

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

(produced by SZO/BGR - HANNOVER)

June 2015 UPDATED 12.October.2017

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

Event 50601001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/01	00:31:57.13	0.72	1.14	42.5800	19.1850	22.2	12.2	62	10.0			22	334	5.14	9.97	m i ke	BGR
OrigID 50601007																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.5		BGR	50601007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	5.34		Sn	00:34:08.901	-2.8					T__	2.5			m_e	
ARSA	5.34		Pn	00:33:14.130	-1.0					T__	53.5			m_e ML	4.1
BFO	9.55		Pn	00:34:09.999	-1.7					T__	8.3			m_e	
DAVA	8.10		Sn	00:35:18.280	2.1					T__	3.2			m_e	
DAVA	8.10		Pn	00:33:52.665	0.4					T__	8.5			m_e ML	4.8
GEC2	7.35		Sn	00:34:57.685	-0.7					T__	4.6			m_e	
GEC2	7.35		Pn	00:33:42.529	0.5					T__	27.5			m_e ML	4.3
GRA1	9.00		Pn	00:34:04.180	-0.2					T__	3.9			m_e	
GUNZ	9.10		Pn	00:34:07.090	1.4					T__	6.3			m_e	
KBA	6.12		Sn	00:34:29.477	-0.3					T__	5.2			m_e	
KBA	6.12		Pn	00:33:25.706	0.1					T__	13.4			m_e ML	4.5
MANZ	8.88		Sn	00:35:34.161	0.0					T__	3.2			m_e	
MANZ	8.88		Pn	00:34:02.845	0.2					T__	3.5			m_e ML	4.4
MILB	9.97		Pn	00:34:16.800	-0.6					T__	3.8			m_e	
MOA	6.31		Pn	00:33:28.148	0.0					T__	50.8			m_e	
MOX	9.60		Pn	00:34:13.378	1.1					T__	7.2			m_e	
OBKA	5.14		Pn	00:33:11.716	-0.6					T__	46.9			m_e	
PLONS	8.28		Pn	00:33:54.356	-0.2					T__	10.7			m_e	
RJOB	6.85		Sn	00:34:48.740	1.8					T__	3.6			m_e	
RJOB	6.85		Pn	00:33:35.631	0.2					T__	54.4			m_e ML	4.7
ROTZ	8.66		Sn	00:35:27.577	-1.6					T__	3.0			m_e	

ROTZ	8.66	Pn	00:33:59.763	0.0	T__	3.0	m_e	ML	4.4
SLE	9.16	Pn	00:34:04.896	-1.5	T__	4.1	m_e		
TANN	9.10	Pn	00:34:07.090	1.4	T__	4.7	m_e		
UBR	8.19	Pn	00:33:52.108	-1.4	T__	8.0	m_e		
WERD	9.18	Sn	00:35:42.768	1.5	T__	3.0	m_e		
WERN	9.03	Pn	00:34:05.975	1.3	T__	4.6	m_e		
WET	7.90	Pn	00:33:50.400	0.9	T__	3.9	m_e		
WTTA	7.11	Pn	00:33:38.549	-0.4	T__	28.8	m_e		

Event 50601005 Off coast of Oregon, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/01	06:52:42.40			44.1560	-129.9400				10.0					76.55	82.06	m i ke	BGR
OrigID 50601011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50601011
Ms	5.7		BGR	50601011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	80.88		L	07:41:36.201						T__		3369.9	18.10	a_e	Ms 5.7
BSEG	76.55		L	07:39:53.837						T__		2870.8	19.10	a_e	Ms 5.6
CLL	79.64		L	07:42:04.677						T__		2706.8	19.40	a_e	Ms 5.6
FUR	81.95		L	07:40:31.379						T__		3935.7	21.00	a_e	Ms 5.7
GEC2	82.06		L	07:43:50.689						T__		1663.4	20.80	a_e	Ms 5.4
GRA1	80.57		P	07:04:53.415		337.7		4.88		TAS		40.5	1.41	m_e	mb 5.3
GRA1	80.57		L	07:42:00.922						T__		2730.2	18.30	a_e	Ms 5.6
MILB	79.87		L	07:40:50.838						T__		3951.8	18.90	a_e	Ms 5.8
MOX	79.84		L	07:42:17.105						T__		2969.3	18.40	a_e	Ms 5.7
TNS	79.26		L	07:40:30.287						T__		3841.1	18.40	a_e	Ms 5.8
WET	81.55		L	07:43:27.202						T__		2564.7	18.10	a_e	Ms 5.6

Event 50601006 Off coast of Oregon, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/01	10:46:33.61			44.3590	-129.7400				10.0					76.31	81.81	m i ke	BGR
OrigID 50601012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50601012
Ms	5.0		BGR	50601012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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BFO	80.63	L	11:32:28.466			T__	704.8	22.00	a_e	Ms	5.0
BSEG	76.31	L	11:33:38.921			T__	707.5	18.70	a_e	Ms	5.0
CLL	79.40	L	11:35:58.794			T__	650.4	19.90	a_e	Ms	5.0
FUR	81.71	L	11:34:15.526			T__	993.3	21.40	a_e	Ms	5.1
GEC2	81.81	L	11:37:36.156			T__	476.9	19.80	a_e	Ms	4.9
GRA1	80.33	P	10:58:43.320	336.9	4.84	TAS	17.3	0.69	m_e	mb	5.1
GRA1	80.33	L	11:35:34.912			T__	685.1	18.60	a_e	Ms	5.0
MILB	79.62	L	11:34:44.049			T__	1156.3	18.30	a_e	Ms	5.3
MOX	79.60	L	11:36:01.169			T__	872.4	18.40	a_e	Ms	5.1
TNS	79.01	L	11:32:41.425			T__	945.8	20.50	a_e	Ms	5.1
WET	81.31	L	11:37:28.908			T__	332.3	18.30	a_e	Ms	4.7

