

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

(produced by SZO/BGR - HANNOVER)

February 2015 UPDATED 18.September.2017

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

Event 50201002 Pribilof Islands, Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/01	11:20:30.38			56.8400	-169.8900				33.0				29	69.59	75.85	m i ke	BGR
OrigID 50201008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50201008
Ms	4.2		BGR	50201008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	75.19		P	11:32:09.324		0.8		5.93		TAS		27.5	1.40	m_e mb	5.1
BRG	72.61		P	11:31:54.039	0.3	0.8		5.93		TAS		41.9	1.46	m_e mb	5.4
BSEG	69.59		P	11:31:35.931	0.0	0.8		5.93		TAS		55.4	1.22	m_e mb	5.6
BUG	72.06		P	11:31:50.902	0.4	0.8		5.93		TAS		48.4	1.52	m_e mb	5.4
CLL	72.19		P	11:31:51.220	0.1	0.8		5.93		TAS		26.7	1.18	m_e mb	5.3
CLZ	71.68		P	11:31:49.022	0.0	0.8		5.93		TAS		64.6	1.21	m_e mb	5.6
FBE	72.57		P	11:31:53.851	0.2	0.8		5.93		TAS		85.3	1.68	m_e mb	5.6
FLT1	71.19		P	11:31:45.519	-0.4	0.8		5.93		TAS		32.8	1.31	m_e mb	5.3
FUR	75.36		P	11:32:10.725		0.8		5.93		TAS		68.3	1.46	m_e mb	5.5
GEC2	74.64		P	11:32:06.188		0.8		5.93		TAS		24.3	1.25	m_e mb	5.1
GRA1	73.83		P	11:32:01.752	-0.6	0.8		5.93		TAS		155.2	1.80	m_e mb	5.7
GRA1	73.83		L	12:01:16.322						T__		138.0	18.80	a_e Ms	4.3
GTTG	71.98		P	11:31:50.944	0.0	0.8		5.93		TAS		56.1	1.17	m_e mb	5.6
IBBN	71.20		P	11:31:45.749	-0.1	0.8		5.93		TAS		94.6	1.52	m_e mb	5.7
KAST	72.31		P	11:31:51.778	-0.5	0.8		5.93		TAS		34.9	1.28	m_e mb	5.3
MANZ	73.53		P	11:31:59.678	0.3	0.8		5.93		TAS		23.1	1.28	m_e mb	5.1
MOX	72.87		P	11:31:55.739	0.1	0.8		5.93		TAS		39.2	1.23	m_e mb	5.4
MOX	72.87		L	12:00:59.555						T__		127.3	21.10	a_e Ms	4.2
NEUB	72.32		P	11:31:52.351	-0.9	0.8		5.93		TAS		48.9	1.17	m_e mb	5.5
PLN	73.03		P	11:31:55.691	0.4	0.8		5.93		TAS		50.5	1.94	m_e mb	5.3

RJOB	75.77	P	11:32:12.611		0.8	5.93	TAS	108.8	1.66	m_e	mb	5.7
ROTZ	73.75	P	11:32:01.083	-0.2	0.8	5.93	TAS	30.3	1.46	m_e	mb	5.1
RUE	71.01	P	11:31:44.513	0.6	0.8	5.93	TAS	54.5	1.17	m_e	mb	5.6
TANN	73.09	P	11:31:57.217	0.3	0.8	5.93	TAS	33.0	1.42	m_e	mb	5.3
TNS	73.30	P	11:31:58.105	-0.1	0.8	5.93	TAS	25.9	1.15	m_e	mb	5.3
UBBA	72.71	P	11:31:55.067	-0.1	0.8	5.93	TAS	89.8	1.98	m_e	mb	5.6
UBR	75.85	P	11:32:12.725		0.8	5.93	TAS	51.9	1.33	m_e	mb	5.5
WERD	73.06	P	11:31:56.327	0.1	0.8	5.93	TAS	29.4	1.52	m_e	mb	5.2
WERN	73.22	P	11:31:58.080	0.1	0.8	5.93	TAS	39.3	1.35	m_e	mb	5.4
WET	74.36	P	11:32:04.731		0.8	5.93	TAS	49.0	1.65	m_e	mb	5.3
WLF	73.81	P	11:32:01.209		0.8	5.93	TAS	47.6	1.22	m_e	mb	5.4

Event 50201004 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/01	13:34:10.81			-20.8860	171.3220				33.0			28		144.00	149.39	m i ke	BGR
50201010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	147.90		PKPbc	13:53:52.174		35.9		2.89		TAS					m_e
ASSE	145.38		PKPbc	13:53:44.648	0.3	35.9		2.89		TAS					m_e
BFO	149.39		PKPbc	13:53:55.526		35.9		2.89		TAS					m_e
BRG	145.19		PKPbc	13:53:43.685	0.1	35.9		2.89		TAS					m_e
CLL	145.22		PKPbc	13:53:43.564	0.3	35.9		2.89		TAS					m_e
CLZ	145.72		PKPbc	13:53:45.959	0.3	35.9		2.89		TAS					m_e
FBE	145.39		PKPbc	13:53:44.579	-0.1	35.9		2.89		TAS					m_e
FLT1	145.02		PKPbc	13:53:43.087	0.3	35.9		2.89		TAS					m_e
FUR	148.40		PKPbc	13:53:53.259		35.9		2.89		TAS					m_e
GEC2	146.85		PKPbc	13:53:49.006	-0.1	35.9		2.89		TAS					m_e
GRA1	147.19		PKPbc	13:53:50.081		35.9		2.89		TAS					m_e
GTTG	146.11		PKPbc	13:53:47.077	0.2	35.9		2.89		TAS					m_e
IBBN	146.14		PKPbc	13:53:47.042	0.3	35.9		2.89		TAS					m_e
MANZ	146.62		PKPbc	13:53:48.613	0.2	35.9		2.89		TAS					m_e
MOX	146.27		PKPbc	13:53:47.389	0.2	35.9		2.89		TAS					m_e
NEUB	145.77		PKPbc	13:53:45.824	0.6	35.9		2.89		TAS					m_e
PLN	146.20		PKPbc	13:53:47.242	0.0	35.9		2.89		TAS					m_e
ROTZ	146.75		PKPbc	13:53:48.987	-0.1	35.9		2.89		TAS					m_e
RUE	144.00		PKPbc	13:53:39.659	-0.6	35.9		2.89		TAS					m_e
STU	148.71		PKPbc	13:53:54.152		35.9		2.89		TAS					m_e
TANN	146.14		PKPbc	13:53:47.196	0.4	35.9		2.89		TAS					m_e
TNS	147.74		PKPbc	13:53:51.730		35.9		2.89		TAS					m_e
UBBA	146.71		PKPbc	13:53:48.807	0.0	35.9		2.89		TAS					m_e
UBR	149.26		PKPbc	13:53:54.986		35.9		2.89		TAS					m_e
WERD	146.17		PKPbc	13:53:47.230	0.4	35.9		2.89		TAS					m_e

WERN	146.27	PKPbc	13:53:47.798	0.1	35.9	2.89	TAS	m_e
WET	146.97	PKPbc	13:53:49.415	-0.8	35.9	2.89	TAS	m_e
WLF	148.96	PKPbc	13:53:55.420		35.9	2.89	TAS	m_e

Event 50201005 Pribilof Islands, Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/01	17:40:38.45			57.6000	-171.2900				10.0			19		68.82	73.84	m i ke	BGR
OrigID 50201011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50201011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	72.22		P	17:52:03.116		2.1		6.09		TAS				m_e	
ASSE	70.62		P	17:51:54.191	-0.3	2.1		6.09		TAS		30.6	1.31	m_e mb	5.3
BRG	71.81		P	17:52:00.320		2.1		6.09		TAS		15.4	1.01	m_e mb	5.1
BSEG	68.82		P	17:51:42.673	0.6	2.1		6.09		TAS		41.9	1.05	m_e mb	5.6
CLL	71.40		P	17:51:58.284		2.1		6.09		TAS		23.2	1.15	m_e mb	5.2
CLZ	70.91		P	17:51:55.977	0.2	2.1		6.09		TAS		36.3	0.91	m_e mb	5.5
FLT1	70.41		P	17:51:51.896	0.3	2.1		6.09		TAS		23.3	1.28	m_e mb	5.2
GEC2	73.84		P	17:52:12.953		2.1		6.09		TAS		24.2	1.33	m_e mb	5.1
GRA1	73.05		P	17:52:08.596		2.1		6.09		TAS		76.8	1.57	m_e mb	5.6
GTTG	71.21		P	17:51:57.090		2.1		6.09		TAS		44.2	0.98	m_e mb	5.6
IBBN	70.45		P	17:51:52.116	-0.0	2.1		6.09		TAS		88.2	1.70	m_e mb	5.6
MOX	72.09		P	17:52:02.545		2.1		6.09		TAS		56.7	1.57	m_e mb	5.5
NEUB	71.54		P	17:51:59.295		2.1		6.09		TAS		42.3	1.22	m_e mb	5.4
PLN	72.24		P	17:52:03.498		2.1		6.09		TAS		47.0	1.75	m_e mb	5.3
ROTZ	72.96		P	17:52:07.522		2.1		6.09		TAS		45.7	1.76	m_e mb	5.3
RUE	70.21		P	17:51:50.952		2.1		6.09		TAS		72.4	1.54	m_e mb	5.6
TANN	72.31		P	17:52:03.845		2.1		6.09		TAS		58.4	1.95	m_e mb	5.4
TNS	72.54		P	17:52:05.184		2.1		6.09		TAS		28.1	1.16	m_e mb	5.3
WERN	72.44		P	17:52:04.883		2.1		6.09		TAS				m_e	

Event 50201006 Northern Algeria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/01	20:06:33.02	1.01	1.61	36.1540	2.1790	55.6	24.5	106	10.0			15	334	11.90	16.00	m i ke	BGR
OrigID 50201012																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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ABH	14.27	Pn	20:09:52.186	1.2	T__	m_e
ARSA	14.88	Pn	20:10:00.003	0.8	T__	m_e
BALST	11.90	Pn	20:09:19.073	-0.2	T__	m_e
BERGE	12.52	Pn	20:09:26.756	-0.8	T__	m_e
BFO	12.99	Sn	20:11:44.060	-1.7	T__	m_e
BFO	12.99	Pn	20:09:33.967	0.2	T__	m_e
ECH	12.60	Pn	20:09:28.210	-0.4	T__	m_e
GEC2	15.24	Pn	20:10:03.613	-0.4	T__	m_e
KBA	13.73	Pn	20:09:43.161	-0.5	T__	m_e
METMA	12.40	Pn	20:09:24.108	-1.8	T__	m_e
MOA	14.72	Pn	20:09:56.461	-0.5	T__	m_e
MOX	16.00	Pn	20:10:15.238		T__	m_e
PLONS	12.14	Sn	20:11:29.941	3.9	T__	m_e
RIVT	13.95	Pn	20:09:50.381	3.7	T__	m_e
SLE	12.51	Sn	20:11:32.604	-2.1	T__	m_e
SLE	12.51	Pn	20:09:26.578	-0.8	T__	m_e
SULZ	12.19	Pn	20:09:22.067	-1.0	T__	m_e
WTTA	13.15	Pn	20:09:36.209	0.3	T__	m_e

Event 50202003 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/02	07:20:42.25			-19.9860	170.4420				210.0			20		144.03	148.25	m i ke	BGR
50202009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.25		PKPbc	07:40:03.048		36.6		3.05		TAS					m_e
BRG	144.03		PKPbc	07:39:50.254	-0.1	36.6		3.05		TAS					m_e
BUG	145.94		PKPbc	07:39:56.429		36.6		3.05		TAS					m_e
CLL	144.06		PKPbc	07:39:50.247	0.3	36.6		3.05		TAS					m_e
CLZ	144.59		PKPbc	07:39:52.364	0.2	36.6		3.05		TAS					m_e
FBE	144.23		PKPbc	07:39:51.539	0.1	36.6		3.05		TAS					m_e
GEC2	145.68		PKPbc	07:39:55.771		36.6		3.05		TAS					m_e
GTTG	144.98		PKPbc	07:39:53.976	-0.2	36.6		3.05		TAS					m_e
IBBN	145.03		PKPbc	07:39:53.943	-0.3	36.6		3.05		TAS					m_e
KAST	145.78		PKPbc	07:39:55.974		36.6		3.05		TAS					m_e
MANZ	145.46		PKPbc	07:39:55.120		36.6		3.05		TAS					m_e
MOX	145.12		PKPbc	07:39:53.833		36.6		3.05		TAS					m_e
ROTZ	145.59		PKPbc	07:39:55.672		36.6		3.05		TAS					m_e
TANN	144.98		PKPbc	07:39:53.622	0.1	36.6		3.05		TAS					m_e
UBBA	145.57		PKPbc	07:39:55.605		36.6		3.05		TAS					m_e
UBR	148.10		PKPbc	07:40:02.750		36.6		3.05		TAS					m_e
WERD	145.01		PKPbc	07:39:53.646	-0.4	36.6		3.05		TAS					m_e
WERN	145.11		PKPbc	07:39:54.235	-0.5	36.6		3.05		TAS					m_e

WET	145.80	PKPbc	07:39:56.222	36.6	3.05	TAS	m_e
WLF	147.84	PKPbc	07:40:02.898	36.6	3.05	TAS	m_e

Event 50203001 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/03	07:17:03.49			53.5600	-168.6500				33.0			30		72.87	79.13	m i ke	BGR
50203007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	50203007
Ms	4.9		BGR	50203007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.21		P	07:28:49.151	0.2	0.0		5.68		TAS		254.7	2.16	m_e mb	6.0
ASSE	74.68		P	07:28:40.034	-0.2	0.0		5.68		TAS		274.9	2.10	m_e mb	5.9
BFO	78.45		P	07:29:01.229		0.0		5.68		TAS		284.5	2.23	m_e mb	6.0
BRG	75.92		P	07:28:47.039	-0.2	0.0		5.68		TAS		236.3	2.10	m_e mb	6.0
BSEG	72.87		P	07:28:29.652	0.5	0.0		5.68		TAS		440.2	2.48	m_e mb	6.1
BUG	75.32		P	07:28:43.699	-0.1	0.0		5.68		TAS		265.2	2.00	m_e mb	5.9
CLL	75.50		P	07:28:44.588	0.1	0.0		5.68		TAS		266.4	2.24	m_e mb	5.9
CLZ	74.97		P	07:28:42.085	-0.1	0.0		5.68		TAS		98.3	1.31	m_e mb	5.7
FBE	75.88		P	07:28:47.205	0.0	0.0		5.68		TAS		401.7	2.15	m_e mb	6.2
FLT1	74.48		P	07:28:38.506	0.2	0.0		5.68		TAS		215.1	2.04	m_e mb	5.8
FUR	78.65		P	07:29:02.906		0.0		5.68		TAS		205.9	1.49	m_e mb	5.9
GEC2	77.95		P	07:28:58.565		0.0		5.68		TAS		261.7	2.12	m_e mb	6.0
GRA1	77.12		P	07:28:54.626		0.0		5.68		TAS		450.3	2.08	m_e mb	6.2
GRA1	77.12		L	08:02:14.709						T__		674.6	21.30	a_e Ms	4.9
GTTG	75.26		P	07:28:44.032	0.3	0.0		5.68		TAS		87.3	1.18	m_e mb	5.7
IBBN	74.46		P	07:28:39.093	0.1	0.0		5.68		TAS		83.8	1.13	m_e mb	5.7
KAST	75.58		P	07:28:45.374	0.1	0.0		5.68		TAS		225.5	2.21	m_e mb	5.9
MANZ	76.83		P	07:28:52.270	0.1	0.0		5.68		TAS		181.9	2.15	m_e mb	5.8
NEUB	75.62		P	07:28:45.641	0.3	0.0		5.68		TAS		238.2	1.81	m_e mb	6.0
PLN	76.33		P	07:28:49.530	0.5	0.0		5.68		TAS		213.0	2.25	m_e mb	5.9
ROTZ	77.05		P	07:28:53.855	-0.3	0.0		5.68		TAS		175.4	1.89	m_e mb	5.9
RUE	74.32		P	07:28:38.353	-0.3	0.0		5.68		TAS		277.6	1.83	m_e mb	6.0
STU	78.03		P	07:28:58.986		0.0		5.68		TAS		82.4	1.35	m_e mb	5.7
TANN	76.40		P	07:28:50.103	-0.2	0.0		5.68		TAS		253.8	2.12	m_e mb	6.0
TNS	76.56		P	07:28:50.962	-0.4	0.0		5.68		TAS		275.4	2.32	m_e mb	6.0
UBBA	75.99		P	07:28:47.578	0.2	0.0		5.68		TAS		159.8	2.01	m_e mb	5.8
UBR	79.13		P	07:29:05.177		0.0		5.68		TAS		231.7	2.00	m_e mb	5.9
WERD	76.36		P	07:28:49.856	0.2	0.0		5.68		TAS		217.2	2.18	m_e mb	5.9
WERN	76.52		P	07:28:51.002	-0.3	0.0		5.68		TAS		287.2	2.21	m_e mb	6.0
WET	77.66		P	07:28:57.348		0.0		5.68		TAS		216.9	2.10	m_e mb	5.9
WLF	77.06		P	07:28:53.863		0.0		5.68		TAS		341.7	2.26	m_e mb	6.1

Event 50203002 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/03	07:27:32.99			53.2630	-168.6150				33.0			27		73.17	79.43	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50203008
Ms	5.0		BGR	50203008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.51		P	07:39:17.452	0.1	359.9		5.62		TAS		35.4	1.03	m_e mb	5.4
ASSE	74.98		P	07:39:09.149	0.1	359.9		5.62		TAS		38.9	1.15	m_e mb	5.3
BFO	78.75		P	07:39:29.956		359.9		5.62		TAS		26.7	1.10	m_e mb	5.2
BRG	76.22		P	07:39:15.955	0.0	359.9		5.62		TAS		43.0	1.38	m_e mb	5.4
BSEG	73.17		P	07:38:58.747	0.0	359.9		5.62		TAS		55.4	1.09	m_e mb	5.6
BUG	75.61		P	07:39:12.234	-0.2	359.9		5.62		TAS		34.1	1.13	m_e mb	5.4
CLL	75.79		P	07:39:13.254	0.1	359.9		5.62		TAS		34.7	1.18	m_e mb	5.4
CLZ	75.27		P	07:39:11.028	0.4	359.9		5.62		TAS		56.4	1.30	m_e mb	5.4
FBE	76.18		P	07:39:16.269	0.2	359.9		5.62		TAS		57.7	1.37	m_e mb	5.5
FLT1	74.78		P	07:39:07.249	-0.3	359.9		5.62		TAS		29.1	1.22	m_e mb	5.2
FUR	78.95		P	07:39:31.281		359.9		5.62		TAS		60.4	1.09	m_e mb	5.5
GEC2	78.25		P	07:39:27.305		359.9		5.62		TAS		32.6	1.21	m_e mb	5.3
GRA1	77.42		P	07:39:23.188		359.9		5.62		TAS		74.4	1.37	m_e mb	5.6
GRA1	77.42		L	08:08:22.711						T__		819.8	20.90	a_e Ms	5.0
GTTG	75.56		P	07:39:12.718	-0.1	359.9		5.62		TAS		76.1	1.24	m_e mb	5.7
IBBN	74.76		P	07:39:08.377	-0.4	359.9		5.62		TAS		65.7	1.02	m_e mb	5.6
KAST	75.88		P	07:39:13.800	0.0	359.9		5.62		TAS		29.6	1.15	m_e mb	5.3
MANZ	77.12		P	07:39:21.277	-0.2	359.9		5.62		TAS		23.6	1.32	m_e mb	5.2
NEUB	75.92		P	07:39:14.457	0.2	359.9		5.62		TAS		49.6	1.10	m_e mb	5.6
PLN	76.62		P	07:39:18.454	0.4	359.9		5.62		TAS		21.7	1.06	m_e mb	5.2
ROTZ	77.34		P	07:39:22.511	-0.1	359.9		5.62		TAS		47.3	1.49	m_e mb	5.4
TANN	76.69		P	07:39:18.910	-0.1	359.9		5.62		TAS		29.7	1.33	m_e mb	5.2
TNS	76.86		P	07:39:19.698	-0.3	359.9		5.62		TAS		32.5	1.04	m_e mb	5.4
UBR	79.43		P	07:39:34.066		359.9		5.62		TAS		32.9	1.15	m_e mb	5.3
WERD	76.66		P	07:39:18.585	0.3	359.9		5.62		TAS		26.4	1.31	m_e mb	5.2
WERN	76.82		P	07:39:19.708	-0.2	359.9		5.62		TAS		24.8	1.06	m_e mb	5.3
WET	77.96		P	07:39:25.759		359.9		5.62		TAS		23.6	1.20	m_e mb	5.2
WLF	77.35		P	07:39:22.743		359.9		5.62		TAS		54.5	1.36	m_e mb	5.5

Event 50203005 Eastern Kazakhstan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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2015/02/03 22:47:50.03 49.4560 85.2240 10.0 18 43.41 48.98 m i ke BGR
50203011

Magnitude Err Nsta Author OrigID
mb 4.5 BGR 50203011
Ms 3.5 BGR 50203011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	44.03		P	22:55:56.400	-0.4	60.4		7.89		TAS		2.6	0.65	m_e	mb 4.1
BSEG	44.64		P	22:56:00.627	-0.3	60.4		7.89		TAS		7.9	0.76	m_e	mb 4.7
CLL	44.36		P	22:55:58.747	-0.9	60.4		7.89		TAS		9.5	0.79	m_e	mb 4.6
CLZ	45.57		P	22:56:08.562		60.4		7.89		TAS		3.4	0.67	m_e	mb 4.5
FLT1	44.87		P	22:56:01.926	0.3	60.4		7.89		TAS		5.9	0.80	m_e	mb 4.6
GEC2	45.13		P	22:56:05.915	0.2	60.4		7.89		TAS		4.4	1.06	m_e	mb 4.3
GRA1	46.13		P	22:56:13.136		60.4		7.89		TAS		6.4	0.99	m_e	mb 4.6
GRA1	46.13		L	23:14:39.904						T__		58.1	19.00	a_e	Ms 3.5
GTTG	45.93		P	22:56:11.736		60.4		7.89		TAS		13.8	0.81	m_e	mb 5.0
GUNZ	45.18		P	22:56:05.967	0.4	60.4		7.89		TAS		4.2	0.83	m_e	mb 4.4
IBBN	46.76		P	22:56:17.262		60.4		7.89		TAS		6.6	0.71	m_e	mb 4.9
KAST	46.95		P	22:56:19.259		60.4		7.89		TAS		4.5	0.80	m_e	mb 4.6
ROTZ	45.54		P	22:56:08.681		60.4		7.89		TAS		3.1	0.78	m_e	mb 4.4
RUE	43.41		P	22:55:51.708	-0.2	60.4		7.89		TAS		15.5	0.71	m_e	mb 4.8
TANN	45.08		P	22:56:05.036	-0.9	60.4		7.89		TAS		3.2	0.80	m_e	mb 4.3
WERD	45.15		P	22:56:05.142	0.2	60.4		7.89		TAS		2.9	0.87	m_e	mb 4.2
WERN	45.19		P	22:56:06.011	-0.1	60.4		7.89		TAS		4.9	0.65	m_e	mb 4.6
WET	45.46		P	22:56:06.904		60.4		7.89		TAS		2.5	0.80	m_e	mb 4.2
WLF	48.98		P	22:56:35.416		60.4		7.89		TAS		12.5	1.12	m_e	mb 4.8

Event 50204003 Tonga Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/02/04 01:51:48.09 -21.3420 -175.4160 150.0 23 147.17 152.71 m i ke BGR
50204009

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.79		PKPbc	02:11:22.308		12.9		2.43		TAS				m_e	
BRG	149.62		PKPbc	02:11:19.675	-0.2	12.9		2.43		TAS				m_e	
BSEG	147.17		PKPbc	02:11:13.269	-0.4	12.9		2.43		TAS				m_e	
BUG	149.89		PKPbc	02:11:20.411	-0.0	12.9		2.43		TAS				m_e	
CLL	149.38		PKPbc	02:11:18.833	-0.2	12.9		2.43		TAS				m_e	
CLZ	149.23		PKPbc	02:11:18.689	-0.1	12.9		2.43		TAS				m_e	
FLT1	148.64		PKPbc	02:11:16.634	0.3	12.9		2.43		TAS				m_e	
FUR	152.71		PKPbc	02:11:26.565		12.9		2.43		TAS				m_e	
GEC2	151.61		PKPbc	02:11:24.025		12.9		2.43		TAS				m_e	

GRA1	151.22	PKPbc	02:11:23.247		12.9		2.43	TAS		m_e
GTTG	149.56	PKPbc	02:11:19.592	0.5	12.9		2.43	TAS		m_e
GUNZ	150.40	PKPbc	02:11:21.630	-0.3	12.9		2.43	TAS		m_e
KAST	150.05	PKPbc	02:11:20.603	-0.2	12.9		2.43	TAS		m_e
MANZ	150.80	PKPbc	02:11:22.485		12.9		2.43	TAS		m_e
NEUB	149.68	PKPbc	02:11:19.810	0.2	12.9		2.43	TAS		m_e
ROTZ	151.00	PKPbc	02:11:22.744		12.9		2.43	TAS		m_e
RUE	148.12	PKPbc	02:11:15.649	0.2	12.9		2.43	TAS		m_e
TANN	150.33	PKPbc	02:11:21.003	-0.1	12.9		2.43	TAS		m_e
TNS	151.02	PKPbc	02:11:22.973		12.9		2.43	TAS		m_e
UBBA	150.28	PKPbc	02:11:20.865	0.1	12.9		2.43	TAS		m_e
WERD	150.32	PKPbc	02:11:20.931	-0.3	12.9		2.43	TAS		m_e
WERN	150.47	PKPbc	02:11:21.942		12.9		2.43	TAS		m_e
WET	151.48	PKPbc	02:11:23.647		12.9		2.43	TAS		m_e
WLF	151.71	PKPbc	02:11:25.002		12.9		2.43	TAS		m_e

Event 50204004 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/04	08:20:47.17			-25.4100	-176.0800				33.0			20		151.11	156.86	m i ke	BGR
50204010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	152.83		PKPbc	08:40:40.403	0.8	14.8		2.45		TAS					m_e
BFO	156.86		PKPab	08:41:08.127		14.8		2.45		TAS					m_e
BRG	153.43		PKPbc	08:40:42.017		14.8		2.45		TAS					m_e
BRG	153.43		PKPab	08:40:54.529		14.8		2.45		TAS					m_e
BSEG	151.11		PKPbc	08:40:37.002	-0.5	14.8		2.45		TAS					m_e
CLL	153.22		PKPbc	08:40:41.737	-0.5	14.8		2.45		TAS					m_e
CLZ	153.15		PKPbc	08:40:41.458	-0.2	14.8		2.45		TAS					m_e
CLZ	153.15		PKPab	08:40:52.428	1.3	14.8		2.45		TAS					m_e
FBE	153.52		PKPbc	08:40:43.507		14.8		2.45		TAS					m_e
FBE	153.52		PKPab	08:40:55.046		14.8		2.45		TAS					m_e
FLT1	152.55		PKPbc	08:40:39.626	-0.5	14.8		2.45		TAS					m_e
GRA1	155.10		PKPab	08:41:02.949		14.8		2.45		TAS					m_e
GTTG	153.50		PKPbc	08:40:43.233		14.8		2.45		TAS					m_e
GTTG	153.50		PKPab	08:40:54.409		14.8		2.45		TAS					m_e
GUNZ	154.25		PKPab	08:40:57.991		14.8		2.45		TAS					m_e
KAST	154.02		PKPbc	08:40:43.742		14.8		2.45		TAS					m_e
KAST	154.02		PKPab	08:40:57.585		14.8		2.45		TAS					m_e
NEUB	153.56		PKPbc	08:40:43.500		14.8		2.45		TAS					m_e
NEUB	153.56		PKPab	08:40:55.482		14.8		2.45		TAS					m_e
ROTZ	154.85		PKPab	08:41:00.886		14.8		2.45		TAS					m_e
RUE	151.96		PKPbc	08:40:38.846	-0.2	14.8		2.45		TAS					m_e

TANN	154.18	PKPab	08:40:58.424	14.8	2.45	TAS	m_e
TNS	154.98	PKPab	08:41:02.160	14.8	2.45	TAS	m_e
WERD	154.18	PKPbc	08:40:43.786	14.8	2.45	TAS	m_e
WERD	154.18	PKPab	08:40:57.468	14.8	2.45	TAS	m_e
WERN	154.32	PKPab	08:40:57.422	14.8	2.45	TAS	m_e
WET	155.29	PKPab	08:41:02.862	14.8	2.45	TAS	m_e

