

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

(produced by SZO/BGR - HANNOVER)

February 2016

UPDATED 13.October 2017

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

Event 60201002 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/01	01:41:17.62			-18.9190	-173.2840				33.0			11		146.39	151.18	m i ke	BGR
OrigID 60201008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.63		PKPbc	02:01:06.384		8.3		2.67		TAS					m_e
BRG	147.60		PKPbc	02:00:58.394	-0.3	8.3		2.67		TAS					m_e
BUG	147.55		PKPbc	02:00:58.437		8.3		2.67		TAS					m_e
CLL	147.30		PKPbc	02:00:57.307	-0.0	8.3		2.67		TAS					m_e
CLZ	147.02		PKPbc	02:00:56.705	-0.4	8.3		2.67		TAS					m_e
FBE	147.64		PKPbc	02:00:58.379	-0.4	8.3		2.67		TAS					m_e
FLT1	146.47		PKPbc	02:00:54.831	-0.2	8.3		2.67		TAS					m_e
GEC2	149.62		PKPbc	02:01:03.866		8.3		2.67		TAS					m_e
GTTG	147.34		PKPbc	02:00:57.510	-0.4	8.3		2.67		TAS					m_e
GUNZ	148.31		PKPbc	02:01:00.457		8.3		2.67		TAS					m_e
IBBN	146.67		PKPbc	02:00:55.790	-0.4	8.3		2.67		TAS					m_e
MANZ	148.71		PKPbc	02:01:01.411		8.3		2.67		TAS					m_e
MOX	148.11		PKPbc	02:00:59.907	-0.4	8.3		2.67		TAS					m_e
NRDL	146.39		PKPbc	02:00:54.890	-0.1	8.3		2.67		TAS					m_e
RJOB	150.83		PKPbc	02:01:06.684		8.3		2.67		TAS					m_e
ROTZ	148.91		PKPbc	02:01:01.964		8.3		2.67		TAS					m_e
TANN	148.24		PKPbc	02:01:00.268		8.3		2.67		TAS					m_e
TNS	148.74		PKPbc	02:01:01.653	-0.4	8.3		2.67		TAS					m_e
UBR	151.18		PKPbc	02:01:07.809		8.3		2.67		TAS					m_e
WERN	148.38		PKPbc	02:01:00.775	-0.4	8.3		2.67		TAS					m_e
WLF	149.32		PKPbc	02:01:03.970		8.3		2.67		TAS					m_e

Event 60201001 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/01	03:18:01.77		50.0320	152.3220					33.0			14		72.81	77.23	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	60201007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	77.23		P	03:29:50.874		24.7		5.78		TAS		6.6	0.88	m_e mb	4.8
BRG	73.39		P	03:29:29.081	0.5	24.7		5.78		TAS		7.2	1.24	m_e mb	4.7
BUG	74.62		P	03:29:36.024	0.0	24.7		5.78		TAS		7.2	0.86	m_e mb	4.7
CLL	73.26		P	03:29:28.379	0.0	24.7		5.78		TAS		8.1	0.83	m_e mb	4.9
CLZ	73.48		P	03:29:29.413	0.0	24.7		5.78		TAS		6.9	0.84	m_e mb	4.8
FBE	73.51		P	03:29:29.732		24.7		5.78		TAS		5.8	0.97	m_e mb	4.6
FLT1	72.81		P	03:29:25.650	0.1	24.7		5.78		TAS		8.0	0.88	m_e mb	4.9
FUR	76.59		P	03:29:47.555		24.7		5.78		TAS				m_e	
GEC2	75.28		P	03:29:39.703		24.7		5.78		TAS		2.3	0.77	m_e mb	4.3
GRA1	75.21		P	03:29:39.553		24.7		5.78		TAS		11.1	0.77	m_e mb	5.0
GTTG	73.86		P	03:29:31.644	0.0	24.7		5.78		TAS		7.0	0.80	m_e mb	4.7
GUNZ	74.30		P	03:29:34.228	-0.4	24.7		5.78		TAS		3.8	0.82	m_e mb	4.5
MANZ	74.70		P	03:29:36.630	0.4	24.7		5.78		TAS		1.1	1.03	m_e mb	3.8
MOX	74.24		P	03:29:33.696	0.4	24.7		5.78		TAS		4.4	0.82	m_e mb	4.5
NRDL	72.95		P	03:29:26.535	0.4	24.7		5.78		TAS		3.7	0.83	m_e mb	4.6
RJOB	76.54		P	03:29:47.320		24.7		5.78		TAS		4.3	0.77	m_e mb	4.6
ROTZ	74.87		P	03:29:37.385		24.7		5.78		TAS		0.9	0.81	m_e mb	3.9
TANN	74.22		P	03:29:33.789		24.7		5.78		TAS		1.5	0.78	m_e mb	4.1
WERD	74.23		P	03:29:33.739	0.0	24.7		5.78		TAS		5.7	0.91	m_e mb	4.6
WERN	74.36		P	03:29:34.701	-0.4	24.7		5.78		TAS		6.0	0.82	m_e mb	4.7
WET	75.25		P	03:29:39.872		24.7		5.78		TAS		5.9	0.87	m_e mb	4.6

Event 60201003 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/01	17:52:09.01		-23.7740	-177.3540					256.9	2.0		16		149.33	155.41	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	153.06		PKPbc	19:20:39.617		26.7		4.50		TAS				m_e	
ASSE	151.03		PKPbc	19:20:28.423	-0.5	26.7		4.50		TAS				m_e	

BFO	155.08	PKPbc	19:20:46.480	0.3	26.7	4.50	TAS	m_e
BRG	151.56	PKPbc	19:20:29.590	0.2	26.7	4.50	TAS	m_e
BSEG	149.33	PKPbc	19:20:21.721	-0.6	26.7	4.50	TAS	m_e
BUG	152.15	PKPbc	19:20:35.406		26.7	4.50	TAS	m_e
CLL	151.37	PKPbc	19:20:28.626	0.4	26.7	4.50	TAS	m_e
CLZ	151.35	PKPbc	19:20:30.252	-0.5	26.7	4.50	TAS	m_e
FBE	151.66	PKPbc	19:20:30.044	-0.1	26.7	4.50	TAS	m_e
FLT1	150.74	PKPbc	19:20:26.692	-0.4	26.7	4.50	TAS	m_e
FUR	154.71	PKPbc	19:20:43.447	-0.3	26.7	4.50	TAS	m_e
GEC2	153.50	PKPbc	19:20:37.477	-0.1	26.7	4.50	TAS	m_e
GRA1	153.27	PKPbc	19:20:37.372		26.7	4.50	TAS	m_e
GTTG	151.71	PKPbc	19:20:31.415	0.3	26.7	4.50	TAS	m_e
GUNZ	152.41	PKPbc	19:20:33.241		26.7	4.50	TAS	m_e
IBBN	151.24	PKPbc	19:20:30.977		26.7	4.50	TAS	m_e
MANZ	152.81	PKPbc	19:20:34.954		26.7	4.50	TAS	m_e
MOX	152.28	PKPbc	19:20:33.037		26.7	4.50	TAS	m_e
NEUB	151.73	PKPbc	19:20:30.801		26.7	4.50	TAS	m_e
NRDL	150.76	PKPbc	19:20:27.395		26.7	4.50	TAS	m_e
RJOB	154.75	PKPbc	19:20:43.002		26.7	4.50	TAS	m_e
ROTZ	153.00	PKPbc	19:20:35.950		26.7	4.50	TAS	m_e
RUE	150.11	PKPbc	19:20:23.195	-0.1	26.7	4.50	TAS	m_e
TANN	152.33	PKPbc	19:20:33.117	-0.1	26.7	4.50	TAS	m_e
TNS	153.21	PKPbc	19:20:39.242		26.7	4.50	TAS	m_e
UBBA	152.41	PKPbc	19:20:34.567		26.7	4.50	TAS	m_e
UBR	155.41	PKPbc	19:20:47.473		26.7	4.50	TAS	m_e
WERD	152.33	PKPbc	19:20:32.855		26.7	4.50	TAS	m_e
WERN	152.47	PKPbc	19:20:33.818		26.7	4.50	TAS	m_e
WET	153.43	PKPbc	19:20:37.952		26.7	4.50	TAS	m_e
WLF	154.01	PKPbc	19:20:44.116		26.7	4.50	TAS	m_e

Event 60201004 Komandorsky Islands, Russia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/01	22:47:48.47			55.6020	167.7780				33.0					73.27	73.27	m i ke	BGR
60201010																	

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 60201010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	73.27		P	22:59:14.757		13.1		5.13		TAS		9.8	0.81	m_e mb	5.0

Event 60202001 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
2016/02/02	05:31:53.08			39.7500	142.7030				41.4			32		76.55	83.42	m i ke	BGR
OrigID 60202007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	60202007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	82.02		P	05:44:08.000	-0.2	35.5		5.22		TAS		13.2	0.83	m_e mb	5.1
ASSE	79.44		P	05:43:54.515	-0.3	35.5		5.22		TAS		7.7	0.85	m_e mb	4.8
BFO	83.42		P	05:44:15.928	0.3	35.5		5.22		TAS		9.3	0.81	m_e mb	5.1
BRG	79.23		P	05:43:53.596	-0.2	35.5		5.22		TAS		12.0	0.85	m_e mb	5.0
BSEG	78.09		P	05:43:47.797	0.1	35.5		5.22		TAS				m_e	
BUG	81.20		P	05:44:04.044	0.1	35.5		5.22		TAS				m_e	
CLL	79.24		P	05:43:53.574	-0.2	35.5		5.22		TAS		24.2	0.84	m_e mb	5.3
CLZ	79.78		P	05:43:56.640	0.1	35.5		5.22		TAS		29.7	0.96	m_e mb	5.2
FBE	79.42		P	05:43:54.811	0.1	35.5		5.22		TAS		18.7	0.82	m_e mb	5.2
FLT1	79.07		P	05:43:52.895	0.0	35.5		5.22		TAS		25.6	0.90	m_e mb	5.3
FUR	82.44		P	05:44:10.542	0.0	35.5		5.22		TAS		31.9	0.78	m_e mb	5.5
GEC2	80.93		P	05:44:02.592	-0.1	35.5		5.22		TAS		7.4	0.82	m_e mb	4.8
GRA1	81.22		P	05:44:04.264	0.1	35.5		5.22		TAS		36.3	0.87	m_e mb	5.4
GTTG	80.17		P	05:43:58.526	-0.1	35.5		5.22		TAS		16.6	0.90	m_e mb	5.0
GUNZ	80.25		P	05:43:58.961	-0.1	35.5		5.22		TAS		10.7	0.85	m_e mb	4.8
HLG	78.71		P	05:43:50.925	0.1	35.5		5.22		TAS				m_e	
IBBN	80.31		P	05:43:59.385	0.1	35.5		5.22		TAS		19.4	0.80	m_e mb	5.1
MANZ	80.64		P	05:44:00.909	-0.2	35.5		5.22		TAS		3.0	0.84	m_e mb	4.4
MOX	80.30		P	05:43:59.144	-0.2	35.5		5.22		TAS		13.5	0.97	m_e mb	4.8
NEUB	79.80		P	05:43:56.523	-0.2	35.5		5.22		TAS				m_e	
NRDL	79.34		P	05:43:54.084	-0.2	35.5		5.22		TAS				m_e	
RGN	76.55		P	05:43:39.784	0.4	35.5		5.22		TAS				m_e	
RJOB	82.18		P	05:44:09.524	0.3	35.5		5.22		TAS		18.2	0.92	m_e mb	5.2
ROTZ	80.78		P	05:44:01.860	-0.0	35.5		5.22		TAS		2.8	0.90	m_e mb	4.3
RUE	78.02		P	05:43:47.451	0.0	35.5		5.22		TAS				m_e	
TANN	80.16		P	05:43:58.470	-0.2	35.5		5.22		TAS		9.7	1.16	m_e mb	4.6
TNS	81.81		P	05:44:06.932	-0.2	35.5		5.22		TAS		9.9	0.88	m_e mb	5.0
UBBA	80.75		P	05:44:01.877	0.2	35.5		5.22		TAS				m_e	
UBR	83.29		P	05:44:14.915	-0.0	35.5		5.22		TAS				m_e	
WERD	80.20		P	05:43:58.894	0.1	35.5		5.22		TAS		10.1	1.05	m_e mb	4.7
WERN	80.30		P	05:43:59.112	-0.2	35.5		5.22		TAS		13.9	0.90	m_e mb	4.9
WET	81.02		P	05:44:03.654	0.5	35.5		5.22		TAS		19.3	1.01	m_e mb	5.1

Event 60202002 Northeast of Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/02	14:19:24.52			25.5550	123.4090				223.8	5.2		31		80.33	86.72	m i ke	BGR
OrigID																	

60202008

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	60202008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	85.72		P	14:31:40.592	0.1	57.9		5.07		TAS		64.6	0.80	m_e	mb	5.8
ASSE	82.96		P	14:31:26.523	0.0	57.9		5.07		TAS		26.3	0.73	m_e	mb	5.6
BFO	86.33		P	14:31:42.946	-0.5	57.9		5.07		TAS		54.8	0.82	m_e	mb	5.7
BRG	81.88		P	14:31:20.908	-0.0	57.9		5.07		TAS		65.7	0.77	m_e	mb	5.8
BSEG	82.15		P	14:31:22.207	-0.3	57.9		5.07		TAS		172.9	0.86	m_e	mb	6.2
BUG	85.09		P	14:31:37.484	0.1	57.9		5.07		TAS		158.2	0.87	m_e	mb	6.3
CLL	82.17		P	14:31:21.753	-0.7	57.9		5.07		TAS		94.4	0.82	m_e	mb	6.0
CLL	82.17		pP	14:32:16.660						T__				m_e		
CLZ	83.27		P	14:31:28.274	0.2	57.9		5.07		TAS		89.3	0.74	m_e	mb	6.1
FLT1	82.56		P	14:31:24.015	-0.5	57.9		5.07		TAS	13319.6	2.55	2.55	m_e	mb	7.7
FUR	84.79		P	14:31:35.819	0.2	57.9		5.07		TAS		315.8	0.81	m_e	mb	6.6
GEC2	83.06		P	14:31:26.946	0.1	57.9		5.07		TAS		155.0	0.84	m_e	mb	6.3
GRA1	83.99		P	14:31:31.717	0.1	57.9		5.07		TAS	1903.2	1.93	1.93	m_e	mb	7.0
GTTG	83.65		P	14:31:30.267	0.3	57.9		5.07		TAS		93.0	0.96	m_e	mb	6.0
GUNZ	83.03		P	14:31:26.694	-0.1	57.9		5.07		TAS		79.6	0.75	m_e	mb	6.0
IBBN	84.35		P	14:31:33.978	0.4	57.9		5.07		TAS	202.1	0.77	0.77	m_e	mb	6.4
MANZ	83.35		P	14:31:28.395	0.0	57.9		5.07		TAS		13.7	0.86	m_e	mb	5.2
MOX	83.26		P	14:31:27.972	0.0	57.9		5.07		TAS		38.0	0.68	m_e	mb	5.7
NEUB	82.89		P	14:31:25.738	-0.3	57.9		5.07		TAS		112.5	0.68	m_e	mb	6.2
NRDL	83.05		P	14:31:26.825	-0.1	57.9		5.07		TAS		57.6	0.71	m_e	mb	5.9
RGN	80.33		P	14:31:13.395	0.2	57.9		5.07		TAS		238.1	0.83	m_e	mb	6.2
RJOB	84.15		P	14:31:32.621	0.3	57.9		5.07		TAS		200.1	0.87	m_e	mb	6.4
ROTZ	83.41		P	14:31:28.938	0.3	57.9		5.07		TAS		19.5	0.92	m_e	mb	5.3
RUE	81.15		P	14:31:17.406	0.1	57.9		5.07		TAS		113.1	0.73	m_e	mb	6.0
TANN	82.93		P	14:31:26.161	-0.1	57.9		5.07		TAS		39.0	0.93	m_e	mb	5.6
TNS	85.19		P	14:31:37.935	0.2	57.9		5.07		TAS		97.6	0.82	m_e	mb	6.1
TNS	85.19		pP	14:32:31.441						T__				m_e		
UBBA	84.03		P	14:31:32.165	0.3	57.9		5.07		TAS		39.3	0.98	m_e	mb	5.6
UBBA	84.03		pP	14:32:25.198						T__				m_e		
UBR	85.71		P	14:31:39.884	-0.4	57.9		5.07		TAS		110.5	0.94	m_e	mb	6.0
UBR	85.71		pP	14:32:33.561						T__				m_e		
WERD	83.00		P	14:31:26.583	-0.0	57.9		5.07		TAS		49.1	0.82	m_e	mb	5.8
WERN	83.04		P	14:31:26.946	0.1	57.9		5.07		TAS		104.6	0.86	m_e	mb	6.1
WET	83.37		P	14:31:28.395	0.0	57.9		5.07		TAS		41.1	1.00	m_e	mb	5.6
WLF	86.72		P	14:31:45.422	-0.1	57.9		5.07		TAS		236.5	0.82	m_e	mb	6.4

Event 60203003 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/03	11:44:45.42			47.2100	154.3070				10.0			19		75.93	80.47	m i ke	BGR

60203009

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 60203009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.61		P	11:56:44.841	0.6	26.6		5.87		TAS		9.2	0.78	m_e	mb 4.9
ASSE	76.26		P	11:56:30.466	-0.3	26.6		5.87		TAS		5.2	0.76	m_e	mb 4.7
BFO	80.34		P	11:56:54.216	0.5	26.6		5.87		TAS		5.7	0.88	m_e	mb 4.5
BRG	76.51		P	11:56:31.659	1.0	26.6		5.87		TAS		5.9	0.88	m_e	mb 4.7
CLL	76.38		P	11:56:30.842	-0.3	26.6		5.87		TAS		13.4	0.79	m_e	mb 5.1
FLT1	75.93		P	11:56:28.523	-0.2	26.6		5.87		TAS		12.2	0.85	m_e	mb 5.1
GEC2	78.40		P	11:56:42.059	-0.6	26.6		5.87		TAS		3.2	0.84	m_e	mb 4.5
GRA1	78.33		P	11:56:42.372	-0.4	26.6		5.87		TAS		19.0	0.96	m_e	mb 5.2
GUNZ	77.42		P	11:56:37.484	0.2	26.6		5.87		TAS		10.0	1.00	m_e	mb 4.9
MANZ	77.82		P	11:56:39.552	-0.0	26.6		5.87		TAS		2.0	0.91	m_e	mb 4.2
MOX	77.36		P	11:56:36.920	-0.1	26.6		5.87		TAS		6.4	0.83	m_e	mb 4.8
NRDL	76.07		P	11:56:29.384	0.5	26.6		5.87		TAS		6.2	0.85	m_e	mb 4.8
RJOB	79.66		P	11:56:50.288	-0.5	26.6		5.87		TAS		4.1	0.73	m_e	mb 4.5
ROTZ	77.99		P	11:56:40.555	-0.3	26.6		5.87		TAS		2.7	1.01	m_e	mb 4.3
TNS	78.57		P	11:56:44.378	0.7	26.6		5.87		TAS		9.4	0.93	m_e	mb 4.8
UBBA	77.63		P	11:56:38.673	0.5	26.6		5.87		TAS		2.0	0.69	m_e	mb 4.4
UBR	80.47		P	11:56:55.344		26.6		5.87		TAS		6.8	1.15	m_e	mb 4.5
WERD	77.35		P	11:56:36.419	-0.4	26.6		5.87		TAS		5.0	0.87	m_e	mb 4.7
WERN	77.47		P	11:56:37.672	0.1	26.6		5.87		TAS		8.7	0.81	m_e	mb 4.9
WET	78.36		P	11:56:42.184	-0.6	26.6		5.87		TAS		10.1	1.00	m_e	mb 4.9

Event 60204001 Vanuatu Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2016/02/04 00:08:55.07 -19.3200 172.0770 33.0 12 144.07 147.69 m i ke BGR
 60204007

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	144.07		P	00:28:14.201	-0.1	27.3		3.93		TAS				m_e	
BUG	145.78		P	00:28:26.844		27.3		3.93		TAS				m_e	
CLL	144.07		P	00:28:14.727	-0.1	27.3		3.93		TAS				m_e	
FUR	147.29		P	00:28:29.702		27.3		3.93		TAS				m_e	
GRA1	146.04		PKPab	00:28:23.991	-0.7	27.3		3.93		TAS				m_e	
GRA1	146.04		PKPbc	00:28:30.918	-0.7	27.3		3.93		TAS				m_e	
GUNZ	145.09		P	00:28:19.898	0.1	27.3		3.93		TAS				m_e	
IBBN	144.87		P	00:28:22.819		27.3		3.93		TAS				m_e	
MOX	145.11		P	00:28:18.998	-0.7	27.3		3.93		TAS				m_e	
TANN	145.00		P	00:28:18.925	-0.4	27.3		3.93		TAS				m_e	

WERD	145.03	P	00:28:19.290	-0.2	27.3	3.93	TAS	m_e
WERN	145.13	P	00:28:19.898	-0.1	27.3	3.93	TAS	m_e
WLF	147.69	P	00:28:35.710		27.3	3.93	TAS	m_e

Event 60204005 Zaire

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/04	12:44:21.20			0.8700	28.4300				33.0			21		49.45	53.68	m i ke	BGR
OrigID 60204011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	60204011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	52.71		P	12:53:33.135		157.0		7.65		TAS		16.0	0.88	m_e mb	5.0
ASSE	53.21		P	12:53:36.846		157.0		7.65		TAS		13.4	0.91	m_e mb	4.9
BFO	50.37		P	12:53:15.403		157.0		7.65		TAS		7.6	0.90	m_e mb	4.6
BRG	51.31		P	12:53:22.466		157.0		7.65		TAS		4.8	0.95	m_e mb	4.4
BUG	53.46		P	12:53:38.959	-1.9	157.0		7.65		TAS		17.2	0.89	m_e mb	5.0
CLL	51.92		P	12:53:27.405	0.5	157.0		7.65		TAS		5.8	0.79	m_e mb	4.6
CLZ	53.01		P	12:53:35.609	0.7	157.0		7.65		TAS		6.9	0.93	m_e mb	4.6
GEC2	49.45		P	12:53:08.663		157.0		7.65		TAS		12.4	0.92	m_e mb	4.9
GRA1	50.82		P	12:53:19.579		157.0		7.65		TAS		20.6	0.95	m_e mb	5.0
GTTG	52.84		P	12:53:34.677	-1.9	157.0		7.65		TAS		23.0	1.12	m_e mb	5.0
GUNZ	51.18		P	12:53:22.117		157.0		7.65		TAS		6.9	0.90	m_e mb	4.6
MOX	51.61		P	12:53:25.243		157.0		7.65		TAS		6.1	0.95	m_e mb	4.5
NEUB	52.08		P	12:53:28.307	0.5	157.0		7.65		TAS		18.6	0.79	m_e mb	5.1
NRDL	53.68		P	12:53:40.595		157.0		7.65		TAS		33.8	0.90	m_e mb	5.4
ROTZ	50.65		P	12:53:17.757		157.0		7.65		TAS		2.4	0.92	m_e mb	4.1
RUE	52.87		P	12:53:33.929		157.0		7.65		TAS				m_e	
TANN	51.20		P	12:53:22.012		157.0		7.65		TAS		6.6	0.93	m_e mb	4.6
WERD	51.27		P	12:53:22.165		157.0		7.65		TAS		8.4	0.82	m_e mb	4.7
WERN	51.10		P	12:53:21.120		157.0		7.65		TAS		8.7	1.02	m_e mb	4.6
WET	49.91		P	12:53:12.481		157.0		7.65		TAS		7.4	1.05	m_e mb	4.5
WLF	52.22		P	12:53:29.119		157.0		7.65		TAS		15.7	0.90	m_e mb	4.9