Event 50601007 North of Svalbard

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/01	12:58:24.33			82.6220	25.8770				10.0			33		29.15	35.41	m i ke	BGR
50601013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50601013
Ms	3.8		BGR	50601013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	32.69		P	13:04:54.860	-0.1	3.4		8.71		TAS		69.4	1.55	m_e	mb	5.4
ASSE	30.94		P	13:04:40.271	0.4	3.4		8.71		TAS		54.2	1.29	a_e	mb	5.3
BFO	34.84		P	13:05:13.573		3.4		8.71		TAS		49.3	1.20	m_e	mb	5.3
BFO	34.84		L	13:18:54.513						T__		236.0	19.10	a_e	Ms	4.0
BRG	32.08		P	13:04:50.086	0.0	3.4		8.71		TAS		214.4	1.16	m_e	mb	6.0
BSEG	29.15		P	13:04:24.835	-0.2	3.4		8.71		TAS		36.6	1.25	m_e	mb	5.1
BUG	31.78		P	13:04:47.097	0.1	3.4		8.71		TAS		101.4	1.61	m_e	mb	5.5
CLL	31.68		P	13:04:46.321	-0.5	3.4		8.71		TAS		45.7	1.04	m_e	mb	5.3
CLL	31.68		L	13:18:08.125						T__		267.9	20.90	a_e	Ms	3.9
CLZ	31.24		P	13:04:43.171	0.1	3.4		8.71		TAS		49.6	1.14	m_e	mb	5.3
FBE	32.05		P	13:04:49.980	0.1	3.4		8.71		TAS		80.0	1.04	m_e	mb	5.6
FLT1	30.72		P	13:04:37.945	0.1	3.4		8.71		TAS		29.9	1.17	m_e	mb	5.1
FUR	34.88		P	13:05:14.562		3.4		8.71		TAS				m_e		
FUR	34.88		L	13:21:36.737						T__		179.0	18.30	a_e	Ms	3.9
GEC2	34.12		P	13:05:08.371		3.4		8.71		TAS		43.5	1.30	a_e	mb	5.2
GEC2	34.12		L	13:19:43.277						T__		212.0	21.40	a_e	Ms	3.8
GRA1	33.36		P	13:05:01.539	-0.2	3.4		8.71		TAS		55.0	0.99	m_e	mb	5.4
GRA1	33.36		L	13:21:25.552						T__		180.5	18.90	a_e	Ms	3.8
GTTG	31.55		P	13:04:45.871	0.0	3.4		8.71		TAS		70.1	1.16	m_e	mb	5.5
GUNZ	32.64		P	13:04:55.371	0.1	3.4		8.71		TAS		58.4	1.08	a_e	mb	5.4
KAST	31.97		P	13:04:49.353	0.0	3.4		8.71		TAS		27.3	1.08	m_e	mb	5.1
MANZ	33.03		P	13:04:58.527	0.6	3.4		8.71		TAS		21.8	1.23	m_e	mb	4.9
MILB	33.30		P	13:05:00.679	-0.4	3.4		8.71		TAS		44.0	1.02	m_e	mb	5.3

MILB	33.30	L	13:18:22.469							T__	171.0	21.60	a_e	Ms	3.7
MOX	32.39	P	13:04:53.154	0.3	3.4		8.71			TAS	69.8	1.02	m_e	mb	5.5
MOX	32.39	L	13:20:52.576							T__	141.3	19.60	a_e	Ms	3.7
NEUB	31.83	P	13:04:47.897	-0.0	3.4		8.71			TAS	58.3	1.19	m_e	mb	5.4
NRDL	30.60	P	13:04:37.512	-0.4	3.4		8.71			TAS	52.5	1.25	m_e	mb	5.3
PLN	32.53	P	13:04:54.209	-0.1	3.4		8.71			TAS	45.7	1.08	m_e	mb	5.3
RJOB	35.25	P	13:05:17.739		3.4		8.71			TAS	89.4	0.99	m_e	mb	5.7
ROTZ	33.25	P	13:05:00.600	-0.2	3.4		8.71			TAS	47.9	1.02	m_e	mb	5.4
STU	34.36	P	13:05:09.822		3.4		8.71			TAS	60.0	1.08	m_e	mb	5.4
TANN	32.59	P	13:04:54.821	0.1	3.4		8.71			TAS	37.8	1.08	a_e	mb	5.2
TNS	32.94	P	13:04:57.369	0.5	3.4		8.71			TAS	34.6	1.26	m_e	mb	5.1
TNS	32.94	L	13:18:09.866							T__	209.1	20.90	a_e	Ms	3.8
UBBA	32.28	P	13:04:51.502	0.1	3.4		8.71			TAS	26.4	1.57	m_e	mb	4.9
UBR	35.41	P	13:05:18.958		3.4		8.71			TAS	69.1	1.69	m_e	mb	5.3
WERD	32.56	P	13:04:54.531	-0.1	3.4		8.71			TAS	48.4	1.20	m_e	mb	5.3
WERN	32.72	P	13:04:56.219	0.7	3.4		8.71			TAS	95.2	1.05	m_e	mb	5.7
WET	33.84	P	13:05:06.053	-0.4	3.4		8.71			TAS	87.4	1.88	m_e	mb	5.4
WET	33.84	L	13:17:56.479							T__	169.9	20.90	a_e	Ms	3.7
WLF	33.61	P	13:05:03.195	-0.1	3.4		8.71			TAS	45.3	1.45	m_e	mb	5.2