Event 50204006 Near coast of Venezuela

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/04	10:59:28.55			9.9960	-61.9040				100.0			22		68.27	73.38	m i ke	BGR
OrigID 50204012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50204012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	69.01	P		11:10:23.955	0.6	263.6		6.01		TAS		7.9	0.79	m_e mb	5.0
ASSE	71.48	P		11:10:38.549	0.2	263.6		6.01		TAS		13.7	1.02	m_e mb	5.0
BFO	69.47	P		11:10:25.327	-0.8	263.6		6.01		TAS		4.2	0.82	m_e mb	4.7
BRG	73.38	P		11:10:49.146		263.6		6.01		TAS		7.8	0.76	m_e mb	4.9
BSEG	71.52	P		11:10:37.983	-0.1	263.6		6.01		TAS		18.2	1.06	m_e mb	5.1
BUG	69.29	P		11:10:25.017	0.1	263.6		6.01		TAS		16.0	1.00	m_e mb	5.2
CLL	72.83	P		11:10:46.011		263.6		6.01		TAS		5.9	0.82	m_e mb	4.8
CLZ	71.26	P		11:10:36.961	-0.0	263.6		6.01		TAS		7.6	0.78	m_e mb	4.9
FLT1	71.85	P		11:10:40.157	-0.3	263.6		6.01		TAS		6.7	0.74	m_e mb	4.9
GEC2	73.07	P		11:10:47.818		263.6		6.01		TAS		14.9	0.75	m_e mb	5.2
GTTG	70.97	P		11:10:34.830	-0.2	263.6		6.01		TAS		7.7	0.68	m_e mb	5.0
GUNZ	72.31	P		11:10:43.216		263.6		6.01		TAS		4.5	0.70	m_e mb	4.7
IBBN	69.74	P		11:10:27.510	-0.1	263.6		6.01		TAS		21.4	0.63	m_e mb	5.4
KAST	69.96	P		11:10:28.568	-0.4	263.6		6.01		TAS		5.9	0.94	m_e mb	4.7
MANZ	72.13	P		11:10:42.646		263.6		6.01		TAS		9.0	0.78	m_e mb	5.0
ROTZ	72.17	P		11:10:42.686		263.6		6.01		TAS		3.8	0.98	m_e mb	4.5
TANN	72.40	P		11:10:43.624		263.6		6.01		TAS		5.9	0.79	m_e mb	4.8
TNS	69.82	P		11:10:28.508	0.3	263.6		6.01		TAS		16.3	0.73	m_e mb	5.2
WERD	72.30	P		11:10:43.151		263.6		6.01		TAS		5.7	0.77	m_e mb	4.8
WERN	72.33	P		11:10:43.531		263.6		6.01		TAS		7.7	0.89	m_e mb	4.8
WET	72.55	P		11:10:44.747		263.6		6.01		TAS		6.0	0.76	m_e mb	4.8
WLF	68.27	P		11:10:18.838	-0.1	263.6		6.01		TAS		16.8	0.83	m_e mb	5.3

Event 50205001 Venezuela

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

2015/02/05 04:21:53.13
50205007

8.2700 -71.2700

16.7 0.6

31

75.60 80.63 m i ke BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50205007
Ms	5.1		BGR	50205007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	76.26	P		04:33:41.712	0.2	269.3		5.52		TAS		115.0	1.16	m_e	mb	5.9
ASSE	78.58	P		04:33:54.592	0.1	269.3		5.52		TAS		77.0	1.11	m_e	mb	5.6
BFO	76.96	P		04:33:44.872	-0.4	269.3		5.52		TAS		53.2	1.12	m_e	mb	5.6
BRG	80.63	P		04:34:05.497		269.3		5.52		TAS		44.2	1.01	m_e	mb	5.4
BSEG	78.41	P		04:33:53.292	0.0	269.3		5.52		TAS		80.4	0.98	m_e	mb	5.8
BUG	76.44	P		04:33:42.306	-0.2	269.3		5.52		TAS		85.2	1.06	m_e	mb	5.8
BUG	76.44	pP		04:33:46.949						T__				m_e		
CLL	80.02	P		04:34:02.092	-0.1	269.3		5.52		TAS		55.2	1.10	m_e	mb	5.4
CLZ	78.39	P		04:33:53.434	0.3	269.3		5.52		TAS		66.3	1.00	m_e	mb	5.7
CLZ	78.39	pP		04:33:58.278						T__				m_e		
FLT1	78.93	P		04:33:55.832	0.3	269.3		5.52		TAS		87.9	1.08	m_e	mb	5.7
FLT1	78.93	pP		04:34:00.685						T__				m_e		
FUR	78.92	P		04:33:56.219	0.0	269.3		5.52		TAS		280.7	1.97	m_e	mb	6.0
GEC2	80.53	P		04:34:04.839		269.3		5.52		TAS		61.3	1.12	m_e	mb	5.5
GEC2	80.53	pP		04:34:09.635						T__				m_e		
GRA1	78.89	P		04:33:56.022	-0.4	269.3		5.52		TAS		60.4	1.32	m_e	mb	5.5
GRA1	78.89	L		05:26:59.385						T__		1060.3	21.90	a_e	Ms	5.1
GTTG	78.12	P		04:33:51.941	0.2	269.3		5.52		TAS		78.3	1.10	m_e	mb	5.8
GUNZ	79.61	P		04:34:00.038	0.1	269.3		5.52		TAS		53.6	1.28	m_e	mb	5.3
IBBN	76.79	P		04:33:44.313	-0.1	269.3		5.52		TAS		124.5	1.09	m_e	mb	6.0
KAST	77.14	P		04:33:46.094	-0.1	269.3		5.52		TAS		38.0	1.08	m_e	mb	5.4
MANZ	79.47	P		04:33:59.483	0.0	269.3		5.52		TAS		96.5	1.19	m_e	mb	5.7
NEUB	79.25	P		04:33:58.052	0.1	269.3		5.52		TAS		103.9	1.29	m_e	mb	5.7
NEUB	79.25	pP		04:34:02.897						T__				m_e		
PLN	79.50	P		04:33:59.283	0.1	269.3		5.52		TAS		63.9	1.14	m_e	mb	5.5
PLN	79.50	pP		04:34:04.141						T__				m_e		
ROTZ	79.53	P		04:33:59.617	0.2	269.3		5.52		TAS		68.6	1.48	m_e	mb	5.4
RUE	80.49	P		04:34:04.405		269.3		5.52		TAS		62.0	0.92	m_e	mb	5.5
RUE	80.49	pP		04:34:09.360						T__				m_e		
SKMB	77.93	P		04:33:51.196	0.5	269.3		5.52		TAS		308.9	1.33	m_e	mb	6.3
STU	77.55	P		04:33:48.427	0.6	269.3		5.52		TAS		104.3	1.01	m_e	mb	5.9
STU	77.55	pP		04:33:53.258						T__				m_e		
TANN	79.69	P		04:34:00.615	-0.4	269.3		5.52		TAS		85.1	1.13	m_e	mb	5.6
TNS	77.11	P		04:33:46.448	-0.3	269.3		5.52		TAS		97.8	1.10	m_e	mb	5.8
UBBA	78.13	P		04:33:51.509	0.1	269.3		5.52		TAS		81.5	1.72	m_e	mb	5.6
UBR	78.14	P		04:33:52.173	-0.3	269.3		5.52		TAS		45.8	1.03	m_e	mb	5.5
WERD	79.59	P		04:33:59.908	0.2	269.3		5.52		TAS		63.7	1.19	m_e	mb	5.4
WERN	79.64	P		04:34:00.359	-0.2	269.3		5.52		TAS		62.0	1.13	m_e	mb	5.4
WERN	79.64	pP		04:34:05.034						T__				m_e		
WET	79.98	P		04:34:02.045	-0.2	269.3		5.52		TAS		54.1	1.38	m_e	mb	5.3
WLF	75.60	P		04:33:37.616	-0.2	269.3		5.52		TAS		130.8	1.27	m_e	mb	5.9

Event 50205003 South of Panama

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/05	04:40:59.15		6.7600	-82.6000					10.0			19		84.09	89.10	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50205009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.63		P	04:53:32.386	-0.7	276.9		4.88		TAS		22.9	1.15	m_e mb	5.3
ASSE	86.73		P	04:53:43.824	0.0	276.9		4.88		TAS		10.5	1.04	m_e mb	4.9
BRG	88.92		P	04:53:54.190		276.9		4.88		TAS		2.5	0.83	m_e mb	4.5
BSEG	86.31		P	04:53:40.627	-0.2	276.9		4.88		TAS		10.6	0.96	m_e mb	4.9
CLL	88.27		P	04:53:50.842		276.9		4.88		TAS		4.2	1.00	m_e mb	4.7
CLZ	86.57		P	04:53:43.173	-0.2	276.9		4.88		TAS		12.1	1.01	m_e mb	5.0
FLT1	87.05		P	04:53:44.815	-0.3	276.9		4.88		TAS		7.6	0.93	m_e mb	4.8
GEC2	89.10		P	04:53:54.467		276.9		4.88		TAS		3.5	0.90	m_e mb	4.6
GUNZ	87.99		P	04:53:49.867		276.9		4.88		TAS		5.0	1.02	m_e mb	4.8
IBBN	84.92		P	04:53:34.894	-0.6	276.9		4.88		TAS		15.6	0.90	m_e mb	5.2
KAST	85.42		P	04:53:37.289	-0.0	276.9		4.88		TAS		8.9	1.06	m_e mb	4.9
NEUB	87.52		P	04:53:46.941		276.9		4.88		TAS		5.9	0.88	m_e mb	4.9
STU	86.15		P	04:53:40.385	-0.1	276.9		4.88		TAS		11.6	0.79	m_e mb	5.1
TANN	88.06		P	04:53:49.611		276.9		4.88		TAS		6.4	0.96	m_e mb	4.9
TNS	85.53		P	04:53:36.790	-0.7	276.9		4.88		TAS		13.4	1.15	m_e mb	5.0
WERD	87.96		P	04:53:48.711		276.9		4.88		TAS		4.1	0.97	m_e mb	4.7
WERN	88.03		P	04:53:49.776		276.9		4.88		TAS		4.0	1.00	m_e mb	4.7
WET	88.51		P	04:53:52.320		276.9		4.88		TAS		5.7	0.96	m_e mb	4.8
WLF	84.09		P	04:53:30.806	0.4	276.9		4.88		TAS		12.8	0.92	m_e mb	5.1

Event 50205004 Venezuela

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/05	05:39:02.23		8.1790	-71.1200					16.0	3.0		25		75.57	80.60	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50205010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.23		P	05:50:50.711	0.3	269.5		5.49		TAS		8.5	0.83	m_e mb	4.9
ASSE	78.56		P	05:51:03.307	-0.0	269.5		5.49		TAS		6.6	0.88	m_e mb	4.7

BFO	76.93	P	05:50:53.976	-0.2	269.5		5.49	TAS	4.7	0.86	m_e	mb	4.6
BFO	76.93	pP	05:50:58.732					T__			m_e		
BRG	80.60	P	05:51:14.241		269.5		5.49	TAS	5.9	0.81	m_e	mb	4.7
BRG	80.60	pP	05:51:18.941					T__			m_e		
BSEG	78.40	P	05:51:01.967	0.0	269.5		5.49	TAS	13.7	0.87	m_e	mb	5.1
BSEG	78.40	pP	05:51:07.092					T__			m_e		
BUG	76.41	P	05:50:51.285	-0.1	269.5		5.49	TAS	9.9	0.87	m_e	mb	5.0
BUG	76.41	pP	05:50:55.014					T__			m_e		
CLL	80.00	P	05:51:10.862		269.5		5.49	TAS	6.5	0.79	m_e	mb	4.6
CLZ	78.36	P	05:51:02.270	0.3	269.5		5.49	TAS	10.8	0.77	m_e	mb	5.0
CLZ	78.36	pP	05:51:06.884					T__			m_e		
FBE	80.23	P	05:51:12.443		269.5		5.49	TAS	6.5	0.86	m_e	mb	4.6
FLT1	78.91	P	05:51:04.648	0.2	269.5		5.49	TAS	12.1	0.90	m_e	mb	4.9
GEC2	80.50	P	05:51:13.616		269.5		5.49	TAS	6.4	0.87	m_e	mb	4.6
GEC2	80.50	pP	05:51:18.450					T__			m_e		
GTTG	78.10	P	05:51:01.123	-0.1	269.5		5.49	TAS	9.0	0.83	m_e	mb	4.9
GUNZ	79.58	P	05:51:08.735		269.5		5.49	TAS	3.1	0.80	m_e	mb	4.3
IBBN	76.77	P	05:50:53.005	-0.3	269.5		5.49	TAS	23.7	1.03	m_e	mb	5.3
MANZ	79.44	P	05:51:08.283	0.1	269.5		5.49	TAS	8.5	0.86	m_e	mb	4.8
MANZ	79.44	pP	05:51:12.753					T__			m_e		
NEUB	79.23	P	05:51:06.833	-0.2	269.5		5.49	TAS	10.6	0.83	m_e	mb	4.9
ROTZ	79.50	P	05:51:08.391	-0.1	269.5		5.49	TAS	1.7	0.81	m_e	mb	4.0
STU	77.52	P	05:50:57.280	0.0	269.5		5.49	TAS	14.4	0.75	m_e	mb	5.2
TANN	79.66	P	05:51:09.320		269.5		5.49	TAS	9.2	0.92	m_e	mb	4.7
TNS	77.09	P	05:50:55.260	-0.2	269.5		5.49	TAS	12.2	0.89	m_e	mb	5.0
UBR	78.10	P	05:51:00.652	-0.4	269.5		5.49	TAS	6.0	0.83	m_e	mb	4.8
WERD	79.56	P	05:51:08.683		269.5		5.49	TAS	6.9	0.90	m_e	mb	4.6
WERN	79.61	P	05:51:09.184		269.5		5.49	TAS	6.6	0.90	m_e	mb	4.6
WET	79.95	P	05:51:10.833		269.5		5.49	TAS	3.7	0.84	m_e	mb	4.3
WLF	75.57	P	05:50:46.679	-0.1	269.5		5.49	TAS	15.4	1.03	m_e	mb	5.1

Event 50206001 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/06	03:48:12.30			64.6900	-17.9400				2.0					21.51	21.51	m i ke	EMSC
	50206033																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.51		P	03:53:02.506		325.2		9.81		TAS					m_e

Event 50206003 Sicily, Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/06	08:52:28.90			38.7600	15.0700				240.0			20		9.62	13.83	m i ke	NEIC
50206042																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	13.72		Pn	08:55:36.453						T__					m_e
BFO	10.74		Pn	08:54:57.958	0.3					T__					m_e
BUG	13.81		Pn	08:55:37.849						T__					m_e
CLZ	13.49		Pn	08:55:33.048						T__					m_e
FLT1	13.83		Pn	08:55:37.605						T__					m_e
FUR	9.79		Pn	08:54:46.947	-0.4					T__					m_e
GEC2	10.13		Pn	08:54:50.441	1.1					T__					m_e
GRA1	11.27		Pn	08:55:04.438	-1.3					T__					m_e
GTTG	13.28		Pn	08:55:30.627						T__					m_e
GUNZ	11.76		Pn	08:55:11.330	0.4					T__					m_e
KAST	13.29		Pn	08:55:30.452						T__					m_e
MANZ	11.42		Pn	08:55:06.429	-0.5					T__					m_e
ROTZ	11.19		Pn	08:55:03.464	-0.6					T__					m_e
STU	10.87		Pn	08:54:59.970	-0.3					T__					m_e
TNS	12.39		Pn	08:55:20.723	-0.5					T__					m_e
UBBA	12.58		Pn	08:55:22.433	0.6					T__					m_e
UBR	9.62		Pn	08:54:44.829	0.1					T__					m_e
WERD	11.85		Pn	08:55:12.214	1.1					T__					m_e
WERN	11.68		Pn	08:55:09.988	0.1					T__					m_e
WET	10.50		Pn	08:54:55.099	0.2					T__					m_e

Event 50206005 Nicaragua

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/06	22:02:47.94			12.6600	-86.4490				33.0					85.35	85.35	m i ke	BGR
50206011																	

Magnitude	Err	Nsta	Author	OrigID
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mb	5.1		BGR	50206011
Ms	4.7		BGR	50206011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	85.35		P	22:15:21.640		276.1		5.63		TAS		18.3	1.08	m_e mb	5.1
GRA1	85.35		L	22:48:17.453						T__		395.7	21.50	a_e Ms	4.7

Event 50207001 Albania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/07	01:56:18.97	0.92	0.86	41.0090	19.9550	26.7	12.2	53	10.0				9 338	9.00	12.23	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
BFO	11.04		Sn	02:00:45.666	-0.8					T__					m_e
BFO	11.04		Pn	01:58:53.172	-0.4					T__					m_e
CLL	11.37		Pn	01:58:57.698	-0.2					T__					m_e
FUR	9.46		Sn	02:00:09.954	0.5					T__					m_e
FUR	9.46		Pn	01:58:31.803	-0.5					T__					m_e
GEC2	9.00		Sn	01:59:58.582	-0.3					T__					m_e
GEC2	9.00		Pn	01:58:25.103	-1.0					T__					m_e
MANZ	10.53		Sn	02:00:34.869	0.5					T__					m_e
MANZ	10.53		Pn	01:58:47.498	0.8					T__					m_e
ROTZ	10.31		Sn	02:00:28.438	-0.9					T__					m_e
ROTZ	10.31		Pn	01:58:44.403	0.7					T__					m_e
TNS	12.23		Sn	02:01:16.245	2.3					T__					m_e
TNS	12.23		Pn	01:59:08.834	-0.6					T__					m_e
UBR	9.70		Sn	02:00:14.784	-0.5					T__					m_e
UBR	9.70		Pn	01:58:35.846	0.2					T__					m_e
WET	9.55		Sn	02:00:10.666	-0.9					T__					m_e
WET	9.55		Pn	01:58:34.564	1.1					T__					m_e

Event 50207005 Primorye, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/07	16:40:07.23			44.5060	136.6310				300.0				24	72.71	77.04	m i ke	BGR

Magnitude Err Nsta Author OrigID

mb 5.1 BGR 50207011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.69		P	16:51:17.756		37.1		5.72		TAS		17.6	0.92	m_e mb	5.2
BFO	77.04		P	16:51:25.027		37.1		5.72		TAS		22.2	1.16	m_e mb	5.2
BUG	74.88		P	16:51:12.994		37.1		5.72		TAS		22.8	1.09	m_e mb	5.1
CLL	72.84		P	16:51:00.897	0.2	37.1		5.72		TAS		18.2	0.80	m_e mb	5.3
CLZ	73.42		P	16:51:05.016	-0.1	37.1		5.72		TAS		18.4	0.86	m_e mb	5.2
FBE	73.00		P	16:51:02.402	0.1	37.1		5.72		TAS		16.8	0.85	m_e mb	5.2
FLT1	72.71		P	16:51:00.125	-0.1	37.1		5.72		TAS		24.6	0.76	m_e mb	5.4
FUR	76.01		P	16:51:19.493		37.1		5.72		TAS		22.3	1.08	m_e mb	5.2
GEC2	74.49		P	16:51:10.544		37.1		5.72		TAS		6.2	0.82	m_e mb	4.7

GRA1	74.81	P	16:51:13.187		37.1	5.72	TAS	32.4	0.83	m_e mb	5.4
GTTG	73.81	P	16:51:07.010	0.1	37.1	5.72	TAS	14.7	0.95	m_e mb	5.0
GUNZ	73.84	P	16:51:07.346	0.5	37.1	5.72	TAS			m_e	
IBBN	74.00	P	16:51:07.975	0.2	37.1	5.72	TAS	20.9	0.95	m_e mb	5.1
KAST	74.66	P	16:51:11.772		37.1	5.72	TAS			m_e	
MANZ	74.23	P	16:51:09.416	-0.0	37.1	5.72	TAS			m_e	
NEUB	73.41	P	16:51:04.243	0.3	37.1	5.72	TAS	28.1	0.87	m_e mb	5.4
PLN	73.81	P	16:51:06.915	0.1	37.1	5.72	TAS			m_e	
ROTZ	74.36	P	16:51:10.443	-0.3	37.1	5.72	TAS	10.2	0.92	m_e mb	4.8
TANN	73.75	P	16:51:06.570	-0.2	37.1	5.72	TAS			m_e	
TNS	75.45	P	16:51:16.276		37.1	5.72	TAS	8.0	0.91	m_e mb	4.7
UBBA	74.38	P	16:51:10.085	-0.3	37.1	5.72	TAS			m_e	
WERD	73.79	P	16:51:06.701	0.2	37.1	5.72	TAS	6.3	0.98	m_e mb	4.6
WET	74.59	P	16:51:11.514		37.1	5.72	TAS	14.9	1.06	m_e mb	4.9
WLF	76.75	P	16:51:23.354		37.1	5.72	TAS			m_e	

Event 50208002 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/08	12:46:47.73			43.7070	145.3290				33.0					78.71	78.71	m i ke	BGR
50208008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50208008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.71		P	12:58:45.345		30.4		4.68		TAS		15.8	1.20	m_e mb	4.9

Event 50208003 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/08	18:30:58.88			-20.8600	-175.7620				33.0				20	146.66	152.40	m i ke	BGR
50208009																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.39		PKPbc	18:50:42.026	-0.0	13.4		2.50		TAS				m_e	
BFO	152.40		PKPbc	18:50:51.603		13.4		2.50		TAS				m_e	
BRG	149.09		PKPbc	18:50:43.705	0.2	13.4		2.50		TAS				m_e	
BSEG	146.66		PKPbc	18:50:37.460	-0.0	13.4		2.50		TAS				m_e	
CLL	148.84		PKPbc	18:50:43.021	-0.2	13.4		2.50		TAS				m_e	
CLZ	148.71		PKPbc	18:50:43.196	0.0	13.4		2.50		TAS				m_e	

FBE	149.15	PKPbc	18:50:44.304	0.3	13.4	2.50	TAS	m_e
FLT1	148.12	PKPbc	18:50:41.053	0.3	13.4	2.50	TAS	m_e
GUNZ	149.87	PKPbc	18:50:45.958		13.4	2.50	TAS	m_e
KAST	149.54	PKPbc	18:50:45.302	0.3	13.4	2.50	TAS	m_e
MANZ	150.27	PKPbc	18:50:46.813		13.4	2.50	TAS	m_e
PLN	149.78	PKPbc	18:50:45.501	-0.2	13.4	2.50	TAS	m_e
ROTZ	150.47	PKPbc	18:50:47.155		13.4	2.50	TAS	m_e
STU	151.87	PKPbc	18:50:50.605		13.4	2.50	TAS	m_e
TANN	149.80	PKPbc	18:50:45.615	-0.6	13.4	2.50	TAS	m_e
TNS	150.51	PKPbc	18:50:47.640		13.4	2.50	TAS	m_e
UBBA	149.76	PKPbc	18:50:45.302		13.4	2.50	TAS	m_e
WERD	149.79	PKPbc	18:50:45.558		13.4	2.50	TAS	m_e
WERN	149.94	PKPbc	18:50:46.214		13.4	2.50	TAS	m_e
WLF	151.22	PKPbc	18:50:49.861		13.4	2.50	TAS	m_e

Event 50209002 North of Ascension Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/09	07:59:30.04			-0.5000	-16.2800				10.0			28		53.11	58.55	m i ke	EMSC
OrigID 50209034																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50209008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	54.61		P	08:08:59.909	0.0	215.4		7.18		TAS		22.1	0.91	m_e mb	5.2
BFO	53.11		P	08:08:48.264	-0.4	215.4		7.18		TAS		29.5	1.01	m_e mb	5.2
BRG	57.27		P	08:09:18.270	0.0	215.4		7.18		TAS		14.4	0.96	m_e mb	5.0
BSEG	58.55		P	08:09:27.109		215.4		7.18		TAS		36.1	0.95	m_e mb	5.4
BUG	55.46		P	08:09:05.349	0.5	215.4		7.18		TAS		28.4	1.02	m_e mb	5.2
CLL	57.27		P	08:09:18.429	-0.4	215.4		7.18		TAS		16.8	1.19	m_e mb	4.9
FBE	57.08		P	08:09:17.182	0.0	215.4		7.18		TAS		67.6	1.81	m_e mb	5.4
FLT1	57.49		P	08:09:19.940		215.4		7.18		TAS		18.4	1.19	m_e mb	5.0
FUR	54.05		P	08:08:55.421	0.7	215.4		7.18		TAS		46.9	1.00	m_e mb	5.5
GEC2	55.55		P	08:09:06.370	-0.0	215.4		7.18		TAS		72.5	1.83	m_e mb	5.4
GRA1	55.29		P	08:09:04.022	0.3	215.4		7.18		TAS		20.6	1.03	m_e mb	5.1
GTTG	56.41		P	08:09:12.640	-0.0	215.4		7.18		TAS		18.1	0.91	m_e mb	5.1
GUNZ	56.25		P	08:09:11.198	-0.2	215.4		7.18		TAS		21.2	1.22	m_e mb	5.0
IBBN	56.36		P	08:09:11.898	0.4	215.4		7.18		TAS		89.8	1.65	m_e mb	5.5
KAST	55.61		P	08:09:06.438	-0.1	215.4		7.18		TAS		81.5	2.32	m_e mb	5.3
MANZ	55.86		P	08:09:08.206	-0.1	215.4		7.18		TAS		28.5	1.02	m_e mb	5.2
NEUB	56.73		P	08:09:14.578	0.1	215.4		7.18		TAS		29.1	1.09	m_e mb	5.2
PLN	56.29		P	08:09:11.198	-0.2	215.4		7.18		TAS		16.1	1.10	m_e mb	5.0
ROTZ	55.72		P	08:09:07.118	0.3	215.4		7.18		TAS		87.2	2.49	m_e mb	5.3
RUE	58.50		P	08:09:27.281		215.4		7.18		TAS		48.8	1.29	m_e mb	5.4
STU	53.79		P	08:08:52.968	0.2	215.4		7.18		TAS		30.8	1.07	m_e mb	5.3

TANN	56.34	P	08:09:11.810	0.1	215.4	7.18	TAS	28.8	1.19	m_e	mb	5.2
TNS	54.77	P	08:09:00.547	-0.2	215.4	7.18	TAS	29.8	0.84	m_e	mb	5.4
UBBA	55.80	P	08:09:08.206	-0.1	215.4	7.18	TAS	44.1	1.69	m_e	mb	5.2
UBR	53.21	P	08:08:49.096	-0.1	215.4	7.18	TAS	33.8	0.98	m_e	mb	5.2
WERD	56.31	P	08:09:11.354	0.1	215.4	7.18	TAS	16.5	1.39	m_e	mb	4.9
WERN	56.20	P	08:09:10.654	0.1	215.4	7.18	TAS	17.5	1.20	m_e	mb	5.0
WET	55.47	P	08:09:05.621	0.1	215.4	7.18	TAS	44.3	1.07	m_e	mb	5.4

Event 50210008 Carlsberg Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/10	14:47:54.96			9.9650	56.7640				10.0			24		53.78	57.83	m i ke	BGR
OrigID 50210014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50210014
Ms	4.5		BGR	50210014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	57.38		P	14:57:45.127		120.5		7.26		TAS		38.7	1.08	m_e	mb	5.4
ASSE	56.18		P	14:57:35.889	-0.2	120.5		7.26		TAS		50.6	1.08	m_e	mb	5.5
BFO	55.65		P	14:57:32.366	0.0	120.5		7.26		TAS		68.5	1.22	m_e	mb	5.5
BRG	53.78		P	14:57:18.440	0.3	120.5		7.26		TAS		42.2	1.21	m_e	mb	5.3
BUG	57.69		P	14:57:46.805		120.5		7.26		TAS		63.2	1.05	m_e	mb	5.6
CLL	54.52		P	14:57:24.110	0.1	120.5		7.26		TAS		56.1	1.24	m_e	mb	5.5
CLZ	56.19		P	14:57:36.330	-0.1	120.5		7.26		TAS		63.4	1.15	m_e	mb	5.5
FBE	54.12		P	14:57:21.302	0.0	120.5		7.26		TAS		60.5	1.22	m_e	mb	5.5
FLT1	55.99		P	14:57:34.238	0.2	120.5		7.26		TAS		70.6	1.22	m_e	mb	5.6
FUR	53.84		P	14:57:18.881	0.1	120.5		7.26		TAS		181.2	1.10	m_e	mb	6.0
GRA1	54.63		P	14:57:24.220	-0.2	120.5		7.26		TAS		89.4	1.17	m_e	mb	5.7
GRA1	54.63		L	15:27:12.231						T__		475.4	21.10	a_e	Ms	4.5
GTTG	56.26		P	14:57:36.660		120.5		7.26		TAS		82.2	1.10	m_e	mb	5.7
GUNZ	54.37		P	14:57:23.064	-0.7	120.5		7.26		TAS		84.9	1.21	m_e	mb	5.6
IBBN	57.83		P	14:57:47.878		120.5		7.26		TAS		47.8	1.18	m_e	mb	5.4
NEUB	55.11		P	14:57:28.348	-0.1	120.5		7.26		TAS		74.0	1.13	m_e	mb	5.6
PLN	54.53		P	14:57:24.055	0.3	120.5		7.26		TAS		25.7	1.27	m_e	mb	5.1
ROTZ	54.12		P	14:57:20.642	0.3	120.5		7.26		TAS		33.3	1.19	m_e	mb	5.2
RUE	54.77		P	14:57:25.761	-0.3	120.5		7.26		TAS		219.7	1.07	m_e	mb	6.1
TANN	54.33		P	14:57:22.624	-0.0	120.5		7.26		TAS		25.7	1.23	m_e	mb	5.1
UBBA	55.88		P	14:57:33.739	0.3	120.5		7.26		TAS		41.5	1.77	m_e	mb	5.2
UBR	54.29		P	14:57:22.348	0.1	120.5		7.26		TAS		65.8	1.14	m_e	mb	5.6
WERD	54.43		P	14:57:23.339	0.3	120.5		7.26		TAS		35.6	1.12	m_e	mb	5.3
WERN	54.30		P	14:57:22.789	0.2	120.5		7.26		TAS		77.7	1.14	m_e	mb	5.6
WLF	57.53		P	14:57:45.956		120.5		7.26		TAS		123.8	1.09	m_e	mb	5.9

