

MONTHLY BULLETIN of REGIONAL and TELESEISMIC EVENTS RECORDED with GRF- and GRNS-STATIONS in GERMANY

(produced by SZO/BGR - HANNOVER)

January 2016 UPDATED 13.October 2017

Please note that local events recorded in Germany are part of the "LOCAL BULLETIN".

Event 60101001 Western Indian-Antarctic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/01	02:00:34.74			-51.5700	140.9800				10.0				35	146.75	151.62	m i ke	BGR
	60101007																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	151.37		PKPbc	02:20:28.777	-0.1	111.9		2.62		TAS				a_e	
ASSE	149.78		PKPbc	02:20:24.627	-0.1	111.9		2.62		TAS				a_e	
BFO	149.78		PKPbc	02:20:24.677	-0.2	111.9		2.62		TAS				a_e	
BRG	147.42		PKPbc	02:20:18.727	0.2	111.9		2.62		TAS				a_e	
BSEG	150.53		PKPbc	02:20:26.827	-0.1	111.9		2.62		TAS				a_e	
BUG	151.56		PKPbc	02:20:29.127	-0.1	111.9		2.62		TAS				a_e	
CLL	148.13		PKPbc	02:20:20.177	-0.2	111.9		2.62		TAS				a_e	
CLZ	149.86		PKPbc	02:20:25.127	0.2	111.9		2.62		TAS				m_e	
FBE	147.79		PKPbc	02:20:19.877	0.4	111.9		2.62		TAS				a_e	
FLT1	149.52		PKPbc	02:20:23.577	-0.5	111.9		2.62		TAS				a_e	
FUR	147.92		PKPbc	02:20:19.827	-0.1	111.9		2.62		TAS				a_e	
GEC2	146.75		PKPbc	02:20:16.177	-0.6	111.9		2.62		TAS				a_e	
GRA1	148.58		PKPbc	02:20:21.777	0.3	111.9		2.62		TAS				a_e	
GTTG	150.00		PKPbc	02:20:25.427	0.2	111.9		2.62		TAS				a_e	
GUNZ	148.18		PKPbc	02:20:20.827	0.4	111.9		2.62		TAS				a_e	
IBBN	151.54		PKPbc	02:20:29.177	-0.1	111.9		2.62		TAS				a_e	
MANZ	148.16		PKPbc	02:20:20.777	0.4	111.9		2.62		TAS				a_e	
MOX	148.71		PKPbc	02:20:22.077	0.2	111.9		2.62		TAS				a_e	
NEUB	148.82		PKPbc	02:20:22.177	0.0	111.9		2.62		TAS				a_e	
NRDL	150.22		PKPbc	02:20:26.177	0.3	111.9		2.62		TAS				a_e	
PLN	148.33		PKPbc	02:20:20.977	0.1	111.9		2.62		TAS				a_e	
RETH	150.73		PKPbc	02:20:27.127	-0.1	111.9		2.62		TAS				a_e	

RGN	149.00	PKPbc	02:20:22.927	-0.4	111.9	2.62	TAS	a_e
RJOB	146.81	PKPbc	02:20:16.277	-0.8	111.9	2.62	TAS	a_e
ROTZ	148.02	PKPbc	02:20:20.204	0.2	111.9	2.62	TAS	m_e
RUE	148.09	PKPbc	02:20:19.927	-0.5	111.9	2.62	TAS	a_e
STU	149.43	PKPbc	02:20:23.727	-0.2	111.9	2.62	TAS	a_e
TANN	148.12	PKPbc	02:20:20.527	0.2	111.9	2.62	TAS	a_e
TNS	150.44	PKPbc	02:20:26.589	0.2	111.9	2.62	TAS	m_e
UBBA	149.73	PKPbc	02:20:24.527	0.0	111.9	2.62	TAS	a_e
UBR	148.42	PKPbc	02:20:21.377	0.0	111.9	2.62	TAS	a_e
WERD	148.22	PKPbc	02:20:20.677	0.1	111.9	2.62	TAS	a_e
WERN	148.12	PKPbc	02:20:20.764	0.5	111.9	2.62	TAS	m_e
WET	147.37	PKPbc	02:20:18.327	-0.0	111.9	2.62	TAS	a_e
WLF	151.62	PKPbc	02:20:29.527	-0.1	111.9	2.62	TAS	a_e

Event 60101003 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/01	15:02:14.31			-29.0500	-175.7200			34.6		0.3		31		154.75	160.50	m i ke	BGR
60101009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	158.43		PKPab	15:22:41.202	0.3	20.5		1.20		TAS					m_e
ASSE	156.46		PKPab	15:22:33.203	0.2	20.5		1.20		TAS					m_e
BFO	160.50		PKPab	15:22:51.985		20.5		1.20		TAS					m_e
BRG	157.02		PKPpdf	15:22:07.423	-0.3	20.5		1.20		TAS					m_e
BRG	157.02		pPKPpdf	15:22:18.027						T__					m_e
BRG	157.02		PKPab	15:22:36.300	-0.4	20.5		1.20		TAS					m_e
BSEG	154.75		pPKPpdf	15:22:13.451						T__					m_e
BUG	157.52		PKPpdf	15:22:08.305		20.5		1.20		TAS					m_e
BUG	157.52		PKPab	15:22:39.110	-0.4	20.5		1.20		TAS					m_e
CLL	156.82		pPKPpdf	15:22:17.388						T__					m_e
CLZ	156.78		PKPpdf	15:22:07.486	0.1	20.5		1.20		TAS					m_e
CLZ	156.78		PKPab	15:22:36.119	-0.5	20.5		1.20		TAS					m_e
FBE	157.11		pPKPpdf	15:22:18.960						T__					m_e
FBE	157.11		PKPab	15:22:37.144	-0.3	20.5		1.20		TAS					m_e
FLT1	156.18		PKPpdf	15:22:06.048	-0.2	20.5		1.20		TAS					m_e
FLT1	156.18		pPKPpdf	15:22:16.486						T__					m_e
FLT1	156.18		PKPab	15:22:32.638	-0.3	20.5		1.20		TAS					m_e
FUR	160.16		PKPab	15:22:50.462		20.5		1.20		TAS					m_e
GEC2	158.95		PKPpdf	15:22:09.496		20.5		1.20		TAS					m_e
GEC2	158.95		PKPab	15:22:44.679		20.5		1.20		TAS					m_e
GRA1	158.72		PKPab	15:22:44.256	0.3	20.5		1.20		TAS					m_e
GTTG	157.13		PKPab	15:22:37.495	0.0	20.5		1.20		TAS					m_e
GUNZ	157.86		PKPpdf	15:22:09.627		20.5		1.20		TAS					m_e

GUNZ	157.86	PKPab	15:22:40.059	0.4	20.5	1.20	TAS	m_e
HLG	154.75	PKPdf	15:22:05.510	0.1	20.5	1.20	TAS	m_e
IBBN	156.62	PKPab	15:22:35.814	0.0	20.5	1.20	TAS	m_e
MANZ	158.26	PKPdf	15:22:09.048		20.5	1.20	TAS	m_e
MANZ	158.26	PKPab	15:22:42.027	0.2	20.5	1.20	TAS	m_e
MOX	157.73	PKPdf	15:22:08.191		20.5	1.20	TAS	m_e
MOX	157.73	PKPab	15:22:38.988	0.2	20.5	1.20	TAS	m_e
NEUB	157.18	PKPab	15:22:37.305	-0.1	20.5	1.20	TAS	m_e
NRDL	156.18	pPKPdf	15:22:16.568				T__	m_e
NRDL	156.18	PKPab	15:22:32.995	0.2	20.5	1.20	TAS	m_e
RJOB	160.21	PKPab	15:22:50.856		20.5	1.20	TAS	m_e
ROTZ	158.45	PKPab	15:22:42.933	0.1	20.5	1.20	TAS	m_e
RUE	155.56	pPKPdf	15:22:14.900				T__	m_e
STU	159.95	PKPdf	15:22:11.279		20.5	1.20	TAS	m_e
STU	159.95	PKPab	15:22:49.459		20.5	1.20	TAS	m_e
TANN	157.78	PKPdf	15:22:07.500		20.5	1.20	TAS	m_e
TANN	157.78	PKPab	15:22:39.419	0.2	20.5	1.20	TAS	m_e
TNS	158.62	PKPab	15:22:43.901		20.5	1.20	TAS	m_e
UBBA	157.83	PKPdf	15:22:08.457		20.5	1.20	TAS	m_e
UBBA	157.83	PKPab	15:22:39.580	-0.6	20.5	1.20	TAS	m_e
WERD	157.78	PKPab	15:22:39.487	0.5	20.5	1.20	TAS	m_e
WERN	157.92	PKPdf	15:22:09.663		20.5	1.20	TAS	m_e
WERN	157.92	PKPab	15:22:40.404	0.2	20.5	1.20	TAS	m_e
WET	158.88	PKPdf	15:22:09.421		20.5	1.20	TAS	m_e
WET	158.88	PKPab	15:22:44.988		20.5	1.20	TAS	m_e

Event 60101004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/01	23:04:52.77			-20.6900	-178.7100				660.0			32		146.10	152.14	m i ke	BGR
	60101010																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.86		PKPbc	23:23:30.222	-0.2	16.7		4.24		TAS					m_e
ASSE	147.78		PKPbc	23:23:24.966	0.2	16.7		4.24		TAS					m_e
BFO	151.85		PKPbc	23:23:34.421		16.7		4.24		TAS					m_e
BFO	151.85		PKPab	23:23:46.615		16.7		4.24		TAS					m_e
BRG	148.27		PKPbc	23:23:26.219	0.2	16.7		4.24		TAS					m_e
BRG	148.27		PKPab	23:23:31.720	-0.2	16.7		4.24		TAS					m_e
BSEG	146.10		PKPbc	23:23:20.547	-0.3	16.7		4.24		TAS					m_e
BUG	148.95		PKPbc	23:23:27.741	0.3	16.7		4.24		TAS					m_e
CLL	148.09		PKPbc	23:23:25.586	0.0	16.7		4.24		TAS					m_e
CLZ	148.11		PKPbc	23:23:25.939	0.2	16.7		4.24		TAS					m_e
CLZ	148.11		PKPab	23:23:31.412	0.1	16.7		4.24		TAS					m_e

FBE	148.37	PKPbc	23:23:26.803	-0.2	16.7	4.24	TAS	m_e
FLT1	147.49	PKPbc	23:23:23.934	-0.1	16.7	4.24	TAS	m_e
FLT1	147.49	PKPab	23:23:28.170	0.2	16.7	4.24	TAS	m_e
FUR	151.43	PKPab	23:23:45.457		16.7	4.24	TAS	m_e
GEC2	150.20	PKPbc	23:23:30.723	-0.3	16.7	4.24	TAS	m_e
GRA1	150.00	PKPbc	23:23:30.495	0.3	16.7	4.24	TAS	m_e
GRA1	150.00	PKPab	23:23:39.592		16.7	4.24	TAS	m_e
GTTG	148.46	PKPbc	23:23:26.770	0.1	16.7	4.24	TAS	m_e
GTTG	148.46	PKPab	23:23:32.724		16.7	4.24	TAS	m_e
GUNZ	149.13	PKPbc	23:23:28.570	0.0	16.7	4.24	TAS	m_e
GUNZ	149.13	PKPab	23:23:35.425		16.7	4.24	TAS	m_e
IBBN	148.04	PKPbc	23:23:25.723	0.4	16.7	4.24	TAS	m_e
MANZ	149.53	PKPbc	23:23:29.439	0.2	16.7	4.24	TAS	m_e
MOX	149.02	PKPbc	23:23:27.942	0.4	16.7	4.24	TAS	m_e
NEUB	148.46	PKPbc	23:23:26.744	0.0	16.7	4.24	TAS	m_e
NRDL	147.53	PKPbc	23:23:24.235	-0.1	16.7	4.24	TAS	m_e
RJOB	151.46	PKPbc	23:23:33.259		16.7	4.24	TAS	m_e
RJOB	151.46	PKPab	23:23:45.843		16.7	4.24	TAS	m_e
ROTZ	149.71	PKPbc	23:23:29.634	-0.1	16.7	4.24	TAS	m_e
RUE	146.83	PKPbc	23:23:22.413	-0.1	16.7	4.24	TAS	m_e
STU	151.27	PKPbc	23:23:33.341		16.7	4.24	TAS	m_e
TANN	149.05	PKPbc	23:23:28.119	0.4	16.7	4.24	TAS	m_e
TNS	149.99	PKPbc	23:23:30.459	0.1	16.7	4.24	TAS	m_e
TNS	149.99	PKPab	23:23:38.666		16.7	4.24	TAS	m_e
UBBA	149.16	PKPbc	23:23:28.159	0.2	16.7	4.24	TAS	m_e
UBR	152.14	PKPbc	23:23:34.951		16.7	4.24	TAS	m_e
WERD	149.05	PKPbc	23:23:28.290	0.3	16.7	4.24	TAS	m_e
WERN	149.19	PKPbc	23:23:28.765	0.1	16.7	4.24	TAS	m_e
WERN	149.19	PKPab	23:23:35.965		16.7	4.24	TAS	m_e
WET	150.13	PKPbc	23:23:30.515	-0.6	16.7	4.24	TAS	m_e
WET	150.13	PKPab	23:23:39.746		16.7	4.24	TAS	m_e
WLF	150.83	PKPbc	23:23:32.830	-0.4	16.7	4.24	TAS	m_e

Event 60102001 Priamurye-Northeastern China border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/02	04:22:25.09			45.5460	130.3270				595.7			36		66.90	73.66	m i ke	BGR
OrigID 60102007																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.4		BGR	60102007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	72.43		P	04:32:49.901	0.1	40.3		5.84		TAS		471.9	1.19	a_e mb	6.5
AHRW	72.43		pP	04:34:50.388						T__				m_e	
ASSE	69.77		P	04:32:34.351	0.0	40.3		5.84		TAS		333.3	1.51	a_e mb	6.2

ASSE	69.77	PcP	04:32:54.893					T__			m_e	
ASSE	69.77	pP	04:34:33.050					T__			m_e	
BFO	73.66	P	04:32:56.751	-0.3	40.3		5.84	TAS	676.8	1.14	m_e mb	6.6
BFO	73.66	pP	04:34:57.692					T__			m_e	
BRG	69.36	P	04:32:31.801	-0.2	40.3		5.84	TAS	263.0	1.21	a_e mb	6.3
BRG	69.36	pP	04:34:30.539					T__			m_e	
BSEG	68.54	P	04:32:27.151	0.2	40.3		5.84	TAS	446.8	1.11	a_e mb	6.6
BSEG	68.54	pP	04:34:25.836					T__			m_e	
BUG	71.64	P	04:32:45.101	-0.1	40.3		5.84	TAS	367.5	1.17	a_e mb	6.4
BUG	71.64	pP	04:34:45.040					T__			m_e	
CLL	69.43	P	04:32:31.901	-0.5	40.3		5.84	TAS	398.2	1.08	a_e mb	6.6
CLL	69.43	pP	04:34:30.906					T__			m_e	
CLL	69.43	PP	04:35:18.180					T__			m_e	
CLZ	70.11	P	04:32:36.601	0.3	40.3		5.84	TAS	470.2	1.11	a_e mb	6.5
CLZ	70.11	pP	04:34:35.886					T__			m_e	
FBE	69.57	P	04:32:33.301	0.1	40.3		5.84	TAS	579.0	1.13	a_e mb	6.6
FBE	69.57	pP	04:34:32.166					T__			m_e	
FBE	69.57	PP	04:35:19.945					T__			m_e	
FLT1	69.39	P	04:32:31.501	-0.6	40.3		5.84	TAS	588.8	1.09	a_e mb	6.7
FLT1	69.39	pP	04:34:30.522					T__			m_e	
FUR	72.54	P	04:32:50.801	0.2	40.3		5.84	TAS	746.7	1.19	a_e mb	6.7
FUR	72.54	pP	04:34:50.955					T__			m_e	
GEC2	70.97	P	04:32:41.251	-0.1	40.3		5.84	TAS	251.9	1.26	a_e mb	6.2
GEC2	70.97	pP	04:34:40.556					T__			m_e	
GRA1	71.40	P	04:32:44.401	0.5	40.3		5.84	TAS	797.9	1.13	a_e mb	6.7
GTTG	70.50	P	04:32:38.701	0.1	40.3		5.84	TAS	357.4	1.12	a_e mb	6.4
GTTG	70.50	pP	04:34:38.222					T__			m_e	
GUNZ	70.42	P	04:32:38.301	0.1	40.3		5.84	TAS	261.3	1.14	a_e mb	6.3
GUNZ	70.42	pP	04:34:37.475					T__			m_e	
HLG	69.27	P	04:32:31.401	0.3	40.3		5.84	TAS	511.1	1.23	a_e mb	6.6
IBBN	70.78	P	04:32:40.051	-0.0	40.3		5.84	TAS	404.4	1.13	a_e mb	6.5
IBBN	70.78	pP	04:34:39.677					T__			m_e	
MANZ	70.80	P	04:32:40.501	0.1	40.3		5.84	TAS	49.9	1.19	a_e mb	5.5
MANZ	70.80	pP	04:34:40.142					T__			m_e	
MOX	70.51	P	04:32:38.801	0.1	40.3		5.84	TAS	340.1	1.51	a_e mb	6.3
MOX	70.51	pP	04:34:38.239					T__			m_e	
NEUB	70.03	P	04:32:35.551	-0.3	40.3		5.84	TAS	449.0	1.07	a_e mb	6.5
NEUB	70.03	pP	04:34:34.752					T__			m_e	
NRDL	69.71	P	04:32:34.051	0.1	40.3		5.84	TAS	311.1	1.13	a_e mb	6.3
NRDL	69.71	pP	04:34:33.193					T__			m_e	
PLN	70.40	P	04:32:38.201	0.1	40.3		5.84	TAS	231.8	1.28	a_e mb	6.2
PLN	70.40	pP	04:34:37.576					T__			m_e	
PLN	70.40	PP	04:35:27.298					T__			m_e	
RETH	69.82	P	04:32:34.651	0.1	40.3		5.84	TAS	392.9	1.19	a_e mb	6.4
RETH	69.82	pP	04:34:33.886					T__			m_e	
RGN	66.90	P	04:32:17.251	-0.3	40.3		5.84	TAS	979.5	1.18	a_e mb	6.9
RGN	66.90	pP	04:34:14.060					T__			m_e	
RGN	66.90	PP	04:34:48.688					T__			m_e	
RJOB	72.20	P	04:32:48.901	0.3	40.3		5.84	TAS	325.6	1.10	a_e mb	6.4

RJOB	72.20	pP	04:34:49.123							T__						m_e	
ROTZ	70.92	P	04:32:41.501	0.4	40.3		5.84			TAS	92.5	1.28	a_e	mb		5.8	
ROTZ	70.92	pP	04:34:41.264							T__						m_e	
RUE	68.24	P	04:32:25.251	-0.2	40.3		5.84			TAS	669.4	1.26	a_e	mb		6.7	
RUE	68.24	pP	04:34:23.709							T__						m_e	
STU	72.96	P	04:32:52.701	-0.3	40.3		5.84			TAS	967.9	1.18	a_e	mb		6.8	
STU	72.96	pP	04:34:53.210							T__						m_e	
TANN	70.33	P	04:32:37.751	0.1	40.3		5.84			TAS	175.9	1.19	a_e	mb		6.1	
TANN	70.33	pP	04:34:37.125							T__						m_e	
TNS	72.13	P	04:32:48.201	0.1	40.3		5.84			TAS	291.4	1.21	a_e	mb		6.3	
TNS	72.13	pP	04:34:48.610							T__						m_e	
UBBA	71.04	P	04:32:41.801	0.0	40.3		5.84			TAS	399.7	1.61	a_e	mb		6.3	
UBBA	71.04	pP	04:34:41.306							T__						m_e	
UBR	73.42	P	04:32:55.077	-0.6	40.3		5.84			TAS	287.3	1.51	m_e	mb		6.2	
WERD	70.37	P	04:32:37.951	0.1	40.3		5.84			TAS	264.7	1.23	a_e	mb		6.2	
WERD	70.37	pP	04:34:37.400							T__						m_e	
WERN	70.46	P	04:32:38.601	0.2	40.3		5.84			TAS	257.6	1.00	a_e	mb		6.3	
WERN	70.46	pP	04:34:37.884							T__						m_e	
WET	71.11	P	04:32:42.401	0.2	40.3		5.84			TAS	252.9	1.17	a_e	mb		6.2	
WET	71.11	pP	04:34:42.161							T__						m_e	
WLF	73.48	P	04:32:55.789	-0.2	40.3		5.84			TAS	153.1	1.27	m_e	mb		6.0	

Event 60102002 Hindu Kush, Afghanistan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/02	08:37:23.18			36.4500	70.9300				194.6	7.5		34		42.61	47.71	m i ke	BGR
60102008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	60102008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	46.99	P		08:45:33.850	-0.6	85.1		7.81		TAS		102.2	1.22	m_e	mb 5.8
ASSE	44.57	P		08:45:14.689	-0.6	85.1		7.81		TAS		98.3	1.81	m_e	mb 5.4
BFO	46.52	P		08:45:30.704	-0.2	85.1		7.81		TAS		48.2	1.26	m_e	mb 5.5
BRG	42.61	P		08:44:59.952	-0.2	85.1		7.81		TAS		143.4	1.06	m_e	mb 5.6
BRG	42.61	pP		08:45:42.060						T__					m_e
BSEG	44.68	P		08:45:16.477	0.8	85.1		7.81		TAS		197.2	0.86	m_e	mb 6.1
BUG	46.75	P		08:45:32.177	-0.4	85.1		7.81		TAS		135.8	1.19	m_e	mb 6.0
BUG	46.75	PP		08:47:25.193						T__					m_e
CLL	43.18	P		08:45:03.837	-0.7	85.1		7.81		TAS		77.3	0.91	m_e	mb 5.4
CLL	43.18	PP		08:46:49.416						T__					m_e
CLZ	44.78	P		08:45:17.062	0.1	85.1		7.81		TAS		216.9	1.36	m_e	mb 5.9
CLZ	44.78	pP		08:46:00.040						T__					m_e
FBE	42.98	P		08:45:03.010	0.0	85.1		7.81		TAS		162.1	0.93	m_e	mb 5.7
FBE	42.98	pP		08:45:45.506						T__					m_e

FBE	42.98	sP	08:46:06.308				T__			m_e		
FBE	42.98	PP	08:46:46.258				T__			m_e		
FLT1	44.21	P	08:45:11.981	-0.5	85.1	7.81	TAS	267.3	0.76	m_e mb	6.0	
FLT1	44.21	pP	08:45:54.520				T__			m_e		
FLT1	44.21	sP	08:46:15.500				T__			m_e		
FUR	44.59	P	08:45:15.764	0.7	85.1	7.81	TAS	280.2	1.58	m_e mb	5.9	
GEC2	42.91	P	08:45:02.009	-0.1	85.1	7.81	TAS	69.2	1.49	m_e mb	5.2	
GEC2	42.91	PP	08:46:46.356				T__			m_e		
GRA1	44.44	P	08:45:15.079	0.7	85.1	7.81	TAS	284.9	1.54	m_e mb	5.8	
GRA1	44.44	PP	08:47:02.263				T__			m_e		
GTTG	45.06	P	08:45:19.282	0.1	85.1	7.81	TAS	235.0	1.11	m_e mb	6.0	
GTTG	45.06	pP	08:46:02.507				T__			m_e		
GTTG	45.06	PP	08:47:07.726				T__			m_e		
GUNZ	43.67	P	08:45:08.465	0.1	85.1	7.81	TAS	100.9	1.28	m_e mb	5.4	
GUNZ	43.67	sP	08:46:11.610				T__			m_e		
IBBN	46.35	P	08:45:29.184	0.5	85.1	7.81	TAS	215.7	0.91	m_e mb	6.2	
IBBN	46.35	pP	08:46:12.354				T__			m_e		
IBBN	46.35	sP	08:46:33.744				T__			m_e		
MANZ	43.84	P	08:45:09.801	0.1	85.1	7.81	TAS	21.2	1.16	m_e mb	4.8	
MOX	44.10	P	08:45:11.683	0.0	85.1	7.81	TAS	141.7	1.40	m_e mb	5.5	
NEUB	43.96	P	08:45:10.156	-0.5	85.1	7.81	TAS	162.5	0.96	m_e mb	5.7	
NEUB	43.96	sP	08:46:14.079				T__			m_e		
NEUB	43.96	PP	08:46:57.507				T__			m_e		
NRDL	44.89	P	08:45:18.178	0.4	85.1	7.81	TAS	173.4	1.19	m_e mb	5.9	
PLN	43.77	P	08:45:08.994	-0.1	85.1	7.81	TAS	69.7	1.30	m_e mb	5.2	
PLN	43.77	pP	08:45:51.265				T__			m_e		
PLN	43.77	sP	08:46:12.317				T__			m_e		
PLN	43.77	PP	08:46:54.647				T__			m_e		
RETH	45.33	P	08:45:21.318	0.2	85.1	7.81	TAS	58.6	1.07	m_e mb	5.4	
RETH	45.33	pP	08:46:04.345				T__			m_e		
RETH	45.33	PP	08:47:12.345				T__			m_e		
RGN	42.91	P	08:45:02.433	0.9	85.1	7.81	TAS	777.6	1.07	m_e mb	6.4	
RGN	42.91	pP	08:45:45.812				T__			m_e		
ROTZ	43.80	P	08:45:09.774	0.5	85.1	7.81	TAS	37.3	1.40	m_e mb	4.9	
RUE	42.65	P	08:44:59.410	-0.9	85.1	7.81	TAS	207.3	0.96	m_e mb	5.8	
STU	45.88	P	08:45:25.568	0.2	85.1	7.81	TAS	143.4	0.79	m_e mb	6.1	
TANN	43.58	P	08:45:07.630	-0.1	85.1	7.81	TAS	87.9	1.34	m_e mb	5.3	
TNS	46.16	P	08:45:27.767	0.1	85.1	7.81	TAS	64.2	1.27	m_e mb	5.5	
UBBA	45.11	P	08:45:19.268	-0.3	85.1	7.81	TAS	161.6	1.62	m_e mb	5.7	
UBR	45.44	P	08:45:21.613	0.1	85.1	7.81	TAS	150.6	1.27	m_e mb	5.8	
UBR	45.44	sP	08:46:25.037				T__			m_e		
WERD	43.68	P	08:45:08.228	-0.2	85.1	7.81	TAS	101.1	1.25	m_e mb	5.4	
WERN	43.65	P	08:45:08.295	0.1	85.1	7.81	TAS	120.1	1.65	m_e mb	5.4	
WET	43.42	P	08:45:06.124	-0.1	85.1	7.81	TAS	37.7	1.29	m_e mb	5.0	
WET	43.42	sP	08:46:09.206				T__			m_e		
WET	43.42	PP	08:46:49.740				T__			m_e		
WLF	47.71	P	08:45:39.276		85.1	7.81	TAS	107.9	0.94	m_e mb	6.0	

Event 60103001 Jan Mayen Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/03	02:01:46.24			71.3700	-3.1200				10.0			29		18.47	24.87	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	60103007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	21.42		P	02:06:34.694	0.3	348.4		10.45		TAS		40.3	1.06	m_e mb	4.7
ASSE	20.28		P	02:06:21.905	-0.3	348.4		10.45		TAS		18.7	1.00	m_e mb	4.3
BFO	23.73		P	02:06:58.409	-0.8	348.4		10.45		TAS		13.6	0.97	m_e mb	4.4
BRG	21.98		P	02:06:39.918	-0.0	348.4		10.45		TAS		14.7	0.90	m_e mb	4.4
BSEG	18.47		P	02:06:02.894	-0.5	348.4		10.45		TAS		20.6	0.87	m_e mb	4.3
BUG	20.55		P	02:06:25.265	-0.0	348.4		10.45		TAS		7.3	0.83	m_e mb	4.0
CLL	21.42		P	02:06:34.203	-0.3	348.4		10.45		TAS		14.3	0.92	m_e mb	4.3
CLZ	20.52		P	02:06:24.959	1.9	348.4		10.45		TAS		24.5	0.90	m_e mb	4.5
FBE	21.84		P	02:06:38.839	0.3	348.4		10.45		TAS		21.7	0.90	m_e mb	4.6
FLT1	20.16		P	02:06:20.612	0.9	348.4		10.45		TAS		17.0	0.91	m_e mb	4.3
FUR	24.24		P	02:07:03.089		348.4		10.45		TAS		22.6	0.91	m_e mb	4.7
GEC2	23.92		P	02:07:00.879		348.4		10.45		TAS		10.6	0.93	m_e mb	4.4
GRA1	22.74		P	02:06:48.796	0.4	348.4		10.45		TAS		15.0	0.89	m_e mb	4.5
GTTG	20.75		P	02:06:29.597	0.1	348.4		10.45		TAS		18.1	0.95	m_e mb	4.4
IBBN	19.74		P	02:06:15.599	-0.8	348.4		10.45		TAS		16.3	0.89	m_e mb	4.3
MANZ	22.57		P	02:06:46.328	0.2	348.4		10.45		TAS		2.6	0.82	m_e mb	3.8
MOX	21.86		P	02:06:39.216	0.2	348.4		10.45		TAS		22.2	0.93	m_e mb	4.6
NEUB	21.34		P	02:06:33.746	1.2	348.4		10.45		TAS		59.5	0.82	m_e mb	5.0
NRDL	19.84		P	02:06:17.757	-0.9	348.4		10.45		TAS		19.5	0.83	m_e mb	4.4
RJOB	24.87		P	02:07:09.774		348.4		10.45		TAS		15.6	0.82	m_e mb	4.8
ROTZ	22.80		P	02:06:49.214	0.6	348.4		10.45		TAS		1.7	0.81	m_e mb	3.6
RUE	20.41		P	02:06:23.894	0.6	348.4		10.45		TAS		49.2	0.97	m_e mb	4.7
TANN	22.20		P	02:06:42.628	-0.3	348.4		10.45		TAS		26.3	1.16	m_e mb	4.6
TNS	21.87		P	02:06:39.208	0.5	348.4		10.45		TAS		11.8	0.81	m_e mb	4.4
UBBA	21.47		P	02:06:34.967	-0.0	348.4		10.45		TAS		83.7	1.53	m_e mb	4.8
UBR	24.57		P	02:07:06.584		348.4		10.45		TAS		8.1	0.93	m_e mb	4.4
WERD	22.15		P	02:06:42.628	0.3	348.4		10.45		TAS		14.5	0.84	m_e mb	4.4
WERN	22.32		P	02:06:44.136	0.2	348.4		10.45		TAS		22.2	0.97	m_e mb	4.6
WET	23.50		P	02:06:56.438	-0.8	348.4		10.45		TAS		6.2	0.99	m_e mb	4.1

Event 60103002 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/03	07:36:11.05			-16.8340	-173.3280				33.0			18		144.40	149.11	m i ke	BGR

60103008

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	148.56		PKPbc	07:55:54.687		8.0		2.92		TAS				m_e		
BRG	145.55		PKPbc	07:55:46.572	-0.2	8.0		2.92		TAS				m_e		
CLL	145.24		PKPbc	07:55:45.035	1.3	8.0		2.92		TAS				m_e		
CLZ	144.95		PKPbc	07:55:43.840	0.1	8.0		2.92		TAS				m_e		
FBE	145.58		PKPbc	07:55:46.711	-0.4	8.0		2.92		TAS				m_e		
FLT1	144.40		PKPbc	07:55:42.057	-0.1	8.0		2.92		TAS				m_e		
GEC2	147.56		PKPbc	07:55:52.307		8.0		2.92		TAS				m_e		
GTTG	145.27		PKPbc	07:55:46.433	0.5	8.0		2.92		TAS				m_e		
GUNZ	146.24		PKPbc	07:55:48.850		8.0		2.92		TAS				m_e		
MANZ	146.64		PKPbc	07:55:50.371		8.0		2.92		TAS				m_e		
MOX	146.04		PKPbc	07:55:49.515	-0.7	8.0		2.92		TAS				m_e		
NEUB	145.48		PKPbc	07:55:46.693	1.1	8.0		2.92		TAS				m_e		
ROTZ	146.85		PKPbc	07:55:50.310		8.0		2.92		TAS				m_e		
TANN	146.18		PKPbc	07:55:48.650		8.0		2.92		TAS				m_e		
TNS	146.66		PKPbc	07:55:51.177		8.0		2.92		TAS				m_e		
UBR	149.11		PKPbc	07:55:56.379		8.0		2.92		TAS				m_e		
WERN	146.31		PKPbc	07:55:50.243		8.0		2.92		TAS				m_e		
WLF	147.25		PKPbc	07:55:52.154		8.0		2.92		TAS				m_e		

Event 60103003 Myanmar-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/03	23:05:17.93			24.6700	93.4500				33.0			36		64.65	69.92	m i ke	BGR
OrigID 60103009																	

Magnitude	Err	Nsta	Author	OrigID
mb	7.1		BGR	60103009
Ms	6.3		BGR	60103009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	69.13		P	23:16:21.894	-0.1	79.5		6.35		TAS		1985.0	1.74	a_e	mb	7.1
ASSE	66.59		P	23:16:05.444	-0.4	79.5		6.35		TAS		1862.9	1.95	a_e	mb	7.0
BFO	68.85		P	23:16:19.594	-0.5	79.5		6.35		TAS		3061.0	2.28	a_e	mb	7.1
BRG	64.78		P	23:15:54.194	-0.2	79.5		6.35		TAS		2093.7	1.66	a_e	mb	7.1
BSEG	66.48		P	23:16:05.344	0.4	79.5		6.35		TAS		1890.1	1.03	a_e	mb	7.3
BUG	68.80		P	23:16:19.644	-0.2	79.5		6.35		TAS		1499.7	1.42	a_e	mb	7.0
CLL	65.30		P	23:15:57.144	-0.5	79.5		6.35		TAS		951.4	1.34	a_e	mb	6.9
CLL	65.30		PP	23:18:19.608						T__				m_e		
CLZ	66.82		P	23:16:07.394	0.1	79.5		6.35		TAS		1727.2	1.18	m_e	mb	7.2
FBE	65.14		P	23:15:56.844	0.2	79.5		6.35		TAS		2101.4	1.28	a_e	mb	7.2
FLT1	66.21		P	23:16:02.694	-0.7	79.5		6.35		TAS		1423.5	1.39	a_e	mb	7.0

FUR	66.97	P	23:16:08.394	0.3	79.5	6.35	TAS	12255.8	2.43	a_e	mb	7.7
GEC2	65.26	P	23:15:57.394	0.2	79.5	6.35	TAS	1337.8	1.03	a_e	mb	7.1
GRA1	66.70	P	23:16:07.094	0.6	79.5	6.35	TAS	2317.9	1.44	a_e	mb	7.2
GRA1	66.70	L	23:49:50.830				T__	14680.9	20.20	a_e	Ms	6.2
GTTG	67.13	P	23:16:09.194	-0.1	79.5	6.35	TAS	1570.4	1.49	a_e	mb	7.0
GUNZ	65.87	P	23:16:01.294	0.0	79.5	6.35	TAS	1164.6	1.05	a_e	mb	7.0
HLG	67.84	P	23:16:13.894	0.4	79.5	6.35	TAS	1456.1	1.26	a_e	mb	7.1
IBBN	68.31	P	23:16:16.644	-0.1	79.5	6.35	TAS	3804.3	1.88	a_e	mb	7.3
MANZ	66.08	P	23:16:03.044	0.5	79.5	6.35	TAS	1890.3	2.38	a_e	mb	6.9
MOX	66.28	P	23:16:03.844	0.0	79.5	6.35	TAS	7074.4	2.62	a_e	mb	7.4
MOX	66.28	PP	23:18:30.825				T__			m_e		
MOX	66.28	L	23:47:34.834				T__	28186.3	21.50	a_e	Ms	6.4
NEUB	66.08	P	23:16:02.294	-0.3	79.5	6.35	TAS	1538.4	1.16	a_e	mb	7.1
NEUB	66.08	PP	23:18:27.155				T__			m_e		
NRDL	66.86	P	23:16:07.944	0.4	79.5	6.35	TAS	10916.6	2.36	a_e	mb	7.7
PLN	65.96	P	23:16:01.794	-0.1	79.5	6.35	TAS	3754.2	2.12	a_e	mb	7.2
RETH	67.26	P	23:16:10.094	0.1	79.5	6.35	TAS	2355.6	2.09	a_e	mb	7.1
RGN	64.65	P	23:15:53.294	0.1	79.5	6.35	TAS	1342.5	0.92	a_e	mb	7.2
RJOB	66.05	P	23:16:02.144	0.0	79.5	6.35	TAS	1530.4	1.42	a_e	mb	7.0
ROTZ	66.06	P	23:16:02.894	0.5	79.5	6.35	TAS	453.5	1.10	a_e	mb	6.6
RUE	64.65	P	23:15:53.094	-0.4	79.5	6.35	TAS	2708.6	1.39	a_e	mb	7.3
STU	68.19	P	23:16:15.944	0.0	79.5	6.35	TAS	3869.6	1.11	a_e	mb	7.5
TANN	65.78	P	23:16:00.694	-0.0	79.5	6.35	TAS	2312.9	1.81	a_e	mb	7.1
TNS	68.34	P	23:16:16.894	-0.1	79.5	6.35	TAS	966.7	0.97	m_e	mb	7.0
UBBA	67.25	P	23:16:09.894	-0.1	79.5	6.35	TAS	2912.2	1.98	a_e	mb	7.2
UBR	67.84	P	23:16:13.144	-0.4	79.5	6.35	TAS	2247.9	1.89	a_e	mb	7.1
WERD	65.88	P	23:16:01.194	-0.1	79.5	6.35	TAS	973.9	1.07	a_e	mb	7.0
WERN	65.86	P	23:16:01.294	0.1	79.5	6.35	TAS	811.0	1.10	a_e	mb	6.9
WET	65.74	P	23:16:00.544	0.2	79.5	6.35	TAS	2979.7	1.83	a_e	mb	7.2
WLF	69.92	P	23:16:27.244	0.3	79.5	6.35	TAS	3001.4	1.10	a_e	mb	7.3