Event 50601008 Off coast of Oregon, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/01	20:11:32.57			44.3560	-129.5750				10.0					76.26	81.77	m i ke	BGR
OrigID 50601014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50601014
Ms	5.9		BGR	50601014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	80.58		P	20:23:43.500		338.5		4.81		TAS		48.8	1.55	m_e	mb	5.3
BFO	80.58		L	20:57:45.015						T__		4664.4	22.00	a_e	Ms	5.8
BSEG	76.26		L	20:58:52.549						T__		5302.7	18.60	a_e	Ms	5.9
CLL	79.35		P	20:23:36.735		338.5		4.81		TAS		32.0	1.41	m_e	mb	5.2
CLL	79.35		L	21:00:54.077						T__		4528.6	19.30	a_e	Ms	5.8
FUR	81.66		L	20:59:21.180						T__		6933.5	21.40	a_e	Ms	6.0
GEC2	81.77		L	21:01:54.644						T__		3150.9	19.30	a_e	Ms	5.7
GRA1	80.28		P	20:23:42.026		338.5		4.81		TAS		21.6	1.34	m_e	mb	4.9
GRA1	80.28		L	21:01:44.688						T__		4641.8	18.00	a_e	Ms	5.9
MILB	79.58		L	20:59:49.312						T__		7320.2	18.80	a_e	Ms	6.0
MOX	79.55		L	21:01:06.974						T__		5532.4	18.10	a_e	Ms	5.9
TNS	78.97		L	20:59:19.352						T__		6204.7	18.40	a_e	Ms	6.0
WET	81.26		L	21:02:16.755						T__		4267.5	18.10	a_e	Ms	5.8

Event 50601009 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/01	22:52:33.26			51.4760	-178.5610				33.0					74.70	80.40	m i ke	BGR
OrigID 50601015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50601015
Ms	4.3		BGR	50601015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	80.40		L	23:38:12.113						T__		165.5	19.70	a_e	Ms 4.4
BSEG	74.70		L	23:35:00.650						T__		163.9	20.00	a_e	Ms 4.3
CLL	77.13		L	23:35:11.443						T__		162.5	20.00	a_e	Ms 4.3
FUR	80.38		L	23:44:21.577						T__		145.6	20.20	a_e	Ms 4.3
GEC2	79.51		L	23:42:49.630						T__		152.3	20.30	a_e	Ms 4.3
GRA1	78.87		P	23:04:31.492		7.9		4.74		TAS		31.9	1.48	m_e	mb 5.1
GRA1	78.87		L	23:34:17.226						T__		174.1	20.60	a_e	Ms 4.4
MILB	78.85		L	23:37:37.292						T__		140.0	20.40	a_e	Ms 4.3
MOX	77.89		L	23:34:29.179						T__		156.7	21.00	a_e	Ms 4.3
TNS	78.50		L	23:46:58.256						T__		170.4	20.70	a_e	Ms 4.4
WET	79.28		L	23:42:12.980						T__		190.0	19.70	a_e	Ms 4.4

Event 50601010 Northwestern Kashmir

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/01	23:30:08.50			36.3570	73.6290				33.0				23	44.37	49.49	m i ke	BGR
OrigID 50601016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50601016
Ms	3.6		BGR	50601016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	48.75		P	23:38:48.431		81.7		7.91		TAS		18.5	0.78	m_e	mb 5.2
BRG	44.37		P	23:38:14.009	0.1	81.7		7.91		TAS		115.6	0.98	m_e	mb 5.6
BSEG	46.34		P	23:38:29.378	-0.2	81.7		7.91		TAS		31.0	0.79	m_e	mb 5.4
CLL	44.93		P	23:38:17.849	0.2	81.7		7.91		TAS		18.8	0.74	m_e	mb 5.1
CLZ	46.51		P	23:38:30.715		81.7		7.91		TAS		11.2	0.76	m_e	mb 5.1
FBE	44.74		P	23:38:17.238	-0.2	81.7		7.91		TAS		34.3	0.87	m_e	mb 5.3
FLT1	45.93		P	23:38:25.447	0.1	81.7		7.91		TAS		41.4	0.78	m_e	mb 5.5
FUR	46.43		P	23:38:31.170	-0.1	81.7		7.91		TAS		37.7	0.98	m_e	mb 5.4
GRA1	46.24		P	23:38:29.768	-0.3	81.7		7.91		TAS		29.7	1.04	m_e	mb 5.3
GRA1	46.24		L	23:58:19.323						T__		73.8	20.80	a_e	Ms 3.6