Event 50210009 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/10	16:09:20.52			15.7400	120.2600				33.0			25		87.87	92.90	m i ke	BGR
OrigID 50210015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50210015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	87.87		P	16:22:07.149	-0.4	65.5		4.67		TAS		20.1	1.10	m_e mb	5.4
BSEG	88.67		P	16:22:10.723	0.1	65.5		4.67		TAS		36.9	1.72	m_e mb	5.3
BUG	91.44		P	16:22:23.485		65.5		4.67		TAS		32.8	1.50	m_e mb	5.4
CLL	88.25		P	16:22:08.481	0.0	65.5		4.67		TAS				m_e	
CLZ	89.53		P	16:22:15.190	0.2	65.5		4.67		TAS		24.3	1.48	m_e mb	5.2
FBE	88.20		P	16:22:08.894	-0.1	65.5		4.67		TAS		34.1	1.28	m_e mb	5.5
FLT1	88.84		P	16:22:11.049	-0.1	65.5		4.67		TAS		17.4	1.48	m_e mb	5.1
GEC2	88.79		P	16:22:11.403	-0.1	65.5		4.67		TAS		26.8	1.51	m_e mb	5.2
GRA1	89.94		P	16:22:16.976		65.5		4.67		TAS		34.8	1.69	m_e mb	5.3
GUNZ	89.02		P	16:22:12.510	0.1	65.5		4.67		TAS		21.5	1.19	m_e mb	5.3
IBBN	90.77		P	16:22:20.507		65.5		4.67		TAS		31.9	1.39	m_e mb	5.5
KAST	90.91		P	16:22:21.528		65.5		4.67		TAS		44.2	1.86	m_e mb	5.5
MANZ	89.30		P	16:22:14.084	-0.1	65.5		4.67		TAS		16.3	1.32	m_e mb	5.1
NEUB	89.00		P	16:22:12.254	0.3	65.5		4.67		TAS		34.0	1.28	m_e mb	5.4
PLN	89.07		P	16:22:12.552	0.4	65.5		4.67		TAS		24.7	1.41	m_e mb	5.2
RJOB	89.78		P	16:22:15.700	-0.5	65.5		4.67		TAS		58.4	1.14	m_e mb	5.7
ROTZ	89.33		P	16:22:14.211	-0.1	65.5		4.67		TAS		19.7	1.21	m_e mb	5.2
TNS	91.33		P	16:22:23.400		65.5		4.67		TAS		18.7	1.31	m_e mb	5.3
UBBA	90.18		P	16:22:17.785		65.5		4.67		TAS		34.6	1.75	m_e mb	5.3
UBR	91.46		P	16:22:23.357		65.5		4.67		TAS		39.3	1.52	m_e mb	5.5
WERD	89.00		P	16:22:12.254	-0.1	65.5		4.67		TAS		21.7	1.45	m_e mb	5.2
WERN	89.02		P	16:22:12.510	0.3	65.5		4.67		TAS		69.1	2.36	m_e mb	5.5
WET	89.18		P	16:22:13.318	-0.3	65.5		4.67		TAS		20.1	1.49	m_e mb	5.1
WLF	92.90		P	16:22:30.793		65.5		4.67		TAS		25.5	1.11	m_e mb	5.6

Event 50211001 Andaman Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/11	03:30:08.78			12.4900	93.0300				37.4	0.9		27		73.54	77.91	m i ke	BGR
OrigID 50211007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50211007
Ms	4.6		BGR	50211007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.91		P	03:42:03.884		88.3		5.74		TAS		16.1	1.14	m_e	mb	5.0
ASSE	75.57		pP	03:42:00.536	0.0					T__				m_e		
BFO	77.28		P	03:41:59.353		88.3		5.74		TAS		5.5	0.98	m_e	mb	4.7
BRG	73.54		P	03:41:38.387	-0.2	88.3		5.74		TAS		35.7	1.66	m_e	mb	5.1
BRG	73.54		pP	03:41:49.332	0.1					T__				m_e		
BSEG	75.73		P	03:41:51.523	-0.6	88.3		5.74		TAS		27.7	1.03	m_e	mb	5.3
BSEG	75.73		pP	03:42:02.256	0.0					T__				m_e		
BUG	77.72		P	03:42:02.519		88.3		5.74		TAS		16.1	1.01	m_e	mb	5.1
CLL	74.13		P	03:41:41.493	-0.1	88.3		5.74		TAS		7.8	0.98	m_e	mb	4.7
CLL	74.13		pP	03:41:52.149	0.1					T__				m_e		
CLZ	75.76		P	03:41:51.430	0.1	88.3		5.74		TAS		19.9	1.08	m_e	mb	5.2
CLZ	75.76		pP	03:42:02.144						T__				m_e		
FBE	73.91		P	03:41:40.975	0.3	88.3		5.74		TAS		46.5	1.55	m_e	mb	5.3
FBE	73.91		pP	03:41:51.606	0.3					T__				m_e		
FLT1	75.21		P	03:41:47.426	0.5	88.3		5.74		TAS		48.7	2.00	m_e	mb	5.2
FLT1	75.21		pP	03:41:58.135	0.1					T__				m_e		
GEC2	73.69		P	03:41:39.301	-0.1	88.3		5.74		TAS		17.6	0.92	m_e	mb	5.1
GEC2	73.69		pP	03:41:49.736	-0.2					T__				m_e		
GRA1	75.30		P	03:41:49.056	0.1	88.3		5.74		TAS		17.6	1.09	m_e	mb	5.0
GRA1	75.30		L	04:19:03.942						T__	350.6	21.00	a_e	Ms	4.6	
GTTG	76.03		P	03:41:52.960	0.2	88.3		5.74		TAS		34.9	1.20	m_e	mb	5.4
GTTG	76.03		pP	03:42:03.843						T__				m_e		
GUNZ	74.57		P	03:41:44.533	0.3	88.3		5.74		TAS		13.7	1.13	m_e	mb	4.9
GUNZ	74.57		pP	03:41:55.137	-0.0					T__				m_e		
IBBN	77.35		P	03:42:00.536		88.3		5.74		TAS		21.4	0.82	m_e	mb	5.3
IBBN	77.35		pP	03:42:11.225						T__				m_e		
KAST	77.01		P	03:41:58.437		88.3		5.74		TAS		17.9	1.39	m_e	mb	5.0
MANZ	74.72		P	03:41:45.771	-0.2	88.3		5.74		TAS		29.6	1.41	m_e	mb	5.1
MANZ	74.72		pP	03:41:56.422	-0.7					T__				m_e		
NEUB	74.91		P	03:41:46.186	-0.7	88.3		5.74		TAS		23.8	1.20	m_e	mb	5.1
NEUB	74.91		pP	03:41:56.845	-0.4					T__				m_e		
PLN	74.67		P	03:41:44.946	0.4	88.3		5.74		TAS		7.7	0.90	m_e	mb	4.7
PLN	74.67		pP	03:41:55.685	-0.2					T__				m_e		
RJOB	74.31		P	03:41:43.192	-0.1	88.3		5.74		TAS		24.3	0.92	m_e	mb	5.2
ROTZ	74.66		P	03:41:45.339	-0.1	88.3		5.74		TAS		27.9	1.43	m_e	mb	5.1
ROTZ	74.66		pP	03:41:55.936	0.5					T__				m_e		
RUE	73.65		P	03:41:39.104	-0.1	88.3		5.74		TAS		38.1	0.91	m_e	mb	5.4
RUE	73.65		pP	03:41:49.755	-0.1					T__				m_e		
TANN	74.48		P	03:41:43.905	0.1	88.3		5.74		TAS		12.9	1.30	m_e	mb	4.8
TANN	74.48		pP	03:41:54.659	0.1					T__				m_e		
TNS	77.06		pP	03:42:09.452						T__				m_e		
UBR	76.13		pP	03:42:03.536						T__				m_e		
WERN	74.54		P	03:41:44.397	0.1	88.3		5.74		TAS		10.0	1.11	m_e	mb	4.8
WERN	74.54		pP	03:41:55.052	0.4					T__				m_e		
WET	74.23		P	03:41:42.472	0.3	88.3		5.74		TAS		16.0	1.23	m_e	mb	4.9
WET	74.23		pP	03:41:53.118	0.1					T__				m_e		

Event 50211015 Jujuy Province, Argentina

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/11	18:57:18.90			-23.1300	-66.6300				180.0			29		96.88	102.43	m i ke	EMSC
OrigID																	
50211047																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	97.81		Pdiff	19:10:34.876	0.3	246.6		4.58		TAS					m_e
ASSE	100.53		Pdiff	19:10:47.260	-0.1	246.6		4.58		TAS					m_e
BFO	97.55		Pdiff	19:10:33.115	-0.3	246.6		4.58		TAS					m_e
BFO	97.55		PP	19:14:29.163	0.5	244.8		7.47		TAS					m_e
BRG	101.93		PKKPbc	19:26:57.696		66.5		2.80		TAS					m_e
BRG	101.93		PKKPab	19:27:21.444		63.2		4.60		TAS					m_e
BUG	98.33		Pdiff	19:10:36.804	-0.1	246.6		4.58		TAS					m_e
BUG	98.33		PKKPab	19:27:37.055	0.1	63.2		4.60		TAS					m_e
CLL	101.54		Pdiff	19:10:51.641		246.6		4.58		TAS					m_e
CLL	101.54		PP	19:14:58.097		244.8		7.47		TAS					m_e
CLL	101.54		PKKPab	19:27:22.685		63.2		4.60		TAS					m_e
CLZ	100.25		Pdiff	19:10:45.762	0.1	246.6		4.58		TAS					m_e
CLZ	100.25		PKKPab	19:27:29.074	-0.2	63.2		4.60		TAS					m_e
FBE	101.60		Pdiff	19:10:51.941		246.6		4.58		TAS					m_e
FBE	101.60		PP	19:14:58.741		244.8		7.47		TAS					m_e
FBE	101.60		PKKPbc	19:26:58.755		66.5		2.80		TAS					m_e
FBE	101.60		PKKPab	19:27:23.084		63.2		4.60		TAS					m_e
FLT1	100.93		Pdiff	19:10:48.352	0.0	246.6		4.58		TAS					m_e
FLT1	100.93		PP	19:14:55.053		244.8		7.47		TAS					m_e
FLT1	100.93		PKKPab	19:27:25.125		63.2		4.60		TAS					m_e
FUR	99.26		Pdiff	19:10:41.210	-0.1	246.6		4.58		TAS					m_e
FUR	99.26		PP	19:14:41.552	-0.3	244.8		7.47		TAS					m_e
FUR	99.26		PKKPbc	19:27:05.411	-0.1	66.5		2.80		TAS					m_e
GEC2	101.02		Pdiff	19:10:49.088	0.1	246.6		4.58		TAS					m_e
GEC2	101.02		PP	19:14:54.944		244.8		7.47		TAS					m_e
GEC2	101.02		PKKPbc	19:27:00.460		66.5		2.80		TAS					m_e
GEC2	101.02		PKKPab	19:27:25.805		63.2		4.60		TAS					m_e
GRA1	99.86		Pdiff	19:10:44.152	0.2	246.6		4.58		TAS					m_e
GTTG	99.89		Pdiff	19:10:44.082	0.1	246.6		4.58		TAS					m_e
GTTG	99.89		PP	19:14:46.287		244.8		7.47		TAS					m_e
GTTG	99.89		PKKPab	19:27:30.463	-0.1	63.2		4.60		TAS					m_e
GUNZ	100.78		Pdiff	19:10:48.352	-0.1	246.6		4.58		TAS					m_e
GUNZ	100.78		PKKPbc	19:27:01.212		66.5		2.80		TAS					m_e
GUNZ	100.78		PKKPab	19:27:26.760		63.2		4.60		TAS					m_e
HLG	99.88		Pdiff	19:10:43.829	-0.1	246.6		4.58		TAS					m_e
IBBN	98.98		Pdiff	19:10:39.673	-0.2	246.6		4.58		TAS					m_e
IBBN	98.98		PKKPab	19:27:34.323	0.2	63.2		4.60		TAS					m_e

KAST	98.87	Pdiff	19:10:38.973	-0.4	246.6	4.58	TAS	m_e
KAST	98.87	PKKPab	19:27:35.269	0.4	63.2	4.60	TAS	m_e
MANZ	100.50	Pdiff	19:10:47.162	0.3	246.6	4.58	TAS	m_e
NEUB	100.78	Pdiff	19:10:48.072	0.1	246.6	4.58	TAS	m_e
NEUB	100.78	PKKPab	19:27:26.366		63.2	4.60	TAS	m_e
PLN	100.73	Pdiff	19:10:47.850	0.5	246.6	4.58	TAS	m_e
PLN	100.73	PP	19:14:52.493		244.8	7.47	TAS	m_e
PLN	100.73	PKKPbc	19:27:01.087		66.5	2.80	TAS	m_e
PLN	100.73	PKKPab	19:27:26.750		63.2	4.60	TAS	m_e
RJOB	100.03	Pdiff	19:10:44.479	-0.4	246.6	4.58	TAS	m_e
RJOB	100.03	PKKPbc	19:27:02.904		66.5	2.80	TAS	m_e
ROTZ	100.47	Pdiff	19:10:46.935	0.3	246.6	4.58	TAS	m_e
ROTZ	100.47	PKKPab	19:27:28.407	0.2	63.2	4.60	TAS	m_e
RUE	102.43	PKKPab	19:27:18.945		63.2	4.60	TAS	m_e
STU	98.26	Pdiff	19:10:36.626	-0.1	246.6	4.58	TAS	m_e
STU	98.26	PKKPbc	19:27:08.043	-0.2	66.5	2.80	TAS	m_e
TANN	100.88	Pdiff	19:10:48.758	-0.4	246.6	4.58	TAS	m_e
TANN	100.88	PKKPbc	19:27:00.773		66.5	2.80	TAS	m_e
TNS	98.46	Pdiff	19:10:37.528	0.0	246.6	4.58	TAS	m_e
TNS	98.46	PKKPab	19:27:37.193	0.1	63.2	4.60	TAS	m_e
UBBA	99.61	Pdiff	19:10:42.543	-0.2	246.6	4.58	TAS	m_e
UBBA	99.61	PKKPab	19:27:31.727	-0.1	63.2	4.60	TAS	m_e
UBR	98.35	Pdiff	19:10:37.437	0.3	246.6	4.58	TAS	m_e
UBR	98.35	PP	19:14:33.652	-0.0	244.8	7.47	TAS	m_e
UBR	98.35	PKKPbc	19:27:07.729	0.2	66.5	2.80	TAS	m_e
WERN	100.78	Pdiff	19:10:48.632	0.2	246.6	4.58	TAS	m_e
WERN	100.78	PKKPab	19:27:26.609		63.2	4.60	TAS	m_e
WET	100.63	Pdiff	19:10:47.405	-0.1	246.6	4.58	TAS	m_e
WET	100.63	PKKPab	19:27:27.796		63.2	4.60	TAS	m_e
WLF	96.88	Pdiff	19:10:30.505	0.2	246.6	4.58	TAS	m_e
WLF	96.88	PP	19:14:23.845	-0.1	244.8	7.47	TAS	m_e
WLF	96.88	PKKPab	19:27:44.410	0.0	63.2	4.60	TAS	m_e

Event 50212011 Near coast of Jalisco, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/12	15:51:05.75			19.6750	-104.7520				33.0					88.06	92.60	m i ke	BGR
OrigID 50212017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50212017
Ms	5.3		BGR	50212017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	89.84		L	16:43:47.271						T__		1661.8	20.60	a_e Ms	5.4
BSEG	88.06		L	16:41:51.514						T__		734.6	22.00	a_e Ms	5.1

CLL	90.86	L	16:42:18.929						T__	889.7	21.40	a_e	Ms	5.2
FUR	91.62	L	16:44:05.492						T__	828.2	21.10	a_e	Ms	5.2
GEC2	92.60	L	16:45:17.893						T__	1437.6	19.80	a_e	Ms	5.4
GRA1	90.78	P	16:04:04.939	293.6	5.13				TAS	6.1	0.79	m_e	mb	5.0
GRA1	90.78	L	16:44:03.153						T__	1240.4	21.10	a_e	Ms	5.3
KAST	88.46	L	16:43:52.401						T__	1738.2	18.70	a_e	Ms	5.5
TNS	88.97	L	16:42:55.736						T__	1262.0	21.30	a_e	Ms	5.3
WET	91.98	L	16:44:49.912						T__	1398.1	20.80	a_e	Ms	5.4

Event 50212012 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/12	21:59:17.87			-20.8630	-176.9910				33.0			12		146.51	152.64	m i ke	BGR
50212018																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.7		BGR	50212018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	152.26		L	23:02:10.022						T__		99.8	21.40	a_e	Ms	4.6
BRG	148.84		PKPbc	22:19:01.701		15.7		2.52		TAS				m_e		
BSEG	146.51		PKPbc	22:18:55.243		15.7		2.52		TAS				m_e		
CLL	148.62		PKPbc	22:19:00.810		15.7		2.52		TAS				m_e		
FUR	151.96		L	23:05:52.148						T__		101.8	18.20	a_e	Ms	4.7
GEC2	150.80		PKPbc	22:19:06.214		15.7		2.52		TAS				m_e		
GEC2	150.80		L	23:06:10.541						T__		113.0	19.70	a_e	Ms	4.7
GRA1	150.50		L	23:05:56.991						T__		135.0	18.90	a_e	Ms	4.8
GUNZ	149.65		PKPbc	22:19:03.834		15.7		2.52		TAS				m_e		
MANZ	150.06		PKPbc	22:19:04.944		15.7		2.52		TAS				m_e		
PLN	149.57		PKPbc	22:19:03.493		15.7		2.52		TAS				m_e		
ROTZ	150.25		PKPbc	22:19:05.114		15.7		2.52		TAS				m_e		
TANN	149.58		PKPbc	22:19:03.578		15.7		2.52		TAS				m_e		
TNS	150.39		L	23:04:40.084						T__		128.2	19.90	a_e	Ms	4.7
UBR	152.64		PKPbc	22:19:10.490	0.2	15.7		2.52		TAS				m_e		
WERN	149.72		PKPbc	22:19:03.920		15.7		2.52		TAS				m_e		
WET	150.70		L	23:06:20.371						T__		133.3	20.50	a_e	Ms	4.7
WLF	151.15		PKPbc	22:19:08.032	0.3	15.7		2.52		TAS				m_e		

Event 50212013 Panama

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/12	22:21:35.70			7.4160	-81.7010				33.0					85.98	86.29	m i ke	BGR
50212019																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50212019
Ms	4.0		BGR	50212019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FLT1	85.98		L	23:14:32.551						T__		57.6	19.90	a_e	Ms 4.0
GRA1	86.29		P	22:34:14.293		266.5		6.13		TAS		10.2	0.96	m_e	mb 4.9

Event 50213003 North Atlantic Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/13	18:43:59.93			28.5840	-63.1770				10.0			27		56.22	60.71	m i ke	BGR
OrigID 50213009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50213009
MBB	6.2		BGR	50213009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	56.22		P	18:53:33.612	-8.9	278.7		6.96		TAS		38.9	0.95	m_e	mb 5.4
BFO	57.27		P	18:53:47.573	0.3	278.7		6.96		TAS		59.9	0.92	m_e	mb 5.6
BRG	60.50		P	18:54:09.212		278.7		6.96		TAS		38.9	0.87	m_e	mb 5.4
BSEG	57.89		P	18:53:41.290	-4.7	278.7		6.96		TAS		207.3	0.94	m_e	mb 6.1
BUG	56.26		P	18:53:31.518	-5.6	278.7		6.96		TAS		60.2	0.81	m_e	mb 5.7
CLL	59.84		P	18:54:00.766	5.7	278.7		6.96		TAS		62.9	0.73	m_e	mb 5.7
CLZ	58.14		P	18:53:47.805	1.6	278.7		6.96		TAS		149.3	1.10	m_e	mb 5.9
FBE	60.12		P	18:54:06.652		278.7		6.96		TAS		67.9	1.02	m_e	mb 5.6
FLT1	58.61		P	18:53:49.667	0.7	278.7		6.96		TAS		51.2	0.92	m_e	mb 5.5
FUR	59.24		P	18:54:05.193		278.7		6.96		TAS		134.6	0.94	m_e	mb 6.0
GEC2	60.71		P	18:54:13.592		278.7		6.96		TAS		40.2	0.94	m_e	mb 5.2
GRA1	58.97		P	18:53:58.714	0.3	278.7		6.96		TAS		46.7	0.95	m_e	mb 5.5
GTTG	57.93		P	18:53:46.177	-6.0	278.7		6.96		TAS		326.7	1.00	m_e	mb 6.3
GUNZ	59.57		P	18:54:01.999	0.3	278.7		6.96		TAS		23.7	0.92	m_e	mb 5.2
HLG	56.44		P	18:54:13.764	33.7	278.7		6.96		TAS				a_e	
KAST	57.00		P	18:53:38.731	-4.8	278.7		6.96		TAS		68.8	1.01	m_e	mb 5.6
MANZ	59.49		P	18:54:02.697	3.0	278.7		6.96		TAS		23.5	0.97	m_e	mb 5.2
NEUB	59.09		P	18:53:56.414	-1.6	278.7		6.96		TAS		62.5	0.94	m_e	mb 5.6
RJOB	60.33		P	18:54:13.400		278.7		6.96		TAS		106.2	0.95	m_e	mb 5.8
ROTZ	59.59		P	18:54:02.993		278.7		6.96		TAS		14.4	0.97	m_e	mb 5.0
TANN	59.64		P	18:54:01.435		278.7		6.96		TAS				m_e	
TNS	57.12		P	18:53:42.175	1.1	278.7		6.96		TAS		156.6	1.00	m_e	mb 6.0
UBBA	58.04		P	18:53:48.269	4.6	278.7		6.96		TAS				m_e	
UBR	58.55		P	18:53:59.905	4.9	278.7		6.96		TAS		57.8	0.95	m_e	mb 5.6
WERN	59.61		P	18:54:02.697	3.1	278.7		6.96		TAS		37.8	1.25	m_e	mb 5.3
WET	60.12		P	18:54:09.444		278.7		6.96		TAS		26.6	1.09	m_e	mb 5.2

Event 50213004 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/13	18:58:11.60			52.7100	-31.4500				45.0					26.62	27.05	m i ke	EMSC
OrigID 50213036																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50213010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	26.62		P	19:03:47.231		293.0		8.12		TAS				m_e	
GRC2	27.05		P	19:03:49.843		293.0		8.12		TAS		48.3	0.98	m_e mb	5.2

Event 50213005 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/13	18:59:16.21			52.7520	-31.5720				10.0					23.33	28.51	m i ke	BGR
OrigID 50213011																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.8		BGR	50213011
MBB	7.0		BGR	50213011
Ms	6.2		BGR	50213011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	23.89		P	19:04:28.419		292.4		8.15		TAS		22907.8	3.64	m_e mb	7.1
ASSE	25.50		P	19:04:42.709		292.4		8.15		TAS		2420.4	1.78	m_e mb	6.6
BFO	25.50		P	19:04:41.957		292.4		8.15		TAS		882.8	1.21	m_e mb	6.3
BFO	25.50		L	19:14:23.634						T__		83594.2	20.60	a_e Ms	6.2
BRG	27.85		P	19:05:02.766		292.4		8.15		TAS		937.4	1.52	m_e mb	6.4
BSEG	24.78		P	19:04:35.690		292.4		8.15		TAS		11055.2	2.64	m_e mb	7.1
BSEG	24.78		L	19:13:26.124						T__		55125.5	21.20	a_e Ms	6.0
BUG	23.71		P	19:04:25.661		292.4		8.15		TAS		11585.0	2.28	m_e mb	7.0
CLL	27.14		P	19:04:55.496		292.4		8.15		TAS		827.8	1.23	m_e mb	6.3
CLL	27.14		L	19:15:30.617						T__		73519.0	19.20	a_e Ms	6.3
CLZ	25.41		P	19:04:41.456		292.4		8.15		TAS		1940.1	1.47	m_e mb	6.6
FBE	27.48		P	19:04:59.758		292.4		8.15		TAS		1151.1	1.49	m_e mb	6.4
FLT1	25.76		P	19:04:45.969		292.4		8.15		TAS		9954.5	3.32	m_e mb	6.9
FUR	27.35		P	19:04:58.003		292.4		8.15		TAS		2264.9	1.43	m_e mb	6.7
FUR	27.35		L	19:15:17.691						T__		73445.8	21.00	a_e Ms	6.2
GEC2	28.51		P	19:05:08.783		292.4		8.15		TAS		4767.1	3.05	m_e mb	6.8
GEC2	28.51		L	19:15:40.087						T__		50037.4	21.00	a_e Ms	6.1

GRA1	26.69	P	19:04:54.635	292.4	8.15	TAS	4905.2	2.24	m_e	mb	6.8
GRA1	26.69	L	19:14:54.776			T__	54962.0	19.90	a_e	Ms	6.1
GTTG	25.27	P	19:04:39.701	292.4	8.15	TAS	3831.9	1.46	m_e	mb	6.9
GUNZ	27.09	P	19:04:55.746	292.4	8.15	TAS	594.4	1.29	m_e	mb	6.2
HLG	23.33	P	19:04:23.906	292.4	8.15	TAS	10111.4	2.02	m_e	mb	7.0
IBBN	23.73	P	19:04:25.912	292.4	8.15	TAS	32372.5	3.13	m_e	mb	7.3
KAST	24.46	P	19:04:33.433	292.4	8.15	TAS	8537.9	2.94	m_e	mb	6.8
MANZ	27.10	P	19:04:57.000	292.4	8.15	TAS	825.3	1.73	m_e	mb	6.2
NEUB	26.45	P	19:04:53.239	292.4	8.15	TAS	11585.1	3.14	m_e	mb	7.0
PLN	26.94	P	19:04:54.242	292.4	8.15	TAS	1508.0	1.86	m_e	mb	6.4
RGN	26.33	P	19:04:51.234	292.4	8.15	TAS	2133.1	1.23	m_e	mb	6.6
RJOB	28.46	P	19:05:08.532	292.4	8.15	TAS	18689.4	3.28	m_e	mb	7.4
ROTZ	27.24	P	19:04:58.504	292.4	8.15	TAS	6079.0	2.98	m_e	mb	6.8
RUE	27.19	P	19:04:58.003	292.4	8.15	TAS	6669.4	3.02	m_e	mb	6.8
SKMB	24.10	P	19:04:31.177	292.4	8.15	TAS	44547.1	3.10	m_e	mb	7.5
STU	25.84	P	19:04:45.217	292.4	8.15	TAS	1454.3	1.24	m_e	mb	6.5
TANN	27.14	P	19:04:57.251	292.4	8.15	TAS	3659.2	2.43	m_e	mb	6.7
TNS	24.83	P	19:04:36.943	292.4	8.15	TAS	4803.7	2.24	m_e	mb	6.8
TNS	24.83	L	19:13:16.767			T__	81614.1	19.60	a_e	Ms	6.2
UBR	26.86	P	19:04:53.991	292.4	8.15	TAS	2586.9	2.04	m_e	mb	6.6
WERN	27.14	P	19:04:57.000	292.4	8.15	TAS	2210.8	2.32	m_e	mb	6.5
WET	27.90	P	19:05:04.772	292.4	8.15	TAS	5793.8	3.26	m_e	mb	6.8
WET	27.90	L	19:15:11.372			T__	56151.4	21.10	a_e	Ms	6.1
WLF	23.66	P	19:04:24.408	292.4	8.15	TAS	41747.5	4.62	m_e	mb	7.3

Event 50213006 North Atlantic Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/13	19:32:52.78			51.2280	-35.1630				10.0			31		26.11	31.02	m i ke	BGR
50213012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50213012
Ms	5.5		BGR	50213012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	26.39		P	19:38:28.001	3.0	291.1		8.88		TAS		508.1	2.08	m_e	mb	5.8
ASSE	28.08		P	19:38:42.302	-0.9	291.1		8.88		TAS		177.5	1.30	m_e	mb	5.7
BFO	27.93		P	19:38:42.481	0.4	291.1		8.88		TAS		87.9	1.07	m_e	mb	5.5
BRG	30.41		P	19:39:03.397		291.1		8.88		TAS		42.5	1.01	m_e	mb	5.2
BSEG	27.41		P	19:38:36.582	0.4	291.1		8.88		TAS		399.3	1.04	m_e	mb	6.1
BUG	26.25		P	19:38:26.137	-0.5	291.1		8.88		TAS		604.5	1.99	m_e	mb	5.9
CLL	29.71		P	19:38:57.176	0.9	291.1		8.88		TAS		60.7	0.79	m_e	mb	5.5
CLZ	27.98		P	19:38:42.168	-0.8	291.1		8.88		TAS		275.6	1.30	m_e	mb	5.9
FBE	30.05		P	19:39:00.626		291.1		8.88		TAS		56.1	1.02	m_e	mb	5.3
FLT1	28.35		P	19:38:44.269	1.5	291.1		8.88		TAS		136.4	1.14	m_e	mb	5.7