Event 60105001 Off coast of Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/05	01:58:23.18			14.5000	-94.5000				33.0			19		85.98	90.75	m i ke	BGR
60105007																	

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 60105007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	86.13		P	02:11:00.093	-1.5	291.1		4.69		TAS		10.9	0.75	m_e	mb	5.1
ASSE	87.73		P	02:11:08.534	2.0	291.1		4.69		TAS		4.3	0.74	m_e	mb	4.9
BFO	87.61		P	02:11:08.514	1.0	291.1		4.69		TAS		7.1	1.04	m_e	mb	4.9
BRG	90.09		P	02:11:18.356		291.1		4.69		TAS				m_e		
CLL	89.38		P	02:11:19.209		291.1		4.69		TAS		3.4	0.81	m_e	mb	4.6

Station	Mag	Phase	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
CLZ	87.66	P	02:11:07.679	1.1	291.1					4.69	TAS							m_e	
FLT1	87.98	P	02:11:10.093	1.0	291.1					4.69	TAS	4.2	0.80					m_e mb	4.8
GEC2	90.75	P	02:11:21.647		291.1					4.69	TAS	3.8	0.97					m_e mb	4.7
GTTG	87.52	P	02:11:09.271	1.5	291.1					4.69	TAS	8.2	0.76					m_e mb	5.1
GUNZ	89.34	P	02:11:19.122		291.1					4.69	TAS	3.9	0.76					m_e mb	4.7
IBBN	85.98	P	02:11:01.263	0.6	291.1					4.69	TAS	6.4	0.72					m_e mb	4.9
MOX	88.81	P	02:11:15.678	-2.0	291.1					4.69	TAS	3.7	0.82					m_e mb	4.7
NEUB	88.70	P	02:11:15.575	-2.5	291.1					4.69	TAS	7.2	0.86					m_e mb	4.9
STU	88.00	P	02:11:11.629	1.6	291.1					4.69	TAS	21.1	0.77					m_e mb	5.5
TANN	89.40	P	02:11:18.353		291.1					4.69	TAS	3.1	0.86					m_e mb	4.6
TNS	87.06	P	02:11:07.006	-0.6	291.1					4.69	TAS	15.2	0.87					m_e mb	5.1
UBR	88.95	P	02:11:16.171		291.1					4.69	TAS	6.2	0.83					m_e mb	4.9
WERN	89.40	P	02:11:18.909		291.1					4.69	TAS	5.8	0.92					m_e mb	4.8
WET	90.13	P	02:11:18.308		291.1					4.69	TAS	4.7	0.92					m_e mb	4.7

Event 60105002 Southeast of Shikoku, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/05	02:21:15.12			30.6490	132.7840				10.0				35	80.49	87.05	m i ke	BGR
OrigID 60105008																	

Magnitude	Err	Nsta	Author	OrigID
6.0			BGR	60105008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.01		P	02:33:52.061	1.3	50.4		4.06		TAS		83.4	1.40	m_e mb	5.7
ASSE	83.28		P	02:33:38.697	-1.9	50.4		4.06		TAS		140.2	1.87	a_e mb	5.9
BFO	87.00		P	02:33:56.897	3.1	50.4		4.06		TAS		85.4	1.35	a_e mb	5.7
BRG	82.59		P	02:33:35.497	-1.7	50.4		4.06		TAS		256.4	1.90	a_e mb	6.1
BSEG	82.21		P	02:33:32.897	-3.5	50.4		4.06		TAS		66.0	1.23	a_e mb	5.6
BUG	85.28		P	02:33:48.297	0.7	50.4		4.06		TAS		65.3	1.17	a_e mb	5.7
CLL	82.75		P	02:33:35.897	-2.1	50.4		4.06		TAS		507.2	2.19	a_e mb	6.4
CLZ	83.61		P	02:33:40.647	-0.8	50.4		4.06		TAS		106.2	1.11	a_e mb	6.0
FBE	82.84		P	02:33:36.997	-1.3	50.4		4.06		TAS		519.2	1.92	a_e mb	6.4
FLT1	82.89		P	02:33:36.147	-2.7	50.4		4.06		TAS		281.3	2.00	a_e mb	6.1
FUR	85.69		P	02:33:51.247	0.4	50.4		4.06		TAS		469.4	1.98	a_e mb	6.3
GEC2	84.03		P	02:33:42.647	-0.1	50.4		4.06		TAS		194.9	2.09	a_e mb	6.0
GRA1	84.68		P	02:33:46.397	1.6	50.4		4.06		TAS		659.7	2.07	a_e mb	6.5
GTTG	84.00		P	02:33:42.497	-0.1	50.4		4.06		TAS		90.9	1.07	a_e mb	5.9
GUNZ	83.70		P	02:33:41.197	-0.7	50.4		4.06		TAS		451.0	2.14	a_e mb	6.3
IBBN	84.45		P	02:33:44.197	-0.3	50.4		4.06		TAS				a_e	
MANZ	84.05		P	02:33:43.047	0.2	50.4		4.06		TAS		82.9	2.27	a_e mb	5.6
MOX	83.85		P	02:33:41.847	-0.9	50.4		4.06		TAS		275.6	2.06	a_e mb	6.1
NEUB	83.41		P	02:33:39.397	-2.1	50.4		4.06		TAS		637.3	2.10	a_e mb	6.5
NRDL	83.29		P	02:33:38.697	-1.4	50.4		4.06		TAS		87.3	1.49	a_e mb	5.8
PLN	83.70		P	02:33:41.097	-0.5	50.4		4.06		TAS		315.5	2.11	a_e mb	6.2

RETH	83.45	P	02:33:39.247	-0.7	50.4	4.06	TAS	118.3	1.78	a_e	mb	5.8
RGN	80.49	P	02:33:26.257	16.5	50.4	4.06	TAS	194.6	1.04	m_e	mb	6.0
RJOB	85.21	P	02:33:49.047	-0.5	50.4	4.06	TAS	62.5	1.27	a_e	mb	5.7
ROTZ	84.15	P	02:33:43.747	0.4	50.4	4.06	TAS	111.8	1.99	a_e	mb	5.8
RUE	81.62	P	02:33:30.397	-3.2	50.4	4.06	TAS	329.7	1.81	a_e	mb	6.2
STU	86.28	P	02:33:53.597	1.9	50.4	4.06	TAS	562.8	2.15	a_e	mb	6.3
TANN	83.60	P	02:33:40.647	-1.2	50.4	4.06	TAS	249.3	2.01	a_e	mb	6.1
TNS	85.61	P	02:33:50.547	1.7	50.4	4.06	TAS	39.5	1.07	a_e	mb	5.5
UBBA	84.48	P	02:33:44.897	0.7	50.4	4.06	TAS	156.5	1.69	a_e	mb	6.0
UBR	86.59	P	02:33:55.147	1.7	50.4	4.06	TAS	74.4	1.50	a_e	mb	5.6
WERD	83.65	P	02:33:40.847	-0.6	50.4	4.06	TAS	325.8	2.08	a_e	mb	6.2
WERN	83.73	P	02:33:41.397	-0.6	50.4	4.06	TAS	423.5	2.12	m_e	mb	6.3
WET	84.24	P	02:33:44.097	-1.3	50.4	4.06	TAS	150.1	1.82	a_e	mb	5.9
WLF	87.05	P	02:33:58.964		50.4	4.06	TAS	153.9	1.67	m_e	mb	5.9

Event 60106001 North Korea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/06	01:30:05.61			41.9900	130.5500				0.0			29		71.22	76.64	m i kx	BGR
OrigID 60106007																	

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 60106007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.47		P	01:41:46.108		42.5		5.84		TAS		14.5	0.81	m_e	mb 5.1
BFO	76.64		P	01:41:52.379		42.5		5.84		TAS		19.3	0.73	m_e	mb 5.3
BRG	72.30		P	01:41:26.883	-0.3	42.5		5.84		TAS		11.1	0.69	m_e	mb 5.1
BSEG	71.61		P	01:41:23.245	-0.5	42.5		5.84		TAS		27.2	0.96	m_e	mb 5.4
BUG	74.71		P	01:41:41.657	0.1	42.5		5.84		TAS		9.3	0.75	m_e	mb 4.9
CLL	72.40		P	01:41:27.664	-0.7	42.5		5.84		TAS		29.5	0.67	m_e	mb 5.5
CLZ	73.13		P	01:41:31.925	0.3	42.5		5.84		TAS		16.0	0.69	m_e	mb 5.3
FBE	72.52		P	01:41:28.769	-0.2	42.5		5.84		TAS		17.0	0.77	m_e	mb 5.2
FLT1	72.41		P	01:41:27.212	0.1	42.5		5.84		TAS		21.8	0.70	m_e	mb 5.4
FUR	75.46		P	01:41:45.658		42.5		5.84		TAS		23.5	0.70	m_e	mb 5.3
GEC2	73.86		P	01:41:36.188	0.9	42.5		5.84		TAS		9.7	0.78	m_e	mb 4.9
GRA1	74.35		P	01:41:40.271	-0.2	42.5		5.84		TAS		43.3	0.72	m_e	mb 5.6
GTTG	73.52		P	01:41:34.283	0.2	42.5		5.84		TAS		10.6	0.72	m_e	mb 5.0
GUNZ	73.38		P	01:41:33.724	-0.2	42.5		5.84		TAS		15.1	0.71	m_e	mb 5.2
IBBN	73.85		P	01:41:36.551	-0.1	42.5		5.84		TAS		14.4	0.73	m_e	mb 5.1
MANZ	73.75		P	01:41:35.905	0.3	42.5		5.84		TAS		1.9	0.71	m_e	mb 4.2
MOX	73.48		P	01:41:34.114	0.3	42.5		5.84		TAS		5.9	0.69	m_e	mb 4.8
NEUB	73.01		P	01:41:31.298	0.1	42.5		5.84		TAS		32.6	0.71	m_e	mb 5.6
NRDL	72.76		P	01:41:30.100	-0.2	42.5		5.84		TAS		7.9	0.88	m_e	mb 4.9
RJOB	75.08		P	01:41:43.710	-0.3	42.5		5.84		TAS		20.7	0.81	m_e	mb 5.2
ROTZ	73.87		P	01:41:37.004	0.2	42.5		5.84		TAS		2.5	0.73	m_e	mb 4.3

RUE	71.22	P	01:41:21.382	0.1	42.5	5.84	TAS	16.5	0.67	m_e	mb	5.3
STU	75.93	P	01:41:48.342		42.5	5.84	TAS	22.9	0.69	m_e	mb	5.4
TANN	73.28	P	01:41:32.504	-0.1	42.5	5.84	TAS	6.2	0.80	m_e	mb	4.8
TNS	75.15	P	01:41:44.132	0.1	42.5	5.84	TAS	5.0	0.81	m_e	mb	4.6
UBBA	74.04	P	01:41:37.808	-0.2	42.5	5.84	TAS	6.8	0.61	m_e	mb	4.8
UBR	76.35	P	01:41:50.707		42.5	5.84	TAS	4.2	0.64	m_e	mb	4.7
WERD	73.32	P	01:41:33.500	-0.1	42.5	5.84	TAS	9.3	0.74	m_e	mb	5.0
WERN	73.41	P	01:41:34.186	0.5	42.5	5.84	TAS	17.5	0.72	m_e	mb	5.3
WET	74.02	P	01:41:37.573	0.3	42.5	5.84	TAS	11.1	0.80	m_e	mb	4.9
WLF	76.53	P	01:41:51.763		42.5	5.84	TAS	5.8	0.67	m_e	mb	4.8

Event 60106003 Off coast of Oaxaca, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/06	13:18:50.73	6.99	0.62	14.2020	-95.7580	292.4	234.6	46	10.0				23 354	86.83	91.74	m i ke	BGR
OrigID 60106009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	60106009
Ms	4.7		BGR	60106009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	87.12		P	13:31:36.075	0.5	292.0		4.67		TAS		11.0	0.84	m_e	mb	5.0
ASSE	88.69		P	13:31:44.868	-0.9	292.0		4.67		TAS		20.4	1.28	m_e	mb	5.2
BFO	88.62		P	13:31:43.559	0.3	292.0		4.67		TAS		6.0	0.98	m_e	mb	4.8
BRG	91.06		P	13:31:53.644		292.0		4.67		TAS		3.9	0.90	m_e	mb	4.7
BSEG	87.83		P	13:31:38.600	0.5	292.0		4.67		TAS		5.7	0.72	m_e	mb	5.0
CLZ	88.62		P	13:31:43.281	0.0	292.0		4.67		TAS		4.6	0.75	m_e	mb	4.8
FBE	90.70		P	13:31:52.891		292.0		4.67		TAS		5.9	0.96	m_e	mb	4.9
FLT1	88.94		P	13:31:44.864	1.1	292.0		4.67		TAS		13.2	1.17	m_e	mb	5.1
GEC2	91.74		P	13:31:56.848		292.0		4.67		TAS		5.9	1.12	m_e	mb	4.8
GRA1	89.92		P	13:31:49.565	0.1	292.0		4.67		TAS		29.9	1.33	m_e	mb	5.4
GRA1	89.92		L	14:12:35.281						T__		304.6	19.50	a_e	Ms	4.7
GTTG	88.49		P	13:31:43.229	0.2	292.0		4.67		TAS		11.2	0.95	m_e	mb	5.2
GUNZ	90.32		P	13:31:50.948		292.0		4.67		TAS		19.7	1.36	m_e	mb	5.2
MOX	89.79		P	13:31:47.618	-0.1	292.0		4.67		TAS		3.1	0.85	m_e	mb	4.6
MOX	89.79		L	14:11:50.388						T__		256.5	20.60	a_e	Ms	4.6
NRDL	88.23		P	13:31:41.765	1.5	292.0		4.67		TAS		68.0	1.64	m_e	mb	5.7
ROTZ	90.48		P	13:31:51.693		292.0		4.67		TAS		3.1	1.42	m_e	mb	4.3
STU	89.01		P	13:31:44.934	-0.1	292.0		4.67		TAS		17.4	0.67	m_e	mb	5.4
TANN	90.38		P	13:31:51.255		292.0		4.67		TAS		5.2	0.99	m_e	mb	4.7
TNS	88.05		P	13:31:39.274	0.2	292.0		4.67		TAS		11.0	0.74	m_e	mb	5.3
UBBA	88.77		P	13:31:44.041	0.4	292.0		4.67		TAS		35.2	1.56	m_e	mb	5.4
UBR	89.97		P	13:31:50.465	-0.8	292.0		4.67		TAS		7.2	0.93	m_e	mb	4.9
WERN	90.38		P	13:31:51.443		292.0		4.67		TAS		10.2	1.10	m_e	mb	5.0
WET	91.13		P	13:31:54.904		292.0		4.67		TAS		3.0	0.73	m_e	mb	4.7

WLF 86.83 P 13:31:33.622 0.0 292.0 4.67 TAS 13.6 0.81 m_e mb 5.1

Event 60106005 Southern Italy

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2016/01/06 18:44:51.97 4.65 0.73 40.2070 15.2910 77.8 15.6 163 275.0 26 316 6.32 11.83 m i ke BGR
60106011

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Lists station data for event 60106005.

Event 60107001 Andreanof Islands, Aleutian Islands, United States

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID

2016/01/07 02:52:38.92 52.4500 -177.7400 33.0 19 73.77 79.79 m i ke BGR 60107007

Magnitude Err Nsta Author OrigID
mb 4.7 BGR 60107007

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Lists station data for event 60107005.

Event 60107005 Kuril Islands, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2016/01/07 20:23:45.24 50.0000 153.9800 72.9 3.5 18 73.27 77.83 m i ke BGR
60107011

Magnitude Err Nsta Author OrigID
mb 4.6 BGR 60107011

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Lists station data for event 60107011.

FUR	77.07	pP	20:35:50.344							T__						m_e	
GEC2	75.78	P	20:35:23.056	23.9	5.73					TAS	5.7	1.14	m_e mb			4.6	
GEC2	75.78	pP	20:35:42.734							T__						m_e	
GUNZ	74.78	P	20:35:17.752	23.9	5.73					TAS			m_e				
MANZ	75.18	P	20:35:20.046	23.9	5.73					TAS	2.0	1.14	m_e mb			4.0	
MANZ	75.18	pP	20:35:40.168							T__						m_e	
MOX	74.71	pP	20:35:35.503							T__						m_e	
RJOB	77.04	P	20:35:30.402	23.9	5.73					TAS	3.6	0.89	m_e mb			4.5	
RJOB	77.04	pP	20:35:50.404							T__						m_e	
ROTZ	75.36	P	20:35:21.118	23.9	5.73					TAS	1.1	0.98	m_e mb			3.8	
ROTZ	75.36	pP	20:35:40.405							T__						m_e	
STU	77.06	P	20:35:30.565	23.9	5.73					TAS	31.9	1.13	m_e mb			5.4	
TNS	75.89	P	20:35:23.689	23.9	5.73					TAS	6.6	0.83	m_e mb			4.8	
TNS	75.89	pP	20:35:43.062							T__						m_e	
UBR	77.83	pP	20:35:54.414							T__						m_e	
WERN	74.84	P	20:35:17.591	23.9	5.73					TAS	4.2	0.85	m_e mb			4.5	
WET	75.74	P	20:35:23.253	23.9	5.73					TAS	6.7	0.90	m_e mb			4.8	
WET	75.74	pP	20:35:42.854							T__						m_e	

Event 60108003 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/08	09:07:02.15			36.1300	71.9700				200.0	8.7		23		43.47	46.31	m i ke	BGR
60108009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	60108009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	43.47		P	09:14:45.362	0.0	84.3		8.01		TAS		69.1	1.61	m_e mb	5.1
BSEG	45.52		P	09:15:01.745	-0.2	84.3		8.01		TAS		127.5	1.64	m_e mb	5.7
CLL	44.03		P	09:14:49.368	0.1	84.3		8.01		TAS		49.8	1.57	m_e mb	5.0
CLZ	45.63		P	09:15:02.577	-0.5	84.3		8.01		TAS		41.5	1.35	m_e mb	5.3
FBE	43.84		P	09:14:48.480	-0.5	84.3		8.01		TAS		71.4	1.59	m_e mb	5.2
FLT1	45.06		P	09:14:57.138	0.8	84.3		8.01		TAS		110.7	1.63	m_e mb	5.5
FUR	45.47		P	09:15:01.347	0.1	84.3		8.01		TAS		103.9	1.53	m_e mb	5.6
GEC2	43.78		P	09:14:47.861	0.2	84.3		8.01		TAS		123.1	2.69	m_e mb	5.2
GRA1	45.31		P	09:15:00.690	0.0	84.3		8.01		TAS		93.0	1.73	m_e mb	5.4
GTTG	45.91		P	09:15:04.686		84.3		8.01		TAS		74.2	1.45	m_e mb	5.5
GUNZ	44.53		P	09:14:53.864	0.5	84.3		8.01		TAS		26.3	1.33	m_e mb	5.0
MANZ	44.71		P	09:14:55.529	-0.8	84.3		8.01		TAS		10.8	1.41	m_e mb	4.6
MOX	44.96		P	09:14:57.305	0.4	84.3		8.01		TAS		125.5	2.10	m_e mb	5.5
NEUB	44.81		P	09:14:55.794	0.6	84.3		8.01		TAS		46.9	1.21	m_e mb	5.3
NRDL	45.74		P	09:15:03.410		84.3		8.01		TAS		68.5	1.50	m_e mb	5.5
PLN	44.63		P	09:14:54.474	-0.3	84.3		8.01		TAS		97.1	2.25	m_e mb	5.3
RJOB	44.51		P	09:14:53.087	-0.3	84.3		8.01		TAS		73.4	2.17	m_e mb	5.2

ROTZ	44.66	P	09:14:55.418	0.0	84.3	8.01	TAS	17.8	1.62	m_e	mb	4.7
RUE	43.50	P	09:14:45.187	-0.2	84.3	8.01	TAS	57.9	1.24	m_e	mb	5.2
TANN	44.44	P	09:14:53.253	0.0	84.3	8.01	TAS	55.7	1.72	m_e	mb	5.2
UBBA	45.96	P	09:15:05.130		84.3	8.01	TAS	112.7	1.97	m_e	mb	5.6
UBR	46.31	P	09:15:07.125		84.3	8.01	TAS	30.2	1.24	m_e	mb	5.3
WERD	44.54	P	09:14:53.586	0.3	84.3	8.01	TAS	59.7	1.58	m_e	mb	5.3

Event 60108005 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2016/01/08	13:07:37.92	0.72	0.99	42.6660	19.0520	16.7	10.0	51	10.0			15	333	5.01	10.51	m i ke	BGR	
60108011																		

Magnitude	Err	Nsta	Author	OrigID
ML	4.6		BGR	60108011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ARSA	5.22		Sn	13:09:47.823	-1.8					T__				m_e		
ARSA	5.22		Pn	13:08:53.811	-0.4					T__				m_e		
BFO	9.42		Sn	13:11:27.697	0.2					T__				m_e		
BFO	9.42		Pn	13:09:49.302	-1.4					T__				m_e		
DAVA	7.97		Sn	13:10:54.279	0.4					T__				m_e		
DAVA	7.97		Pn	13:09:32.115	0.8					T__				m_e		
GEC2	7.22		Sn	13:10:36.620	0.3					T__				m_e		
GEC2	7.22		Pn	13:09:21.454	0.3					T__				m_e		
GRA1	8.88		Pn	13:09:43.481	0.0					T__				m_e		
KBA	5.99		Sn	13:10:07.182	-0.4					T__				m_e		
KBA	5.99		Pn	13:09:04.808	0.2					T__				m_e	ML	4.5
MOA	6.19		Sn	13:10:12.337	0.2					T__				m_e		
MOA	6.19		Pn	13:09:08.073	0.9					T__				m_e		
MOX	9.47		Sn	13:11:29.090	0.3					T__				m_e		
MOX	9.47		Pn	13:09:52.731	1.3					T__				m_e		
OBKA	5.01		Sn	13:09:43.702	-1.0					T__				m_e		
OBKA	5.01		Pn	13:08:50.879	-0.5					T__				m_e	ML	4.8
PLONS	8.15		Sn	13:10:59.381	1.5					T__				m_e		
PLONS	8.15		Pn	13:09:34.079	0.5					T__				m_e		
SLE	9.03		Sn	13:11:16.198	-2.2					T__				m_e		
SLE	9.03		Pn	13:09:44.108	-1.4					T__				m_e		
TNS	10.51		Sn	13:11:53.518	0.5					T__				m_e		
TNS	10.51		Pn	13:10:05.113	-0.3					T__				m_e		
UBR	8.06		Pn	13:09:31.557	-0.9					T__				m_e		
WET	7.78		Sn	13:10:49.179	-0.1					T__				m_e		
WET	7.78		Pn	13:09:30.076	1.4					T__				m_e		
WTTA	6.98		Sn	13:10:32.924	2.2					T__				m_e		
WTTA	6.98		Pn	13:09:17.513	-0.5					T__				m_e		

Event 60109003 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/09	14:12:39.05			28.4000	130.1000				31.0	0.7		26		82.22	85.62	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	60109009
MBB	6.1		BGR	60109009
Ms	5.3		BGR	60109009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	83.93		P	14:25:06.458	-0.0	50.8		5.09		TAS		205.8	2.11	a_e	MBB 6.1
BRG	83.11		P	14:25:02.108	-0.5	50.8		5.09		TAS		126.8	1.84	a_e	MBB 6.0
BSEG	82.95		P	14:25:01.451	-0.1	50.8		5.09		TAS		136.5	1.68	m_e	MBB 6.1
BSEG	82.95		pP	14:25:10.423	-0.4	51.1		5.16		TAS				m_e	
CLL	83.31		P	14:25:02.808	0.2	50.8		5.09		TAS		124.2	1.57	a_e	MBB 6.2
CLZ	84.26		P	14:25:08.507	-0.2	50.8		5.09		TAS		182.9	1.57	m_e	MBB 6.3
CLZ	84.26		pP	14:25:17.476		51.1		5.16		TAS				m_e	
FBE	83.38		P	14:25:03.801	-0.3	50.8		5.09		TAS		146.1	1.46	m_e	MBB 6.3
FBE	83.38		pP	14:25:12.803	-0.1	51.1		5.16		TAS				m_e	
FLT1	83.54		P	14:25:04.095	0.0	50.8		5.09		TAS		137.1	1.52	m_e	MBB 6.2
FLT1	83.54		pP	14:25:13.010	0.1	51.1		5.16		TAS				m_e	
GEC2	84.47		P	14:25:08.858	0.1	50.8		5.09		TAS		133.1	2.18	m_e	MBB 5.9
GEC2	84.47		pP	14:25:17.836		51.1		5.16		TAS				m_e	
GRA1	85.21		P	14:25:13.108	0.2	50.8		5.09		TAS		271.5	1.81	a_e	MBB 6.4
GRA1	85.21		L	15:11:34.926						T__		1599.9	18.40	a_e	Ms 5.4
GTTG	84.64		P	14:25:10.158	-0.1	50.8		5.09		TAS		183.6	1.71	a_e	MBB 6.2
GUNZ	84.23		P	14:25:07.994	0.1	50.8		5.09		TAS		237.9	2.25	m_e	MBB 6.1
GUNZ	84.23		pP	14:25:17.020		51.1		5.16		TAS				m_e	
IBBN	85.18		P	14:25:12.458		50.8		5.09		TAS		134.6	1.22	a_e	MBB 6.3
MANZ	84.58		P	14:25:09.728	0.1	50.8		5.09		TAS		49.7	2.22	m_e	MBB 5.4
MANZ	84.58		pP	14:25:18.690		51.1		5.16		TAS				m_e	
MOX	84.41		P	14:25:08.732	0.0	50.8		5.09		TAS		171.1	2.40	m_e	MBB 6.0
MOX	84.41		pP	14:25:17.748		51.1		5.16		TAS				m_e	
MOX	84.41		L	15:08:30.205						T__		1035.7	19.60	a_e	Ms 5.2
NEUB	83.99		P	14:25:06.707	0.0	50.8		5.09		TAS		128.6	1.50	m_e	MBB 6.3
NEUB	83.99		pP	14:25:15.692	-0.2	51.1		5.16		TAS				m_e	
NRDL	83.97		P	14:25:06.772	-0.1	50.8		5.09		TAS		258.0	2.25	m_e	MBB 6.3
PLN	84.24		P	14:25:07.958	0.4	50.8		5.09		TAS		58.2	1.53	a_e	MBB 5.9
PLN	84.24		pP	14:25:17.151		51.1		5.16		TAS				m_e	
RETH	84.16		P	14:25:07.558	0.0	50.8		5.09		TAS		510.5	2.63	a_e	MBB 6.3
RETH	84.16		pP	14:25:16.530	-0.1	51.1		5.16		TAS				m_e	
RJOB	85.62		P	14:25:15.158		50.8		5.09		TAS		102.6	1.60	a_e	MBB 5.9
ROTZ	84.67		P	14:25:10.308	0.0	50.8		5.09		TAS		68.9	2.21	a_e	MBB 5.6
ROTZ	84.67		pP	14:25:19.351		51.1		5.16		TAS				m_e	

RUE	82.22	P	14:24:57.955	0.1	50.8	5.09	TAS	299.8	1.69	m_e	MBB	6.3
TANN	84.14	P	14:25:07.358	-0.1	50.8	5.09	TAS	142.5	2.13	a_e	MBB	5.9
TANN	84.14	pP	14:25:16.357	-0.2	51.1	5.16	TAS			m_e		
UBBA	85.09	P	14:25:12.208	-0.3	50.8	5.09	TAS	227.4	2.23	a_e	MBB	6.2
WERD	84.19	P	14:25:07.691	-0.0	50.8	5.09	TAS	122.4	2.00	m_e	MBB	5.8
WERN	84.26	P	14:25:08.158	-0.1	50.8	5.09	TAS	194.6	2.27	a_e	MBB	5.9
WERN	84.26	pP	14:25:17.148		51.1	5.16	TAS			m_e		
WET	84.71	P	14:25:10.408	0.2	50.8	5.09	TAS	101.6	2.00	m_e	MBB	5.8

Event 60110003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/10	17:10:53.66			-20.4900	-178.8300				619.2			29		145.88	151.23	m i ke	BGR
60110009																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.56		PKPbc	17:29:29.012	0.4	17.1		2.43		TAS				m_e	
BRG	148.05		PKPbc	17:29:30.489	0.2	17.1		2.43		TAS				m_e	
BRG	148.05		PKPab	17:29:35.594	0.2	16.8		4.30		TAS				m_e	
BSEG	145.88		PKPbc	17:29:24.639	-0.3	17.1		2.43		TAS				m_e	
CLL	147.87		PKPbc	17:29:29.839	0.4	17.1		2.43		TAS				m_e	
CLL	147.87		PKPab	17:29:34.541	-0.1	16.8		4.30		TAS				m_e	
CLZ	147.89		PKPbc	17:29:30.196	0.1	17.1		2.43		TAS				m_e	
CLZ	147.89		PKPab	17:29:34.872	-0.0	16.8		4.30		TAS				m_e	
FBE	148.15		PKPbc	17:29:31.004	0.1	17.1		2.43		TAS				m_e	
FBE	148.15		PKPab	17:29:36.224	0.3	16.8		4.30		TAS				m_e	
FLT1	147.27		PKPbc	17:29:28.042	-0.0	17.1		2.43		TAS				m_e	
FLT1	147.27		PKPab	17:29:31.661	0.3	16.8		4.30		TAS				m_e	
FUR	151.21		PKPbc	17:29:37.550		17.1		2.43		TAS				m_e	
FUR	151.21		PKPab	17:29:49.029		16.8		4.30		TAS				m_e	
GEC2	149.97		PKPbc	17:29:34.928		17.1		2.43		TAS				m_e	
GEC2	149.97		pPKPbc	17:31:55.674						T__				m_e	
GRA1	149.78		PKPab	17:29:43.049		16.8		4.30		TAS				m_e	
GTTG	148.25		PKPbc	17:29:30.881	0.1	17.1		2.43		TAS				m_e	
GTTG	148.25		PKPab	17:29:36.399	0.2	16.8		4.30		TAS				m_e	
GUNZ	148.91		PKPbc	17:29:32.590	0.1	17.1		2.43		TAS				m_e	
GUNZ	148.91		PKPab	17:29:39.399		16.8		4.30		TAS				m_e	
IBBN	147.83		PKPbc	17:29:29.667	-0.0	17.1		2.43		TAS				m_e	
MANZ	149.31		PKPbc	17:29:33.496	0.2	17.1		2.43		TAS				m_e	
MOX	148.80		PKPbc	17:29:32.170	0.1	17.1		2.43		TAS				m_e	
MOX	148.80		PKPab	17:29:38.440	-0.1	16.8		4.30		TAS				m_e	
NEUB	148.24		PKPbc	17:29:30.827	0.1	17.1		2.43		TAS				m_e	
NEUB	148.24		PKPab	17:29:36.035	-0.1	16.8		4.30		TAS				m_e	
NRDL	147.31		PKPbc	17:29:28.371	-0.1	17.1		2.43		TAS				m_e	

PLN	148.83	PKPbc	17:29:32.232	0.2	17.1	2.43	TAS	m_e
PLN	148.83	PKPab	17:29:38.718	0.1	16.8	4.30	TAS	m_e
RETH	147.19	PKPbc	17:29:28.187	-0.1	17.1	2.43	TAS	m_e
RJOB	151.23	PKPab	17:29:49.604		16.8	4.30	TAS	m_e
ROTZ	149.49	PKPbc	17:29:33.828	-0.3	17.1	2.43	TAS	m_e
RUE	146.61	PKPbc	17:29:26.492	-0.3	17.1	2.43	TAS	m_e
STU	151.06	PKPbc	17:29:37.241		17.1	2.43	TAS	m_e
STU	151.06	PKPab	17:29:47.973		16.8	4.30	TAS	m_e
TANN	148.83	PKPbc	17:29:32.295	0.1	17.1	2.43	TAS	m_e
TANN	148.83	PKPab	17:29:38.825		16.8	4.30	TAS	m_e
TNS	149.77	PKPbc	17:29:34.480		17.1	2.43	TAS	m_e
WERD	148.83	PKPbc	17:29:32.272	0.0	17.1	2.43	TAS	m_e
WERD	148.83	PKPab	17:29:38.741		16.8	4.30	TAS	m_e
WERN	148.97	PKPab	17:29:39.713		16.8	4.30	TAS	m_e
WET	149.91	PKPbc	17:29:35.089		17.1	2.43	TAS	m_e
WET	149.91	PKPab	17:29:43.626		16.8	4.30	TAS	m_e
WLF	150.62	PKPbc	17:29:36.837		17.1	2.43	TAS	m_e

Event 60110004 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/10	17:40:47.90			39.5800	34.3600				4.0			20		17.42	21.11	m i ke	ISK
60110100																	

Magnitude Err Nsta Author
mb 4.6 BGR

OrigID
60110010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	18.22		P	17:45:03.444	-0.1	112.9		11.37		TAS		50.2	1.34	m_e mb	4.5
CLL	18.95		P	17:45:12.091	0.4	112.9		11.37		TAS		117.7	1.62	m_e mb	4.9
CLZ	20.65		P	17:45:29.975		112.9		11.37		TAS				m_e	
FBE	18.56		P	17:45:08.007	0.1	112.9		11.37		TAS		108.1	1.38	m_e mb	4.9
FLT1	20.41		P	17:45:26.869		112.9		11.37		TAS		65.8	1.14	m_e mb	4.8
GEC2	17.42		P	17:44:56.048	-0.6	112.9		11.37		TAS		78.8	1.25	m_e mb	4.7
GRA1	19.25		P	17:45:16.593	1.0	112.9		11.37		TAS		91.1	1.91	m_e mb	4.7
GUNZ	18.88		P	17:45:11.415	-0.1	112.9		11.37		TAS		43.7	0.98	m_e mb	4.6
MOX	19.41		P	17:45:18.305	-0.2	112.9		11.37		TAS		38.3	1.32	m_e mb	4.5
NEUB	19.57		P	17:45:19.977	-0.3	112.9		11.37		TAS		93.2	1.37	m_e mb	4.8
PLN	19.03		P	17:45:13.503	0.4	112.9		11.37		TAS		25.8	1.00	m_e mb	4.4
ROTZ	18.69		P	17:45:10.318	-0.5	112.9		11.37		TAS		6.2	1.16	m_e mb	3.7
RUE	19.16		P	17:45:13.276	0.6	112.9		11.37		TAS		125.7	1.36	m_e mb	5.0
STU	20.18		P	17:45:26.511	-1.4	112.9		11.37		TAS		326.1	1.71	m_e mb	5.3
TANN	18.83		P	17:45:10.898	-0.4	112.9		11.37		TAS		45.4	1.10	m_e mb	4.6
TNS	21.11		P	17:45:34.672		112.9		11.37		TAS				m_e	
UBR	19.28		P	17:45:15.623	0.9	112.9		11.37		TAS		33.2	1.22	m_e mb	4.4
WERD	18.93		P	17:45:12.092	0.8	112.9		11.37		TAS		89.8	1.72	m_e mb	4.7

WERN	18.82	P	17:45:12.168	-0.6	112.9	11.37	TAS	24.1	0.97	m_e	mb	4.4
WET	18.04	P	17:45:02.934	-0.8	112.9	11.37	TAS	57.3	1.19	m_e	mb	4.6

Event 60111002 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/11	06:26:46.14			41.0790	142.8870				33.0					80.13	80.13	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	60111008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	80.13		P	06:38:51.588		35.4		4.51		TAS		19.1	0.98	m_e	mb	5.0

Event 60111005 Talaud Islands, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/11	16:38:09.50			3.8700	126.9700				40.0				26	100.80	105.62	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	102.69		Pdiff	16:52:04.107	0.3	67.9		4.48		TAS				m_e	
BFO	105.62		Pdiff	16:52:16.366		67.9		4.48		TAS				m_e	
BRG	101.27		Pdiff	16:51:57.399	0.2	67.9		4.48		TAS				m_e	
BSEG	102.16		Pdiff	16:52:00.933	-0.4	67.9		4.48		TAS				m_e	
CLL	101.67		Pdiff	16:51:58.778	-0.1	67.9		4.48		TAS				m_e	
CLZ	102.98		Pdiff	16:52:05.513	-0.5	67.9		4.48		TAS				m_e	
FBE	101.60		Pdiff	16:51:59.057	-0.4	67.9		4.48		TAS				m_e	
FLT1	102.29		Pdiff	16:52:01.637	-0.1	67.9		4.48		TAS				m_e	
GEC2	102.12		Pdiff	16:52:01.079	-0.7	67.9		4.48		TAS				m_e	
GRA1	103.33		Pdiff	16:52:06.797	0.1	67.9		4.48		TAS				m_e	
GTTG	103.33		Pdiff	16:52:06.800	0.3	67.9		4.48		TAS				m_e	
GUNZ	102.41		Pdiff	16:52:02.613	0.2	67.9		4.48		TAS				m_e	
MANZ	102.68		Pdiff	16:52:04.008	0.3	67.9		4.48		TAS				m_e	
MOX	102.73		Pdiff	16:52:03.868	0.2	67.9		4.48		TAS				m_e	
NEUB	102.43		Pdiff	16:52:02.404	-0.1	67.9		4.48		TAS				m_e	
NRDL	102.86		Pdiff	16:52:04.827	0.4	67.9		4.48		TAS				m_e	
PLN	102.47		Pdiff	16:52:02.683	0.1	67.9		4.48		TAS				m_e	
RETH	103.17		Pdiff	16:52:06.194	0.2	67.9		4.48		TAS				m_e	
RJOB	103.08		Pdiff	16:52:04.984	0.1	67.9		4.48		TAS				m_e	