GTTG	46.79	P	23:38:33.149	81.7	7.91	TAS	47.2	0.94	m_e	mb	5.6
GUNZ	45.45	P	23:38:22.588	-0.6 81.7	7.91	TAS	10.4	0.85	m_e	mb	4.8
IBBN	48.05	P	23:38:42.633	81.7	7.91	TAS	28.9	0.84	m_e	mb	5.4
MANZ	45.63	P	23:38:24.380	-0.0 81.7	7.91	TAS	9.4	0.93	m_e	mb	4.8
MILB	47.46	P	23:38:38.422	81.7	7.91	TAS	16.2	0.92	m_e	mb	5.1
MOX	45.87	P	23:38:25.810	0.0 81.7	7.91	TAS	17.4	0.90	m_e	mb	5.1
MOX	45.87	L	23:55:50.090			T__	77.2	19.40	a_e	Ms	3.7
NEUB	45.71	P	23:38:24.306	0.4 81.7	7.91	TAS	27.2	0.94	m_e	mb	5.3
NRDL	46.60	P	23:38:31.619	81.7	7.91	TAS	29.5	0.95	m_e	mb	5.4
PLN	45.54	P	23:38:23.367	0.9 81.7	7.91	TAS	9.7	0.86	m_e	mb	4.8
ROTZ	45.60	P	23:38:24.224	0.6 81.7	7.91	TAS	16.7	1.14	m_e	mb	5.0
TANN	45.36	P	23:38:21.808	-0.3 81.7	7.91	TAS	11.8	0.93	m_e	mb	4.8
UBR	47.29	P	23:38:37.365	81.7	7.91	TAS	23.5	0.90	m_e	mb	5.3
WET	45.24	P	23:38:21.171	-0.1 81.7	7.91	TAS	14.2	1.19	m_e	mb	4.8
WLF	49.49	P	23:38:54.556	81.7	7.91	TAS	28.3	0.96	m_e	mb	5.3

Event 50602009 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/02	00:11:07.97			-16.9230	-14.1720				10.0					67.99	73.63	m i ke	BGR
OrigID 50602015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50602015
Ms	4.3		BGR	50602015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	67.99		L	00:49:53.992						T__		172.4	20.50	a_e	Ms	4.3
BRG	71.87		P	00:22:32.924		205.7		6.56		TAS		11.1	1.31	m_e	mb	4.8
BSEG	73.63		P	00:22:43.674		205.7		6.56		TAS		39.6	1.34	m_e	mb	5.3
BSEG	73.63		L	00:56:36.047						T__		140.3	18.30	a_e	Ms	4.3
CLL	71.98		L	00:53:35.136						T__		243.0	19.10	a_e	Ms	4.5
CLZ	71.74		P	00:22:32.336		205.7		6.56		TAS		29.6	1.61	m_e	mb	5.2
FUR	68.67		L	00:51:44.685						T__		237.2	18.60	a_e	Ms	4.5
GEC2	70.01		P	00:22:21.282		205.7		6.56		TAS		23.7	1.72	m_e	mb	5.0
GEC2	70.01		L	00:52:36.827						T__		291.0	18.60	a_e	Ms	4.6
GRA1	70.02		P	00:22:21.816		205.7		6.56		TAS		20.5	1.34	m_e	mb	5.1
GRA1	70.02		L	00:52:24.944						T__		154.3	21.20	a_e	Ms	4.2
GUNZ	70.95		P	00:22:27.253		205.7		6.56		TAS		20.0	1.23	m_e	mb	5.1
MANZ	70.54		P	00:22:24.565		205.7		6.56		TAS		20.4	1.33	m_e	mb	5.1
MILB	69.62		L	00:50:05.795						T__		100.8	19.40	a_e	Ms	4.1
MOX	70.99		P	00:22:27.383		205.7		6.56		TAS		18.3	1.36	m_e	mb	5.0
MOX	70.99		L	00:53:02.008						T__		206.9	19.00	a_e	Ms	4.4
NEUB	71.53		P	00:22:31.016		205.7		6.56		TAS		32.9	1.16	m_e	mb	5.4
NRDL	72.27		P	00:22:36.216		205.7		6.56		TAS		53.7	1.52	m_e	mb	5.4
PLN	71.01		P	00:22:27.255		205.7		6.56		TAS		41.4	1.91	m_e	mb	5.2

ROTZ	70.38	P	00:22:23.703	205.7	6.56	TAS	37.9	1.67	m_e	mb	5.3
TANN	71.03	P	00:22:27.626	205.7	6.56	TAS	51.8	2.01	m_e	mb	5.3
TNS	69.76	P	00:22:20.255	205.7	6.56	TAS	21.7	1.35	m_e	mb	5.1
TNS	69.76	L	00:52:01.231			T__	134.9	18.50	a_e	Ms	4.2
WERN	70.89	P	00:22:26.838	205.7	6.56	TAS	17.3	1.29	m_e	mb	5.0
WET	70.02	P	00:22:21.538	205.7	6.56	TAS	20.6	1.32	m_e	mb	5.1
WET	70.02	L	00:53:21.405			T__	152.0	19.80	a_e	Ms	4.2

Event 50602010 Norwegian Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/02	07:31:42.92			71.6510	4.8700				10.0			28		17.94	23.75	m i ke	BGR
	50602016																