Event 60204006 Bay of Bengal

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/04	15:31:03.10			15.1610	91.6310				38.0	2.0		12		70.64	74.41	m i ke	BGR
OrigID 60204012																	

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

mb 4.8 BGR 60204012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	74.41		P	15:42:37.147		87.2		5.97		TAS		3.7	0.93	m_e	mb 4.4
BRG	70.64		P	15:42:15.438	-0.2	87.2		5.97		TAS		8.7	0.75	m_e	mb 5.0
BRG	70.64		pP	15:42:26.154	0.2					T__				m_e	
BSEG	72.79		P	15:42:27.642	0.2	87.2		5.97		TAS		19.6	0.91	m_e	mb 5.2
BSEG	72.79		pP	15:42:38.955	0.2					T__				m_e	
CLL	71.23		P	15:42:18.441	0.0	87.2		5.97		TAS		5.7	0.87	m_e	mb 4.7
CLL	71.23		pP	15:42:29.069	0.2					T__				m_e	
CLZ	72.85		P	15:42:28.288	-0.5	87.2		5.97		TAS		8.3	0.69	m_e	mb 5.0
CLZ	72.85		pP	15:42:39.030	0.2					T__				m_e	
FBE	71.01		P	15:42:17.399	-0.0	87.2		5.97		TAS		12.9	0.70	m_e	mb 5.2
FBE	71.01		pP	15:42:28.363	0.2					T__				m_e	
FLT1	72.30		P	15:42:24.948	0.2	87.2		5.97		TAS				m_e	
GEC2	70.82		P	15:42:16.486		87.2		5.97		TAS		11.4	0.84	m_e	mb 5.0
GEC2	70.82		pP	15:42:27.183	0.2					T__				m_e	
GRA1	72.42		P	15:42:25.983		87.2		5.97		TAS				m_e	
GTTG	73.12		P	15:42:29.966		87.2		5.97		TAS		10.8	0.64	m_e	mb 5.1
GTTG	73.12		pP	15:42:40.301	0.2					T__				m_e	
GUNZ	71.67		P	15:42:21.723	-0.0	87.2		5.97		TAS		15.0	1.20	m_e	mb 5.0
MOX	72.12		P	15:42:24.237	0.1	87.2		5.97		TAS		4.8	0.79	m_e	mb 4.7
MOX	72.12		pP	15:42:34.900	0.2					T__				m_e	
ROTZ	71.77		P	15:42:21.887		87.2		5.97		TAS		2.6	0.95	m_e	mb 4.3
ROTZ	71.77		pP	15:42:33.270	0.2					T__				m_e	
TANN	71.59		P	15:42:20.885	0.3	87.2		5.97		TAS		3.3	0.89	m_e	mb 4.5
TANN	71.59		pP	15:42:31.818	0.2					T__				m_e	
TNS	74.17		P	15:42:36.273	0.2	87.2		5.97		TAS		6.3	0.70	m_e	mb 4.8
UBR	73.28		P	15:42:30.346		87.2		5.97		TAS		5.4	0.80	m_e	mb 4.7
WERD	71.69		P	15:42:21.574	0.2	87.2		5.97		TAS		8.8	0.93	m_e	mb 4.9
WERD	71.69		pP	15:42:32.468	0.2					T__				m_e	
WERN	71.65		P	15:42:21.584	-0.0	87.2		5.97		TAS		3.7	0.89	m_e	mb 4.5
WERN	71.65		pP	15:42:32.236	0.2					T__				m_e	
WET	71.36		P	15:42:19.698		87.2		5.97		TAS		8.8	1.02	m_e	mb 4.8
WET	71.36		pP	15:42:30.366	0.2					T__				m_e	

Event 60204008 East of Australia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/04	22:35:10.45			-28.4900	156.1370				33.0			23		143.88	148.87	m i ke	BGR
60204014																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.27		PKPbc	22:54:56.620	-0.2	64.6		4.61		TAS				m_e	

BRG	143.88	PKPbc	22:54:36.722	0.2	64.6	4.61	TAS	m_e
BSEG	144.42	PKPbc	22:54:39.660	-0.3	64.6	4.61	TAS	m_e
CLL	144.24	PKPbc	22:54:37.922	-0.3	64.6	4.61	TAS	m_e
CLZ	145.45	PKPbc	22:54:44.288	0.2	64.6	4.61	TAS	m_e
FBE	144.20	PKPbc	22:54:37.967	-0.1	64.6	4.61	TAS	m_e
FLT1	144.75	PKPbc	22:54:40.438	-0.4	64.6	4.61	TAS	m_e
FUR	146.56	PKPbc	22:54:48.898	-0.1	64.6	4.61	TAS	m_e
GEC2	144.80	PKPbc	22:54:40.715	-0.2	64.6	4.61	TAS	m_e
GTTG	145.82	PKPbc	22:54:45.899	0.2	64.6	4.61	TAS	m_e
GUNZ	145.02	PKPbc	22:54:41.989	0.2	64.6	4.61	TAS	m_e
IBBN	146.59	PKPbc	22:54:49.432	-0.3	64.6	4.61	TAS	m_e
MOX	145.31	PKPbc	22:54:43.438	0.2	64.6	4.61	TAS	m_e
NEUB	144.98	PKPbc	22:54:41.843	0.1	64.6	4.61	TAS	m_e
NRDL	145.27	PKPbc	22:54:43.729	0.3	64.6	4.61	TAS	m_e
ROTZ	145.35	PKPbc	22:54:43.395	0.1	64.6	4.61	TAS	m_e
TANN	144.93	PKPbc	22:54:41.296	-0.1	64.6	4.61	TAS	m_e
TNS	147.31	PKPbc	22:54:52.436	0.0	64.6	4.61	TAS	m_e
UBBA	146.15	PKPbc	22:54:47.321	0.2	64.6	4.61	TAS	m_e
UBR	147.47	PKPbc	22:54:53.149	-0.1	64.6	4.61	TAS	m_e
WERN	145.03	PKPbc	22:54:41.964	0.1	64.6	4.61	TAS	m_e
WET	145.19	PKPbc	22:54:42.658	0.0	64.6	4.61	TAS	m_e
WLF	148.87	PKPbc	22:54:59.742	0.1	64.6	4.61	TAS	m_e

Event 60204009 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/04	22:41:44.16			13.8820	122.2700				74.0			17		90.52	95.54	m i ke	BGR
60204015																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	94.90		PKPbc	22:54:56.569		65.3		4.58		TAS				m_e	
BRG	90.52		PKPbc	22:54:36.632	0.1	65.3		4.58		TAS				m_e	
BSEG	91.28		PKPbc	22:54:40.170	0.4	65.3		4.58		TAS				m_e	
BUG	94.07		PKPbc	22:54:53.265	-0.1	65.3		4.58		TAS				m_e	
CLL	90.89		PKPbc	22:54:38.193	-0.7	65.3		4.58		TAS				m_e	
CLZ	92.16		PKPbc	22:54:44.061	-0.0	65.3		4.58		TAS				m_e	
FBE	90.84		PKPbc	22:54:38.060	-0.4	65.3		4.58		TAS				m_e	
FLT1	91.47		PKPbc	22:54:40.917	0.3	65.3		4.58		TAS				m_e	
GEC2	91.45		PKPbc	22:54:40.748	-0.7	65.3		4.58		TAS				m_e	
GTTG	92.52		PKPbc	22:54:45.697	-0.1	65.3		4.58		TAS				m_e	
GUNZ	91.66		PKPbc	22:54:41.717	0.1	65.3		4.58		TAS				m_e	
MOX	91.96		PKPbc	22:54:43.000	0.2	65.3		4.58		TAS				m_e	
NRDL	92.03		PKPbc	22:54:43.796	-0.0	65.3		4.58		TAS				m_e	
ROTZ	91.98		PKPbc	22:54:43.398	0.3	65.3		4.58		TAS				m_e	

TANN	91.57	PKPbc	22:54:41.558	-0.1	65.3	4.58	TAS	m_e
TNS	93.97	PKPbc	22:54:52.642	-0.1	65.3	4.58	TAS	m_e
UBR	94.12	PKPbc	22:54:52.860		65.3	4.58	TAS	m_e
WERN	91.67	PKPbc	22:54:41.850	0.2	65.3	4.58	TAS	m_e
WET	91.83	PKPbc	22:54:42.690	-0.1	65.3	4.58	TAS	m_e
WLF	95.54	PKPbc	22:55:00.156		65.3	4.58	TAS	m_e

Event 60205002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/05	01:12:52.26			-17.1410	-177.2080				33.0			16		142.82	148.57	m i ke	BGR
OrigID 60205008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.57		PKPbc	01:32:35.715		14.8		2.95		TAS					m_e
BRG	145.18		PKPbc	01:32:26.510	0.1	14.8		2.95		TAS					m_e
BSEG	142.82		PKPbc	01:32:18.608	-0.2	14.8		2.95		TAS					m_e
CLL	144.95		PKPbc	01:32:25.744	0.1	14.8		2.95		TAS					m_e
CLZ	144.86		PKPbc	01:32:26.080	0.3	14.8		2.95		TAS					m_e
FBE	145.26		PKPbc	01:32:27.205	-0.5	14.8		2.95		TAS					m_e
FLT1	144.26		PKPbc	01:32:23.564	-0.0	14.8		2.95		TAS					m_e
GEC2	147.15		PKPbc	01:32:31.918		14.8		2.95		TAS					m_e
GTTG	145.20		PKPbc	01:32:26.786	0.2	14.8		2.95		TAS					m_e
GUNZ	145.98		PKPbc	01:32:28.872		14.8		2.95		TAS					m_e
NEUB	145.28		PKPbc	01:32:26.979	0.3	14.8		2.95		TAS					m_e
NRDL	144.26		PKPbc	01:32:23.829	0.0	14.8		2.95		TAS					m_e
ROTZ	146.58		PKPbc	01:32:30.626		14.8		2.95		TAS					m_e
RUE	143.69		PKPbc	01:32:21.866	0.1	14.8		2.95		TAS					m_e
TNS	146.69		PKPbc	01:32:31.251		14.8		2.95		TAS					m_e
WLF	147.44		PKPbc	01:32:33.803		14.8		2.95		TAS					m_e

Event 60205003 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/05	05:00:38.82			13.2110	124.2940				10.0			11		92.23	96.63	m i ke	BGR
OrigID 60205009																	

Magnitude Err Nsta Author OrigID

mb	5.3		BGR	60205009													
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		

BFO	96.63	P	05:14:08.467		63.9	4.57	TAS	44.5	2.13	m_e	mb	5.7
BRG	92.23	P	05:13:48.324	-0.5	63.9	4.57	TAS	12.9	1.04	m_e	mb	5.2
CLZ	93.84	P	05:13:56.273		63.9	4.57	TAS	11.7	0.86	m_e	mb	5.2
FLT1	93.14	P	05:13:52.080	-0.1	63.9	4.57	TAS	7.9	0.77	m_e	mb	5.2
GEC2	93.20	P	05:13:52.858	0.5	63.9	4.57	TAS	12.5	1.03	m_e	mb	5.3
GRA1	94.31	P	05:13:57.896		63.9	4.57	TAS				m_e	
GUNZ	93.38	P	05:13:53.858		63.9	4.57	TAS	14.2	1.19	m_e	mb	5.3
PLN	93.42	P	05:13:53.737		63.9	4.57	TAS	29.1	1.92	m_e	mb	5.4
ROTZ	93.70	P	05:13:55.473		63.9	4.57	TAS	3.3	1.14	m_e	mb	4.6
UBBA	94.51	P	05:13:58.872		63.9	4.57	TAS	19.4	1.63	m_e	mb	5.3
UBR	95.87	P	05:14:04.954		63.9	4.57	TAS	18.6	0.95	m_e	mb	5.6

Event 60205008 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/05	13:42:12.00			-18.7700	168.2500				41.0				9	144.07	146.31	m i ke	NEIC
OrigID 60205047																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	144.93		PKPbc	14:01:44.226		39.1		3.13		TAS					m_e
BFO	146.31		PKPbc	14:01:47.419		39.1		3.13		TAS					m_e
FUR	145.22		PKPbc	14:01:44.660		39.1		3.13		TAS					m_e
GRA1	144.07		PKPbc	14:01:40.559		39.1		3.13		TAS					m_e
RJOB	144.86		PKPbc	14:01:43.156		39.1		3.13		TAS					m_e
STU	145.61		PKPbc	14:01:45.737		39.1		3.13		TAS					m_e
TNS	144.72		PKPbc	14:01:42.563		39.1		3.13		TAS					m_e
UBR	146.10		PKPbc	14:01:46.995		39.1		3.13		TAS					m_e
WLF	145.99		PKPbc	14:01:47.210		39.1		3.13		TAS					m_e

Event 60205009 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/05	14:12:20.00			-19.0900	169.0600				115.0				16	143.62	146.91	m i ke	EMSC
OrigID 60205041																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	145.50		PKPbc	14:31:46.030		38.1		3.14		TAS					m_e
BFO	146.91		PKPbc	14:31:48.608		38.1		3.14		TAS					m_e
GEC2	144.28		PKPbc	14:31:40.510		38.1		3.14		TAS					m_e

GRA1	144.69	PKPbc	14:31:42.297	38.1	3.14	TAS	m_e
GUNZ	143.71	PKPbc	14:31:38.918	38.1	3.14	TAS	m_e
MOX	143.78	PKPbc	14:31:38.845	38.1	3.14	TAS	m_e
PLN	143.69	PKPbc	14:31:38.644	38.1	3.14	TAS	m_e
RJOB	145.51	PKPbc	14:31:44.662	38.1	3.14	TAS	m_e
ROTZ	144.23	PKPbc	14:31:40.761	38.1	3.14	TAS	m_e
TANN	143.62	PKPbc	14:31:38.457	-0.2 38.1	3.14	TAS	m_e
TNS	145.30	PKPbc	14:31:44.202	38.1	3.14	TAS	m_e
UBR	146.72	PKPbc	14:31:48.172	38.1	3.14	TAS	m_e
WERD	143.66	PKPbc	14:31:38.479	-0.1 38.1	3.14	TAS	m_e
WERN	143.75	PKPbc	14:31:38.915	38.1	3.14	TAS	m_e
WET	144.42	PKPbc	14:31:41.204	38.1	3.14	TAS	m_e
WLF	146.56	PKPbc	14:31:48.359	38.1	3.14	TAS	m_e

Event 60205010 Nepal-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/05	16:20:10.01			26.7910	85.2110				33.0			28		58.08	63.19	m i ke	BGR
OrigID 60205016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	60205016
Ms	4.2		BGR	60205016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	62.45		P	16:30:29.178		83.1		6.88		TAS		19.6	0.84	m_e mb	5.4
BFO	62.01		P	16:30:25.496		83.1		6.88		TAS				m_e	
BRG	58.08		P	16:29:58.940	-0.1	83.1		6.88		TAS		12.3	0.87	m_e mb	4.9
BSEG	60.05		P	16:30:12.453	0.1	83.1		6.88		TAS		51.1	1.12	m_e mb	5.5
BUG	62.19		P	16:30:27.008		83.1		6.88		TAS		29.0	0.98	m_e mb	5.5
CLZ	60.22		P	16:30:13.783	0.2	83.1		6.88		TAS		38.6	0.78	m_e mb	5.5
FBE	58.45		P	16:30:01.743	0.3	83.1		6.88		TAS		21.0	0.99	m_e mb	5.1
FLT1	59.64		P	16:30:08.862	0.5	83.1		6.88		TAS		21.0	0.97	m_e mb	5.1
GEC2	58.41		P	16:30:01.383	0.1	83.1		6.88		TAS		7.1	1.01	m_e mb	4.6
GRA1	59.93		P	16:30:12.357	0.1	83.1		6.88		TAS		24.4	1.28	m_e mb	5.1
GRA1	59.93		L	16:58:51.615						T__		173.6	19.00	a_e Ms	4.2
GTTG	60.51		P	16:30:15.735	-0.1	83.1		6.88		TAS		16.2	0.75	m_e mb	4.9
GUNZ	59.15		P	16:30:06.475	-0.1	83.1		6.88		TAS		20.5	1.18	m_e mb	5.0
IBBN	61.77		P	16:30:24.039		83.1		6.88		TAS		22.6	0.82	m_e mb	5.4
MOX	59.57		P	16:30:09.223	0.5	83.1		6.88		TAS		11.3	0.90	m_e mb	4.9
MOX	59.57		L	16:58:34.081						T__		192.5	20.10	a_e Ms	4.2
NEUB	59.42		P	16:30:07.999	-0.7	83.1		6.88		TAS		25.9	0.74	m_e mb	5.3
NRDL	60.31		P	16:30:14.620	-0.2	83.1		6.88		TAS		41.1	0.99	m_e mb	5.4
PLN	59.24		P	16:30:07.006	-0.2	83.1		6.88		TAS		8.7	0.85	m_e mb	4.8
RJOB	59.13		P	16:30:06.072	0.1	83.1		6.88		TAS		11.6	1.28	m_e mb	4.8
ROTZ	59.29		P	16:30:07.868	-0.1	83.1		6.88		TAS		4.5	0.94	m_e mb	4.5

RUE	58.08	P	16:29:58.479	-0.4	83.1	6.88	TAS	30.8	0.67	m_e	mb	5.5
STU	61.38	P	16:30:21.989	0.3	83.1	6.88	TAS	76.2	0.93	m_e	mb	5.5
TANN	59.06	P	16:30:05.753	0.1	83.1	6.88	TAS	16.2	1.35	m_e	mb	4.9
TNS	61.64	P	16:30:23.385		83.1	6.88	TAS	20.5	0.73	m_e	mb	5.4
UBR	60.94	P	16:30:18.590	0.1	83.1	6.88	TAS	12.8	0.75	m_e	mb	4.8
WERD	59.15	P	16:30:06.309	0.5	83.1	6.88	TAS	10.3	1.01	m_e	mb	4.8
WERN	59.13	P	16:30:06.343	-0.2	83.1	6.88	TAS	8.7	1.03	m_e	mb	4.7
WET	58.92	P	16:30:05.144	-0.1	83.1	6.88	TAS	9.0	0.86	m_e	mb	4.8
WLF	63.19	P	16:30:34.516		83.1	6.88	TAS	33.6	0.86	m_e	mb	5.5

Event 60205001 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/05	19:57:26.95			22.8600	120.9400				27.4	2.7		34		81.30	87.57	m i ke	BGR
60205007																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.4		BGR	60205007
MBB	6.7		BGR	60205007
Ms	6.6		BGR	60205007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.60		P	20:10:09.037	0.3	60.6		5.05		TAS		248.5	1.41	a_e	MBB 6.5
AHRW	86.60		sP	20:10:20.156	0.2	60.7		5.06		TAS				a_e	
ASSE	83.85		P	20:09:54.937	0.1	60.6		5.05		TAS		267.7	1.55	a_e	MBB 6.7
ASSE	83.85		sP	20:10:05.790	-0.3	60.7		5.06		TAS				m_e	
BFO	87.08		P	20:10:10.587	-0.6	60.6		5.05		TAS		413.2	2.15	a_e	MBB 6.3
BFO	87.08		sP	20:10:21.706	-0.7	60.7		5.06		TAS				a_e	
BRG	82.65		P	20:09:48.587	-0.3	60.6		5.05		TAS		242.3	1.18	a_e	MBB 6.7
BRG	82.65		sP	20:09:59.756	-0.2	60.7		5.06		TAS				a_e	
BSEG	83.14		P	20:09:51.437	0.2	60.6		5.05		TAS		286.7	1.23	a_e	MBB 6.8
BSEG	83.14		sP	20:10:02.606	0.2	60.7		5.06		TAS				a_e	
BUG	86.02		P	20:10:05.837	0.0	60.6		5.05		TAS		254.0	1.10	a_e	MBB 6.6
BUG	86.02		sP	20:10:16.956	-0.1	60.7		5.06		TAS				a_e	
CLL	82.97		P	20:09:49.987	-0.5	60.6		5.05		TAS		358.1	1.02	a_e	MBB 6.8
CLL	82.97		sP	20:10:01.156	-0.5	60.7		5.06		TAS				a_e	
CLZ	84.15		P	20:09:56.887	0.5	60.6		5.05		TAS		701.7	1.27	m_e	MBB 6.9
CLZ	84.15		sP	20:10:08.006	0.4	60.7		5.06		TAS				a_e	
FBE	82.96		P	20:09:50.487	0.1	60.6		5.05		TAS		650.0	1.33	a_e	MBB 6.8
FBE	82.96		sP	20:10:01.656	0.1	60.7		5.06		TAS				a_e	
FLT1	83.45		P	20:09:52.337	-0.5	60.6		5.05		TAS		264.6	1.05	a_e	MBB 6.8
FLT1	83.45		sP	20:10:03.506	-0.5	60.7		5.06		TAS				a_e	
FUR	85.46		P	20:10:03.487	0.4	60.6		5.05		TAS		737.3	1.00	a_e	MBB 7.1
FUR	85.46		sP	20:10:14.656	0.4	60.7		5.06		TAS				a_e	
GEC2	83.72		P	20:09:54.337	0.1	60.6		5.05		TAS		325.0	1.11	a_e	MBB 6.7
GEC2	83.72		sP	20:10:05.456	0.1	60.7		5.06		TAS				a_e	