ROTZ	102.71	Pdiff	16:52:04.073	-0.0	67.9	4.48	TAS	m_e
RUE	100.80	Pdiff	16:51:55.431	0.0	67.9	4.48	TAS	m_e
TANN	102.31	Pdiff	16:52:01.916	-0.1	67.9	4.48	TAS	m_e
TNS	104.75	Pdiff	16:52:13.299		67.9	4.48	TAS	m_e
WERD	102.39	Pdiff	16:52:02.265	0.1	67.9	4.48	TAS	m_e
WERN	102.41	Pdiff	16:52:02.683	-0.2	67.9	4.48	TAS	m_e
WET	102.53	Pdiff	16:52:03.032	0.3	67.9	4.48	TAS	m_e

Event 60111006 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/11	17:08:07.67			45.1400	141.6600				243.9	2.2		36		71.44	78.34	m i ke	BGR
OrigID																	
60111012																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.3		BGR	60111012
MBB	6.4		BGR	60111012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.88		P	17:19:32.353	0.0	33.7		5.67		TAS		253.4	1.05	a_e	MBB 6.5
AHRW	76.88		pP	17:20:29.804		33.4		5.87		TAS				m_e	
AHRW	76.88		S	17:29:02.447						T__				m_e	
ASSE	74.33		P	17:19:17.794	-0.1	33.7		5.67		TAS		631.3	2.00	m_e	MBB 6.4
ASSE	74.33		pP	17:20:15.102	0.1	33.4		5.87		TAS				m_e	
BFO	78.34		P	17:19:40.303	-0.4	33.7		5.67		TAS		564.3	1.85	a_e	MBB 6.5
BRG	74.20		P	17:19:16.985	-0.2	33.7		5.67		TAS		159.2	1.10	m_e	MBB 6.3
BRG	74.20		pP	17:20:13.795	0.3	33.4		5.87		TAS				m_e	
BSEG	72.95		P	17:19:10.137	0.1	33.7		5.67		TAS		730.3	1.83	m_e	MBB 6.5
BUG	76.05		P	17:19:27.453	-0.1	33.7		5.67		TAS		248.1	0.97	a_e	MBB 6.6
BUG	76.05		pP	17:20:24.929		33.4		5.87		TAS				m_e	
CLL	74.19		P	17:19:16.704	-0.4	33.7		5.67		TAS		290.3	0.81	m_e	MBB 6.5
CLL	74.19		pP	17:20:13.422	-0.1	33.4		5.87		TAS				m_e	
CLL	74.19		S	17:28:30.736						T__				m_e	
CLZ	74.67		P	17:19:20.246	0.4	33.7		5.67		TAS		850.0	1.73	m_e	MBB 6.6
CLZ	74.67		pP	17:20:17.144	0.3	33.4		5.87		TAS				m_e	
FBE	74.38		P	17:19:18.280	0.1	33.7		5.67		TAS		252.2	0.98	m_e	MBB 6.5
FBE	74.38		pP	17:20:15.102	0.1	33.4		5.87		TAS				m_e	
FBE	74.38		S	17:28:34.049						T__				m_e	
FLT1	73.97		P	17:19:15.396	-0.5	33.7		5.67		TAS		840.9	1.77	m_e	MBB 6.5
FLT1	73.97		S	17:28:29.001						T__				m_e	
FUR	77.42		P	17:19:35.603	0.1	33.7		5.67		TAS		320.6	0.96	a_e	MBB 6.8
GEC2	75.95		P	17:19:26.974	-0.1	33.7		5.67		TAS		1021.2	2.72	m_e	MBB 6.3
GEC2	75.95		pP	17:20:24.419	-0.4	33.4		5.87		TAS				m_e	
GEC2	75.95		S	17:28:52.823						T__				m_e	
GRA1	76.17		P	17:19:28.819	0.5	33.7		5.67		TAS		355.7	0.95	m_e	mb 6.5
GRA1	76.17		pP	17:20:26.205		33.4		5.87		TAS				m_e	

GRA1	76.17	S	17:28:54.559				T__			m_e		
GTTG	75.06	P	17:19:22.227	0.2	33.7	5.67	TAS	415.8	1.58	m_e	MBB	6.4
GUNZ	75.21	P	17:19:23.003	0.1	33.7	5.67	TAS	406.2	1.75	a_e	MBB	6.3
GUNZ	75.21	pP	17:20:20.462	0.1	33.4	5.87	TAS			m_e		
GUNZ	75.21	S	17:28:43.989				T__			m_e		
HLG	73.52	P	17:19:13.485	0.4	33.7	5.67	TAS	534.8	1.14	m_e	MBB	6.6
IBBN	75.15	P	17:19:22.575	0.1	33.7	5.67	TAS	251.0	0.85	m_e	MBB	6.4
IBBN	75.15	pP	17:20:19.569	-0.0	33.4	5.87	TAS			m_e		
IBBN	75.15	S	17:28:41.780				T__			m_e		
MANZ	75.60	P	17:19:25.203	0.1	33.7	5.67	TAS	56.3	1.66	a_e	MBB	5.8
MANZ	75.60	pP	17:20:22.377	0.0	33.4	5.87	TAS			m_e		
MOX	75.24	P	17:19:23.003	-0.1	33.7	5.67	TAS	250.8	1.36	m_e	MBB	6.3
MOX	75.24	pP	17:20:20.207	0.1	33.4	5.87	TAS			m_e		
MOX	75.24	S	17:28:43.515				T__			m_e		
NEUB	74.73	P	17:19:19.908	-0.2	33.7	5.67	TAS	548.8	1.54	m_e	MBB	6.5
NRDL	74.22	P	17:19:17.287	0.1	33.7	5.67	TAS	699.6	2.00	m_e	MBB	6.4
NRDL	74.22	pP	17:20:14.081	-0.1	33.4	5.87	TAS			m_e		
PLN	75.17	P	17:19:22.703	0.0	33.7	5.67	TAS	432.7	1.80	a_e	MBB	6.3
PLN	75.17	pP	17:20:19.952	0.0	33.4	5.87	TAS			m_e		
PLN	75.17	S	17:28:43.357				T__			m_e		
RETH	74.26	P	17:19:17.612	0.1	33.7	5.67	TAS	372.2	1.20	m_e	MBB	6.5
RETH	74.26	pP	17:20:14.464	0.1	33.4	5.87	TAS			m_e		
RGN	71.44	P	17:19:01.225	-0.3	33.7	5.67	TAS	1175.5	1.61	m_e	MBB	6.7
RJOB	77.21	P	17:19:34.563	0.4	33.7	5.67	TAS	185.8	1.00	m_e	MBB	6.3
RJOB	77.21	pP	17:20:32.076		33.4	5.87	TAS			m_e		
ROTZ	75.75	P	17:19:26.303	0.3	33.7	5.67	TAS	186.9	2.10	a_e	MBB	5.9
ROTZ	75.75	pP	17:20:23.270	0.2	33.4	5.87	TAS			m_e		
RUE	72.96	P	17:19:09.970	-0.2	33.7	5.67	TAS	1082.3	1.73	m_e	MBB	6.6
STU	77.67	P	17:19:36.680	-0.1	33.7	5.67	TAS	489.2	1.00	m_e	MBB	6.8
STU	77.67	pP	17:20:34.059		33.4	5.87	TAS			m_e		
TANN	75.12	P	17:19:22.403	-0.0	33.7	5.67	TAS	342.5	1.77	a_e	MBB	6.4
TANN	75.12	pP	17:20:19.441	-0.0	33.4	5.87	TAS			m_e		
TNS	76.69	P	17:19:31.303	0.0	33.7	5.67	TAS	994.6	2.57	a_e	MBB	6.4
TNS	76.69	pP	17:20:28.758		33.4	5.87	TAS			m_e		
TNS	76.69	S	17:29:00.396				T__			m_e		
UBBA	75.66	P	17:19:25.179	-0.3	33.7	5.67	TAS	452.5	1.71	m_e	MBB	6.5
UBBA	75.66	pP	17:20:22.504	0.1	33.4	5.87	TAS			m_e		
UBR	78.26	P	17:19:39.755	-0.4	33.7	5.67	TAS	115.8	1.26	m_e	MBB	6.2
WERD	75.15	P	17:19:22.553	-0.0	33.7	5.67	TAS	388.8	1.74	a_e	MBB	6.2
WERD	75.15	pP	17:20:19.824	-0.2	33.4	5.87	TAS			m_e		
WERN	75.26	P	17:19:23.303	0.1	33.7	5.67	TAS	372.3	1.73	a_e	MBB	6.3
WERN	75.26	pP	17:20:20.718	0.5	33.4	5.87	TAS			m_e		
WET	76.02	P	17:19:27.803	0.3	33.7	5.67	TAS	1686.3	2.66	a_e	MBB	6.5
WET	76.02	pP	17:20:24.929	-0.3	33.4	5.87	TAS			m_e		
WET	76.02	S	17:28:53.297				T__			m_e		
WLF	77.94	P	17:19:38.181	-0.1	33.7	5.67	TAS	305.2	1.51	m_e	MBB	6.4
WLF	77.94	pP	17:20:35.608		33.4	5.87	TAS			m_e		

Event 60111007 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/11	22:19:56.71			-22.5000	-178.2500				557.0	2.5		35		147.95	154.00	m i ke	BGR
OrigID																	
60111013																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	151.70		PKPbc	22:38:48.589	0.1	21.1		2.22		TAS					a_e
AHRW	151.70		PKPab	22:39:00.595						T__					m_e
ASSE	149.63		PKPbc	22:38:43.689	-0.2	21.1		2.22		TAS					a_e
ASSE	149.63		pPKPbc	22:40:52.424	0.1	21.3		2.48		TAS					m_e
BFO	153.69		PKPbc	22:38:52.489		21.1		2.22		TAS					a_e
BFO	153.69		PKPab	22:39:08.632						T__					m_e
BRG	150.12		PKPbc	22:38:44.439	0.3	21.1		2.22		TAS					a_e
BRG	150.12		pPKPbc	22:40:53.342	-0.0	21.3		2.48		TAS					m_e
BSEG	147.95		PKPbc	22:38:39.689	-0.2	21.1		2.22		TAS					a_e
BUG	150.79		PKPbc	22:38:46.389	-0.1	21.1		2.22		TAS					a_e
CLL	149.94		PKPbc	22:38:43.939	-0.1	21.1		2.22		TAS					a_e
CLL	149.94		PKPab	22:38:52.074	0.0					T__					m_e
CLL	149.94		pPKPbc	22:40:53.357	0.3	21.3		2.48		TAS					m_e
CLZ	149.96		PKPbc	22:38:44.689	0.0	21.1		2.22		TAS					m_e
CLZ	149.96		PKPab	22:38:52.978	-0.1					T__					m_e
CLZ	149.96		pPKPbc	22:40:53.571	0.3	21.3		2.48		TAS					m_e
FBE	150.22		PKPbc	22:38:44.989	0.1	21.1		2.22		TAS					a_e
FBE	150.22		PKPab	22:38:53.753	0.3					T__					m_e
FBE	150.22		pPKPbc	22:40:54.044	-0.4	21.3		2.48		TAS					m_e
FLT1	149.34		PKPbc	22:38:42.689	0.0	21.1		2.22		TAS					a_e
FLT1	149.34		PKPab	22:38:49.733	-0.0					T__					m_e
FUR	153.28		PKPbc	22:38:51.258	-0.4	21.1		2.22		TAS					m_e
FUR	153.28		PKPab	22:39:06.758						T__					m_e
GEC2	152.05		PKPbc	22:38:48.489	0.0	21.1		2.22		TAS					a_e
GEC2	152.05		pPKPbc	22:40:58.020		21.3		2.48		TAS					m_e
GRA1	151.85		PKPbc	22:38:48.556	0.0	21.1		2.22		TAS					m_e
GRA1	151.85		PKPab	22:39:00.977						T__					m_e
GTTG	150.31		PKPbc	22:38:45.337	0.1	21.1		2.22		TAS					m_e
GTTG	150.31		PKPab	22:38:54.569	0.1					T__					m_e
GTTG	150.31		pPKPbc	22:40:54.660		21.3		2.48		TAS					m_e
GUNZ	150.98		PKPbc	22:38:46.689	0.4	21.1		2.22		TAS					a_e
GUNZ	150.98		PKPab	22:38:57.201	-0.1					T__					m_e
GUNZ	150.98		pPKPbc	22:40:55.922		21.3		2.48		TAS					m_e
HLG	148.02		PKPbc	22:38:40.339	-0.3	21.1		2.22		TAS					a_e
IBBN	149.89		PKPbc	22:38:44.550	0.3	21.1		2.22		TAS					m_e
IBBN	149.89		PKPab	22:38:53.137	-0.0					T__					m_e
IBBN	149.89		pPKPbc	22:40:53.514	0.1	21.3		2.48		TAS					m_e
MANZ	151.38		PKPbc	22:38:47.388	-0.1	21.1		2.22		TAS					m_e

MANZ	151.38	pPKPbc	22:40:57.068		21.3		2.48	TAS		m_e
MOX	150.87	PKPbc	22:38:46.289	0.3	21.1		2.22	TAS		a_e
MOX	150.87	PKPab	22:38:56.344	-0.4				T__		m_e
NEUB	150.31	PKPbc	22:38:45.075	0.2	21.1		2.22	TAS		m_e
NEUB	150.31	PKPab	22:38:54.072	-0.2				T__		m_e
NEUB	150.31	pPKPbc	22:40:54.316		21.3		2.48	TAS		m_e
NRDL	149.37	PKPbc	22:38:43.139	0.1	21.1		2.22	TAS		a_e
NRDL	149.37	pPKPbc	22:40:51.966	0.2	21.3		2.48	TAS		m_e
PLN	150.90	PKPbc	22:38:46.289	0.1	21.1		2.22	TAS		a_e
PLN	150.90	PKPab	22:38:56.521	-0.1				T__		m_e
RETH	149.25	PKPbc	22:38:42.939	0.0	21.1		2.22	TAS		a_e
RJOB	153.30	PKPab	22:39:06.721					T__		m_e
ROTZ	151.56	PKPbc	22:38:47.626	0.2	21.1		2.22	TAS		m_e
ROTZ	151.56	PKPab	22:38:59.437					T__		m_e
RUE	148.68	PKPbc	22:38:40.998	-0.2	21.1		2.22	TAS		m_e
STU	153.12	PKPbc	22:38:51.339	-0.2	21.1		2.22	TAS		a_e
STU	153.12	PKPab	22:39:06.193					T__		m_e
TANN	150.90	PKPbc	22:38:46.389	0.1	21.1		2.22	TAS		a_e
TANN	150.90	PKPab	22:38:56.514	0.3				T__		m_e
TNS	151.84	PKPbc	22:38:48.747	0.3	21.1		2.22	TAS		m_e
TNS	151.84	PKPab	22:39:00.954					T__		m_e
TNS	151.84	pPKPbc	22:40:58.272		21.3		2.48	TAS		m_e
UBBA	151.01	PKPbc	22:38:46.506	0.1	21.1		2.22	TAS		m_e
UBBA	151.01	PKPab	22:38:57.085	0.0				T__		m_e
UBR	154.00	PKPbc	22:38:52.789		21.1		2.22	TAS		a_e
WERD	150.90	PKPbc	22:38:46.339	0.0	21.1		2.22	TAS		a_e
WERD	150.90	PKPab	22:38:56.428	-0.1				T__		m_e
WERN	151.04	PKPbc	22:38:46.939	-0.2	21.1		2.22	TAS		a_e
WERN	151.04	PKPab	22:38:57.449	-0.1				T__		m_e
WET	151.99	PKPbc	22:38:48.639	-0.3	21.1		2.22	TAS		a_e
WET	151.99	PKPab	22:39:01.068					T__		m_e
WLF	152.67	PKPbc	22:38:51.189	0.0	21.1		2.22	TAS		a_e
WLF	152.67	PKPab	22:39:05.259					T__		m_e

Event 60112003 Southwest Indian Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/12	09:45:15.75			-30.4540	58.6590				33.0					90.24	90.24	m i ke	BGR
60112009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	60112009
MBB	6.1		BGR	60112009
Ms	5.1		BGR	60112009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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GRA1	90.24	P	09:58:14.746	133.9	5.69	TAS	72.8	1.35	m_e	mb	5.7
GRA1	90.24	L	10:45:23.171			T__	609.5	18.80	a_e	Ms	5.1

Event 60112005 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/12	20:04:53.72			36.1000	71.9200				239.6	3.9		35		43.45	48.56	m i ke	BGR
OrigID 60112011																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.1		BGR	60112011
MBB	6.3		BGR	60112011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	47.83		P	20:13:07.720	-0.1	85.1		7.84		TAS		195.9	1.18	a_e	MBB 6.3
AHRW	47.83		pP	20:13:59.074		84.6		8.08		TAS				m_e	
AHRW	47.83		sP	20:14:26.325		85.0		7.98		TAS				m_e	
ASSE	45.41		P	20:12:48.207	-0.6	85.1		7.84		TAS		313.6	2.00	m_e	MBB 6.1
ASSE	45.41		pP	20:13:39.099	-0.3	84.6		8.08		TAS				m_e	
ASSE	45.41		sP	20:14:06.185	0.5	85.0		7.98		TAS				m_e	
BFO	47.37		P	20:13:03.396	-0.4	85.1		7.84		TAS		134.7	1.23	m_e	MBB 6.1
BFO	47.37		sP	20:14:21.760	0.2	85.0		7.98		TAS				m_e	
BRG	43.45		P	20:12:33.270	-0.3	85.1		7.84		TAS		378.9	1.31	a_e	MBB 6.1
BRG	43.45		pP	20:13:23.463	-0.3	84.6		8.08		TAS				m_e	
BRG	43.45		sP	20:13:51.140	-0.1	85.0		7.98		TAS				m_e	
BSEG	45.51		P	20:12:49.770	0.6	85.1		7.84		TAS		474.0	1.35	a_e	MBB 6.5
BSEG	45.51		pP	20:13:40.433	0.8	84.6		8.08		TAS				m_e	
BSEG	45.51		sP	20:14:07.798	-0.3	85.0		7.98		TAS				m_e	
BUG	47.58		P	20:13:05.570	-0.3	85.1		7.84		TAS		393.3	1.29	a_e	MBB 6.6
BUG	47.58		pP	20:13:56.641	0.0	84.6		8.08		TAS				m_e	
BUG	47.58		sP	20:14:23.951		85.0		7.98		TAS				m_e	
CLL	44.02		P	20:12:37.320	-0.7	85.1		7.84		TAS		267.0	1.39	m_e	MBB 6.0
CLL	44.02		pP	20:13:27.578	-0.8	84.6		8.08		TAS				m_e	
CLL	44.02		sP	20:13:54.856	-0.9	85.0		7.98		TAS				m_e	
CLL	44.02		PP	20:14:21.718						T__				m_e	
CLZ	45.62		P	20:12:50.420	-0.1	85.1		7.84		TAS		429.2	1.31	a_e	MBB 6.5
CLZ	45.62		pP	20:13:40.958	-0.2	84.6		8.08		TAS				m_e	
CLZ	45.62		sP	20:14:08.215	0.1	85.0		7.98		TAS				m_e	
FBE	43.82		P	20:12:36.470	0.0	85.1		7.84		TAS		444.5	1.31	a_e	MBB 6.1
FBE	43.82		pP	20:13:26.828	0.1	84.6		8.08		TAS				m_e	
FBE	43.82		sP	20:13:54.340	0.2	85.0		7.98		TAS				m_e	
FBE	43.82		PP	20:14:20.523						T__				m_e	
FLT1	45.05		P	20:12:45.320	-0.7	85.1		7.84		TAS		591.8	1.32	m_e	MBB 6.5
FLT1	45.05		pP	20:13:36.061	-0.4	84.6		8.08		TAS				m_e	
FLT1	45.05		sP	20:14:03.397	0.7	85.0		7.98		TAS				m_e	
FUR	45.45		P	20:12:49.170	0.6	85.1		7.84		TAS		628.3	1.33	a_e	MBB 6.6

FUR	45.45	pP	20:13:39.840	0.4	84.6	8.08	TAS			m_e		
FUR	45.45	sP	20:14:07.075	0.7	85.0	7.98	TAS			m_e		
GEC2	43.77	P	20:12:35.641	0.1	85.1	7.84	TAS	156.3	1.35	m_e	MBB	5.8
GEC2	43.77	pP	20:13:26.057	0.1	84.6	8.08	TAS			m_e		
GEC2	43.77	sP	20:13:53.194	-0.1	85.0	7.98	TAS			m_e		
GEC2	43.77	PP	20:14:20.190				T__			m_e		
GRA1	45.29	P	20:12:48.670	0.8	85.1	7.84	TAS	571.1	1.42	a_e	MBB	6.5
GRA1	45.29	pP	20:13:39.173	0.6	84.6	8.08	TAS			m_e		
GRA1	45.29	sP	20:14:06.429	-0.6	85.0	7.98	TAS			m_e		
GTTG	45.90	P	20:12:52.744	0.0	85.1	7.84	TAS	628.9	1.32	m_e	MBB	6.6
GTTG	45.90	pP	20:13:43.471	0.0	84.6	8.08	TAS			m_e		
GTTG	45.90	sP	20:14:10.954	-0.3	85.0	7.98	TAS			m_e		
GUNZ	44.51	P	20:12:41.870	0.1	85.1	7.84	TAS	269.8	1.36	a_e	MBB	6.1
GUNZ	44.51	pP	20:13:32.430	0.1	84.6	8.08	TAS			m_e		
GUNZ	44.51	sP	20:13:59.941	0.1	85.0	7.98	TAS			m_e		
GUNZ	44.51	PP	20:14:27.409				T__			m_e		
HLG	46.92	P	20:13:00.594	0.5	85.1	7.84	TAS	1070.5	1.40	m_e	MBB	6.9
IBBN	47.18	P	20:13:02.520	-0.1	85.1	7.84	TAS	737.6	1.37	a_e	MBB	6.8
IBBN	47.18	pP	20:13:53.638	-0.4	84.6	8.08	TAS			m_e		
IBBN	47.18	sP	20:14:20.534	-0.2	85.0	7.98	TAS			m_e		
MANZ	44.69	P	20:12:43.570	0.4	85.1	7.84	TAS	69.0	1.33	a_e	MBB	5.7
MANZ	44.69	pP	20:13:34.060	0.3	84.6	8.08	TAS			m_e		
MANZ	44.69	sP	20:14:01.592	-0.1	85.0	7.98	TAS			m_e		
MOX	44.95	P	20:12:45.170	-0.1	85.1	7.84	TAS	290.4	1.35	a_e	MBB	6.3
MOX	44.95	pP	20:13:35.616	-0.2	84.6	8.08	TAS			m_e		
MOX	44.95	sP	20:14:03.191	-0.5	85.0	7.98	TAS			m_e		
NEUB	44.80	P	20:12:43.788	-0.3	85.1	7.84	TAS	472.7	1.27	m_e	MBB	6.4
NEUB	44.80	pP	20:13:34.505	-0.1	84.6	8.08	TAS			m_e		
NEUB	44.80	sP	20:14:01.860	0.1	85.0	7.98	TAS			m_e		
NRDL	45.73	P	20:12:51.520	0.3	85.1	7.84	TAS	483.9	1.41	a_e	MBB	6.5
NRDL	45.73	pP	20:13:42.137	0.2	84.6	8.08	TAS			m_e		
NRDL	45.73	sP	20:14:09.400	0.2	85.0	7.98	TAS			m_e		
PLN	44.61	P	20:12:42.520	-0.1	85.1	7.84	TAS	213.3	1.36	a_e	MBB	6.2
PLN	44.61	pP	20:13:33.097	-0.0	84.6	8.08	TAS			m_e		
PLN	44.61	sP	20:14:00.293	0.3	85.0	7.98	TAS			m_e		
PLN	44.61	PP	20:14:28.415				T__			m_e		
RETH	46.16	P	20:12:54.720	0.1	85.1	7.84	TAS	265.0	1.39	a_e	MBB	6.4
RETH	46.16	pP	20:13:45.324	-0.0	84.6	8.08	TAS			m_e		
RETH	46.16	sP	20:14:12.819	0.0	85.0	7.98	TAS			m_e		
RGN	43.73	P	20:12:35.670	0.7	85.1	7.84	TAS	1509.2	1.35	a_e	MBB	6.6
RGN	43.73	pP	20:13:25.909	0.9	84.6	8.08	TAS			m_e		
RGN	43.73	sP	20:13:53.424	0.8	85.0	7.98	TAS			m_e		
ROTZ	44.65	P	20:12:43.282	0.5	85.1	7.84	TAS	106.7	1.42	m_e	MBB	5.8
ROTZ	44.65	pP	20:13:33.615	0.3	84.6	8.08	TAS			m_e		
ROTZ	44.65	sP	20:14:00.971	0.6	85.0	7.98	TAS			m_e		
RUE	43.49	P	20:12:32.970	-0.7	85.1	7.84	TAS	472.3	1.34	a_e	MBB	6.2
RUE	43.49	pP	20:13:23.019	-0.8	84.6	8.08	TAS			m_e		
RUE	43.49	sP	20:13:50.828	-0.6	85.0	7.98	TAS			m_e		
STU	46.73	P	20:12:59.061	0.1	85.1	7.84	TAS	577.4	1.25	m_e	MBB	6.9

STU	46.73	pP	20:13:50.154	0.1	84.6	8.08	TAS										m_e
STU	46.73	sP	20:14:17.305	-0.1	85.0	7.98	TAS										m_e
TANN	44.43	P	20:12:41.088	-0.0	85.1	7.84	TAS	248.4	1.38								m_e MBB 6.0
TANN	44.43	pP	20:13:31.689	0.1	84.6	8.08	TAS										m_e
TANN	44.43	sP	20:13:58.926	-0.0	85.0	7.98	TAS										m_e
TANN	44.43	PP	20:14:26.633				T__										m_e
TNS	47.01	P	20:13:01.220	-0.1	85.1	7.84	TAS	176.9	1.25								a_e MBB 6.2
TNS	47.01	pP	20:13:52.421	0.0	84.6	8.08	TAS										m_e
TNS	47.01	sP	20:14:19.430	-0.3	85.0	7.98	TAS										m_e
UBBA	45.95	P	20:12:52.729	-0.4	85.1	7.84	TAS	332.8	1.71								m_e MBB 6.3
UBBA	45.95	pP	20:13:43.393	-0.5	84.6	8.08	TAS										m_e
UBBA	45.95	sP	20:14:10.827	0.2	85.0	7.98	TAS										m_e
UBR	46.30	P	20:12:55.170	0.1	85.1	7.84	TAS	409.4	1.32								a_e MBB 6.5
UBR	46.30	pP	20:13:46.213	0.1	84.6	8.08	TAS										m_e
UBR	46.30	sP	20:14:13.173	0.2	85.0	7.98	TAS										m_e
WERD	44.52	P	20:12:41.770	-0.1	85.1	7.84	TAS	227.0	1.28								a_e MBB 6.1
WERD	44.52	pP	20:13:32.426	0.0	84.6	8.08	TAS										m_e
WERD	44.52	sP	20:13:59.827	-0.2	85.0	7.98	TAS										m_e
WERD	44.52	PP	20:14:27.165				T__										m_e
WERN	44.49	P	20:12:41.728	0.1	85.1	7.84	TAS	223.1	1.52								m_e MBB 5.8
WERN	44.49	pP	20:13:32.306	0.2	84.6	8.08	TAS										m_e
WERN	44.49	PP	20:14:27.303				T__										m_e
WET	44.28	P	20:12:39.572	-0.1	85.1	7.84	TAS	144.5	1.57								m_e MBB 5.7
WET	44.28	pP	20:13:30.132	-0.1	84.6	8.08	TAS										m_e
WET	44.28	sP	20:13:57.044	-0.5	85.0	7.98	TAS										m_e
WET	44.28	PP	20:14:22.079				T__										m_e
WLF	48.56	P	20:13:13.544	0.1	85.1	7.84	TAS	470.4	1.25								m_e MBB 6.5
WLF	48.56	pP	20:14:04.972		84.6	8.08	TAS										m_e

Event 60113002 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/13	05:56:04.51			-14.9930	-174.4030				264.6			26		143.04	147.19	m i ke	BGR
60113008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	144.53		PKPbc	06:15:07.007	-0.2	9.5		3.33		TAS					m_e
BFO	146.68		PKPbc	06:15:13.694		9.5		3.33		TAS					a_e
BFO	146.68		pPKPbc	06:16:19.465						T__					m_e
BRG	143.58		PKPbc	06:15:03.249	0.3	9.5		3.33		TAS					m_e
BUG	143.62		PKPbc	06:15:03.634	-0.0	9.5		3.33		TAS					m_e
CLL	143.29		PKPbc	06:15:02.063	0.1	9.5		3.33		TAS					m_e
CLZ	143.04		PKPbc	06:15:01.858	0.0	9.5		3.33		TAS					m_e
FBE	143.62		PKPbc	06:15:03.825	0.2	9.5		3.33		TAS					m_e

FUR	146.59	PKPbc	06:15:13.444		9.5		3.33	TAS		a_e
FUR	146.59	pPKPbc	06:16:19.168					T__		m_e
GEC2	145.59	PKPbc	06:15:10.362		9.5		3.33	TAS		m_e
GEC2	145.59	pPKPbc	06:16:17.691					T__		m_e
GRA1	145.09	PKPbc	06:15:09.244		9.5		3.33	TAS		a_e
GRA1	145.09	pPKPbc	06:16:16.421					T__		m_e
GTTG	143.37	PKPbc	06:15:02.944	0.1	9.5		3.33	TAS		a_e
GUNZ	144.30	PKPbc	06:15:06.244	-0.1	9.5		3.33	TAS		a_e
MANZ	144.70	PKPbc	06:15:07.594	-0.4	9.5		3.33	TAS		a_e
MOX	144.11	PKPbc	06:15:05.237	0.4	9.5		3.33	TAS		m_e
NEUB	143.55	PKPbc	06:15:03.217	0.2	9.5		3.33	TAS		m_e
PLN	144.20	PKPbc	06:15:05.694	0.6	9.5		3.33	TAS		m_e
ROTZ	144.90	PKPbc	06:15:08.444		9.5		3.33	TAS		a_e
ROTZ	144.90	pPKPbc	06:16:15.631					T__		m_e
STU	146.19	PKPbc	06:15:12.294		9.5		3.33	TAS		a_e
TANN	144.24	PKPbc	06:15:05.904	0.4	9.5		3.33	TAS		m_e
TNS	144.79	PKPbc	06:15:08.094	-0.7	9.5		3.33	TAS		a_e
UBBA	144.09	PKPbc	06:15:05.154	0.3	9.5		3.33	TAS		m_e
UBR	147.19	PKPbc	06:15:14.994		9.5		3.33	TAS		a_e
WERD	144.22	PKPbc	06:15:05.844	0.5	9.5		3.33	TAS		a_e
WERN	144.37	PKPbc	06:15:06.594	-0.1	9.5		3.33	TAS		a_e
WET	145.42	PKPbc	06:15:10.194		9.5		3.33	TAS		a_e
WET	145.42	pPKPbc	06:16:17.382					T__		m_e
WLF	145.42	PKPbc	06:15:10.644		9.5		3.33	TAS		a_e
WLF	145.42	pPKPbc	06:16:17.556					T__		m_e

Event 60113003 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/13	18:29:10.76			-22.6700	-173.8900				33.0			21		148.62	153.19	m i ke	BGR
60113009																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.8		BGR	60113009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	151.19		PKPbc	18:49:00.717	0.2	9.2		2.44		TAS					a_e
BSEG	148.62		PKPbc	18:48:54.087	-0.1	9.2		2.44		TAS					m_e
BUG	151.27		PKPbc	18:49:00.846	0.2	9.2		2.44		TAS					m_e
CLL	150.92		PKPbc	18:48:59.867	0.0	9.2		2.44		TAS					a_e
CLZ	150.69		PKPbc	18:48:59.667	0.3	9.2		2.44		TAS					a_e
FBE	151.24		PKPbc	18:49:01.117	0.3	9.2		2.44		TAS					a_e
FLT1	150.13		PKPbc	18:48:57.717	-0.0	9.2		2.44		TAS					a_e
GEC2	153.19		PKPbc	18:49:05.217		9.2		2.44		TAS					a_e
GRA1	152.73		L	20:02:58.195						T__		173.5	19.80	a_e Ms	4.9
GTTG	151.02		PKPbc	18:49:00.317	0.0	9.2		2.44		TAS					a_e

GUNZ	151.93	PKPbc	18:49:02.667	9.2	2.44	TAS	a_e	
IBBN	150.39	PKPbc	18:48:58.667	-0.0	9.2	2.44	TAS	a_e
MANZ	152.33	PKPbc	18:49:03.499	9.2	2.44	TAS	m_e	
MOX	151.75	PKPbc	18:49:01.967	0.0	9.2	2.44	TAS	m_e
MOX	151.75	L	19:57:00.324			T__	109.6 20.50 a_e Ms 4.6	
NEUB	151.19	PKPbc	18:49:00.567	0.0	9.2	2.44	TAS	a_e
PLN	151.84	PKPbc	18:49:02.217	0.0	9.2	2.44	TAS	a_e
ROTZ	152.53	PKPbc	18:49:03.917	9.2	2.44	TAS	a_e	
TANN	151.86	PKPbc	18:49:02.467	-0.5	9.2	2.44	TAS	a_e
TNS	152.44	PKPbc	18:49:03.683	9.2	2.44	TAS	m_e	
WERD	151.85	PKPbc	18:49:02.267	-0.3	9.2	2.44	TAS	a_e
WERN	152.00	PKPbc	18:49:02.917	9.2	2.44	TAS	a_e	
WET	153.04	PKPbc	18:49:04.967	9.2	2.44	TAS	a_e	

Event 60113004 Xizang

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/13	20:35:02.30			32.8000	91.8600				33.0			27		58.08	63.21	m i ke	BGR
OrigID 60113010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	60113010
Ms	5.2		BGR	60113010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	62.36		P	20:45:21.465		74.3		6.82		TAS		31.4	1.07	m_e mb	5.5
BFO	62.30		P	20:45:20.654		74.3		6.82		TAS		34.6	1.21	m_e mb	5.5
BRG	58.08		P	20:44:52.049	0.3	74.3		6.82		TAS		17.3	0.86	m_e mb	5.1
BSEG	59.47		P	20:45:02.349	0.3	74.3		6.82		TAS		36.2	1.21	m_e mb	5.3
BUG	61.96		P	20:45:18.770		74.3		6.82		TAS		32.0	1.19	m_e mb	5.4
CLL	58.54		P	20:44:55.945	-0.3	74.3		6.82		TAS		17.0	1.09	m_e mb	5.0
CLZ	59.99		P	20:45:05.540	0.6	74.3		6.82		TAS		39.0	0.91	m_e mb	5.4
FBE	58.42		P	20:44:54.716	0.2	74.3		6.82		TAS		24.4	1.13	m_e mb	5.1
FLT1	59.34		P	20:45:00.283	0.2	74.3		6.82		TAS		23.7	1.15	m_e mb	5.1
FUR	60.48		P	20:45:09.104	-0.4	74.3		6.82		TAS		91.4	1.06	m_e mb	5.7
GEC2	58.74		P	20:44:56.945	0.1	74.3		6.82		TAS		39.7	1.12	m_e mb	5.3
GRA1	60.07		P	20:45:06.334	-0.1	74.3		6.82		TAS		43.6	0.99	m_e mb	5.4
GRA1	60.07		L	21:15:18.096						T__		1343.0	18.90	a_e Ms	5.1
GTTG	60.31		P	20:45:07.811	-0.1	74.3		6.82		TAS		34.4	1.06	m_e mb	5.3
GUNZ	59.20		P	20:44:59.917	-0.5	74.3		6.82		TAS		22.3	0.91	m_e mb	5.2
MANZ	59.44		P	20:45:01.809	-0.1	74.3		6.82		TAS		5.3	1.18	m_e mb	4.5
MOX	59.56		P	20:45:02.417	0.1	74.3		6.82		TAS		21.9	1.08	m_e mb	5.1
MOX	59.56		L	21:15:23.024						T__		1811.8	18.20	a_e Ms	5.2
NEUB	59.32		P	20:45:00.390	0.5	74.3		6.82		TAS		29.3	0.86	m_e mb	5.3
NRDL	59.97		P	20:45:05.556	0.1	74.3		6.82		TAS		44.9	1.23	m_e mb	5.4
PLN	59.27		P	20:45:00.331	-0.7	74.3		6.82		TAS		17.2	1.15	m_e mb	5.0