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50602016
Ms	4.3		BGR	50602016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	21.21	P		07:36:27.319	-0.0	354.7		10.62		TAS		37.5	1.00	m_e	mb	4.7
ASSE	19.76	P		07:36:12.889	0.0	354.7		10.62		TAS		71.1	1.08	m_e	mb	4.8
BFO	23.45	P		07:36:51.200		354.7		10.62		TAS		30.2	1.02	m_e	mb	4.8
BFO	23.45	L		07:47:27.679						T__		1033.7	18.20	a_e	Ms	4.3
BRG	21.25	P		07:36:28.725	0.0	354.7		10.62		TAS		61.4	1.31	m_e	mb	4.8
BSEG	17.94	P		07:35:53.521	-0.2	354.7		10.62		TAS				m_e		
BSEG	17.94	L		07:42:58.444						T__		2477.5	19.90	a_e	Ms	4.5
BUG	20.31	P		07:36:17.992	0.4	354.7		10.62		TAS		91.3	1.11	m_e	mb	4.9
CLL	20.74	P		07:36:23.232	-0.3	354.7		10.62		TAS		85.8	1.67	m_e	mb	4.8
CLL	20.74	L		07:44:36.153						T__		1060.8	20.30	a_e	Ms	4.2
CLZ	20.03	P		07:36:15.854	-0.1	354.7		10.62		TAS		126.7	1.04	m_e	mb	5.1
FBE	21.15	P		07:36:27.845	-0.0	354.7		10.62		TAS		52.3	1.09	m_e	mb	4.8
FLT1	19.60	P		07:36:10.621	0.3	354.7		10.62		TAS		78.5	1.03	m_e	mb	4.9
FUR	23.75	P		07:36:55.006		354.7		10.62		TAS		99.3	0.94	m_e	mb	5.3
FUR	23.75	L		07:46:03.735						T__		1551.8	21.50	a_e	Ms	4.4
GEC2	23.24	P		07:36:49.716		354.7		10.62		TAS		27.8	1.01	m_e	mb	4.7
GEC2	23.24	L		07:45:39.366						T__		1121.4	22.00	a_e	Ms	4.3
GRA1	22.23	P		07:36:39.058		354.7		10.62		TAS		33.2	1.24	m_e	mb	4.6
GRA1	22.23	L		07:45:07.782						T__		1714.5	21.90	a_e	Ms	4.4
GTTG	20.31	P		07:36:18.994	0.5	354.7		10.62		TAS		102.9	1.15	m_e	mb	5.0
GUNZ	21.63	P		07:36:32.780	0.2	354.7		10.62		TAS		32.7	1.18	m_e	mb	4.6
KAST	20.58	P		07:36:21.491	0.6	354.7		10.62		TAS		52.1	1.18	m_e	mb	4.7
MANZ	21.99	P		07:36:36.308		354.7		10.62		TAS		24.0	1.24	m_e	mb	4.5
MOX	21.30	P		07:36:29.109	0.2	354.7		10.62		TAS		124.1	1.73	m_e	mb	5.0
MOX	21.30	L		07:44:40.254						T__		1562.6	21.50	a_e	Ms	4.4
NEUB	20.76	P		07:36:23.682	-0.2	354.7		10.62		TAS		339.2	1.00	m_e	mb	5.6
NRDL	19.37	P		07:36:08.885	0.3	354.7		10.62		TAS		187.0	1.91	m_e	mb	5.0

./2015/bul1506.txt

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PLN	21.50	P	07:36:31.135	-0.3	354.7	10.62	TAS	39.3	0.95	m_e	mb	4.7
ROTZ	22.22	P	07:36:38.910		354.7	10.62	TAS	38.7	0.96	m_e	mb	4.8
TANN	21.59	P	07:36:32.286	0.2	354.7	10.62	TAS	27.2	1.01	m_e	mb	4.6
TNS	21.56	P	07:36:31.651	-0.2	354.7	10.62	TAS	42.3	1.03	m_e	mb	4.8
TNS	21.56	L	07:44:58.173				T__	1121.2	21.60	a_e	Ms	4.2
UBBA	21.03	P	07:36:26.355	0.1	354.7	10.62	TAS	70.0	1.57	m_e	mb	4.7
WERD	21.54	P	07:36:31.845	-0.1	354.7	10.62	TAS	33.5	0.97	m_e	mb	4.7
WERN	21.71	P	07:36:33.798	-0.2	354.7	10.62	TAS	43.1	1.10	m_e	mb	4.8
WET	22.88	P	07:36:46.233		354.7	10.62	TAS	29.2	0.91	m_e	mb	4.8
WET	22.88	L	07:45:28.517				T__	1328.1	21.90	a_e	Ms	4.3

Event 50602007 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/02	14:03:55.14	7.47	2.74	37.1780	22.7060	343.6	64.5	143	10.0				12 320	12.83	17.69	m i ke	BGR
50602013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50602013
Ms	3.4		BGR	50602013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLZ	17.06		P	14:08:04.548		142.2		15.28		TAS				m_e	
GEC2	13.38		P	14:07:06.937	-1.5	142.2		15.28		TAS				m_e	
GRA1	15.01		L	14:14:23.537						T__		294.3	19.30	a_e Ms	3.4
GUNZ	15.14		P	14:07:32.245		142.2		15.28		TAS				m_e	
MANZ	14.91		P	14:07:27.949		142.2		15.28		TAS				m_e	
MOX	15.63		P	14:07:37.668		142.2		15.28		TAS				m_e	
NRDL	17.69		P	14:08:13.063		142.2		15.28		TAS				m_e	
RJOB	12.83		P	14:06:59.479	2.0	142.2		15.28		TAS				m_e	
ROTZ	14.69		P	14:07:24.409		142.2		15.28		TAS				m_e	
TNS	16.58		P	14:07:48.983		142.2		15.28		TAS				m_e	
WERN	15.06		P	14:07:31.567		142.2		15.28		TAS				m_e	
WET	13.93		P	14:07:14.545	2.6	142.2		15.28		TAS				m_e	
WLF	17.28		P	14:08:05.610		142.2		15.28		TAS		94.3	1.06	m_e mb	4.8