GRA1	84.74	P	20:09:59.987	0.5	60.6	5.05	TAS	599.8	1.35	a_e	MBB	6.9
GRA1	84.74	sP	20:10:11.106	0.5	60.7	5.06	TAS			a_e		
GRA1	84.74	L	20:54:03.273				T__	29222.1	18.00	a_e	Ms	6.7
GTTG	84.52	P	20:09:58.487	0.2	60.6	5.05	TAS	359.9	0.98	a_e	MBB	6.8
GTTG	84.52	sP	20:10:09.606	0.1	60.7	5.06	TAS			a_e		
GUNZ	83.79	P	20:09:54.687	0.1	60.6	5.05	TAS	518.2	1.51	a_e	MBB	6.6
GUNZ	83.79	sP	20:10:05.806	0.0	60.7	5.06	TAS			a_e		
IBBN	85.30	P	20:10:02.237	0.1	60.6	5.05	TAS	356.4	0.99	a_e	MBB	6.9
IBBN	85.30	sP	20:10:13.356	-0.0	60.7	5.06	TAS			a_e		
MOX	84.06	P	20:09:56.037	0.1	60.6	5.05	TAS	287.0	1.33	a_e	MBB	6.7
MOX	84.06	sP	20:10:07.156	0.0	60.7	5.06	TAS			a_e		
MOX	84.06	L	20:51:24.292				T__	22678.5	19.20	a_e	Ms	6.6
NEUB	83.71	P	20:09:54.087	-0.1	60.6	5.05	TAS	498.9	1.03	a_e	MBB	6.9
NEUB	83.71	sP	20:10:05.206	-0.1	60.7	5.06	TAS			a_e		
NRDL	83.97	P	20:09:55.987	0.5	60.6	5.05	TAS	420.8	1.28	a_e	MBB	6.8
NRDL	83.97	sP	20:10:07.106	0.5	60.7	5.06	TAS			a_e		
PLN	83.83	P	20:09:54.787	-0.0	60.6	5.05	TAS	219.5	1.22	a_e	MBB	6.8
PLN	83.83	sP	20:10:05.906	-0.1	60.7	5.06	TAS			a_e		
RETH	84.24	P	20:09:56.987	0.2	60.6	5.05	TAS	306.0	1.09	a_e	MBB	6.7
RETH	84.24	sP	20:10:08.106	0.1	60.7	5.06	TAS			m_e		
RGN	81.30	P	20:09:41.837	-0.1	60.6	5.05	TAS	593.2	1.26	a_e	MBB	6.8
RGN	81.30	sP	20:09:52.956	-0.1	60.7	5.06	TAS			a_e		
RJOB	84.77	P	20:10:00.537	0.9	60.6	5.05	TAS	358.5	0.95	a_e	MBB	6.8
RJOB	84.77	sP	20:10:10.806	0.1	60.7	5.06	TAS			a_e		
ROTZ	84.15	P	20:09:56.787	0.3	60.6	5.05	TAS	95.4	1.08	a_e	MBB	6.2
ROTZ	84.15	sP	20:10:07.906	0.3	60.7	5.06	TAS			a_e		
RUE	82.00	P	20:09:45.387	-0.2	60.6	5.05	TAS	507.3	1.02	a_e	MBB	6.9
RUE	82.00	sP	20:09:56.556	-0.2	60.7	5.06	TAS			a_e		
STU	86.36	P	20:10:07.337	-0.2	60.6	5.05	TAS	325.4	1.09	a_e	MBB	6.9
STU	86.36	sP	20:10:18.406	-0.4	60.7	5.06	TAS			a_e		
TANN	83.69	P	20:09:54.137	-0.0	60.6	5.05	TAS	368.9	1.68	a_e	MBB	6.7
TANN	83.69	sP	20:10:05.256	-0.0	60.7	5.06	TAS			a_e		
TNS	86.02	P	20:10:04.937	-0.9	60.6	5.05	TAS	293.5	1.66	a_e	MBB	6.5
TNS	86.02	sP	20:10:17.206	0.1	60.7	5.06	TAS			a_e		
UBBA	84.87	P	20:10:00.137	0.1	60.6	5.05	TAS	332.5	1.43	a_e	MBB	6.6
UBBA	84.87	sP	20:10:11.306	0.1	60.7	5.06	TAS			a_e		
UBR	86.39	P	20:10:07.487	-0.2	60.6	5.05	TAS	620.8	1.69	a_e	MBB	6.6
UBR	86.39	sP	20:10:18.606	-0.3	60.7	5.06	TAS			a_e		
WERD	83.77	P	20:09:54.437	-0.1	60.6	5.05	TAS	377.3	1.53	a_e	MBB	6.6
WERD	83.77	sP	20:10:05.556	-0.1	60.7	5.06	TAS			a_e		
WERN	83.80	P	20:09:54.787	0.1	60.6	5.05	TAS	295.2	1.12	a_e	MBB	6.6
WERN	83.80	sP	20:10:05.906	0.1	60.7	5.06	TAS			a_e		
WET	84.06	P	20:09:55.187	-0.8	60.6	5.05	TAS	414.4	1.53	a_e	MBB	6.7
WET	84.06	sP	20:10:07.456	0.3	60.7	5.06	TAS			a_e		
WLF	87.57	P	20:10:13.837	0.1	60.6	5.05	TAS	498.3	1.75	m_e	MBB	6.7
WLF	87.57	sP	20:10:25.006	0.1	60.7	5.06	TAS			a_e		

Event 60206001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/06	01:39:18.99			-18.1220	175.5110				33.0				11	145.10	148.19	m i ke	BGR
OrigID 60206007																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.1		BGR	60206007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.11		PKPbc	01:59:00.972		27.4		3.21		TAS					m_e
FUR	147.40		PKPbc	01:58:59.117		27.4		3.21		TAS					m_e
GEC2	145.99		PKPbc	01:58:54.198		27.4		3.21		TAS					m_e
GRA1	146.06		PKPbc	01:58:54.849		27.4		3.21		TAS					m_e
GRA1	146.06		L	03:05:42.980						T__		248.4	19.70	a_e Ms	5.0
MOX	145.10		L	02:59:55.052						T__		393.3	21.80	a_e Ms	5.1
RJOB	147.25		PKPbc	01:58:58.427		27.4		3.21		TAS					m_e
ROTZ	145.69		PKPbc	01:58:53.420		27.4		3.21		TAS					m_e
STU	147.47		PKPbc	01:58:59.464		27.4		3.21		TAS					m_e
TNS	146.34		PKPbc	01:58:55.116		27.4		3.21		TAS					m_e
UBR	148.19		PKPbc	01:59:01.196		27.4		3.21		TAS					m_e
WET	146.02		PKPbc	01:58:54.565		27.4		3.21		TAS					m_e
WLF	147.39		PKPbc	01:58:59.323		27.4		3.21		TAS					m_e

Event 60206003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/06	04:51:35.50			-17.2000	174.8700				10.0				7	144.62	147.12	m i ke	EMSC
OrigID 60206035																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.06		PKPbc	05:11:19.853		28.0		2.78		TAS					m_e
FUR	146.32		PKPbc	05:11:18.005		28.0		2.78		TAS					m_e
GRA1	145.00		PKPbc	05:11:13.754		28.0		2.78		TAS					m_e
ROTZ	144.62		PKPbc	05:11:13.574		28.0		2.78		TAS					m_e
UBR	147.12		PKPbc	05:11:19.886		28.0		2.78		TAS					m_e
WET	144.94		PKPbc	05:11:13.381		28.0		2.78		TAS					m_e
WLF	146.35		PKPbc	05:11:18.284		28.0		2.78		TAS					m_e

Event 60207001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/07	02:03:39.20			-15.9120	-173.5360				51.7			15		145.11	148.18	m i k e	BGR
OrigID 60207007																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.5		BGR	60207007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	145.46		PKPbc	02:23:10.323		8.2		3.14		TAS					m_e
AHRW	145.46		pPKPbc	02:23:24.893		6.6		3.24		TAS					m_e
BFO	147.64		PKPbc	02:23:16.717		8.2		3.14		TAS					m_e
BFO	147.64		pPKPbc	02:23:31.992		6.6		3.24		TAS					m_e
FUR	147.60		PKPbc	02:23:16.703		8.2		3.14		TAS					m_e
FUR	147.60		pPKPbc	02:23:32.471		6.6		3.24		TAS					m_e
GEC2	146.63		PKPbc	02:23:13.871		8.2		3.14		TAS					m_e
GEC2	146.63		pPKPbc	02:23:29.115		6.6		3.24		TAS					m_e
GRA1	146.09		PKPbc	02:23:12.292		8.2		3.14		TAS					m_e
GRA1	146.09		pPKPbc	02:23:27.777		6.6		3.24		TAS					m_e
GRA1	146.09		L	03:26:30.595						T__		728.8	22.00	a_e Ms	5.4
MOX	145.11		L	03:30:31.122						T__		852.9	21.20	a_e Ms	5.5
PLN	145.21		PKPbc	02:23:09.105		8.2		3.14		TAS					m_e
PLN	145.21		pPKPbc	02:23:24.302		6.6		3.24		TAS					m_e
RJOB	147.84		PKPbc	02:23:17.424		8.2		3.14		TAS					m_e
RJOB	147.84		pPKPbc	02:23:32.918		6.6		3.24		TAS					m_e
ROTZ	145.91		PKPbc	02:23:11.581		8.2		3.14		TAS					m_e
ROTZ	145.91		pPKPbc	02:23:27.046		6.6		3.24		TAS					m_e
STU	147.16		PKPbc	02:23:15.596		8.2		3.14		TAS					m_e
STU	147.16		pPKPbc	02:23:31.169		6.6		3.24		TAS					m_e
TANN	145.25		PKPbc	02:23:08.484		8.2		3.14		TAS					m_e
TANN	145.25		pPKPbc	02:23:24.088		6.6		3.24		TAS					m_e
TNS	145.74		PKPbc	02:23:10.465		8.2		3.14		TAS					m_e
TNS	145.74		pPKPbc	02:23:26.084		6.6		3.24		TAS					m_e
UBR	148.18		PKPbc	02:23:17.952		8.2		3.14		TAS					m_e
UBR	148.18		pPKPbc	02:23:33.627		6.6		3.24		TAS					m_e
WERN	145.38		PKPbc	02:23:09.855		8.2		3.14		TAS					m_e
WERN	145.38		pPKPbc	02:23:25.275		6.6		3.24		TAS					m_e
WET	146.44		PKPbc	02:23:13.186		8.2		3.14		TAS					m_e
WET	146.44		pPKPbc	02:23:28.952		6.6		3.24		TAS					m_e
WLF	146.34		PKPbc	02:23:13.340		8.2		3.14		TAS					m_e
WLF	146.34		pPKPbc	02:23:28.527		6.6		3.24		TAS					m_e

Event 60207005 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/07	14:04:24.79			-18.4320	-173.8330				33.0			13		144.42	150.65	m i k e	BGR
OrigID																	

60207011

Magnitude	Err	Nsta	Author	OrigID													
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
BRG	147.04		PKPbc	14:24:03.105		9.2		2.73		TAS					m_e		
BSEG	144.42		PKPbc	14:23:55.795	0.0	9.2		2.73		TAS					m_e		
CLL	146.75		PKPbc	14:24:02.309	0.4	9.2		2.73		TAS					m_e		
FBE	147.08		PKPbc	14:24:03.595		9.2		2.73		TAS					m_e		
FLT1	145.94		PKPbc	14:24:00.034	0.2	9.2		2.73		TAS					m_e		
GEC2	149.05		PKPbc	14:24:08.310		9.2		2.73		TAS					m_e		
GRA1	148.55		PKPbc	14:24:07.760		9.2		2.73		TAS					m_e		
GUNZ	147.76		PKPbc	14:24:05.513		9.2		2.73		TAS					m_e		
IBBN	146.17		PKPbc	14:24:01.089	0.2	9.2		2.73		TAS					m_e		
NEUB	147.01		PKPbc	14:24:03.311		9.2		2.73		TAS					m_e		
ROTZ	148.37		PKPbc	14:24:07.060		9.2		2.73		TAS					m_e		
TANN	147.70		PKPbc	14:24:05.241		9.2		2.73		TAS					m_e		
UBR	150.65		PKPbc	14:24:12.695		9.2		2.73		TAS					m_e		

Event 60207006 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2016/02/07	18:22:45.00			-20.4500	-178.3500				505.0			9		145.92	151.32	m i ke	NEIC
60207045																	

Magnitude	Err	Nsta	Author	OrigID													
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
BRG	148.13		PKPbc	18:41:33.134		16.6		2.58		TAS					m_e		
BRG	148.13		PKPab	18:41:37.915		17.8		4.26		TAS					m_e		
BSEG	145.92		PKPbc	18:41:27.126	-0.1	16.6		2.58		TAS					m_e		
CLL	147.94		PKPbc	18:41:32.501	0.2	16.6		2.58		TAS					m_e		
CLL	147.94		PKPab	18:41:36.935		17.8		4.26		TAS					m_e		
CLZ	147.94		PKPbc	18:41:32.717	0.0	16.6		2.58		TAS					m_e		
FBE	148.22		PKPbc	18:41:33.643		16.6		2.58		TAS					m_e		
FBE	148.22		PKPab	18:41:38.393		17.8		4.26		TAS					m_e		
FLT1	147.32		PKPbc	18:41:30.571	0.1	16.6		2.58		TAS					m_e		
GEC2	150.06		PKPbc	18:41:37.653		16.6		2.58		TAS					m_e		
GUNZ	148.97		PKPbc	18:41:35.376		16.6		2.58		TAS					m_e		
GUNZ	148.97		PKPab	18:41:41.577		17.8		4.26		TAS					m_e		
MOX	148.86		PKPbc	18:41:34.638		16.6		2.58		TAS					m_e		
NEUB	148.30		PKPab	18:41:38.404		17.8		4.26		TAS					m_e		
NRDL	147.35		PKPbc	18:41:30.703	0.3	16.6		2.58		TAS					m_e		
PLN	148.89		PKPbc	18:41:34.926		16.6		2.58		TAS					m_e		
RJOB	151.32		PKPab	18:41:51.562		17.8		4.26		TAS					m_e		
RUE	146.67		PKPbc	18:41:29.111	0.0	16.6		2.58		TAS					m_e		

TANN	148.90	PKPbc	18:41:35.036	16.6	2.58	TAS	m_e
TANN	148.90	PKPab	18:41:40.976	17.8	4.26	TAS	m_e
WERD	148.90	PKPbc	18:41:35.106	16.6	2.58	TAS	m_e
WERN	149.03	PKPab	18:41:42.045	17.8	4.26	TAS	m_e
WET	149.99	PKPab	18:41:45.858	17.8	4.26	TAS	m_e

Event 60208001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/08	00:19:33.40			-19.5000	-173.0400				40.0			7		145.53	150.04	m i ke	EMSC
OrigID 60208033																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	148.21		PKPbc	00:39:19.498		355.2		2.63		TAS					m_e
BSEG	145.53		PKPbc	00:39:09.580	0.7	355.2		2.63		TAS					m_e
CLL	147.90		PKPbc	00:39:16.663		355.2		2.63		TAS					m_e
CLZ	147.61		PKPbc	00:39:16.201		355.2		2.63		TAS					m_e
FLT1	147.06		PKPbc	00:39:14.109	-0.9	355.2		2.63		TAS					m_e
GRA1	149.69		PKPbc	00:39:21.646		355.2		2.63		TAS					m_e
WET	150.04		PKPbc	00:39:21.997		355.2		2.63		TAS					m_e

Event 60208004 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/08	12:05:52.69			-19.8780	168.5970				39.3	0.4		9		144.23	147.45	m i ke	BGR
OrigID 60208010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.08		PKPbc	12:25:27.427		39.3		3.17		TAS					m_e
BFO	147.45		PKPbc	12:25:31.401		39.3		3.17		TAS					m_e
BFO	147.45		pPKPbc	12:25:43.208						T__					m_e
GRA1	145.20		PKPbc	12:25:25.048		39.3		3.17		TAS					m_e
GRA1	145.20		pPKPbc	12:25:36.714						T__					m_e
GUNZ	144.23		PKPbc	12:25:21.538		39.3		3.17		TAS					m_e
KAST	145.06		PKPbc	12:25:23.911		39.3		3.17		TAS					m_e
MANZ	144.61		PKPbc	12:25:22.685		39.3		3.17		TAS					m_e
MOX	144.31		PKPbc	12:25:21.499		39.3		3.17		TAS					m_e
RJOB	145.98		PKPbc	12:25:27.342		39.3		3.17		TAS					m_e
RJOB	145.98		pPKPbc	12:25:39.205						T__					m_e

ROTZ	144.74	PKPbc	12:25:23.325	39.3	3.17	TAS	m_e
TNS	145.86	PKPbc	12:25:26.990	39.3	3.17	TAS	m_e
UBR	147.23	PKPbc	12:25:30.863	39.3	3.17	TAS	m_e
WLF	147.14	PKPbc	12:25:31.229	39.3	3.17	TAS	m_e

Event 60208005 Sicily, Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/08	15:35:43.40			36.9800	14.8700				4.0					12.98	12.98	m i ke	INGV
OrigID 60208095																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	12.98		Pn	15:38:55.640		166.9		12.59		TAS					m_e

Event 60208007 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/08	16:19:13.10			-6.6200	154.7100				32.0				36	124.22	129.63	m i ke	NEIC
OrigID 60208046																	

Magnitude Err Nsta Author OrigID

Ms	6.4		BGR	60208013
----	-----	--	-----	----------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	128.58		PKPdf	16:38:16.997	0.1	49.0		1.91		TAS					m_e
ASSE	125.86		PKPdf	16:38:11.702	0.0	49.0		1.91		TAS					m_e
BFO	129.59		PKPdf	16:38:18.380	0.6	49.0		1.91		TAS					m_e
BRG	125.18		PKPdf	16:38:10.305	-0.1	49.0		1.91		TAS					m_e
BSEG	124.75		PKPdf	16:38:09.643	0.0	49.0		1.91		TAS					m_e
BUG	127.83		PKPdf	16:38:15.371	-0.0	49.0		1.91		TAS					m_e
CLL	125.35		PKPdf	16:38:10.553	0.3	49.0		1.91		TAS					m_e
CLZ	126.20		PKPdf	16:38:12.717	-0.2	49.0		1.91		TAS					m_e
FBE	125.43		PKPdf	16:38:11.075	-0.2	49.0		1.91		TAS					m_e
FLT1	125.47		PKPdf	16:38:10.809	-0.3	49.0		1.91		TAS					m_e
FUR	128.26		PKPdf	16:38:16.003	0.0	49.0		1.91		TAS					m_e
GEC2	126.59		PKPdf	16:38:13.059	0.2	49.0		1.91		TAS					m_e
GRA1	127.27		PKPdf	16:38:14.411	0.1	49.0		1.91		TAS					m_e
GRA1	127.27		L	17:39:41.359						T_		6727.7	20.30	a_e Ms	6.3
GTTG	126.58		PKPdf	16:38:13.218	0.1	49.0		1.91		TAS					m_e
GUNZ	126.29		PKPdf	16:38:12.528	0.0	49.0		1.91		TAS					m_e
HLG	125.55		PKPdf	16:38:11.159	0.0	49.0		1.91		TAS					m_e

IBBN	126.99	PKPdf	16:38:13.861	-0.1	49.0	1.91	TAS	m_e										
KAST	127.51	PKPdf	16:38:15.057	-0.5	49.0	1.91	TAS	m_e										
MANZ	126.65	PKPdf	16:38:13.342	-0.1	49.0	1.91	TAS	m_e										
MOX	126.45	PKPdf	16:38:12.586	0.1	49.0	1.91	TAS	m_e										
MOX	126.45	L	17:36:33.134				T__			10725.5	21.60	a_e	Ms			6.5		
NEUB	126.00	PKPdf	16:38:11.856	0.1	49.0	1.91	TAS	m_e										
NRDL	125.86	PKPdf	16:38:11.781	-0.0	49.0	1.91	TAS	m_e										
PLN	126.29	PKPdf	16:38:12.453	0.2	49.0	1.91	TAS	m_e										
RETH	126.00	PKPdf	16:38:12.132	-0.1	49.0	1.91	TAS	m_e										
RJOB	127.76	PKPdf	16:38:14.734	-0.2	49.0	1.91	TAS	m_e										
ROTZ	126.75	PKPdf	16:38:13.239	0.2	49.0	1.91	TAS	m_e										
RUE	124.22	PKPdf	16:38:08.548	-0.1	49.0	1.91	TAS	m_e										
STU	128.88	PKPdf	16:38:17.454	-0.1	49.0	1.91	TAS	m_e										
TANN	126.20	PKPdf	16:38:12.320	0.3	49.0	1.91	TAS	m_e										
TNS	128.20	PKPdf	16:38:16.149	-0.2	49.0	1.91	TAS	m_e										
UBBA	127.08	PKPdf	16:38:13.931	0.1	49.0	1.91	TAS	m_e										
UBR	129.17	PKPdf	16:38:17.849	-0.4	49.0	1.91	TAS	m_e										
WERD	126.25	PKPdf	16:38:12.133	0.1	49.0	1.91	TAS	m_e										
WERN	126.32	PKPdf	16:38:12.678	-0.2	49.0	1.91	TAS	m_e										
WET	126.82	PKPdf	16:38:13.642	-0.2	49.0	1.91	TAS	m_e										
WLF	129.63	PKPdf	16:38:19.549		49.0	1.91	TAS	m_e										

Event 60208008 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/08	20:59:34.91			-18.7570	-170.9520				33.0			19		144.88	150.61	m i ke	BGR
OrigID 60208014																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.67		PKPbc	21:19:13.321	0.0	4.0		2.67		TAS					m_e
BFO	150.50		PKPbc	21:19:23.131		4.0		2.67		TAS					m_e
BRG	147.72		PKPbc	21:19:15.796	-0.1	4.0		2.67		TAS					m_e
BSEG	144.88		PKPbc	21:19:07.762	-0.1	4.0		2.67		TAS					m_e
CLL	147.37		PKPbc	21:19:14.783	0.1	4.0		2.67		TAS					m_e
CLZ	146.97		PKPbc	21:19:14.374	0.2	4.0		2.67		TAS					m_e
FBE	147.73		PKPbc	21:19:16.086	-0.1	4.0		2.67		TAS					m_e
FLT1	146.45		PKPbc	21:19:12.372	-0.1	4.0		2.67		TAS					m_e
FUR	150.61		PKPbc	21:19:23.268		4.0		2.67		TAS					m_e
GRA1	149.09		PKPbc	21:19:19.343		4.0		2.67		TAS					m_e
GRA1	149.09		PKPab	21:19:25.351						T__					m_e
MANZ	148.75		PKPbc	21:19:18.622		4.0		2.67		TAS					m_e
MOX	148.12		PKPbc	21:19:16.892	-0.2	4.0		2.67		TAS					m_e
PLN	148.25		PKPbc	21:19:17.393		4.0		2.67		TAS					m_e
ROTZ	148.96		PKPbc	21:19:18.983		4.0		2.67		TAS					m_e