ROTZ	59.44	P	20:45:02.079	0.7	74.3	6.82	TAS	12.0	1.10	m_e	mb	4.8
STU	61.61	P	20:45:16.331		74.3	6.82	TAS	96.4	1.08	m_e	mb	5.9
TANN	59.10	P	20:44:59.107	-0.1	74.3	6.82	TAS	18.0	1.01	m_e	mb	5.1
TNS	61.62	P	20:45:16.534		74.3	6.82	TAS	35.7	1.17	m_e	mb	5.5
WERD	59.19	P	20:44:59.715	-0.2	74.3	6.82	TAS	28.8	1.33	m_e	mb	5.1
WERN	59.19	P	20:44:59.917	-0.1	74.3	6.82	TAS	20.8	1.09	m_e	mb	5.1
WET	59.18	P	20:44:59.917	-0.3	74.3	6.82	TAS	20.7	1.01	m_e	mb	5.1
WLF	63.21	P	20:45:27.653		74.3	6.82	TAS	76.3	1.14	m_e	mb	5.7

Event 60113005 Northern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/13	21:18:19.66			42.6200	83.8500				23.5	3.3		31		46.56	52.05	m i ke	BGR
OrigID 60113011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	60113011
MBB	5.8		BGR	60113011
Ms	4.2		BGR	60113011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	51.15		P	21:27:21.555		69.9		7.65		TAS		51.5	1.08	a_e	MBB 5.5
BFO	51.27		P	21:27:21.869		69.9		7.65		TAS		51.8	1.18	m_e	MBB 5.5
BRG	46.95		P	21:26:49.255	-0.1	69.9		7.65		TAS		32.1	0.72	a_e	MBB 5.7
BRG	46.95		pP	21:26:55.602	-0.3	69.9		7.81		TAS				m_e	
BSEG	48.10		P	21:26:58.705	-0.3	69.9		7.65		TAS		92.5	1.32	a_e	MBB 5.9
BUG	50.70		P	21:27:18.004		69.9		7.65		TAS		55.8	1.13	m_e	MBB 5.8
CLL	47.37		P	21:26:52.205	0.4	69.9		7.65		TAS	113.8	0.67	a_e	MBB 6.1	
CLL	47.37		pP	21:26:58.611	-0.0	69.9		7.81		TAS				m_e	
CLZ	48.75		P	21:27:03.255	0.3	69.9		7.65		TAS		44.1	1.15	a_e	MBB 5.6
CLZ	48.75		pP	21:27:09.668		69.9		7.81		TAS				m_e	
FBE	47.29		P	21:26:52.055	-0.6	69.9		7.65		TAS		67.2	0.71	a_e	MBB 6.0
FLT1	48.08		P	21:26:57.522	0.9	69.9		7.65		TAS		71.4	0.70	m_e	MBB 6.0
FLT1	48.08		pP	21:27:03.852	0.3	69.9		7.81		TAS				m_e	
FUR	49.52		P	21:27:09.639	-0.3	69.9		7.65		TAS		124.5	1.17	m_e	MBB 5.8
GEC2	47.77		P	21:26:55.905	-0.1	69.9		7.65		TAS		25.4	0.95	a_e	MBB 5.8
GEC2	47.77		pP	21:27:01.359	0.2	69.9		7.81		TAS				m_e	
GRA1	48.99		P	21:27:05.655	0.2	69.9		7.65		TAS		104.0	0.80	a_e	MBB 6.0
GRA1	48.99		pP	21:27:12.116		69.9		7.81		TAS				m_e	
GRA1	48.99		L	22:05:41.206						T__		317.6	18.00	a_e	Ms 4.4
GTTG	49.09		P	21:27:06.105	0.1	69.9		7.65		TAS		159.3	0.90	a_e	MBB 6.2
GTTG	49.09		pP	21:27:12.544		69.9		7.81		TAS				m_e	
GUNZ	48.09		P	21:26:58.310	-0.6	69.9		7.65		TAS		52.8	0.78	m_e	MBB 5.8
GUNZ	48.09		pP	21:27:04.622	-0.0	69.9		7.81		TAS				m_e	
IBBN	50.10		P	21:27:13.458	-0.1	69.9		7.65		TAS		72.8	0.79	m_e	MBB 5.9
IBBN	50.10		pP	21:27:19.769		69.9		7.81		TAS				m_e	

MANZ	48.35	P	21:27:00.191	0.1	69.9	7.65	TAS	11.0	1.38	m_e	MBB	5.1
MANZ	48.35	pP	21:27:06.610	0.3	69.9	7.81	TAS			m_e		
MOX	48.42	P	21:27:00.655	0.5	69.9	7.65	TAS	67.8	1.30	m_e	MBB	5.7
MOX	48.42	L	22:02:45.887				T__	201.2	20.10	a_e	Ms	4.1
NEUB	48.14	P	21:26:58.369	-0.3	69.9	7.65	TAS	107.9	0.65	m_e	MBB	6.2
NEUB	48.14	pP	21:27:04.694	0.1	69.9	7.81	TAS			m_e		
NRDL	48.68	P	21:27:03.155	0.6	69.9	7.65	TAS	85.2	0.83	a_e	MBB	5.9
PLN	48.15	P	21:26:58.443	0.2	69.9	7.65	TAS	31.8	1.11	m_e	MBB	5.6
PLN	48.15	pP	21:27:04.926	0.6	69.9	7.81	TAS			m_e		
RETH	49.03	P	21:27:05.505	0.8	69.9	7.65	TAS	56.7	1.28	a_e	MBB	5.5
RETH	49.03	pP	21:27:11.950		69.9	7.81	TAS			m_e		
ROTZ	48.37	P	21:27:00.420	-0.1	69.9	7.65	TAS	11.1	1.36	m_e	MBB	4.9
RUE	46.56	P	21:26:45.905	-0.3	69.9	7.65	TAS	87.3	0.70	a_e	MBB	6.1
STU	50.57	P	21:27:16.825	-0.2	69.9	7.65	TAS	129.9	1.01	m_e	MBB	6.0
STU	50.57	pP	21:27:23.260		69.9	7.81	TAS			m_e		
TANN	47.99	P	21:26:57.405	-0.2	69.9	7.65	TAS	47.4	1.02	a_e	MBB	5.7
TANN	47.99	pP	21:27:03.786	0.1	69.9	7.81	TAS			m_e		
TNS	50.46	P	21:27:16.205	-0.6	69.9	7.65	TAS	30.6	0.83	a_e	MBB	5.7
UBR	50.44	P	21:27:16.055	-0.1	69.9	7.65	TAS	90.2	1.06	a_e	MBB	5.8
UBR	50.44	pP	21:27:22.415		69.9	7.81	TAS			m_e		
WERD	48.07	P	21:26:57.955	0.1	69.9	7.65	TAS	43.0	0.98	a_e	MBB	5.7
WERD	48.07	pP	21:27:04.355	-0.5	69.9	7.81	TAS			m_e		
WERN	48.09	P	21:26:58.255	0.1	69.9	7.65	TAS	33.2	0.87	a_e	MBB	5.6
WERN	48.09	pP	21:27:04.622	-0.2	69.9	7.81	TAS			m_e		
WET	48.18	P	21:26:58.905	-0.0	69.9	7.65	TAS	29.9	0.89	a_e	MBB	5.5
WET	48.18	pP	21:27:05.272	0.4	69.9	7.81	TAS			m_e		
WLF	52.05	P	21:27:28.305		69.9	7.65	TAS	41.2	1.03	a_e	MBB	5.7

Event 60113006 Tajikistan-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/13	21:37:43.34			38.9120	73.6730				33.0					44.76	44.76	m i ke	BGR
60113012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	60113012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	44.76		P	21:45:52.855		85.3		6.95		TAS		15.0	1.00	m_e mb	4.9

Event 60114007 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	

2016/01/14 03:25:36.82
60114013

42.7790 142.6540

33.0

33

73.85 80.75 m i ke BGR

Magnitude	Err	Nsta	Author	OrigID
mb	6.8		BGR	60114013
MBB	6.9		BGR	60114013
Ms	6.9		BGR	60114013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.31		P	03:37:37.241		34.2		5.53		TAS		1177.2	1.23	m_e	mb 6.8
ASSE	76.75		P	03:37:23.047	-0.1	34.2		5.53		TAS		773.7	1.31	a_e	mb 6.7
BFO	80.75		P	03:37:44.975	-0.0	34.2		5.53		TAS		1404.8	1.46	m_e	MBB 7.0
BFO	80.75		L	04:15:37.739						T__		30661.7	21.90	a_e	Ms 6.6
BRG	76.60		P	03:37:22.147	-0.2	34.2		5.53		TAS		808.7	1.36	m_e	mb 6.7
BSEG	75.37		P	03:37:15.595	0.1	34.2		5.53		TAS		1348.4	1.16	m_e	mb 6.9
BSEG	75.37		L	04:13:24.300						T__		77635.1	21.20	a_e	Ms 7.0
BUG	78.48		P	03:37:32.428	-0.4	34.2		5.53		TAS		1369.9	1.27	m_e	mb 6.9
CLL	76.59		P	03:37:21.883	-0.4	34.2		5.53		TAS		1157.3	1.11	m_e	mb 6.9
CLL	76.59		L	04:14:10.464						T__		75893.4	21.80	a_e	Ms 7.0
CLZ	77.09		P	03:37:25.406	0.4	34.2		5.53		TAS		1794.8	1.29	m_e	mb 7.0
FBE	76.78		P	03:37:23.472	0.1	34.2		5.53		TAS		1194.5	1.25	m_e	mb 6.9
FLT1	76.39		P	03:37:20.677	-0.5	34.2		5.53		TAS		1338.0	1.05	m_e	mb 7.0
FUR	79.82		P	03:37:40.305	0.1	34.2		5.53		TAS		1598.9	1.10	m_e	mb 6.9
FUR	79.82		L	04:16:30.495						T__		72022.8	19.90	a_e	Ms 7.0
GEC2	78.33		P	03:37:31.847	-0.1	34.2		5.53		TAS		588.4	1.29	m_e	MBB 6.9
GEC2	78.33		L	04:14:57.439						T__		34605.1	20.90	a_e	Ms 6.7
GRA1	78.57		P	03:37:33.696	0.4	34.2		5.53		TAS		1667.0	1.11	m_e	mb 7.0
GRA1	78.57		L	04:15:19.810						T__		60911.2	21.90	a_e	Ms 6.9
GTTG	77.48		P	03:37:27.316	0.1	34.2		5.53		TAS		1080.8	1.11	m_e	mb 6.9
GUNZ	77.61		P	03:37:28.085	0.1	34.2		5.53		TAS		732.5	1.28	m_e	mb 6.7
HLG	75.95		P	03:37:19.004	0.4	34.2		5.53		TAS		1386.0	1.15	m_e	mb 7.0
IBBN	77.58		P	03:37:27.717	-0.0	34.2		5.53		TAS		1468.1	1.16	m_e	mb 7.0
MANZ	78.00		P	03:37:30.147	0.0	34.2		5.53		TAS		144.8	1.20	a_e	mb 6.0
MOX	77.64		P	03:37:28.115	0.0	34.2		5.53		TAS		913.7	1.33	m_e	MBB 7.0
MOX	77.64		L	04:14:51.451						T__		58821.5	21.30	a_e	Ms 6.9
NEUB	77.13		P	03:37:25.108	-0.2	34.2		5.53		TAS		1353.7	1.10	m_e	mb 7.0
NRDL	76.64		P	03:37:22.470	-0.0	34.2		5.53		TAS		944.2	1.28	m_e	mb 6.8
PLN	77.57		P	03:37:27.739	-0.0	34.2		5.53		TAS		808.4	1.41	m_e	mb 6.7
RETH	76.69		P	03:37:22.893	0.1	34.2		5.53		TAS		1575.7	1.26	m_e	mb 7.0
RGN	73.85		P	03:37:06.925	-0.2	34.2		5.53		TAS		2458.0	1.27	m_e	mb 7.1
ROTZ	78.15		P	03:37:31.233	0.3	34.2		5.53		TAS		243.5	1.26	m_e	MBB 6.5
RUE	75.36		P	03:37:15.387	-0.1	34.2		5.53		TAS		2017.5	1.28	m_e	mb 7.0
STU	80.07		P	03:37:41.364	0.1	34.2		5.53		TAS		2533.8	1.10	m_e	mb 7.1
TANN	77.52		P	03:37:27.418	-0.0	34.2		5.53		TAS		776.1	1.58	m_e	mb 6.6
TNS	79.11		P	03:37:36.193	-0.2	34.2		5.53		TAS		936.7	1.32	m_e	mb 6.7
TNS	79.11		L	04:15:15.072						T__		58320.3	21.90	a_e	Ms 6.9
UBBA	78.07		P	03:37:30.140	-0.3	34.2		5.53		TAS		1157.7	1.69	m_e	mb 6.7
WERD	77.55		P	03:37:27.626	0.0	34.2		5.53		TAS		758.7	1.35	m_e	mb 6.7
WERN	77.66		P	03:37:28.443	0.2	34.2		5.53		TAS		726.7	1.20	m_e	mb 6.7

WET	78.40	P	03:37:32.720	0.4	34.2		5.53	TAS	1088.9	1.23	m_e	mb	6.8
WET	78.40	L	04:15:18.530					T__	51247.7	19.90	a_e	Ms	6.9

Event 60114008 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/14	05:39:39.70			-16.2300	-174.0400				147.0			18		144.85	148.45	m i ke	EMSC
OrigID 60114040																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.0		BGR	60114014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	145.76		PKPbc	05:59:00.865		9.1		2.99		TAS				m_e		
BFO	147.93		PKPbc	05:59:06.919		9.1		2.99		TAS				m_e		
BRG	144.85		PKPbc	05:58:57.159	0.4	9.1		2.99		TAS				m_e		
FBE	144.89		PKPbc	05:58:58.518	0.3	9.1		2.99		TAS				m_e		
FUR	147.86		PKPbc	05:59:07.290		9.1		2.99		TAS				m_e		
GEC2	146.86		PKPbc	05:59:04.448		9.1		2.99		TAS				m_e		
GRA1	146.35		L	07:13:12.356						T__		206.7	20.70	a_e	Ms	4.9
GUNZ	145.57		PKPbc	05:59:00.371		9.1		2.99		TAS				m_e		
MANZ	145.96		PKPbc	05:59:01.360		9.1		2.99		TAS				m_e		
MOX	145.37		PKPbc	05:58:59.136	-0.5	9.1		2.99		TAS				m_e		
MOX	145.37		L	07:17:53.704						T__		299.3	21.70	a_e	Ms	5.0
PLN	145.47		PKPbc	05:59:00.000		9.1		2.99		TAS				m_e		
ROTZ	146.17		PKPbc	05:59:02.101		9.1		2.99		TAS				m_e		
TANN	145.50		PKPbc	05:58:59.753		9.1		2.99		TAS				m_e		
TNS	146.03		PKPbc	05:59:01.854		9.1		2.99		TAS				m_e		
UBBA	145.34		PKPbc	05:58:59.259	-0.4	9.1		2.99		TAS				m_e		
UBR	148.45		PKPbc	05:59:08.278		9.1		2.99		TAS				m_e		
WERD	145.49		PKPbc	05:59:00.000		9.1		2.99		TAS				m_e		
WERN	145.63		PKPbc	05:59:00.618		9.1		2.99		TAS				m_e		
WLF	146.65		PKPbc	05:59:04.448		9.1		2.99		TAS				m_e		

Event 60114009 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/14	11:04:22.50			-15.6400	-177.3300				30.0					141.32	147.07	m i ke	EMSC
OrigID 60114041																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.6		BGR	60114015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.07		L	12:30:22.127						T__		1064.8	21.70	a_e	Ms 5.6
BSEG	141.32		L	12:26:04.323						T__		1408.8	21.50	a_e	Ms 5.7
CLL	143.47		L	12:26:43.717						T__		1072.6	21.90	a_e	Ms 5.6
GEC2	145.67		L	12:27:53.993						T__		1313.0	22.00	a_e	Ms 5.7
GRA1	145.33		PKPbc	11:23:55.952		14.6		3.07		TAS				m_e	
GRA1	145.33		L	12:32:05.423						T__		1391.5	20.10	a_e	Ms 5.7
MOX	144.34		L	12:26:48.503						T__		1024.4	21.90	a_e	Ms 5.6
TNS	145.19		L	12:29:43.051						T__		769.0	21.40	a_e	Ms 5.4
WET	145.56		L	12:32:41.185						T__		1361.5	20.20	a_e	Ms 5.7

Event 60114010 Mindanao, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/14	13:14:47.80			9.7000	126.3500				30.0					96.60	100.63	m i ke	EMSC
OrigID 60114042																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.2		BGR	60114016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	100.63		L	14:17:09.971						T__		817.1	20.20	a_e	Ms 5.2
BSEG	96.94		L	14:21:03.805						T__		524.0	19.20	a_e	Ms 5.0
CLL	96.60		L	14:16:30.582						T__		790.9	20.40	a_e	Ms 5.2
FUR	98.94		L	14:18:32.412						T__		626.0	20.80	a_e	Ms 5.1
GEC2	97.19		L	14:18:10.279						T__		569.0	20.20	a_e	Ms 5.0
GRA1	98.31		L	14:16:00.453						T__		955.3	20.50	a_e	Ms 5.3
GRB1	98.19		Pdiff	13:28:21.491						T__				m_e	
MOX	97.68		L	14:17:23.445						T__		613.4	20.60	a_e	Ms 5.1
TNS	99.68		L	14:18:33.818						T__		871.3	18.60	a_e	Ms 5.3
WET	97.56		L	14:15:19.221						T__		731.5	19.90	a_e	Ms 5.2

Event 60115007 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2016/01/15	08:23:35.60			-17.1400	-179.3700				565.0					12	143.90	146.63	m i ke	EMSC
OrigID 60115039																		

Magnitude	Err	Nsta	Author	OrigID
Ms	4.4		BGR	60115013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	144.70		PKPbc	08:42:09.189		18.5		2.94		TAS				m_e	

CLL	144.51	PKPbc	08:42:08.365	18.5	2.94	TAS	m_e
CLZ	144.52	PKPbc	08:42:08.571	0.1 18.5	2.94	TAS	m_e
FBE	144.79	PKPbc	08:42:09.739	18.5	2.94	TAS	m_e
FLT1	143.90	PKPbc	08:42:06.006	0.1 18.5	2.94	TAS	m_e
GEC2	146.63	PKPbc	08:42:14.595	18.5	2.94	TAS	m_e
GRA1	146.42	L	09:26:25.930			T__	52.9 18.20 a_e Ms 4.4
GTTG	144.88	PKPbc	08:42:09.693	0.2 18.5	2.94	TAS	m_e
GUNZ	145.55	PKPbc	08:42:11.686	18.5	2.94	TAS	m_e
IBBN	144.46	PKPbc	08:42:08.132	0.4 18.5	2.94	TAS	m_e
NEUB	144.88	PKPbc	08:42:09.487	18.5	2.94	TAS	m_e
TANN	145.47	PKPbc	08:42:11.365	18.5	2.94	TAS	m_e
WERD	145.47	PKPbc	08:42:11.182	18.5	2.94	TAS	m_e

Event 60116005 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/16	05:51:44.90		61.0000	-28.1300				10.0				6		21.58	26.44	m i ke	EMSC
OrigID 60116037																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	60116011
Ms	3.9		BGR	60116011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	22.83		P	05:56:47.982		312.2		9.47		TAS		8.4	1.11	m_e	mb 4.2
BFO	24.23		L	06:05:57.426						T__		260.7	18.10	a_e	Ms 3.8
BRG	25.21		P	05:57:09.526		312.2		9.47		TAS		2.9	0.90	m_e	mb 4.0
BSEG	21.58		P	05:56:33.817	-1.0	312.2		9.47		TAS		11.3	0.87	m_e	mb 4.3
BSEG	21.58		L	06:04:51.277						T__		329.9	19.10	a_e	Ms 3.8
BUG	21.62		P	05:56:34.798		312.2		9.47		TAS		10.0	0.84	m_e	mb 4.3
CLL	24.47		L	06:06:02.567						T__		244.3	21.50	a_e	Ms 3.7
CLZ	22.86		P	05:56:47.883		312.2		9.47		TAS		6.3	0.90	m_e	mb 4.1
FLT1	22.98		P	05:56:48.376		312.2		9.47		TAS		7.8	0.89	m_e	mb 4.2
FUR	25.75		L	06:06:15.612						T__		398.3	21.50	a_e	Ms 3.9
GEC2	26.44		L	06:07:51.336						T__		375.7	18.50	a_e	Ms 4.0
GRA1	24.67		L	06:06:46.539						T__		536.9	18.80	a_e	Ms 4.1
GTTG	22.85		P	05:56:47.982		312.2		9.47		TAS		17.0	1.03	m_e	mb 4.5
GUNZ	24.76		P	05:57:06.800		312.2		9.47		TAS		4.0	1.06	m_e	mb 4.1
MANZ	24.90		P	05:57:07.424		312.2		9.47		TAS		1.3	1.09	m_e	mb 3.6
MOX	24.23		P	05:57:01.393		312.2		9.47		TAS		2.5	0.92	m_e	mb 3.7
MOX	24.23		L	06:05:22.300						T__		270.2	22.00	a_e	Ms 3.7
NRDL	22.33		P	05:56:42.001	1.1	312.2		9.47		TAS		7.3	0.93	m_e	mb 4.1
RETH	21.82		L	06:04:10.203						T__		389.7	19.90	a_e	Ms 3.8
TANN	24.79		P	05:57:06.662		312.2		9.47		TAS		2.7	0.91	m_e	mb 4.0
TNS	22.98		L	06:04:42.877						T__		505.0	21.10	a_e	Ms 3.9
WERN	24.83		P	05:57:07.997		312.2		9.47		TAS		3.6	0.99	m_e	mb 4.1

WET 25.84 L 06:07:32.524 T__ 496.8 18.00 a_e Ms 4.1

Event 60116006 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/16	17:45:28.10			-17.7800	-178.6400				557.0					143.25	149.33	m i ke	EMSC

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	145.49		PKPbc	18:04:04.073		17.5		1.93		TAS				m_e	
BSEG	143.25		PKPbc	18:03:57.284		17.5		1.93		TAS				m_e	
CLL	145.29		PKPbc	18:04:03.393		17.5		1.93		TAS				m_e	
CLZ	145.27		PKPbc	18:04:03.586		17.5		1.93		TAS				m_e	
FBE	145.58		PKPbc	18:04:04.776		17.5		1.93		TAS				m_e	
FLT1	144.66		PKPbc	18:04:01.207		17.5		1.93		TAS				m_e	
GRA1	147.19		PKPbc	18:04:09.177		17.5		1.93		TAS				m_e	
GUNZ	146.32		PKPbc	18:04:06.722		17.5		1.93		TAS				m_e	
NRDL	144.68		PKPbc	18:04:01.286		17.5		1.93		TAS				m_e	
RETH	144.56		PKPbc	18:04:01.388		17.5		1.93		TAS				m_e	
ROTZ	146.91		PKPbc	18:04:08.073		17.5		1.93		TAS				m_e	
TNS	147.14		PKPbc	18:04:08.650		17.5		1.93		TAS				m_e	
UBR	149.33		PKPbc	18:04:14.219		17.5		1.93		TAS				m_e	
WERD	146.25		PKPbc	18:04:06.307		17.5		1.93		TAS				m_e	
WERN	146.39		PKPbc	18:04:06.686		17.5		1.93		TAS				m_e	
WET	147.35		PKPbc	18:04:09.281		17.5		1.93		TAS				m_e	
WLF	147.96		PKPbc	18:04:11.443		17.5		1.93		TAS				m_e	

Event 60116007 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2016/01/16	18:54:37.65			0.8370	98.4150				33.0					11	85.86	88.31	m i ke	BGR

Magnitude Err Nsta Author OrigID

mb	5.2		BGR	60116013
Ms	4.1		BGR	60116013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	85.86		P	19:07:14.535	0.0	91.6		4.79		TAS		34.1	1.74	m_e mb	5.2
CLL	86.47		P	19:07:17.014	-0.5	91.6		4.79		TAS		14.4	1.19	m_e mb	5.0
CLZ	88.13		P	19:07:25.407		91.6		4.79		TAS		33.3	1.39	m_e mb	5.5

FBE	86.23	P	19:07:16.521	0.2	91.6	4.79	TAS	16.4	1.03	m_e	mb	5.1
FLT1	87.61	P	19:07:22.131		91.6	4.79	TAS	9.5	0.86	m_e	mb	5.1
FUR	87.47	L	19:48:40.102				T__	106.6	18.80	a_e	Ms	4.3
GEC2	85.89	P	19:07:14.384	-0.2	91.6	4.79	TAS	22.2	1.37	m_e	mb	5.1
MANZ	86.98	P	19:07:20.440		91.6	4.79	TAS	5.0	1.19	m_e	mb	4.5
MOX	87.32	L	19:49:58.182				T__	64.9	20.70	a_e	Ms	4.0
NEUB	87.24	P	19:07:20.993		91.6	4.79	TAS	41.6	1.27	m_e	mb	5.4
NRDL	88.31	P	19:07:26.680		91.6	4.79	TAS	48.3	1.42	m_e	mb	5.6
RUE	86.06	P	19:07:15.860	0.4	91.6	4.79	TAS	81.8	1.40	m_e	mb	5.7
WET	86.44	P	19:07:17.295	-0.0	91.6	4.79	TAS	25.0	1.62	m_e	mb	5.1

Event 60116003 Southern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/16	18:55:09.29	0.88	0.70	41.1410	14.9080	15.6	10.0	102	10.0				16 319	5.37	9.78	m i ke	BGR
60116009																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.5		BGR	60116009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	6.12		Pn	18:56:37.553	-0.2					T__				m_e	
BALST	8.07		Pn	18:57:03.726	-0.2					T__				m_e	
BFO	8.58		Pn	18:57:11.062	0.3					T__				m_e	
DAVA	7.13		Pn	18:56:51.324	0.1					T__				m_e	
GEC2	7.75		Sn	18:58:19.510	-0.5					T__				m_e	
GEC2	7.75		Pn	18:56:58.684	-1.0					T__				m_e	ML 4.5
GUNZ	9.40		Pn	18:57:22.824	1.0					T__				m_e	
KBA	6.04		Sn	18:57:40.242	0.1					T__				m_e	
KBA	6.04		Pn	18:56:37.877	1.2					T__				m_e	ML 4.4
MOA	6.72		Sn	18:57:56.825	0.8					T__				m_e	
MOA	6.72		Pn	18:56:45.928	0.1					T__				m_e	ML 4.5
MOX	9.78		Pn	18:57:25.870	-1.0					T__				m_e	
OBKA	5.37		Sn	18:57:24.726	0.2					T__				m_e	
OBKA	5.37		Pn	18:56:27.288	-0.3					T__				m_e	ML 4.6
PLONS	7.12		Pn	18:56:52.425	1.3					T__				m_e	
SLE	8.05		Pn	18:57:03.077	-0.7					T__				m_e	
TANN	9.43		Pn	18:57:21.880	-0.4					T__				m_e	
UBR	7.38		Sn	18:58:10.905	-0.6					T__				m_e	
UBR	7.38		Pn	18:56:54.193	-0.5					T__				m_e	ML 4.6
WET	8.13		Pn	18:57:04.048	-0.7					T__				m_e	
WTTA	6.56		Pn	18:56:44.628	1.1					T__				m_e	

Event 60117003 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/17	02:27:49.40			-16.6400	-174.2200				200.0					145.23	146.74	m i ke	EMSC
OrigID 60117035																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.6		BGR	60117009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	145.23		PKPab	02:47:03.617		9.5		3.41		TAS				m_e	
FBE	145.27		PKPab	02:47:04.299		9.5		3.41		TAS				m_e	
GRA1	146.74		PKPab	02:47:10.135		9.5		3.41		TAS				m_e	
GRA1	146.74		L	03:51:49.518						T__		94.1	18.80	a_e Ms	4.6
GUNZ	145.95		PKPab	02:47:06.344		9.5		3.41		TAS				m_e	
MOX	145.76		PKPab	02:47:05.435		9.5		3.41		TAS				m_e	
MOX	145.76		L	03:48:00.547						T__		88.5	18.70	a_e Ms	4.6
WERD	145.87		PKPab	02:47:05.889		9.5		3.41		TAS				m_e	
WERN	146.02		PKPab	02:47:06.742		9.5		3.41		TAS				m_e	

Event 60117004 Cuba region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2016/01/17	06:37:23.08			19.9480	-78.4840				33.0					17	73.01	76.65	m i ke	BGR
OrigID 60117010																		

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	60117010
Ms	4.3		BGR	60117010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	74.00		P	06:48:55.658	0.1	282.9		5.79		TAS		11.9	0.94	m_e mb	4.9
BFO	73.29		L	07:16:17.142						T__		258.7	18.30	a_e Ms	4.5
BRG	76.28		P	06:49:07.916		282.9		5.79		TAS		9.1	1.12	m_e mb	4.8
CLL	75.60		P	06:49:04.318		282.9		5.79		TAS		15.4	1.34	m_e mb	5.0
CLL	75.60		L	07:17:45.909						T__		184.7	18.00	a_e Ms	4.4
CLZ	73.88		L	07:17:14.071						T__		118.3	21.40	a_e Ms	4.1
FBE	75.91		P	06:49:06.649		282.9		5.79		TAS		31.5	1.45	m_e mb	5.2
FLT1	74.30		P	06:48:56.783	-0.4	282.9		5.79		TAS		18.6	1.09	m_e mb	5.0
FUR	75.25		L	07:18:12.288						T__		212.3	18.70	a_e Ms	4.5
GEC2	76.65		P	06:49:10.368		282.9		5.79		TAS		13.1	1.28	m_e mb	4.9
GEC2	76.65		L	07:18:23.654						T__		159.8	19.80	a_e Ms	4.3
GRA1	74.87		L	07:13:52.571						T__		125.0	18.60	a_e Ms	4.2
GTTG	73.69		P	06:48:53.573	-0.0	282.9		5.79		TAS		16.3	1.01	m_e mb	5.0
GUNZ	75.41		P	06:49:03.241		282.9		5.79		TAS		8.3	1.02	m_e mb	4.7
MANZ	75.36		P	06:49:03.080		282.9		5.79		TAS		85.5	4.73	m_e mb	5.1

MOX	74.90	L	07:18:50.119							T__	186.0	19.10	a_e	Ms	4.4
NEUB	74.87	P	06:49:00.408	282.9	5.79					TAS	22.5	1.04	m_e	mb	5.1
NRDL	73.59	P	06:48:52.469	-0.1 282.9	5.79					TAS	28.7	1.44	m_e	mb	5.1
PLN	75.28	P	06:49:02.364	282.9	5.79					TAS	12.7	0.95	m_e	mb	4.9
RETH	73.10	P	06:48:49.545	0.2 282.9	5.79					TAS	21.6	1.26	m_e	mb	5.1
ROTZ	75.47	P	06:49:03.754	282.9	5.79					TAS	6.9	1.72	m_e	mb	4.4
TANN	75.48	P	06:49:03.705	282.9	5.79					TAS	11.6	0.94	m_e	mb	4.9
TNS	73.01	P	06:48:49.299	-0.1 282.9	5.79					TAS	15.9	1.18	m_e	mb	5.0
WET	76.05	P	06:49:07.078	282.9	5.79					TAS	21.7	1.44	m_e	mb	5.1
WET	76.05	L	07:17:57.628							T__	130.4	21.70	a_e	Ms	4.2

Event 60117005 Cuba region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/17	08:17:44.41		20.0000	-74.9800					33.0			29		69.35	74.36	m i ke	BGR
60117011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	60117011
Ms	4.3		BGR	60117011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	69.84		P	08:28:51.773	0.1	280.5		5.96		TAS		48.8	1.42	m_e	mb	5.4
ASSE	71.84		P	08:29:03.811	-0.0	280.5		5.96		TAS		22.1	1.00	m_e	mb	5.2
BFO	70.95		P	08:28:58.064	0.2	280.5		5.96		TAS		14.0	1.10	m_e	mb	5.0
BRG	74.08		P	08:29:16.649		280.5		5.96		TAS		21.2	1.14	m_e	mb	5.1
BSEG	71.35		P	08:29:00.566	0.1	280.5		5.96		TAS		20.7	1.17	a_e	mb	5.1
BUG	69.85		P	08:28:51.304	-0.4	280.5		5.96		TAS		34.9	1.31	m_e	mb	5.3
CLL	73.41		P	08:29:12.728	-0.2	280.5		5.96		TAS		25.3	1.37	m_e	mb	5.2
CLZ	71.70		P	08:29:03.216	-0.3	280.5		5.96		TAS		42.6	1.19	m_e	mb	5.5
FBE	73.71		P	08:29:14.898		280.5		5.96		TAS		27.2	1.12	m_e	mb	5.2
FLT1	72.15		P	08:29:05.017	-0.3	280.5		5.96		TAS		20.6	1.03	m_e	mb	5.2
FUR	72.92		P	08:29:10.457	0.1	280.5		5.96		TAS				m_e		
GEC2	74.36		P	08:29:18.508		280.5		5.96		TAS		25.2	1.21	m_e	mb	5.1
GRA1	72.60		L	09:01:13.872						T__		150.8	18.80	a_e	Ms	4.3
GTTG	71.50		P	08:29:01.729	0.5	280.5		5.96		TAS		32.6	0.96	m_e	mb	5.4
GUNZ	73.18		P	08:29:11.666	-0.2	280.5		5.96		TAS		22.9	1.13	a_e	mb	5.2
IBBN	70.04		P	08:28:52.588	0.1	280.5		5.96		TAS		77.2	1.08	m_e	mb	5.8
MANZ	73.11		P	08:29:11.095	0.0	280.5		5.96		TAS		4.3	1.31	m_e	mb	4.4
MOX	72.68		P	08:29:08.342	-0.3	280.5		5.96		TAS		19.1	1.22	m_e	mb	5.1
MOX	72.68		L	08:59:07.922						T__		166.5	19.80	a_e	Ms	4.3
NEUB	72.68		P	08:29:08.547	-0.1	280.5		5.96		TAS		31.5	0.95	m_e	mb	5.4
NRDL	71.44		P	08:29:01.269	0.2	280.5		5.96		TAS		39.7	1.30	m_e	mb	5.4
PLN	73.05		P	08:29:10.519	0.3	280.5		5.96		TAS		27.2	1.00	m_e	mb	5.3
RETH	70.96		P	08:28:58.406	-0.2	280.5		5.96		TAS		38.1	1.12	m_e	mb	5.4
ROTZ	73.22		P	08:29:12.122	0.2	280.5		5.96		TAS		6.2	1.10	m_e	mb	4.6

TANN	73.25	P	08:29:11.956	-0.3	280.5	5.96	TAS	26.5	1.04	m_e	mb	5.3
TNS	70.75	P	08:28:57.198	0.2	280.5	5.96	TAS	33.0	1.24	m_e	mb	5.3
UBBA	71.64	P	08:29:02.378	0.3	280.5	5.96	TAS	36.8	1.70	m_e	mb	5.2
WERD	73.15	P	08:29:11.137	-0.1	280.5	5.96	TAS	17.5	1.00	m_e	mb	5.1
WERN	73.22	P	08:29:11.862	0.4	280.5	5.96	TAS	21.7	1.18	m_e	mb	5.2
WET	73.77	P	08:29:15.566		280.5	5.96	TAS	35.3	1.30	a_e	mb	5.2
WLF	69.35	P	08:28:48.769	-0.0	280.5	5.96	TAS	39.1	1.07	m_e	mb	5.6

Event 60117006 North Atlantic Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/17	08:31:27.47			23.2560	-64.9080				33.0					63.79	65.50	m i ke	BGR
OrigID 60117012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	60117012
Ms	4.5		BGR	60117012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GEC2	65.50		L	09:08:57.662						T__		343.5	20.00	a_e	Ms	4.5
GRA1	63.79		P	08:41:55.877		275.6		6.60		TAS		20.7	1.31	m_e	mb	5.2
GRA1	63.79		L	09:09:51.235						T__		226.3	18.40	a_e	Ms	4.4
MOX	63.95		L	09:12:35.614						T__		248.1	18.50	a_e	Ms	4.4
WET	64.92		L	09:10:46.027						T__		375.2	18.70	a_e	Ms	4.6

Event 60118004 Near south coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/18	00:56:34.11			34.9170	139.3850				33.0				7	82.02	85.20	m i ke	BGR
OrigID 60118010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	60118010
Ms	4.2		BGR	60118010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	82.02		P	01:08:49.367	0.3	44.8		4.36		TAS		5.6	0.82	m_e	mb	4.7
CLL	82.09		P	01:08:49.326	0.3	44.8		4.36		TAS		11.4	0.83	m_e	mb	5.0
CLZ	82.77		P	01:08:53.404		44.8		4.36		TAS		7.0	1.00	m_e	mb	4.8
FLT1	82.05		P	01:08:48.967	-0.0	44.8		4.36		TAS		7.9	0.80	m_e	mb	4.9
FUR	85.20		P	01:09:05.764		44.8		4.36		TAS		20.1	0.70	m_e	mb	5.5
GEC2	83.62		P	01:08:57.538		44.8		4.36		TAS		4.3	0.90	m_e	mb	4.7
GRA1	84.06		P	01:09:00.311		44.8		4.36		TAS		16.3	0.92	m_e	mb	5.2