FUR	29.81	P	19:38:59.636	0.1	291.1	8.88	TAS	148.4	1.07	m_e	mb	5.7
GEC2	31.02	P	19:39:09.832		291.1	8.88	TAS	73.1	1.23	m_e	mb	5.5
GRA1	29.19	P	19:38:53.564	-0.4	291.1	8.88	TAS	305.8	1.85	m_e	mb	5.8
GRA1	29.19	L	19:53:10.664				T__	10344.4	18.50	a_e	Ms	5.5
GTTG	27.83	P	19:38:41.435		291.1	8.88	TAS	624.8	1.11	m_e	mb	6.4
GUNZ	29.63	P	19:38:56.863	0.2	291.1	8.88	TAS	67.1	1.25	m_e	mb	5.3
IBBN	26.30	P	19:38:26.808	-0.6	291.1	8.88	TAS	255.9	0.86	m_e	mb	5.9
KAST	27.00	P	19:38:33.140	1.1	291.1	8.88	TAS	131.2	1.30	m_e	mb	5.5
MANZ	29.62	P	19:38:56.997	-0.1	291.1	8.88	TAS	34.2	1.13	m_e	mb	5.1
NEUB	29.01	P	19:38:51.183	-0.3	291.1	8.88	TAS	61.8	0.78	m_e	mb	5.5
PLN	29.48	P	19:38:55.297	-0.2	291.1	8.88	TAS	64.7	1.25	m_e	mb	5.3
RJOB	30.91	P	19:39:09.475		291.1	8.88	TAS	177.3	1.19	m_e	mb	5.9
ROTZ	29.76	P	19:38:58.436	0.9	291.1	8.88	TAS	110.7	1.66	m_e	mb	5.4
RUE	29.80	P	19:38:57.668	-0.3	291.1	8.88	TAS	290.6	2.25	m_e	mb	5.7
SKMB	26.74	P	19:38:31.799	-0.8	291.1	8.88	TAS	815.2	1.56	m_e	mb	6.2
STU	28.29	P	19:38:45.637	-0.6	291.1	8.88	TAS	136.0	0.94	m_e	mb	5.8
TANN	29.69	P	19:38:57.534	-0.5	291.1	8.88	TAS	86.2	1.25	m_e	mb	5.4
TNS	27.33	P	19:38:37.363	-0.1	291.1	8.88	TAS	332.3	1.07	m_e	mb	6.0
UBBA	28.07	P	19:38:42.660	-0.4	291.1	8.88	TAS	97.9	1.52	m_e	mb	5.4
UBR	29.28	P	19:38:55.208	-0.4	291.1	8.88	TAS	101.6	1.43	m_e	mb	5.5
WERN	29.68	P	19:38:57.363	-0.1	291.1	8.88	TAS	59.7	1.50	m_e	mb	5.2
WET	30.40	P	19:39:03.978		291.1	8.88	TAS	29.2	1.21	m_e	mb	5.0
WLF	26.11	P	19:38:25.529	-1.1	291.1	8.88	TAS	561.6	2.12	m_e	mb	5.8

Event 50213007 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/13	20:06:36.27			23.0850	121.3240				33.0			30		82.03	87.60	m i ke	BGR
50213013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	50213013
MBB	6.3		BGR	50213013
Ms	6.4		BGR	50213013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	86.63		P	20:19:15.793		60.2		5.04		TAS		101.2	1.37	m_e	mb	5.8
ASSE	83.87		P	20:19:01.860	0.2	60.2		5.04		TAS		119.6	1.57	m_e	mb	5.9
BFO	87.12		P	20:19:17.508		60.2		5.04		TAS		50.3	1.43	m_e	mb	5.4
BFO	87.12		L	21:01:03.796						T__		15040.8	20.50	a_e	Ms	6.4
BRG	82.69		P	20:18:55.362	0.4	60.2		5.04		TAS		133.5	1.69	m_e	mb	5.9
BSEG	83.15		P	20:18:58.505	0.1	60.2		5.04		TAS		107.7	1.64	m_e	mb	5.8
BSEG	83.15		L	20:59:05.460						T__		19154.6	19.10	a_e	Ms	6.5
BUG	86.04		P	20:19:12.378	0.2	60.2		5.04		TAS		186.7	1.27	m_e	mb	6.1
CLL	83.00		P	20:18:56.848	0.4	60.2		5.04		TAS		142.1	1.52	m_e	mb	6.0
CLL	83.00		L	21:01:04.058						T__		38878.2	18.00	a_e	Ms	6.8

CLZ	84.18	P	20:19:03.464	0.1	60.2	5.04	TAS	251.4	1.71	m_e	mb	6.2
FBE	82.99	P	20:18:57.688	-0.5	60.2	5.04	TAS	229.9	1.52	m_e	mb	6.2
FLT1	83.47	P	20:18:59.007	-0.1	60.2	5.04	TAS	128.5	1.61	m_e	mb	5.9
FUR	85.51	P	20:19:10.372	0.2	60.2	5.04	TAS	306.4	1.64	m_e	mb	6.2
FUR	85.51	L	21:02:11.850				T__	15154.0	18.90	a_e	Ms	6.4
GEC2	83.77	P	20:19:01.106	-0.1	60.2	5.04	TAS	143.3	1.58	m_e	mb	6.0
GEC2	83.77	L	21:01:39.064				T__	13725.7	18.50	a_e	Ms	6.4
GRA1	84.78	P	20:19:06.630	0.0	60.2	5.04	TAS	177.2	1.59	m_e	mb	6.0
GRA1	84.78	L	21:02:03.009				T__	16405.6	19.00	a_e	Ms	6.4
GTTG	84.55	P	20:19:05.131	0.3	60.2	5.04	TAS	230.4	1.86	m_e	mb	6.1
GUNZ	83.83	P	20:19:01.479	0.1	60.2	5.04	TAS	128.9	1.40	m_e	mb	6.0
IBBN	85.32	P	20:19:08.841	-0.5	60.2	5.04	TAS	163.2	1.06	m_e	mb	6.2
KAST	85.55	P	20:19:10.220	-0.6	60.2	5.04	TAS	139.5	1.73	m_e	mb	5.8
MANZ	84.14	P	20:19:03.619	0.3	60.2	5.04	TAS	91.3	1.48	m_e	mb	5.8
NEUB	83.74	P	20:19:01.107	-0.0	60.2	5.04	TAS	228.6	1.60	m_e	mb	6.2
PLN	83.87	P	20:19:01.643	0.5	60.2	5.04	TAS	98.4	1.51	m_e	mb	5.8
RJOB	84.83	P	20:19:06.683	-0.3	60.2	5.04	TAS			m_e		
ROTZ	84.19	P	20:19:03.454	0.0	60.2	5.04	TAS	134.0	1.53	m_e	mb	5.9
RUE	82.03	P	20:18:52.263	-0.4	60.2	5.04	TAS	124.0	1.28	m_e	mb	5.9
TANN	83.73	P	20:19:01.155	-0.1	60.2	5.04	TAS	95.4	1.45	m_e	mb	5.8
TNS	86.05	P	20:19:13.214		60.2	5.04	TAS	88.3	1.46	m_e	mb	5.7
TNS	86.05	L	21:06:43.933				T__	9180.2	19.10	a_e	Ms	6.2
UBBA	84.90	P	20:19:06.920	0.5	60.2	5.04	TAS	127.7	1.65	m_e	mb	5.9
UBR	86.44	P	20:19:14.148		60.2	5.04	TAS	71.6	1.20	m_e	mb	5.7
WERN	83.84	P	20:19:01.610	0.5	60.2	5.04	TAS	156.8	1.61	m_e	mb	6.0
WET	84.11	P	20:19:03.401	-0.0	60.2	5.04	TAS	88.1	1.49	m_e	mb	5.8
WET	84.11	L	20:58:29.493				T__	13434.9	20.50	a_e	Ms	6.3
WLF	87.60	P	20:19:20.736		60.2	5.04	TAS	187.0	1.28	m_e	mb	6.3

Event 50214003 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/14	04:54:49.50			-15.5100	-174.3400				144.0					145.61	145.61	m i ke	NEIC
50214057																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	145.61		PKPdf	05:14:11.326		9.5		2.48		TAS					m_e

Event 50214004 Southern Mid-Atlantic Ridge

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

2015/02/14 16:54:28.08
50214010

-16.2580 -14.1020

10.0

67.24 71.33 m i ke BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50214010
Ms	4.1		BGR	50214010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	67.34		P	17:05:23.436		205.5		6.73		TAS		2.8	0.79	m_e	mb 4.6
BFO	67.34		L	17:31:44.974						T__		73.6	21.90	a_e	Ms 3.9
CLL	71.33		L	17:36:38.367						T__		113.6	20.30	a_e	Ms 4.1
FUR	68.02		L	17:35:13.924						T__		99.3	19.60	a_e	Ms 4.0
GEC2	69.37		P	17:05:36.780		205.5		6.73		TAS		1.8	0.78	m_e	mb 4.4
GEC2	69.37		L	17:35:59.482						T__		185.3	18.00	a_e	Ms 4.4
GRA1	69.37		P	17:05:37.889		205.5		6.73		TAS		3.3	0.71	m_e	mb 4.7
GRA1	69.37		L	17:33:12.084						T__		115.0	20.10	a_e	Ms 4.1
ROTZ	69.73		P	17:05:39.003		205.5		6.73		TAS		2.8	0.83	m_e	mb 4.4
TNS	69.11		L	17:30:10.292						T__		113.6	18.70	a_e	Ms 4.1
UBR	67.24		P	17:05:22.992		205.5		6.73		TAS		5.3	0.89	m_e	mb 4.8
WET	69.37		P	17:05:36.483		205.5		6.73		TAS		3.0	0.86	m_e	mb 4.5
WET	69.37		L	17:36:43.119						T__		90.2	20.30	a_e	Ms 4.0

Event 50214005 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/14	18:13:35.61			-23.8530	-177.6700				33.0			11		149.36	154.75	m i ke	BGR

OrigID
50214011

Magnitude	Err	Nsta	Author	OrigID
Ms	4.3		BGR	50214011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	151.56		PKPbc	18:33:26.666	-0.2	18.3		2.26		TAS				m_e	
BSEG	149.36		L	19:44:15.214						T__		48.7	21.10	a_e	Ms 4.3
CLL	151.38		PKPbc	18:33:26.128	0.2	18.3		2.26		TAS				m_e	
CLZ	151.38		PKPbc	18:33:26.279		18.3		2.26		TAS				m_e	
GEC2	153.49		PKPbc	18:33:31.191	-0.2	18.3		2.26		TAS				m_e	
GRA1	153.28		L	19:52:44.275						T__		52.7	20.40	a_e	Ms 4.3
GUNZ	152.41		PKPbc	18:33:28.849	-0.1	18.3		2.26		TAS				m_e	
KAST	152.29		PKPbc	18:33:28.443		18.3		2.26		TAS				m_e	
MANZ	152.82		PKPbc	18:33:29.883		18.3		2.26		TAS				m_e	
PLN	152.34		PKPbc	18:33:28.515		18.3		2.26		TAS				m_e	
RJOB	154.75		PKPbc	18:33:33.817	0.0	18.3		2.26		TAS				m_e	
ROTZ	153.00		PKPbc	18:33:30.004		18.3		2.26		TAS				m_e	
TANN	152.34		PKPbc	18:33:28.545	0.3	18.3		2.26		TAS				m_e	

Event 50215004 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
2015/02/15	00:14:37.80			37.9320	141.2370				33.0			19		80.13	84.45	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50215010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	84.45		P	00:27:04.889		37.6		5.25		TAS		18.8	1.15	m_e mb	5.2
BRG	80.21		P	00:26:42.992	-0.1	37.6		5.25		TAS		8.6	0.96	m_e mb	4.7
CLL	80.25		P	00:26:43.223	0.2	37.6		5.25		TAS		12.7	0.90	m_e mb	4.8
CLZ	80.84		P	00:26:46.932	0.2	37.6		5.25		TAS		12.2	1.03	m_e mb	4.9
FBE	80.41		P	00:26:44.704	0.1	37.6		5.25		TAS		22.0	1.05	m_e mb	5.0
FLT1	80.13		P	00:26:42.169	0.2	37.6		5.25		TAS		8.1	0.85	m_e mb	4.7
FUR	83.42		P	00:26:59.941		37.6		5.25		TAS		19.8	0.98	m_e mb	5.3
GEC2	81.88		P	00:26:51.526		37.6		5.25		TAS		5.3	1.00	m_e mb	4.6
GRA1	82.22		P	00:26:54.441		37.6		5.25		TAS		20.3	0.91	m_e mb	5.2
GUNZ	81.25		P	00:26:49.017	-0.1	37.6		5.25		TAS		4.9	0.90	m_e mb	4.5
IBBN	81.43		P	00:26:49.816		37.6		5.25		TAS		19.0	1.00	m_e mb	5.1
KAST	82.09		P	00:26:53.314		37.6		5.25		TAS		5.2	0.91	m_e mb	4.7
MANZ	81.64		P	00:26:50.913		37.6		5.25		TAS		6.9	0.97	m_e mb	4.8
NEUB	80.82		P	00:26:46.441	0.3	37.6		5.25		TAS		14.7	1.03	m_e mb	5.0
RJOB	83.12		P	00:26:58.854		37.6		5.25		TAS		62.8	1.13	m_e mb	5.7
ROTZ	81.77		P	00:26:51.737		37.6		5.25		TAS		15.2	1.51	m_e mb	4.9
STU	83.76		P	00:27:01.815		37.6		5.25		TAS		14.9	0.81	m_e mb	5.3
WERN	81.30		P	00:26:48.960	-0.7	37.6		5.25		TAS		8.3	1.11	m_e mb	4.7
WET	81.99		P	00:26:52.893		37.6		5.25		TAS		5.7	1.00	m_e mb	4.7

Event 50215005 Reykjanes Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/15	04:36:36.49			52.5670	-33.7550				10.0					26.09	29.85	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	50215011
Ms	3.5		BGR	50215011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	26.85		L	04:51:54.246						T__		176.2	19.50	a_e Ms	3.6
BSEG	26.09		L	04:54:35.721						T__		185.9	18.00	a_e Ms	3.7

CLL	28.47	L	04:52:09.581						T__	129.3	20.70	a_e	Ms	3.5
FUR	28.70	L	04:51:17.821						T__	173.8	19.90	a_e	Ms	3.7
GEC2	29.85	L	04:53:45.742						T__	122.5	21.40	a_e	Ms	3.5
GRA1	28.03	P	04:42:26.893	293.7	11.01				TAS	7.9	1.06	m_e	mb	4.5
GRA1	28.03	L	04:52:30.640						T__	186.9	18.30	a_e	Ms	3.7
TNS	26.17	L	04:55:14.925						T__	85.0	21.60	a_e	Ms	3.2
WET	29.24	L	04:55:25.112						T__	89.0	21.50	a_e	Ms	3.4

Event 50215006 Reykjanes Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/15	09:08:13.80			52.9060	-33.8060				10.0					25.75	29.82	m i ke	BGR
OrigID																	
50215012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50215012
Ms	3.4		BGR	50215012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	26.83		L	09:23:45.642						T__		113.6	19.90	a_e	Ms	3.4
BSEG	26.00		P	09:13:47.077		293.4		8.51		TAS		30.9	1.01	m_e	mb	4.9
BSEG	26.00		L	09:21:43.334						T__		116.0	18.40	a_e	Ms	3.4
CLL	28.40		L	09:23:04.802						T__		74.5	20.20	a_e	Ms	3.3
CLZ	26.68		P	09:13:53.614		293.4		8.51		TAS		23.5	1.25	m_e	mb	4.8
FLT1	27.02		P	09:13:56.305		293.4		8.51		TAS		15.5	1.30	m_e	mb	4.6
FUR	28.67		L	09:23:38.301						T__		94.4	21.00	a_e	Ms	3.4
GEC2	29.82		L	09:23:33.057						T__		88.0	20.80	a_e	Ms	3.4
GRA1	27.98		P	09:14:03.848		293.4		8.51		TAS		6.3	1.04	m_e	mb	4.4
GRA1	27.98		L	09:21:43.371						T__		57.2	21.30	a_e	Ms	3.1
GTTG	26.54		P	09:13:52.623		293.4		8.51		TAS		56.4	1.13	m_e	mb	5.2
KAST	25.75		P	09:13:42.712		293.4		8.51		TAS		10.2	1.16	m_e	mb	4.3
TNS	26.13		P	09:13:47.991		293.4		8.51		TAS		28.3	1.06	m_e	mb	4.8
TNS	26.13		L	09:22:14.520						T__		137.2	18.10	a_e	Ms	3.5
WET	29.20		L	09:23:15.381						T__		87.1	19.90	a_e	Ms	3.4

Event 50215007 Southern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/15	09:38:52.20			39.3780	75.5210				33.0					43.73	47.85	m i ke	BGR
OrigID																	
50215013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50215013

Ms 3.8 BGR 50215013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	47.85		L	10:08:41.024						T__		79.4	20.60	a_e	Ms 3.7
BRG	43.73		P	09:46:53.257		82.6		7.04		TAS		7.6	0.86	m_e	mb 4.4
BSEG	45.43		L	10:09:37.560						T__		116.2	18.30	a_e	Ms 3.9
CLL	44.24		P	09:46:57.076		82.6		7.04		TAS		11.7	1.12	m_e	mb 4.5
CLL	44.24		L	10:06:32.085						T__		147.7	18.30	a_e	Ms 3.9
FUR	45.99		L	10:07:32.526						T__		116.0	21.30	a_e	Ms 3.8
GEC2	44.26		P	09:46:57.315		82.6		7.04		TAS		18.5	1.19	m_e	mb 4.7
GEC2	44.26		L	10:06:29.561						T__		125.7	19.60	a_e	Ms 3.8
GRA1	45.67		P	09:47:08.877		82.6		7.04		TAS		15.3	0.94	m_e	mb 5.0
GRA1	45.67		L	10:07:05.858						T__		108.6	19.80	a_e	Ms 3.8
GTTG	46.07		P	09:47:12.356		82.6		7.04		TAS		18.2	1.02	m_e	mb 5.1
TNS	47.30		L	10:10:48.526						T__		82.6	21.80	a_e	Ms 3.7
UBR	46.87		P	09:47:17.814		82.6		7.04		TAS		22.1	1.24	m_e	mb 5.2
WET	44.73		P	09:47:01.579		82.6		7.04		TAS		15.1	1.12	m_e	mb 4.8
WET	44.73		L	10:08:05.821						T__		89.2	19.20	a_e	Ms 3.7

Event 50215008 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/15	10:03:08.90			-18.5800	168.9200				205.0			15		143.17	146.40	m i ke	NEIC
OrigID 50215062																	

Magnitude 4.4 Err Nsta Author BGR 50215014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	146.40		PKPab	10:22:26.085		37.9		3.27		TAS				m_e	
GEC2	143.77		PKPab	10:22:17.813		37.9		3.27		TAS				m_e	
GRA1	144.17		PKPab	10:22:19.480		37.9		3.27		TAS				m_e	
GRA1	144.17		L	11:24:13.797						T__		57.6	18.50	a_e	Ms 4.4
GUNZ	143.20		PKPab	10:22:16.331		37.9		3.27		TAS				m_e	
IBBN	143.24		PKPab	10:22:16.309		37.9		3.27		TAS				m_e	
KAST	143.97		PKPab	10:22:18.533		37.9		3.27		TAS				m_e	
MANZ	143.58		PKPab	10:22:17.410		37.9		3.27		TAS				m_e	
PLN	143.17		PKPab	10:22:15.825		37.9		3.27		TAS				m_e	
RJOB	145.00		PKPab	10:22:22.078		37.9		3.27		TAS				m_e	
ROTZ	143.71		PKPab	10:22:17.851		37.9		3.27		TAS				m_e	
STU	145.70		PKPab	10:22:25.139		37.9		3.27		TAS				m_e	
TNS	144.78		PKPab	10:22:21.440		37.9		3.27		TAS				m_e	
UBR	146.21		PKPab	10:22:25.711		37.9		3.27		TAS				m_e	
WERN	143.24		PKPab	10:22:16.265		37.9		3.27		TAS				m_e	
WET	143.91		PKPab	10:22:18.489		37.9		3.27		TAS				m_e	

Event 50215009 North of Ascension Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/15	12:10:37.54			-4.6350	-12.5450				10.0			10		55.77	61.42	m i ke	BGR
OrigID 50215015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50215015
Ms	4.0		BGR	50215015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	55.82		P	12:20:16.787		206.9		7.35		TAS		38.9	1.44	m_e mb	5.2
BFO	55.82		L	12:41:28.466						T__		131.4	20.80	a_e Ms	4.0
BSEG	61.42		L	12:49:33.707						T__		107.4	20.20	a_e Ms	4.0
CLL	59.87		L	12:47:09.520						T__		127.0	19.10	a_e Ms	4.1
FUR	56.57		L	12:46:01.912						T__		231.0	19.20	a_e Ms	4.3
GEC2	57.97		P	12:20:31.765		206.9		7.35		TAS		43.6	1.40	m_e mb	5.3
GEC2	57.97		L	12:44:52.853						T__		121.2	21.80	a_e Ms	4.0
GRA1	57.90		P	12:20:31.237		206.9		7.35		TAS		67.6	1.88	m_e mb	5.4
GRA1	57.90		L	12:43:57.277						T__		138.4	19.70	a_e Ms	4.1
GUNZ	58.83		P	12:20:38.596		206.9		7.35		TAS		27.6	1.37	m_e mb	5.1
MANZ	58.43		P	12:20:35.202		206.9		7.35		TAS		35.9	1.62	m_e mb	5.1
PLN	58.89		P	12:20:38.556		206.9		7.35		TAS		34.0	1.67	m_e mb	5.1
ROTZ	58.27		P	12:20:34.608		206.9		7.35		TAS		61.6	2.19	m_e mb	5.2
TANN	58.92		P	12:20:38.893		206.9		7.35		TAS		30.5	1.36	m_e mb	5.1
TNS	57.57		L	12:45:18.893						T__		97.0	18.00	a_e Ms	4.0
UBR	55.77		P	12:20:16.255		206.9		7.35		TAS		24.8	1.10	m_e mb	5.2
UBR	55.77		L	12:46:04.491						T__		122.9	20.30	a_e Ms	4.0
WERN	58.78		P	12:20:37.917		206.9		7.35		TAS		32.6	1.47	m_e mb	5.1
WET	57.95		P	12:20:31.807		206.9		7.35		TAS		51.5	1.79	m_e mb	5.3
WET	57.95		L	12:47:17.996						T__		105.9	18.30	a_e Ms	4.0
WLF	56.46		P	12:20:21.817		206.9		7.35		TAS		32.4	1.44	m_e mb	5.2

Event 50215010 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/15	12:56:48.40			-5.8000	150.9600				82.0					122.82	124.71	m i ke	NEIC
OrigID 50215049																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.7		BGR	50215016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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CLL	122.82	PKPdf	13:15:34.288	51.5	0.99	TAS												m_e
GEC2	123.92	PKPdf	13:15:37.356	51.5	0.99	TAS												m_e
GRA1	124.71	PKPdf	13:15:38.450	51.5	0.99	TAS												m_e
GRA1	124.71	L	14:09:52.292			T__						186.0	19.90	a_e	Ms		4.7	
GUNZ	123.73	PKPdf	13:15:37.092	51.5	0.99	TAS												m_e

Event 50215011 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/02/15	13:49:51.40			-18.3500	176.9300				40.0			28		143.00	148.82	m i ke	NEIC	
50215065																		

Magnitude	Err	Nsta	Author	OrigID
Ms	5.1		BGR	50215017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
AHRW	146.88		PKPab	14:09:32.843		25.3		3.25		TAS					m_e		
ASSE	144.60		PKPab	14:09:23.814	-0.0	25.3		3.25		TAS					a_e		
BFO	148.69		PKPab	14:09:35.964		25.3		3.25		TAS					a_e		
BFO	148.69		L	15:12:38.978						T__		441.5	21.80	a_e	Ms	5.2	
BRG	144.84		PKPab	14:09:24.764	-0.1	25.3		3.25		TAS					a_e		
BSEG	143.00		L	15:07:02.145						T__		354.0	22.00	a_e	Ms	5.1	
BUG	145.98		PKPab	14:09:28.264	-0.4	25.3		3.25		TAS					a_e		
CLL	144.73		PKPab	14:09:24.114	0.0	25.3		3.25		TAS					a_e		
CLL	144.73		L	15:09:49.351						T__		254.3	21.80	a_e	Ms	5.0	
CLZ	144.94		PKPab	14:09:25.214	0.1	25.3		3.25		TAS					a_e		
FBE	144.97		PKPab	14:09:25.564	0.2	25.3		3.25		TAS					a_e		
FLT1	144.28		PKPab	14:09:23.384	-0.4	25.3		3.25		TAS					m_e		
FUR	148.05		PKPab	14:09:36.625		25.3		3.25		TAS					m_e		
FUR	148.05		L	15:11:48.915						T__		385.8	21.60	a_e	Ms	5.2	
GEC2	146.69		PKPab	14:09:30.514	1.4	25.3		3.25		TAS					a_e		
GEC2	146.69		L	15:12:06.401						T__		391.1	21.80	a_e	Ms	5.2	
GRA1	146.69		PKPab	14:09:32.609	-1.8	25.3		3.25		TAS					m_e		
GRA1	146.69		L	15:18:13.450						T__		239.1	20.80	a_e	Ms	5.0	
GTTG	145.31		PKPab	14:09:26.314	-0.3	25.3		3.25		TAS					a_e		
GUNZ	145.77		PKPab	14:09:28.214	-0.9	25.3		3.25		TAS					a_e		
IBBN	145.06		PKPab	14:09:25.164	-0.1	25.3		3.25		TAS					a_e		
KAST	145.97		PKPab	14:09:28.414	-0.2	25.3		3.25		TAS					a_e		
MANZ	146.17		PKPab	14:09:29.514	0.6	25.3		3.25		TAS					a_e		
NEUB	145.18		PKPab	14:09:25.764	-0.1	25.3		3.25		TAS					a_e		
PLN	145.71		PKPab	14:09:27.764	0.2	25.3		3.25		TAS					m_e		
RJOB	147.95		PKPab	14:09:36.130		25.3		3.25		TAS					m_e		
ROTZ	146.34		PKPab	14:09:30.114	1.1	25.3		3.25		TAS					a_e		
STU	148.07		PKPab	14:09:36.714		25.3		3.25		TAS					a_e		
TANN	145.69		PKPab	14:09:27.814	0.1	25.3		3.25		TAS					a_e		
TNS	146.89		PKPab	14:09:31.264		25.3		3.25		TAS					a_e		

TNS	146.89	L	15:11:47.166							T__	512.0	22.00	a_e	Ms	5.3
UBBA	145.97	PKPab	14:09:28.464	1.4	25.3	3.25				TAS			a_e		
UBR	148.82	PKPab	14:09:36.164		25.3	3.25				TAS			a_e		
WERN	145.82	PKPab	14:09:28.464	1.6	25.3	3.25				TAS			a_e		
WET	146.69	L	15:12:29.994							T__	537.7	21.00	a_e	Ms	5.3
WLF	147.89	PKPab	14:09:34.414		25.3	3.25				TAS			a_e		

Event 50215012 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/15	16:00:37.60			-19.3900	-175.7400				161.0					145.20	151.38	m i ke	NEIC
	50215066																

Magnitude	Err	Nsta	Author	OrigID
Ms	4.4		BGR	50215018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	150.94		PKPbc	16:20:10.634		12.9		1.72		TAS				m_e		
BSEG	145.20		PKPbc	16:19:55.755		12.9		1.72		TAS				m_e		
CLL	147.41		PKPbc	16:20:01.856		12.9		1.72		TAS				m_e		
CLZ	147.26		PKPbc	16:20:01.260		12.9		1.72		TAS				m_e		
FLT1	146.68		PKPbc	16:19:59.921		12.9		1.72		TAS				m_e		
FUR	150.74		PKPbc	16:20:10.485		12.9		1.72		TAS				m_e		
GEC2	149.64		PKPbc	16:20:07.807		12.9		1.72		TAS				m_e		
GRA1	149.26		PKPbc	16:20:07.036		12.9		1.72		TAS				m_e		
GRA1	149.26		L	17:29:53.181						T__		64.1	21.00	a_e	Ms	4.4
GUNZ	148.43		PKPbc	16:20:04.831		12.9		1.72		TAS				m_e		
MANZ	148.84		PKPbc	16:20:05.575		12.9		1.72		TAS				m_e		
RJOB	150.88		PKPbc	16:20:10.485		12.9		1.72		TAS				m_e		
ROTZ	149.03		PKPbc	16:20:06.617		12.9		1.72		TAS				m_e		
TANN	148.36		PKPbc	16:20:04.236		12.9		1.72		TAS				m_e		
TNS	149.06		PKPbc	16:20:06.617		12.9		1.72		TAS				m_e		
UBR	151.38		PKPbc	16:20:11.824		12.9		1.72		TAS				m_e		
WLF	149.76		PKPbc	16:20:08.402		12.9		1.72		TAS				m_e		

Event 50215013 Santa Cruz Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/15	21:08:42.50			-10.8300	165.6400				40.0					132.72	138.06	m i ke	NEIC
	50215067																

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	50215019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	138.06		PKPdf	21:28:04.494		37.5		1.25		TAS				m_e	
BFO	138.06		L	22:38:53.044						T__		151.3	20.00	a_e Ms	4.7
BRG	133.83		PKPdf	21:27:55.069		37.5		1.25		TAS				m_e	
BSEG	132.72		L	22:26:02.130						T__		222.2	21.20	a_e Ms	4.8
CLL	133.87		L	22:31:14.622						T__		236.4	20.00	a_e Ms	4.9
CLZ	134.43		PKPdf	21:27:56.069		37.5		1.25		TAS				m_e	
FUR	137.03		L	22:30:45.042						T__		260.3	18.80	a_e Ms	5.0
GEC2	135.47		PKPdf	21:27:58.341		37.5		1.25		TAS				m_e	
GEC2	135.47		L	22:27:03.141						T__		256.0	19.90	a_e Ms	4.9
GRA1	135.84		PKPdf	21:27:59.361		37.5		1.25		TAS				m_e	
GRA1	135.84		L	22:32:05.511						T__		242.9	18.80	a_e Ms	5.0
GUNZ	134.87		PKPdf	21:27:58.168		37.5		1.25		TAS				m_e	
KAST	135.64		PKPdf	21:27:58.262		37.5		1.25		TAS				m_e	
MANZ	135.26		PKPdf	21:27:58.089		37.5		1.25		TAS				m_e	
TNS	136.45		PKPdf	21:28:01.147		37.5		1.25		TAS				m_e	
TNS	136.45		L	22:30:04.078						T__		211.9	21.50	a_e Ms	4.8
UBR	137.89		PKPdf	21:28:02.786		37.5		1.25		TAS				m_e	
WET	135.59		PKPdf	21:27:58.147		37.5		1.25		TAS				m_e	
WET	135.59		L	22:26:41.998						T__		211.2	22.00	a_e Ms	4.8