RUE	146.15	PKPbc	21:19:11.357	0.3	4.0	2.67	TAS	m_e
STU	150.06	PKPbc	21:19:22.009		4.0	2.67	TAS	m_e
TANN	148.30	PKPbc	21:19:17.500		4.0	2.67	TAS	m_e
TNS	148.60	PKPbc	21:19:18.418		4.0	2.67	TAS	m_e
WERN	148.43	PKPbc	21:19:18.031		4.0	2.67	TAS	m_e

Event 60208009 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2016/02/08	23:03:23.93			27.3520	-43.3610				23.9	2.5		30		43.73	48.95	m i ke	BGR
60208015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	60208015
Ms	4.8		BGR	60208015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	44.49		P	23:11:33.469	0.4	262.5		7.82		TAS		135.9	1.56	m_e mb	5.4
AHRW	44.49		pP	23:11:39.996	0.5	263.2		7.80		TAS				m_e	
ASSE	47.01		pP	23:11:59.017	-0.4	263.2		7.80		TAS				m_e	
BFO	44.90		P	23:11:36.410	0.1	262.5		7.82		TAS		170.9	1.48	m_e mb	5.8
BFO	44.90		pP	23:11:42.818	-0.1	263.2		7.80		TAS				m_e	
BRG	48.85		P	23:12:07.132		262.5		7.82		TAS		83.9	1.87	m_e mb	5.5
BRG	48.85		pP	23:12:13.380		263.2		7.80		TAS				m_e	
BSEG	47.15		P	23:11:53.400	-0.1	262.5		7.82		TAS		137.5	1.11	m_e mb	6.0
BUG	44.80		P	23:11:35.049	-0.2	262.5		7.82		TAS		104.8	1.65	m_e mb	5.5
BUG	44.80		pP	23:11:41.488	-0.1	263.2		7.80		TAS				m_e	
CLL	48.32		P	23:12:02.727		262.5		7.82		TAS		41.1	1.34	m_e mb	5.4
CLL	48.32		pP	23:12:09.117		263.2		7.80		TAS				m_e	
CLZ	46.78		P	23:11:51.011	0.0	262.5		7.82		TAS		72.0	1.44	m_e mb	5.6
CLZ	46.78		pP	23:11:57.302	-0.1	263.2		7.80		TAS				m_e	
FBE	48.49		P	23:12:04.300		262.5		7.82		TAS		38.8	1.24	m_e mb	5.4
FBE	48.49		pP	23:12:10.630		263.2		7.80		TAS				m_e	
FLT1	47.39		P	23:11:55.248	-0.5	262.5		7.82		TAS		94.6	1.58	m_e mb	5.7
FLT1	47.39		pP	23:12:01.501	0.4	263.2		7.80		TAS				m_e	
GEC2	48.50		P	23:12:04.559		262.5		7.82		TAS		62.7	1.36	m_e mb	5.5
GEC2	48.50		pP	23:12:10.901		263.2		7.80		TAS				m_e	
GRA1	46.98		P	23:11:52.635	-0.2	262.5		7.82		TAS		199.1	1.83	m_e mb	5.9
GRA1	46.98		pP	23:11:59.082	-0.2	263.2		7.80		TAS				m_e	
GRA1	46.98		sP	23:12:02.950						T__				m_e	
GRA1	46.98		L	23:27:31.609						T__		732.2	21.60	a_e Ms	4.6
GTTG	46.47		P	23:11:48.597	0.5	262.5		7.82		TAS		109.6	1.66	m_e mb	5.6
GTTG	46.47		pP	23:11:55.088	0.3	263.2		7.80		TAS				m_e	
IBBN	45.29		P	23:11:38.811	-0.0	262.5		7.82		TAS		140.3	1.46	m_e mb	5.7
IBBN	45.29		pP	23:11:45.252	0.2	263.2		7.80		TAS				m_e	
KAST	45.46		P	23:11:40.105	-0.4	262.5		7.82		TAS		42.2	1.44	m_e mb	5.2

Station	Mag	Type	Time	Res	Lat	Long	Mag	Def	SNR	Amp	Per	Qual	Magnitude
KAST	45.46	pP	23:11:46.838	0.0	263.2		7.80	TAS				m_e	
MANZ	47.58	P	23:11:57.300	0.1	262.5		7.82	TAS	30.3	1.57	m_e	mb	5.2
MOX	47.36	P	23:11:55.365	-0.2	262.5		7.82	TAS	156.0	2.22	m_e	mb	5.7
MOX	47.36	L	23:27:25.289					T__	1272.4	18.80	a_e	Ms	4.9
NEUB	47.53	pP	23:12:02.970	-0.1	263.2		7.80	TAS				m_e	
NRDL	46.74	P	23:11:50.723	0.3	262.5		7.82	TAS	79.4	1.24	m_e	mb	5.7
PLN	47.68	P	23:11:57.905	-0.1	262.5		7.82	TAS	98.2	1.86	m_e	mb	5.6
PLN	47.68	pP	23:12:04.202	-0.2	263.2		7.80	TAS				m_e	
RETH	46.34	P	23:11:47.207	-0.3	262.5		7.82	TAS	149.2	1.62	m_e	mb	5.8
RJOB	47.81	P	23:11:59.389	-0.0	262.5		7.82	TAS	367.3	2.49	m_e	mb	6.1
RJOB	47.81	pP	23:12:05.941		263.2		7.80	TAS				m_e	
ROTZ	47.62	P	23:11:57.151	0.5	262.5		7.82	TAS	14.9	1.70	m_e	mb	4.8
ROTZ	47.62	pP	23:12:03.714	-0.1	263.2		7.80	TAS				m_e	
RUE	48.95	P	23:12:07.606		262.5		7.82	TAS	70.3	1.34	m_e	mb	5.5
RUE	48.95	pP	23:12:13.682		263.2		7.80	TAS				m_e	
STU	45.53	P	23:11:41.074	-0.2	262.5		7.82	TAS	197.6	1.25	m_e	mb	6.0
STU	45.53	pP	23:11:47.392	-0.5	263.2		7.80	TAS				m_e	
TNS	45.29	P	23:11:39.554	0.2	262.5		7.82	TAS	149.8	1.56	m_e	mb	5.7
TNS	45.29	pP	23:11:46.052	0.3	263.2		7.80	TAS				m_e	
UBBA	46.37	P	23:11:47.482	0.2	262.5		7.82	TAS	87.1	1.71	m_e	mb	5.5
UBBA	46.37	pP	23:11:53.945	0.3	263.2		7.80	TAS				m_e	
UBR	46.00	P	23:11:45.562	0.2	262.5		7.82	TAS	93.9	1.34	m_e	mb	5.6
UBR	46.00	pP	23:11:51.949	-0.2	263.2		7.80	TAS				m_e	
WERD	47.77	P	23:11:58.358	-0.2	262.5		7.82	TAS	127.1	2.14	m_e	mb	5.7
WERN	47.79	P	23:11:59.119	0.1	262.5		7.82	TAS	168.0	2.05	m_e	mb	5.8
WERN	47.79	pP	23:12:05.636		263.2		7.80	TAS				m_e	
WET	47.99	P	23:12:00.405		262.5		7.82	TAS	33.2	1.45	m_e	mb	5.3
WET	47.99	pP	23:12:06.885		263.2		7.80	TAS				m_e	
WLF	43.73	P	23:11:26.517	-0.7	262.5		7.82	TAS	96.1	1.32	m_e	mb	5.4
WLF	43.73	pP	23:11:32.797	-0.9	263.2		7.80	TAS				m_e	

Event 60208010 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/08	23:26:40.47			26.8420	-43.1280				10.0			7		45.09	48.69	m i ke	BGR
60208016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	60208016
Ms	4.5		BGR	60208016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	45.09		P	23:34:56.350	-0.6	261.8		7.81		TAS		46.5	1.41	m_e	mb	5.2
BSEG	47.40		P	23:35:13.478		261.8		7.81		TAS	107.2	1.52	m_e	mb	5.7	
GEC2	48.69		P	23:35:24.625		261.8		7.81		TAS	64.2	1.69	m_e	mb	5.4	
GRA1	47.18		P	23:35:12.635		261.8		7.81		TAS	81.4	1.79	m_e	mb	5.6	

GRA1	47.18	L	23:50:39.309			T__	629.4	20.70	a_e	Ms	4.6
MOX	47.57	P	23:35:15.068	261.8	7.81	TAS	49.1	1.76	m_e	mb	5.3
MOX	47.57	L	23:51:07.033			T__	594.6	21.40	a_e	Ms	4.5
WERN	48.00	P	23:35:19.040	261.8	7.81	TAS	57.0	1.72	m_e	mb	5.4
WET	48.18	P	23:35:20.543	261.8	7.81	TAS	77.2	2.05	m_e	mb	5.5

Event 60209003 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/09	07:19:28.17			27.2570	-43.3550				10.0			32		43.79	49.01	m i ke	BGR
OrigID 60209009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	60209009
Ms	4.6		BGR	60209009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	44.55	P		07:27:39.906	0.2	262.4		7.82		TAS		64.4	1.25	m_e	mb	5.4
ASSE	47.08	P		07:27:59.667	-0.0	262.4		7.82		TAS		122.4	2.05	m_e	mb	5.7
BFO	44.96	P		07:27:42.809	0.1	262.4		7.82		TAS		70.3	1.43	m_e	mb	5.4
BRG	48.92	P		07:28:13.622		262.4		7.82		TAS		118.1	2.26	m_e	mb	5.5
BSEG	47.22	P		07:27:59.966	0.1	262.4		7.82		TAS		88.2	1.18	m_e	mb	5.8
CLL	48.38	P		07:28:09.197	-0.3	262.4		7.82		TAS		150.5	2.22	m_e	mb	5.7
CLZ	46.84	P		07:27:57.398	0.5	262.4		7.82		TAS		61.8	1.85	m_e	mb	5.4
FBE	48.55	P		07:28:10.934		262.4		7.82		TAS		111.8	1.92	m_e	mb	5.6
FLT1	47.45	P		07:28:01.696	-0.3	262.4		7.82		TAS		160.0	2.18	m_e	mb	5.8
GEC2	48.56	P		07:28:11.184		262.4		7.82		TAS		131.3	2.03	m_e	mb	5.6
GRA1	47.04	P		07:27:59.231	-0.3	262.4		7.82		TAS		86.4	1.71	m_e	mb	5.6
GRA1	47.04	L		07:44:17.910						T__		594.1	19.10	a_e	Ms	4.6
GTTG	46.54	P		07:27:54.998	0.0	262.4		7.82		TAS		43.1	1.47	m_e	mb	5.4
GUNZ	47.84	P		07:28:05.408	0.0	262.4		7.82		TAS		99.7	2.23	m_e	mb	5.6
IBBN	45.35	P		07:27:45.358	-0.5	262.4		7.82		TAS		426.6	2.76	m_e	mb	5.9
MANZ	47.65	P		07:28:04.088	-0.0	262.4		7.82		TAS		28.0	1.90	m_e	mb	5.1
MOX	47.42	P		07:28:01.820	-0.3	262.4		7.82		TAS		81.4	1.99	m_e	mb	5.5
MOX	47.42	L		07:44:11.987						T__		699.3	21.80	a_e	Ms	4.6
NEUB	47.60	P		07:28:03.448	-0.1	262.4		7.82		TAS		211.1	2.39	m_e	mb	5.8
NRDL	46.80	P		07:27:57.248	0.6	262.4		7.82		TAS		65.2	1.37	m_e	mb	5.6
PLN	47.74	P		07:28:04.371	0.6	262.4		7.82		TAS		90.0	2.30	m_e	mb	5.5
RETH	46.41	P		07:27:53.999	0.4	262.4		7.82		TAS		229.2	2.51	m_e	mb	5.8
RJOB	47.87	P		07:28:06.024	-0.0	262.4		7.82		TAS		104.3	2.22	m_e	mb	5.6
ROTZ	47.68	P		07:28:03.980	0.0	262.4		7.82		TAS		21.3	2.02	m_e	mb	4.9
RUE	49.01	P		07:28:14.005		262.4		7.82		TAS		225.8	2.19	m_e	mb	5.8
STU	45.59	P		07:27:47.352	0.4	262.4		7.82		TAS		144.5	1.39	m_e	mb	5.8
TANN	47.92	P		07:28:06.035	0.1	262.4		7.82		TAS		176.2	2.45	m_e	mb	5.8
TNS	45.35	P		07:27:46.063	-0.1	262.4		7.82		TAS		132.6	2.04	m_e	mb	5.5
UBBA	46.43	P		07:27:54.306	0.0	262.4		7.82		TAS		128.6	2.27	m_e	mb	5.6

UBR	46.06	P	07:27:52.087	-0.1	262.4	7.82	TAS	92.3	1.79	m_e	mb	5.5
WERD	47.83	P	07:28:05.226	-0.1	262.4	7.82	TAS	164.4	2.32	m_e	mb	5.7
WERN	47.85	P	07:28:05.569	-0.4	262.4	7.82	TAS	144.1	2.04	m_e	mb	5.8
WET	48.05	P	07:28:07.087	-0.2	262.4	7.82	TAS	70.6	1.85	m_e	mb	5.5
WLF	43.79	P	07:27:33.100	-0.7	262.4	7.82	TAS	193.2	2.05	m_e	mb	5.5

Event 60209004 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/09	12:12:08.76			51.7120	178.0500				33.0			28		74.23	80.45	m i ke	BGR
OrigID 60209010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	60209010
Ms	4.8		BGR	60209010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.84	P		12:24:00.947	0.2	8.3		5.55		TAS		45.2	1.28	m_e	mb	5.4
ASSE	75.99	P		12:23:50.518	-0.5	8.3		5.55		TAS		24.3	1.20	m_e	mb	5.2
BFO	79.95	P		12:24:12.237		8.3		5.55		TAS		11.7	0.76	m_e	mb	4.9
BRG	76.91	P		12:23:55.536	0.0	8.3		5.55		TAS		10.5	0.91	m_e	mb	5.0
BSEG	74.23	P		12:23:40.890	-0.2	8.3		5.55		TAS		46.1	0.95	m_e	mb	5.5
BUG	76.93	P		12:23:55.724	0.0	8.3		5.55		TAS		32.7	1.16	m_e	mb	5.4
CLL	76.58	P		12:23:53.418	-0.2	8.3		5.55		TAS		13.2	0.79	m_e	mb	5.1
CLZ	76.30	P		12:23:52.733	-0.1	8.3		5.55		TAS		31.0	0.95	m_e	mb	5.4
FBE	76.92	P		12:23:55.937	0.1	8.3		5.55		TAS		17.1	0.88	m_e	mb	5.2
FLT1	75.74	P		12:23:48.807	0.4	8.3		5.55		TAS		25.1	0.84	m_e	mb	5.4
GEC2	78.93	P		12:24:07.130		8.3		5.55		TAS		10.7	0.84	m_e	mb	4.9
GRA1	78.35	P		12:24:04.175		8.3		5.55		TAS		27.0	0.78	m_e	mb	5.4
GRA1	78.35	L		12:56:21.302						T__		546.8	18.40	a_e	Ms	4.9
GUNZ	77.58	P		12:23:59.330	0.4	8.3		5.55		TAS		14.1	0.85	m_e	mb	5.1
IBBN	76.03	P		12:23:51.120	-0.2	8.3		5.55		TAS		68.3	0.98	m_e	mb	5.7
KAST	77.09	P		12:23:56.818	-0.1	8.3		5.55		TAS		15.4	0.91	m_e	mb	5.1
MANZ	77.98	P		12:24:01.591	-0.4	8.3		5.55		TAS		6.5	1.44	m_e	mb	4.6
MOX	77.37	P		12:23:58.335	0.1	8.3		5.55		TAS		16.3	0.85	m_e	mb	5.2
MOX	77.37	L		12:55:13.872						T__		471.8	21.30	a_e	Ms	4.8
NEUB	76.81	P		12:23:55.066	0.1	8.3		5.55		TAS		41.6	0.81	m_e	mb	5.6
NRDL	75.67	P		12:23:48.706	0.3	8.3		5.55		TAS		34.3	1.16	m_e	mb	5.4
PLN	77.48	P		12:23:58.915	-0.1	8.3		5.55		TAS		11.7	0.94	m_e	mb	5.0
RETH	75.49	P		12:23:47.976	-0.1	8.3		5.55		TAS		30.4	1.00	m_e	mb	5.3
RJOB	80.13	P		12:24:13.692		8.3		5.55		TAS		14.0	0.79	m_e	mb	4.9
ROTZ	78.18	P		12:24:02.912	-0.3	8.3		5.55		TAS		2.9	1.02	m_e	mb	4.3
TANN	77.52	P		12:23:59.232	0.1	8.3		5.55		TAS		39.8	1.86	m_e	mb	5.2
TNS	78.06	P		12:24:02.091	0.1	8.3		5.55		TAS		22.1	0.83	m_e	mb	5.3
UBR	80.45	P		12:24:15.071		8.3		5.55		TAS				m_e		
WERN	77.65	P		12:24:00.260	0.3	8.3		5.55		TAS		20.7	0.82	m_e	mb	5.3

WET 78.73 P 12:24:06.119 8.3 5.55 TAS 8.5 1.04 m_e mb 4.7

Event 60209005 Northwest of Kuril Islands, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2016/02/09 14:10:56.71 50.0300 151.8260 33.0 26 71.47 75.33 m i ke BGR
60209011

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 60209011

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Lists station data for event 60209005.

Event 60210001 Near coast of central Chile

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2016/02/10 00:33:05.10 -30.5800 -71.5800 30.0 108.34 108.98 m i ke EMSC

60210033

Magnitude	Err	Nsta	Author	OrigID
Ms	6.5		BGR	60210007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	108.34		Pdiff	00:47:25.300						T__					
GRA1	108.34		PP	00:51:49.956						T__					
GRA1	108.34		L	01:34:14.072						T__		12459.1	21.60	a_e Ms	6.4
MOX	108.98		L	01:36:49.347						T__		13297.2	20.50	a_e Ms	6.5

Event 60210003 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/10	15:10:38.64			-20.3090	-173.4550				72.1	2.1		9		146.31	152.54	m i ke	BGR
OrigID 60210009																	

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.83		PKPbc	15:30:19.809	0.2	8.9		2.52		TAS					m_e
AHRW	149.83		pPKPbc	15:30:40.664		8.9		2.52		TAS					m_e
ASSE	148.08		PKPbc	15:30:15.249	0.2	8.9		2.52		TAS					m_e
ASSE	148.08		pPKPbc	15:30:35.803		8.9		2.52		TAS					m_e
ASSE	148.08		sPKPbc	15:30:43.679	0.3	8.7		2.49		TAS					m_e
BFO	152.01		PKPbc	15:30:24.847		8.9		2.52		TAS					m_e
BFO	152.01		pPKPbc	15:30:45.266		8.9		2.52		TAS					m_e
BRG	148.94		PKPdf	15:30:13.714		12.3		1.49		TAS					m_e
BRG	148.94		PKPbc	15:30:17.428	0.3	8.9		2.52		TAS					m_e
BRG	148.94		PKPab	15:30:20.881		11.6		4.14		TAS					m_e
BRG	148.94		pPKPbc	15:30:37.782		8.9		2.52		TAS					m_e
BSEG	146.31		PKPbc	15:30:10.280	-0.1	8.9		2.52		TAS					m_e
BSEG	146.31		pPKPbc	15:30:30.232		8.9		2.52		TAS					m_e
BSEG	146.31		sPKPbc	15:30:38.898	-0.5	8.7		2.49		TAS					m_e
BUG	148.93		PKPbc	15:30:17.455	0.0	8.9		2.52		TAS					m_e
BUG	148.93		pPKPbc	15:30:38.016		8.9		2.52		TAS					m_e
CLL	148.65		PKPbc	15:30:16.539	-0.0	8.9		2.52		TAS					m_e
CLL	148.65		pPKPbc	15:30:36.966		8.9		2.52		TAS					m_e
CLZ	148.39		PKPbc	15:30:16.233	0.2	8.9		2.52		TAS					m_e
CLZ	148.39		PKPab	15:30:19.251		11.6		4.14		TAS					m_e
CLZ	148.39		pPKPbc	15:30:36.663		8.9		2.52		TAS					m_e
FBE	148.98		PKPdf	15:30:13.996		12.3		1.49		TAS					m_e
FBE	148.98		PKPbc	15:30:17.850	0.2	8.9		2.52		TAS					m_e
FBE	148.98		PKPab	15:30:21.409		11.6		4.14		TAS					m_e
FBE	148.98		pPKPbc	15:30:38.253		8.9		2.52		TAS					m_e
FBE	148.98		sPKPbc	15:30:46.297	0.2	8.7		2.49		TAS					m_e