GRA1	84.06	L	01:48:02.266	T__	107.1	18.40	a_e Ms	4.3
MOX	83.17	L	01:49:29.998	T__	89.6	18.10	a_e Ms	4.2

Event 60118005 North of Honduras

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/18	03:20:54.38			17.5190	-84.7310				33.0					78.74	82.41	m i ke	BGR
OrigID 60118011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	60118011
Ms	4.8		BGR	60118011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	79.12		L	04:05:27.551						T__		420.7	19.40	a_e Ms	4.8
BSEG	78.95		L	04:11:11.631						T__		664.5	19.50	a_e Ms	5.0
CLL	81.24		L	04:04:45.221						T__		302.0	21.20	a_e Ms	4.6
FUR	81.06		L	04:06:44.838						T__		504.6	18.50	a_e Ms	4.9
GEC2	82.41		L	04:04:04.401						T__		447.2	21.50	a_e Ms	4.8
GRA1	80.61		P	03:33:03.366		278.7		5.78		TAS		24.2	1.45	m_e mb	5.0
GRA1	80.61		L	04:11:29.463						T__		515.5	19.30	a_e Ms	4.9
MOX	80.59		L	04:08:37.953						T__		474.9	19.40	a_e Ms	4.9
TNS	78.74		L	04:09:19.828						T__		423.2	21.00	a_e Ms	4.8
WET	81.80		L	04:03:48.294						T__		406.8	21.40	a_e Ms	4.8

Event 60118006 Central Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/18	04:06:00.02			62.0790	-150.0790				33.0					65.37	67.61	m i ke	BGR
OrigID 60118012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	60118012
Ms	4.0		BGR	60118012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	66.68		P	04:16:45.618		347.9		5.85		TAS		4.6	0.86	m_e mb	4.7
CLZ	65.37		P	04:16:37.773		347.9		5.85		TAS		17.5	0.89	m_e mb	5.3
GRA1	67.58		P	04:16:51.539		347.9		5.85		TAS		6.0	0.77	m_e mb	4.9
GRA1	67.58		L	04:47:00.424						T__		82.2	20.30	a_e Ms	3.9
GTTG	65.62		P	04:16:39.397		347.9		5.85		TAS		20.5	1.04	m_e mb	5.3
MOX	66.68		P	04:16:45.777		347.9		5.85		TAS		13.4	0.91	m_e mb	5.2
MOX	66.68		L	04:48:25.671						T__		87.5	18.20	a_e Ms	4.0

PLN	66.89	P	04:16:47.124	347.9	5.85	TAS	8.6	1.00	m_e	mb	4.9
ROTZ	67.61	P	04:16:51.755	347.9	5.85	TAS	2.3	0.94	m_e	mb	4.4

Event 60118007 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/18	13:43:58.20			-31.3100	-178.8000				100.0					158.19	160.15	m i ke	EMSC
OrigID 60118039																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.5		BGR	60118013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	158.19		PKPab	14:04:17.255		26.0		3.80		TAS				m_e	
CLZ	158.40		PKPab	14:04:18.043		26.0		3.80		TAS				m_e	
GRA1	160.15		PKPab	14:04:26.940		26.0		3.80		TAS				m_e	
GRA1	160.15		L	15:06:36.988						T__		56.8	19.50	a_e	Ms 4.4
IBBN	158.47		PKPab	14:04:18.974		26.0		3.80		TAS				m_e	
MOX	159.18		L	15:14:31.843						T__		69.9	18.80	a_e	Ms 4.5

Event 60118008 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/18	18:24:22.70			-21.5600	175.9200				20.0					145.87	151.50	m i ke	EMSC
OrigID 60118040																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.6		BGR	60118014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.77		PKPdf	18:44:10.654		28.9		1.81		TAS				m_e	
BFO	151.50		PKPdf	18:44:13.066		28.9		1.81		TAS				m_e	
BFO	151.50		L	20:02:40.957						T__		788.3	21.10	a_e	Ms 5.5
BSEG	145.87		L	19:50:20.614						T__		1088.2	21.50	a_e	Ms 5.6
CLL	147.45		L	19:53:04.194						T__		1361.8	21.90	a_e	Ms 5.7
FUR	150.73		L	19:51:24.272						T__		1181.9	21.30	a_e	Ms 5.7
GEC2	149.30		PKPdf	18:44:08.756		28.9		1.81		TAS				m_e	
GEC2	149.30		L	19:51:29.532						T__		1527.5	21.30	a_e	Ms 5.8
GRA1	149.42		PKPdf	18:44:08.910		28.9		1.81		TAS				m_e	
GRA1	149.42		L	19:54:54.300						T__		723.1	19.50	a_e	Ms 5.5
MOX	148.46		L	20:02:28.954						T__		1204.5	19.90	a_e	Ms 5.7
TNS	149.74		PKPdf	18:44:10.295		28.9		1.81		TAS				m_e	
TNS	149.74		L	19:46:21.268						T__		1032.6	21.60	a_e	Ms 5.6

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	60119011
Ms	5.4		BGR	60119011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	86.44		L	03:10:45.366						T__		2379.7	18.90	a_e	Ms 5.6
BSEG	82.47		L	03:05:27.012						T__		1531.2	18.30	a_e	Ms 5.4
CLL	82.33		P	02:25:50.420		66.1		4.93		TAS		24.1	1.12	m_e	mb 5.2
CLL	82.33		L	03:08:19.617						T__		2559.7	18.80	a_e	Ms 5.6
CLZ	83.49		P	02:25:57.225		66.1		4.93		TAS		30.1	1.11	m_e	mb 5.4
FLT1	82.79		P	02:25:52.972		66.1		4.93		TAS		28.3	1.20	m_e	mb 5.4
FUR	84.84		L	03:10:33.516						T__		1556.2	18.00	a_e	Ms 5.4
GEC2	83.10		P	02:25:54.873		66.1		4.93		TAS		11.7	0.99	m_e	mb 5.1
GEC2	83.10		L	03:04:50.066						T__		919.0	18.30	a_e	Ms 5.2
GRA1	84.11		P	02:25:59.654		66.1		4.93		TAS		33.6	1.76	m_e	mb 5.3
GRA1	84.11		L	03:09:28.466						T__		1552.1	19.20	a_e	Ms 5.4
GUNZ	83.15		P	02:25:55.223		66.1		4.93		TAS		21.3	1.23	m_e	mb 5.2
MOX	83.41		L	03:09:00.709						T__		2285.9	18.70	a_e	Ms 5.6
TNS	85.37		L	03:06:45.148						T__		1355.6	19.60	a_e	Ms 5.3
WET	83.43		L	03:05:55.298						T__		1818.7	20.70	a_e	Ms 5.4

Event 60119006 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/19	03:22:06.10			-6.8400	155.1700				90.0					125.14	130.00	m i ke	EMSC
	OrigID																
	60119038																

Magnitude	Err	Nsta	Author	OrigID
Ms	4.5		BGR	60119012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	130.00		L	04:37:47.506						T__		70.1	21.90	a_e	Ms 4.3
BRG	125.59		PKPdf	03:40:57.771		47.6		1.11		TAS				m_e	
BSEG	125.14		L	04:37:48.020						T__		128.9	18.60	a_e	Ms 4.6
CLL	125.76		PKPdf	03:40:58.244		47.6		1.11		TAS				m_e	
CLL	125.76		L	04:32:05.200						T__		91.5	21.10	a_e	Ms 4.4
CLZ	126.60		PKPdf	03:40:59.898		47.6		1.11		TAS				m_e	
FBE	125.85		PKPdf	03:40:58.716		47.6		1.11		TAS				m_e	
FUR	128.68		L	04:42:43.810						T__		91.5	18.30	a_e	Ms 4.5
GEC2	127.01		PKPdf	03:41:00.843		47.6		1.11		TAS				m_e	
GEC2	127.01		L	04:37:19.977						T__		83.0	19.50	a_e	Ms 4.4
GRA1	127.69		PKPdf	03:41:00.995		47.6		1.11		TAS				m_e	
GRA1	127.69		L	04:44:11.087						T__		70.9	19.00	a_e	Ms 4.4
GTTG	126.98		PKPdf	03:41:00.607		47.6		1.11		TAS				m_e	
GUNZ	126.70		PKPdf	03:41:00.489		47.6		1.11		TAS				m_e	

MOX	126.86	L	04:40:18.285			T__	103.1	21.00	a_e Ms	4.5
TNS	128.60	L	04:42:18.397			T__	145.9	18.20	a_e Ms	4.7
WERN	126.73	PKPdf	03:41:00.252	47.6	1.11	TAS			m_e	
WET	127.24	L	04:37:33.724			T__	129.5	21.00	a_e Ms	4.6

Event 60119007 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/19	16:54:25.22			-23.4770	171.7340				33.0			28		146.51	151.91	m i ke	BGR
OrigID 60119013																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	60119013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.92		PKPbc	17:14:06.398	0.2	37.3		2.60		TAS				m_e	
BFO	151.91		PKPbc	17:14:16.256		37.3		2.60		TAS				m_e	
BFO	151.91		L	18:20:33.305						T__	186.7	20.50		a_e Ms	4.9
BRG	147.68		PKPbc	17:14:05.850	-0.1	37.3		2.60		TAS				m_e	
BSEG	146.52		PKPbc	17:14:02.355	-0.3	37.3		2.60		TAS				m_e	
BSEG	146.52		L	18:20:26.765						T__	215.6	18.30		a_e Ms	5.0
CLL	147.72		PKPbc	17:14:05.819	-0.1	37.3		2.60		TAS				m_e	
CLL	147.72		L	18:21:53.273						T__	211.9	20.70		a_e Ms	4.9
CLZ	148.26		PKPbc	17:14:07.715	0.2	37.3		2.60		TAS				m_e	
FBE	147.88		PKPbc	17:14:06.730	0.4	37.3		2.60		TAS				m_e	
FLT1	147.56		PKPbc	17:14:05.183	-0.3	37.3		2.60		TAS				m_e	
FUR	150.88		L	18:20:27.109						T__	126.6	20.70		a_e Ms	4.7
GEC2	149.31		PKPbc	17:14:10.470	0.2	37.3		2.60		TAS				m_e	
GEC2	149.31		L	18:18:09.141						T__	166.5	22.00		a_e Ms	4.8
GRA1	149.70		PKPbc	17:14:11.368	-0.6	37.3		2.60		TAS				m_e	
GRA1	149.70		L	18:24:22.009						T__	254.0	19.10		a_e Ms	5.0
GTTG	148.65		PKPbc	17:14:08.777	0.1	37.3		2.60		TAS				m_e	
GUNZ	148.73		PKPbc	17:14:09.056	0.1	37.3		2.60		TAS				m_e	
MANZ	149.11		PKPbc	17:14:09.922	-0.0	37.3		2.60		TAS				m_e	
MOX	148.78		PKPbc	17:14:08.895	-0.2	37.3		2.60		TAS				m_e	
MOX	148.78		L	18:23:32.031						T__	234.1	18.40		a_e Ms	5.0
NEUB	148.28		PKPbc	17:14:07.724	0.4	37.3		2.60		TAS				m_e	
NRDL	147.81		PKPbc	17:14:06.093	0.1	37.3		2.60		TAS				m_e	
PLN	148.70		PKPbc	17:14:08.772	0.4	37.3		2.60		TAS				m_e	
RETH	147.84		PKPbc	17:14:06.098	-0.1	37.3		2.60		TAS				m_e	
ROTZ	149.24		PKPbc	17:14:10.316	0.1	37.3		2.60		TAS				m_e	
RUE	146.51		PKPbc	17:14:02.651	-0.5	37.3		2.60		TAS				m_e	
STU	151.23		PKPbc	17:14:15.296		37.3		2.60		TAS				m_e	
TANN	148.63		PKPbc	17:14:08.708	0.2	37.3		2.60		TAS				m_e	
TNS	150.28		PKPbc	17:14:12.749		37.3		2.60		TAS				m_e	
TNS	150.28		L	18:19:20.391						T__	236.7	18.20		a_e Ms	5.0

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UBR	151.74	PKPbc	17:14:16.054		37.3	2.60	TAS										m_e
WERD	148.67	PKPbc	17:14:08.766	0.3	37.3	2.60	TAS										m_e
WERN	148.77	PKPbc	17:14:09.278	0.2	37.3	2.60	TAS										m_e
WET	149.44	PKPbc	17:14:10.838	0.2	37.3	2.60	TAS										m_e
WET	149.44	L	18:22:58.036				T__				171.1	20.30	a_e	Ms		4.8	
WLF	151.51	PKPbc	17:14:16.029		37.3	2.60	TAS										a_e

Event 60119008 Dodecanese Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/19	19:04:42.90	4.31	353.20	36.6100	26.9800	78.9	65.6	136	148.0			13	348	15.61	19.23	m i ke	EMSC
60119040																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	60119014
Ms	2.6		BGR	60119014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	18.01		P	19:08:43.810		132.9		11.18		TAS		17.2	0.62	m_e mb	4.3
CLL	17.76		P	19:08:39.876		132.9		11.18		TAS		12.3	0.65	m_e mb	4.2
FUR	16.33		P	19:08:23.481	-1.6	132.9		11.18		TAS		39.2	1.19	m_e mb	4.4
GEC2	15.61		P	19:08:15.511	-0.6	132.9		11.18		TAS		13.7	1.07	m_e mb	4.0
GRA1	17.36		P	19:08:34.361		132.9		11.18		TAS		15.8	1.04	m_e mb	4.1
GRA1	17.36		L	19:14:18.256	-99.9					T__		70.3	19.20	a_e Ms	2.8
GTTG	19.23		P	19:08:55.616		132.9		11.18		TAS		33.5	1.15	m_e mb	4.5
MANZ	17.16		P	19:08:33.588	0.2	132.9		11.18		TAS		4.6	1.25	m_e mb	3.5
MOX	17.85		L	19:15:17.629	-99.9					T__		23.9	18.60	a_e Ms	2.4
PLN	17.50		P	19:08:37.400		132.9		11.18		TAS		14.9	0.71	m_e mb	4.2
STU	17.80		P	19:08:41.272		132.9		11.18		TAS		106.8	0.66	m_e mb	5.1
TANN	17.31		P	19:08:35.131		132.9		11.18		TAS		14.5	1.28	m_e mb	4.0
TNS	19.07		P	19:08:53.560		132.9		11.18		TAS		18.4	0.67	m_e mb	4.4
UBR	16.66		P	19:08:27.718	0.8	132.9		11.18		TAS		325.7	2.66	m_e mb	5.0
WERN	17.26		P	19:08:35.121		132.9		11.18		TAS		16.4	1.17	m_e mb	4.0
WET	16.21		P	19:08:22.158	0.3	132.9		11.18		TAS		15.3	1.21	m_e mb	4.0

Event 60120009 Pacific-Antarctic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/20	15:05:20.20			-56.3800	-139.0400				10.0					161.01	161.90	m i ke	EMSC
60120041																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.2		BGR	60120015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	161.90		L	16:49:35.247						T__		425.5	20.90	a_e	Ms 5.3
GRA1	161.01		PKPdf	15:25:22.070		238.0		1.68		TAS				m_e	
GRA1	161.01		L	16:44:58.606						T__		353.3	19.80	a_e	Ms 5.2
MOX	161.72		L	16:45:39.717						T__		246.4	21.20	a_e	Ms 5.0
WET	161.62		L	16:49:33.207						T__		332.4	20.60	a_e	Ms 5.2

Event 60120010 Qinghai, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/20	17:13:17.70			37.0630	101.1570				33.0			34		59.65	65.74	m i ke	BGR
OrigID 60120016																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.4		BGR	60120016
MBB	6.7		BGR	60120016
Ms	5.8		BGR	60120016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	64.80		P	17:23:51.746	-0.6	64.0		6.68		TAS		359.1	1.22	m_e	mb 6.5
ASSE	62.07		P	17:23:33.183	-0.3	64.0		6.68		TAS		203.2	1.59	m_e	mb 6.1
BFO	65.13		P	17:23:53.424	0.2	64.0		6.68		TAS		267.1	1.42	m_e	mb 6.3
BFO	65.13		L	17:53:01.175						T__		7672.7	18.70	a_e	Ms 5.9
BRG	60.73		P	17:23:24.432	-0.2	64.0		6.68		TAS		392.7	1.61	m_e	mb 6.0
BSEG	61.51		P	17:23:29.804	0.5	64.0		6.68		TAS		706.4	1.22	m_e	mb 6.8
BSEG	61.51		L	17:50:58.022						T__		5274.9	18.60	a_e	Ms 5.7
BUG	64.27		P	17:23:48.104	0.0	64.0		6.68		TAS		517.8	1.36	m_e	mb 6.6
CLL	61.10		P	17:23:26.457	-0.6	64.0		6.68		TAS		387.0	1.50	m_e	mb 6.0
CLL	61.10		L	17:51:09.592						T__		5577.3	20.30	a_e	Ms 5.7
CLZ	62.36		P	17:23:35.656	0.2	64.0		6.68		TAS		522.0	1.23	m_e	mb 6.6
FBE	61.05		P	17:23:26.745	-0.1	64.0		6.68		TAS		474.2	1.69	m_e	mb 6.0
FLT1	61.67		P	17:23:30.054	-0.7	64.0		6.68		TAS		376.6	1.28	a_e	mb 6.5
FUR	63.46		P	17:23:43.527	-0.0	64.0		6.68		TAS		778.9	1.50	m_e	mb 6.6
FUR	63.46		L	17:52:11.790						T__		6377.7	18.20	a_e	Ms 5.8
GEC2	61.71		P	17:23:31.454	0.3	64.0		6.68		TAS		274.2	1.46	m_e	MBB 6.6
GEC2	61.71		L	17:51:16.879						T__		7083.0	20.10	a_e	Ms 5.8
GRA1	62.81		P	17:23:39.032	-0.3	64.0		6.68		TAS		624.7	1.46	m_e	mb 6.5
GRA1	62.81		L	17:51:58.078						T__		6666.7	21.30	a_e	Ms 5.8
GTTG	62.72		P	17:23:38.084	0.5	64.0		6.68		TAS		609.9	1.39	m_e	mb 6.5
GUNZ	61.88		P	17:23:32.304	-0.0	64.0		6.68		TAS		341.6	1.56	a_e	mb 6.3
IBBN	63.61		P	17:23:43.476	-0.2	64.0		6.68		TAS		500.2	1.50	m_e	mb 6.5
MANZ	62.17		P	17:23:34.342	0.1	64.0		6.68		TAS		57.2	1.44	m_e	mb 5.6
MOX	62.17		P	17:23:34.204	-0.1	64.0		6.68		TAS		303.9	1.50	a_e	MBB 6.7
MOX	62.17		L	17:55:39.863						T__		4145.1	19.00	a_e	Ms 5.6
NEUB	61.85		P	17:23:31.772	-0.3	64.0		6.68		TAS		576.8	1.46	m_e	mb 6.6

NRDL	62.23	P	17:23:34.904	0.5	64.0	6.68	TAS	648.8	1.29	a_e	mb	6.7
PLN	61.92	P	17:23:32.554	-0.1	64.0	6.68	TAS	294.3	1.62	a_e	mb	6.3
RETH	62.54	P	17:23:36.548	0.2	64.0	6.68	TAS	477.6	1.43	m_e	mb	6.4
RGN	59.65	P	17:23:17.247	0.3	64.0	6.68	TAS	1009.9	1.41	m_e	mb	6.7
ROTZ	62.20	P	17:23:34.779	0.3	64.0	6.68	TAS	103.8	1.50	m_e	mb	5.8
RUE	60.19	P	17:23:20.693	-0.2	64.0	6.68	TAS	612.5	1.40	m_e	mb	6.4
STU	64.41	P	17:23:49.062	0.0	64.0	6.68	TAS	1302.2	2.01	m_e	mb	6.8
TANN	61.78	P	17:23:31.604	-0.1	64.0	6.68	TAS	285.9	1.50	m_e	mb	6.3
TNS	64.17	P	17:23:47.440	0.0	64.0	6.68	TAS	249.9	1.57	m_e	mb	6.2
TNS	64.17	L	17:53:04.054				T__	4324.7	18.60	a_e	Ms	5.7
UBBA	63.02	P	17:23:39.570	0.7	64.0	6.68	TAS	376.9	1.80	m_e	mb	6.2
UBR	64.38	P	17:23:49.025	-0.2	64.0	6.68	TAS	494.1	1.46	m_e	mb	6.5
WERD	61.86	P	17:23:32.054	-0.1	64.0	6.68	TAS	318.0	1.61	m_e	mb	6.3
WERN	61.88	P	17:23:32.454	0.1	64.0	6.68	TAS	344.0	1.58	a_e	mb	6.3
WET	62.07	P	17:23:33.899	0.3	64.0	6.68	TAS	347.4	1.61	m_e	MBB	6.7
WET	62.07	L	17:51:29.545				T__	8359.9	22.00	a_e	Ms	5.9
WLF	65.74	P	17:23:58.233		64.0	6.68	TAS	572.7	1.32	m_e	mb	6.6

Event 60120011 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/20	21:53:49.73			44.4790	145.3680				33.0			19		74.72	80.19	m i ke	BGR
60120017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	60120017
Ms	4.1		BGR	60120017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	76.15		P	22:05:32.782	0.4	31.6		5.57		TAS		5.6	0.94	m_e	mb	4.7
BFO	80.19		L	22:44:25.209						T__		72.4	21.50	a_e	Ms	4.0
BRG	76.11		P	22:05:32.486	0.1	31.6		5.57		TAS		9.4	1.09	m_e	mb	4.8
BSEG	74.72		P	22:05:25.032	-0.0	31.6		5.57		TAS		31.0	0.94	m_e	mb	5.3
BUG	77.81		P	22:05:41.873		31.6		5.57		TAS		18.1	0.97	m_e	mb	5.2
CLL	76.07		P	22:05:32.111	-0.0	31.6		5.57		TAS		37.1	1.08	m_e	mb	5.4
CLZ	76.49		P	22:05:35.090	0.0	31.6		5.57		TAS		20.3	0.77	m_e	mb	5.3
FBE	76.27		P	22:05:33.630	-0.2	31.6		5.57		TAS		22.7	1.07	m_e	mb	5.2
FLT1	75.79		P	22:05:30.435	0.1	31.6		5.57		TAS		30.9	1.06	m_e	mb	5.4
FUR	79.33		L	22:41:14.651						T__		108.4	21.60	a_e	Ms	4.2
GEC2	77.89		P	22:05:42.371		31.6		5.57		TAS		7.9	1.06	m_e	mb	4.8
GEC2	77.89		L	22:39:38.785						T__		148.1	21.20	a_e	Ms	4.3
GRA1	78.04		P	22:05:43.657		31.6		5.57		TAS		21.3	1.03	m_e	mb	5.2
GRA1	78.04		L	22:40:53.651						T__		85.6	20.40	a_e	Ms	4.1
GUNZ	77.09		P	22:05:38.159	-0.3	31.6		5.57		TAS		8.0	0.85	m_e	mb	4.9
MOX	77.10		L	22:38:17.714						T__		93.3	21.80	a_e	Ms	4.1
NEUB	76.58		P	22:05:35.062	0.0	31.6		5.57		TAS		24.9	1.09	m_e	mb	5.3

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NRDL	76.02	P	22:05:32.120	-0.3	31.6	5.57	TAS	6.3	0.74	m_e	mb	4.8
RETH	76.04	P	22:05:32.288	-0.1	31.6	5.57	TAS	32.9	1.09	m_e	mb	5.4
ROTZ	77.64	P	22:05:41.274		31.6	5.57	TAS	2.0	1.12	m_e	mb	4.2
RUE	74.83	P	22:05:25.479	-0.4	31.6	5.57	TAS	22.5	0.77	m_e	mb	5.3
TNS	78.51	P	22:05:45.646		31.6	5.57	TAS	8.0	0.90	m_e	mb	4.8
WERN	77.14	P	22:05:38.394		31.6	5.57	TAS	9.2	0.84	m_e	mb	4.9
WET	77.93	P	22:05:43.092		31.6	5.57	TAS	17.9	1.12	m_e	mb	5.1
WET	77.93	L	22:43:18.684				T__	112.8	21.90	a_e	Ms	4.2

Event 60121001 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/21	07:15:08.45			-23.0500	-174.2300				33.0				16	148.97	153.50	m i ke	BGR
60121007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	151.51		PKPbc	07:34:59.256	0.3	11.6		2.46		TAS				m_e	
BSEG	148.97		PKPbc	07:34:52.902	-0.2	11.6		2.46		TAS				m_e	
CLL	151.24		PKPbc	07:34:58.506	0.1	11.6		2.46		TAS				m_e	
CLZ	151.04		PKPbc	07:34:58.400	0.0	11.6		2.46		TAS				m_e	
FBE	151.56		PKPbc	07:34:59.725	-0.6	11.6		2.46		TAS				m_e	
FLT1	150.47		PKPbc	07:34:56.443	-0.0	11.6		2.46		TAS				m_e	
GEC2	153.50		PKPbc	07:35:03.564		11.6		2.46		TAS				m_e	
GUNZ	152.26		PKPbc	07:35:01.244		11.6		2.46		TAS				m_e	
MANZ	152.66		PKPbc	07:35:02.071		11.6		2.46		TAS				m_e	
MOX	152.08		PKPbc	07:35:00.550		11.6		2.46		TAS				m_e	
NEUB	151.52		PKPbc	07:34:59.262	0.2	11.6		2.46		TAS				m_e	
PLN	152.16		PKPbc	07:35:00.850		11.6		2.46		TAS				m_e	
RETH	150.23		PKPbc	07:34:56.020	-0.1	11.6		2.46		TAS				m_e	
TANN	152.19		PKPbc	07:35:00.944		11.6		2.46		TAS				m_e	
WERD	152.18		PKPbc	07:35:00.994		11.6		2.46		TAS				m_e	
WERN	152.33		PKPbc	07:35:01.506		11.6		2.46		TAS				m_e	

Event 60121008 Morocco

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/21	13:47:11.25			34.0800	-3.3200				33.0				17	18.93	22.10	m i ke	BGR
60121014																	

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 60121014

Ms 4.2 BGR 60121014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	20.67		P	13:51:49.144		217.0		10.85		TAS		94.5	1.66	m_e	mb 4.9
BRG	20.98		P	13:51:52.822		217.0		10.85		TAS		154.6	1.41	m_e	mb 5.1
BSEG	22.07		P	13:52:02.962		217.0		10.85		TAS		239.7	1.25	m_e	mb 5.5
BUG	18.98		P	13:51:30.255	-0.3	217.0		10.85		TAS		197.6	1.51	m_e	mb 5.1
CLL	20.90		P	13:51:51.629		217.0		10.85		TAS		148.7	1.12	m_e	mb 5.2
FBE	20.76		P	13:51:50.237		217.0		10.85		TAS		120.3	1.16	m_e	mb 5.1
FLT1	21.03		P	13:51:52.332		217.0		10.85		TAS		71.0	1.49	m_e	mb 4.8
GRA1	18.93		P	13:51:30.255	-0.1	217.0		10.85		TAS		152.7	1.20	m_e	mb 5.1
GRA1	18.93		S	13:54:56.169						T__				m_e	
GRA1	18.93		L	13:58:18.797						T__		851.9	20.10	a_e	Ms 4.0
GUNZ	19.91		P	13:51:40.306		217.0		10.85		TAS		68.6	1.43	m_e	mb 4.7
MANZ	19.53		P	13:51:36.192	0.2	217.0		10.85		TAS		9.2	0.98	m_e	mb 4.0
MOX	19.83		P	13:51:39.368	-0.4	217.0		10.85		TAS		610.3	3.33	m_e	mb 5.3
MOX	19.83		S	13:55:16.876						T__				m_e	
MOX	19.83		L	13:58:47.995						T__		1329.8	20.80	a_e	Ms 4.3
NEUB	20.32		P	13:51:45.855		217.0		10.85		TAS		90.4	1.22	m_e	mb 4.9
PLN	19.93		P	13:51:40.476		217.0		10.85		TAS		41.8	1.07	m_e	mb 4.6
RUE	22.10		P	13:52:04.652		217.0		10.85		TAS		532.2	1.25	m_e	mb 5.8
TANN	20.00		P	13:51:41.383		217.0		10.85		TAS		68.1	1.28	m_e	mb 4.7
WERD	19.96		P	13:51:40.885		217.0		10.85		TAS		77.0	1.45	m_e	mb 4.7
WET	19.26		P	13:51:31.942	0.2	217.0		10.85		TAS		44.0	1.26	m_e	mb 4.5

Event 60121009 Off coast of Jalisco, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/21	18:06:54.48			18.1880	-107.8670				10.0					93.68	93.68	m i ke	BGR
60121015																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.1		BGR	60121015
MBB	6.1		BGR	60121015
Ms	6.5		BGR	60121015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	93.68		S	18:30:55.609						T__				m_e	
GRA1	93.68		P	18:20:10.454		299.3		4.53		TAS		252.5	2.68	m_e	MBB 6.1
GRA1	93.68		L	18:59:37.236						T__		17005.3	21.40	a_e	Ms 6.5

Event 60122006 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2016/01/22 20:51:48.07 28.0100 54.6800 21.4 0.5 41 36.00 42.64 m i ke BGR
 60122012

Magnitude Err Nsta Author OrigID
 mb 5.2 BGR 60122012
 Ms 4.3 BGR 60122012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	42.26		P	20:59:40.817	0.1	108.0		8.33		TAS		77.3	0.99	a_e mb	5.4
ARSA	36.00		P	20:58:48.308	0.4	108.0		8.33		TAS				m_e	
ASSE	40.55		P	20:59:26.217	0.3	108.0		8.33		TAS		55.0	1.16	a_e mb	5.2
BFO	40.96		P	20:59:29.831	0.2	108.0		8.33		TAS		19.0	1.17	m_e mb	4.7
BRG	38.20		P	20:59:06.117	-0.6	108.0		8.33		TAS		63.8	1.19	m_e mb	5.2
BSEG	41.37		P	20:59:32.667	0.3	108.0		8.33		TAS		71.2	1.32	a_e mb	5.2
BUG	42.37		P	20:59:41.517		108.0		8.33		TAS		155.1	1.16	a_e mb	5.6
BUG	42.37		pP	20:59:47.036						T__				m_e	
CLL	38.90		P	20:59:12.317	-0.5	108.0		8.33		TAS		87.6	1.20	a_e mb	5.3
CLZ	40.63		P	20:59:27.217	0.8	108.0		8.33		TAS		178.1	1.07	a_e mb	5.7
DAVA	39.71		S	21:05:20.364						T__				m_e	
FBE	38.56		P	20:59:09.417	-0.1	108.0		8.33		TAS		50.5	1.16	a_e mb	5.0
FLT1	40.29		P	20:59:23.967	0.1	108.0		8.33		TAS		190.4	1.25	a_e mb	5.6
FUR	39.01		P	20:59:12.967	-0.8	108.0		8.33		TAS		165.4	1.23	a_e mb	5.5
GEC2	37.66		S	21:04:51.724						T__				m_e	
GEC2	37.66		P	20:59:01.867	-0.2	108.0		8.33		TAS		66.3	1.03	a_e mb	5.3
GRA1	39.46		P	20:59:17.167	-0.3	108.0		8.33		TAS		219.2	1.04	a_e mb	5.7
GRA1	39.46		L	21:20:35.462						T__		462.0	19.10	a_e Ms	4.3
GTTG	40.78		P	20:59:28.517	0.6	108.0		8.33		TAS		100.7	1.22	a_e mb	5.4
GUNZ	38.99		P	20:59:12.688	-0.4	108.0		8.33		TAS		34.0	1.48	m_e mb	4.8
IBBN	42.31		P	20:59:41.067	-0.5	108.0		8.33		TAS		137.6	1.22	a_e mb	5.6
KBA	37.37		P	20:58:59.986	0.9	108.0		8.33		TAS				m_e	
MANZ	39.00		P	20:59:13.000	-0.0	108.0		8.33		TAS		11.3	1.13	m_e mb	4.4
MOA	36.99		P	20:58:56.587	0.3	108.0		8.33		TAS				m_e	
MOX	39.51		P	20:59:17.367	-0.3	108.0		8.33		TAS		43.2	1.13	a_e mb	5.0
MOX	39.51		L	21:19:03.476						T__		375.0	21.10	a_e Ms	4.2
NEUB	39.59		P	20:59:18.017	0.3	108.0		8.33		TAS		77.7	1.13	a_e mb	5.2
NRDL	40.99		P	20:59:30.467	0.3	108.0		8.33		TAS		150.0	1.28	a_e mb	5.6
OBKA	36.41		P	20:58:51.802	0.9	108.0		8.33		TAS				m_e	
PLN	39.13		P	20:59:13.917	-0.0	108.0		8.33		TAS		24.6	1.27	a_e mb	4.7
RETH	41.50		P	20:59:34.130	0.1	108.0		8.33		TAS		97.9	1.66	m_e mb	5.3
RGN	39.97		P	20:59:21.267	-0.9	108.0		8.33		TAS		393.9	1.32	a_e mb	5.9
RJOB	37.91		P	20:59:03.862	0.1	108.0		8.33		TAS		40.0	1.05	m_e mb	5.1
ROTZ	38.87		P	20:59:12.267	-0.2	108.0		8.33		TAS		27.2	1.06	a_e mb	4.8
RUE	38.89		P	20:59:11.867	-0.2	108.0		8.33		TAS		62.4	1.01	a_e mb	5.2
STU	40.50		P	20:59:24.567	0.1	108.0		8.33		TAS		92.0	1.18	a_e mb	5.3
TANN	38.93		P	20:59:12.273	-0.0	108.0		8.33		TAS		70.5	2.09	m_e mb	4.9
TNS	41.33		P	20:59:32.967	0.1	108.0		8.33		TAS		130.9	1.21	a_e mb	5.5
UBBA	40.54		P	20:59:26.367	0.3	108.0		8.33		TAS		43.7	1.14	a_e mb	5.1
UBR	39.65		P	20:59:18.267	1.2	108.0		8.33		TAS		135.0	1.01	a_e mb	5.5

WERD	39.03	P	20:59:12.896	-0.6	108.0	8.33	TAS	27.1	1.27	m_e	mb	4.7
WERN	38.94	P	20:59:12.867	-0.6	108.0	8.33	TAS	52.6	1.18	a_e	mb	5.0
WET	38.27	P	20:59:06.617	-0.6	108.0	8.33	TAS	84.9	1.15	a_e	mb	5.4
WLF	42.64	P	20:59:43.017		108.0	8.33	TAS	97.6	1.06	a_e	mb	5.5
WLF	42.64	pP	20:59:48.788				T__				m_e	
WTTA	38.54	S	21:05:03.804				T__				m_e	

Event 60123002 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2016/01/23	04:54:00.25			36.3000	72.1800				33.0			35		43.49	48.60	m i ke	BGR
60123008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	60123008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	47.87	P		05:02:35.902	-0.2	84.1		7.93		TAS		18.3	0.81	m_e	mb	5.3
BFO	47.42	P		05:02:31.146	-0.5	84.1		7.93		TAS		16.8	1.08	m_e	mb	5.1
BRG	43.49	P		05:02:00.891	-0.1	84.1		7.93		TAS		27.3	0.92	m_e	mb	5.0
BSEG	45.53	P		05:02:17.294	0.3	84.1		7.93		TAS		34.8	1.09	m_e	mb	5.3
BUG	47.62	P		05:02:33.076	0.2	84.1		7.93		TAS		28.0	1.12	m_e	mb	5.3
CLL	44.06	P		05:02:04.682	-0.8	84.1		7.93		TAS		16.5	1.04	m_e	mb	4.7
CLZ	45.65	P		05:02:18.258	0.3	84.1		7.93		TAS		31.8	1.32	m_e	mb	5.2
FBE	43.86	P		05:02:03.855	-0.1	84.1		7.93		TAS		32.3	0.91	m_e	mb	5.0
FLT1	45.08	P		05:02:12.883	-0.5	84.1		7.93		TAS		32.2	0.77	m_e	mb	5.3
FUR	45.51	P		05:02:17.225	1.0	84.1		7.93		TAS		61.9	1.25	m_e	mb	5.5
GEC2	43.82	P		05:02:03.303	-0.0	84.1		7.93		TAS		11.7	1.11	m_e	mb	4.5
GRA1	45.34	P		05:02:16.122	0.5	84.1		7.93		TAS		93.9	1.63	m_e	mb	5.5
GTTG	45.93	P		05:02:20.326	0.7	84.1		7.93		TAS		47.8	1.03	m_e	mb	5.5
GUNZ	44.56	P		05:02:09.299	-0.1	84.1		7.93		TAS		14.3	1.00	m_e	mb	4.9
HGN	48.55	P		05:02:40.381		84.1		7.93		TAS				m_e		
IBBN	47.21	P		05:02:30.044	-0.8	84.1		7.93		TAS		33.0	0.99	m_e	mb	5.4
MANZ	44.74	P		05:02:11.229	0.4	84.1		7.93		TAS		5.2	1.08	m_e	mb	4.4
MOX	44.99	P		05:02:12.745	-0.1	84.1		7.93		TAS		15.2	0.99	m_e	mb	4.9
NEUB	44.84	P		05:02:11.436	-0.2	84.1		7.93		TAS		30.3	0.87	m_e	mb	5.2
NRDL	45.75	P		05:02:18.948	0.1	84.1		7.93		TAS		18.7	1.09	m_e	mb	5.0
PLN	44.66	P		05:02:09.644	-0.6	84.1		7.93		TAS		9.2	0.96	m_e	mb	4.7
RETH	46.19	P		05:02:22.256	-0.0	84.1		7.93		TAS		14.6	1.06	m_e	mb	4.9
RJOB	44.55	P		05:02:09.023	0.2	84.1		7.93		TAS		24.7	0.97	m_e	mb	5.1
ROTZ	44.70	P		05:02:11.160	0.7	84.1		7.93		TAS		7.4	1.38	m_e	mb	4.4
RUE	43.51	P		05:02:00.340	-0.6	84.1		7.93		TAS		30.7	1.13	m_e	mb	4.9
STU	46.79	P		05:02:27.080	-0.4	84.1		7.93		TAS		65.6	0.95	m_e	mb	5.7
TANN	44.47	P		05:02:08.610	-0.1	84.1		7.93		TAS		10.9	1.04	m_e	mb	4.5
TNS	47.05	P		05:02:28.734	-0.1	84.1		7.93		TAS		15.5	1.03	m_e	mb	5.1
UBBA	45.99	P		05:02:21.446	0.2	84.1		7.93		TAS		9.4	1.11	m_e	mb	4.7