Event 50603014 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/03	07:00:54.00			-19.6300	-179.1100				681.0				30	145.00	151.03	m i ke	NEIC
50603068																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	148.77		PKPbc	07:18:26.606	-0.6	19.1		2.50		TAS				m_e	
ASSE	146.68		PKPbc	07:18:21.227	0.0	19.1		2.50		TAS				m_e	
BFO	150.74		PKPbc	07:18:31.072		19.1		2.50		TAS				m_e	
BRG	147.16		PKPbc	07:18:22.662	0.0	19.1		2.50		TAS				m_e	
BSEG	145.00		PKPbc	07:18:16.396	-0.1	19.1		2.50		TAS				m_e	
CLL	146.98		PKPbc	07:18:22.091	0.2	19.1		2.50		TAS				m_e	
CLL	146.98		PKiKP	07:19:22.063						T__				m_e	
CLZ	147.00		PKPbc	07:18:22.412	0.2	19.1		2.50		TAS				a_e	
FBE	147.25		PKPbc	07:18:23.303	0.1	19.1		2.50		TAS				m_e	
FLT1	146.38		PKPbc	07:18:20.162	-0.0	19.1		2.50		TAS				a_e	
GEC2	149.08		PKPbc	07:18:27.400		19.1		2.50		TAS				m_e	
GEC2	149.08		PKiKP	07:19:27.849						T__				m_e	
GTTG	147.36		PKPbc	07:18:23.262	0.2	19.1		2.50		TAS				a_e	
GUNZ	148.01		PKPbc	07:18:25.012	0.2	19.1		2.50		TAS				a_e	
IBBN	146.95		PKPbc	07:18:21.883	0.4	19.1		2.50		TAS				m_e	
KAST	147.94		PKPbc	07:18:24.620	-0.0	19.1		2.50		TAS				m_e	
KAST	147.94		PKiKP	07:19:25.069						T__				m_e	
MANZ	148.42		PKPbc	07:18:26.017	0.2	19.1		2.50		TAS				m_e	
MILB	149.13		PKPbc	07:18:27.644		19.1		2.50		TAS				m_e	
MOX	147.90		PKPbc	07:18:24.434	0.3	19.1		2.50		TAS				m_e	
NEUB	147.35		PKPbc	07:18:23.165	0.2	19.1		2.50		TAS				m_e	
NEUB	147.35		PKiKP	07:19:23.814						T__				m_e	
NRDL	146.42		PKPbc	07:18:20.562	0.3	19.1		2.50		TAS				a_e	
PLN	147.94		PKPbc	07:18:24.703	0.3	19.1		2.50		TAS				m_e	
RJOB	150.34		PKPbc	07:18:29.778		19.1		2.50		TAS				m_e	
ROTZ	148.60		PKPbc	07:18:26.322	0.4	19.1		2.50		TAS				m_e	
RUE	145.71		PKPbc	07:18:18.656	-0.2	19.1		2.50		TAS				m_e	
TANN	147.94		PKPbc	07:18:24.662	0.3	19.1		2.50		TAS				a_e	
TNS	148.89		PKPbc	07:18:27.048	-0.5	19.1		2.50		TAS				m_e	
TNS	148.89		PKiKP	07:19:27.335						T__				m_e	
UBR	151.03		PKPbc	07:18:31.682		19.1		2.50		TAS				m_e	
WERD	147.94		PKPbc	07:18:24.750	0.1	19.1		2.50		TAS				m_e	
WERN	148.07		PKPbc	07:18:25.212	-0.2	19.1		2.50		TAS				m_e	
WET	149.02		PKPbc	07:18:27.171		19.1		2.50		TAS				m_e	
WLF	149.74		PKPbc	07:18:29.498		19.1		2.50		TAS				m_e	

Event 50603015 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/03	19:34:19.38			43.0950	143.7920				33.0				19	75.46	80.88	m i ke	BGR
50603021																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50603021