FLT1	147.83	PKPbc	15:30:14.208	0.0	8.9	2.52	TAS	m_e
FLT1	147.83	pPKPbc	15:30:34.573		8.9	2.52	TAS	m_e
FLT1	147.83	sPKPbc	15:30:42.547	0.0	8.7	2.49	TAS	m_e
FUR	151.95	PKPbc	15:30:24.641	-0.5	8.9	2.52	TAS	m_e
GEC2	150.96	PKPbc	15:30:22.331	-0.3	8.9	2.52	TAS	m_e
GEC2	150.96	pPKPbc	15:30:42.772		8.9	2.52	TAS	m_e
GEC2	150.96	sPKPbc	15:30:50.335		8.7	2.49	TAS	m_e
GRA1	150.45	PKPbc	15:30:21.351	0.5	8.9	2.52	TAS	m_e
GRA1	150.45	PKPab	15:30:27.605		11.6	4.14	TAS	m_e
GRA1	150.45	pPKPbc	15:30:41.952		8.9	2.52	TAS	m_e
GTTG	148.71	PKPbc	15:30:17.059	0.1	8.9	2.52	TAS	m_e
GTTG	148.71	PKPab	15:30:20.514		11.6	4.14	TAS	m_e
GTTG	148.71	pPKPbc	15:30:37.523		8.9	2.52	TAS	m_e
GTTG	148.71	sPKPbc	15:30:45.379	0.3	8.7	2.49	TAS	m_e
GUNZ	149.66	PKPdf	15:30:14.944		12.3	1.49	TAS	m_e
GUNZ	149.66	PKPbc	15:30:19.472	-0.1	8.9	2.52	TAS	m_e
GUNZ	149.66	PKPab	15:30:24.144		11.6	4.14	TAS	m_e
GUNZ	149.66	pPKPbc	15:30:39.953		8.9	2.52	TAS	m_e
GUNZ	149.66	sPKPbc	15:30:47.930		8.7	2.49	TAS	m_e
IBBN	148.05	PKPbc	15:30:15.330	-0.1	8.9	2.52	TAS	m_e
IBBN	148.05	pPKPbc	15:30:35.951		8.9	2.52	TAS	m_e
IBBN	148.05	sPKPbc	15:30:43.873	0.1	8.7	2.49	TAS	m_e
KAST	149.13	PKPbc	15:30:18.154	-0.2	8.9	2.52	TAS	m_e
KAST	149.13	pPKPbc	15:30:38.351		8.9	2.52	TAS	m_e
MANZ	150.06	PKPdf	15:30:15.529		12.3	1.49	TAS	m_e
MANZ	150.06	PKPbc	15:30:20.376	0.1	8.9	2.52	TAS	m_e
MANZ	150.06	pPKPbc	15:30:40.854		8.9	2.52	TAS	m_e
MANZ	150.06	sPKPbc	15:30:48.860		8.7	2.49	TAS	m_e
MOX	149.46	PKPbc	15:30:18.700	0.1	8.9	2.52	TAS	m_e
MOX	149.46	pPKPbc	15:30:39.202		8.9	2.52	TAS	m_e
MOX	149.46	sPKPbc	15:30:47.242	-0.6	8.7	2.49	TAS	m_e
NEUB	148.91	PKPbc	15:30:17.333	-0.1	8.9	2.52	TAS	m_e
NEUB	148.91	pPKPbc	15:30:37.773		8.9	2.52	TAS	m_e
NEUB	148.91	sPKPbc	15:30:45.738	0.2	8.7	2.49	TAS	m_e
NRDL	147.76	PKPbc	15:30:14.286	0.1	8.9	2.52	TAS	m_e
NRDL	147.76	pPKPbc	15:30:34.793		8.9	2.52	TAS	m_e
NRDL	147.76	sPKPbc	15:30:42.783	0.1	8.7	2.49	TAS	m_e
PLN	149.56	PKPdf	15:30:14.658		12.3	1.49	TAS	m_e
PLN	149.56	PKPbc	15:30:19.073	0.3	8.9	2.52	TAS	m_e
PLN	149.56	pPKPbc	15:30:39.542		8.9	2.52	TAS	m_e
PLN	149.56	sPKPbc	15:30:47.518		8.7	2.49	TAS	m_e
RETH	147.56	PKPbc	15:30:13.827	-0.3	8.9	2.52	TAS	m_e
ROTZ	150.26	PKPbc	15:30:20.789	-0.2	8.9	2.52	TAS	m_e
ROTZ	150.26	pPKPbc	15:30:41.348		8.9	2.52	TAS	m_e
ROTZ	150.26	sPKPbc	15:30:49.255		8.7	2.49	TAS	m_e
RUE	147.41	PKPbc	15:30:13.125	-0.1	8.9	2.52	TAS	m_e
STU	151.53	PKPbc	15:30:23.866	-0.4	8.9	2.52	TAS	m_e
STU	151.53	pPKPbc	15:30:44.517		8.9	2.52	TAS	m_e
TANN	149.59	PKPbc	15:30:19.294	0.4	8.9	2.52	TAS	m_e

TANN	149.59	pPKPbc	15:30:39.516		8.9	2.52	TAS	m_e
TNS	150.11	PKPbc	15:30:20.678	0.2	8.9	2.52	TAS	m_e
TNS	150.11	pPKPbc	15:30:41.289		8.9	2.52	TAS	m_e
TNS	150.11	sPKPbc	15:30:48.999		8.7	2.49	TAS	m_e
UBBA	149.43	PKPbc	15:30:18.431	0.2	8.9	2.52	TAS	m_e
UBBA	149.43	PKPab	15:30:23.277		11.6	4.14	TAS	m_e
UBR	152.54	PKPbc	15:30:25.905		8.9	2.52	TAS	m_e
UBR	152.54	pPKPbc	15:30:46.386		8.9	2.52	TAS	m_e
UBR	152.54	sPKPbc	15:30:54.456		8.7	2.49	TAS	m_e
WERD	149.58	PKPbc	15:30:19.216	0.3	8.9	2.52	TAS	m_e
WERD	149.58	pPKPbc	15:30:39.717		8.9	2.52	TAS	m_e
WERD	149.58	sPKPbc	15:30:47.530		8.7	2.49	TAS	m_e
WERN	149.73	PKPbc	15:30:19.767	0.2	8.9	2.52	TAS	m_e
WERN	149.73	PKPab	15:30:24.529		11.6	4.14	TAS	m_e
WERN	149.73	pPKPbc	15:30:40.283		8.9	2.52	TAS	m_e
WERN	149.73	sPKPbc	15:30:48.184		8.7	2.49	TAS	m_e
WET	150.79	PKPbc	15:30:21.865	-0.2	8.9	2.52	TAS	m_e
WET	150.79	PKPab	15:30:28.593		11.6	4.14	TAS	m_e
WET	150.79	sPKPbc	15:30:50.198		8.7	2.49	TAS	m_e
WLF	150.71	PKPdf	15:30:17.037		12.3	1.49	TAS	m_e
WLF	150.71	PKPbc	15:30:22.668	-0.1	8.9	2.52	TAS	m_e
WLF	150.71	pPKPbc	15:30:43.168		8.9	2.52	TAS	m_e

Event 60210004 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/10	16:54:43.50			-32.1200	179.9600				442.0			15		156.97	162.61	m i ke	EMSC
60210036																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	162.61		PKPab	17:14:46.084		28.1		4.41		TAS					m_e
BRG	158.60		PKPab	17:14:28.441	0.1	28.1		4.41		TAS					m_e
BSEG	156.97		PKPab	17:14:21.387	-0.3	28.1		4.41		TAS					m_e
CLL	158.56		PKPab	17:14:28.145	0.1	28.1		4.41		TAS					m_e
CLZ	158.87		PKPab	17:14:30.047	0.4	28.1		4.41		TAS					m_e
FBE	158.77		PKPab	17:14:29.502	0.3	28.1		4.41		TAS					m_e
FLT1	158.19		PKPab	17:14:26.334	0.2	28.1		4.41		TAS					m_e
GEC2	160.35		PKPab	17:14:35.823		28.1		4.41		TAS					m_e
GTTG	159.24		PKPab	17:14:31.547	0.0	28.1		4.41		TAS					m_e
GUNZ	159.59		PKPab	17:14:33.151		28.1		4.41		TAS					m_e
IBBN	159.04		PKPab	17:14:30.440	0.3	28.1		4.41		TAS					m_e
MOX	159.58		PKPab	17:14:32.812		28.1		4.41		TAS					m_e
ROTZ	160.14		PKPab	17:14:35.560		28.1		4.41		TAS					m_e
WERD	159.52		PKPab	17:14:32.637		28.1		4.41		TAS					m_e

WERN 159.64 PKPab 17:14:33.408 28.1 4.41 TAS m_e

Event 60211005 Southern Mid-Atlantic Ridge

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2016/02/11 17:00:18.84 -28.0570 -13.4360 10.0 80.45 80.45 m i ke BGR
60211011

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 60211011

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 80.45 P 17:12:32.843 201.9 6.04 TAS 17.8 1.01 m_e mb 4.9

Event 60211006 Rat Islands, Aleutian Islands, United States

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2016/02/11 17:42:06.49 51.6120 179.9850 33.0 78.62 78.62 m i ke BGR
60211012

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 60211012

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 78.62 P 17:54:03.366 11.7 4.87 TAS 12.1 1.12 m_e mb 4.8

Event 60212003 Sumba, Indonesia, region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2016/02/12 10:02:25.50 -9.5800 119.5000 40.0 109.06 109.06 m i ke EMSC
60212035

Magnitude Err Nsta Author OrigID
Ms 6.1 BGR 60212009

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 109.06 Pdiff 10:16:45.879 82.2 3.02 TAS m_e
GRA1 109.06 PP 10:21:16.319 87.9 6.99 TAS m_e
GRA1 109.06 L 11:11:53.937 T__ 5635.9 21.80 a_e Ms 6.1

Event 60212007 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/12	12:59:22.79			27.8470	129.5820				33.0					85.40	85.40	m i ke	BGR
OrigID 60212013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	60212013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	85.40		P	13:11:56.026		58.6		4.48		TAS		11.7	0.83	m_e mb	5.1

Event 60212008 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/12	14:09:19.50			-16.6200	-173.8000				10.0					146.76	146.76	m i ke	EMSC
OrigID 60212040																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	146.76		PKP	14:29:00.753		8.8		3.31		TAS				m_e	

Event 60213001 Oklahoma, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/13	17:07:05.50			36.5700	-98.7000				10.0					74.16	74.16	m i ke	EMSC
OrigID 60213033																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	60213007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	74.16		P	17:18:46.649		308.1		5.63		TAS		13.9	1.30	m_e mb	4.8

Event 60213003 Lake Baykal, Russia, region

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

OrigID
 2016/02/13 20:31:54.58 57.2160 112.6670 33.0 55.39 55.39 m i ke BGR
 60213009

Magnitude Err Nsta Author OrigID
 mb 5.0 BGR 60213009

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 55.39 P 20:41:24.039 36.5 6.21 TAS 19.3 1.26 m_e mb 5.0

Event 60214001 Off east coast of South Island, New Zealand

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2016/02/14 00:13:42.05 -43.6200 173.8300 10.0 26 163.25 168.63 m i ke BGR
 60214007

Magnitude Err Nsta Author OrigID
 Ms 5.9 BGR 60214007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	168.63		PKPab	00:34:59.818		65.9		0.90		TAS				m_e	
ASSE	165.88		PKPab	00:34:45.955	-0.2	65.9		0.90		TAS				m_e	
BRG	164.56		PKPdf	00:33:46.824	-0.6	65.9		0.90		TAS				m_e	
BRG	164.56		PKPab	00:34:40.296	0.8	65.9		0.90		TAS				m_e	
BSEG	165.05		PKPdf	00:33:48.521	-0.1	65.9		0.90		TAS				m_e	
BSEG	165.05		PKPab	00:34:43.125	-0.7	65.9		0.90		TAS				m_e	
BUG	168.03		PKPdf	00:33:51.067		65.9		0.90		TAS				m_e	
CLL	164.95		PKPdf	00:33:48.804	0.3	65.9		0.90		TAS				m_e	
CLL	164.95		PKPab	00:34:43.125	-0.6	65.9		0.90		TAS				m_e	
CLZ	166.18		PKPab	00:34:47.652	-1.2	65.9		0.90		TAS				m_e	
FBE	164.90		PKPab	00:34:42.842	0.9	65.9		0.90		TAS				m_e	
FLT1	165.47		PKPdf	00:33:48.238	0.1	65.9		0.90		TAS				m_e	
FLT1	165.47		PKPab	00:34:43.974	-0.6	65.9		0.90		TAS				m_e	
FUR	167.03		PKPdf	00:33:50.219		65.9		0.90		TAS				m_e	
GEC2	165.30		PKPdf	00:33:48.804	-0.4	65.9		0.90		TAS				m_e	
GEC2	165.30		PKPab	00:34:43.691	-0.5	65.9		0.90		TAS				m_e	
GRA1	166.61		PKPdf	00:33:49.936		65.9		0.90		TAS				m_e	
GRA1	166.61		PKPab	00:34:50.481	0.8	65.9		0.90		TAS				m_e	
GRA1	166.61		L	01:52:02.539						T__		1896.3	21.40	a_e Ms	5.9
GTTG	166.55		PKPab	00:34:49.350	-0.1	65.9		0.90		TAS				m_e	
GUNZ	165.70		PKPdf	00:33:48.521	-0.1	65.9		0.90		TAS				m_e	
GUNZ	165.70		PKPab	00:34:45.955	-0.2	65.9		0.90		TAS				m_e	
IBBN	167.27		PKPdf	00:33:49.936		65.9		0.90		TAS				m_e	
IBBN	167.27		PKPab	00:34:52.179		65.9		0.90		TAS				m_e	
KAST	167.56		PKPdf	00:33:50.219		65.9		0.90		TAS				m_e	
LNIZ	163.34		PKPdf	00:33:46.258	-0.2	65.9		0.90		TAS				m_e	

LNIZ	163.34	PKPab	00:34:35.769	0.3	65.9	0.90	TAS	m_e
MANZ	165.97	PKPdf	00:33:49.087	0.6	65.9	0.90	TAS	m_e
MANZ	165.97	PKPab	00:34:46.520	1.1	65.9	0.90	TAS	m_e
MILB	167.72	PKPdf	00:33:50.785		65.9	0.90	TAS	m_e
MILB	167.72	PKPab	00:34:54.725		65.9	0.90	TAS	m_e
MOX	166.02	PKPab	00:34:48.218	0.4	65.9	0.90	TAS	m_e
NEUB	165.71	PKPab	00:34:45.389	-0.6	65.9	0.90	TAS	m_e
NRDL	165.98	PKPdf	00:33:49.087	0.4	65.9	0.90	TAS	m_e
NRDL	165.98	PKPab	00:34:47.935	-0.2	65.9	0.90	TAS	m_e
PLN	165.76	PKPdf	00:33:48.238	-0.1	65.9	0.90	TAS	m_e
PLN	165.76	PKPab	00:34:45.672	0.8	65.9	0.90	TAS	m_e
RETH	166.22	PKPdf	00:33:48.521	-0.2	65.9	0.90	TAS	m_e
RETH	166.22	PKPab	00:34:48.501	-0.1	65.9	0.90	TAS	m_e
RGN	163.25	PKPdf	00:33:45.975	-0.5	65.9	0.90	TAS	m_e
RJOB	166.12	PKPdf	00:33:49.087	-1.3	65.9	0.90	TAS	m_e
ROTZ	165.98	PKPab	00:34:47.086	-0.0	65.9	0.90	TAS	m_e
RUE	164.03	PKPdf	00:33:47.107	0.1	65.9	0.90	TAS	m_e
RUE	164.03	PKPab	00:34:38.316	-0.2	65.9	0.90	TAS	m_e
STU	168.18	PKPdf	00:33:50.502		65.9	0.90	TAS	m_e
STU	168.18	PKPab	00:34:58.120		65.9	0.90	TAS	m_e
TANN	165.61	PKPdf	00:33:47.955	0.0	65.9	0.90	TAS	m_e
TANN	165.61	PKPab	00:34:44.823	0.2	65.9	0.90	TAS	m_e
TNS	168.03	PKPab	00:34:56.140		65.9	0.90	TAS	m_e
UBBA	166.88	PKPab	00:34:51.330	0.8	65.9	0.90	TAS	m_e
UBR	167.91	PKPdf	00:33:49.370		65.9	0.90	TAS	m_e
WERD	165.69	PKPdf	00:33:48.521	0.0	65.9	0.90	TAS	m_e
WERD	165.69	PKPab	00:34:45.106	0.1	65.9	0.90	TAS	m_e
WERN	165.71	PKPdf	00:33:48.521	-0.3	65.9	0.90	TAS	m_e
WERN	165.71	PKPab	00:34:45.955	-0.3	65.9	0.90	TAS	m_e
WET	165.75	PKPdf	00:33:48.521	0.2	65.9	0.90	TAS	m_e

Event 60214002 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/14	07:10:43.00			-17.5200	-171.7900				10.0					147.82	147.82	m i ke	EMSC
60214034																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	147.82		PKP	07:30:26.934		5.4		2.22		TAS					m_e

Event 60214003 South of Alaska

./2016/bull1602.txt

Thu Apr 23 08:38:25 2020

33

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/14	07:33:41.16			55.6460	-156.9570				33.0					74.57	74.57	m i ke	BGR
OrigID 60214009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	60214009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	74.57		P	07:45:15.064		350.0		5.27		TAS		17.2	1.00	m_e mb	5.0

Event 60214004 Adriatic Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/14	14:51:26.64	1.65	0.46	42.6200	17.5100	36.7	21.1	84	10.0				9 331	4.43	8.99	m i ke	BGR
OrigID 60214010																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.3		BGR	60214010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	4.84		Pn	14:52:37.145	-0.7					T__				m_e ML	4.1
BFO	8.61		Pn	14:53:28.163	-0.4					T__				m_e	
GEC2	6.77		Pn	14:53:04.216	0.4					T__				m_e	
KBA	5.35		Pn	14:52:44.590	-0.1					T__				m_e	
MOA	5.71		Sn	14:53:49.673	-0.0					T__				m_e	
MOA	5.71		Pn	14:52:50.325	0.8					T__				m_e	
MOX	8.99		Pn	14:53:33.135	-0.5					T__				m_e	
OBKA	4.43		Pn	14:52:32.697	0.5					T__				m_e ML	4.5
WET	7.28		Pn	14:53:10.370	-0.3					T__				m_e	
WTTA	6.24		Pn	14:52:56.985	0.3					T__				m_e	

Event 60214005 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/14	18:09:28.91			31.1610	139.8680				397.1					87.49	87.49	m i ke	BGR
OrigID 60214011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	60214011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	87.49		P	18:21:28.757		50.4		4.31		TAS		36.7	1.27	m_e mb	5.4

GRA1 87.49 pP 18:22:59.938 T__ m_e

Event 60215005 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/15	15:02:32.70			-21.1400	-175.4700				10.0					151.02	151.02	m i ke	EMSC
OrigID 60215037																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.9		BGR	60215011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	151.02		PKP	15:22:25.422		13.0		1.62		TAS				m_e	
GRA1	151.02		L	16:33:42.846						T__		1966.1	22.00	a_e Ms	5.9

Event 60215006 Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/15	18:55:14.53	1.50	1.22	38.8990	21.8320	84.5	31.1	47	10.0				8 346	11.54	15.52	m i ke	BGR
OrigID 60215012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	60215012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	13.57		P	18:58:24.660	-1.0					T__				m_e	
GEC2	11.54		P	18:57:59.147	0.8					T__				m_e	
MOX	13.79		P	18:58:29.014	0.4					T__				m_e	
PART	11.61		S	19:00:14.088	0.1					T__				m_e	
PART	11.61		P	18:57:59.206	-0.1					T__				m_e	
UBR	12.23		P	18:58:05.828	-1.9					T__				m_e	
WET	12.09		P	18:58:04.397	-1.4					T__				m_e	
WLF	15.52		P	18:58:53.670	2.1					T__		880.2	1.44	m_e mb	5.7
ZUGS	11.62		P	18:58:00.560	1.1					T__				m_e	

Event 60215007 Auckland Islands, New Zealand, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/15	19:28:04.30			-49.1100	164.5000				10.0					162.62	162.62	m i ke	EMSC
OrigID 60215039																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.7		BGR	60215013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	162.62		PKP	19:48:02.016		98.3		0.93		TAS				m_e	
GRA1	162.62		L	21:06:20.748						T__		1162.9	21.30	a_e Ms	5.7

Event	60216001	Taiwan																
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
OrigID																		
2016/02/16	04:05:02.41			23.8640	121.5620				33.0					84.30	84.30	m i ke	BGR	
60216007																		

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	60216007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	84.30		P	04:17:30.324		65.5		4.84		TAS		15.0	1.17	m_e mb	5.1

Event	60216008	Northeastern India																
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
OrigID																		
2016/02/16	23:06:56.30			26.3800	93.4600				10.0				16	63.56	65.57	m i ke	EMSC	
60216040																		

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	60216014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABG1	64.39		P	23:17:32.270	0.1	77.6		6.65		TAS		22.5	0.69	m_e mb	5.5
BRG	63.56		P	23:17:26.613	-0.4	77.6		6.65		TAS		75.9	2.92	m_e mb	5.4
CHRS	65.35		P	23:17:38.368	-0.1	77.6		6.65		TAS				m_e	
CRUX	65.57		P	23:17:40.008		77.6		6.65		TAS				m_e	
GEC2	64.08		P	23:17:29.865		77.6		6.65		TAS		6.6	0.82	m_e mb	4.9
GUNZ	64.66		P	23:17:33.644		77.6		6.65		TAS				m_e	
HKWD	64.61		P	23:17:33.558	-0.2	77.6		6.65		TAS		3.8	0.65	m_e mb	4.8
MLFH	64.73		P	23:17:33.558	0.3	77.6		6.65		TAS				m_e	
MODW	64.46		P	23:17:32.749	-0.7	77.6		6.65		TAS			0.82	m_e	
ROTZ	64.86		P	23:17:35.705		77.6		6.65		TAS		2.8	0.93	m_e mb	4.5
SCHF	64.55		P	23:17:32.871	-0.3	77.6		6.65		TAS			0.49	m_e	
TANN	64.57		P	23:17:32.836		77.6		6.65		TAS		3.0	0.88	m_e mb	4.5
TAUT	64.92		P	23:17:35.533	0.1	77.6		6.65		TAS				m_e	

WERN	64.65	P	23:17:34.066	77.6	6.65	TAS								0.73	m_e		
WET	64.55	P	23:17:32.785	77.6	6.65	TAS						4.8	0.86	m_e	mb		4.8
WIMM	64.95	P	23:17:35.533	-0.0	77.6	6.65	TAS					9.0	0.84	m_e	mb		5.0

Event 60217001 Southern East Pacific Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/16	23:48:35.70			-55.9300	-124.8300				20.0					153.09	153.09	m i ke	EMSC
OrigID 60217033																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	60217007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	153.09		PKP	00:08:34.479		239.6		2.34		TAS				m_e	
GRA1	153.09		L	01:00:41.953						T__		461.6	21.80	a_e Ms	5.3

Event 60218004 South Sandwich Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2016/02/18	01:07:14.40			-56.2600	-27.7100				125.0					7	108.48	112.88	m i ke	EMSC
OrigID 60218036																		

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	108.48		PKKPbc	01:36:36.908	0.3	20.0		3.21		TAS				m_e	
BFO	108.48		PKKPab	01:36:49.740	0.3	20.1		4.50		TAS				m_e	
BRG	112.20		PKKPab	01:36:33.405		20.1		4.50		TAS				m_e	
CLL	112.36		PKKPbc	01:36:24.582		20.0		3.21		TAS				m_e	
FBE	112.09		PKKPbc	01:36:25.921		20.0		3.21		TAS				m_e	
FBE	112.09		PKKPab	01:36:34.169		20.1		4.50		TAS				m_e	
FLT1	112.88		PKKPab	01:36:29.842		20.1		4.50		TAS				m_e	
GRA1	110.43		PKKPbc	01:36:31.363		20.0		3.21		TAS				m_e	
IBBN	112.08		PKKPbc	01:36:25.590		20.0		3.21		TAS				m_e	
IBBN	112.08		PKKPab	01:36:33.791		20.1		4.50		TAS				m_e	
RETH	112.83		PKKPbc	01:36:22.772		20.0		3.21		TAS				m_e	
WERN	111.27		PKKPab	01:36:37.911		20.1		4.50		TAS				m_e	
WET	110.34		PKKPab	01:36:42.285		20.1		4.50		TAS				m_e	