Event 50216009 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/16	11:52:50.88			37.6490	30.4240				10.0					16.38	21.37	m i ke	BGR
50216015																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50216015
Ms	3.8		BGR	50216015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	19.30		P	11:57:15.215		123.1		11.91		TAS		54.1	1.52	m_e mb	4.6
BFO	19.30		L	12:05:36.843						T__		371.7	21.70	a_e Ms	3.7
BSEG	21.37		L	12:04:52.781						T__		290.8	21.00	a_e Ms	3.6
CLL	18.40		L	12:05:31.162						T__		428.4	18.50	a_e Ms	3.8
FUR	17.48		L	12:04:26.563						T__		955.7	19.80	a_e Ms	4.0
GEC2	16.50		P	11:56:44.505		123.1		11.91		TAS		126.7	2.32	m_e mb	4.6
GEC2	16.50		L	12:03:52.233						T__		683.0	19.50	a_e Ms	3.9
GRA1	18.32		P	11:57:05.047		123.1		11.91		TAS		48.0	1.63	m_e mb	4.4
GRA1	18.32		L	12:05:08.396						T__		711.8	19.40	a_e Ms	4.0
RJOB	16.38		L	12:02:22.203						T__		2188.6	18.50	a_e Ms	4.4
TNS	20.12		P	11:57:24.925		123.1		11.91		TAS		130.8	1.87	m_e mb	4.8
TNS	20.12		L	12:04:39.071						T__		294.2	20.20	a_e Ms	3.6
UBR	17.94		L	12:03:38.720						T__		308.4	21.50	a_e Ms	3.5

WET	17.12	P	11:56:49.698	123.1	11.91	TAS	54.2	1.51	m_e	mb	4.5
WET	17.12	L	12:04:20.716			T__	689.8	18.90	a_e	Ms	3.9

Event 50216001 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/16	23:06:31.71		40.2380	143.3590					33.0			32		77.53	83.24	m i ke	BGR
50216007																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.5		BGR	50216007
MBB	6.9		BGR	50216007
Ms	7.3		BGR	50216007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	81.81		P	23:18:45.639	0.1	35.0		5.34		TAS		259.4	1.17	a_e	mb	6.2
ASSE	79.24		P	23:18:31.889	0.1	35.0		5.34		TAS		349.4	1.27	a_e	mb	6.2
BFO	83.24		P	23:18:52.989		35.0		5.34		TAS		974.6	2.02	a_e	MBB	7.0
BFO	83.24		L	23:59:16.605						T__		60550.7	19.60	a_e	Ms	7.0
BRG	79.06		P	23:18:30.789	-0.0	35.0		5.34		TAS		2193.1	2.89	m_e	MBB	6.8
BSEG	77.88		P	23:18:24.639	-0.6	35.0		5.34		TAS		405.0	1.03	a_e	mb	6.5
BSEG	77.88		L	23:55:38.718						T__		167738.0	19.90	a_e	Ms	7.4
BUG	80.99		P	23:18:40.989	0.4	35.0		5.34		TAS		337.0	1.22	a_e	mb	6.2
CLL	79.06		P	23:18:30.489	0.3	35.0		5.34		TAS		310.6	0.97	a_e	MBB	6.8
CLL	79.06		L	23:56:52.962						T__		127173.0	18.50	a_e	Ms	7.3
CLZ	79.58		P	23:18:34.089	-0.0	35.0		5.34		TAS		435.3	1.16	a_e	mb	6.3
FBE	79.24		P	23:18:32.039	0.0	35.0		5.34		TAS		373.4	1.17	a_e	mb	6.3
FLT1	78.88		P	23:18:29.389	0.1	35.0		5.34		TAS		394.6	1.05	a_e	mb	6.4
FUR	82.27		P	23:18:48.189	-0.3	35.0		5.34		TAS		557.4	0.96	a_e	mb	6.7
FUR	82.27		L	23:59:00.608						T__		167053.0	18.90	a_e	Ms	7.4
GEC2	80.78		P	23:18:40.039	0.5	35.0		5.34		TAS		1490.7	2.81	a_e	MBB	6.7
GEC2	80.78		L	23:57:34.459						T__		125704.0	19.80	a_e	Ms	7.3
GRA1	81.04		P	23:18:42.039	0.0	35.0		5.34		TAS		917.6	1.23	a_e	MBB	6.9
GRA1	81.04		L	23:57:54.253						T__		81830.8	19.30	a_e	Ms	7.1
GTTG	79.97		P	23:18:35.939	0.0	35.0		5.34		TAS		328.1	1.09	a_e	mb	6.2
GUNZ	80.08		P	23:18:36.539	-0.1	35.0		5.34		TAS		280.5	1.35	a_e	mb	6.0
IBBN	80.09		P	23:18:36.439	-0.1	35.0		5.34		TAS		423.6	1.07	a_e	mb	6.3
KAST	80.80		P	23:18:40.289	-0.0	35.0		5.34		TAS		2337.4	3.16	a_e	MBB	6.7
MANZ	80.47		P	23:18:38.589	0.1	35.0		5.34		TAS		1789.0	2.76	a_e	mb	6.5
NEUB	79.61		P	23:18:33.689	0.1	35.0		5.34		TAS		429.4	1.11	a_e	mb	6.3
PLN	80.04		P	23:18:36.239	0.1	35.0		5.34		TAS		1424.0	2.72	a_e	mb	6.4
RJOB	82.03		P	23:18:47.189	-0.3	35.0		5.34		TAS		1254.2	1.04	a_e	MBB	7.5
ROTZ	80.61		P	23:18:39.589	-0.2	35.0		5.34		TAS		2623.6	3.01	a_e	mb	6.7
RUE	77.84		P	23:18:24.239	0.0	35.0		5.34		TAS		531.0	1.24	a_e	mb	6.5
SKMB	77.53		P	23:18:23.239	-0.2	35.0		5.34		TAS		6067.6	2.72	a_e	MBB	7.2
STU	82.55		P	23:18:49.439		35.0		5.34		TAS		395.5	0.94	a_e	mb	6.6

TANN	79.99	P	23:18:35.989	0.1	35.0	5.34	TAS	1648.1	2.89	a_e	mb	6.5
TNS	81.61	P	23:18:44.539	-0.2	35.0	5.34	TAS	244.2	1.26	a_e	MBB	6.8
TNS	81.61	L	23:58:29.947				T__	144125.0	19.10	a_e	Ms	7.4
UBBA	80.56	P	23:18:38.839	0.3	35.0	5.34	TAS	893.4	2.51	a_e	mb	6.4
UBR	83.12	P	23:18:52.339		35.0	5.34	TAS	1913.2	3.21	a_e	MBB	6.9
UBR	83.12	L	23:59:27.939				T__	143126.0	18.80	a_e	Ms	7.4
WERN	80.12	P	23:18:36.789	0.3	35.0	5.34	TAS	219.6	1.09	a_e	mb	6.0
WET	80.86	P	23:18:40.939	0.0	35.0	5.34	TAS	292.3	1.16	a_e	MBB	6.8
WET	80.86	L	23:58:07.504				T__	172987.0	18.70	a_e	Ms	7.4
WLF	82.87	P	23:18:51.439		35.0	5.34	TAS	1202.3	2.30	a_e	mb	6.7

Event 50217009 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/17	02:29:52.02			39.6400	144.3520				33.0					81.93	81.93	m i ke	BGR
OrigID 50217015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50217015
Ms	4.8		BGR	50217015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.93		P	02:42:07.064		37.3		4.52		TAS		18.2	0.98	m_e	mb 5.2
GRA1	81.93		L	03:17:19.255						T__		427.9	19.60	a_e	Ms 4.8

Event 50217010 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
2015/02/17	04:46:38.78			40.3210	142.8540				33.0				33	77.29	82.98	m i ke	BGR
OrigID 50217016																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	50217016
MBB	6.3		BGR	50217016
Ms	5.2		BGR	50217016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	81.57		P	04:58:51.372	0.0	35.3		5.36		TAS		132.1	1.02	m_e	mb 6.0
ASSE	78.99		P	04:58:37.405	-0.1	35.3		5.36		TAS		88.5	1.06	m_e	mb 5.7
BFO	82.98		P	04:58:58.649		35.3		5.36		TAS		129.2	0.83	m_e	MBB 6.3
BFO	82.98		L	05:35:26.992						T__		808.2	21.70	a_e	Ms 5.1
BRG	78.79		P	04:58:36.309	0.1	35.3		5.36		TAS		96.0	0.90	m_e	mb 5.8
BSEG	77.63		P	04:58:30.313	0.1	35.3		5.36		TAS		196.2	1.04	a_e	mb 6.2

BSEG	77.63	L	05:34:54.692							T__	1738.2	21.40	a_e	Ms	5.3
BUG	80.74	P	04:58:46.758	0.4	35.3	5.36				TAS	153.3	1.12	m_e	mb	5.9
CLL	78.80	P	04:58:36.113	-0.2	35.3	5.36				TAS	208.7	0.99	m_e	MBB	6.2
CLL	78.80	L	05:34:04.448							T__	1055.9	21.40	a_e	Ms	5.1
CLZ	79.33	P	04:58:39.713	0.2	35.3	5.36				TAS	244.7	1.24	m_e	mb	6.1
FBE	78.98	P	04:58:37.613	-0.3	35.3	5.36				TAS	159.8	0.78	a_e	MBB	6.2
FLT1	78.62	P	04:58:35.063	-0.5	35.3	5.36				TAS	188.1	0.74	a_e	mb	6.2
FUR	82.01	P	04:58:53.913	-0.5	35.3	5.36				TAS	364.8	0.90	a_e	MBB	6.6
FUR	82.01	L	05:38:05.938							T__	801.8	19.30	a_e	Ms	5.1
GEC2	80.51	P	04:58:45.613	0.5	35.3	5.36				TAS	110.0	1.11	a_e	MBB	5.9
GEC2	80.51	L	05:36:49.886							T__	1400.3	20.70	a_e	Ms	5.3
GRA1	80.78	P	04:58:47.713	0.0	35.3	5.36				TAS	329.9	0.92	a_e	MBB	6.5
GRA1	80.78	L	05:36:27.664							T__	630.1	20.10	a_e	Ms	5.0
GTTG	79.72	P	04:58:41.663	0.2	35.3	5.36				TAS	170.7	1.09	a_e	mb	5.9
GUNZ	79.82	P	04:58:42.163	0.1	35.3	5.36				TAS	90.7	0.78	a_e	mb	5.8
HLG	78.24	P	04:58:33.543	-0.2	35.3	5.36				TAS	274.3	0.86	m_e	mb	6.4
IBBN	79.85	P	04:58:42.163	0.3	35.3	5.36				TAS	168.5	0.74	a_e	mb	6.1
KAST	80.55	P	04:58:45.907	0.1	35.3	5.36				TAS	85.2	1.01	m_e	mb	5.7
MANZ	80.21	P	04:58:44.213	-0.1	35.3	5.36				TAS	131.5	1.18	a_e	mb	5.7
NEUB	79.35	P	04:58:39.263	0.0	35.3	5.36				TAS	196.4	0.86	a_e	mb	6.2
PLN	79.78	P	04:58:41.863	0.0	35.3	5.36				TAS	67.2	0.90	a_e	mb	5.6
RJOB	81.76	P	04:58:52.813	0.0	35.3	5.36				TAS	793.1	0.91	a_e	mb	6.8
ROTZ	80.35	P	04:58:45.182	0.0	35.3	5.36				TAS	122.5	0.99	m_e	mb	5.8
RUE	77.58	P	04:58:29.742	0.1	35.3	5.36				TAS	268.6	1.29	m_e	mb	6.2
SKMB	77.29	P	04:58:28.748	-0.3	35.3	5.36				TAS	346.9	1.24	m_e	mb	6.3
STU	82.29	P	04:58:55.315	-0.3	35.3	5.36				TAS	293.2	0.86	m_e	mb	6.4
TANN	79.72	P	04:58:41.418	0.1	35.3	5.36				TAS	65.5	1.06	m_e	mb	5.5
TNS	81.36	P	04:58:50.313	0.1	35.3	5.36				TAS	80.7	0.80	a_e	mb	5.8
TNS	81.36	L	05:38:05.916							T__	807.4	20.80	a_e	Ms	5.1
UBBA	80.31	P	04:58:44.402	0.3	35.3	5.36				TAS	98.2	1.41	m_e	mb	5.5
UBR	82.85	P	04:58:57.768		35.3	5.36				TAS	40.9	0.88	m_e	mb	5.7
WERN	79.86	P	04:58:42.463	-0.2	35.3	5.36				TAS	107.0	0.74	a_e	mb	5.9
WET	80.59	P	04:58:46.514	-0.2	35.3	5.36				TAS	172.3	1.01	m_e	MBB	6.2
WET	80.59	L	05:37:22.325							T__	1272.7	20.70	a_e	Ms	5.3
WLF	82.63	P	04:58:57.039		35.3	5.36				TAS	52.3	0.93	m_e	mb	5.7

Event 50217011 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/17	16:33:32.15			40.8000	143.9880				33.0			25		77.59	82.97	m i ke	BGR
50217017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50217017
Ms	5.5		BGR	50217017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	81.52		P	16:45:44.494		34.3		5.36		TAS		35.9	1.21	m_e	mb 5.4
BFO	82.97		P	16:45:51.825		34.3		5.36		TAS		70.8	1.70	m_e	mb 5.6
BFO	82.97		L	17:27:06.157						T__		1694.6	20.40	a_e	Ms 5.4
BRG	78.81		P	16:45:29.923	0.0	34.3		5.36		TAS		37.1	1.29	m_e	mb 5.3
BSEG	77.59		P	16:45:23.725		34.3		5.36		TAS		53.6	1.04	m_e	mb 5.6
BSEG	77.59		L	17:23:30.117						T__		3199.7	18.90	a_e	Ms 5.7
CLL	78.81		P	16:45:29.572	0.1	34.3		5.36		TAS		40.9	0.95	m_e	mb 5.4
CLL	78.81		L	17:24:05.044						T__		2067.5	20.80	a_e	Ms 5.4
CLZ	79.31		P	16:45:33.124	0.1	34.3		5.36		TAS		46.4	1.18	m_e	mb 5.4
FBE	78.99		P	16:45:31.456	0.1	34.3		5.36		TAS		35.7	1.05	m_e	mb 5.3
FLT1	78.60		P	16:45:28.601	0.2	34.3		5.36		TAS		43.7	1.03	m_e	mb 5.4
FUR	82.03		P	16:45:47.533		34.3		5.36		TAS		61.3	1.33	m_e	mb 5.6
FUR	82.03		L	17:26:15.821						T__		2855.4	18.70	a_e	Ms 5.7
GEC2	80.54		P	16:45:39.183	-0.4	34.3		5.36		TAS		20.4	1.25	m_e	mb 5.0
GEC2	80.54		L	17:25:18.926						T__		2342.2	18.00	a_e	Ms 5.6
GRA1	80.78		P	16:45:41.082		34.3		5.36		TAS		72.3	1.12	m_e	mb 5.6
GRA1	80.78		L	17:26:49.167						T__		2134.7	18.20	a_e	Ms 5.5
GTTG	79.69		P	16:45:35.056	0.2	34.3		5.36		TAS		52.8	1.37	m_e	mb 5.3
GUNZ	79.82		P	16:45:35.572	0.3	34.3		5.36		TAS		35.1	1.27	m_e	mb 5.1
IBBN	79.80		P	16:45:35.445	0.3	34.3		5.36		TAS		48.0	1.12	m_e	mb 5.3
KAST	80.51		P	16:45:39.439	-0.6	34.3		5.36		TAS		20.8	1.17	m_e	mb 5.0
MANZ	80.21		P	16:45:37.752	0.3	34.3		5.36		TAS		22.1	1.03	m_e	mb 5.0
NEUB	79.35		P	16:45:32.807	-0.1	34.3		5.36		TAS		43.3	1.03	m_e	mb 5.4
PLN	79.78		P	16:45:35.452	0.2	34.3		5.36		TAS		30.7	1.36	m_e	mb 5.1
RJOB	81.79		P	16:45:46.415		34.3		5.36		TAS		146.3	1.17	m_e	mb 6.0
ROTZ	80.36		P	16:45:38.648	0.4	34.3		5.36		TAS		48.3	1.41	m_e	mb 5.2
STU	82.29		P	16:45:49.219		34.3		5.36		TAS		42.3	0.99	m_e	mb 5.5
TANN	79.73		P	16:45:35.099	-0.2	34.3		5.36		TAS		57.6	1.92	m_e	mb 5.2
TNS	81.33		L	17:25:36.306						T__		1455.8	18.30	a_e	Ms 5.4
UBBA	80.29		P	16:45:37.923	0.1	34.3		5.36		TAS		71.1	2.00	m_e	mb 5.3
UBR	82.87		P	16:45:51.480		34.3		5.36		TAS		127.3	2.07	m_e	mb 5.8
WERN	79.87		P	16:45:35.676	-0.1	34.3		5.36		TAS		28.7	1.00	m_e	mb 5.2
WET	80.61		P	16:45:40.155		34.3		5.36		TAS		39.3	1.30	m_e	mb 5.3
WET	80.61		L	17:25:04.138						T__		2618.0	20.20	a_e	Ms 5.6

Event 50217008 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/17	19:42:51.15	0.66	0.99	43.8390	11.6340	11.1	10.0	18	10.0				25 286	3.37	7.53	m i ke	BGR
50217014																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	50217014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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ARSA	4.37	Pn	19:43:57.107	1.1	T__	15.6	m_e		
BALST	4.46	Pn	19:43:57.592	0.4	T__	7.5	m_e		
BE1	4.08	Pn	19:43:52.335	0.2	T__	10.3	m_e		
BFO	5.05	Pn	19:44:04.222	-0.8	T__	20.9	m_e		
BRG	7.21	Pn	19:44:34.132	-0.1	T__	3.4	m_e		
CLL	7.53	Pn	19:44:38.136	-0.4	T__	7.0	m_e		
DAVA	3.66	Sn	19:44:28.067	1.7	T__	2.2	m_e		
DAVA	3.66	Pn	19:43:47.158	0.7	T__	37.7	m_e	ML	4.1
GEC2	5.21	Sn	19:45:02.575	0.1	T__	4.6	m_e		
GEC2	5.21	Pn	19:44:06.780	-0.5	T__	17.1	m_e	ML	4.1
GUNZ	6.54	Pn	19:44:24.282	-1.0	T__	10.1	m_e		
KBA	3.46	Pn	19:43:44.449	0.8	T__	17.6	m_e		
MANZ	6.16	Pn	19:44:18.966	-1.1	T__	8.6	m_e		
MOA	4.41	Pn	19:43:57.564	1.0	T__	22.8	m_e		
NORI	4.93	Sn	19:44:54.792	-1.3	T__	2.0	m_e	ML	4.0
OBER	3.69	Pn	19:43:47.346	0.5	T__	11.9	m_e		
OBKA	3.37	Pn	19:43:43.790	1.2	T__	37.5	m_e	ML	4.5
PLONS	3.58	Sn	19:44:25.358	0.9	T__	3.1	m_e		
PLONS	3.58	Pn	19:43:45.903	0.6	T__	36.5	m_e	ML	3.7
RJOB	3.98	Pn	19:43:51.449	0.7	T__	24.9	m_e		
ROTZ	5.94	Sn	19:45:17.903	-1.8	T__	2.5	m_e		
ROTZ	5.94	Pn	19:44:16.102	-1.1	T__	8.0	m_e		
SLE	4.50	Pn	19:43:56.640	-1.1	T__	18.1	m_e		
TANN	6.60	Pn	19:44:25.206	-0.8	T__	10.6	m_e		
UBR	3.99	Pn	19:43:50.747	-0.1	T__	41.5	m_e		
WERN	6.47	Pn	19:44:23.343	-0.9	T__	11.9	m_e		
WET	5.38	Sn	19:45:05.400	-1.0	T__	1.5	m_e		
WET	5.38	Pn	19:44:08.683	-0.8	T__	8.3	m_e	ML	3.9
WILA	4.06	Pn	19:43:51.392	-0.3	T__	12.7	m_e		
WTTA	3.43	Sn	19:44:23.357	2.5	T__	1.9	m_e		
WTTA	3.43	Pn	19:43:43.765	0.5	T__	45.5	m_e	ML	4.3

Event 50218011 Ascension Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/18	02:20:35.30			-7.3510	-13.5070				10.0					58.64	62.73	m i ke	BGR
50218017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50218017
Ms	4.6		BGR	50218017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	60.35		P	02:30:50.077		207.0		7.09		TAS		54.7	1.53	m_e	mb 5.4
BFO	58.68		P	02:30:36.310		207.0		7.09		TAS		34.8	1.39	m_e	mb 5.2
BFO	58.68		L	02:51:26.780						T__		340.9	22.00	a_e	Ms 4.4

CLL	62.73	L	02:59:07.184							T__	517.9	19.80	a_e	Ms	4.7
FUR	59.44	L	02:56:57.344							T__	577.5	19.80	a_e	Ms	4.7
GEC2	60.83	P	02:30:51.546	207.0	7.09					TAS	42.7	1.56	m_e	mb	5.0
GEC2	60.83	L	02:57:41.646							T__	523.8	18.10	a_e	Ms	4.7
GRA1	60.76	P	02:30:48.877	207.0	7.09					TAS	317.6	3.25	m_e	mb	5.6
GRA1	60.76	L	02:57:10.987							T__	372.5	19.60	a_e	Ms	4.5
GTTG	62.04	P	02:31:00.993	207.0	7.09					TAS	53.5	1.73	m_e	mb	5.5
GUNZ	61.70	P	02:30:57.968	207.0	7.09					TAS	33.8	1.23	m_e	mb	5.4
MANZ	61.30	P	02:30:54.628	207.0	7.09					TAS	40.9	1.46	m_e	mb	5.0
PLN	61.75	P	02:30:57.968	207.0	7.09					TAS	34.6	1.56	m_e	mb	5.3
ROTZ	61.14	P	02:30:53.764	207.0	7.09					TAS	34.2	1.46	m_e	mb	5.0
TANN	61.78	P	02:30:57.853	207.0	7.09					TAS	32.1	1.30	m_e	mb	5.4
TNS	60.43	L	02:51:03.631							T__	372.4	22.00	a_e	Ms	4.5
UBBA	61.40	P	02:30:56.644	207.0	7.09					TAS	37.4	1.46	m_e	mb	5.0
UBR	58.64	P	02:30:36.281	207.0	7.09					TAS	80.1	1.43	m_e	mb	5.5
UBR	58.64	L	02:57:02.138							T__	484.7	20.70	a_e	Ms	4.6
WERN	61.64	P	02:30:57.882	207.0	7.09					TAS	34.9	1.38	m_e	mb	5.4
WET	60.81	P	02:30:51.287	207.0	7.09					TAS	38.2	1.44	m_e	mb	5.0
WET	60.81	L	02:57:32.296							T__	579.1	18.10	a_e	Ms	4.8

Event 50218012 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/18	04:43:40.20			-8.8800	159.3400				134.0					131.41	131.42	m i ke	NEIC
OrigID 50218051																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	50218018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	131.42		L	05:50:50.751						T__		208.5	19.20	a_e	Ms	4.9
GRA4	131.41		PP	05:04:55.530						T__				m_e		
GRB4	131.42		SKPab	05:05:48.798						T__				m_e		

Event 50218013 Santa Cruz Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/18	09:32:26.10			-10.7300	164.1500				10.0					132.12	137.40	m i ke	NEIC
OrigID 50218067																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.1		BGR	50218019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	137.40		L	10:59:10.945						T__		3171.5	20.50	a_e	Ms 6.0
BSEG	132.12		L	10:54:00.515						T__		3779.4	20.90	a_e	Ms 6.1
CLL	133.18		L	10:51:04.360						T__		3901.0	21.40	a_e	Ms 6.1
FUR	136.30		L	10:50:14.711						T__		3353.7	21.50	a_e	Ms 6.0
GEC2	134.72		L	10:50:59.626						T__		4403.4	21.50	a_e	Ms 6.1
GRA1	135.15		PKPdf	09:51:48.538		39.4		1.29		TAS					m_e
GRA1	135.15		L	10:55:05.344						T__		3257.5	20.70	a_e	Ms 6.0
TNS	135.82		L	10:55:59.795						T__		3209.9	21.20	a_e	Ms 6.0
WET	134.86		L	10:52:03.644						T__		3258.5	20.90	a_e	Ms 6.0

Event 50219006 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/19	13:18:32.10			-16.4000	168.1900				2.0			22		140.15	142.71	m i ke	EMSC
OrigID 50219038																	

Magnitude	Err	Nsta	Author	OrigID
Ms 6.1			BGR	50219012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	142.71		PKPdf	13:38:06.807		34.3		1.75		TAS					m_e
ASSE	140.15		PKPdf	13:38:02.365	0.1	34.3		1.75		TAS					m_e
BEAM			PKPdf	13:38:03.881		34.3		1.75		TAS					m_e
BFO			PKPdf	13:38:09.490		34.3		1.75		TAS					m_e
BRG			PKPdf	13:38:02.101	-0.0	34.3		1.75		TAS					m_e
BSEG			PKPdf	13:38:00.103	-0.4	34.3		1.75		TAS					m_e
BUG			PKPdf	13:38:05.133		34.3		1.75		TAS					m_e
CLL			PKPdf	13:38:01.680	0.2	34.3		1.75		TAS					m_e
FBE			PKPdf	13:38:02.575	0.2	34.3		1.75		TAS					m_e
FLT1			PKPdf	13:38:01.260	-0.1	34.3		1.75		TAS					m_e
GEC2			PKPdf	13:38:05.069		34.3		1.75		TAS					m_e
GRA1			L	14:43:42.626						T__		3845.1	22.00	a_e	Ms 6.1
GUNZ			PKPdf	13:38:03.996	-0.2	34.3		1.75		TAS					m_e
IBBN			PKPdf	13:38:03.756	0.0	34.3		1.75		TAS					m_e
KAST			PKPdf	13:38:04.890		34.3		1.75		TAS					m_e
MANZ			PKPdf	13:38:04.610	-0.2	34.3		1.75		TAS					m_e
PLN			PKPdf	13:38:03.733	-0.1	34.3		1.75		TAS					m_e
RUE			PKPdf	13:37:59.949	0.1	34.3		1.75		TAS					m_e
TANN			PKPdf	13:38:03.575	0.0	34.3		1.75		TAS					m_e
UBBA			PKPdf	13:38:04.744		34.3		1.75		TAS					m_e
UBR			PKPdf	13:38:08.959		34.3		1.75		TAS					m_e
WERN			PKPdf	13:38:04.114	0.1	34.3		1.75		TAS					m_e
WET			PKPdf	13:38:05.027		34.3		1.75		TAS					m_e
WLF			PKPdf	13:38:08.700		34.3		1.75		TAS					m_e

Event 50219007 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/02/19	14:08:46.50			-15.9700	-179.0400				10.0								m i ke	EMSC
OrigID																		
50219039																		

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1			PKP	14:28:24.825						T__				m_e	
GRA1			pPKPbc	14:28:33.972		23.2		2.83		TAS				m_e	

Event 50219008 Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/02/19	16:32:48.55			53.2020	157.1920				33.0				32				m i ke	BGR
OrigID																		
50219014																		

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	50219014
MBB	6.1		BGR	50219014
Ms	4.6		BGR	50219014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW			P	16:44:16.426	0.0	20.5		5.91		TAS		189.9	1.07	m_e	MBB 6.2
ASSE			P	16:44:03.154	-0.0	20.5		5.91		TAS		211.2	1.30	m_e	MBB 6.3
BFO			P	16:44:26.815		20.5		5.91		TAS		151.7	1.35	m_e	mb 6.0
BRG			P	16:44:05.354	0.7	20.5		5.91		TAS		90.7	1.22	m_e	MBB 5.9
BSEG			P	16:43:53.592	-0.1	20.5		5.91		TAS		213.1	1.16	m_e	MBB 6.4
BUG			P	16:44:10.986	0.4	20.5		5.91		TAS		229.5	1.01	m_e	MBB 6.4
CLL			P	16:44:04.190	-0.3	20.5		5.91		TAS		201.0	1.07	m_e	MBB 6.3
FBE			P	16:44:06.245	0.1	20.5		5.91		TAS		162.3	1.20	m_e	MBB 6.1
FLT1			P	16:44:00.767	-0.3	20.5		5.91		TAS		158.7	1.03	m_e	MBB 6.2
FUR			P	16:44:24.293		20.5		5.91		TAS		189.7	1.14	m_e	MBB 6.1
GEC2			P	16:44:17.223	0.4	20.5		5.91		TAS		91.8	1.27	m_e	MBB 5.7
GRA1			P	16:44:16.410	0.1	20.5		5.91		TAS		221.5	1.08	m_e	mb 6.1
GRA1			L	17:17:56.710						T__		360.1	21.00	a_e	Ms 4.6
GTTG			P	16:44:07.982	0.2	20.5		5.91		TAS		169.6	1.33	m_e	mb 6.0
GUNZ			P	16:44:10.903	-0.1	20.5		5.91		TAS		94.3	1.13	m_e	MBB 6.0
IBBN			P	16:44:05.749	0.0	20.5		5.91		TAS		344.8	1.20	m_e	MBB 6.4
KAST			P	16:44:11.255	0.2	20.5		5.91		TAS		184.3	1.19	m_e	MBB 6.1
MANZ			P	16:44:13.083	0.1	20.5		5.91		TAS		70.9	1.11	m_e	MBB 5.8
NEUB			P	16:44:06.621	0.1	20.5		5.91		TAS		147.9	1.22	m_e	MBB 6.1