UBR	46.36	P	05:02:23.152	0.2	84.1	7.93	TAS										m_e
WERD	44.57	P	05:02:09.368	-0.1	84.1	7.93	TAS				13.9	1.09	m_e	mb			4.8
WERN	44.54	P	05:02:09.230	-0.0	84.1	7.93	TAS				12.4	1.29	m_e	mb			4.7
WET	44.33	P	05:02:07.369	-0.1	84.1	7.93	TAS				9.9	1.24	m_e	mb			4.4
WLF	48.60	P	05:02:41.277		84.1	7.93	TAS				42.3	0.93	m_e	mb			5.5
WTSB	47.83	P	05:02:35.144		84.1	7.93	TAS										m_e

Event 60123003 Easter Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/23	10:08:00.80			-22.3800	-114.0400				10.0			6		129.41	130.59	m i ke	EMSC
OrigID 60123035																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.2		BGR	60123009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
FBE	130.46		PKPdf	10:27:12.514		278.0		1.88		TAS					m_e	
GRA1	129.41		PKPdf	10:27:10.410		278.0		1.88		TAS					m_e	
GRA1	129.41		L	11:23:21.635						T__		496.5	19.00	a_e	Ms	5.2
MANZ	129.91		PKPdf	10:27:11.086		278.0		1.88		TAS					m_e	
MOX	129.45		L	11:22:37.215						T__		492.1	21.00	a_e	Ms	5.2
TANN	130.03		PKPdf	10:27:11.693		278.0		1.88		TAS					m_e	
WERN	130.01		PKPdf	10:27:11.733		278.0		1.88		TAS					m_e	
WET	130.59		PKPdf	10:27:12.554		278.0		1.88		TAS					m_e	

Event 60123004 Jan Mayen Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/23	13:02:17.70			71.6700	-2.1200				10.0					22.88	22.88	m i ke	EMSC
OrigID 60123036																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	60123010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	22.88		P	13:07:22.715		349.2		9.54		TAS		28.3	1.74	m_e	mb	4.5

Event 60124002 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2016/01/24 00:10:50.60 -15.2800 -173.5200 35.0 145.46 145.46 m i ke NEIC
 60124041

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	145.46		PKPbc	00:30:24.936		8.1		2.76		TAS					m_e

Event 60124003 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/24	00:34:03.90			-23.0000	172.3400				33.0			26		146.26	151.56	m i ke	BGR
OrigID																	
60124009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.68		PKPbc	00:53:44.612	0.3	33.6		2.65		TAS					m_e
BRG	147.50		PKPbc	00:53:44.168	0.3	33.6		2.65		TAS					m_e
BSEG	146.26		PKPbc	00:53:40.580	-0.3	33.6		2.65		TAS					m_e
CLL	147.53		PKPbc	00:53:44.033	0.0	33.6		2.65		TAS					m_e
CLZ	148.03		PKPbc	00:53:45.793	0.3	33.6		2.65		TAS					m_e
FBE	147.69		PKPbc	00:53:44.980	-0.2	33.6		2.65		TAS					m_e
FLT1	147.32		PKPbc	00:53:43.423	-0.1	33.6		2.65		TAS					m_e
FUR	150.71		PKPbc	00:53:52.810		33.6		2.65		TAS					m_e
FUR	150.71		PKPab	00:53:59.666		40.3		4.03		TAS					m_e
GEC2	149.16		PKPbc	00:53:48.757		33.6		2.65		TAS					m_e
GRA1	149.50		PKPbc	00:53:49.584		33.6		2.65		TAS					m_e
GTTG	148.41		PKPbc	00:53:46.808	0.2	33.6		2.65		TAS					m_e
IBBN	148.44		PKPbc	00:53:46.537	0.2	33.6		2.65		TAS					m_e
MANZ	148.92		PKPbc	00:53:48.162	0.0	33.6		2.65		TAS					m_e
MOX	148.58		PKPbc	00:53:46.927	-0.1	33.6		2.65		TAS					m_e
NRDL	147.56		PKPbc	00:53:44.181	-0.2	33.6		2.65		TAS					m_e
PLN	148.50		PKPbc	00:53:47.011	0.2	33.6		2.65		TAS					m_e
RETH	147.58		PKPbc	00:53:44.303	-0.1	33.6		2.65		TAS					m_e
ROTZ	149.06		PKPab	00:53:52.864		40.3		4.03		TAS					m_e
RUE	146.30		PKPbc	00:53:40.648	-0.2	33.6		2.65		TAS					m_e
STU	151.02		PKPbc	00:53:53.375		33.6		2.65		TAS					m_e
TANN	148.44		PKPbc	00:53:46.876	-0.1	33.6		2.65		TAS					m_e
UBR	151.56		PKPbc	00:53:54.255		33.6		2.65		TAS					m_e
UBR	151.56		PKPab	00:54:02.707		40.3		4.03		TAS					m_e
WERD	148.48		PKPbc	00:53:47.011	0.3	33.6		2.65		TAS					m_e
WERN	148.58		PKPbc	00:53:47.350	0.1	33.6		2.65		TAS					m_e
WERN	148.58		PKPab	00:53:50.979		40.3		4.03		TAS					m_e
WET	149.28		PKPbc	00:53:48.912		33.6		2.65		TAS					m_e

WET	149.28	PKPab	00:53:53.401	40.3	4.03	TAS	m_e
WLF	151.25	PKPbc	00:53:54.323	33.6	2.65	TAS	m_e

Event 60124001 Southern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/24	10:30:27.98			59.4100	-154.0800				139.1	4.4		11		65.83	74.03	m i ke	BGR
OrigID 60124007																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.4		BGR	60124007
MBB	7.2		BGR	60124007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	69.34		P	10:41:20.268	0.1	352.4		6.24		TAS		322.9	1.43	a_e	MBB 7.4
AHRW	69.34		PxPxbc	11:09:28.886		176.1		3.31		TAS				m_e	
AHRW	69.34		pPxPxbc	11:10:02.541	0.5	174.5		3.05		TAS				m_e	
ARSA	73.36		P	10:41:44.949	-0.2	352.4		6.24		TAS				m_e	
ASSE	68.14		P	10:41:12.618	-0.1	352.4		6.24		TAS		314.9	1.29	a_e	MBB 7.3
ASSE	68.14		pP	10:41:46.271	-0.6	352.7		6.29		TAS				a_e	
ASSE	68.14		pPxPxbc	11:10:05.589	-0.4	174.5		3.05		TAS				m_e	
BFO	71.66		S	10:50:43.247		352.0		12.22		TAS				a_e	
BFO	71.66		P	10:41:34.368	-0.3	352.4		6.24		TAS		278.2	1.46	a_e	MBB 7.1
BFO	71.66		pP	10:42:08.021	0.2	352.7		6.29		TAS				a_e	
BFO	71.66		pPxPxbc	11:09:54.115	-0.9	174.5		3.05		TAS				m_e	
BRG	69.65		S	10:50:19.797	0.1	352.0		12.22		TAS				a_e	
BRG	69.65		P	10:41:22.318	0.3	352.4		6.24		TAS		412.1	1.58	a_e	MBB 7.2
BRG	69.65		pP	10:41:55.871	0.1	352.7		6.29		TAS				a_e	
BRG	69.65		pPxPxbc	11:10:02.058	0.4	174.5		3.05		TAS				a_e	
BSEG	66.31		P	10:41:01.118	-0.2	352.4		6.24		TAS		522.8	1.33	a_e	MBB 7.5
BSEG	66.31		pP	10:41:35.038	-0.1	352.7		6.29		TAS				m_e	
BSEG	66.31		pPxPxbc	11:10:10.570	-1.0	174.5		3.05		TAS				m_e	
BUG	68.48		S	10:50:05.297	0.2	352.0		12.22		TAS				a_e	
BUG	68.48		P	10:41:14.318	-0.5	352.4		6.24		TAS		589.7	1.32	a_e	MBB 7.3
BUG	68.48		PxPxbc	11:09:31.359	-0.3	176.1		3.31		TAS				m_e	
BUG	68.48		pPxPxbc	11:10:04.958	0.2	174.5		3.05		TAS				a_e	
CLL	69.14		S	10:50:12.697	0.1	352.0		12.22		TAS				a_e	
CLL	69.14		P	10:41:18.818	-0.1	352.4		6.24		TAS		325.3	1.44	m_e	MBB 7.3
CLL	69.14		pP	10:41:52.471	-0.4	352.7		6.29		TAS				a_e	
CLL	69.14		pPxPxbc	11:10:03.708	0.6	174.5		3.05		TAS				a_e	
CLZ	68.39		S	10:50:04.647	-0.5	352.0		12.22		TAS				a_e	
CLZ	68.39		P	10:41:14.718	0.4	352.4		6.24		TAS		800.6	1.49	a_e	MBB 7.4
CLZ	68.39		pP	10:41:48.321	0.3	352.7		6.29		TAS				a_e	
CLZ	68.39		pPxPxbc	11:10:05.371	0.2	174.5		3.05		TAS				m_e	
DAVA	72.85		P	10:41:42.713	0.5	352.4		6.24		TAS				m_e	
FBE	69.55		S	10:50:18.397	-0.2	352.0		12.22		TAS				a_e	

FBE	69.55	P	10:41:21.868	0.4	352.4	6.24	TAS	555.0	1.60	a_e	MBB	7.1
FBE	69.55	pP	10:41:55.471	0.2	352.7	6.29	TAS			a_e		
FBE	69.55	pPxPxbc	11:10:02.458	0.6	174.5	3.05	TAS			a_e		
FLT1	67.98	S	10:49:58.797	0.1	352.0	12.22	TAS			a_e		
FLT1	67.98	P	10:41:11.218	-0.5	352.4	6.24	TAS	366.6	1.37	a_e	MBB	7.3
FLT1	67.98	pP	10:41:44.871	0.2	352.7	6.29	TAS			a_e		
FLT1	67.98	PxPxbc	11:09:33.129	0.4	176.1	3.31	TAS			m_e		
FLT1	67.98	pPxPxbc	11:10:07.058	0.6	174.5	3.05	TAS			a_e		
FUR	72.12	S	10:50:49.297		352.0	12.22	TAS			a_e		
FUR	72.12	P	10:41:37.368	-0.2	352.4	6.24	TAS	755.9	1.68	a_e	MBB	7.2
FUR	72.12	pP	10:42:11.021	-0.5	352.7	6.29	TAS			a_e		
FUR	72.12	PxPxbc	11:09:19.529		176.1	3.31	TAS			m_e		
FUR	72.12	pPxPxbc	11:09:53.058	-0.8	174.5	3.05	TAS			a_e		
GEC2	71.64	S	10:50:44.247		352.0	12.22	TAS			a_e		
GEC2	71.64	P	10:41:34.868	0.3	352.4	6.24	TAS	333.5	1.62	a_e	MBB	7.1
GEC2	71.64	pP	10:42:08.471	0.2	352.7	6.29	TAS			a_e		
GEC2	71.64	pPxPxbc	11:09:54.876	-0.6	174.5	3.05	TAS			m_e		
GRA1	70.60	S	10:50:32.047	-0.7	352.0	12.22	TAS			a_e		
GRA1	70.60	P	10:41:28.368	0.3	352.4	6.24	TAS	552.2	1.55	a_e	MBB	7.3
GRA1	70.60	pP	10:42:02.071	0.2	352.7	6.29	TAS			a_e		
GRA1	70.60	PxPxbc	11:09:24.808		176.1	3.31	TAS			m_e		
GRA1	70.60	pPxPxbc	11:09:58.258	-0.2	174.5	3.05	TAS			a_e		
GTTG	68.65	S	10:50:07.697	-0.2	352.0	12.22	TAS			a_e		
GTTG	68.65	P	10:41:16.218	0.3	352.4	6.24	TAS	808.7	1.23	a_e	MBB	7.4
GTTG	68.65	pP	10:41:49.821	0.0	352.7	6.29	TAS			a_e		
GTTG	68.65	pPxPxbc	11:10:04.501	0.1	174.5	3.05	TAS			m_e		
GUNZ	70.03	S	10:50:24.347	1.2	352.0	12.22	TAS			a_e		
GUNZ	70.03	P	10:41:24.768	0.3	352.4	6.24	TAS	545.9	1.89	a_e	MBB	7.0
GUNZ	70.03	pP	10:41:58.421	0.0	352.7	6.29	TAS			a_e		
GUNZ	70.03	PxPxbc	11:09:27.474		176.1	3.31	TAS			m_e		
GUNZ	70.03	pPxPxbc	11:10:00.808	0.5	174.5	3.05	TAS			a_e		
HLG	65.83	P	10:40:58.018	-0.3	352.4	6.24	TAS	836.4	1.41	a_e	MBB	7.5
HLG	65.83	pPxPxbc	11:10:12.458	-0.4	174.5	3.05	TAS			a_e		
IBBN	67.67	S	10:49:55.447	0.8	352.0	12.22	TAS			a_e		
IBBN	67.67	P	10:41:09.768	-0.1	352.4	6.24	TAS	556.6	1.40	a_e	MBB	7.5
IBBN	67.67	pPxPxbc	11:10:07.408	0.2	174.5	3.05	TAS			a_e		
KBA	73.37	P	10:41:45.401	0.1	352.4	6.24	TAS			m_e		
MANZ	70.38	S	10:50:28.647	-0.9	352.0	12.22	TAS			a_e		
MANZ	70.38	P	10:41:26.818	0.1	352.4	6.24	TAS	57.3	1.36	a_e	MBB	6.5
MANZ	70.38	pP	10:42:00.471	0.1	352.7	6.29	TAS			a_e		
MANZ	70.38	pPxPxbc	11:09:59.008	-0.2	174.5	3.05	TAS			a_e		
MOA	72.68	P	10:41:40.442	-0.5	352.4	6.24	TAS			m_e		
MOX	69.69	S	10:50:19.997	-0.1	352.0	12.22	TAS			m_e		
MOX	69.69	P	10:41:22.468	0.1	352.4	6.24	TAS	477.3	1.37	a_e	MBB	7.3
MOX	69.69	pP	10:41:56.121	0.0	352.7	6.29	TAS			a_e		
MOX	69.69	pPxPxbc	11:10:01.708	0.4	174.5	3.05	TAS			a_e		
NEUB	69.16	S	10:50:13.297	-0.3	352.0	12.22	TAS			a_e		
NEUB	69.16	P	10:41:19.068	0.0	352.4	6.24	TAS	777.4	1.55	a_e	MBB	7.4
NEUB	69.16	pP	10:41:52.671	-0.9	352.7	6.29	TAS			a_e		

NEUB	69.16	pPxPxbc	11:10:03.408	0.5	174.5	3.05	TAS			a_e		
NRDL	67.72	S	10:49:55.897	0.2	352.0	12.22	TAS			a_e		
NRDL	67.72	P	10:41:10.068	-0.1	352.4	6.24	TAS	589.8	1.41	a_e	MBB	7.4
NRDL	67.72	pP	10:41:43.621	-0.4	352.7	6.29	TAS			a_e		
NRDL	67.72	pPxPxbc	11:10:07.004	-0.2	174.5	3.05	TAS			m_e		
OBKA	74.03	P	10:41:48.573	-1.2	352.4	6.24	TAS			m_e		
PLN	69.89	S	10:50:22.597	-0.2	352.0	12.22	TAS			a_e		
PLN	69.89	P	10:41:23.768	0.1	352.4	6.24	TAS	290.6	1.43	a_e	MBB	7.2
PLN	69.89	pP	10:41:57.421	0.2	352.7	6.29	TAS			a_e		
PLN	69.89	PxPxbc	11:09:27.359		176.1	3.31	TAS			m_e		
PLN	69.89	pPxPxbc	11:10:01.058	0.3	174.5	3.05	TAS			a_e		
RETH	67.41	P	10:41:08.218	0.0	352.4	6.24	TAS	348.6	1.37	a_e	MBB	7.3
RETH	67.41	pP	10:41:41.871	0.3	352.7	6.29	TAS			a_e		
RETH	67.41	pPxPxbc	11:10:07.766	-0.4	174.5	3.05	TAS			m_e		
RGN	65.95	P	10:40:58.168	-0.8	352.4	6.24	TAS	1055.0	1.52	a_e	MBB	7.5
RGN	65.95	pP	10:41:31.469	-0.5	352.7	6.29	TAS			m_e		
RGN	65.95	pPxPxbc	11:10:12.635	-0.3	174.5	3.05	TAS			m_e		
RJOB	72.67	S	10:50:56.597		352.0	12.22	TAS			a_e		
RJOB	72.67	P	10:41:40.768	-0.2	352.4	6.24	TAS	239.9	0.91	a_e	MBB	7.1
RJOB	72.67	pP	10:42:14.421	0.3	352.7	6.29	TAS			a_e		
RJOB	72.67	pPxPxbc	11:09:51.935	-0.3	174.5	3.05	TAS			m_e		
ROTZ	70.61	S	10:50:31.897	0.1	352.0	12.22	TAS			a_e		
ROTZ	70.61	P	10:41:28.468	0.3	352.4	6.24	TAS	90.9	1.49	a_e	MBB	6.6
ROTZ	70.61	pP	10:42:02.071	-0.1	352.7	6.29	TAS			a_e		
ROTZ	70.61	PxPxbc	11:09:24.849		176.1	3.31	TAS			m_e		
ROTZ	70.61	pPxPxbc	11:09:58.158	-0.4	174.5	3.05	TAS			a_e		
RUE	68.04	S	10:50:00.797	0.2	352.0	12.22	TAS			a_e		
RUE	68.04	P	10:41:12.318	0.3	352.4	6.24	TAS	832.8	1.53	a_e	MBB	7.5
RUE	68.04	pP	10:41:45.921	-0.1	352.7	6.29	TAS			a_e		
RUE	68.04	pPxPxbc	11:10:06.025	-0.6	174.5	3.05	TAS			m_e		
STU	71.32	S	10:50:40.097		352.0	12.22	TAS			a_e		
STU	71.32	P	10:41:32.368	-0.2	352.4	6.24	TAS	635.1	1.32	a_e	MBB	7.5
STU	71.32	pP	10:42:05.971	-0.5	352.7	6.29	TAS			a_e		
STU	71.32	pPxPxbc	11:09:55.792	-0.3	174.5	3.05	TAS			m_e		
TANN	69.99	S	10:50:24.047	0.3	352.0	12.22	TAS			a_e		
TANN	69.99	P	10:41:24.618	0.4	352.4	6.24	TAS	358.8	1.52	a_e	MBB	7.3
TANN	69.99	pP	10:41:58.271	0.3	352.7	6.29	TAS			a_e		
TANN	69.99	PxPxbc	11:09:27.503		176.1	3.31	TAS			m_e		
TANN	69.99	pPxPxbc	11:10:00.958	0.5	174.5	3.05	TAS			a_e		
TNS	69.80	S	10:50:22.997	0.2	352.0	12.22	TAS			a_e		
TNS	69.80	P	10:41:23.118	-0.0	352.4	6.24	TAS	504.9	1.54	a_e	MBB	7.2
TNS	69.80	pP	10:41:56.771	0.1	352.7	6.29	TAS			a_e		
TNS	69.80	pPxPxbc	11:10:00.582	-0.1	174.5	3.05	TAS			m_e		
UBBA	69.37	S	10:50:16.597	-0.2	352.0	12.22	TAS			a_e		
UBBA	69.37	P	10:41:20.368	-0.1	352.4	6.24	TAS	333.8	1.41	a_e	MBB	7.3
UBBA	69.37	pP	10:41:54.021	0.3	352.7	6.29	TAS			a_e		
UBBA	69.37	pPxPxbc	11:10:02.958	0.8	174.5	3.05	TAS			a_e		
UBR	72.49	S	10:50:54.547		352.0	12.22	TAS			a_e		
UBR	72.49	P	10:41:39.718	-0.2	352.4	6.24	TAS	627.6	1.79	a_e	MBB	7.2

UBR	72.49	pP	10:42:13.321	1.0	352.7	6.29	TAS	a_e									
UBR	72.49	pPxPxbc	11:09:53.179	0.6	174.5	3.05	TAS	m_e									
WERD	69.94	S	10:50:23.197	0.6	352.0	12.22	TAS	a_e									
WERD	69.94	P	10:41:24.218	0.3	352.4	6.24	TAS	a_e	341.6	1.62	MBB	7.0					
WERD	69.94	pP	10:41:57.821		352.7	6.29	TAS	a_e									
WERD	69.94	pPxPxbc	11:10:00.908	0.3	174.5	3.05	TAS	m_e									
WERN	70.11	S	10:50:25.597	0.1	352.0	12.22	TAS	a_e									
WERN	70.11	P	10:41:25.418	0.4	352.4	6.24	TAS	a_e	442.9	1.50	MBB	7.0					
WERN	70.11	pP	10:41:59.021		352.7	6.29	TAS	a_e									
WERN	70.11	PxPxbc	11:09:27.130		176.1	3.31	TAS	m_e									
WERN	70.11	pPxPxbc	11:10:00.608	0.5	174.5	3.05	TAS	a_e									
WET	71.28	S	10:50:40.997	-0.2	352.0	12.22	TAS	a_e									
WET	71.28	P	10:41:32.818	0.5	352.4	6.24	TAS	a_e	492.9	1.65	MBB	7.2					
WET	71.28	pP	10:42:06.421		352.7	6.29	TAS	m_e									
WET	71.28	PxPxbc	11:09:22.723		176.1	3.31	TAS	m_e									
WET	71.28	pPxPxbc	11:09:55.858	-0.7	174.5	3.05	TAS	a_e									
WLF	70.10	P	10:41:25.068	0.2	352.4	6.24	TAS	a_e	515.1	1.35	MBB	7.2					
WLF	70.10	pP	10:41:59.682		352.7	6.29	TAS	m_e									
WLF	70.10	pPxPxbc	11:10:00.058	0.3	174.5	3.05	TAS	a_e									
WTTA	73.04	P	10:41:43.344	0.0	352.4	6.24	TAS	m_e									

Event 60124005 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/24	14:51:47.00			-30.5400	-179.2800				300.0			33		155.61	161.42	m i ke	EMSC
	60124037																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	157.22		PKPab	15:11:38.438	-0.2	22.9		4.42		TAS				m_e	
BFO	161.30		PKPab	15:11:56.552	0.5	22.9		4.42		TAS				m_e	
BRG	157.42		PKPab	15:11:39.887	-0.2	22.9		4.42		TAS				m_e	
BSEG	155.61		PKPab	15:11:31.785	0.2	22.9		4.42		TAS				m_e	
BUG	158.56		PKPab	15:11:44.498	-0.3	22.9		4.42		TAS				m_e	
CLL	157.33		PKPab	15:11:39.228	-0.2	22.9		4.42		TAS				m_e	
CLZ	157.55		PKPab	15:11:40.414	0.3	22.9		4.42		TAS				m_e	
FBE	157.56		PKPab	15:11:40.743	0.2	22.9		4.42		TAS				m_e	
FLT1	156.89		PKPab	15:11:36.857	-0.3	22.9		4.42		TAS				m_e	
FUR	160.63		PKPab	15:11:54.312	-0.1	22.9		4.42		TAS				m_e	
GEC2	159.22		PKPab	15:11:47.564	-0.9	22.9		4.42		TAS				m_e	
GRA1	159.29		PKPab	15:11:48.450	0.5	22.9		4.42		TAS				m_e	
GTTG	157.92		PKPab	15:11:41.929	0.2	22.9		4.42		TAS				m_e	
GUNZ	158.37		PKPab	15:11:44.234	0.2	22.9		4.42		TAS				m_e	
IBBN	157.64		PKPab	15:11:40.612	-0.1	22.9		4.42		TAS				m_e	
MANZ	158.77		PKPab	15:11:45.881	0.1	22.9		4.42		TAS				m_e	

MOX	158.32	PKPab	15:11:43.707	0.1	22.9	4.42	TAS	m_e
NEUB	157.79	PKPab	15:11:41.336	0.1	22.9	4.42	TAS	m_e
NRDL	157.00	PKPab	15:11:37.608	-0.1	22.9	4.42	TAS	m_e
PLN	158.31	PKPab	15:11:43.707	0.0	22.9	4.42	TAS	m_e
RETH	156.93	PKPab	15:11:37.186	-0.2	22.9	4.42	TAS	m_e
RJOB	160.48	PKPab	15:11:53.654	0.2	22.9	4.42	TAS	m_e
ROTZ	158.93	PKPab	15:11:46.935	0.4	22.9	4.42	TAS	m_e
RUE	156.07	PKPab	15:11:33.893	0.1	22.9	4.42	TAS	m_e
STU	160.68	PKPab	15:11:53.917	-0.1	22.9	4.42	TAS	m_e
TANN	158.28	PKPab	15:11:43.707	0.1	22.9	4.42	TAS	m_e
TNS	159.50	PKPab	15:11:48.582	-0.1	22.9	4.42	TAS	m_e
UBBA	158.59	PKPab	15:11:44.893	0.2	22.9	4.42	TAS	m_e
UBR	161.42	PKPab	15:11:57.935		22.9	4.42	TAS	m_e
WERD	158.30	PKPab	15:11:43.773	0.1	22.9	4.42	TAS	m_e
WERN	158.42	PKPab	15:11:44.498	0.2	22.9	4.42	TAS	m_e
WET	159.25	PKPab	15:11:48.252	-0.1	22.9	4.42	TAS	m_e
WLF	160.46	PKPab	15:11:53.229	-0.4	22.9	4.42	TAS	m_e

Event 60124006 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/24	15:12:56.20		35.6200	140.6200					46.0			16		81.92	86.22	m i ke	EMSC
60124038																	

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 60124012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	86.22		P	15:25:32.987		39.3		5.18		TAS		8.8	0.93	m_e mb	4.9
BRG	81.94		P	15:25:11.143	0.3	39.3		5.18		TAS		4.8	1.03	m_e mb	4.6
CLL	82.00		P	15:25:11.450	0.3	39.3		5.18		TAS		9.8	0.89	m_e mb	4.9
CLZ	82.64		P	15:25:14.812	-0.1	39.3		5.18		TAS		7.7	0.95	m_e mb	4.9
FLT1	81.92		P	15:25:10.268	0.4	39.3		5.18		TAS		8.1	0.87	m_e mb	4.9
FUR	85.13		P	15:25:28.261		39.3		5.18		TAS		10.6	0.63	m_e mb	5.2
GRA1	83.97		P	15:25:22.082		39.3		5.18		TAS		10.4	0.97	m_e mb	5.0
IBBN	83.26		P	15:25:17.397		39.3		5.18		TAS		7.7	0.61	m_e mb	5.1
MOX	83.07		P	15:25:16.841		39.3		5.18		TAS		3.7	0.88	m_e mb	4.6
NEUB	82.59		P	15:25:14.592		39.3		5.18		TAS		7.4	0.74	m_e mb	5.0
PLN	82.97		P	15:25:16.955	-0.3	39.3		5.18		TAS		4.4	1.16	m_e mb	4.6
RETH	82.32		P	15:25:13.090	0.1	39.3		5.18		TAS		12.5	1.15	m_e mb	4.9
RJOB	84.81		P	15:25:26.353		39.3		5.18		TAS		3.1	0.80	m_e mb	4.6
ROTZ	83.50		P	15:25:19.447		39.3		5.18		TAS		0.7	0.98	m_e mb	3.8
STU	85.52		P	15:25:29.534		39.3		5.18		TAS		34.3	0.90	m_e mb	5.5
WET	83.70		P	15:25:20.719		39.3		5.18		TAS		3.9	1.15	m_e mb	4.5

Event 60125002 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/25	00:00:08.55			-19.7720	-172.2310				37.6	1.3		34		145.84	152.10	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
Ms	5.5		BGR	60125008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.29		PKPdf	00:19:48.207	-0.1	6.2		1.63		TAS					m_e
AHRW	149.29		PKPbc	00:19:52.889	0.3	6.5		2.57		TAS					m_e
ASSE	147.63		PKPdf	00:19:45.253	-0.2	6.2		1.63		TAS					m_e
ASSE	147.63		PKPbc	00:19:48.321	0.2	6.5		2.57		TAS					m_e
BFO	151.51		PKPdf	00:19:51.499		6.2		1.63		TAS					m_e
BFO	151.51		PKPbc	00:19:57.873	-0.8	6.5		2.57		TAS					m_e
BFO	151.51		PKPab	00:20:07.461		7.3		4.33		TAS					m_e
BRG	148.58		PKPdf	00:19:46.661	0.0	6.2		1.63		TAS					m_e
BRG	148.58		PKPbc	00:19:50.738	-0.1	6.5		2.57		TAS					m_e
BSEG	145.84		PKPbc	00:19:42.700	-0.5	6.5		2.57		TAS					m_e
BUG	148.40		PKPdf	00:19:46.302	0.2	6.2		1.63		TAS					m_e
BUG	148.40		PKPbc	00:19:50.316	0.4	6.5		2.57		TAS					m_e
CLL	148.26		PKPdf	00:19:45.980	0.5	6.2		1.63		TAS					m_e
CLL	148.26		PKPbc	00:19:49.720	0.1	6.5		2.57		TAS					m_e
CLL	148.26		pPKPbc	00:20:01.411		354.0		2.68		TAS					m_e
CLZ	147.93		PKPdf	00:19:45.787	-0.3	6.2		1.63		TAS					m_e
CLZ	147.93		PKPbc	00:19:49.210	-0.1	6.5		2.57		TAS					m_e
FBE	148.60		PKPdf	00:19:47.341	0.2	6.2		1.63		TAS					m_e
FBE	148.60		PKPbc	00:19:51.124	0.1	6.5		2.57		TAS					m_e
FLT1	147.39		PKPdf	00:19:44.509	-0.3	6.2		1.63		TAS					m_e
FLT1	147.39		PKPbc	00:19:47.232	-0.0	6.5		2.57		TAS					m_e
FUR	151.54		PKPdf	00:19:51.545		6.2		1.63		TAS					m_e
FUR	151.54		PKPbc	00:19:57.802	-0.4	6.5		2.57		TAS					m_e
GEC2	150.60		PKPdf	00:19:50.033		6.2		1.63		TAS					m_e
GEC2	150.60		PKPbc	00:19:55.666	0.0	6.5		2.57		TAS					m_e
GRA1	150.02		PKPdf	00:19:49.293	-0.1	6.2		1.63		TAS					m_e
GRA1	150.02		PKPbc	00:19:54.740	0.5	6.5		2.57		TAS					m_e
GRA1	150.02		PKPab	00:20:00.988		7.3		4.33		TAS					m_e
GRA1	150.02		L	01:27:37.979						T_		804.6	21.70	a_e Ms	5.5
GTTG	148.24		PKPbc	00:19:49.911	0.2	6.5		2.57		TAS					m_e
GUNZ	149.26		PKPdf	00:19:48.130	0.1	6.2		1.63		TAS					m_e
GUNZ	149.26		PKPbc	00:19:52.746	0.3	6.5		2.57		TAS					m_e
GUNZ	149.26		PKPab	00:19:57.481		7.3		4.33		TAS					m_e
IBBN	147.53		PKPdf	00:19:44.999	-0.1	6.2		1.63		TAS					m_e
IBBN	147.53		PKPbc	00:19:48.080	0.1	6.5		2.57		TAS					m_e
MANZ	149.66		PKPdf	00:19:48.691	-0.1	6.2		1.63		TAS					m_e
MANZ	149.66		PKPbc	00:19:53.743	0.2	6.5		2.57		TAS					m_e

MOX	149.04	PKPdf	00:19:47.482	0.4	6.2	1.63	TAS										m_e
MOX	149.04	PKPbc	00:19:51.892	0.1	6.5	2.57	TAS										m_e
MOX	149.04	PKPab	00:19:56.096		7.3	4.33	TAS										m_e
MOX	149.04	pPKPbc	00:20:02.972		354.0	2.68	TAS										m_e
MOX	149.04	L	01:29:00.289				T__		767.7	20.80	a_e	Ms				5.5	
NEUB	148.49	PKPdf	00:19:46.556	-0.1	6.2	1.63	TAS										m_e
NEUB	148.49	PKPbc	00:19:50.549	0.0	6.5	2.57	TAS										m_e
NRDL	147.29	PKPbc	00:19:47.225	-0.3	6.5	2.57	TAS										m_e
PLN	149.16	PKPdf	00:19:47.784	0.1	6.2	1.63	TAS										m_e
PLN	149.16	PKPbc	00:19:52.248	0.3	6.5	2.57	TAS										m_e
RETH	147.07	PKPdf	00:19:44.431	0.0	6.2	1.63	TAS										m_e
RETH	147.07	PKPbc	00:19:46.550	-0.1	6.5	2.57	TAS										m_e
RJOB	151.81	PKPdf	00:19:51.956		6.2	1.63	TAS										m_e
RJOB	151.81	PKPbc	00:19:58.229	-0.7	6.5	2.57	TAS										m_e
RJOB	151.81	PKPab	00:20:08.508		7.3	4.33	TAS										m_e
ROTZ	149.86	PKPbc	00:19:54.196	0.4	6.5	2.57	TAS										m_e
RUE	147.03	PKPbc	00:19:46.171	-0.3	6.5	2.57	TAS										m_e
STU	151.05	PKPdf	00:19:50.897		6.2	1.63	TAS										m_e
STU	151.05	PKPbc	00:19:57.019	-0.4	6.5	2.57	TAS										m_e
STU	151.05	PKPab	00:20:04.840		7.3	4.33	TAS										m_e
TANN	149.20	PKPdf	00:19:48.037	0.2	6.2	1.63	TAS										m_e
TANN	149.20	PKPbc	00:19:52.604	0.4	6.5	2.57	TAS										m_e
TANN	149.20	PKPab	00:19:57.077		7.3	4.33	TAS										m_e
TNS	149.61	PKPdf	00:19:48.707	0.1	6.2	1.63	TAS										m_e
TNS	149.61	PKPbc	00:19:53.601	0.3	6.5	2.57	TAS										m_e
TNS	149.61	PKPab	00:19:59.374		7.3	4.33	TAS										m_e
UBBA	148.97	PKPdf	00:19:47.334	0.2	6.2	1.63	TAS										m_e
UBBA	148.97	PKPbc	00:19:51.728	0.1	6.5	2.57	TAS										m_e
UBBA	148.97	PKPab	00:19:56.017		7.3	4.33	TAS										m_e
UBR	152.10	PKPdf	00:19:52.186		6.2	1.63	TAS										m_e
UBR	152.10	PKPbc	00:19:59.012		6.5	2.57	TAS										m_e
WERD	149.18	PKPdf	00:19:47.983	0.1	6.2	1.63	TAS										m_e
WERD	149.18	PKPbc	00:19:52.462	0.4	6.5	2.57	TAS										m_e
WERD	149.18	PKPab	00:19:56.983		7.3	4.33	TAS										m_e
WERN	149.33	PKPdf	00:19:48.442	0.4	6.2	1.63	TAS										m_e
WERN	149.33	PKPbc	00:19:52.889	0.2	6.5	2.57	TAS										m_e
WERN	149.33	PKPab	00:19:58.008		7.3	4.33	TAS										m_e
WERN	149.33	pPKPbc	00:20:04.049		354.0	2.68	TAS										m_e
WET	150.41	PKPdf	00:19:49.745	-0.3	6.2	1.63	TAS										m_e
WET	150.41	PKPbc	00:19:55.595	-0.3	6.5	2.57	TAS										m_e
WLF	150.15	PKPdf	00:19:50.001	-0.1	6.2	1.63	TAS										m_e
WLF	150.15	PKPbc	00:19:55.523	0.2	6.5	2.57	TAS										m_e
WLF	150.15	PKPab	00:20:02.341		7.3	4.33	TAS										m_e

OrigID
 2016/01/25 04:22:00.34 2.45 0.48 35.0730 -3.3240 32.2 24.5 22 10.0 34 342 15.82 21.24 m i ke BGR
 60125007