Ms 4.4 BGR 50603021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	76.86		P	19:46:07.079	-0.3	33.3		5.52		TAS		13.5	1.18	m_e mb	5.0
BFO	80.88		L	20:25:02.648						T__		99.3	20.20	a_e Ms	4.2
BSEG	75.46		L	20:21:54.314						T__		193.5	18.40	a_e Ms	4.4
BUG	78.57		P	19:46:15.240		33.3		5.52		TAS		26.9	1.30	m_e mb	5.1
CLL	76.73		P	19:46:05.261	-0.2	33.3		5.52		TAS		36.8	1.03	m_e mb	5.5
CLL	76.73		L	20:21:37.435						T__		170.1	18.30	a_e Ms	4.4
CLZ	77.20		P	19:46:09.595	-0.6	33.3		5.52		TAS		30.1	1.03	m_e mb	5.4
FBE	76.92		P	19:46:07.928	-0.5	33.3		5.52		TAS		26.6	1.10	m_e mb	5.3
FLT1	76.50		P	19:46:04.706	0.5	33.3		5.52		TAS		40.2	1.04	m_e mb	5.5
FUR	79.97		P	19:46:24.079		33.3		5.52		TAS		31.3	1.21	m_e mb	5.1
FUR	79.97		L	20:25:02.582						T__		184.3	18.50	a_e Ms	4.5
GEC2	78.50		P	19:46:15.453		33.3		5.52		TAS		11.1	1.28	m_e mb	4.8
GEC2	78.50		L	20:23:37.921						T__		246.4	20.20	a_e Ms	4.5
GRA1	78.71		P	19:46:16.994		33.3		5.52		TAS		35.9	1.10	m_e mb	5.3
GRA1	78.71		L	20:25:02.182						T__		130.8	18.20	a_e Ms	4.3
GTTG	77.59		P	19:46:11.482	-1.1	33.3		5.52		TAS		29.3	1.17	m_e mb	5.3
IBBN	77.67		P	19:46:11.062	0.1	33.3		5.52		TAS		38.0	1.16	m_e mb	5.4
KAST	78.40		P	19:46:14.915		33.3		5.52		TAS		29.5	1.57	m_e mb	5.2
MILB	79.27		P	19:46:21.537		33.3		5.52		TAS		16.7	1.31	m_e mb	4.9
MOX	77.77		P	19:46:12.293		33.3		5.52		TAS		13.7	1.22	m_e mb	5.0
MOX	77.77		L	20:22:28.159						T__		141.9	20.40	a_e Ms	4.3
NEUB	77.26		P	19:46:09.359	-0.2	33.3		5.52		TAS		40.2	1.01	m_e mb	5.5
PLN	77.71		P	19:46:12.092	-0.1	33.3		5.52		TAS		10.1	1.11	m_e mb	4.9
ROTZ	78.29		P	19:46:14.607		33.3		5.52		TAS		13.5	1.17	m_e mb	5.0
TNS	79.22		P	19:46:20.105		33.3		5.52		TAS		15.7	1.20	m_e mb	4.9
TNS	79.22		L	20:24:46.460						T__		104.6	18.60	a_e Ms	4.2
WET	78.56		P	19:46:16.138		33.3		5.52		TAS		22.0	1.12	m_e mb	5.1
WET	78.56		L	20:24:09.920						T__		256.1	19.60	a_e Ms	4.6

Event 50604012 Reykjanes Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/04	12:17:07.07			60.0280	-29.6000				10.0					21.93	27.05	m i ke	BGR
OrigID 50604018																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50604018
Ms	4.5		BGR	50604018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	24.72		L	12:31:25.461						T__		751.1	18.70	a_e Ms	4.2
BSEG	22.31		L	12:29:46.306						T__		1226.0	21.80	a_e Ms	4.3
CLL	25.15		P	12:22:33.191		307.0		8.89		TAS		11.3	1.14	m_e mb	4.5

CLL	25.15	L	12:32:47.768							T__	1789.2	18.50	a_e	Ms	4.6
CLZ	23.51	P	12:22:17.281	307.0	8.89					TAS	131.3	1.93	m_e	mb	5.1
FLT1	23.66	P	12:22:18.230	307.0	8.89					TAS	431.8	2.70	m_e	mb	5.5
FUR	26.29	L	12:31:56.833							T__	1139.4	21.90	a_e	Ms	4.4
GEC2	27.05	P	12:22:50.939	307.0	8.89					TAS	25.2	1.72	m_e	mb	4.7
GEC2	27.05	L	12:32:53.871							T__	1972.2	20.50	a_e	Ms	4.7
GRA1	25.26	P	12:22:32.627	307.0	8.89					TAS	32.3	1.36	m_e	mb	4.9
GRA1	25.26	L	12:31:59.255							T__	2426.1	20.00	a_e	Ms	4.7
IBBN	21.93	P	12:22:00.604	307.0	8.89					TAS	115.0	1.40	m_e	mb	5.1
MANZ	25.52	P	12:22:35.427	307.0	8.89					TAS	24.9	1.53	m_e	mb	4.6
MOX	24.86	L	12:31:16.211							T__	1689.3	21.60	a_e	Ms	4.5
NRDL	23.00	P	12:22:11.423	307.0	8.89					TAS	152.8	1.99	m_e	mb	5.2
TNS	23.54	L	12:30:34.461							T__	2007.6	20.80	a_e	Ms	4.6
WET	26.44	L	12:33:14.134							T__	2818.7	18.40	a_e	Ms	4.8

Event 50604013 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/04	18:19:46.00			-24.6200	-177.2600				124.0					153.13	154.11	m i ke	NEIC
OrigID 50604052																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.3		BGR	50604019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	154.11		PKPab	18:39:44.012		17.9		3.90		TAS				m_e	
MOX	153.13		L	19:39:45.085						T__		45.3	21.20	a_e	Ms 4.3
TNS	154.06		L	19:35:41.442						T__		51.7	20.60	a_e	Ms 4.3

Event 50604014 Central Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/04	21:42:35.54			36.4510	20.9560				10.0					15.01	15.70	m i ke	BGR
OrigID 50604020																	

Magnitude	Err	Nsta	Author	OrigID
Ms	3.0		BGR	50604020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	15.01		P	21:46:13.318		148.3		12.54		TAS		19.7	1.24	m_e	
GRA1	15.01		L	21:53:55.648						T__		100.5	18.90	a_e	Ms 3.0
MOX	15.70		L	21:53:57.080						T__		115.5	19.90	a_e	Ms 3.0