Event 60218002 Taiwan																	
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2016/02/18	01:09:48.57			24.0320	121.4870				33.0					84.13	84.13	m i ke	BGR
60218008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	60218008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	84.13		P	01:22:15.605		65.6		4.90		TAS		21.9	1.39	m_e mb	5.2

Event 60218003 Taiwan																	
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2016/02/18	01:18:44.64			24.4310	120.7350				33.0					83.40	83.40	m i ke	BGR
60218009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	60218009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	83.40		P	01:31:07.899		66.8		5.29		TAS		18.4	1.32	m_e mb	5.1

Event 60218005 Crete, Greece																	
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2016/02/18	02:40:22.70			34.8300	26.3600				10.0					18.55	18.55	m i ke	EMSC
60218037																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	60218011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	18.55		P	02:44:40.978		137.5		12.22		TAS		18.0	1.43	m_e mb	4.1

Event 60218011 Owen Fracture Zone region																	
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2016/02/18	20:29:49.09			17.4670	58.1220				10.0				24	47.60	52.42	m i ke	BGR

60218017

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	60218017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	52.22		P	20:39:01.577		113.5		7.64		TAS		15.3	0.84	m_e	mb 5.0
ASSE	50.74		P	20:38:49.009	0.8	113.5		7.64		TAS		8.0	0.89	m_e	mb 4.7
BFO	50.70		P	20:38:48.949		113.5		7.64		TAS		8.5	0.97	m_e	mb 4.6
BRG	48.36		P	20:38:30.970	-0.1	113.5		7.64		TAS		9.9	0.93	m_e	mb 4.9
BUG	52.42		P	20:39:01.761		113.5		7.64		TAS		14.0	1.04	m_e	mb 4.8
CLL	49.08		P	20:38:36.872	-0.0	113.5		7.64		TAS		26.6	0.82	m_e	mb 5.3
CLZ	50.79		P	20:38:49.955	-0.6	113.5		7.64		TAS		39.1	0.77	m_e	mb 5.4
FLT1	50.52		P	20:38:47.099	0.2	113.5		7.64		TAS		23.9	0.85	m_e	mb 5.1
FUR	48.80		P	20:38:34.475	0.1	113.5		7.64		TAS		53.9	0.76	m_e	mb 5.7
GEC2	47.60		P	20:38:25.129	-0.3	113.5		7.64		TAS		3.6	0.65	m_e	mb 4.6
GRA1	49.43		P	20:38:39.185	-0.3	113.5		7.64		TAS		25.6	0.84	m_e	mb 5.3
GTTG	50.91		P	20:38:50.849		113.5		7.64		TAS		27.7	0.81	m_e	mb 5.2
KAST	51.67		P	20:38:56.352		113.5		7.64		TAS		8.4	0.89	m_e	mb 4.7
MANZ	49.03		P	20:38:36.420	0.3	113.5		7.64		TAS		2.1	0.85	m_e	mb 4.2
MOX	49.59		P	20:38:40.712	-0.2	113.5		7.64		TAS		6.8	0.71	m_e	mb 4.7
NEUB	49.73		P	20:38:41.873	0.2	113.5		7.64		TAS		41.2	0.88	m_e	mb 5.4
NRDL	51.21		P	20:38:53.036		113.5		7.64		TAS		27.9	0.92	m_e	mb 5.2
RETH	51.73		P	20:38:56.403		113.5		7.64		TAS		10.5	0.97	m_e	mb 4.7
RJOB	47.70		P	20:38:26.134	0.1	113.5		7.64		TAS		15.9	0.80	m_e	mb 5.2
ROTZ	48.88		P	20:38:35.075	0.3	113.5		7.64		TAS		2.8	0.94	m_e	mb 4.3
RUE	49.19		P	20:38:37.276	0.2	113.5		7.64		TAS		16.1	0.78	m_e	mb 5.1
UBBA	50.60		P	20:38:48.032	-0.2	113.5		7.64		TAS		5.5	0.78	m_e	mb 4.5
UBR	49.36		P	20:38:38.574	0.2	113.5		7.64		TAS		9.2	0.77	m_e	mb 4.9
WERN	49.00		P	20:38:36.341	-0.3	113.5		7.64		TAS		12.0	1.05	m_e	mb 4.9

Event 60219002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/19	05:28:40.64			-16.8960	-177.6630				33.0			17		143.95	148.64	m i ke	BGR
60219008																	

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.27		PKPbc	05:48:23.102	-0.1	15.5		3.00		TAS				m_e	
CLZ	144.56		PKPbc	05:48:11.433	-0.6	15.5		3.00		TAS				m_e	
FBE	144.93		PKPbc	05:48:13.097	-0.0	15.5		3.00		TAS				m_e	
FLT1	143.95		PKPbc	05:48:10.669	0.5	15.5		3.00		TAS				m_e	
GEC2	146.81		PKPbc	05:48:18.389	-0.5	15.5		3.00		TAS				m_e	
IBBN	144.41		PKPbc	05:48:11.752	-0.0	15.5		3.00		TAS				m_e	

KAST	145.43	PKPbc	05:48:14.339	-0.4	15.5	3.00	TAS	m_e
MANZ	146.06	PKPbc	05:48:16.862	0.4	15.5	3.00	TAS	m_e
MOX	145.52	PKPbc	05:48:14.737	-0.1	15.5	3.00	TAS	m_e
ROTZ	146.25	PKPbc	05:48:17.326	0.3	15.5	3.00	TAS	m_e
TANN	145.59	PKPbc	05:48:14.981	-0.1	15.5	3.00	TAS	m_e
TNS	146.39	PKPbc	05:48:17.852	0.2	15.5	3.00	TAS	m_e
UBBA	145.60	PKPbc	05:48:14.677	-0.5	15.5	3.00	TAS	m_e
UBR	148.64	PKPbc	05:48:24.136	-0.1	15.5	3.00	TAS	m_e
WERD	145.58	PKPbc	05:48:15.195	0.1	15.5	3.00	TAS	m_e
WERN	145.72	PKPbc	05:48:15.905	0.4	15.5	3.00	TAS	m_e
WLF	147.17	PKPbc	05:48:20.537	0.3	15.5	3.00	TAS	m_e

Event 60219006 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/19	13:13:53.01			37.1090	142.9750				33.0			14		80.55	85.84	m i ke	BGR
OrigID 60219012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	60219012
Ms	4.7		BGR	60219012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	85.84		P	13:26:28.098		36.8		5.14		TAS		7.8	0.75	m_e	mb 4.9
BRG	81.62		P	13:26:06.534	-0.1	36.8		5.14		TAS		3.6	0.79	m_e	mb 4.6
BSEG	80.55		P	13:26:01.045	-0.0	36.8		5.14		TAS		5.8	0.77	m_e	mb 4.7
CLL	81.65		P	13:26:06.534	-0.2	36.8		5.14		TAS		5.8	0.74	m_e	mb 4.8
CLZ	82.22		P	13:26:09.941	0.2	36.8		5.14		TAS		5.8	0.81	m_e	mb 4.8
FBE	81.81		P	13:26:07.855	0.2	36.8		5.14		TAS		6.2	0.73	m_e	mb 4.8
FLT1	81.51		P	13:26:05.554	-0.5	36.8		5.14		TAS		9.9	0.68	m_e	mb 5.1
GEC2	83.30		P	13:26:15.062	0.0	36.8		5.14		TAS		3.5	0.67	m_e	mb 4.7
GRA1	83.62		L	14:07:48.390						T__		403.5	20.10	a_e	Ms 4.8
GTTG	82.61		P	13:26:11.925	0.1	36.8		5.14		TAS		5.7	0.86	m_e	mb 4.8
KAST	83.45		P	13:26:16.042		36.8		5.14		TAS		2.9	0.78	m_e	mb 4.6
MANZ	83.04		P	13:26:14.180	0.3	36.8		5.14		TAS		0.9	0.67	m_e	mb 4.1
MOX	82.71		P	13:26:12.219	0.2	36.8		5.14		TAS		3.2	0.70	m_e	mb 4.7
MOX	82.71		L	14:05:01.852						T__		355.6	21.70	a_e	Ms 4.7
ROTZ	83.18		P	13:26:14.964	-0.2	36.8		5.14		TAS		0.9	0.69	m_e	mb 4.1
WERN	82.70		P	13:26:12.317	-0.0	36.8		5.14		TAS		4.3	0.76	m_e	mb 4.8

Event 60220002 South of Fiji Islands

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

2016/02/20 14:37:35.86 -22.9880 -179.3440 33.0 19 148.25 152.20 m i ke BGR
60220008

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	150.31		PKPbc	14:57:24.241	0.2	21.1		2.37		TAS				m_e	
BSEG	148.25		PKPbc	14:57:18.932	-0.3	21.1		2.37		TAS				m_e	
CLL	150.15		PKPbc	14:57:23.552	-0.1	21.1		2.37		TAS				m_e	
CLZ	150.24		PKPbc	14:57:24.241	0.4	21.1		2.37		TAS				m_e	
FBE	150.42		PKPbc	14:57:24.634	0.4	21.1		2.37		TAS				m_e	
FLT1	149.60		PKPbc	14:57:22.176	-0.1	21.1		2.37		TAS				m_e	
GEC2	152.20		PKPbc	14:57:28.173		21.1		2.37		TAS				m_e	
GTTG	150.59		PKPbc	14:57:24.929	0.2	21.1		2.37		TAS				m_e	
IBBN	150.22		PKPbc	14:57:23.946	-0.1	21.1		2.37		TAS				m_e	
KAST	151.20		PKPbc	14:57:26.502	0.2	21.1		2.37		TAS				m_e	
MANZ	151.59		PKPbc	14:57:27.190	-0.2	21.1		2.37		TAS				m_e	
NEUB	150.55		PKPbc	14:57:24.536	0.0	21.1		2.37		TAS				m_e	
PLN	151.12		PKPbc	14:57:25.912	0.0	21.1		2.37		TAS				m_e	
RETH	149.56		PKPbc	14:57:22.176	-0.2	21.1		2.37		TAS				m_e	
ROTZ	151.77		PKPbc	14:57:27.190	-0.4	21.1		2.37		TAS				m_e	
RUE	148.89		PKPbc	14:57:20.603	-0.0	21.1		2.37		TAS				m_e	
TANN	151.11		PKPbc	14:57:25.912	-0.2	21.1		2.37		TAS				m_e	
TNS	152.14		PKPbc	14:57:28.370	0.2	21.1		2.37		TAS				m_e	
WERN	151.25		PKPbc	14:57:26.010	-0.1	21.1		2.37		TAS				m_e	

Event 60220003 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/20	14:54:13.59		3.3340	-32.5070					33.0					59.17	59.17	m i ke	BGR

OrigID 60220009

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 60220009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	59.17		P	15:04:12.248		228.0		6.65		TAS		14.5	1.21	m_e mb	4.9

Event 60220004 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/20	15:51:20.73		-22.6800	-179.0900					33.0			33		147.99	153.99	m i ke	BGR

OrigID 60220010

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	151.78		PKPbc	16:10:10.885	0.0	18.0		2.31		TAS					m_e	
ASSE	149.65		PKPbc	16:10:05.897	0.0	18.0		2.31		TAS					m_e	
BFO	153.73		PKPbc	16:10:14.898		18.0		2.31		TAS					m_e	
BRG	150.08		PKPbc	16:10:07.101	-0.0	18.0		2.31		TAS					m_e	
BSEG	147.99		PKPbc	16:10:01.826	-0.2	18.0		2.31		TAS					m_e	
BUG	150.87		PKPbc	16:10:08.477	-0.3	18.0		2.31		TAS					m_e	
CLL	149.92		PKPbc	16:10:06.413	-0.2	18.0		2.31		TAS					m_e	
CLZ	149.98		PKPbc	16:10:07.101	0.5	18.0		2.31		TAS					m_e	
FBE	150.19		PKPbc	16:10:07.559	0.3	18.0		2.31		TAS					m_e	
FLT1	149.35		PKPbc	16:10:04.922	-0.3	18.0		2.31		TAS					m_e	
FUR	153.26		PKPbc	16:10:14.229	-0.3	18.0		2.31		TAS					m_e	
GEC2	151.98		PKPbc	16:10:11.401	0.4	18.0		2.31		TAS					m_e	
GTTG	150.34		PKPbc	16:10:07.617	0.1	18.0		2.31		TAS					m_e	
HLG	148.10		PKPbc	16:10:02.285	-0.1	18.0		2.31		TAS					m_e	
IBBN	149.96		PKPbc	16:10:06.700	0.0	18.0		2.31		TAS					m_e	
KAST	150.94		PKPbc	16:10:08.993	0.1	18.0		2.31		TAS					m_e	
MANZ	151.36		PKPbc	16:10:10.311	0.4	18.0		2.31		TAS					m_e	
MOX	150.86		PKPbc	16:10:08.706	-0.0	18.0		2.31		TAS					m_e	
NEUB	150.31		PKPbc	16:10:07.559	0.1	18.0		2.31		TAS					m_e	
NRDL	149.41		PKPbc	16:10:05.094	-0.2	18.0		2.31		TAS					m_e	
PLN	150.88		PKPbc	16:10:09.107	0.3	18.0		2.31		TAS					m_e	
RETH	149.30		PKPbc	16:10:04.922	-0.2	18.0		2.31		TAS					m_e	
ROTZ	151.54		PKPbc	16:10:10.254	-0.1	18.0		2.31		TAS					m_e	
RUE	148.65		PKPbc	16:10:03.374	-0.3	18.0		2.31		TAS					m_e	
STU	153.14		PKPbc	16:10:13.751	-0.1	18.0		2.31		TAS					m_e	
TANN	150.88		PKPbc	16:10:09.107	0.3	18.0		2.31		TAS					m_e	
TNS	151.88		PKPbc	16:10:11.401	-0.2	18.0		2.31		TAS					m_e	
UBBA	151.03		PKPbc	16:10:09.050	-0.0	18.0		2.31		TAS					m_e	
UBR	153.99		PKPbc	16:10:15.643		18.0		2.31		TAS					m_e	
WERD	150.88		PKPbc	16:10:09.165	0.3	18.0		2.31		TAS					m_e	
WERN	151.01		PKPbc	16:10:09.566	0.4	18.0		2.31		TAS					m_e	
WET	151.94		PKPbc	16:10:11.171	-0.2	18.0		2.31		TAS					m_e	
WLF	152.75		PKPbc	16:10:13.579	-0.2	18.0		2.31		TAS					m_e	

Event 60220005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/20	15:51:25.58			-21.8990	-178.0960				612.8	2.3		9		146.28	153.44	m i ke	BGR
	60220011																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	151.13		PKPbc	16:10:10.885	0.0	18.1		2.35		TAS				m_e	
AHRW	151.13		pPKPbc	16:12:30.660		21.6		2.26		TAS				m_e	
AHRW	151.13		PP	16:13:51.897		21.3		4.87		TAS				m_e	
ASSE	149.07		PKPbc	16:10:05.897	0.1	18.1		2.35		TAS				m_e	
BFO	153.13		PKPbc	16:10:14.898	-0.4	18.1		2.35		TAS				m_e	
BFO	153.13		PKPab	16:10:29.521						T__				m_e	
BFO	153.13		pPKPbc	16:12:34.889		21.6		2.26		TAS				m_e	
BRG	149.58		PKPdf	16:10:01.242	-0.2	21.7		1.53		TAS				m_e	
BRG	149.58		PKPbc	16:10:07.101	0.1	18.1		2.35		TAS				m_e	
BRG	149.58		PKPab	16:10:14.479						T__				m_e	
BSEG	147.38		PKPdf	16:09:58.111	0.3	21.7		1.53		TAS				m_e	
BSEG	147.38		PKPbc	16:10:01.826	-0.1	18.1		2.35		TAS				m_e	
BUG	150.22		PKPbc	16:10:08.477	-0.3	18.1		2.35		TAS				m_e	
BUG	150.22		PP	16:13:45.104		21.3		4.87		TAS				m_e	
CLL	149.40		PKPdf	16:10:00.967	0.3	21.7		1.53		TAS				m_e	
CLL	149.40		PKPbc	16:10:06.413	-0.1	18.1		2.35		TAS				m_e	
CLZ	149.40		PKPdf	16:10:01.243	0.1	21.7		1.53		TAS				m_e	
CLZ	149.40		PKPbc	16:10:07.101	0.5	18.1		2.35		TAS				m_e	
FBE	149.68		PKPdf	16:10:01.717	0.0	21.7		1.53		TAS				m_e	
FBE	149.68		PKPbc	16:10:07.559	0.3	18.1		2.35		TAS				m_e	
FLT1	148.78		PKPdf	16:09:59.822	-0.5	21.7		1.53		TAS				m_e	
FLT1	148.78		PKPbc	16:10:04.922	-0.2	18.1		2.35		TAS				m_e	
FUR	152.74		PKPdf	16:10:05.945		21.7		1.53		TAS				m_e	
FUR	152.74		PKPbc	16:10:14.229	-0.1	18.1		2.35		TAS				m_e	
FUR	152.74		PKPab	16:10:28.252						T__				m_e	
GEC2	151.51		PKPdf	16:10:04.063		21.7		1.53		TAS				m_e	
GEC2	151.51		PKPbc	16:10:11.401	-0.2	18.1		2.35		TAS				m_e	
GEC2	151.51		pPKPbc	16:12:31.131		21.6		2.26		TAS				m_e	
GRA1	151.30		PKPdf	16:10:04.389	-0.3	21.7		1.53		TAS				m_e	
GRA1	151.30		PKPbc	16:10:10.720	-0.3	18.1		2.35		TAS				m_e	
GRA1	151.30		pPKPbc	16:12:30.493		21.6		2.26		TAS				m_e	
GRA1	151.30		PP	16:13:52.448		21.3		4.87		TAS				m_e	
GTTG	149.75		PKPdf	16:10:01.897	-0.0	21.7		1.53		TAS				m_e	
GTTG	149.75		PKPbc	16:10:07.617	0.2	18.1		2.35		TAS				m_e	
GTTG	149.75		PP	16:13:43.592		21.3		4.87		TAS				m_e	
HLG	147.45		PKPbc	16:10:02.285	-0.1	18.1		2.35		TAS				m_e	
IBBN	149.31		PKPdf	16:10:00.893	-0.0	21.7		1.53		TAS				m_e	
IBBN	149.31		PKPbc	16:10:06.700	0.1	18.1		2.35		TAS				m_e	
KAST	150.31		PKPdf	16:10:02.541	-0.1	21.7		1.53		TAS				m_e	
KAST	150.31		PKPbc	16:10:08.993	0.1	18.1		2.35		TAS				m_e	
MANZ	150.84		PKPdf	16:10:03.467	-0.1	21.7		1.53		TAS				m_e	
MANZ	150.84		PKPbc	16:10:10.311	0.4	18.1		2.35		TAS				m_e	
MANZ	150.84		pPKPbc	16:12:29.762		21.6		2.26		TAS				m_e	
MOX	150.31		PKPdf	16:10:02.476	0.3	21.7		1.53		TAS				m_e	
MOX	150.31		PKPbc	16:10:08.706	0.0	18.1		2.35		TAS				m_e	
MOX	150.31		PKPab	16:10:17.528						T__				m_e	
MOX	150.31		pPKPbc	16:12:28.354		21.6		2.26		TAS				m_e	
MOX	150.31		PP	16:13:46.589		21.3		4.87		TAS				m_e	

NEUB	149.76	PKPbc	16:10:07.559	0.1	18.1	2.35	TAS	m_e
NRDL	148.81	PKPdf	16:10:00.360	-0.1	21.7	1.53	TAS	m_e
NRDL	148.81	PKPbc	16:10:05.094	-0.2	18.1	2.35	TAS	m_e
PLN	150.35	PKPdf	16:10:02.453	0.2	21.7	1.53	TAS	m_e
PLN	150.35	PKPbc	16:10:09.107	0.3	18.1	2.35	TAS	m_e
RETH	148.68	PKPdf	16:10:00.335	0.0	21.7	1.53	TAS	m_e
RETH	148.68	PKPbc	16:10:04.922	-0.1	18.1	2.35	TAS	m_e
RETH	148.68	PP	16:13:35.855	0.3	21.3	4.87	TAS	m_e
RGN	146.28	PKPbc	16:09:58.735	-0.5	18.1	2.35	TAS	m_e
ROTZ	151.02	PKPdf	16:10:03.157	0.4	21.7	1.53	TAS	m_e
ROTZ	151.02	PKPbc	16:10:10.254	-0.1	18.1	2.35	TAS	m_e
ROTZ	151.02	pPKPbc	16:12:29.950		21.6	2.26	TAS	m_e
ROTZ	151.02	PP	16:13:50.737		21.3	4.87	TAS	m_e
RUE	148.13	PKPdf	16:09:59.436	-0.4	21.7	1.53	TAS	m_e
RUE	148.13	PKPbc	16:10:03.374	-0.2	18.1	2.35	TAS	m_e
STU	152.56	PKPdf	16:10:06.295		21.7	1.53	TAS	m_e
STU	152.56	PKPbc	16:10:13.751	-0.2	18.1	2.35	TAS	m_e
STU	152.56	pPKPbc	16:12:33.931		21.6	2.26	TAS	m_e
TANN	150.35	PKPdf	16:10:02.510	-0.3	21.7	1.53	TAS	m_e
TANN	150.35	PKPbc	16:10:09.107	0.3	18.1	2.35	TAS	m_e
TNS	151.27	PKPdf	16:10:04.254	-0.2	21.7	1.53	TAS	m_e
TNS	151.27	PKPbc	16:10:11.401	0.3	18.1	2.35	TAS	m_e
TNS	151.27	pPKPbc	16:12:31.120		21.6	2.26	TAS	m_e
UBBA	150.45	PKPdf	16:10:02.737	0.4	21.7	1.53	TAS	m_e
UBBA	150.45	PKPbc	16:10:09.050	0.0	18.1	2.35	TAS	m_e
UBBA	150.45	pPKPbc	16:12:28.526		21.6	2.26	TAS	m_e
UBR	153.44	PKPdf	16:10:06.907		21.7	1.53	TAS	m_e
UBR	153.44	PKPbc	16:10:15.643		18.1	2.35	TAS	m_e
UBR	153.44	pPKPbc	16:12:35.149		21.6	2.26	TAS	m_e
WERD	150.36	PKPdf	16:10:02.598	0.1	21.7	1.53	TAS	m_e
WERD	150.36	PKPbc	16:10:09.165	0.4	18.1	2.35	TAS	m_e
WERN	150.49	PKPdf	16:10:03.034	-0.5	21.7	1.53	TAS	m_e
WERN	150.49	PKPbc	16:10:09.566	0.4	18.1	2.35	TAS	m_e
WERN	150.49	PKPab	16:10:18.772				T__	m_e
WERN	150.49	PP	16:13:47.970		21.3	4.87	TAS	m_e
WET	151.45	PKPdf	16:10:03.622		21.7	1.53	TAS	m_e
WET	151.45	PKPbc	16:10:11.171	-0.2	18.1	2.35	TAS	m_e
WET	151.45	PKPab	16:10:22.714				T__	m_e
WET	151.45	pPKPbc	16:12:30.911		21.6	2.26	TAS	m_e
WET	151.45	PP	16:13:53.422		21.3	4.87	TAS	m_e
WLF	152.09	PKPdf	16:10:06.118		21.7	1.53	TAS	m_e
WLF	152.09	PKPbc	16:10:13.579	0.3	18.1	2.35	TAS	m_e
WLF	152.09	pPKPbc	16:12:33.529		21.6	2.26	TAS	m_e