Magnitude Err Nsta Author OrigID
 mb 5.9 BGR 60125007
 Ms 5.9 BGR 60125007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	17.21		P	04:25:58.254	-0.2	219.4		11.89		TAS		3834.1	2.21	m_e	mb 6.1
ASSE	19.77		P	04:26:30.468	0.7	219.4		11.89		TAS		1864.0	2.16	m_e	mb 5.9
BFO	15.82		P	04:25:41.335	-1.9	219.4		11.89		TAS		1029.2	1.92	m_e	mb 5.6
BRG	20.14		P	04:26:33.717	-0.4	219.4		11.89		TAS		866.3	1.33	m_e	mb 5.8
BSEG	21.15		P	04:26:43.915	-1.9	219.4		11.89		TAS		2996.5	1.45	m_e	mb 6.4
BUG	18.06		P	04:26:08.316	0.3	219.4		11.89		TAS		4470.7	1.67	m_e	mb 6.3
CLL	20.05		P	04:26:32.649	-0.7	219.4		11.89		TAS		836.0	1.17	m_e	mb 5.9
CLZ	19.43		P	04:26:25.702	-0.1	219.4		11.89		TAS		559.2	1.38	m_e	mb 5.6
FBE	19.92		P	04:26:31.615	0.0	219.4		11.89		TAS		1065.8	1.21	m_e	mb 5.9
FLT1	20.14		P	04:26:33.788	-0.5	219.4		11.89		TAS		594.0	1.37	m_e	mb 5.6
FUR	17.00		P	04:25:56.067	-0.1	219.4		11.89		TAS		2584.7	1.57	m_e	mb 6.1
GEC2	18.64		P	04:26:15.354	0.6	219.4		11.89		TAS		931.2	1.60	m_e	mb 5.8
GRA1	18.09		P	04:26:10.146	0.2	219.4		11.89		TAS		2506.6	1.48	m_e	mb 6.1
GRA1	18.09		L	04:32:04.258						T__		38933.6	21.50	a_e	Ms 5.6
GTTG	19.04		P	04:26:21.141	0.0	219.4		11.89		TAS		854.9	1.33	m_e	mb 5.8
GUNZ	19.06		P	04:26:21.829	0.3	219.4		11.89		TAS		653.7	1.37	m_e	mb 5.7
IBBN	18.96		P	04:26:20.319	1.9	219.4		11.89		TAS		1801.6	1.44	m_e	mb 6.1
MANZ	18.69		P	04:26:16.997	0.0	219.4		11.89		TAS		197.1	1.48	m_e	mb 5.1
MOX	18.97		P	04:26:20.665	0.1	219.4		11.89		TAS		2028.8	2.23	m_e	mb 6.0
MOX	18.97		L	04:33:32.204						T__		91617.1	20.10	a_e	Ms 6.1
NEUB	19.46		P	04:26:26.489	0.1	219.4		11.89		TAS		588.9	1.13	m_e	mb 5.7
NRDL	19.87		P	04:26:31.469	0.8	219.4		11.89		TAS		1459.8	1.95	m_e	mb 5.9
PLN	19.08		P	04:26:21.504	-0.3	219.4		11.89		TAS		654.4	1.48	m_e	mb 5.6
RETH	19.83		P	04:26:30.456	0.9	219.4		11.89		TAS		2910.0	1.79	m_e	mb 6.2
RJOB	17.46		P	04:26:01.701	1.6	219.4		11.89		TAS		571.5	1.26	m_e	mb 5.6
ROTZ	18.57		P	04:26:15.685	0.2	219.4		11.89		TAS		195.3	1.61	m_e	mb 5.1
RUE	21.24		P	04:26:45.685		219.4		11.89		TAS		5717.4	1.75	m_e	mb 6.6
STU	16.52		P	04:25:50.536	-1.0	219.4		11.89		TAS		2329.9	1.65	m_e	mb 6.1
TANN	19.16		P	04:26:23.025	0.4	219.4		11.89		TAS		917.5	1.38	m_e	mb 5.8
TNS	17.41		P	04:26:01.819	0.1	219.4		11.89		TAS		2599.9	1.87	m_e	mb 6.0
UBBA	18.47		P	04:26:14.172	-0.3	219.4		11.89		TAS		933.1	1.98	m_e	mb 5.6
UBR	16.10		P	04:25:45.520	-0.3	219.4		11.89		TAS		980.0	1.29	m_e	mb 5.8
WERD	19.12		P	04:26:22.327	0.2	219.4		11.89		TAS		895.5	1.80	m_e	mb 5.7
WERN	19.03		P	04:26:21.446	0.4	219.4		11.89		TAS		962.8	1.61	m_e	mb 5.8
WET	18.44		P	04:26:13.271	0.1	219.4		11.89		TAS				m_e	
WLF	16.15		P	04:25:45.616	-0.3	219.4		11.89		TAS		4095.5	1.87	m_e	mb 6.2

Event 60125003 Strait of Gibraltar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/25	04:34:20.00	2.14	0.84	35.6500	-3.8500	56.7	43.4	141	10.0			22	345	14.84	20.96	m i ke	EMSC
OrigID 60125035																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	60125009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	15.55		P	04:38:04.517	-1.7	219.4		10.65		TAS		22.2	1.16	m_e	mb 4.2
BRG	19.91		P	04:38:51.466		219.4		10.65		TAS		26.2	1.06	m_e	mb 4.4
BSEG	20.79		P	04:39:01.740		219.4		10.65		TAS		62.5	1.06	m_e	mb 4.9
BUG	17.69		P	04:38:30.372	-1.3	219.4		10.65		TAS		99.7	1.19	m_e	mb 4.8
CLL	19.79		P	04:38:50.330		219.4		10.65		TAS		45.3	0.98	m_e	mb 4.7
FBE	19.67		P	04:38:49.632		219.4		10.65		TAS		34.1	0.86	m_e	mb 4.6
FUR	16.79		P	04:38:16.897	2.0	219.4		10.65		TAS		25.9	0.91	m_e	mb 4.4
GEC2	18.45		P	04:38:36.169	0.4	219.4		10.65		TAS		33.1	1.23	m_e	mb 4.3
GRA1	17.83		P	04:38:28.282	1.7	219.4		10.65		TAS		48.7	1.09	m_e	mb 4.5
GTTG	18.72		P	04:38:39.395	0.1	219.4		10.65		TAS		26.3	0.96	m_e	mb 4.4
IBBN	18.59		P	04:38:38.255	-0.8	219.4		10.65		TAS		79.9	1.20	m_e	mb 4.8
MANZ	18.44		P	04:38:35.174	-0.2	219.4		10.65		TAS		4.4	1.01	m_e	mb 3.5
MOX	18.70		P	04:38:38.440	1.4	219.4		10.65		TAS		14.0	1.08	m_e	mb 4.1
NRDL	19.54		P	04:38:50.114		219.4		10.65		TAS		17.4	1.00	m_e	mb 4.2
PLONS	15.09		P	04:37:58.544	-0.5	219.4		10.65		TAS		32.6	1.03	m_e	
RJOB	17.29		P	04:38:24.022	-0.4	219.4		10.65		TAS		9.3	0.77	m_e	mb 4.0
ROTZ	18.34		P	04:38:34.771	-0.8	219.4		10.65		TAS		4.0	0.95	m_e	mb 3.5
RUE	20.96		P	04:39:03.553		219.4		10.65		TAS		144.0	1.03	m_e	mb 5.2
SLE	15.19		P	04:37:59.664	-0.7	219.4		10.65		TAS		36.8	1.17	m_e	
SULZ	14.84		P	04:37:56.472	-0.3	219.4		10.65		TAS		35.2	0.96	m_e	
TANN	18.91		P	04:38:40.731		219.4		10.65		TAS		22.6	0.94	m_e	mb 4.4
TNS	17.09		P	04:38:23.019	1.5	219.4		10.65		TAS		56.4	1.30	m_e	mb 4.5
WERD	18.86		P	04:38:41.497	-0.3	219.4		10.65		TAS		10.1	0.91	m_e	mb 4.0
WERN	18.78		P	04:38:39.940	-0.8	219.4		10.65		TAS		7.0	0.82	m_e	mb 3.9
WET	18.23		P	04:38:34.582	-1.3	219.4		10.65		TAS		13.4	0.90	m_e	mb 4.1
WILA	15.12		P	04:37:59.328	-1.3	219.4		10.65		TAS		23.2	0.98	m_e	

Event 60125005 Strait of Gibraltar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/25	05:54:11.55	2.25	0.85	35.8200	-2.9600	52.3	43.4	149	10.0			29	345	15.03	20.45	m i ke	BGR
OrigID 60125011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	60125011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	16.41		P	05:58:03.559	-1.5	219.3		11.13		TAS		156.6	2.44	m_e	mb 4.7
ASSE	18.97		P	05:58:34.559	-0.3	219.3		11.13		TAS		50.4	1.44	m_e	mb 4.5
BFO	15.03		X	05:57:50.389	-0.3					T__				m_e	
BRG	19.36		P	05:58:38.109		219.3		11.13		TAS		125.1	1.69	m_e	mb 4.9
BSEG	20.35		P	05:58:48.521		219.3		11.13		TAS		250.1	1.35	m_e	mb 5.3
CLL	19.26		P	05:58:37.281	-1.1	219.3		11.13		TAS		69.4	1.12	m_e	mb 4.8
CLZ	18.63		P	05:58:30.326	0.7	219.3		11.13		TAS		120.4	2.44	m_e	mb 4.7
FBE	19.13		P	05:58:35.861	-0.0	219.3		11.13		TAS		65.1	1.03	m_e	mb 4.8
FLT1	19.34		P	05:58:37.872		219.3		11.13		TAS		73.6	1.79	m_e	mb 4.6
FUR	16.22		P	05:58:03.204	-1.4	219.3		11.13		TAS		243.7	1.81	m_e	mb 5.0
GEC2	17.87		P	05:58:21.899	0.5	219.3		11.13		TAS		50.7	1.31	m_e	mb 4.5
GRA1	17.30		P	05:58:15.983	-0.5	219.3		11.13		TAS		221.0	2.17	m_e	mb 4.9
GTTG	18.24		P	05:58:26.632	-0.5	219.3		11.13		TAS		23.3	1.17	m_e	mb 4.2
GUNZ	18.28		P	05:58:26.277	-0.2	219.3		11.13		TAS		29.1	1.17	m_e	mb 4.3
IBBN	18.16		P	05:58:25.212	-0.2	219.3		11.13		TAS		78.0	1.61	m_e	mb 4.6
MANZ	17.90		P	05:58:21.708	-0.5	219.3		11.13		TAS		6.7	1.26	m_e	mb 3.6
MOX	18.18		P	05:58:25.330	-0.3	219.3		11.13		TAS		66.1	1.83	m_e	mb 4.5
NEUB	18.66		P	05:58:31.010	-0.1	219.3		11.13		TAS		71.4	1.21	m_e	mb 4.8
NRDL	19.07		P	05:58:35.742	-0.1	219.3		11.13		TAS		108.8	2.17	m_e	mb 4.7
PLN	18.29		P	05:58:26.395	-0.0	219.3		11.13		TAS		55.9	1.42	m_e	mb 4.5
RETH	19.03		P	05:58:35.742	-0.6	219.3		11.13		TAS		214.8	2.10	m_e	mb 5.0
ROTZ	17.79		P	05:58:21.189	-0.3	219.3		11.13		TAS		20.5	1.77	m_e	mb 4.0
RUE	20.45		P	05:58:49.823		219.3		11.13		TAS		490.3	1.92	m_e	mb 5.4
STU	15.73		P	05:57:58.270	0.5	219.3		11.13		TAS		109.3	1.59	m_e	mb 4.7
TANN	18.37		P	05:58:27.342	1.7	219.3		11.13		TAS		74.7	1.67	m_e	mb 4.6
TNS	16.61		P	05:58:06.399	0.3	219.3		11.13		TAS		44.4	1.52	m_e	mb 4.4
UBR	15.32		P	05:57:53.620	0.6	219.3		11.13		TAS		130.2	1.63	m_e	
WERD	18.33		P	05:58:26.632	0.3	219.3		11.13		TAS		64.3	1.68	m_e	
WERN	18.24		P	05:58:25.567	-0.2	219.3		11.13		TAS		93.0	1.96	m_e	

Event 60125006 Strait of Gibraltar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/25	06:10:44.45			35.3500	-3.0800				10.0			28		15.48	20.90	m i ke	BGR
60125012																	

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 60125012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	16.88		P	06:14:43.150	-0.6	219.3		11.14		TAS		103.2	1.87	m_e	mb 4.6
ASSE	19.44		P	06:15:12.057	-0.8	219.3		11.14		TAS		88.8	1.48	m_e	mb 4.8
BFO	15.48		P	06:14:29.531	-0.8	219.3		11.14		TAS				m_e	
BRG	19.80		P	06:15:15.217		219.3		11.14		TAS		108.3	1.15	m_e	mb 5.0
BSEG	20.82		P	06:15:25.638		219.3		11.14		TAS		311.3	1.15	m_e	mb 5.5

BUG	17.72	P	06:14:53.508	-0.6	219.3	11.14	TAS	71.5	1.16	m_e	mb	4.7
CLL	19.71	P	06:15:14.159	-0.6	219.3	11.14	TAS	173.8	1.26	m_e	mb	5.1
CLZ	19.10	P	06:15:09.045	-0.6	219.3	11.14	TAS	56.4	1.22	m_e	mb	4.7
FBE	19.58	P	06:15:12.978	-0.2	219.3	11.14	TAS	137.9	0.99	m_e	mb	5.1
FLT1	19.81	P	06:15:15.408		219.3	11.14	TAS	90.7	1.51	m_e	mb	4.8
FUR	16.65	P	06:14:40.300	0.3	219.3	11.14	TAS	155.1	1.33	m_e	mb	5.0
GEC2	18.30	P	06:14:58.371	1.5	219.3	11.14	TAS	76.5	1.34	m_e	mb	4.7
GRA1	17.75	P	06:14:53.182	0.9	219.3	11.14	TAS	51.6	1.11	m_e	mb	4.6
GTTG	18.71	P	06:15:03.866	-0.6	219.3	11.14	TAS	48.7	1.22	m_e	mb	4.6
GUNZ	18.72	P	06:15:03.405	-0.1	219.3	11.14	TAS	27.4	0.94	m_e	mb	4.5
IBBN	18.63	P	06:15:02.478	0.4	219.3	11.14	TAS	44.1	0.97	m_e	mb	4.7
MANZ	18.35	P	06:14:59.655	-0.3	219.3	11.14	TAS	7.5	1.02	m_e	mb	3.8
MOX	18.63	P	06:15:02.659	-0.4	219.3	11.14	TAS	32.9	1.39	m_e	mb	4.4
NEUB	19.12	P	06:15:08.824	-0.3	219.3	11.14	TAS	138.1	1.41	m_e	mb	5.0
NRDL	19.54	P	06:15:12.594	-0.4	219.3	11.14	TAS	44.2	1.43	m_e	mb	4.5
PLN	18.74	P	06:15:03.642	0.4	219.3	11.14	TAS	50.1	1.23	m_e	mb	4.6
RETH	19.50	P	06:15:11.801	-0.4	219.3	11.14	TAS	104.8	1.60	m_e	mb	4.8
RJOB	17.12	P	06:14:45.042	0.2	219.3	11.14	TAS	22.8	1.26	m_e	mb	4.2
ROTZ	18.23	P	06:14:58.033	0.1	219.3	11.14	TAS	9.4	1.10	m_e	mb	3.8
RUE	20.90	P	06:15:27.637		219.3	11.14	TAS	404.9	1.28	m_e	mb	5.6
STU	16.18	P	06:14:35.221	-0.5	219.3	11.14	TAS	115.9	1.23	m_e	mb	4.9
TANN	18.82	P	06:15:04.768	0.4	219.3	11.14	TAS	55.8	1.05	m_e	mb	4.7
TNS	17.07	P	06:14:46.152	1.3	219.3	11.14	TAS	43.1	1.40	m_e	mb	4.4
UBR	15.76	P	06:14:29.784	-0.6	219.3	11.14	TAS	118.0	1.42	m_e	mb	4.8
WERD	18.78	P	06:15:04.241	0.4	219.3	11.14	TAS	31.2	1.07	m_e	mb	4.5
WERN	18.69	P	06:15:03.802	-0.4	219.3	11.14	TAS	27.3	0.97	m_e	mb	4.5
WLF	15.82	P	06:14:29.500	-1.0	219.3	11.14	TAS	229.1	1.81	m_e	mb	5.0

Event 60125007 North of Halmahera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/25	09:17:49.80		3.2500	128.3800				50.0						104.05	104.66	m i ke	EMSC
OrigID 60125039																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.0		BGR	60125013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	104.66		PP	09:36:14.565		66.7		7.04		TAS				m_e	
GRA1	104.66		L	10:23:01.180						T__		603.4	20.30	a_e	Ms 5.1
MOX	104.05		L	10:25:52.611						T__		376.9	20.00	a_e	Ms 4.9

Event 60125009 Strait of Gibraltar

./2016/bull1601.txt

Thu Apr 23 08:38:25 2020

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/25	14:52:42.50			35.6700	-3.7300				10.0			12		15.74	20.90	m i ke	EMSC
OrigID 60125041																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	60125015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	20.74		P	14:57:24.183	-0.0	223.5		10.86		TAS		34.3	1.17	m_e	mb 4.6
CLL	19.72		P	14:57:12.520		223.5		10.86		TAS		22.5	0.84	m_e	mb 4.4
FBE	19.60		P	14:57:10.804		223.5		10.86		TAS		16.3	0.89	m_e	mb 4.3
FUR	16.71		P	14:56:38.319		223.5		10.86		TAS		24.5	0.90	m_e	mb 4.3
GRA1	17.76		P	14:56:50.938		223.5		10.86		TAS		12.7	0.57	m_e	mb 4.2
MANZ	18.37		P	14:56:57.255		223.5		10.86		TAS		2.5	0.88	m_e	mb 3.4
MOX	18.63		P	14:57:00.718		223.5		10.86		TAS		12.7	1.30	m_e	mb 4.0
NEUB	19.11		P	14:57:06.752		223.5		10.86		TAS		18.9	0.90	m_e	mb 4.3
ROTZ	18.26		P	14:56:56.713		223.5		10.86		TAS		3.8	1.11	m_e	mb 3.4
RUE	20.90		P	14:57:25.299	-0.2	223.5		10.86		TAS		79.8	0.99	m_e	mb 5.0
UBR	15.81		P	14:56:28.546		223.5		10.86		TAS		18.2	1.04	m_e	mb 4.1
WLF	15.74		P	14:56:27.237		223.5		10.86		TAS		25.2	0.95	m_e	mb 4.3

Event 60125010 Cuba region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/25	18:05:53.80			19.8600	-76.0000				2.0			20		71.50	75.12	m i ke	EMSC
OrigID 60125042																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	60125016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	72.57		P	18:17:23.294	-0.2	281.1		5.43		TAS		19.9	1.32	m_e	mb 5.1
BRG	74.82		P	18:17:35.830		281.1		5.43		TAS		6.5	0.99	m_e	mb 4.6
CLL	74.15		P	18:17:31.362		281.1		5.43		TAS		7.3	1.05	m_e	mb 4.6
CLZ	72.43		P	18:17:22.062	-0.0	281.1		5.43		TAS		13.2	1.12	m_e	mb 5.0
FBE	74.45		P	18:17:33.915		281.1		5.43		TAS		8.8	1.04	m_e	mb 4.7
FLT1	72.87		P	18:17:23.976	-0.6	281.1		5.43		TAS		11.1	1.02	m_e	mb 4.9
GEC2	75.12		P	18:17:37.745		281.1		5.43		TAS		9.1	1.31	m_e	mb 4.6
GRA1	73.36		P	18:17:27.897	-0.3	281.1		5.43		TAS		22.6	1.30	m_e	mb 5.1
GUNZ	73.92		P	18:17:30.968		281.1		5.43		TAS		17.6	1.49	m_e	mb 4.9
MOX	73.42		P	18:17:28.160	0.2	281.1		5.43		TAS		21.1	1.71	m_e	mb 5.0
NEUB	73.41		P	18:17:28.444	0.2	281.1		5.43		TAS		16.6	1.10	m_e	mb 5.1
NRDL	72.16		P	18:17:21.697	-0.3	281.1		5.43		TAS		31.7	1.59	m_e	mb 5.2
PLN	73.79		P	18:17:29.812		281.1		5.43		TAS		9.5	0.96	m_e	mb 4.8
RETH	71.68		P	18:17:18.506	0.0	281.1		5.43		TAS		13.9	1.21	m_e	mb 5.0

RJOB	74.78	P	18:17:35.465	281.1	5.43	TAS	4.4	0.85	m_e	mb	4.5
ROTZ	73.97	P	18:17:31.089	281.1	5.43	TAS	3.4	1.37	m_e	mb	4.2
TANN	74.00	P	18:17:30.997	281.1	5.43	TAS	10.7	1.15	m_e	mb	4.8
TNS	71.50	P	18:17:17.685	-0.9 281.1	5.43	TAS	8.9	1.01	m_e	mb	4.8
WERD	73.89	P	18:17:30.815	281.1	5.43	TAS	10.4	1.16	m_e	mb	4.8
WERN	73.97	P	18:17:31.089	281.1	5.43	TAS	10.3	1.31	m_e	mb	4.7

Event 60125011 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/25	18:23:48.29			-22.3800	-179.5100				600.0			31		147.62	153.36	m i ke	BGR
	60125017																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.28		PKPbc	18:42:30.020	0.1	19.0		2.35		TAS				m_e	
BFO	153.36		PKPab	18:42:54.004		19.1		4.26		TAS				m_e	
BRG	149.68		PKPbc	18:42:31.083	-0.0	19.0		2.35		TAS				m_e	
BRG	149.68		PKPab	18:42:38.652	0.1	19.1		4.26		TAS				m_e	
BSEG	147.62		PKPbc	18:42:25.760	-0.2	19.0		2.35		TAS				m_e	
BSEG	147.62		PKPab	18:42:30.413	0.0	19.1		4.26		TAS				m_e	
BUG	150.52		PKPbc	18:42:32.665	-0.1	19.0		2.35		TAS				m_e	
CLL	149.53		PKPbc	18:42:30.586	0.4	19.0		2.35		TAS				m_e	
CLL	149.53		PKPab	18:42:37.848	-0.3	19.1		4.26		TAS				m_e	
CLZ	149.61		PKPbc	18:42:31.119	0.4	19.0		2.35		TAS				m_e	
FBE	149.79		PKPbc	18:42:31.652	0.1	19.0		2.35		TAS				m_e	
FBE	149.79		PKPab	18:42:39.658	-0.1	19.1		4.26		TAS				m_e	
FLT1	148.97		PKPbc	18:42:28.989	0.1	19.0		2.35		TAS				m_e	
FLT1	148.97		PKPab	18:42:35.443	-0.3	19.1		4.26		TAS				m_e	
FUR	152.86		PKPab	18:42:52.501		19.1		4.26		TAS				m_e	
GEC2	151.58		PKPbc	18:42:35.152		19.0		2.35		TAS				m_e	
GRA1	151.46		PKPab	18:42:46.575		19.1		4.26		TAS				m_e	
GRA2	151.46		PKPbc	18:42:34.816		19.0		2.35		TAS				m_e	
GTTG	149.97		PKPbc	18:42:31.671	0.0	19.0		2.35		TAS				m_e	
GUNZ	150.56		PKPbc	18:42:33.207	-0.1	19.0		2.35		TAS				m_e	
GUNZ	150.56		PKPab	18:42:42.662		19.1		4.26		TAS				m_e	
IBBN	149.60		PKPbc	18:42:30.923	0.0	19.0		2.35		TAS				m_e	
MANZ	150.97		PKPbc	18:42:34.108	-0.1	19.0		2.35		TAS				m_e	
MOX	150.47		PKPbc	18:42:32.779	0.1	19.0		2.35		TAS				m_e	
MOX	150.47		PKPab	18:42:41.786	0.3	19.1		4.26		TAS				m_e	
NEUB	149.93		PKPbc	18:42:31.444	-0.3	19.0		2.35		TAS				m_e	
NEUB	149.93		PKPab	18:42:39.891	0.3	19.1		4.26		TAS				m_e	
NRDL	149.04		PKPbc	18:42:29.376	-0.0	19.0		2.35		TAS				m_e	
NRDL	149.04		PKPab	18:42:35.906	0.3	19.1		4.26		TAS				m_e	
PLN	150.49		PKPbc	18:42:32.956	0.2	19.0		2.35		TAS				m_e	

RETH	148.94	PKPbc	18:42:29.115	0.0	19.0	2.35	TAS	m_e
RETH	148.94	PKPab	18:42:35.557	-0.3	19.1	4.26	TAS	m_e
RJOB	152.84	PKPab	18:42:52.965		19.1	4.26	TAS	m_e
ROTZ	151.15	PKPbc	18:42:34.138	-0.5	19.0	2.35	TAS	m_e
ROTZ	151.15	PKPab	18:42:45.019		19.1	4.26	TAS	m_e
RUE	148.26	PKPbc	18:42:27.444	-0.2	19.0	2.35	TAS	m_e
STU	152.77	PKPab	18:42:52.200		19.1	4.26	TAS	m_e
TANN	150.49	PKPbc	18:42:32.798	0.1	19.0	2.35	TAS	m_e
TANN	150.49	PKPab	18:42:42.034	0.1	19.1	4.26	TAS	m_e
TNS	151.52	PKPbc	18:42:35.138		19.0	2.35	TAS	m_e
TNS	151.52	PKPab	18:42:46.228		19.1	4.26	TAS	m_e
UBBA	150.66	PKPbc	18:42:33.108	-0.3	19.0	2.35	TAS	m_e
WERD	150.49	PKPbc	18:42:33.013	0.3	19.0	2.35	TAS	m_e
WERN	150.62	PKPbc	18:42:33.437	0.1	19.0	2.35	TAS	m_e
WERN	150.62	PKPab	18:42:42.959		19.1	4.26	TAS	m_e

Event 60126002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/26	02:31:51.02			-17.3900	-176.3800				33.0			25		145.01	149.32	m i ke	BGR
60126008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.81		PKPbc	02:51:29.768		12.2		3.06		TAS					m_e
BFO	148.90		PKPbc	02:51:35.285		12.2		3.06		TAS					m_e
BRG	145.59		PKPbc	02:51:25.328	0.7	12.2		3.06		TAS					m_e
BUG	145.90		PKPbc	02:51:26.308	0.4	12.2		3.06		TAS					m_e
CLL	145.34		PKPbc	02:51:24.053	0.5	12.2		3.06		TAS					m_e
FBE	145.65		PKPbc	02:51:25.916	0.4	12.2		3.06		TAS					m_e
FUR	148.68		PKPbc	02:51:34.740		12.2		3.06		TAS					m_e
GEC2	147.57		PKPbc	02:51:31.700		12.2		3.06		TAS					m_e
GRA1	147.20		PKPbc	02:51:31.014		12.2		3.06		TAS					m_e
GUNZ	146.37		PKPbc	02:51:28.073		12.2		3.06		TAS					m_e
IBBN	145.01		PKPbc	02:51:23.092		12.2		3.06		TAS					m_e
MANZ	146.77		PKPbc	02:51:29.544		12.2		3.06		TAS					m_e
MOX	146.21		PKPbc	02:51:27.092	-0.3	12.2		3.06		TAS					m_e
NEUB	145.65		PKPbc	02:51:25.328	0.5	12.2		3.06		TAS					m_e
PLN	146.28		PKPbc	02:51:27.387		12.2		3.06		TAS					m_e
RJOB	148.81		PKPbc	02:51:35.132		12.2		3.06		TAS					m_e
ROTZ	146.97		PKPbc	02:51:30.132		12.2		3.06		TAS					m_e
TANN	146.30		PKPbc	02:51:27.779		12.2		3.06		TAS					m_e
TNS	147.02		PKPbc	02:51:30.230		12.2		3.06		TAS					m_e
UBBA	146.26		PKPbc	02:51:27.289	-0.1	12.2		3.06		TAS					m_e
UBR	149.32		PKPbc	02:51:36.112		12.2		3.06		TAS					m_e

WERD	146.29	PKPbc	02:51:27.681	12.2	3.06	TAS	m_e
WERN	146.44	PKPbc	02:51:28.563	12.2	3.06	TAS	m_e
WLF	147.74	PKPbc	02:51:32.583	12.2	3.06	TAS	m_e
WTSB	145.41	PKPbc	02:51:24.641	0.1 12.2	3.06	TAS	m_e

Event 60126004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/26	02:46:49.21			-19.8390	-177.2540				33.0		14		145.47	149.75	m i ke	BGR
OrigID 60126010																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	147.79		PKPbc	03:06:30.433		15.8		2.63		TAS					m_e
BSEG	145.47		PKPbc	03:06:24.245	-0.3	15.8		2.63		TAS					m_e
CLL	147.57		PKPbc	03:06:29.695	0.1	15.8		2.63		TAS					m_e
FBE	147.87		PKPbc	03:06:30.908		15.8		2.63		TAS					m_e
FLT1	146.90		PKPbc	03:06:27.637	-0.1	15.8		2.63		TAS					m_e
GEC2	149.75		PKPbc	03:06:35.181		15.8		2.63		TAS					m_e
GUNZ	148.60		PKPbc	03:06:32.404		15.8		2.63		TAS					m_e
MANZ	149.01		PKPbc	03:06:33.546		15.8		2.63		TAS					m_e
PLN	148.52		PKPbc	03:06:32.174		15.8		2.63		TAS					m_e
ROTZ	149.20		PKPbc	03:06:34.021		15.8		2.63		TAS					m_e
RUE	146.31		PKPbc	03:06:26.318	0.1	15.8		2.63		TAS					m_e
TANN	148.53		PKPbc	03:06:32.280		15.8		2.63		TAS					m_e
TNS	149.35		PKPbc	03:06:34.554		15.8		2.63		TAS					m_e
WERD	148.53		PKPbc	03:06:32.069		15.8		2.63		TAS					m_e

Event 60126005 New Ireland, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/26	03:10:23.60			-5.3000	153.1600				50.0		3		121.19	127.77	m i ke	EMSC
OrigID 60126037																

Magnitude Err Nsta Author OrigID
Ms 6.0 BGR 60126011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	126.72		PKPdf	03:29:22.350	0.2	49.9		1.95		TAS					m_e
ASSE	124.00		PKPdf	03:29:16.750	-0.0	49.9		1.95		TAS					a_e
BFO	127.70		PKPdf	03:29:23.550	-0.3	49.9		1.95		TAS					a_e
BRG	123.28		PKPdf	03:29:15.350	0.1	49.9		1.95		TAS					a_e

BSEG	122.91	PKPdf	03:29:14.700	-0.1	49.9	1.95	TAS	a_e												
BUG	125.99	PKPdf	03:29:20.450	-0.3	49.9	1.95	TAS	a_e												
CLL	123.46	PKPdf	03:29:15.400	-0.2	49.9	1.95	TAS	a_e												
CLL	123.46	PP	03:31:05.747		56.9	7.85	TAS	m_e												
CLZ	124.33	PKPdf	03:29:17.650	0.2	49.9	1.95	TAS	a_e												
FBE	123.54	PKPdf	03:29:16.050	0.3	49.9	1.95	TAS	a_e												
FLT1	123.61	PKPdf	03:29:15.750	-0.3	49.9	1.95	TAS	a_e												
FUR	126.35	PKPdf	03:29:21.200	-0.0	49.9	1.95	TAS	a_e												
GEC2	124.67	PKPdf	03:29:17.950	0.0	49.9	1.95	TAS	a_e												
GRA1	125.38	PKPdf	03:29:19.400	0.1	49.9	1.95	TAS	a_e												
GRA1	125.38	L	04:25:15.358				T__	a_e	Ms	2435.4	21.30									5.9
GTTG	124.72	PKPdf	03:29:18.300	0.1	49.9	1.95	TAS	a_e												
GUNZ	124.39	PKPdf	03:29:17.600	0.2	49.9	1.95	TAS	a_e												
HLG	123.73	PKPdf	03:29:16.300	-0.3	49.9	1.95	TAS	a_e												
IBBN	125.15	PKPdf	03:29:19.000	-0.2	49.9	1.95	TAS	a_e												
MANZ	124.75	PKPdf	03:29:18.250	0.1	49.9	1.95	TAS	a_e												
MOX	124.56	PKPdf	03:29:17.750	-0.0	49.9	1.95	TAS	a_e												
MOX	124.56	PP	03:31:14.354		56.9	7.85	TAS	m_e												
MOX	124.56	L	04:29:02.277				T__	a_e	Ms	4676.4	19.50									6.2
NEUB	124.12	PKPdf	03:29:16.800	-0.1	49.9	1.95	TAS	a_e												
NEUB	124.12	PP	03:31:11.364		56.9	7.85	TAS	m_e												
NRDL	124.00	PKPdf	03:29:16.950	0.1	49.9	1.95	TAS	m_e												
PLN	124.40	PKPdf	03:29:17.450	0.0	49.9	1.95	TAS	a_e												
RETH	124.16	PKPdf	03:29:17.150	-0.0	49.9	1.95	TAS	a_e												
RGN	121.19	PKPdf	03:29:11.350	-0.0	49.9	1.95	TAS	a_e												
RJOB	125.83	PKPdf	03:29:19.700	-0.5	49.9	1.95	TAS	a_e												
ROTZ	124.84	PKPdf	03:29:18.400	0.1	49.9	1.95	TAS	a_e												
RUE	122.34	PKPdf	03:29:13.500	0.0	49.9	1.95	TAS	a_e												
STU	126.98	PKPdf	03:29:22.469	-0.0	49.9	1.95	TAS	m_e												
TANN	124.30	PKPdf	03:29:17.350	0.1	49.9	1.95	TAS	a_e												
TNS	126.33	PKPdf	03:29:21.350	0.1	49.9	1.95	TAS	a_e												
UBBA	125.20	PKPdf	03:29:19.100	0.0	49.9	1.95	TAS	a_e												
UBR	127.26	PKPdf	03:29:22.800	-0.2	49.9	1.95	TAS	a_e												
WERD	124.35	PKPdf	03:29:17.400	0.1	49.9	1.95	TAS	a_e												
WERN	124.42	PKPdf	03:29:17.750	0.3	49.9	1.95	TAS	a_e												
WLF	127.77	PKPdf	03:29:24.700	0.6	49.9	1.95	TAS	a_e												

Event 60126006 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/26	03:46:36.42			-20.6800	-176.7000				511.8	8.5		33		146.37	152.51	m i ke	BGR
60126012																	

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude

AHRW	150.05	PKPdf	04:05:23.483	0.1	20.7	1.49	TAS	m_e
AHRW	150.05	PKPbc	04:05:28.898	0.2	14.6	2.42	TAS	m_e
ASSE	148.09	PKPbc	04:05:23.713	0.3	14.6	2.42	TAS	m_e
BFO	152.12	PKPdf	04:05:26.143		20.7	1.49	TAS	m_e
BFO	152.12	PKPbc	04:05:33.237		14.6	2.42	TAS	m_e
BFO	152.12	PKPab	04:05:44.259		15.3	4.27	TAS	m_e
BRG	148.72	PKPdf	04:05:20.865	-0.3	20.7	1.49	TAS	m_e
BRG	148.72	PKPbc	04:05:25.406	0.2	14.6	2.42	TAS	m_e
BRG	148.72	PKPab	04:05:29.888	0.5	15.3	4.27	TAS	m_e
BSEG	146.37	PKPbc	04:05:19.167	-0.2	14.6	2.42	TAS	m_e
BUG	149.14	PKPdf	04:05:22.178	-0.5	20.7	1.49	TAS	m_e
BUG	149.14	PKPbc	04:05:26.464	0.2	14.6	2.42	TAS	m_e
CLL	148.50	PKPdf	04:05:20.481	-0.1	20.7	1.49	TAS	m_e
CLL	148.50	PKPbc	04:05:24.649	0.5	14.6	2.42	TAS	m_e
CLL	148.50	pPKPbc	04:07:23.016		18.8	3.38	TAS	m_e
CLZ	148.41	PKPdf	04:05:20.905	0.2	20.7	1.49	TAS	m_e
CLZ	148.41	PKPbc	04:05:24.877	-0.0	14.6	2.42	TAS	m_e
CLZ	148.41	PKPab	04:05:28.395	0.5	15.3	4.27	TAS	m_e
FBE	148.80	PKPdf	04:05:21.327	-0.0	20.7	1.49	TAS	m_e
FBE	148.80	PKPbc	04:05:26.094	0.1	14.6	2.42	TAS	m_e
FBE	148.80	PKPab	04:05:30.435	-0.3	15.3	4.27	TAS	m_e
FLT1	147.81	PKPdf	04:05:19.525	-0.1	20.7	1.49	TAS	m_e
FLT1	147.81	PKPbc	04:05:22.655	-0.1	14.6	2.42	TAS	m_e
FLT1	147.81	pPKPbc	04:07:20.722		18.8	3.38	TAS	m_e
FUR	151.84	PKPdf	04:05:25.633		20.7	1.49	TAS	m_e
FUR	151.84	PKPbc	04:05:32.602	-0.4	14.6	2.42	TAS	m_e
FUR	151.84	PKPab	04:05:43.471		15.3	4.27	TAS	m_e
GEC2	150.69	PKPdf	04:05:24.023	-0.0	20.7	1.49	TAS	m_e
GEC2	150.69	PKPbc	04:05:30.168	0.1	14.6	2.42	TAS	m_e
GRA1	150.37	PKPdf	04:05:23.318	-0.2	20.7	1.49	TAS	m_e
GRA1	150.37	PKPbc	04:05:29.586	0.5	14.6	2.42	TAS	m_e
GRA1	150.37	pPKPbc	04:07:29.714		18.8	3.38	TAS	m_e
GTTG	148.75	PKPdf	04:05:21.224	0.3	20.7	1.49	TAS	m_e
GTTG	148.75	PKPbc	04:05:25.618	-0.1	14.6	2.42	TAS	m_e
GUNZ	149.53	PKPdf	04:05:22.410	-0.1	20.7	1.49	TAS	m_e
GUNZ	149.53	PKPbc	04:05:27.628	0.3	14.6	2.42	TAS	m_e
IBBN	148.24	PKPdf	04:05:21.012	-0.1	20.7	1.49	TAS	m_e
IBBN	148.24	PKPbc	04:05:24.189	-0.2	14.6	2.42	TAS	m_e
IBBN	148.24	PKPab	04:05:28.585	-0.0	15.3	4.27	TAS	m_e
MANZ	149.93	PKPdf	04:05:22.862	0.2	20.7	1.49	TAS	m_e
MANZ	149.93	PKPbc	04:05:28.634	0.1	14.6	2.42	TAS	m_e
MOX	149.38	PKPdf	04:05:21.661	0.3	20.7	1.49	TAS	m_e
MOX	149.38	PKPbc	04:05:27.099	0.2	14.6	2.42	TAS	m_e
MOX	149.38	PKPab	04:05:32.512		15.3	4.27	TAS	m_e
NEUB	148.83	PKPdf	04:05:21.333	-0.1	20.7	1.49	TAS	m_e
NEUB	148.83	PKPbc	04:05:25.671	0.1	14.6	2.42	TAS	m_e
NRDL	147.81	PKPdf	04:05:19.611	0.0	20.7	1.49	TAS	m_e
NRDL	147.81	PKPbc	04:05:22.919	-0.2	14.6	2.42	TAS	m_e
PLN	149.44	PKPdf	04:05:21.999	-0.2	20.7	1.49	TAS	m_e