PLN	P	16:44:10.402	-0.1	20.5	5.91	TAS	90.9	1.07	m_e	MBB	6.0
RGN	P	16:43:46.294	-0.2	20.5	5.91	TAS	354.9	1.18	m_e	mb	6.5
RJOB	P	16:44:24.898		20.5	5.91	TAS	275.8	0.94	m_e	mb	6.3
ROTZ	P	16:44:14.418	0.5	20.5	5.91	TAS	100.1	1.09	m_e	MBB	6.0
RUE	P	16:43:57.038	-0.0	20.5	5.91	TAS	223.6	1.02	m_e	MBB	6.3
SKMB	P	16:43:50.584	0.4	20.5	5.91	TAS	408.3	1.18	m_e	mb	6.5
STU	P	16:44:23.450	-0.3	20.5	5.91	TAS	147.4	1.21	m_e	mb	5.9
TANN	P	16:44:10.321	0.2	20.5	5.91	TAS	89.6	1.35	m_e	MBB	5.9
TNS	P	16:44:16.617	-0.3	20.5	5.91	TAS	145.9	1.16	m_e	MBB	6.1
UBBA	P	16:44:11.162	0.1	20.5	5.91	TAS	156.2	1.55	m_e	MBB	6.0
UBR	P	16:44:28.369		20.5	5.91	TAS	145.1	1.12	m_e	mb	6.0
WERN	P	16:44:11.356	-0.1	20.5	5.91	TAS	103.8	0.94	m_e	MBB	6.0
WET	P	16:44:17.181	-0.1	20.5	5.91	TAS	139.7	1.05	m_e	MBB	6.0
WLF	P	16:44:22.351	-0.5	20.5	5.91	TAS	1064.3	3.01	m_e	mb	6.3

Event 50220001 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/20	04:25:30.32			40.9500	144.1300				26.8	0.5		31		77.50	82.89	m i ke	BGR
50220007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50220007
MBB	6.4		BGR	50220007
Ms	6.6		BGR	50220007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	81.44		P	04:37:45.664	0.3	34.3		5.33		TAS				m_e	
AHRW	81.44		sP	04:37:56.396	-0.1					T__				m_e	
ASSE	78.88		P	04:37:31.877	-0.0	34.3		5.33		TAS				m_e	
BFO	82.89		P	04:37:52.839		34.3		5.33		TAS		11.9	0.82	m_e	MBB 6.6
BRG	78.73		P	04:37:30.958	-0.1	34.3		5.33		TAS		14.2	0.85	m_e	MBB 6.5
BSEG	77.50		P	04:37:24.318	0.1	34.3		5.33		TAS				m_e	
BUG	80.61		P	04:37:41.152	0.5	34.3		5.33		TAS		15.8	0.94	m_e	mb 5.0
BUG	80.61		sP	04:37:51.820	-0.1					T__				m_e	
CLL	78.73		P	04:37:30.791	-0.3	34.3		5.33		TAS				m_e	
FBE	78.91		P	04:37:32.044	-0.6	34.3		5.33		TAS		21.5	0.81	m_e	MBB 6.3
FLT1	78.52		P	04:37:29.537	-0.4	34.3		5.33		TAS		30.0	0.82	m_e	MBB 6.4
FUR	81.95		P	04:37:48.254	-0.0	34.3		5.33		TAS				m_e	
GEC2	80.47		P	04:37:39.982	0.2	34.3		5.33		TAS				m_e	
GEC2	80.47		sP	04:37:51.048	-0.1					T__				m_e	
GRA1	80.70		P	04:37:41.653	-0.1	34.3		5.33		TAS				m_e	
GRA1	80.70		L	05:18:44.177						T__		26286.8	18.80	a_e	Ms 6.6
GTTG	79.61		P	04:37:35.502	-0.3	34.3		5.33		TAS				m_e	
GUNZ	79.74		P	04:37:36.890	-0.1	34.3		5.33		TAS				m_e	
IBBN	79.71		P	04:37:36.138	0.3	34.3		5.33		TAS				m_e	

Station	Magnitude	Phase	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
KAST	80.42	P	04:37:40.316	0.0	34.3			5.33		TAS						m_e			
MANZ	80.14	P	04:37:38.729	0.4	34.3			5.33		TAS	13.8	0.86	m_e	MBB			6.3		
NEUB	79.26	P	04:37:33.381	0.5	34.3			5.33		TAS	26.4	0.89	m_e	MBB			6.5		
NRDL	78.77	P	04:37:31.017		34.3			5.33		TAS			m_e						
RJOB	81.72	P	04:37:47.251	0.0	34.3			5.33		TAS	76.8	0.78	m_e	MBB			7.2		
ROTZ	80.28	P	04:37:39.481	-0.3	34.3			5.33		TAS			m_e						
RUE	77.50	P	04:37:24.380	0.0	34.3			5.33		TAS			m_e						
STU	82.21	P	04:37:49.591	-0.3	34.3			5.33		TAS	28.7	0.78	m_e	MBB			6.5		
TANN	79.65	P	04:37:35.720	-0.1	34.3			5.33		TAS	6.2	0.87	m_e	MBB			6.4		
TNS	81.24	P	04:37:44.410	0.2	34.3			5.33		TAS	11.6	0.82	m_e	MBB			6.3		
TNS	81.24	sP	04:37:55.418	-0.1						T__			m_e						
UBBA	80.20	P	04:37:39.397	0.1	34.3			5.33		TAS			m_e						
UBR	82.79	P	04:37:52.515	-0.5	34.3			5.33		TAS			m_e						
WERD	79.68	P	04:37:36.055	0.4	34.3			5.33		TAS	10.0	0.82	m_e	MBB			6.0		
WERN	79.79	P	04:37:37.057	0.1	34.3			5.33		TAS	15.5	0.84	m_e	MBB			6.0		
WET	80.54	P	04:37:40.734	0.1	34.3			5.33		TAS	17.7	0.90	m_e	MBB			6.5		
WLF	82.50	P	04:37:51.210	-0.5	34.3			5.33		TAS	5.8	0.88	m_e	MBB			6.6		

Event 50220002 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/20	09:08:27.70			-20.9400	-10.9800				10.0			23		70.88	76.79	m i ke	BGR
50220008																	

Magnitude Err Nsta Author OrigID
mb 5.1 BGR 50220008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	75.18	P		09:20:11.056		200.9		5.76		TAS		8.4	0.78	m_e mb	4.8
BFO	71.09	P		09:19:46.828	0.2	200.9		5.76		TAS		16.2	0.92	m_e mb	5.1
BRG	74.80	P		09:20:08.968	-0.6	200.9		5.76		TAS		9.8	0.88	m_e mb	4.8
BSEG	76.79	P		09:20:19.852		200.9		5.76		TAS		23.4	0.88	m_e mb	5.3
FBE	74.69	P		09:20:08.654	1.0	200.9		5.76		TAS		11.5	0.86	m_e mb	4.9
FLT1	75.49	P		09:20:12.430		200.9		5.76		TAS		20.0	1.00	m_e mb	5.1
FUR	71.62	P		09:19:50.213	-0.5	200.9		5.76		TAS		32.0	0.99	m_e mb	5.4
GEC2	72.88	P		09:19:57.846	-0.1	200.9		5.76		TAS		8.4	0.81	m_e mb	4.9
GRA1	73.03	P		09:19:59.018	-0.3	200.9		5.76		TAS		32.6	0.99	m_e mb	5.4
GTTG	74.48	P		09:20:07.520	-0.8	200.9		5.76		TAS		39.0	1.03	m_e mb	5.4
GUNZ	73.92	P		09:20:03.901	0.7	200.9		5.76		TAS		15.0	0.83	m_e mb	5.1
KAST	73.83	P		09:20:03.054	0.5	200.9		5.76		TAS		6.6	0.91	m_e mb	4.7
MANZ	73.52	P		09:20:01.492	0.1	200.9		5.76		TAS		12.2	0.88	m_e mb	4.9
NEUB	74.56	P		09:20:08.328	-0.9	200.9		5.76		TAS		24.4	0.82	m_e mb	5.3
RJOB	71.62	P		09:19:49.633	-0.5	200.9		5.76		TAS		78.6	0.80	m_e mb	5.9
ROTZ	73.34	P		09:20:00.255	0.5	200.9		5.76		TAS		19.0	0.87	m_e mb	5.2
STU	71.70	P		09:19:50.012	0.1	200.9		5.76		TAS		21.2	0.80	m_e mb	5.3
TANN	74.00	P		09:20:04.792		200.9		5.76		TAS		11.6	0.98	m_e mb	4.9

TNS	72.90	P	09:19:58.692	0.0	200.9	5.76	TAS	9.4	0.87	m_e	mb	4.9
UBR	70.88	P	09:19:45.933	-0.4	200.9	5.76	TAS	29.9	0.92	m_e	mb	5.4
WERD	73.99	P	09:20:04.747	0.4	200.9	5.76	TAS	12.7	0.98	m_e	mb	4.9
WERN	73.86	P	09:20:03.705	0.4	200.9	5.76	TAS	12.6	0.88	m_e	mb	5.0
WET	72.94	P	09:19:57.450	0.1	200.9	5.76	TAS	19.8	0.87	m_e	mb	5.3

Event 50220003 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/20	15:40:15.64			-19.4270	171.8040				33.0					146.04	146.04	m i ke	BGR
50220009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	146.04		PKPbc	15:59:52.522		27.8		3.80		TAS					m_e

Event 50220004 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/20	19:28:28.70			42.0870	142.8020				33.0				30	76.02	81.41	m i ke	BGR
50220010																	

Magnitude Err Nsta Author OrigID

mb	5.1		BGR	50220010
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	79.97		P	19:40:31.536	0.3	34.6		5.46		TAS		17.5	0.91	m_e	mb	5.0
ASSE	77.41		P	19:40:17.376	-0.1	34.6		5.46		TAS		13.5	0.87	m_e	mb	5.1
BFO	81.41		P	19:40:38.574	-0.7	34.6		5.46		TAS		13.2	0.91	m_e	mb	5.0
BRG	77.25		P	19:40:16.457	-0.1	34.6		5.46		TAS		9.2	0.93	m_e	mb	4.9
BSEG	76.04		P	19:40:09.610	0.1	34.6		5.46		TAS		28.4	0.89	m_e	mb	5.4
BUG	79.15		P	19:40:26.911	-0.2	34.6		5.46		TAS		26.0	0.86	m_e	mb	5.3
CLL	77.25		P	19:40:16.099	-0.5	34.6		5.46		TAS		27.8	0.86	m_e	mb	5.4
FLT1	77.05		P	19:40:14.669	-0.8	34.6		5.46		TAS		33.9	0.79	m_e	mb	5.5
FUR	80.47		P	19:40:34.130	0.0	34.6		5.46		TAS		33.9	0.83	m_e	mb	5.3
GEC2	78.98		P	19:40:25.907	-0.0	34.6		5.46		TAS		5.7	0.75	m_e	mb	4.7
GRA1	79.23		P	19:40:27.745	0.4	34.6		5.46		TAS		36.6	0.83	m_e	mb	5.4
GTTG	78.14		P	19:40:21.478	0.8	34.6		5.46		TAS		21.9	0.79	m_e	mb	5.3
GUNZ	78.26		P	19:40:21.820	-0.3	34.6		5.46		TAS		9.1	0.80	m_e	mb	5.0
IBBN	78.25		P	19:40:22.076	0.1	34.6		5.46		TAS		24.2	0.77	m_e	mb	5.4
KAST	78.96		P	19:40:25.702	-0.2	34.6		5.46		TAS		13.8	0.86	m_e	mb	5.0
MANZ	78.66		P	19:40:24.425	0.2	34.6		5.46		TAS		12.2	0.80	m_e	mb	5.0

NEUB	77.79	P	19:40:19.777	0.3	34.6	5.46	TAS	30.0	0.81	m_e	mb	5.5
NRDL	77.30	P	19:40:16.763	-0.1	34.6	5.46	TAS	12.2	0.85	m_e	mb	5.1
RJOB	80.23	P	19:40:33.007	0.2	34.6	5.46	TAS	74.5	0.83	m_e	mb	5.7
ROTZ	78.80	P	19:40:25.345	0.3	34.6	5.46	TAS	14.4	0.95	m_e	mb	5.0
RUE	76.02	P	19:40:09.738	-0.0	34.6	5.46	TAS	29.7	0.96	m_e	mb	5.4
STU	80.73	P	19:40:35.356	-0.2	34.6	5.46	TAS	27.4	0.83	m_e	mb	5.3
TANN	78.17	P	19:40:21.718	0.1	34.6	5.46	TAS	5.0	0.97	m_e	mb	4.6
TNS	79.78	P	19:40:30.401	0.1	34.6	5.46	TAS	10.6	0.93	m_e	mb	4.8
UBBA	78.73	P	19:40:24.578	-0.1	34.6	5.46	TAS			m_e		
UBR	81.31	P	19:40:38.421	-0.3	34.6	5.46	TAS			m_e		
WERD	78.20	P	19:40:21.667	-0.1	34.6	5.46	TAS	7.8	0.91	m_e	mb	4.8
WERN	78.31	P	19:40:22.322	0.3	34.6	5.46	TAS	12.9	0.87	m_e	mb	5.1
WET	79.05	P	19:40:26.417	0.0	34.6	5.46	TAS	19.4	0.94	m_e	mb	5.1
WLF	81.03	P	19:40:37.450	0.3	34.6	5.46	TAS	8.8	0.79	m_e	mb	4.8

Event 50220005 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/20	21:05:59.72			40.0090	143.5250				33.0					81.30	81.30	m i ke	BGR
OrigID 50220011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50220011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	81.30		P	21:18:11.498		32.8		4.23		TAS		7.0	0.96	m_e	mb	4.7

Event 50221001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/21	00:57:44.84			-21.5890	-178.2240				600.0				18	147.06	153.12	m i ke	BGR
OrigID 50221007																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	152.81		PKPbc	01:16:29.404	-0.3	18.3		2.36		TAS				m_e	
BRG	149.25		PKPbc	01:16:21.147	0.0	18.3		2.36		TAS				m_e	
BSEG	147.06		PKPbc	01:16:15.565	-0.6	18.3		2.36		TAS				m_e	
BUG	149.90		PKPbc	01:16:22.742	-0.3	18.3		2.36		TAS				m_e	
CLL	149.07		PKPbc	01:16:20.621	0.2	18.3		2.36		TAS				m_e	
GEC2	151.18		PKPbc	01:16:25.802	-0.1	18.3		2.36		TAS				m_e	
GUNZ	150.10		PKPbc	01:16:23.230	0.2	18.3		2.36		TAS				m_e	

KAST	149.99	PKPbc	01:16:23.013	-0.1	18.3	2.36	TAS	m_e
MANZ	150.51	PKPbc	01:16:24.294	0.3	18.3	2.36	TAS	m_e
RJOB	152.44	PKPbc	01:16:28.235	-0.6	18.3	2.36	TAS	m_e
ROTZ	150.69	PKPbc	01:16:24.640	0.0	18.3	2.36	TAS	m_e
STU	152.24	PKPbc	01:16:28.275	0.2	18.3	2.36	TAS	m_e
TANN	150.03	PKPbc	01:16:23.130	0.1	18.3	2.36	TAS	m_e
TNS	150.94	PKPbc	01:16:25.309	0.3	18.3	2.36	TAS	m_e
UBR	153.12	PKPbc	01:16:29.984	-0.3	18.3	2.36	TAS	m_e
WERD	150.03	PKPbc	01:16:23.091	0.1	18.3	2.36	TAS	m_e
WERN	150.16	PKPbc	01:16:23.495	0.5	18.3	2.36	TAS	m_e
WLF	151.77	PKPbc	01:16:27.675	0.4	18.3	2.36	TAS	m_e

Event 50221002 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
2015/02/21	10:14:04.88			40.5170	142.2620				29.1	1.6		29		77.26	82.59	m i ke	BGR
50221008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50221008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	81.19		P	10:26:15.896	0.1	35.6		5.39		TAS		8.1	0.80	m_e mb	4.8
ASSE	78.60		P	10:26:01.853	1.3	35.6		5.39		TAS		8.7	0.77	m_e mb	4.9
ASSE	78.60		pP	10:26:09.975	-0.2					T__				m_e	
BFO	82.59		P	10:26:23.135	-0.2	35.6		5.39		TAS		13.5	0.78	m_e mb	5.2
BRG	78.39		P	10:26:00.270	-0.5	35.6		5.39		TAS				m_e	
BRG	78.39		pP	10:26:08.774	-0.2					T__				m_e	
BSEG	77.26		P	10:25:54.291	-0.2	35.6		5.39		TAS		27.4	0.88	m_e mb	5.4
BUG	80.37		P	10:26:10.864	-0.4	35.6		5.39		TAS		27.6	1.08	m_e mb	5.1
CLL	78.41		P	10:26:00.094	-0.8	35.6		5.39		TAS		25.0	0.82	m_e mb	5.4
CLL	78.41		pP	10:26:08.941	-0.2					T__				m_e	
FLT1	78.24		P	10:25:59.211	-0.7	35.6		5.39		TAS		26.6	0.97	m_e mb	5.3
FLT1	78.24		pP	10:26:07.657	-0.2					T__				m_e	
FUR	81.61		P	10:26:18.457	0.4	35.6		5.39		TAS		35.1	0.79	m_e mb	5.5
GEC2	80.10		P	10:26:09.985	-0.4	35.6		5.39		TAS		7.7	0.85	m_e mb	4.7
GRA1	80.39		P	10:26:11.659	0.7	35.6		5.39		TAS		34.4	0.89	m_e mb	5.3
GTTG	79.33		P	10:26:05.985	0.7	35.6		5.39		TAS		22.9	0.85	m_e mb	5.2
GUNZ	79.42		P	10:26:06.009	-0.3	35.6		5.39		TAS		6.1	0.88	m_e mb	4.6
IBBN	79.48		P	10:26:06.362	-0.1	35.6		5.39		TAS		22.5	0.85	m_e mb	5.2
KAST	80.17		P	10:26:10.070	-0.2	35.6		5.39		TAS		11.4	0.83	m_e mb	4.8
MANZ	79.81		P	10:26:08.304	-0.1	35.6		5.39		TAS		7.8	0.75	m_e mb	4.7
NEUB	78.96		P	10:26:03.728	0.3	35.6		5.39		TAS		39.7	1.11	m_e mb	5.4
NRDL	78.51		P	10:26:01.153	0.4	35.6		5.39		TAS		8.6	0.77	m_e mb	4.8
NRDL	78.51		pP	10:26:09.186	-0.2					T__				m_e	
RJOB	81.35		P	10:26:17.044	0.3	35.6		5.39		TAS		76.4	0.79	m_e mb	5.8

ROTZ	79.95	P	10:26:09.068	0.3	35.6	5.39	TAS										m_e	
STU	81.90	P	10:26:19.604	-0.1	35.6	5.39	TAS					29.7	0.76	m_e	mb			5.5
TANN	79.33	P	10:26:05.656	-0.2	35.6	5.39	TAS					5.6	0.81	m_e	mb			4.6
TNS	80.97	P	10:26:14.484	-0.1	35.6	5.39	TAS					7.0	0.81	m_e	mb			4.7
UBBA	79.92	P	10:26:08.787	0.3	35.6	5.39	TAS					5.4	0.76	m_e	mb			4.6
UBR	82.46	P	10:26:22.429	-0.2	35.6	5.39	TAS										m_e	
WERD	79.36	P	10:26:05.744	-0.2	35.6	5.39	TAS					6.8	0.89	m_e	mb			4.7
WERN	79.47	P	10:26:06.538	-0.0	35.6	5.39	TAS					14.5	0.89	m_e	mb			5.0
WET	80.19	P	10:26:10.688	0.2	35.6	5.39	TAS					14.1	0.97	m_e	mb			4.9
WLF	82.25	P	10:26:21.367	-0.4	35.6	5.39	TAS										m_e	

Event 50221003 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/21	11:34:28.75			-13.9900	-11.9200				10.0				17	64.47	70.27	m i ke	BGR
50221009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50221009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	66.38		P	11:45:16.726	1.1	204.5		6.37		TAS					m_e	
BFO	64.61		P	11:45:05.925	0.3	204.5		6.37		TAS		6.7	0.78	m_e	mb	4.9
BRG	68.43		P	11:45:29.866	-0.6	204.5		6.37		TAS		6.3	1.04	m_e	mb	4.8
BSEG	70.27		P	11:45:41.168	-1.0	204.5		6.37		TAS		11.5	0.89	m_e	mb	5.0
GEC2	66.55		P	11:45:18.100	-0.4	204.5		6.37		TAS		7.4	1.12	m_e	mb	4.8
GUNZ	67.52		P	11:45:24.681	0.6	204.5		6.37		TAS					m_e	
IBBN	68.18		P	11:45:28.460	0.1	204.5		6.37		TAS		9.8	0.75	m_e	mb	5.1
KAST	67.30		P	11:45:23.078	0.1	204.5		6.37		TAS		3.6	0.97	m_e	mb	4.6
MANZ	67.12		P	11:45:22.687	-0.4	204.5		6.37		TAS		10.3	1.06	m_e	mb	5.0
NEUB	68.12		P	11:45:28.204	-0.3	204.5		6.37		TAS		13.7	0.72	m_e	mb	5.3
NRDL	68.89		P	11:45:33.615	1.1	204.5		6.37		TAS		14.9	1.02	m_e	mb	5.2
RJOB	65.29		P	11:45:09.964		204.5		6.37		TAS		16.5	0.77	m_e	mb	5.3
ROTZ	66.95		P	11:45:21.025	0.3	204.5		6.37		TAS		11.9	1.10	m_e	mb	5.0
TANN	67.60		P	11:45:25.346	0.3	204.5		6.37		TAS		7.6	0.96	m_e	mb	4.9
UBBA	67.32		P	11:45:23.325	1.1	204.5		6.37		TAS					m_e	
UBR	64.47		P	11:45:05.535		204.5		6.37		TAS		18.1	0.86	m_e	mb	5.3
WERD	67.59		P	11:45:25.036	-0.0	204.5		6.37		TAS		7.8	1.00	m_e	mb	4.9
WERN	67.46		P	11:45:24.614	-0.0	204.5		6.37		TAS		14.2	1.13	m_e	mb	5.1
WET	66.58		P	11:45:18.299	-0.7	204.5		6.37		TAS		7.7	0.97	m_e	mb	4.9

Event 50221004 Eastern Caroline Islands, Micronesia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2015/02/21 19:42:01.09 0.0000 150.5000 33.0 27 117.01 121.87 m i ke BGR
 50221010

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	118.10		PKPdf	20:00:49.149	0.0	48.1		2.00		TAS					m_e
BFO	121.81		PKPdf	20:00:56.772	-0.3	48.1		2.00		TAS					m_e
BRG	117.39		PKPdf	20:00:47.771	-0.5	48.1		2.00		TAS					m_e
BSEG	117.01		PKPdf	20:00:47.327	0.4	48.1		2.00		TAS					m_e
BUG	120.09		PKPdf	20:00:53.385	-0.3	48.1		2.00		TAS					m_e
CLL	117.57		PKPdf	20:00:47.924	-0.3	48.1		2.00		TAS					m_e
FLT1	117.71		PKPdf	20:00:48.333	-0.2	48.1		2.00		TAS					m_e
FUR	120.47		PKPdf	20:00:54.100		48.1		2.00		TAS					m_e
GEC2	118.79		PKPdf	20:00:50.867	0.0	48.1		2.00		TAS					m_e
GRA1	119.48		PKPdf	20:00:52.277	-0.3	48.1		2.00		TAS					m_e
GTTG	118.82		PKPdf	20:00:50.602	0.2	48.1		2.00		TAS					m_e
GUNZ	118.50		PKPdf	20:00:49.896	-0.2	48.1		2.00		TAS					m_e
IBBN	119.26		PKPdf	20:00:51.719	0.8	48.1		2.00		TAS					m_e
KAST	119.76		PKPdf	20:00:52.615	0.0	48.1		2.00		TAS					m_e
MANZ	118.86		PKPdf	20:00:50.751	0.1	48.1		2.00		TAS					m_e
NEUB	118.22		PKPdf	20:00:49.459	-0.3	48.1		2.00		TAS					m_e
NRDL	118.10		PKPdf	20:00:49.283	0.2	48.1		2.00		TAS					m_e
RJOB	119.95		PKPdf	20:00:53.132	0.0	48.1		2.00		TAS					m_e
ROTZ	118.95		PKPdf	20:00:51.086	0.6	48.1		2.00		TAS					m_e
STU	121.09		PKPdf	20:00:55.088		48.1		2.00		TAS					m_e
TANN	118.41		PKPdf	20:00:49.763	0.0	48.1		2.00		TAS					m_e
TNS	120.43		PKPdf	20:00:53.913	-0.3	48.1		2.00		TAS					m_e
UBR	121.37		PKPdf	20:00:55.932	-0.3	48.1		2.00		TAS					m_e
WERD	118.46		PKPdf	20:00:49.784	-0.1	48.1		2.00		TAS					m_e
WERN	118.53		PKPdf	20:00:50.044	-0.1	48.1		2.00		TAS					m_e
WET	119.02		PKPdf	20:00:51.209	0.4	48.1		2.00		TAS					m_e
WLF	121.87		PKPdf	20:00:56.974	-0.3	48.1		2.00		TAS					m_e

Event 50221006 Colombia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/02/21 22:26:52.25 5.6990 -75.3660 128.7 3.0 26 80.19 85.21 m i ke BGR
 50221012

Magnitude Err Nsta Author
mb 5.2 BGR

OrigID
50221012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	80.82		P	22:38:54.970	0.1	271.1		5.11		TAS					m_e

ASSE	83.11	P	22:39:06.443	0.1	271.1	5.11	TAS	12.1	1.01	m_e	mb	5.1
BFO	81.58	P	22:38:58.413	0.1	271.1	5.11	TAS	6.6	0.94	m_e	mb	4.7
BRG	85.19	P	22:39:17.117		271.1	5.11	TAS	16.5	0.89	m_e	mb	5.3
BSEG	82.89	P	22:39:05.321		271.1	5.11	TAS	19.7	0.93	m_e	mb	5.3
BUG	80.98	P	22:38:55.423	-0.2	271.1	5.11	TAS	17.8	1.03	m_e	mb	5.0
BUG	80.98	pP	22:39:28.446	0.2			T__			m_e		
CLL	84.57	P	22:39:14.377		271.1	5.11	TAS	19.8	0.92	m_e	mb	5.3
FLT1	83.45	P	22:39:08.138	-0.0	271.1	5.11	TAS	13.8	0.87	m_e	mb	5.2
FUR	83.55	P	22:39:08.848	0.4	271.1	5.11	TAS			m_e		
GEC2	85.14	P	22:39:16.936		271.1	5.11	TAS	287.9	2.26	m_e	mb	6.1
GEC2	85.14	pP	22:39:49.570	0.2			T__			m_e		
GRA1	83.48	P	22:39:08.293	-0.1	271.1	5.11	TAS			m_e		
GTTG	82.67	P	22:39:04.130	0.6	271.1	5.11	TAS	17.5	1.01	m_e	mb	5.2
GUNZ	84.18	P	22:39:12.011	-0.1	271.1	5.11	TAS	10.1	1.08	m_e	mb	5.0
GUNZ	84.18	pP	22:39:44.645	0.2			T__			m_e		
HLG	81.46	P	22:38:57.984	-0.7	271.1	5.11	TAS			m_e		
HLG	81.46	pP	22:39:30.674	0.2			T__			m_e		
IBBN	81.31	P	22:38:57.212	0.2	271.1	5.11	TAS	17.1	0.88	m_e	mb	5.1
KAST	81.69	P	22:38:59.246	-0.2	271.1	5.11	TAS			m_e		
LNIZ	85.21	P	22:39:17.223		271.1	5.11	TAS	29.6	0.93	m_e	mb	5.5
MANZ	84.05	P	22:39:11.512	-0.4	271.1	5.11	TAS	10.1	0.89	m_e	mb	5.1
NEUB	83.80	P	22:39:10.235	0.0	271.1	5.11	TAS	37.7	1.33	m_e	mb	5.5
NRDL	82.76	P	22:39:04.773	-0.7	271.1	5.11	TAS			m_e		
RGN	84.64	P	22:39:14.482		271.1	5.11	TAS			m_e		
RJOB	84.59	P	22:39:14.392		271.1	5.11	TAS			m_e		
RJOB	84.59	pP	22:39:46.305	0.2			T__			m_e		
ROTZ	84.12	P	22:39:11.734	0.2	271.1	5.11	TAS	5.0	1.08	m_e	mb	4.7
ROTZ	84.12	pP	22:39:44.448	0.2			T__			m_e		
RUE	85.00	P	22:39:16.451		271.1	5.11	TAS	21.2	0.86	m_e	mb	5.4
SKMB	82.38	P	22:39:02.537	-0.7	271.1	5.11	TAS			m_e		
STU	82.16	P	22:39:01.553		271.1	5.11	TAS			m_e		
TANN	84.26	P	22:39:12.511		271.1	5.11	TAS	16.5	0.97	m_e	mb	5.2
TNS	81.69	P	22:38:59.412	-0.1	271.1	5.11	TAS	10.4	0.87	m_e	mb	5.0
UBBA	82.69	P	22:39:04.353	-0.7	271.1	5.11	TAS			m_e		
UBR	82.77	P	22:39:04.822	-0.0	271.1	5.11	TAS			m_e		
WERD	84.16	P	22:39:11.900	-0.2	271.1	5.11	TAS	5.8	0.89	m_e	mb	4.8
WERN	84.21	P	22:39:12.622		271.1	5.11	TAS	10.6	1.00	m_e	mb	5.0
WET	84.58	P	22:39:14.398		271.1	5.11	TAS	17.3	0.98	m_e	mb	5.2
WLF	80.19	P	22:38:51.643	0.0	271.1	5.11	TAS	30.1	0.91	m_e	mb	5.2