OrigID
 2016/02/20 15:56:15.70 -21.8900 -179.4300 600.0 11 147.16 153.15 m i ke EMSC
 60220038

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	150.95		PKPbc	16:15:03.273	0.4	20.7		2.29		TAS					m_e	
AHRW	150.95		PKPab	16:15:08.495		9.7		4.03		TAS					m_e	
ASSE	148.82		PKPbc	16:14:58.457	-0.1	20.7		2.29		TAS					m_e	
BFO	152.90		PKPbc	16:15:07.496	0.2	20.7		2.29		TAS					m_e	
BFO	152.90		PKPab	16:15:21.511		9.7		4.03		TAS					m_e	
BRG	149.24		PKPbc	16:14:59.765	0.1	20.7		2.29		TAS					m_e	
BRG	149.24		PKPab	16:15:06.666	0.7	9.7		4.03		TAS					m_e	
BSEG	147.16		PKPbc	16:14:54.354		20.7		2.29		TAS					m_e	
BSEG	147.16		PKPab	16:14:58.075		9.7		4.03		TAS					m_e	
BUG	150.05		PKPbc	16:15:01.133	-0.1	20.7		2.29		TAS					m_e	
CLL	149.08		PKPbc	16:14:59.111	-0.3	20.7		2.29		TAS					m_e	
CLL	149.08		PKPab	16:15:05.739		9.7		4.03		TAS					m_e	
CLZ	149.15		PKPbc	16:14:59.587	0.0	20.7		2.29		TAS					m_e	
FBE	149.34		PKPbc	16:15:00.241	-0.1	20.7		2.29		TAS					m_e	
FLT1	148.51		PKPbc	16:14:57.505	0.1	20.7		2.29		TAS					m_e	
FLT1	148.51		PKPab	16:15:03.194		9.7		4.03		TAS					m_e	
GEC2	151.14		PKPbc	16:15:03.868	-0.3	20.7		2.29		TAS					m_e	
GTTG	149.51		PKPbc	16:15:00.300	-0.3	20.7		2.29		TAS					m_e	
HLG	147.28		PKPbc	16:14:54.948		20.7		2.29		TAS					m_e	
IBBN	149.13		PKPbc	16:14:59.111	-0.1	20.7		2.29		TAS					m_e	
KAST	150.11		PKPbc	16:15:01.549	-0.0	20.7		2.29		TAS					m_e	
MANZ	150.52		PKPbc	16:15:02.798	0.2	20.7		2.29		TAS					m_e	
MOX	150.02		PKPbc	16:15:01.430	-0.3	20.7		2.29		TAS					m_e	
NRDL	148.58		PKPbc	16:14:57.862	-0.2	20.7		2.29		TAS					m_e	
PLN	150.04		PKPbc	16:15:01.489	0.2	20.7		2.29		TAS					m_e	
RETH	148.47		PKPbc	16:14:57.505	-0.3	20.7		2.29		TAS					m_e	
RETH	148.47		PKPab	16:15:02.877		9.7		4.03		TAS					m_e	
RJOB	152.40		PKPbc	16:15:06.332	-0.7	20.7		2.29		TAS					m_e	
RJOB	152.40		PKPab	16:15:20.915	0.3	9.7		4.03		TAS					m_e	
ROTZ	150.70		PKPbc	16:15:02.857	0.3	20.7		2.29		TAS					m_e	
RUE	147.81		PKPbc	16:14:55.959	0.3	20.7		2.29		TAS					m_e	
TANN	150.03		PKPbc	16:15:01.668	0.2	20.7		2.29		TAS					m_e	
TNS	151.05		PKPbc	16:15:03.749	0.4	20.7		2.29		TAS					m_e	
TNS	151.05		PKPab	16:15:14.117		9.7		4.03		TAS					m_e	
UBR	153.15		PKPbc	16:15:08.167		20.7		2.29		TAS					m_e	
WERD	150.04		PKPbc	16:15:01.549	0.4	20.7		2.29		TAS					m_e	
WERN	150.17		PKPbc	16:15:01.906	0.3	20.7		2.29		TAS					m_e	
WERN	150.17		PKPab	16:15:10.844	1.5	9.7		4.03		TAS					m_e	
WET	151.10		PKPbc	16:15:03.809	-0.1	20.7		2.29		TAS					m_e	
WET	151.10		PKPab	16:15:14.925	0.1	9.7		4.03		TAS					m_e	
WLF	151.93		PKPbc	16:15:06.068	-0.2	20.7		2.29		TAS					m_e	

Event 60220007 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/20	16:48:26.50			4.8900	-32.7900				10.0					58.01	58.01	m i ke	EMSC
OrigID 60220039																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	58.01		P	16:58:19.374		234.7		6.50		TAS					m_e

Event 60220008 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/20	21:34:01.80			-19.1400	-177.2800				540.0				25	145.63	150.90	m i ke	EMSC
OrigID 60220040																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.53		PKPbc	21:52:53.648		15.5		2.51		TAS					m_e
BRG	147.11		PKPbc	21:52:45.347	0.2	15.5		2.51		TAS					m_e
CLL	146.89		PKPbc	21:52:44.678	0.3	15.5		2.51		TAS					m_e
CLZ	146.82		PKPbc	21:52:44.757	0.1	15.5		2.51		TAS					m_e
FBE	147.19		PKPbc	21:52:45.898	0.4	15.5		2.51		TAS					m_e
FLT1	146.21		PKPbc	21:52:42.515	0.0	15.5		2.51		TAS					m_e
FUR	150.23		PKPbc	21:52:52.900		15.5		2.51		TAS					m_e
GEC2	149.07		PKPbc	21:52:50.265		15.5		2.51		TAS					m_e
GTTG	147.16		PKPbc	21:52:45.465	-0.3	15.5		2.51		TAS					m_e
KAST	147.69		PKPbc	21:52:46.842	0.2	15.5		2.51		TAS					m_e
MANZ	148.32		PKPbc	21:52:48.730	-0.3	15.5		2.51		TAS					m_e
MOX	147.78		PKPbc	21:52:47.039	0.0	15.5		2.51		TAS					m_e
NRDL	146.22		PKPbc	21:52:42.751	0.0	15.5		2.51		TAS					m_e
RJOB	150.32		PKPbc	21:52:53.018		15.5		2.51		TAS					m_e
ROTZ	148.51		PKPbc	21:52:49.124		15.5		2.51		TAS					m_e
RUE	145.63		PKPbc	21:52:41.138	0.2	15.5		2.51		TAS					m_e
STU	149.98		PKPbc	21:52:52.546		15.5		2.51		TAS					m_e
TANN	147.84		PKPbc	21:52:47.353	0.0	15.5		2.51		TAS					m_e
TNS	148.65		PKPbc	21:52:49.517		15.5		2.51		TAS					m_e
UBBA	147.87		PKPbc	21:52:46.921	-0.2	15.5		2.51		TAS					m_e
UBR	150.90		PKPbc	21:52:54.474		15.5		2.51		TAS					m_e
WERD	147.84		PKPbc	21:52:47.471	0.4	15.5		2.51		TAS					m_e
WERN	147.98		PKPbc	21:52:47.865	-0.4	15.5		2.51		TAS					m_e

WET	148.97	PKPbc	21:52:50.028	15.5	2.51	TAS	m_e
WLF	149.42	PKPbc	21:52:51.799	15.5	2.51	TAS	m_e

Event 60221002 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/21	01:25:59.96			4.3250	-32.0020				10.0			14		55.73	60.24	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	60221008
Ms	4.9		BGR	60221008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	55.73		P	01:35:38.072		233.5		7.01		TAS		22.1	1.29	m_e mb	5.0
BRG	60.18		P	01:36:09.245		233.5		7.01		TAS		31.2	1.51	m_e mb	5.1
BSEG	60.24		P	01:36:08.808	0.4	233.5		7.01		TAS		60.3	1.36	m_e mb	5.4
FBE	59.90		P	01:36:07.513		233.5		7.01		TAS		25.4	1.18	m_e mb	5.1
FLT1	59.67		P	01:36:05.193	0.2	233.5		7.01		TAS		42.0	1.71	m_e mb	5.2
GEC2	58.92		P	01:36:00.361		233.5		7.01		TAS		26.7	1.31	m_e mb	5.1
GRA1	58.07		L	01:59:20.585						T__		1098.9	18.80	a_e Ms	5.0
KAST	57.60		P	01:35:50.781	0.0	233.5		7.01		TAS		18.9	1.14	m_e mb	5.0
MOX	58.84		L	01:57:27.911						T__		904.2	21.90	a_e Ms	4.9
NRDL	59.23		P	01:36:02.748	-0.2	233.5		7.01		TAS		28.2	1.22	m_e mb	5.2
PLN	59.03		P	01:36:01.325		233.5		7.01		TAS		35.4	1.28	m_e mb	5.2
RETH	59.03		P	01:36:01.144	-0.3	233.5		7.01		TAS		25.6	1.31	m_e mb	5.1
ROTZ	58.63		P	01:35:58.173		233.5		7.01		TAS		5.2	1.18	m_e mb	4.4
TANN	59.14		P	01:36:02.048		233.5		7.01		TAS		32.9	1.17	m_e mb	5.3
WERN	59.02		P	01:36:00.923		233.5		7.01		TAS		31.2	1.21	m_e mb	5.2
WET	58.63		P	01:35:58.079		233.5		7.01		TAS		27.9	1.48	m_e mb	5.1

Event 60221003 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/21	02:26:30.71			5.3470	-30.9800				10.0					56.67	56.67	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
-----------	-----	------	--------	--------

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	56.67		P	02:36:14.929		227.7		6.84		TAS				m_e	

Event 60221004 Hindu Kush, Afghanistan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/21	09:12:07.19			36.5170	70.9480				180.6			29		42.58	47.68	m i ke	BGR
OrigID 60221010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	60221010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	46.96		P	09:20:21.378		85.2		7.84		TAS		51.4	0.65	m_e mb	5.8
ASSE	44.54		P	09:20:01.875	-0.1	85.2		7.84		TAS		22.5	0.82	m_e mb	5.1
BFO	46.49		P	09:20:16.918		85.2		7.84		TAS				m_e	
BRG	42.58		P	09:19:46.939	-0.2	85.2		7.84		TAS		86.2	0.78	m_e mb	5.5
BSEG	44.65		P	09:20:03.577	0.1	85.2		7.84		TAS		199.2	0.74	m_e mb	6.1
BUG	46.71		P	09:20:19.355		85.2		7.84		TAS		74.3	1.01	m_e mb	5.8
CLL	43.15		P	09:19:50.924	-0.7	85.2		7.84		TAS		55.0	0.74	m_e mb	5.4
CLZ	44.75		P	09:20:04.053	-0.4	85.2		7.84		TAS		67.9	0.77	m_e mb	5.6
FBE	42.95		P	09:19:50.519	0.5	85.2		7.84		TAS		105.6	0.82	m_e mb	5.6
FLT1	44.18		P	09:19:59.104	1.0	85.2		7.84		TAS		273.1	0.73	m_e mb	6.1
FUR	44.57		P	09:20:03.123	0.3	85.2		7.84		TAS		51.9	1.00	m_e mb	5.4
GEC2	42.89		P	09:19:49.033	-0.1	85.2		7.84		TAS				m_e	
GRA1	44.42		P	09:20:02.161	0.8	85.2		7.84		TAS		38.9	0.69	m_e mb	5.3
GRA1	44.42		pP	09:20:41.201	-0.2					T_				m_e	
GTTG	45.03		P	09:20:06.415	0.1	85.2		7.84		TAS		122.4	0.78	m_e mb	5.9
IBBN	46.31		P	09:20:16.273		85.2		7.84		TAS		164.0	0.71	m_e mb	6.2
MANZ	43.82		P	09:19:57.104	-0.5	85.2		7.84		TAS		10.7	0.96	m_e mb	4.5
MOX	44.07		P	09:19:58.717	-0.6	85.2		7.84		TAS		46.9	0.95	m_e mb	5.2
NEUB	43.93		P	09:19:57.385	0.8	85.2		7.84		TAS		103.3	0.79	m_e mb	5.6
NRDL	44.86		P	09:20:05.158	0.1	85.2		7.84		TAS		88.2	0.78	m_e mb	5.8
PLN	43.74		P	09:19:56.053	-0.3	85.2		7.84		TAS		30.6	0.86	m_e mb	5.0
RGN	42.88		P	09:19:49.509	0.9	85.2		7.84		TAS		800.7	1.04	m_e mb	6.4
RUE	42.62		P	09:19:46.646	-0.7	85.2		7.84		TAS		151.4	0.83	m_e mb	5.8
STU	45.85		P	09:20:12.585	-0.2	85.2		7.84		TAS		100.8	0.79	m_e mb	5.9
TANN	43.55		P	09:19:54.650	-0.1	85.2		7.84		TAS		34.6	1.01	m_e mb	5.0
TNS	46.13		P	09:20:14.829	0.2	85.2		7.84		TAS		36.1	1.14	m_e mb	5.3
UBBA	45.08		P	09:20:06.359	-0.1	85.2		7.84		TAS		36.2	0.59	m_e mb	5.5
UBR	45.41		P	09:20:08.724	-0.4	85.2		7.84		TAS		42.1	0.55	m_e mb	5.6
WERD	43.65		P	09:19:55.379	0.3	85.2		7.84		TAS		42.1	1.05	m_e mb	5.1
WLF	47.68		P	09:20:27.235		85.2		7.84		TAS		82.9	0.82	m_e mb	5.9

Event 60221006 Volcano Islands, Japan, region

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

2016/02/21 21:26:44.26 25.7500 142.7500 41.6 0.8 26 90.29 95.71 m i ke BGR
60221012

Magnitude Err Nsta Author OrigID
mb 5.7 BGR 60221012
Ms 5.3 BGR 60221012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	95.71		P	21:40:09.286	-0.1	42.2		4.58		TAS		40.8	1.15	a_e	mb 5.8
BFO	95.71		pP	21:40:21.449		42.6		4.58		TAS				m_e	
BRG	91.37		P	21:39:49.486	-0.1	42.2		4.58		TAS		38.2	1.07	a_e	mb 5.7
BRG	91.37		pP	21:40:01.623	-0.4	42.6		4.63		TAS				m_e	
BSEG	90.65		P	21:39:46.286	0.1	42.2		4.58		TAS		60.1	0.96	a_e	mb 5.9
BSEG	90.65		pP	21:39:58.576	-0.0	42.6		4.63		TAS				m_e	
CLL	91.47		P	21:39:49.686	-0.3	42.2		4.58		TAS		62.4	1.09	a_e	mb 5.9
CLZ	92.19		P	21:39:53.536	0.2	42.2		4.58		TAS		67.3	1.55	a_e	mb 5.7
FBE	91.59		P	21:39:50.836	0.2	42.2		4.58		TAS		92.6	1.08	a_e	mb 6.0
FLT1	91.47		P	21:39:49.486	-0.5	42.2		4.58		TAS		44.6	1.15	a_e	mb 5.7
FLT1	91.47		pP	21:40:01.721	-0.1	42.6		4.63		TAS				m_e	
FUR	94.53		P	21:40:04.286	0.2	42.2		4.58		TAS		99.5	1.07	m_e	mb 6.2
FUR	94.53		pP	21:40:16.518		42.6		4.63		TAS				m_e	
GEC2	92.92		P	21:39:56.436	-0.3	42.2		4.58		TAS		43.0	1.02	a_e	mb 5.8
GEC2	92.92		pP	21:40:08.450		42.6		4.63		TAS				m_e	
GRA1	93.43		P	21:39:59.436	0.4	42.2		4.58		TAS		71.7	1.14	a_e	mb 6.0
GRA1	93.43		pP	21:40:11.650		42.6		4.63		TAS				m_e	
GRA1	93.43		L	22:25:30.061						T__		1102.3	21.70	a_e	Ms 5.3
IBBN	92.89		P	21:39:56.536	0.0	42.2		4.58		TAS		72.0	1.03	a_e	mb 6.0
MANZ	92.82		P	21:39:56.386	0.2	42.2		4.58		TAS		10.0	1.21	a_e	mb 5.1
MANZ	92.82		pP	21:40:08.477		42.6		4.63		TAS				m_e	
MOX	92.55		P	21:39:55.036	0.0	42.2		4.58		TAS		40.0	1.20	a_e	mb 5.7
MOX	92.55		pP	21:40:07.228	-0.3	42.6		4.63		TAS				m_e	
MOX	92.55		L	22:24:53.227						T__		1259.8	21.80	a_e	Ms 5.3
NEUB	92.08		P	21:39:52.736	-0.1	42.2		4.58		TAS		86.5	1.26	a_e	mb 5.9
PLN	92.43		P	21:39:54.486	0.0	42.2		4.58		TAS		31.9	1.21	a_e	mb 5.5
PLN	92.43		pP	21:40:06.488	0.2	42.6		4.63		TAS				m_e	
RETH	91.93		P	21:39:52.036	-0.1	42.2		4.58		TAS		45.3	1.13	a_e	mb 5.7
RJOB	94.14		P	21:40:02.186	-0.1	42.2		4.58		TAS		41.4	1.15	a_e	mb 5.7
RJOB	94.14		pP	21:40:14.605		42.6		4.63		TAS				m_e	
ROTZ	92.93		P	21:39:57.086	0.3	42.2		4.58		TAS		15.5	1.29	a_e	mb 5.3
RUE	90.29		P	21:39:44.586	-0.1	42.2		4.58		TAS		61.8	1.26	a_e	mb 5.7
STU	95.00		P	21:40:06.186	-0.0	42.2		4.58		TAS		121.7	1.10	a_e	mb 6.2
STU	95.00		pP	21:40:18.467		42.6		4.63		TAS				m_e	
TANN	92.35		P	21:39:54.086	0.0	42.2		4.58		TAS		25.1	1.24	a_e	mb 5.4
UBBA	93.11		P	21:39:57.586	0.1	42.2		4.58		TAS		46.5	1.70	a_e	mb 5.6
UBR	95.41		P	21:40:07.786	-0.3	42.2		4.58		TAS				a_e	
WERD	92.40		P	21:39:54.286	0.0	42.2		4.58		TAS		39.7	1.09	a_e	mb 5.7
WERD	92.40		pP	21:40:06.540	0.1	42.6		4.63		TAS				m_e	
WERN	92.48		P	21:39:54.886	0.2	42.2		4.58		TAS		52.2	1.07	a_e	mb 5.8
WERN	92.48		pP	21:40:06.940	-0.0	42.6		4.63		TAS				m_e	

WET 93.08 P 21:39:57.586 0.1 42.2 4.58 TAS 33.7 1.31 a_e mb 5.6

Event 60222001 Strait of Gibraltar

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2016/02/22 03:46:08.64 35.7800 -2.5500 10.0 31 15.16 21.76 m i ke BGR
60222007

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 60222007
Ms 3.9 BGR 60222007

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.