PLN	149.44	PKPbc	04:05:27.311	0.1	14.6	2.42	TAS	m_e
RETH	147.66	PKPbc	04:05:22.814	-0.2	14.6	2.42	TAS	m_e
RETH	147.66	PKPab	04:05:25.511	0.1	15.3	4.27	TAS	m_e
RJOB	151.93	PKPdf	04:05:25.063		20.7	1.49	TAS	m_e
RJOB	151.93	PKPbc	04:05:32.602	-0.5	14.6	2.42	TAS	m_e
RJOB	151.93	PKPab	04:05:44.222		15.3	4.27	TAS	m_e
ROTZ	150.12	PKPbc	04:05:28.898	0.2	14.6	2.42	TAS	m_e
RUE	147.24	PKPdf	04:05:18.837	0.2	20.7	1.49	TAS	m_e
RUE	147.24	PKPbc	04:05:21.544	-0.5	14.6	2.42	TAS	m_e
STU	151.58	PKPdf	04:05:25.809		20.7	1.49	TAS	m_e
STU	151.58	PKPbc	04:05:32.390	-0.7	14.6	2.42	TAS	m_e
TANN	149.46	PKPdf	04:05:22.296	0.1	20.7	1.49	TAS	m_e
TANN	149.46	PKPbc	04:05:27.364	0.1	14.6	2.42	TAS	m_e
TANN	149.46	pPKPbc	04:07:25.129		18.8	3.38	TAS	m_e
TNS	150.24	PKPdf	04:05:23.718	-0.5	20.7	1.49	TAS	m_e
TNS	150.24	PKPbc	04:05:29.269	-0.1	14.6	2.42	TAS	m_e
TNS	150.24	PKPab	04:05:36.606		15.3	4.27	TAS	m_e
UBBA	149.46	PKPdf	04:05:21.798	0.1	20.7	1.49	TAS	m_e
UBBA	149.46	PKPbc	04:05:27.232	0.4	14.6	2.42	TAS	m_e
UBR	152.51	PKPdf	04:05:26.621		20.7	1.49	TAS	m_e
UBR	152.51	PKPbc	04:05:34.030		14.6	2.42	TAS	m_e
UBR	152.51	PKPab	04:05:45.408		15.3	4.27	TAS	m_e
WERD	149.45	PKPdf	04:05:21.951	-0.1	20.7	1.49	TAS	m_e
WERD	149.45	PKPbc	04:05:27.205	0.3	14.6	2.42	TAS	m_e
WERD	149.45	PKPab	04:05:33.042		15.3	4.27	TAS	m_e
WERN	149.59	PKPdf	04:05:22.064	0.3	20.7	1.49	TAS	m_e
WERN	149.59	PKPbc	04:05:27.893	0.1	14.6	2.42	TAS	m_e
WERN	149.59	PKPab	04:05:33.868		15.3	4.27	TAS	m_e
WLF	150.99	PKPdf	04:05:25.309		20.7	1.49	TAS	m_e
WLF	150.99	PKPbc	04:05:31.702	-0.3	14.6	2.42	TAS	m_e
WLF	150.99	PKPab	04:05:40.825		15.3	4.27	TAS	m_e
WLF	150.99	pPKPbc	04:07:32.386		18.8	3.38	TAS	m_e

Event 60126011 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/26	14:10:37.80			-18.4400	-177.9700				600.0			15		144.00	150.10	m i ke	BGR
	60126017																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	146.28		PKPbc	14:29:11.270	-0.5	14.6		2.90		TAS					m_e
BSEG	144.00		PKPbc	14:29:03.940		14.6		2.90		TAS					m_e
CLL	146.07		PKPbc	14:29:10.633	-0.1	14.6		2.90		TAS					m_e
FBE	146.36		PKPbc	14:29:11.895	-0.6	14.6		2.90		TAS					m_e

FLT1	145.42	PKPbc	14:29:08.367	14.6	2.90	TAS	m_e
GEC2	148.23	PKPbc	14:29:16.556	14.6	2.90	TAS	m_e
GUNZ	147.10	PKPbc	14:29:13.992	0.4 14.6	2.90	TAS	m_e
MANZ	147.51	PKPbc	14:29:14.736	-0.0 14.6	2.90	TAS	m_e
RETH	145.29	PKPbc	14:29:08.183	14.6	2.90	TAS	m_e
ROTZ	147.69	PKPbc	14:29:15.599	0.4 14.6	2.90	TAS	m_e
TANN	147.03	PKPbc	14:29:13.598	0.2 14.6	2.90	TAS	m_e
UBR	150.10	PKPbc	14:29:21.503	14.6	2.90	TAS	m_e
WERD	147.03	PKPbc	14:29:13.641	0.3 14.6	2.90	TAS	m_e
WERN	147.16	PKPbc	14:29:14.204	0.4 14.6	2.90	TAS	m_e
WLF	148.67	PKPbc	14:29:18.608	14.6	2.90	TAS	m_e

Event 60126012 New Ireland, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/26	20:03:49.10			-5.3100	153.1700				46.0			18		123.29	127.27	m i ke	EMSC
60126044																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	60126018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	123.29		PKPdf	20:22:41.283	-0.0	49.7		1.93		TAS					m_e
BUG	126.00		PKPdf	20:22:46.753		49.7		1.93		TAS					m_e
CLL	123.47		PKPdf	20:22:41.364	0.0	49.7		1.93		TAS					m_e
CLZ	124.34		PKPdf	20:22:43.730	0.2	49.7		1.93		TAS					m_e
FBE	123.55		PKPdf	20:22:42.180	0.2	49.7		1.93		TAS					m_e
GEC2	124.68		PKPdf	20:22:43.975		49.7		1.93		TAS					m_e
GRA1	125.39		PKPdf	20:22:45.228		49.7		1.93		TAS					m_e
GRA1	125.39		L	21:21:07.932						T__		467.8	18.70	a_e Ms	5.2
GTTG	124.73		PKPdf	20:22:44.383		49.7		1.93		TAS					m_e
MANZ	124.76		PKPdf	20:22:44.627		49.7		1.93		TAS					m_e
MOX	124.57		PKPdf	20:22:43.978		49.7		1.93		TAS					m_e
MOX	124.57		L	21:22:27.811						T__		873.2	19.50	a_e Ms	5.4
PLN	124.41		PKPdf	20:22:43.485	0.2	49.7		1.93		TAS					m_e
RETH	124.17		PKPdf	20:22:43.285	0.4	49.7		1.93		TAS					m_e
ROTZ	124.86		PKPdf	20:22:44.545		49.7		1.93		TAS					m_e
STU	127.00		PKPdf	20:22:48.779		49.7		1.93		TAS					m_e
TANN	124.31		PKPdf	20:22:43.409	0.1	49.7		1.93		TAS					m_e
UBR	127.27		PKPdf	20:22:48.847		49.7		1.93		TAS					m_e
WERN	124.44		PKPdf	20:22:43.669	-0.2	49.7		1.93		TAS					m_e
WET	124.92		PKPdf	20:22:44.791		49.7		1.93		TAS					m_e

Event 60126013 Hindu Kush, Afghanistan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/26	23:19:07.04			35.9800	70.1840				319.8	7.2		35		42.43	47.52	m i ke	BGR
60126019																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	60126019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	46.81		P	23:27:03.545	-0.1	84.9		7.87		TAS		135.7	0.88	a_e mb	6.1
ASSE	44.42		P	23:26:43.951	-0.6	84.9		7.87		TAS		34.7	0.83	m_e mb	5.1
BFO	46.30		P	23:26:59.145	-0.5	84.9		7.87		TAS		71.0	1.15	a_e mb	5.6
BFO	46.30		pP	23:28:03.772		84.9		8.21		TAS				m_e	
BRG	42.43		P	23:26:29.095	-0.2	84.9		7.87		TAS		147.3	0.63	a_e mb	5.9
BSEG	44.56		P	23:26:45.745	0.9	84.9		7.87		TAS		151.2	0.76	a_e mb	6.0
BSEG	44.56		pP	23:27:49.709		84.9		8.21		TAS				m_e	
BUG	46.58		P	23:27:01.495	-0.2	84.9		7.87		TAS		145.6	0.95	a_e mb	6.1
CLL	43.01		P	23:26:33.095	-0.6	84.9		7.87		TAS		83.2	0.74	a_e mb	5.6
CLZ	44.62		P	23:26:46.345	0.1	84.9		7.87		TAS		291.5	1.46	a_e mb	6.0
FBE	42.80		P	23:26:32.245	0.1	84.9		7.87		TAS		156.9	0.76	a_e mb	5.8
FBE	42.80		pP	23:27:35.917	0.4	84.9		8.21		TAS				m_e	
FLT1	44.06		P	23:26:41.145	-0.5	84.9		7.87		TAS		323.2	0.80	a_e mb	6.1
FLT1	44.06		pP	23:27:45.204		84.9		8.21		TAS				m_e	
FUR	44.37		P	23:26:44.845	0.5	84.9		7.87		TAS		143.3	0.65	a_e mb	5.8
GEC2	42.69		P	23:26:31.345	0.0	84.9		7.87		TAS		46.9	0.91	a_e mb	5.2
GRA1	44.24		P	23:26:44.395	0.8	84.9		7.87		TAS		112.5	0.75	a_e mb	5.7
GRA1	44.24		pP	23:27:48.610		84.9		8.21		TAS				m_e	
GTTG	44.89		P	23:26:48.545	0.1	84.9		7.87		TAS		252.4	0.92	a_e mb	6.1
GTTG	44.89		pP	23:27:52.687		84.9		8.21		TAS				m_e	
GUNZ	43.48		P	23:26:37.645	0.1	84.9		7.87		TAS		74.9	0.90	a_e mb	5.4
IBBN	46.20		P	23:26:58.445	0.0	84.9		7.87		TAS		229.2	0.72	a_e mb	6.3
MANZ	43.65		P	23:26:39.295	0.4	84.9		7.87		TAS		21.1	0.93	a_e mb	4.9
MOX	43.92		P	23:26:40.995	0.0	84.9		7.87		TAS		82.9	0.73	a_e mb	5.6
MOX	43.92		pP	23:27:45.176		84.9		8.21		TAS				m_e	
NEUB	43.79		P	23:26:39.545	-0.3	84.9		7.87		TAS		207.2	0.87	a_e mb	5.9
NEUB	43.79		pP	23:27:42.967		84.9		8.21		TAS				m_e	
NRDL	44.75		P	23:26:47.345	0.4	84.9		7.87		TAS		134.2	0.83	a_e mb	5.9
NRDL	44.75		pP	23:27:51.159		84.9		8.21		TAS				m_e	
PLN	43.58		P	23:26:38.245	-0.1	84.9		7.87		TAS		46.7	1.34	a_e mb	5.0
RETH	45.19		P	23:26:50.595	0.3	84.9		7.87		TAS		75.5	0.85	a_e mb	5.6
RGN	42.80		P	23:26:30.695	0.1	84.9		7.87		TAS		492.2	0.91	a_e mb	6.2
RJOB	43.40		P	23:26:36.651	0.0	84.9		7.87		TAS		52.5	0.76	m_e mb	5.3
ROTZ	43.60		P	23:26:39.095	0.6	84.9		7.87		TAS				a_e	
ROTZ	43.60		pP	23:27:42.813	0.1	84.9		8.21		TAS				m_e	
RUE	42.50		P	23:26:28.795	-0.6	84.9		7.87		TAS		186.3	0.82	a_e mb	5.9
RUE	42.50		pP	23:27:32.180	0.2	84.9		8.21		TAS				m_e	
STU	45.67		P	23:26:54.745	-0.0	84.9		7.87		TAS		280.4	0.75	a_e mb	6.4
TANN	43.39		P	23:26:36.895	0.0	84.9		7.87		TAS		68.6	0.99	a_e mb	5.3

Event 60127002 Strait of Gibraltar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/27	06:32:09.90			35.7190	-3.7160				20.0			17		17.71	17.71	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	60127008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	17.71		P	06:36:15.804		223.5		11.43		TAS		22.1	1.12	m_e mb	4.2

Event 60127003 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/27	15:11:21.57			0.6600	-27.0100				22.8	1.2		33		56.44	61.35	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	60127009
Ms	4.9		BGR	60127009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	57.50		P	15:21:09.913	0.5	226.0		6.96		TAS		57.9	1.38	m_e mb	5.4
AHRW	57.50		X	15:21:19.091	-0.0					T__				a_e	
ASSE	60.21		P	15:21:28.478	0.1	226.0		6.96		TAS		141.1	3.20	m_e mb	5.4
BFO	56.44		P	15:21:01.947	-0.2	226.0		6.96		TAS		48.3	1.73	m_e mb	5.2
BFO	56.44		X	15:21:11.191	-0.1					T__				a_e	
BRG	60.83		P	15:21:32.608	-0.1	226.0		6.96		TAS		20.4	1.18	m_e mb	4.8
BRG	60.83		X	15:21:41.691	0.1					T__				a_e	
BSEG	61.35		P	15:21:35.663	-0.4	226.0		6.96		TAS		58.6	1.41	m_e mb	5.2
BSEG	61.35		X	15:21:44.591	-0.5					T__				a_e	
BUG	58.26		P	15:21:14.718	0.1	226.0		6.96		TAS		33.4	1.08	m_e mb	5.3
BUG	58.26		X	15:21:23.641	-0.1					T__				a_e	
CLL	60.68		P	15:21:31.574	-0.1	226.0		6.96		TAS		30.6	1.45	m_e mb	4.9
CLL	60.68		X	15:21:40.615	-0.0					T__				m_e	
CLZ	59.87		P	15:21:25.956	-0.1	226.0		6.96		TAS		22.0	1.25	m_e mb	5.0
CLZ	59.87		X	15:21:34.891	0.3					T__				a_e	
FBE	60.59		P	15:21:31.104	0.1	226.0		6.96		TAS		69.9	1.27	m_e mb	5.3
FBE	60.59		X	15:21:40.241	-0.1					T__				a_e	
FLT1	60.60		P	15:21:30.725	-0.3	226.0		6.96		TAS				m_e	
FLT1	60.60		X	15:21:39.741	-0.3					T__				a_e	
FUR	57.72		P	15:21:11.016	0.0	226.0		6.96		TAS		101.7	1.60	m_e mb	5.6
FUR	57.72		X	15:21:20.191	-0.0					T__				a_e	

GEC2	59.38	P	15:21:22.508	0.1	226.0	6.96	TAS	40.8	1.16	m_e	mb	5.3
GEC2	59.38	X	15:21:31.741	-0.0			T__			a_e		
GRA1	58.75	P	15:21:17.897	-0.3	226.0	6.96	TAS	91.8	1.63	m_e	mb	5.6
GRA1	58.75	X	15:21:27.229	-0.0			T__			m_e		
GRA1	58.75	L	15:44:04.509				T__	1013.2	20.70	a_e	Ms	4.9
GTTG	59.48	P	15:21:23.598	0.3	226.0	6.96	TAS	56.7	1.11	m_e	mb	5.5
GTTG	59.48	X	15:21:32.609	0.0			T__			m_e		
GUNZ	59.73	P	15:21:25.033	-0.0	226.0	6.96	TAS	44.1	1.50	m_e	mb	5.3
GUNZ	59.73	X	15:21:34.241	0.1			T__			a_e		
IBBN	59.11	P	15:21:20.232	-0.2	226.0	6.96	TAS	47.5	1.24	m_e	mb	5.4
IBBN	59.11	X	15:21:29.485	0.1			T__			m_e		
MANZ	59.37	P	15:21:22.398	-0.1	226.0	6.96	TAS	7.7	1.36	m_e	mb	4.6
MANZ	59.37	X	15:21:31.441	-0.2			T__			a_e		
MOX	59.59	P	15:21:24.445	0.3	226.0	6.96	TAS	44.1	1.37	m_e	mb	5.3
MOX	59.59	X	15:21:33.341	0.6			T__			m_e		
MOX	59.59	L	15:45:39.451				T__	1058.0	20.10	a_e	Ms	5.0
NEUB	60.04	P	15:21:27.095	-0.1	226.0	6.96	TAS	28.2	0.82	m_e	mb	5.3
NEUB	60.04	X	15:21:36.241	0.2			T__			a_e		
NRDL	60.23	P	15:21:28.626	0.2	226.0	6.96	TAS	122.6	1.90	m_e	mb	5.6
NRDL	60.23	X	15:21:37.491	0.1			T__			m_e		
PLN	59.73	P	15:21:25.143	0.1	226.0	6.96	TAS	38.6	1.30	m_e	mb	5.3
PLN	59.73	X	15:21:34.091	-0.1			T__			a_e		
RETH	60.09	P	15:21:27.554	0.2	226.0	6.96	TAS	39.9	1.12	m_e	mb	5.4
RETH	60.09	X	15:21:36.741	0.4			T__			a_e		
RJOB	58.20	P	15:21:13.975	-0.2	226.0	6.96	TAS	37.8	1.27	m_e	mb	5.3
RJOB	58.20	X	15:21:23.188				T__			m_e		
ROTZ	59.27	P	15:21:21.740	-0.1	226.0	6.96	TAS	7.9	1.19	m_e	mb	4.6
ROTZ	59.27	X	15:21:30.641	-0.5			T__			a_e		
STU	57.15	P	15:21:07.293	0.2	226.0	6.96	TAS			m_e		
TANN	59.83	P	15:21:25.802	0.1	226.0	6.96	TAS	8.6	0.90	m_e	mb	4.8
TANN	59.83	X	15:21:34.791	0.1			T__			a_e		
TNS	57.86	P	15:21:12.130	0.1	226.0	6.96	TAS	55.3	1.39	m_e	mb	5.4
TNS	57.86	X	15:21:20.687	-0.1			T__			m_e		
UBBA	58.98	P	15:21:19.969	0.1	226.0	6.96	TAS	41.7	1.84	m_e	mb	5.2
UBBA	58.98	X	15:21:28.991	0.2			T__			a_e		
UBR	56.82	P	15:21:04.582	-0.2	226.0	6.96	TAS	71.3	1.50	m_e	mb	5.5
UBR	56.82	X	15:21:13.841				T__			a_e		
WERD	59.78	P	15:21:25.362	-0.0	226.0	6.96	TAS	31.9	1.33	m_e	mb	5.2
WERD	59.78	X	15:21:34.341	0.0			T__			a_e		
WERN	59.70	P	15:21:25.033	0.2	226.0	6.96	TAS			m_e		
WERN	59.70	X	15:21:33.941	-0.4			T__			a_e		
WET	59.17	P	15:21:21.300	0.2	226.0	6.96	TAS	29.7	1.32	m_e	mb	5.2
WET	59.17	X	15:21:30.141	0.2			T__			m_e		
WLF	56.45	P	15:21:01.753	-0.4	226.0	6.96	TAS	36.3	1.31	m_e	mb	5.2
WLF	56.45	X	15:21:10.670	-0.1			T__			m_e		

Event 60128001 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/28	03:46:52.50			1.0700	-28.1700				10.0					58.94	58.94	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	60128007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	58.94		P	03:56:51.739		227.8		6.87		TAS		15.2	1.29	m_e mb	4.9

Event 60128003 Strait of Gibraltar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/28	19:48:51.10			35.4180	-3.8230				10.0				6	18.01	21.00	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	60128009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	20.08		P	19:53:25.792		223.2		10.86		TAS		18.3	1.40	m_e mb	4.1
BSEG	21.00		P	19:53:36.038		223.2		10.86		TAS		58.3	1.46	m_e mb	4.7
CLL	19.97		P	19:53:24.355		223.2		10.86		TAS		15.8	1.12	m_e mb	4.2
FBE	19.85		P	19:53:22.511		223.2		10.86		TAS		23.5	1.32	m_e mb	4.3
GRA1	18.01		P	19:53:03.289		223.2		10.86		TAS		5.7	1.00	m_e mb	3.7
MODW	19.47		P	19:53:20.627		223.2		10.86		TAS		5.0	0.94	m_e mb	3.7
TANN	19.09		P	19:53:15.051		223.2		10.86		TAS		5.8	1.05	m_e mb	3.7
WIMM	19.50		P	19:53:20.431		223.2		10.86		TAS		14.8	1.20	m_e mb	4.1

Event 60130001 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/30	00:16:41.45			48.5210	153.4860				65.0	0.5			33	71.96	79.05	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	60130007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.19		P	00:28:16.832	0.4	25.2		5.75		TAS		39.1	0.97	m_e mb	5.5
ASSE	74.83		P	00:28:02.742	-0.2	25.2		5.75		TAS		8.7	0.89	m_e mb	4.8

BFO	78.92	P	00:28:25.986	-0.4	25.2	5.75	TAS	18.7	0.87	m_e	mb	5.1
BRG	75.09	P	00:28:04.219	-0.0	25.2	5.75	TAS	14.5	0.84	m_e	mb	5.0
BSEG	73.28	P	00:27:53.654	-0.3	25.2	5.75	TAS	22.1	0.81	m_e	mb	5.3
BUG	76.31	P	00:28:11.350	-0.0	25.2	5.75	TAS	26.8	0.90	m_e	mb	5.4
CLL	74.96	P	00:28:03.262	-0.3	25.2	5.75	TAS	54.1	0.80	m_e	mb	5.6
CLZ	75.17	P	00:28:04.945	0.1	25.2	5.75	TAS	35.5	0.86	m_e	mb	5.4
FBE	75.21	P	00:28:04.999	0.0	25.2	5.75	TAS	30.6	0.78	m_e	mb	5.4
FLT1	74.50	P	00:28:00.711	-0.3	25.2	5.75	TAS	24.7	0.75	m_e	mb	5.3
FUR	78.28	P	00:28:22.640	0.0	25.2	5.75	TAS	41.3	0.81	m_e	mb	5.6
GEC2	76.97	P	00:28:15.204	0.2	25.2	5.75	TAS	14.4	0.77	m_e	mb	5.2
GRA1	76.91	P	00:28:15.095	0.3	25.2	5.75	TAS	64.8	0.72	m_e	mb	5.9
GTTG	75.55	P	00:28:07.279	0.3	25.2	5.75	TAS	14.6	0.68	m_e	mb	5.2
GTTG	75.55	pP	00:28:24.809				T__			m_e		
GUNZ	75.99	P	00:28:09.444	-0.1	25.2	5.75	TAS	23.9	0.75	m_e	mb	5.4
HLG	73.63	P	00:27:56.043	0.1	25.2	5.75	TAS	231.0	0.99	m_e	mb	6.2
IBBN	75.39	P	00:28:05.976	-0.1	25.2	5.75	TAS	30.3	0.76	m_e	mb	5.4
IBBN	75.39	pP	00:28:23.725				T__			m_e		
MANZ	76.40	P	00:28:11.730	-0.1	25.2	5.75	TAS	4.0	0.83	m_e	mb	4.6
MOX	75.93	P	00:28:09.233	0.0	25.2	5.75	TAS	24.5	0.94	m_e	mb	5.3
NEUB	75.39	P	00:28:06.193	0.1	25.2	5.75	TAS			m_e		
NRDL	74.64	P	00:28:01.851	0.0	25.2	5.75	TAS	18.3	0.82	m_e	mb	5.1
RGN	71.96	P	00:27:46.367	-0.0	25.2	5.75	TAS			m_e		
RJOB	78.24	P	00:28:22.284	0.0	25.2	5.75	TAS	19.6	0.82	m_e	mb	5.3
ROTZ	76.57	P	00:28:12.815	0.0	25.2	5.75	TAS	6.2	0.81	m_e	mb	4.8
RUE	73.69	P	00:27:56.423	0.1	25.2	5.75	TAS	42.9	0.84	m_e	mb	5.5
TANN	75.91	P	00:28:08.961	-0.1	25.2	5.75	TAS	9.4	0.70	m_e	mb	5.0
TNS	77.14	P	00:28:16.181	-0.0	25.2	5.75	TAS	31.4	0.76	m_e	mb	5.5
UBBA	76.20	P	00:28:10.536	-0.2	25.2	5.75	TAS	9.7	0.68	m_e	mb	5.1
UBR	79.05	P	00:28:26.659	-0.4	25.2	5.75	TAS	11.0	0.70	m_e	mb	5.0
WERD	75.92	P	00:28:09.287	0.2	25.2	5.75	TAS	18.0	0.83	m_e	mb	5.2
WERN	76.05	P	00:28:10.047	0.2	25.2	5.75	TAS	35.3	0.73	m_e	mb	5.6
WET	76.94	P	00:28:15.015	0.1	25.2	5.75	TAS	29.4	0.83	m_e	mb	5.5
WLF	78.22	P	00:28:22.580	0.2	25.2	5.75	TAS	12.6	0.88	m_e	mb	5.1

Event 60130002 Off coast of northern California, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/30	00:30:52.21			40.9080	-129.5240			33.0				8		80.61	85.62	m i ke	BGR
	60130008																

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	60130008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	83.64		P	00:43:16.232	0.0	331.2		5.16		TAS		6.6	1.10	m_e	mb	4.8
BRG	83.18		P	00:43:13.849	0.3	331.2		5.16		TAS		6.9	0.91	m_e	mb	4.9

CLL	82.52	P	00:43:10.358	0.0	331.2	5.16	TAS	4.8	0.78	m_e	mb	4.8
FLT1	81.10	P	00:43:02.786	-0.2	331.2	5.16	TAS	11.8	1.01	m_e	mb	4.9
FUR	84.76	P	00:43:21.738	0.0	331.2	5.16	TAS	11.0	0.86	m_e	mb	5.1
GEC2	84.91	P	00:43:22.681	0.0	331.2	5.16	TAS	9.0	1.04	m_e	mb	4.9
MOX	82.69	P	00:43:11.167		331.2	5.16	TAS	4.7	1.05	m_e	mb	4.6
NRDL	80.61	P	00:43:00.437	0.1	331.2	5.16	TAS	5.4	0.85	m_e	mb	4.6
RJOB	85.62	P	00:43:26.272		331.2	5.16	TAS	6.6	0.95	m_e	mb	4.7
UBR	84.80	P	00:43:22.190		331.2	5.16	TAS	4.7	0.90	m_e	mb	4.7
WET	84.40	P	00:43:20.085	-0.1	331.2	5.16	TAS	5.6	0.98	m_e	mb	4.8

Event 60130003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/30	01:52:36.84			-17.3360	-178.0500				442.3			23		144.32	149.00	m i ke	BGR
60130009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.62		PKPbc	02:11:29.425	0.3	15.6		2.88		TAS				m_e	
ASSE	144.61		PKPbc	02:11:22.915	-0.4	15.6		2.88		TAS				m_e	
BFO	148.65		PKPbc	02:11:34.679		15.6		2.88		TAS				m_e	
BRG	145.19		PKPbc	02:11:25.214	-0.3	15.6		2.88		TAS				m_e	
CLL	144.98		PKPbc	02:11:24.264	-0.1	15.6		2.88		TAS				m_e	
CLZ	144.93		PKPbc	02:11:24.101	0.1	15.6		2.88		TAS				m_e	
FBE	145.28		PKPbc	02:11:25.449	0.1	15.6		2.88		TAS				m_e	
FLT1	144.32		PKPbc	02:11:21.771	-0.7	15.6		2.88		TAS				m_e	
FUR	148.32		PKPbc	02:11:33.989		15.6		2.88		TAS				m_e	
GEC2	147.15		PKPbc	02:11:30.824		15.6		2.88		TAS				m_e	
GRA1	146.87		PKPbc	02:11:30.107	-0.5	15.6		2.88		TAS				m_e	
GTTG	145.28		PKPbc	02:11:25.283	0.4	15.6		2.88		TAS				m_e	
GUNZ	146.01		PKPbc	02:11:27.818	0.2	15.6		2.88		TAS				m_e	
IBBN	144.81		PKPbc	02:11:24.019	-0.0	15.6		2.88		TAS				m_e	
MANZ	146.42		PKPbc	02:11:28.645	0.3	15.6		2.88		TAS				m_e	
MOX	145.88		PKPbc	02:11:27.002	0.3	15.6		2.88		TAS				m_e	
NEUB	145.32		PKPbc	02:11:25.469	0.5	15.6		2.88		TAS				m_e	
NRDL	144.33		PKPbc	02:11:22.098	-0.4	15.6		2.88		TAS				m_e	
RJOB	148.40		PKPbc	02:11:34.015		15.6		2.88		TAS				m_e	
ROTZ	146.60		PKPbc	02:11:29.372	0.3	15.6		2.88		TAS				m_e	
TANN	145.94		PKPbc	02:11:27.329	0.5	15.6		2.88		TAS				m_e	
TNS	146.78		PKPbc	02:11:29.862	-0.4	15.6		2.88		TAS				m_e	
UBBA	145.98		PKPbc	02:11:27.497	0.2	15.6		2.88		TAS				m_e	
UBR	149.00		PKPbc	02:11:35.746		15.6		2.88		TAS				m_e	
WERD	145.94		PKPbc	02:11:27.517	0.2	15.6		2.88		TAS				m_e	
WERN	146.08		PKPbc	02:11:27.925	0.3	15.6		2.88		TAS				m_e	
WET	147.06		PKPbc	02:11:30.665	0.3	15.6		2.88		TAS				m_e	

WLF 147.57 PKPbc 02:11:32.436 15.6 2.88 TAS m_e

Event 60130004 Kamchatka Peninsula, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2016/01/30 03:25:11.01 54.0080 158.5590 176.1 6.4 35 68.07 75.22 m i ke BGR
60130010

Magnitude Err Nsta Author OrigID
mb 7.2 BGR 60130010
MBB 7.6 BGR 60130010

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. It lists various station data points for the event.

WERD	72.13	P	03:36:16.858	0.1	20.4	5.90	TAS	2548.7	1.15	m_e	MBB	7.6
WERN	72.26	P	03:36:17.665	0.2	20.4	5.90	TAS	2295.1	1.11	m_e	MBB	7.6
WET	73.22	P	03:36:23.542	0.5	20.4	5.90	TAS	2716.4	1.20	m_e	MBB	7.7
WLF	74.12	P	03:36:28.779	0.1	20.4	5.90	TAS	1409.4	1.36	m_e	MBB	7.6
WLF	74.12	pP	03:37:11.487				T__				m_e	

Event 60130005 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2016/01/30	17:23:42.88			45.6200	146.0600				33.0			28		73.90	79.40	m i ke	BGR
60130011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	60130011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.84		P	17:35:36.975	-0.3	30.3		5.61		TAS		12.8	0.91	m_e mb	5.0
ASSE	75.35		P	17:35:22.869	-0.3	30.3		5.61		TAS				m_e	
BFO	79.40		P	17:35:45.494		30.3		5.61		TAS		7.2	0.87	m_e mb	4.7
BRG	75.35		P	17:35:22.691	0.0	30.3		5.61		TAS		4.4	0.78	m_e mb	4.5
BSEG	73.90		P	17:35:14.989	0.3	30.3		5.61		TAS		26.1	0.85	m_e mb	5.3
BUG	76.99		P	17:35:31.959		30.3		5.61		TAS		15.1	0.84	m_e mb	5.2
CLL	75.30		P	17:35:22.341	0.1	30.3		5.61		TAS		16.3	0.78	m_e mb	5.1
CLZ	75.69		P	17:35:25.229		30.3		5.61		TAS		17.2	0.78	m_e mb	5.2
FBE	75.51		P	17:35:23.654	0.5	30.3		5.61		TAS		9.8	0.75	m_e mb	5.0
FLT1	75.00		P	17:35:20.823	-0.3	30.3		5.61		TAS		18.0	0.76	m_e mb	5.2
FUR	78.57		P	17:35:40.895		30.3		5.61		TAS		3982.7	2.77	m_e mb	7.0
GEC2	77.15		P	17:35:33.193		30.3		5.61		TAS		7.4	0.70	m_e mb	4.9
GRA1	77.27		P	17:35:34.069		30.3		5.61		TAS		25.2	0.71	m_e mb	5.5
GTTG	76.08		P	17:35:27.124		30.3		5.61		TAS		14.8	0.84	m_e mb	5.1
GUNZ	76.33		P	17:35:28.555	-0.2	30.3		5.61		TAS		8.2	0.77	m_e mb	4.9
IBBN	76.08		P	17:35:27.135		30.3		5.61		TAS		15.7	0.80	m_e mb	5.2
MANZ	76.72		P	17:35:30.743		30.3		5.61		TAS		1.6	0.79	m_e mb	4.2
MOX	76.32		P	17:35:28.292	0.3	30.3		5.61		TAS		6.4	0.92	m_e mb	4.7
NRDL	75.21		P	17:35:22.516	0.4	30.3		5.61		TAS		6.8	0.79	m_e mb	4.7
RJOB	78.41		P	17:35:40.453		30.3		5.61		TAS		8.7	0.83	m_e mb	4.9
ROTZ	76.88		P	17:35:32.056		30.3		5.61		TAS		175.5	2.43	m_e mb	5.8
TANN	76.24		P	17:35:27.592	-0.5	30.3		5.61		TAS		3.6	0.74	m_e mb	4.6
TNS	77.70		P	17:35:36.348	-0.3	30.3		5.61		TAS		9.9	0.83	m_e mb	5.0
UBBA	76.70		P	17:35:30.655	0.5	30.3		5.61		TAS				m_e	
UBR	79.38		P	17:35:45.763		30.3		5.61		TAS		4.3	0.77	m_e mb	4.5
WERD	76.26		P	17:35:28.016	-0.3	30.3		5.61		TAS		5.4	0.80	m_e mb	4.7
WERN	76.38		P	17:35:29.255	0.4	30.3		5.61		TAS		9.2	0.68	m_e mb	5.0
WET	77.18		P	17:35:33.368		30.3		5.61		TAS		15.5	0.79	m_e mb	5.2

Event 60131002 North Atlantic Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/31	09:52:06.72			50.0410	-45.4300				33.0					35.76	35.76	m i ke	BGR
OrigID 60131008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	60131008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	35.76		P	09:59:01.705		292.9		8.27		TAS		10.9	1.19	m_e mb	4.5

Event 60131003 South Indian Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/31	17:46:51.99			-33.6940	49.7290				10.0					89.78	89.78	m i ke	BGR
OrigID 60131009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	60131009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	89.78		P	17:59:52.373		143.8		5.06		TAS		18.5	1.32	m_e mb	5.1

Event 60131004 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/01/31	18:43:06.81			-16.9650	168.0650				223.5				3	140.25	144.60	m i ke	BGR
OrigID 60131010																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	144.60		PKPdf	19:02:14.063		40.8		1.76		TAS				m_e	
CLL	140.40		PKPbc	19:02:09.140	-0.6	40.8		1.76		TAS				m_e	
CLZ	140.96		PKPbc	19:02:11.195	-0.6	40.8		1.76		TAS				m_e	
FBE	140.55		PKPdf	19:02:05.415	-0.6	40.8		1.76		TAS				m_e	
FBE	140.55		PKPbc	19:02:10.051	-0.6	40.8		1.76		TAS				m_e	
FLT1	140.25		PKPbc	19:02:08.936	-0.6	40.8		1.76		TAS				m_e	
GUNZ	141.40		PKPdf	19:02:07.497	-0.6	40.8		1.76		TAS				m_e	
GUNZ	141.40		PKPbc	19:02:11.747	-0.6	40.8		1.76		TAS				m_e	

NRDL	140.52	PKPbc	19:02:10.171	-0.6	40.8	1.76	TAS	m_e
RJOB	143.20	PKPdf	19:02:11.310	-0.6	40.8	1.76	TAS	m_e
UBBA	141.93	PKPdf	19:02:09.198	-0.6	40.8	1.76	TAS	m_e
UBR	144.41	PKPdf	19:02:13.621		40.8	1.76	TAS	m_e
WERN	141.44	PKPbc	19:02:11.869	-0.6	40.8	1.76	TAS	m_e
WLF	144.25	PKPdf	19:02:13.750		40.8	1.76	TAS	m_e