Event 50222001 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/22	02:53:45.76			40.1870	143.4940				33.0			27		77.93	83.33	m i ke	BGR
50222007																	

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 50222007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	81.91		P	03:06:03.513	0.3	34.1		5.42		TAS		17.4	1.15	m_e mb	5.1
ASSE	79.33		P	03:05:49.439	0.0	34.1		5.42		TAS		6.8	0.88	m_e mb	4.7
BFO	83.33		P	03:06:10.696		34.1		5.42		TAS		4.5	0.80	m_e mb	4.7
BRG	79.15		P	03:05:48.271	-0.4	34.1		5.42		TAS		1048.6	2.82	m_e mb	6.4
BSEG	77.97		P	03:05:41.532	0.5	34.1		5.42		TAS		18.6	0.90	m_e mb	5.2
BUG	81.08		P	03:05:58.771	0.5	34.1		5.42		TAS		14.2	1.04	m_e mb	4.9
CLL	79.16		P	03:05:48.388	-0.3	34.1		5.42		TAS		13.0	0.86	m_e mb	5.0
FLT1	78.97		P	03:05:47.045	-0.4	34.1		5.42		TAS		13.9	0.82	m_e mb	5.0
FUR	82.37		P	03:06:05.770	-0.1	34.1		5.42		TAS		19.5	0.84	m_e mb	5.3
GEC2	80.87		P	03:05:57.790	-0.3	34.1		5.42		TAS		3.5	0.87	m_e mb	4.4
GRA1	81.14		P	03:05:59.367	-0.1	34.1		5.42		TAS		18.1	0.90	m_e mb	5.1
GTTG	80.06		P	03:05:53.644	0.2	34.1		5.42		TAS		9.1	0.91	m_e mb	4.7
GUNZ	80.17		P	03:05:54.228	0.1	34.1		5.42		TAS		4.6	0.86	m_e mb	4.4
IBBN	80.19		P	03:05:53.878	0.0	34.1		5.42		TAS		13.8	0.86	m_e mb	4.9
KAST	80.89		P	03:05:57.752	0.4	34.1		5.42		TAS				m_e	
MANZ	80.56		P	03:05:56.272	-0.0	34.1		5.42		TAS		6.7	0.94	m_e mb	4.7
NEUB	79.70		P	03:05:51.600	0.0	34.1		5.42		TAS		16.9	0.90	m_e mb	5.0
NRDL	79.23		P	03:05:48.442	0.2	34.1		5.42		TAS		5.3	0.87	m_e mb	4.6
RJOB	82.12		P	03:06:04.806	0.2	34.1		5.42		TAS		36.6	0.78	m_e mb	5.6
ROTZ	80.70		P	03:05:56.571	0.2	34.1		5.42		TAS		6.3	0.92	m_e mb	4.6
RUE	77.93		P	03:05:41.614	-0.4	34.1		5.42		TAS		11.3	0.84	m_e mb	5.0
STU	82.65		P	03:06:07.367	-0.5	34.1		5.42		TAS		13.0	0.83	m_e mb	5.2
TANN	80.08		P	03:05:53.722	0.4	34.1		5.42		TAS				m_e	
TNS	81.70		P	03:06:02.112	0.2	34.1		5.42		TAS		4.8	0.84	m_e mb	4.7
UBBA	80.65		P	03:05:56.330	-0.3	34.1		5.42		TAS				m_e	
WERD	80.11		P	03:05:53.761	-0.1	34.1		5.42		TAS				m_e	
WERN	80.22		P	03:05:54.637	0.2	34.1		5.42		TAS		6.5	0.89	m_e mb	4.6
WET	80.95		P	03:05:58.608	-0.2	34.1		5.42		TAS		9.8	1.01	m_e mb	4.8

Event 50222002 Northern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/22	06:43:04.90			44.1520	85.2350				25.9	1.6		24		46.43	51.26	m i ke	BGR
				50222008													

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 50222008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	51.26		P	06:52:00.672		66.5		7.67		TAS		4.9	0.78	m_e mb	4.5
BRG	46.90		P	06:51:27.327	-0.6	66.5		7.67		TAS		4.9	0.77	m_e mb	4.7
BSEG	47.89		P	06:51:34.340	0.9	66.5		7.67		TAS		5.6	0.70	m_e mb	4.8

CLL	47.29	P	06:51:30.392	-0.5	66.5	7.67	TAS	16.6	0.63	m_e	mb	5.3
FLT1	47.95	P	06:51:34.989	-0.6	66.5	7.67	TAS	6.5	0.69	m_e	mb	4.9
FUR	49.55	P	06:51:48.303	0.9	66.5	7.67	TAS	12.3	0.76	m_e	mb	4.9
GEC2	47.80	P	06:51:34.744	0.0	66.5	7.67	TAS	2.2	0.75	m_e	mb	4.4
GRA1	48.96	P	06:51:44.184	0.4	66.5	7.67	TAS	11.1	0.72	m_e	mb	5.0
GTTG	48.97	P	06:51:43.938	0.3	66.5	7.67	TAS	16.7	0.83	m_e	mb	5.1
GTTG	48.97	pP	06:51:50.511	-0.6			T__			m_e		
GUNZ	48.04	P	06:51:36.277	-0.4	66.5	7.67	TAS	8.2	0.72	m_e	mb	5.0
GUNZ	48.04	pP	06:51:43.648	-0.6			T__			m_e		
IBBN	49.93	P	06:51:50.865	0.3	66.5	7.67	TAS	13.3	0.62	m_e	mb	5.0
MANZ	48.32	P	06:51:38.728	-0.1	66.5	7.67	TAS	4.1	0.79	m_e	mb	4.6
MANZ	48.32	pP	06:51:45.956	-0.6			T__			m_e		
NEUB	48.05	P	06:51:36.338	-0.4	66.5	7.67	TAS	14.0	0.65	m_e	mb	5.2
NEUB	48.05	pP	06:51:43.172	-0.6			T__			m_e		
NRDL	48.53	P	06:51:40.018	0.6	66.5	7.67	TAS	8.2	0.77	m_e	mb	4.8
NRDL	48.53	pP	06:51:47.006	-0.6			T__			m_e		
RJOB	48.80	P	06:51:42.533	0.8	66.5	7.67	TAS			m_e		
ROTZ	48.34	P	06:51:39.172	1.1	66.5	7.67	TAS	4.5	0.75	m_e	mb	4.7
RUE	46.43	P	06:51:23.484	-0.1	66.5	7.67	TAS	15.3	0.65	m_e	mb	5.2
STU	50.55	P	06:51:55.462	-0.7	66.5	7.67	TAS	6.3	0.68	m_e	mb	4.7
TANN	47.94	P	06:51:35.725	-0.2	66.5	7.67	TAS	5.5	0.83	m_e	mb	4.7
TNS	50.38	P	06:51:54.435	-0.4	66.5	7.67	TAS	4.8	0.68	m_e	mb	4.5
UBBA	49.23	P	06:51:46.040	-0.2	66.5	7.67	TAS			m_e		
WERD	48.02	P	06:51:36.460	-0.1	66.5	7.67	TAS	3.5	0.78	m_e	mb	4.6
WERN	48.04	P	06:51:36.277	-0.4	66.5	7.67	TAS	5.2	0.75	m_e	mb	4.7
WET	48.18	P	06:51:37.870	0.1	66.5	7.67	TAS	3.6	0.74	m_e	mb	4.6

Event 50222004 South Atlantic Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/22	11:48:24.46			-28.8990	-3.1920				10.0			19		77.16	83.32	m i ke	BGR
50222010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50222010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	77.57		P	12:00:22.651	0.1	192.8		5.43		TAS		7.4	0.92	m_e	mb	4.8
BRG	80.85		P	12:00:40.690	0.8	192.8		5.43		TAS		2.7	0.93	m_e	mb	4.3
BSEG	83.32		P	12:00:53.707	-0.8	192.8		5.43		TAS		13.2	0.97	m_e	mb	5.1
BUG	80.52		P	12:00:38.393	-0.6	192.8		5.43		TAS		5.7	0.84	m_e	mb	4.6
FUR	77.80		P	12:00:24.387	-0.5	192.8		5.43		TAS		16.2	0.89	m_e	mb	5.2
GRA1	79.28		P	12:00:32.242	0.0	192.8		5.43		TAS		17.4	0.94	m_e	mb	5.1
GTTG	80.93		P	12:00:41.128	0.3	192.8		5.43		TAS		9.0	0.95	m_e	mb	4.8
GUNZ	80.10		P	12:00:37.207	-0.5	192.8		5.43		TAS		3.2	0.87	m_e	mb	4.3
KAST	80.41		P	12:00:38.283		192.8		5.43		TAS				m_e		

MANZ	79.70	P	12:00:34.391	-0.1	192.8	5.43	TAS	6.2	1.00	m_e	mb	4.5
NRDL	81.88	P	12:00:46.050	0.5	192.8	5.43	TAS	8.2	0.95	m_e	mb	4.8
RJOB	77.63	P	12:00:23.247	0.2	192.8	5.43	TAS	20.3	0.93	m_e	mb	5.2
ROTZ	79.50	P	12:00:33.428	0.8	192.8	5.43	TAS	9.5	0.99	m_e	mb	4.7
STU	78.11	P	12:00:25.795	-0.7	192.8	5.43	TAS	13.8	0.87	m_e	mb	5.1
TANN	80.17	P	12:00:37.652	0.4	192.8	5.43	TAS	2.5	0.88	m_e	mb	4.2
UBR	77.16	P	12:00:20.979		192.8	5.43	TAS	13.9	0.77	m_e	mb	5.2
WERD	80.18	P	12:00:38.022	0.5	192.8	5.43	TAS			m_e		
WERN	80.04	P	12:00:36.364	-0.2	192.8	5.43	TAS	6.9	1.11	m_e	mb	4.5
WET	79.00	P	12:00:30.834	-0.1	192.8	5.43	TAS	6.4	0.99	m_e	mb	4.6
WLF	78.65	P	12:00:28.454	-0.1	192.8	5.43	TAS			m_e		

Event 50222005 Near coast of Ecuador

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/22	12:56:10.52			1.6470	-79.7410				248.0	1.6		18		88.54	91.07	m i ke	BGR
	50222011																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50222011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	88.97		P	13:08:48.920	-0.7	271.8		4.67		TAS		12.6	1.03	m_e	mb	5.1
BRG	91.07		P	13:08:58.964	-0.1	271.8		4.67		TAS		11.1	1.09	m_e	mb	5.1
BSEG	88.72		P	13:08:47.806	0.2	271.8		4.67		TAS		12.2	0.94	m_e	mb	5.1
CLL	90.45		P	13:08:55.990	-0.2	271.8		4.67		TAS		12.4	1.12	m_e	mb	5.0
FLT1	89.31		P	13:08:50.540	-0.7	271.8		4.67		TAS		8.7	0.88	m_e	mb	5.0
GEC2	91.04		P	13:08:58.867	-0.1	271.8		4.67		TAS		8.6	1.02	m_e	mb	5.0
GRA1	89.38		P	13:08:51.109	0.2	271.8		4.67		TAS		5.1	0.86	m_e	mb	4.8
GTTG	88.54		P	13:08:47.219	0.3	271.8		4.67		TAS		23.5	1.14	m_e	mb	5.3
GUNZ	90.07		P	13:08:54.250	-0.4	271.8		4.67		TAS		5.7	0.99	m_e	mb	4.8
MANZ	89.94		P	13:08:53.694	0.1	271.8		4.67		TAS		7.8	1.03	m_e	mb	4.9
NRDL	88.61		P	13:08:47.337	0.4	271.8		4.67		TAS		10.4	1.01	m_e	mb	5.0
RJOB	90.50		P	13:08:56.378	-0.1	271.8		4.67		TAS		55.0	0.93	m_e	mb	5.9
ROTZ	90.02		P	13:08:54.036	0.3	271.8		4.67		TAS		9.6	1.09	m_e	mb	4.9
TANN	90.15		P	13:08:54.955	0.2	271.8		4.67		TAS		16.9	1.08	m_e	mb	5.2
TANN	90.15		pP	13:09:54.636	0.1					T__				m_e		
UBR	88.69		P	13:08:47.585	-0.4	271.8		4.67		TAS		18.8	1.02	m_e	mb	5.3
WERD	90.05		P	13:08:54.287	0.2	271.8		4.67		TAS		5.9	1.11	m_e	mb	4.7
WERN	90.10		P	13:08:54.626	0.7	271.8		4.67		TAS		13.9	1.22	m_e	mb	5.1
WET	90.49		P	13:08:56.118	-0.0	271.8		4.67		TAS		16.3	1.04	m_e	mb	5.2
WET	90.49		pP	13:09:56.490	0.1					T__				m_e		

Event 50222006 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/22	13:02:20.49			-16.4690	-177.8040				580.7			33		141.42	148.20	m i ke	BGR
OrigID 50222012																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	145.79		PKPbc	13:20:54.753	0.1	15.6		2.88		TAS					m_e
ASSE	143.79		PKPbc	13:20:48.872	0.2	15.6		2.88		TAS					m_e
BFO	147.83		PKPbc	13:20:59.661	-0.7	15.6		2.88		TAS					m_e
BRG	144.41		PKPbc	13:20:50.860	0.4	15.6		2.88		TAS					m_e
BSEG	142.08		PKPbc	13:20:43.275	-0.6	15.6		2.88		TAS					m_e
BUG	144.88		PKPbc	13:20:51.995	-0.1	15.6		2.88		TAS					m_e
CLL	144.19		PKPbc	13:20:50.251	0.5	15.6		2.88		TAS					m_e
FLT1	143.51		PKPbc	13:20:47.670	-0.6	15.6		2.88		TAS					m_e
FUR	147.52		PKPbc	13:20:58.971	-0.4	15.6		2.88		TAS					m_e
GEC2	146.37		PKPbc	13:20:56.092	-0.1	15.6		2.88		TAS					m_e
GRA1	146.06		PKPbc	13:20:55.118	0.4	15.6		2.88		TAS					m_e
GTTG	144.46		PKPbc	13:20:50.864	0.6	15.6		2.88		TAS					m_e
GUNZ	145.22		PKPbc	13:20:52.950	0.6	15.6		2.88		TAS					m_e
HLG	142.10		PKPbc	13:20:44.046	-0.1	15.6		2.88		TAS					m_e
IBBN	143.97		PKPbc	13:20:49.829	0.1	15.6		2.88		TAS					m_e
KAST	144.99		PKPbc	13:20:52.563	0.3	15.6		2.88		TAS					m_e
MANZ	145.62		PKPbc	13:20:54.063	0.5	15.6		2.88		TAS					m_e
NEUB	144.52		PKPbc	13:20:50.927	0.6	15.6		2.88		TAS					m_e
NRDL	143.51		PKPbc	13:20:47.939	0.0	15.6		2.88		TAS					m_e
RJOB	147.62		PKPbc	13:20:59.093	-0.7	15.6		2.88		TAS					m_e
ROTZ	145.81		PKPbc	13:20:54.753	0.3	15.6		2.88		TAS					m_e
RUE	142.92		PKPbc	13:20:45.993	-0.2	15.6		2.88		TAS					m_e
SKMB	141.42		PKPbc	13:20:41.853	-0.2	15.6		2.88		TAS					m_e
STU	147.28		PKPbc	13:20:58.363	-0.4	15.6		2.88		TAS					m_e
TANN	145.14		PKPbc	13:20:52.887	0.3	15.6		2.88		TAS					m_e
TNS	145.96		PKPbc	13:20:54.981	0.3	15.6		2.88		TAS					m_e
UBBA	145.16		PKPbc	13:20:52.806	0.2	15.6		2.88		TAS					m_e
UBR	148.20		PKPbc	13:21:00.431	-0.9	15.6		2.88		TAS					m_e
WERD	145.14		PKPbc	13:20:52.609	0.4	15.6		2.88		TAS					m_e
WERN	145.28		PKPbc	13:20:53.098	0.6	15.6		2.88		TAS					m_e
WET	146.27		PKPbc	13:20:55.727	-0.1	15.6		2.88		TAS					m_e
WLF	146.74		PKPbc	13:20:57.633	0.1	15.6		2.88		TAS					m_e

Event 50222007 Off coast of Jalisco, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/22	14:23:18.68			18.7760	-106.8020				33.0			10		89.39	94.58	m i ke	BGR
OrigID																	

50222013

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	50222013
Ms	6.2		BGR	50222013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	89.91		P	14:36:18.592		305.9		4.68		TAS		39.0	1.17	m_e	mb	5.5
ASSE	91.01		P	14:36:23.262	0.2	305.9		4.68		TAS		208.3	2.05	m_e	mb	6.1
BFO	91.73		P	14:36:27.039		305.9		4.68		TAS				m_e		
BSEG	89.85		P	14:36:17.437		305.9		4.68		TAS				m_e		
BUG	89.56		P	14:36:16.644		305.9		4.68		TAS				m_e		
CLL	92.67		P	14:36:30.633		305.9		4.68		TAS				m_e		
FLT1	91.19		P	14:36:24.155	0.3	305.9		4.68		TAS		75.8	1.65	m_e	mb	5.8
FUR	93.49		P	14:36:35.627		305.9		4.68		TAS				m_e		
GEC2	94.45		P	14:36:39.931		305.9		4.68		TAS				m_e		
GRA1	92.63		P	14:36:31.038		305.9		4.68		TAS				m_e		
GRA1	92.63		L	15:16:01.928						T__		9736.9	21.90	a_e	Ms	6.2
GUNZ	92.85		P	14:36:32.440		305.9		4.68		TAS				m_e		
IBBN	89.39		P	14:36:15.510		305.9		4.68		TAS		79.0	1.63	m_e	mb	5.7
KAST	90.30		P	14:36:20.292		305.9		4.68		TAS				m_e		
NRDL	90.52		P	14:36:20.966		305.9		4.68		TAS				m_e		
PLN	92.69		P	14:36:31.372		305.9		4.68		TAS				m_e		
RJOB	94.58		P	14:36:40.789		305.9		4.68		TAS				m_e		
TANN	92.89		P	14:36:32.366		305.9		4.68		TAS				m_e		
TNS	90.83		P	14:36:22.880	0.5	305.9		4.68		TAS		256.0	1.97	m_e	mb	6.2
UBBA	91.36		P	14:36:25.022		305.9		4.68		TAS		128.2	1.99	m_e	mb	5.9
WERD	92.79		P	14:36:32.029		305.9		4.68		TAS				m_e		
WERN	92.92		P	14:36:32.391		305.9		4.68		TAS				m_e		
WLF	89.82		P	14:36:18.546	0.2	305.9		4.68		TAS		94.8	1.39	m_e	mb	5.8

Event 50222009 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/22	19:43:47.27		41.0160	142.9340					46.9	0.1		27		77.00	82.40	m i ke	BGR

50222015

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50222015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	80.97		P	19:55:55.129	0.3	34.9		5.40		TAS				m_e		
ASSE	78.40		P	19:55:41.108	0.1	34.9		5.40		TAS		10.4	0.89	m_e	mb	5.0
BFO	82.40		P	19:56:02.309	-0.5	34.9		5.40		TAS		6.7	0.79	m_e	mb	4.8
BRG	78.22		P	19:55:39.822	-0.2	34.9		5.40		TAS		8.6	0.90	m_e	mb	4.9
BSEG	77.04		P	19:55:33.190	0.3	34.9		5.40		TAS		20.2	0.89	m_e	mb	5.3

BUG	80.15	P	19:55:50.515	0.2	34.9	5.40	TAS	15.8	0.97	m_e	mb	4.9
CLL	78.23	P	19:55:39.689	-0.4	34.9	5.40	TAS	17.2	0.82	m_e	mb	5.2
FLT1	78.04	P	19:55:38.535	-0.5	34.9	5.40	TAS	19.8	0.88	m_e	mb	5.3
FUR	81.44	P	19:55:57.259	-0.2	34.9	5.40	TAS	26.5	0.80	m_e	mb	5.3
GEC2	79.94	P	19:55:49.095	-0.2	34.9	5.40	TAS	5.6	0.78	m_e	mb	4.6
GRA1	80.20	P	19:55:50.914	0.5	34.9	5.40	TAS	27.1	0.85	m_e	mb	5.2
GTTG	79.13	P	19:55:44.702	-0.2	34.9	5.40	TAS	13.4	0.86	m_e	mb	5.0
GUNZ	79.24	P	19:55:45.679	0.1	34.9	5.40	TAS	7.2	0.80	m_e	mb	4.8
IBBN	79.25	P	19:55:45.634	0.1	34.9	5.40	TAS	16.7	0.81	m_e	mb	5.1
KAST	79.96	P	19:55:49.184	-0.2	34.9	5.40	TAS	7.5	0.90	m_e	mb	4.6
MANZ	79.63	P	19:55:47.853	0.2	34.9	5.40	TAS	8.6	0.86	m_e	mb	4.7
NEUB	78.77	P	19:55:42.883	-0.1	34.9	5.40	TAS	15.9	0.85	m_e	mb	5.1
NRDL	78.30	P	19:55:40.354	-0.1	34.9	5.40	TAS	6.6	0.83	m_e	mb	4.8
NRDL	78.30	sP	19:55:59.323	-0.5			T__			m_e		
RJOB	81.20	P	19:55:56.239	0.2	34.9	5.40	TAS	52.7	0.85	m_e	mb	5.6
ROTZ	79.77	P	19:55:48.216	0.5	34.9	5.40	TAS	8.0	0.88	m_e	mb	4.7
RUE	77.00	P	19:55:33.016	0.0	34.9	5.40	TAS	38.8	1.15	m_e	mb	5.4
STU	81.72	P	19:55:58.768	-0.1	34.9	5.40	TAS	21.1	0.80	m_e	mb	5.3
TANN	79.15	P	19:55:45.190	0.1	34.9	5.40	TAS	4.4	0.93	m_e	mb	4.5
TNS	80.77	P	19:55:54.020	0.3	34.9	5.40	TAS			m_e		
UBBA	79.72	P	19:55:48.040	-0.5	34.9	5.40	TAS			m_e		
UBBA	79.72	sP	19:56:07.119	-0.5			T__			m_e		
WERN	79.29	P	19:55:46.078	0.3	34.9	5.40	TAS	10.7	0.95	m_e	mb	4.8
WET	80.02	P	19:55:49.682	0.1	34.9	5.40	TAS	12.2	0.97	m_e	mb	4.8
WET	80.02	sP	19:56:08.717	-0.5			T__			m_e		

Event 50223002 Spain

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/23	16:16:34.83			38.9750	-3.0760				33.0				7	12.46	17.53	m i ke	BGR
50223008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	13.61		P	16:19:41.886	-0.3	228.0		13.73		TAS					m_e
BFO	12.46		P	16:19:28.953	-2.9	228.0		13.73		TAS					m_e
BSEG	17.53		P	16:20:34.194		228.0		13.73		TAS					m_e
BUG	14.42		P	16:19:52.086	-0.6	228.0		13.73		TAS					m_e
CLL	16.71		P	16:20:27.064	-0.6	228.0		13.73		TAS					m_e
GEC2	15.57		P	16:20:10.030	-2.9	228.0		13.73		TAS					m_e
GRA1	14.79		P	16:20:01.306	-0.6	228.0		13.73		TAS					m_e
GUNZ	15.77		P	16:20:14.254	-0.6	228.0		13.73		TAS					m_e
MANZ	15.41		P	16:20:09.603	-0.6	228.0		13.73		TAS					m_e
RJOB	14.47		P	16:19:54.075	-2.9	228.0		13.73		TAS					m_e
STU	13.18		P	16:19:39.204	-0.6	228.0		13.73		TAS					m_e

TNS	13.90	P	16:19:47.615	0.5	228.0	13.73	TAS	m_e
UBBA	15.01	P	16:20:03.716	-0.6	228.0	13.73	TAS	m_e
UBR	12.94	P	16:19:34.719	3.5	228.0	13.73	TAS	m_e
WERD	15.81	P	16:20:14.701	-0.6	228.0	13.73	TAS	m_e
WET	15.29	P	16:20:06.585		228.0	13.73	TAS	m_e
WLF	12.55	P	16:19:27.578	-2.9	228.0	13.73	TAS	m_e

Event 50224001 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
2015/02/24	02:28:59.34			39.8110	142.8150				41.6	0.9		34		76.53	83.41	m i ke	BGR
OrigID 50224007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50224007
Ms	6.0		BGR	50224007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	82.01	P		02:41:14.515	0.1	35.3		5.43		TAS		37.4	1.04	m_e	mb	5.5
ASSE	79.43	P		02:41:01.118	0.6	35.3		5.43		TAS		21.7	0.97	m_e	mb	5.2
BFO	83.41	P		02:41:21.587	-0.6	35.3		5.43		TAS		15.0	0.94	m_e	mb	5.2
BRG	79.22	P		02:40:59.418	-0.1	35.3		5.43		TAS		17.4	0.90	m_e	mb	5.1
BSEG	78.08	P		02:40:53.298	0.2	35.3		5.43		TAS		40.6	0.91	m_e	mb	5.5
BUG	81.19	P		02:41:09.755	-0.2	35.3		5.43		TAS		19.3	0.91	m_e	mb	5.1
CLL	79.23	P		02:40:59.418	-0.1	35.3		5.43		TAS		31.6	0.82	m_e	mb	5.4
CLL	79.23	pP		02:41:11.545	-0.6					T__					m_e	
FBE	79.41	P		02:41:00.574	0.1	35.3		5.43		TAS		25.3	0.85	m_e	mb	5.3
FLT1	79.06	P		02:40:58.126	-0.4	35.3		5.43		TAS		44.7	1.03	m_e	mb	5.4
FUR	82.43	P		02:41:17.167	0.4	35.3		5.43		TAS		49.9	0.83	m_e	mb	5.7
GEC2	80.92	P		02:41:08.463	-0.3	35.3		5.43		TAS		10.9	0.83	m_e	mb	4.9
GRA1	81.21	P		02:41:10.639	0.4	35.3		5.43		TAS		51.3	0.85	m_e	mb	5.6
GRA1	81.21	L		03:22:40.057						T__		5583.2	18.10	a_e	Ms	6.0
GTTG	80.16	P		02:41:04.586	0.1	35.3		5.43		TAS		21.8	0.84	m_e	mb	5.1
GUNZ	80.24	P		02:41:04.926	-0.1	35.3		5.43		TAS		15.0	0.89	m_e	mb	4.9
IBBN	80.30	P		02:41:05.470	0.4	35.3		5.43		TAS		37.5	0.87	m_e	mb	5.3
KAST	80.99	P		02:41:09.075	0.1	35.3		5.43		TAS		12.5	0.89	m_e	mb	4.9
LNIZ	77.05	P		02:40:47.261	-0.9	35.3		5.43		TAS		27.0	0.84	m_e	mb	5.4
MANZ	80.63	P		02:41:07.306	0.1	35.3		5.43		TAS		21.5	0.90	m_e	mb	5.2
MOX	80.29	P		02:41:05.198	-0.1	35.3		5.43		TAS		13.9	0.87	m_e	mb	4.9
MOX	80.29	pP		02:41:16.921	-0.6					T__					m_e	
NEUB	79.78	P		02:41:02.546	0.0	35.3		5.43		TAS		34.3	0.87	m_e	mb	5.3
NEUB	79.78	pP		02:41:14.664	-0.6					T__					m_e	
NRDL	79.33	P		02:40:59.962	0.0	35.3		5.43		TAS		11.3	0.93	m_e	mb	4.9
RGN	76.53	P		02:40:44.346	0.2	35.3		5.43		TAS		66.0	0.93	m_e	mb	5.8
RJOB	82.17	P		02:41:16.011	0.5	35.3		5.43		TAS		96.6	0.86	m_e	mb	5.9
ROTZ	80.77	P		02:41:08.037	0.3	35.3		5.43		TAS		14.7	0.89	m_e	mb	5.0

RUE	78.01	P	02:40:52.686	-0.2	35.3	5.43	TAS	50.6	1.05	m_e	mb	5.6
STU	82.73	P	02:41:18.575	-0.4	35.3	5.43	TAS	41.0	0.83	m_e	mb	5.7
TANN	80.15	P	02:41:04.586	0.0	35.3	5.43	TAS	6.5	0.89	m_e	mb	4.6
TNS	81.79	P	02:41:13.019	-0.3	35.3	5.43	TAS	24.2	1.06	m_e	mb	5.3
UBBA	80.74	P	02:41:07.578	-0.1	35.3	5.43	TAS	5.4	0.84	m_e	mb	4.6
UBR	83.28	P	02:41:21.111	-0.4	35.3	5.43	TAS			m_e		
WERD	80.19	P	02:41:04.858	0.1	35.3	5.43	TAS	6.3	0.87	m_e	mb	4.6
WERN	80.29	P	02:41:05.402	0.1	35.3	5.43	TAS	18.6	0.84	m_e	mb	5.0
WET	81.01	P	02:41:09.415	0.2	35.3	5.43	TAS	20.7	0.94	m_e	mb	5.1
WLF	83.07	P	02:41:20.443	0.1	35.3	5.43	TAS	7.7	0.80	m_e	mb	5.0