Event 60222005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/22	14:00:03.70			-18.7490	-178.0400				33.0				15	144.29	148.51	m i ke	BGR
OrigID 60222011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.99		PKPbc	14:18:34.072	-0.1	16.8		2.62		TAS					m_e
BRG	146.56		PKPbc	14:18:35.386	-0.0	16.8		2.62		TAS					m_e
BSEG	144.29		PKPbc	14:18:29.220	-0.1	16.8		2.62		TAS					m_e
CLL	146.36		PKPbc	14:18:34.780	0.1	16.8		2.62		TAS					m_e
CLZ	146.32		PKPbc	14:18:34.881	0.3	16.8		2.62		TAS					m_e
FLT1	145.71		PKPbc	14:18:32.960	0.0	16.8		2.62		TAS					m_e
GEC2	148.51		PKPbc	14:18:40.037		16.8		2.62		TAS					m_e
GRA1	148.25		PKPbc	14:18:40.037		16.8		2.62		TAS					m_e
KAST	147.22		PKPbc	14:18:37.105		16.8		2.62		TAS					m_e
MANZ	147.79		PKPbc	14:18:38.621		16.8		2.62		TAS					m_e
MOX	147.26		PKPbc	14:18:37.206		16.8		2.62		TAS					m_e
NEUB	146.71		PKPbc	14:18:35.791	-0.5	16.8		2.62		TAS					m_e
ROTZ	147.98		PKPbc	14:18:39.026		16.8		2.62		TAS					m_e
TNS	148.17		PKPbc	14:18:39.430		16.8		2.62		TAS					m_e
WERN	147.45		PKPbc	14:18:37.914		16.8		2.62		TAS					m_e

Event 60223008 South of Australia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/23	18:08:46.56			-63.1720	144.5790				10.0				4	149.49	152.14	m i ke	BGR
OrigID 60223014																	

Magnitude Err Nsta Author OrigID

Ms 5.6 BGR 60223014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	151.93		PKPbc	18:28:41.613		136.1		2.40		TAS					m_e
BRG	151.24		PKPbc	18:28:40.205	-0.2	136.1		2.40		TAS					m_e
BRG	151.24		PKPab	18:28:48.452		135.0		3.36		TAS					m_e
CLL	151.97		PKPbc	18:28:41.761		136.1		2.40		TAS					m_e
FBE	151.54		PKPbc	18:28:41.197	0.1	136.1		2.40		TAS					m_e
FBE	151.54		PKPab	18:28:49.385		135.0		3.36		TAS					m_e
FUR	150.49		PKPbc	18:28:38.860	0.4	136.1		2.40		TAS					m_e

mb 5.0 BGR 60224019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	80.14		P	16:22:56.134	0.0	37.0		5.46		TAS		10.4	0.96	m_e	mb 4.7
BSEG	79.08		P	16:22:50.699	0.2	37.0		5.46		TAS		20.3	0.91	m_e	mb 5.1
CLL	80.17		P	16:22:56.227	-0.1	37.0		5.46		TAS		18.8	0.85	m_e	mb 5.0
CLZ	80.74		P	16:22:59.880	0.1	37.0		5.46		TAS		16.0	0.92	m_e	mb 5.0
FBE	80.33		P	16:22:57.555	-0.1	37.0		5.46		TAS		17.7	0.90	m_e	mb 5.0
FLT1	80.03		P	16:22:55.157	-0.5	37.0		5.46		TAS		20.3	0.98	m_e	mb 5.0
GEC2	81.81		P	16:23:05.061		37.0		5.46		TAS		9.4	1.10	m_e	mb 4.8
GRA1	82.14		P	16:23:07.279		37.0		5.46		TAS		22.3	0.92	m_e	mb 5.3
MANZ	81.56		P	16:23:03.888	0.2	37.0		5.46		TAS		2.4	1.12	m_e	mb 4.2
MOX	81.23		P	16:23:01.897	-0.1	37.0		5.46		TAS		10.3	1.05	m_e	mb 4.8
NEUB	80.73		P	16:22:59.391	0.3	37.0		5.46		TAS		26.8	1.06	m_e	mb 5.2
RETH	80.39		P	16:22:57.463	-0.1	37.0		5.46		TAS		186.7	2.82	m_e	mb 5.5
RJOB	83.06		P	16:23:12.058		37.0		5.46		TAS		17.9	0.97	m_e	mb 5.3
WERN	81.22		P	16:23:02.164	-0.0	37.0		5.46		TAS		9.4	1.01	m_e	mb 4.8
WET	81.92		P	16:23:05.774		37.0		5.46		TAS		8.6	1.00	m_e	mb 4.8

Event 60225013 The Netherlands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/25	12:26:12.60			51.4730	3.0130				5.3					1.09	4.60	m i ke	UCC
OrigID 60225109																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABH	3.29		Pn	12:27:04.743						T__				m_e	
CLZ	4.60		Pn	12:27:23.134						T__				m_e	
KAST	3.40		Pn	12:27:07.318						T__				m_e	
MEM	2.08		Sn	12:27:11.203						T__				m_e	
MEM	2.08		Pn	12:26:47.988						T__				m_e	
MILB	4.32		Pn	12:27:20.025						T__				m_e	
TNS	3.66		Pn	12:27:10.511						T__				m_e	
UCC	1.09		Pg	12:26:33.918						T__				m_e	
WLF	2.70		Pg	12:27:02.597						T__				m_e	

Event 60227002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2016/02/27	18:20:42.64			-18.4300	-177.9100				560.0					27	144.00	150.10	m i ke	BGR
OrigID 60227008																		

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	149.75		PKPbc	18:39:29.307		15.0		2.82		TAS					m_e	
BRG	146.28		PKPbc	18:39:20.259	0.5	15.0		2.82		TAS					m_e	
BSEG	144.00		PKPbc	18:39:12.922	0.2	15.0		2.82		TAS					m_e	
CLL	146.07		PKPbc	18:39:19.180	-0.1	15.0		2.82		TAS					m_e	
CLZ	146.03		PKPbc	18:39:19.594	-0.3	15.0		2.82		TAS					m_e	
FBE	146.37		PKPbc	18:39:20.842	0.4	15.0		2.82		TAS					m_e	
FLT1	145.42		PKPbc	18:39:17.002	0.4	15.0		2.82		TAS					m_e	
FUR	149.41		PKPbc	18:39:28.256		15.0		2.82		TAS					m_e	
GTTG	146.37		PKPbc	18:39:20.517	0.6	15.0		2.82		TAS					m_e	
HLG	144.03		PKPbc	18:39:13.023	-0.5	15.0		2.82		TAS					m_e	
IBBN	145.90		PKPbc	18:39:19.157	0.4	15.0		2.82		TAS					m_e	
MANZ	147.51		PKPbc	18:39:23.724	-0.7	15.0		2.82		TAS					m_e	
MOX	146.97		PKPbc	18:39:22.034	0.3	15.0		2.82		TAS					m_e	
NEUB	146.42		PKPbc	18:39:20.022	0.4	15.0		2.82		TAS					m_e	
NRDL	145.43		PKPbc	18:39:17.652	0.2	15.0		2.82		TAS					m_e	
RJOB	149.49		PKPbc	18:39:28.476		15.0		2.82		TAS					m_e	
ROTZ	147.70		PKPbc	18:39:23.979	-0.6	15.0		2.82		TAS					m_e	
RUE	144.81		PKPbc	18:39:15.429	-0.5	15.0		2.82		TAS					m_e	
STU	149.19		PKPbc	18:39:28.100		15.0		2.82		TAS					m_e	
TANN	147.03		PKPbc	18:39:22.502	0.0	15.0		2.82		TAS					m_e	
TNS	147.88		PKPbc	18:39:24.798	-0.5	15.0		2.82		TAS					m_e	
UBBA	147.08		PKPbc	18:39:22.078	0.4	15.0		2.82		TAS					m_e	
UBR	150.10		PKPbc	18:39:30.094		15.0		2.82		TAS					m_e	
WERD	147.03		PKPbc	18:39:22.441	0.3	15.0		2.82		TAS					m_e	
WERN	147.17		PKPbc	18:39:22.991	-0.4	15.0		2.82		TAS					m_e	
WET	148.15		PKPbc	18:39:25.599		15.0		2.82		TAS					m_e	
WLF	148.67		PKPbc	18:39:27.386		15.0		2.82		TAS					m_e	

Event 60227003 West of Macquarie Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2016/02/27	21:29:44.83			-52.6300	141.6200				33.0			34		147.44	152.75	m i ke	BGR
60227009																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	152.03		PKPbc	21:49:36.977	0.1	113.2		2.54		TAS					a_e	
ASSE	150.51		PKPbc	21:49:32.977	-0.0	113.2		2.54		TAS					a_e	
BFO	150.38		PKPbc	21:49:32.577	-0.3	113.2		2.54		TAS					a_e	
BRG	148.14		PKPbc	21:49:26.977	0.0	113.2		2.54		TAS					a_e	
BSEG	151.31		PKPbc	21:49:35.127	-0.1	113.2		2.54		TAS					a_e	

BUG	152.25	PKPbc	21:49:37.277	-0.1	113.2	2.54	TAS	a_e
CLL	148.86	PKPbc	21:49:28.627	-0.1	113.2	2.54	TAS	a_e
CLZ	150.58	PKPbc	21:49:33.377	0.2	113.2	2.54	TAS	m_e
FBE	148.50	PKPbc	21:49:28.077	0.2	113.2	2.54	TAS	a_e
FLT1	150.26	PKPbc	21:49:32.027	-0.3	113.2	2.54	TAS	a_e
FUR	148.54	PKPbc	21:49:28.027	-0.1	113.2	2.54	TAS	a_e
GRA1	149.25	PKPbc	21:49:30.077	0.3	113.2	2.54	TAS	a_e
GTTG	150.71	PKPbc	21:49:33.627	0.2	113.2	2.54	TAS	a_e
HLG	152.75	PKPbc	21:49:38.527	-0.4	113.2	2.54	TAS	a_e
IBBN	152.26	PKPbc	21:49:37.377	-0.0	113.2	2.54	TAS	a_e
KAST	151.49	PKPbc	21:49:35.577	0.2	113.2	2.54	TAS	a_e
MANZ	148.85	PKPbc	21:49:29.077	0.4	113.2	2.54	TAS	a_e
MOX	149.41	PKPbc	21:49:30.327	0.2	113.2	2.54	TAS	a_e
NEUB	149.53	PKPbc	21:49:30.427	-0.0	113.2	2.54	TAS	a_e
NRDL	150.97	PKPbc	21:49:34.377	0.2	113.2	2.54	TAS	a_e
PLN	149.03	PKPbc	21:49:29.377	0.2	113.2	2.54	TAS	a_e
RETH	151.47	PKPbc	21:49:35.477	0.0	113.2	2.54	TAS	a_e
RGN	149.81	PKPbc	21:49:31.477	-0.3	113.2	2.54	TAS	a_e
RJOB	147.44	PKPbc	21:49:24.477	-0.8	113.2	2.54	TAS	a_e
ROTZ	148.70	PKPbc	21:49:28.427	0.1	113.2	2.54	TAS	a_e
RUE	148.86	PKPbc	21:49:28.477	-0.4	113.2	2.54	TAS	a_e
STU	150.06	PKPbc	21:49:31.827	-0.1	113.2	2.54	TAS	a_e
TANN	148.82	PKPbc	21:49:28.877	0.2	113.2	2.54	TAS	a_e
UBBA	150.42	PKPbc	21:49:32.827	0.1	113.2	2.54	TAS	a_e
UBR	149.02	PKPbc	21:49:29.427	-0.1	113.2	2.54	TAS	a_e
WERD	148.92	PKPbc	21:49:29.077	0.2	113.2	2.54	TAS	a_e
WERN	148.82	PKPbc	21:49:29.277	0.7	113.2	2.54	TAS	a_e
WET	148.03	PKPbc	21:49:26.427	-0.2	113.2	2.54	TAS	a_e
WLF	152.24	PKPbc	21:49:37.527	0.0	113.2	2.54	TAS	a_e

Event 60228002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/28	11:32:08.98			-18.6100	-177.4440				450.0			27		144.24	150.36	m i ke	BGR
60228008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.95		PKPbc	11:50:57.208	0.4	15.7		2.67		TAS				m_e	
BFO	149.99		PKPbc	11:51:07.882		15.7		2.67		TAS				m_e	
BRG	146.56		PKPbc	11:50:59.185	0.6	15.7		2.67		TAS				m_e	
BSEG	144.24		PKPbc	11:50:52.017	-0.3	15.7		2.67		TAS				m_e	
BUG	147.03		PKPbc	11:51:00.271	0.1	15.7		2.67		TAS				m_e	
CLL	146.34		PKPbc	11:50:58.469	0.2	15.7		2.67		TAS				m_e	
CLZ	146.27		PKPbc	11:50:58.670	0.1	15.7		2.67		TAS				m_e	

FBE	146.64	PKPbc	11:50:59.830	-0.3	15.7	2.67	TAS	m_e
FLT1	145.67	PKPbc	11:50:56.239	1.1	15.7	2.67	TAS	m_e
FUR	149.68	PKPbc	11:51:07.277		15.7	2.67	TAS	m_e
GTTG	146.62	PKPbc	11:50:59.451	0.2	15.7	2.67	TAS	m_e
HLG	144.25	PKPbc	11:50:52.808	-0.4	15.7	2.67	TAS	m_e
IBBN	146.13	PKPbc	11:50:59.187	0.0	15.7	2.67	TAS	m_e
KAST	147.15	PKPbc	11:51:00.743	0.1	15.7	2.67	TAS	m_e
MANZ	147.77	PKPbc	11:51:02.556	-0.1	15.7	2.67	TAS	m_e
MOX	147.23	PKPbc	11:51:00.882	0.1	15.7	2.67	TAS	m_e
NEUB	146.68	PKPbc	11:50:59.511	0.0	15.7	2.67	TAS	m_e
NRDL	145.67	PKPbc	11:50:56.469	-0.2	15.7	2.67	TAS	m_e
RJOB	149.77	PKPbc	11:51:07.027		15.7	2.67	TAS	m_e
ROTZ	147.96	PKPbc	11:51:03.054	-0.4	15.7	2.67	TAS	m_e
RUE	145.08	PKPbc	11:50:54.650	-0.2	15.7	2.67	TAS	m_e
TANN	147.30	PKPbc	11:51:01.133	0.3	15.7	2.67	TAS	m_e
TNS	148.11	PKPbc	11:51:03.242	-0.5	15.7	2.67	TAS	m_e
UBR	150.36	PKPbc	11:51:08.609		15.7	2.67	TAS	m_e
WERD	147.29	PKPbc	11:51:01.062	0.3	15.7	2.67	TAS	m_e
WERN	147.44	PKPbc	11:51:01.820	0.4	15.7	2.67	TAS	m_e
WLF	148.88	PKPbc	11:51:05.959		15.7	2.67	TAS	m_e

Event 60228003 Jan Mayen Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/28	18:24:50.64			71.2200	-1.0400				10.0			25		18.06	24.45	m i ke	BGR
OrigID 60228009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	60228009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	21.08	P		18:29:36.335	0.8	350.8		10.54		TAS		53.4	1.18	m_e mb	4.8
ASSE	19.87	P		18:29:23.418	-0.1	350.8		10.54		TAS		305.1	2.56	m_e mb	5.1
BFO	23.38	P		18:30:00.370		350.8		10.54		TAS		46.7	1.28	m_e mb	4.9
BRG	21.53	P		18:29:42.704	1.2	350.8		10.54		TAS		57.0	1.60	m_e mb	4.8
BSEG	18.06	P		18:29:04.025	-1.0	350.8		10.54		TAS		45.5	1.21	m_e mb	4.5
BUG	20.21	P		18:29:26.911	-0.1	350.8		10.54		TAS		71.6	1.31	m_e mb	4.7
CLL	20.98	P		18:29:34.945	-0.1	350.8		10.54		TAS		50.3	1.46	m_e mb	4.6
CLZ	20.12	P		18:29:26.506	-0.4	350.8		10.54		TAS		108.8	1.63	m_e mb	4.8
FBE	21.40	P		18:29:39.660	0.2	350.8		10.54		TAS		46.0	1.28	m_e mb	4.7
FLT1	19.74	P		18:29:21.641	-0.1	350.8		10.54		TAS		68.0	1.63	m_e mb	4.6
GTTG	20.37	P		18:29:29.291	1.4	350.8		10.54		TAS		114.6	1.97	m_e mb	4.8
KAST	20.55	P		18:29:31.160	0.3	350.8		10.54		TAS		62.7	1.62	m_e mb	4.7
MOX	21.45	P		18:29:40.504	0.2	350.8		10.54		TAS		80.5	1.73	m_e mb	4.8
NEUB	20.93	P		18:29:34.632	0.3	350.8		10.54		TAS		44.0	0.98	m_e mb	4.8
NRDL	19.45	P		18:29:19.334	-0.3	350.8		10.54		TAS		68.0	1.56	m_e mb	4.6

PLN	21.67	P	18:29:42.998	-1.1	350.8	10.54	TAS	63.0	1.43	m_e	mb	4.8
RJOB	24.45	P	18:30:12.695		350.8	10.54	TAS	56.8	2.02	m_e	mb	4.7
ROTZ	22.38	P	18:29:48.923		350.8	10.54	TAS	5.4	1.39	m_e	mb	3.8
RUE	19.95	P	18:29:24.536	0.1	350.8	10.54	TAS	188.1	1.95	m_e	mb	5.0
TNS	21.52	P	18:29:42.062	-1.4	350.8	10.54	TAS			m_e		
UBBA	21.09	P	18:29:38.439	2.3	350.8	10.54	TAS	154.7	1.98	m_e	mb	5.0
UBR	24.20	P	18:30:08.406		350.8	10.54	TAS	788.6	4.36	m_e	mb	5.6
WERN	21.89	P	18:29:45.276	0.5	350.8	10.54	TAS	44.7	1.68	m_e	mb	4.6
WET	23.08	P	18:29:56.431		350.8	10.54	TAS	48.7	1.82	m_e	mb	4.7
WLF	21.88	P	18:29:44.886		350.8	10.54	TAS	58.4	1.45	m_e	mb	4.8

Event 60229006 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/29	19:47:51.70			26.4400	122.7200				33.0			25		80.81	85.64	m i ke	BGR
60229012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	60229012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	80.81		P	20:00:02.952	-0.2	57.2		5.17		TAS		5.9	0.77	m_e	mb	4.7
BSEG	81.08		P	20:00:04.996	-0.3	57.2		5.17		TAS		9.3	0.76	m_e	mb	4.9
BUG	84.02		P	20:00:18.257		57.2		5.17		TAS		9.1	0.95	m_e	mb	5.0
CLL	81.09		P	20:00:04.165	-0.8	57.2		5.17		TAS		7.9	0.68	m_e	mb	4.9
CLZ	82.19		P	20:00:11.013	-0.2	57.2		5.17		TAS		9.1	0.90	m_e	mb	4.9
FBE	81.10		P	20:00:04.197	-0.1	57.2		5.17		TAS		8.0	0.79	m_e	mb	4.8
FLT1	81.48		P	20:00:05.575	-0.1	57.2		5.17		TAS		6.1	0.76	m_e	mb	4.7
FUR	83.71		P	20:00:18.545		57.2		5.17		TAS		18.6	0.81	m_e	mb	5.4
GRA1	82.91		P	20:00:14.643	0.1	57.2		5.17		TAS		8.3	0.92	m_e	mb	5.0
GTTG	82.57		P	20:00:12.288	0.0	57.2		5.17		TAS		5.8	0.80	m_e	mb	4.9
GUNZ	81.95		P	20:00:08.715	-0.0	57.2		5.17		TAS		6.0	0.75	m_e	mb	4.8
IBBN	83.27		P	20:00:15.376		57.2		5.17		TAS		11.7	0.73	m_e	mb	5.2
KAST	83.57		P	20:00:16.688		57.2		5.17		TAS		3.2	0.82	m_e	mb	4.6
MANZ	82.27		P	20:00:10.465	-0.5	57.2		5.17		TAS		0.9	0.92	m_e	mb	3.9
MOX	82.19		P	20:00:09.222	0.2	57.2		5.17		TAS		2.7	0.82	m_e	mb	4.4
NRDL	81.97		P	20:00:09.554	0.3	57.2		5.17		TAS		4.9	0.89	m_e	mb	4.6
RJOB	83.08		P	20:00:14.468		57.2		5.17		TAS		9.4	0.82	m_e	mb	5.1
ROTZ	82.33		P	20:00:10.758	-1.2	57.2		5.17		TAS		1.0	0.76	m_e	mb	4.0
TANN	81.85		P	20:00:08.207	0.6	57.2		5.17		TAS		2.3	0.83	m_e	mb	4.3
TNS	84.11		P	20:00:19.996		57.2		5.17		TAS		4.8	0.77	m_e	mb	4.8
UBBA	82.95		P	20:00:14.213	0.3	57.2		5.17		TAS		4.7	1.13	m_e	mb	4.6
UBR	84.64		P	20:00:22.801		57.2		5.17		TAS		6.0	0.76	m_e	mb	4.9
WERN	81.97		P	20:00:09.129	-0.2	57.2		5.17		TAS		5.7	0.80	m_e	mb	4.8
WET	82.29		P	20:00:10.410	0.6	57.2		5.17		TAS		2.1	0.79	m_e	mb	4.3
WLF	85.64		P	20:00:28.236		57.2		5.17		TAS		13.8	0.92	m_e	mb	5.1

Event 60229007 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2016/02/29	21:33:53.43			-19.1100	-174.8300				139.3	7.3		28		145.01	151.22	m i ke	BGR
60229013																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	148.60		PKPbc	21:53:24.282	-0.2	9.5		2.81		TAS					m_e
BFO	150.74		PKPbc	21:53:28.762		9.5		2.81		TAS					m_e
BRG	147.55		PKPbc	21:53:20.618	0.1	9.5		2.81		TAS					m_e
BSEG	145.01		PKPbc	21:53:12.284	0.1	9.5		2.81		TAS					m_e
BUG	147.70		PKPbc	21:53:20.339	0.4	9.5		2.81		TAS					m_e
CLL	147.28		PKPbc	21:53:19.548	0.3	9.5		2.81		TAS					m_e
CLZ	147.08		PKPbc	21:53:19.269	-0.4	9.5		2.81		TAS					m_e
FBE	147.60		PKPbc	21:53:20.804	0.4	9.5		2.81		TAS					m_e
FBE	147.60		pPKPbc	21:53:58.033						T__					m_e
FLT1	146.51		PKPbc	21:53:17.100	-0.0	9.5		2.81		TAS					m_e
FUR	150.60		PKPbc	21:53:28.381		9.5		2.81		TAS					m_e
GRA1	149.11		PKPbc	21:53:24.727		9.5		2.81		TAS					m_e
GTTG	147.41		PKPbc	21:53:19.535	-0.3	9.5		2.81		TAS					m_e
GUNZ	148.30		PKPbc	21:53:22.830	0.4	9.5		2.81		TAS					m_e
IBBN	146.81		PKPbc	21:53:18.343	-0.3	9.5		2.81		TAS					m_e
IBBN	146.81		pPKPbc	21:53:54.984						T__					m_e
KAST	147.87		PKPbc	21:53:20.897	0.5	9.5		2.81		TAS					m_e
MANZ	148.70		PKPbc	21:53:23.894	-0.5	9.5		2.81		TAS					m_e
MOX	148.12		PKPbc	21:53:21.903	0.4	9.5		2.81		TAS					m_e
NRDL	146.46		PKPbc	21:53:17.291	0.4	9.5		2.81		TAS					m_e
NRDL	146.46		pPKPbc	21:53:52.215						T__					m_e
ROTZ	148.90		PKPbc	21:53:24.350	-0.8	9.5		2.81		TAS					m_e
ROTZ	148.90		pPKPbc	21:54:01.480						T__					m_e
RUE	146.03		PKPbc	21:53:15.546	-0.2	9.5		2.81		TAS					m_e
STU	150.23		PKPbc	21:53:27.510		9.5		2.81		TAS					m_e
TANN	148.23		PKPbc	21:53:22.591	0.1	9.5		2.81		TAS					m_e
TNS	148.85		PKPbc	21:53:23.950	-0.4	9.5		2.81		TAS					m_e
TNS	148.85		pPKPbc	21:54:01.480						T__					m_e
UBR	151.22		PKPbc	21:53:29.718		9.5		2.81		TAS					m_e
WERD	148.22		PKPbc	21:53:22.297	0.2	9.5		2.81		TAS					m_e
WERN	148.37		PKPbc	21:53:23.094	-0.2	9.5		2.81		TAS					m_e
WET	149.40		PKPbc	21:53:25.414		9.5		2.81		TAS					m_e
WLF	149.51		PKPbc	21:53:26.309		9.5		2.81		TAS					m_e