Event 50224002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/24	03:11:50.33			-22.1950	-178.5540				33.0			26		147.27	153.64	m i ke	BGR
50224008																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	153.35		PKPbc	03:31:50.039		19.2		2.43		TAS					m_e
BRG	149.75		PKPbc	03:31:41.913	0.3	19.2		2.43		TAS					m_e
BSEG	147.60		PKPbc	03:31:36.214	0.2	19.2		2.43		TAS					m_e
CLL	149.58		PKPbc	03:31:41.372	-0.0	19.2		2.43		TAS					m_e
FBE	149.85		PKPbc	03:31:42.029	0.5	19.2		2.43		TAS					m_e
FLT1	148.98		PKPbc	03:31:39.405	0.0	19.2		2.43		TAS					m_e
FUR	152.92		PKPbc	03:31:48.797	-0.0	19.2		2.43		TAS					m_e
GEC2	151.67		PKPbc	03:31:46.244	0.6	19.2		2.43		TAS					m_e
GRA1	151.49		PKPbc	03:31:45.742	-0.3	19.2		2.43		TAS					m_e
GTTG	149.96		PKPbc	03:31:41.975	-0.6	19.2		2.43		TAS					m_e
GUNZ	150.61		PKPbc	03:31:44.101	0.5	19.2		2.43		TAS					m_e
KAST	150.54		PKPbc	03:31:43.554	-0.2	19.2		2.43		TAS					m_e
LNIZ	147.27		PKPbc	03:31:34.458	-0.5	19.2		2.43		TAS					m_e
MANZ	151.02		PKPbc	03:31:44.694	0.1	19.2		2.43		TAS					m_e
MOX	150.51		PKPbc	03:31:43.538	-0.0	19.2		2.43		TAS					m_e
NRDL	149.03		PKPbc	03:31:39.816	0.3	19.2		2.43		TAS					m_e
RJOB	152.93		PKPbc	03:31:48.797	-1.1	19.2		2.43		TAS					m_e
ROTZ	151.20		PKPbc	03:31:45.104	0.0	19.2		2.43		TAS					m_e
RUE	148.31		PKPbc	03:31:38.038	0.4	19.2		2.43		TAS					m_e
STU	152.77		PKPbc	03:31:48.788	-0.5	19.2		2.43		TAS					m_e
TANN	150.54		PKPbc	03:31:43.691	0.2	19.2		2.43		TAS					m_e
TNS	151.49		PKPbc	03:31:45.943	-0.3	19.2		2.43		TAS					m_e
UBBA	150.66		PKPbc	03:31:43.782	0.2	19.2		2.43		TAS					m_e
UBR	153.64		PKPbc	03:31:50.711	-0.7	19.2		2.43		TAS					m_e
WERD	150.54		PKPbc	03:31:43.736	0.3	19.2		2.43		TAS					m_e
WERN	150.68		PKPbc	03:31:44.055	0.3	19.2		2.43		TAS					m_e

WET	151.62	PKPbc	03:31:46.179	19.2	2.43	TAS	m_e
WLF	152.34	PKPbc	03:31:48.062	19.2	2.43	TAS	m_e

Event 50225001 East of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/25	02:19:24.56			44.8550	150.9670				33.0					79.51	79.51	m i ke	BGR
OrigID 50225007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50225007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.51		P	02:31:26.524		25.9		4.63		TAS		12.0	0.77	m_e mb	4.9

Event 50225002 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/25	07:01:08.73			31.2100	141.6800				51.3				26	83.73	90.49	m i ke	BGR
OrigID 50225008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50225008
MBB	6.2		BGR	50225008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	89.25		P	07:13:58.648	0.4	40.8		4.62		TAS		5.0	0.80	m_e MBB	6.2
ASSE	86.59		P	07:13:46.193	0.2	40.8		4.62		TAS		15.9	1.11	m_e mb	5.1
BFO	90.49		P	07:14:03.454	-0.5	40.8		4.62		TAS		13.4	0.88	m_e mb	5.2
BRG	86.18		P	07:13:42.741	-1.3	40.8		4.62		TAS		6.3	0.88	m_e mb	4.8
BSEG	85.35		P	07:13:40.034	-0.2	40.8		4.62		TAS		25.2	0.92	m_e mb	5.4
BUG	88.46		P	07:13:54.654	0.1	40.8		4.62		TAS				m_e	
CLL	86.26		P	07:13:43.824	-0.6	40.8		4.62		TAS		21.6	1.03	m_e MBB	6.3
FBE	86.39		P	07:13:44.907	-0.1	40.8		4.62		TAS		21.7	1.05	m_e MBB	6.1
FLT1	86.21		P	07:13:43.350	-0.9	40.8		4.62		TAS		30.4	1.05	m_e MBB	6.2
FUR	89.36		P	07:14:00.137	1.4	40.8		4.62		TAS		30.2	0.96	m_e MBB	6.4
GEC2	87.78		P	07:13:51.067	-0.3	40.8		4.62		TAS		3.8	0.87	m_e mb	4.7
GRA1	88.22		P	07:13:54.181	0.7	40.8		4.62		TAS		9.9	0.92	m_e mb	5.1
GTTG	87.32		P	07:13:49.307	-0.0	40.8		4.62		TAS		13.5	0.91	m_e mb	5.1
GUNZ	87.25		P	07:13:49.239	0.3	40.8		4.62		TAS		6.7	0.94	m_e MBB	5.9
IBBN	87.59		P	07:13:49.916	-0.7	40.8		4.62		TAS		20.0	0.77	m_e mb	5.5
KAST	88.20		P	07:13:53.571	0.2	40.8		4.62		TAS		6.3	0.75	m_e mb	5.0
MOX	87.34		P	07:13:49.442	0.1	40.8		4.62		TAS				m_e	

NEUB	86.86	P	07:13:46.329	-0.8	40.8	4.62	TAS	17.0	0.77	m_e	MBB	6.2
NRDL	86.54	P	07:13:45.787	0.1	40.8	4.62	TAS	8.2	0.90	m_e	mb	4.9
RGN	83.73	P	07:13:34.348	1.6	40.8	4.62	TAS	41.1	0.80	m_e	mb	5.7
TANN	87.15	P	07:13:48.495	-0.0	40.8	4.62	TAS			m_e		
UBBA	87.87	P	07:13:51.405	-0.4	40.8	4.62	TAS			m_e		
UBR	90.24	P	07:14:02.642	-0.1	40.8	4.62	TAS	6.7	0.98	m_e	mb	4.8
WERD	87.19	P	07:13:49.036	0.3	40.8	4.62	TAS			m_e		
WERN	87.28	P	07:13:49.645	0.5	40.8	4.62	TAS			m_e		
WET	87.92	P	07:13:52.015	-0.0	40.8	4.62	TAS			m_e		

Event 50225004 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/25	10:32:10.68			39.9530	143.4180				33.0					81.31	81.31	m i ke	BGR
OrigID 50225010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50225010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.31		P	10:44:23.021		37.7		4.53		TAS		7.8	0.82	m_e	mb 4.8

Event 50225005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/25	19:07:54.36			-19.4000	-177.5300				47.0	0.6		25		145.00	151.11	m i ke	BGR
OrigID 50225011																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.75		PKPbc	19:27:48.029		16.7		2.75		TAS				m_e	
BRG	147.31		PKPbc	19:27:39.173	-0.9	16.7		2.75		TAS				m_e	
BSEG	145.00		PKPbc	19:27:31.959		16.7		2.75		TAS				m_e	
CLL	147.09		PKPbc	19:27:38.207	0.5	16.7		2.75		TAS				m_e	
CLZ	147.03		PKPbc	19:27:38.031		16.7		2.75		TAS				m_e	
FBE	147.39		PKPbc	19:27:39.374	0.0	16.7		2.75		TAS				m_e	
FLT1	146.43		PKPbc	19:27:36.281	-0.9	16.7		2.75		TAS				m_e	
GEC2	149.26		PKPbc	19:27:44.366	-0.2	16.7		2.75		TAS				m_e	
GRA1	148.97		PKPbc	19:27:43.681		16.7		2.75		TAS				m_e	
GRA1	148.97		pPKPbc	19:27:57.972						T__				m_e	
GTTG	147.38		PKPbc	19:27:39.052		16.7		2.75		TAS				m_e	
GUNZ	148.12		PKPbc	19:27:41.508	0.4	16.7		2.75		TAS				m_e	

IBBN	146.90	PKPbc	19:27:37.662	16.7	2.75	TAS	m_e
KAST	147.92	PKPbc	19:27:40.729	16.7	2.75	TAS	m_e
KAST	147.92	pPKPbc	19:27:54.697			T__	m_e
MANZ	148.53	PKPbc	19:27:42.577	16.7	2.75	TAS	m_e
MOX	147.99	PKPbc	19:27:41.105	-0.1 16.7	2.75	TAS	m_e
MOX	147.99	pPKPbc	19:27:55.224			T__	m_e
NEUB	147.43	PKPbc	19:27:39.415	-0.4 16.7	2.75	TAS	m_e
NRDL	146.44	PKPbc	19:27:36.434	16.7	2.75	TAS	m_e
RJOB	150.51	PKPbc	19:27:47.511	16.7	2.75	TAS	m_e
ROTZ	148.72	PKPbc	19:27:43.021	16.7	2.75	TAS	m_e
TANN	148.05	PKPbc	19:27:41.266	0.2 16.7	2.75	TAS	m_e
TNS	148.88	PKPbc	19:27:43.123	0.4 16.7	2.75	TAS	m_e
UBR	151.11	PKPbc	19:27:49.116	16.7	2.75	TAS	m_e
WERD	148.05	PKPbc	19:27:41.105	0.3 16.7	2.75	TAS	m_e
WERN	148.19	PKPbc	19:27:41.691	16.7	2.75	TAS	m_e
WLF	149.66	PKPbc	19:27:46.258	16.7	2.75	TAS	m_e

Event 50225006 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/25	19:36:54.44			-18.7560	-173.4660				33.0			24		144.77	151.00	m i ke	BGR
50225012																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.54		PKPbc	19:56:31.585	-0.2	8.6		2.69		TAS					m_e
BFO	150.46		PKPbc	19:56:42.372	-0.6	8.6		2.69		TAS					m_e
BRG	147.42		PKPbc	19:56:34.326	-0.0	8.6		2.69		TAS					m_e
BSEG	144.77		PKPbc	19:56:26.697	-0.7	8.6		2.69		TAS					m_e
CLL	147.12		PKPbc	19:56:33.438	-0.2	8.6		2.69		TAS					m_e
CLZ	146.85		PKPbc	19:56:32.594	0.4	8.6		2.69		TAS					m_e
FBE	147.45		PKPbc	19:56:34.373	0.2	8.6		2.69		TAS					m_e
FLT1	146.29		PKPbc	19:56:30.995	-0.6	8.6		2.69		TAS					m_e
FUR	150.41		PKPbc	19:56:41.863	-0.4	8.6		2.69		TAS					m_e
GEC2	149.43		PKPbc	19:56:39.655	-0.1	8.6		2.69		TAS					m_e
GRA1	148.91		PKPbc	19:56:38.391	-0.4	8.6		2.69		TAS					m_e
GTTG	147.17		PKPbc	19:56:33.441	0.2	8.6		2.69		TAS					m_e
GUNZ	148.13		PKPbc	19:56:36.278	0.2	8.6		2.69		TAS					m_e
IBBN	146.50		PKPbc	19:56:31.789	0.3	8.6		2.69		TAS					m_e
MANZ	148.52		PKPbc	19:56:37.254	0.2	8.6		2.69		TAS					m_e
MOX	147.93		PKPbc	19:56:35.590	0.3	8.6		2.69		TAS					m_e
NEUB	147.37		PKPbc	19:56:33.925	0.2	8.6		2.69		TAS					m_e
NRDL	146.22		PKPbc	19:56:30.546	-0.3	8.6		2.69		TAS					m_e
RJOB	150.65		PKPbc	19:56:42.455		8.6		2.69		TAS					m_e
ROTZ	148.73		PKPbc	19:56:37.811	0.3	8.6		2.69		TAS					m_e

TANN	148.06	PKPbc	19:56:35.984	0.2	8.6	2.69	TAS	m_e
TNS	148.57	PKPbc	19:56:37.362	0.1	8.6	2.69	TAS	m_e
UBR	151.00	PKPbc	19:56:43.492		8.6	2.69	TAS	m_e
WERN	148.20	PKPbc	19:56:36.344	0.6	8.6	2.69	TAS	m_e
WET	149.26	PKPbc	19:56:39.371	-0.4	8.6	2.69	TAS	m_e
WLF	149.16	PKPbc	19:56:39.783	0.6	8.6	2.69	TAS	m_e

Event 50226001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/26	06:26:56.53			-19.7160	-173.3340				33.0			28		145.73	152.44	m i ke	BGR
50226007																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.50		PKPbc	06:46:37.241	-0.4	3.9		2.62		TAS					m_e
BALST	152.44		PKPbc	06:46:50.488		3.9		2.62		TAS					m_e
BFO	151.42		PKPbc	06:46:47.493		3.9		2.62		TAS					m_e
BRG	148.38		PKPbc	06:46:40.750	0.3	3.9		2.62		TAS					m_e
BSEG	145.73		PKPbc	06:46:33.303	0.4	3.9		2.62		TAS					m_e
BUG	148.34		PKPbc	06:46:39.470	0.3	3.9		2.62		TAS					m_e
CLL	148.08		PKPbc	06:46:39.145	-0.1	3.9		2.62		TAS					m_e
CLZ	147.81		PKPbc	06:46:37.991	-0.3	3.9		2.62		TAS					m_e
FBE	148.41		PKPbc	06:46:40.776	0.4	3.9		2.62		TAS					m_e
FLT1	147.25		PKPbc	06:46:36.600	-0.5	3.9		2.62		TAS					m_e
GEC2	150.39		PKPbc	06:46:45.303	-0.3	3.9		2.62		TAS					m_e
GRA1	149.87		PKPbc	06:46:44.054	0.1	3.9		2.62		TAS					m_e
GTTG	148.13		PKPbc	06:46:39.115	-0.2	3.9		2.62		TAS					m_e
GUNZ	149.09		PKPbc	06:46:42.354	0.3	3.9		2.62		TAS					m_e
KAST	148.55		PKPbc	06:46:40.676	0.2	3.9		2.62		TAS					m_e
LNIZ	145.78		PKPbc	06:46:33.334	-0.2	3.9		2.62		TAS					m_e
MANZ	149.49		PKPbc	06:46:43.512	0.6	3.9		2.62		TAS					m_e
MOX	148.89		PKPbc	06:46:41.470	0.1	3.9		2.62		TAS					m_e
NEUB	148.33		PKPbc	06:46:39.730	-0.2	3.9		2.62		TAS					m_e
NRDL	147.18		PKPbc	06:46:36.126	-0.6	3.9		2.62		TAS					m_e
RJOB	151.61		PKPbc	06:46:48.591		3.9		2.62		TAS					m_e
ROTZ	149.69		PKPbc	06:46:44.193	0.1	3.9		2.62		TAS					m_e
SLE	151.98		PKPbc	06:46:48.786		3.9		2.62		TAS					m_e
TANN	149.02		PKPbc	06:46:42.378	0.3	3.9		2.62		TAS					m_e
TNS	149.53		PKPbc	06:46:43.444	0.6	3.9		2.62		TAS					m_e
UBBA	148.85		PKPbc	06:46:41.364	0.1	3.9		2.62		TAS					m_e
UBR	151.97		PKPbc	06:46:48.730		3.9		2.62		TAS					m_e
WERD	149.01		PKPbc	06:46:41.973	0.5	3.9		2.62		TAS					m_e
WERN	149.16		PKPbc	06:46:42.540	0.4	3.9		2.62		TAS					m_e
WILA	152.31		PKPbc	06:46:49.580		3.9		2.62		TAS					m_e

WLF 150.12 PKPbc 06:46:44.464 -0.5 3.9 2.62 TAS m_e

Event 50226002 Andreanof Islands, Aleutian Islands, United States

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2015/02/26 09:45:42.61 50.2080 -175.7290 33.0 30 75.34 82.36 m i ke BGR
50226008

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 50226008

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. It lists seismic station data for event 50226002, including station names like AHRW, ASSE, BFO, etc., and their respective parameters.

2015/02/27 00:47:37.90 -38.1400 -94.0000 10.0 13 125.47 129.03 m i ke EMSC
50227033

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	129.03		PKPdf	01:06:52.224		250.0		1.80		TAS				m_e	
CLL	128.57		PKPdf	01:06:51.465		250.0		1.80		TAS				m_e	
CLZ	127.14		PKPdf	01:06:49.286		250.0		1.80		TAS				m_e	
FBE	128.68		PKPdf	01:06:51.848		250.0		1.80		TAS				m_e	
GEC2	128.32		PKPdf	01:06:50.747		250.0		1.80		TAS				m_e	
GRA1	127.02		PKPdf	01:06:48.980		250.0		1.80		TAS				m_e	
GTTG	126.81		PKPdf	01:06:48.537	-0.1	250.0		1.80		TAS				m_e	
GUNZ	127.90		PKPdf	01:06:50.521		250.0		1.80		TAS				m_e	
KAST	125.78		PKPdf	01:06:46.409	0.0	250.0		1.80		TAS				m_e	
NEUB	127.80		PKPdf	01:06:50.111		250.0		1.80		TAS				m_e	
PLN	127.83		PKPdf	01:06:50.249		250.0		1.80		TAS				m_e	
STU	125.47		PKPdf	01:06:45.840	0.1	250.0		1.80		TAS				m_e	
WERD	127.91		PKPdf	01:06:50.362		250.0		1.80		TAS				m_e	

Event 50227003 Bougainville - Solomon Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/02/27 11:35:16.00 -7.0500 155.3300 80.0 26 125.39 130.26 m i ke EMSC
50227035

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	129.23		PKPdf	11:54:16.702		47.5		1.86		TAS				m_e	
ASSE	126.52		PKPdf	11:54:11.600	-0.0	47.5		1.86		TAS				m_e	
BFO	130.26		PKPdf	11:54:18.285		47.5		1.86		TAS				m_e	
BRG	125.85		PKPdf	11:54:10.218	0.0	47.5		1.86		TAS				m_e	
BSEG	125.39		PKPdf	11:54:09.552	-0.3	47.5		1.86		TAS				m_e	
BUG	128.48		PKPdf	11:54:15.169		47.5		1.86		TAS				m_e	
CLL	126.02		PKPdf	11:54:10.302	-0.0	47.5		1.86		TAS				m_e	
CLZ	126.85		PKPdf	11:54:12.465	0.0	47.5		1.86		TAS				m_e	
FBE	126.11		PKPdf	11:54:11.042	0.3	47.5		1.86		TAS				m_e	
FLT1	126.13		PKPdf	11:54:10.533	0.1	47.5		1.86		TAS				m_e	
GEC2	127.27		PKPdf	11:54:12.952	-0.1	47.5		1.86		TAS				m_e	
GRA1	127.94		PKPdf	11:54:14.070		47.5		1.86		TAS				m_e	
GTTG	127.24		PKPdf	11:54:13.120	0.1	47.5		1.86		TAS				m_e	
GUNZ	126.96		PKPdf	11:54:12.537	-0.1	47.5		1.86		TAS				m_e	
IBBN	127.64		PKPdf	11:54:13.678		47.5		1.86		TAS				m_e	
KAST	128.17		PKPdf	11:54:14.770		47.5		1.86		TAS				m_e	
MOX	127.11		PKPdf	11:54:12.662	-0.1	47.5		1.86		TAS				m_e	

NEUB	126.67	PKPdf	11:54:11.806	0.1	47.5	1.86	TAS	m_e
NRDL	126.51	PKPdf	11:54:11.718	0.2	47.5	1.86	TAS	m_e
PLN	126.96	PKPdf	11:54:12.328	0.1	47.5	1.86	TAS	m_e
ROTZ	127.42	PKPdf	11:54:13.126	0.1	47.5	1.86	TAS	m_e
STU	129.54	PKPdf	11:54:17.290		47.5	1.86	TAS	m_e
TANN	126.87	PKPdf	11:54:12.247	0.2	47.5	1.86	TAS	m_e
WERD	126.92	PKPdf	11:54:12.150	-0.0	47.5	1.86	TAS	m_e
WERN	126.99	PKPdf	11:54:12.533	-0.1	47.5	1.86	TAS	m_e
WET	127.50	PKPdf	11:54:13.456	-0.2	47.5	1.86	TAS	m_e

Event 50227004 Flores Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/27	13:45:05.30			-7.3400	122.5200				548.0			18		108.34	112.50	m i ke	EMSC
50227036																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	111.45		SKKPbc	14:16:25.144		257.0		2.92		TAS					m_e
BSEG	108.90		SKKPbc	14:16:32.852		257.0		2.92		TAS					m_e
BUG	111.33		SKKPbc	14:16:25.773		257.0		2.92		TAS					m_e
FUR	109.57		SKKPbc	14:16:30.856		257.0		2.92		TAS					m_e
GRA1	109.30		Pdiff	13:58:33.904		88.6		3.56		TAS					m_e
GRA1	109.30		PKiKP	14:02:33.692		118.7		0.92		TAS					m_e
GRA1	109.30		PP	14:03:13.961		94.9		6.81		TAS					m_e
GRA1	109.30		pPKiKP	14:05:16.777		105.0		0.99		TAS					m_e
GRA1	109.30		SP	14:12:06.798		71.2		8.72		TAS					m_e
GRA1	109.30		PKKPbc	14:13:41.942		243.8		3.55		TAS					m_e
GRA1	109.30		PKKPab	14:13:56.125		251.4		5.41		TAS					m_e
GRA1	109.30		SKKPbc	14:16:32.073		257.0		2.92		TAS					m_e
GUNZ	108.46		SKKPbc	14:16:34.420	0.3	257.0		2.92		TAS					m_e
MOX	108.86		SKKPbc	14:16:33.024		257.0		2.92		TAS					m_e
NEUB	108.65		SKKPbc	14:16:33.607	-0.2	257.0		2.92		TAS					m_e
PLN	108.55		SKKPbc	14:16:33.952	0.1	257.0		2.92		TAS					m_e
RJOB	108.64		SKKPbc	14:16:33.385	0.1	257.0		2.92		TAS					m_e
ROTZ	108.66		SKKPbc	14:16:33.632	-0.3	257.0		2.92		TAS					m_e
SKMB	109.21		SKKPbc	14:16:32.275		257.0		2.92		TAS					m_e
STU	110.80		SKKPbc	14:16:27.524		257.0		2.92		TAS					m_e
TANN	108.37		SKKPbc	14:16:34.495	-0.1	257.0		2.92		TAS					m_e
TNS	110.93		SKKPbc	14:16:27.168		257.0		2.92		TAS					m_e
WERN	108.45		SKKPbc	14:16:34.529	-0.2	257.0		2.92		TAS					m_e
WET	108.34		SKKPbc	14:16:34.432	-0.0	257.0		2.92		TAS					m_e
WLF	112.50		SKKPbc	14:16:22.630		257.0		2.92		TAS					m_e

Event 50227007 Guatemala

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/27	23:47:01.88			14.6730	-90.7330				33.0			24		83.34	88.30	m i ke	BGR
OrigID 50227013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50227013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.69		P	23:59:26.654	0.0	288.5		4.90		TAS		19.3	1.24	m_e mb	5.2
ASSE	85.40		P	23:59:35.743	-0.0	288.5		4.90		TAS		21.3	1.26	m_e mb	5.2
BRG	87.74		P	23:59:47.039		288.5		4.90		TAS		7.8	1.20	m_e mb	4.9
BSEG	84.65		P	23:59:31.888	0.2	288.5		4.90		TAS		24.6	1.18	m_e mb	5.3
BUG	83.57		P	23:59:26.755	-0.6	288.5		4.90		TAS		24.3	1.34	m_e mb	5.3
CLL	87.04		P	23:59:43.463		288.5		4.90		TAS		14.3	1.08	m_e mb	5.0
CLZ	85.31		P	23:59:35.369	0.1	288.5		4.90		TAS		14.7	1.10	m_e mb	5.1
FBE	87.38		P	23:59:45.388		288.5		4.90		TAS		18.3	1.18	m_e mb	5.1
FLT1	85.67		P	23:59:36.414	0.1	288.5		4.90		TAS		17.9	1.35	m_e mb	5.0
GEC2	88.30		P	23:59:49.592		288.5		4.90		TAS		9.3	1.25	m_e mb	5.0
GRA1	86.49		P	23:59:41.085	-0.0	288.5		4.90		TAS		24.9	1.49	m_e mb	5.1
GTTG	85.16		P	23:59:34.493	-0.1	288.5		4.90		TAS		19.8	1.16	m_e mb	5.2
GUNZ	86.95		P	23:59:43.266		288.5		4.90		TAS		20.1	1.28	m_e mb	5.1
MOX	86.43		P	23:59:40.564	0.1	288.5		4.90		TAS		14.3	1.21	m_e mb	5.0
NEUB	86.34		P	23:59:40.250	0.0	288.5		4.90		TAS		29.2	1.52	m_e mb	5.2
NRDL	84.96		P	23:59:33.522	-0.5	288.5		4.90		TAS		22.8	1.35	m_e mb	5.2
PLN	86.81		P	23:59:42.422	-0.2	288.5		4.90		TAS		38.6	1.72	m_e mb	5.3
ROTZ	87.07		P	23:59:43.811		288.5		4.90		TAS		13.5	1.26	m_e mb	4.9
TANN	87.01		P	23:59:43.546		288.5		4.90		TAS		14.3	1.10	m_e mb	5.0
TNS	84.62		P	23:59:31.500	0.2	288.5		4.90		TAS		18.6	1.44	m_e mb	5.1
WERD	86.91		P	23:59:42.936		288.5		4.90		TAS		13.9	1.29	m_e mb	4.9
WERN	87.00		P	23:59:43.674		288.5		4.90		TAS		20.9	1.14	m_e mb	5.2
WET	87.69		P	23:59:46.868		288.5		4.90		TAS		19.4	1.21	m_e mb	5.3
WLF	83.34		P	23:59:25.909	0.1	288.5		4.90		TAS		21.2	1.31	m_e mb	5.2

Event 50228003 Windward Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/02/28	12:27:47.17			13.9760	-61.0180				33.0			26		64.71	69.80	m i ke	BGR
OrigID 50228009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50228009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	65.43		P	12:38:27.225	0.3	265.7		6.29		TAS		35.1	1.05	m_e	mb	5.5
ASSE	67.86		P	12:38:42.380	-0.2	265.7		6.29		TAS		18.7	0.98	m_e	mb	5.3
BFO	65.97		P	12:38:29.954	-0.1	265.7		6.29		TAS		15.0	1.25	m_e	mb	5.1
BRG	69.80		P	12:38:54.323		265.7		6.29		TAS		11.6	0.86	m_e	mb	5.0
BSEG	67.84		P	12:38:41.605	-0.1	265.7		6.29		TAS		15.5	1.04	m_e	mb	5.2
CLL	69.23		P	12:38:50.689		265.7		6.29		TAS		19.8	1.16	m_e	mb	5.2
CLZ	67.64		P	12:38:40.756	-0.0	265.7		6.29		TAS		9.7	0.85	m_e	mb	5.1
FBE	69.43		P	12:38:52.215		265.7		6.29		TAS		9.5	0.69	m_e	mb	5.1
FLT1	68.22		P	12:38:43.957	0.1	265.7		6.29		TAS		9.4	0.79	m_e	mb	5.1
GEC2	69.56		P	12:38:52.886		265.7		6.29		TAS		9.6	0.97	m_e	mb	4.9
GRA1	67.99		P	12:38:43.096	0.2	265.7		6.29		TAS		21.8	1.62	m_e	mb	5.1
GTTG	67.36		P	12:38:39.429	0.3	265.7		6.29		TAS		19.5	1.00	m_e	mb	5.3
GUNZ	68.75		P	12:38:48.002		265.7		6.29		TAS		8.4	0.79	m_e	mb	5.0
IBBN	66.10		P	12:38:30.911	0.1	265.7		6.29		TAS		26.1	1.10	m_e	mb	5.4
KAST	66.35		P	12:38:32.339	0.2	265.7		6.29		TAS		12.2	1.14	m_e	mb	5.0
NEUB	68.45		P	12:38:45.915	-0.1	265.7		6.29		TAS		12.2	0.72	m_e	mb	5.2
NRDL	67.55		P	12:38:40.263	-0.4	265.7		6.29		TAS		22.7	1.21	m_e	mb	5.3
PLN	68.65		P	12:38:46.936	-0.0	265.7		6.29		TAS		7.5	0.92	m_e	mb	4.9
ROTZ	68.63		P	12:38:47.036	0.1	265.7		6.29		TAS		5.0	1.09	m_e	mb	4.7
STU	66.58		P	12:38:34.414	0.1	265.7		6.29		TAS		28.2	0.98	m_e	mb	5.5
TANN	68.83		P	12:38:48.417		265.7		6.29		TAS		9.2	0.78	m_e	mb	5.1
TNS	66.26		P	12:38:32.281	-0.4	265.7		6.29		TAS		23.3	1.00	m_e	mb	5.4
WERD	68.74		P	12:38:47.656	-0.1	265.7		6.29		TAS		3.9	0.68	m_e	mb	4.8
WERN	68.77		P	12:38:48.125		265.7		6.29		TAS		8.2	0.97	m_e	mb	4.9
WET	69.03		P	12:38:49.695		265.7		6.29		TAS		17.5	1.61	m_e	mb	5.0
WLF	64.71		P	12:38:22.292	-0.1	265.7		6.29		TAS		25.7	0.94	m_e	mb	5.4