Event 50604015 Bonin Islands, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/04	21:46:27.53			28.0620	142.9790				33.0					88.67	93.78	m i ke	BGR
OrigID 50604021																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50604021
Ms	4.1		BGR	50604021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	93.78		L	22:45:21.247						T__		74.7	21.20	a_e Ms	4.1
BSEG	88.67		L	22:46:05.514						T__		58.1	18.60	a_e Ms	4.0
CLL	89.55		L	22:39:04.833						T__		67.8	18.00	a_e Ms	4.1
CLZ	90.24		P	21:59:20.904		41.3		4.32		TAS		8.1	1.05	m_e mb	4.9
FUR	92.64		P	21:59:32.272		41.3		4.32		TAS		12.7	0.82	m_e mb	5.4
FUR	92.64		L	22:50:00.832						T__		52.3	19.70	a_e Ms	4.0
GEC2	91.05		L	22:45:29.741						T__	181.8	18.30	a_e Ms	4.5	
GRA1	91.51		P	21:59:26.955		41.3		4.32		TAS		8.4	0.80	m_e mb	5.1
GRA1	91.51		L	22:44:27.169						T__		58.0	19.70	a_e Ms	4.0
MOX	90.63		L	22:48:06.604						T__		70.6	18.60	a_e Ms	4.1
RJOB	92.27		P	21:59:30.260		41.3		4.32		TAS		46.9	0.89	m_e mb	5.8
TNS	92.26		L	22:51:02.294						T__		54.2	21.80	a_e Ms	4.0
WET	91.20		L	22:46:13.776						T__		80.1	19.50	a_e Ms	4.2

Event 50604016 Borneo

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/04	23:15:43.50			6.0100	116.5600				33.0				14	93.00	97.48	m i ke	NEIC
OrigID 50604055																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.9		BGR	50604022

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	94.93		PP	23:29:06.229						T__				m_e	
BFO	97.48		L	00:15:51.881						T__		3854.7	21.80	a_e Ms	5.8
BRG	93.28		PP	23:28:58.746	-0.3					T__				m_e	
BSEG	94.62		L	00:21:06.302						T__		4034.2	18.40	a_e Ms	5.9
CLL	93.75		PP	23:29:00.641	-0.2					T__				m_e	
CLL	93.75		L	00:16:32.051						T__		3571.1	21.00	a_e Ms	5.8
FBE	93.63		PP	23:29:00.546	-0.1					T__				m_e	
FUR	95.64		L	00:15:43.797						T__		6063.2	19.70	a_e Ms	6.1

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 50606007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	67.05		P	05:20:12.297		16.1		6.26		TAS		4.8	1.35	m_e	mb 4.5
CLL	66.82		P	05:20:10.751	-0.1	16.1		6.26		TAS		10.9	1.50	m_e	mb 4.9
CLZ	66.77		P	05:20:10.565	-0.1	16.1		6.26		TAS		16.5	1.50	m_e	mb 5.0
FBE	67.12		P	05:20:12.998		16.1		6.26		TAS		7.5	1.30	m_e	mb 4.8
GEC2	69.04		P	05:20:24.645		16.1		6.26		TAS		7.9	1.29	m_e	mb 4.8
GRA1	68.69		P	05:20:22.663		16.1		6.26		TAS		30.8	1.86	m_e	mb 5.2
GUNZ	67.84		P	05:20:17.554		16.1		6.26		TAS		15.4	1.65	m_e	mb 5.0
MANZ	68.25		P	05:20:19.770		16.1		6.26		TAS		12.0	1.56	m_e	mb 4.9
RJOB	70.27		P	05:20:32.424		16.1		6.26		TAS		22.6	1.26	m_e	mb 5.2
ROTZ	68.44		P	05:20:21.102		16.1		6.26		TAS		13.4	1.52	m_e	mb 4.9
TANN	67.77		P	05:20:17.006		16.1		6.26		TAS		11.6	1.59	m_e	mb 4.9
WET	68.91		P	05:20:24.287		16.1		6.26		TAS		7.6	1.31	m_e	mb 4.8

Event 50606002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/06	05:29:01.38			-18.9280	-176.2620				33.0			20		144.69	150.85	m i ke	BGR
OrigID 50606008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.44		PKPbc	05:48:50.082		13.7		2.71		TAS				m_e	
BRG	147.11		PKPbc	05:48:41.242	0.3	13.7		2.71		TAS				m_e	
BSEG	144.69		PKPbc	05:48:33.982	-0.1	13.7		2.71		TAS				m_e	
CLL	146.87		PKPbc	05:48:40.453	0.3	13.7		2.71		TAS				m_e	
CLZ	146.74		PKPbc	05:48:40.631	0.4	13.7		2.71		TAS				m_e	
FBE	147.18		PKPbc	05:48:41.831	0.3	13.7		2.71		TAS				m_e	
FLT1	146.15		PKPbc	05:48:38.199	0.5	13.7		2.71		TAS				m_e	
GEC2	149.09		PKPbc	05:48:46.499		13.7		2.71		TAS				m_e	
GUNZ	147.90		PKPbc	05:48:43.701		13.7		2.71		TAS				m_e	
MANZ	148.30		PKPbc	05:48:44.697		13.7		2.71		TAS				m_e	
MOX	147.74		PKPbc	05:48:42.896	-0.1	13.7		2.71		TAS				m_e	
PLN	147.81		PKPbc	05:48:43.358	-0.5	13.7		2.71		TAS				m_e	
RJOB	150.33		PKPbc	05:48:49.288		13.7		2.71		TAS				m_e	
ROTZ	148.49		PKPbc	05:48:45.189		13.7		2.71		TAS				m_e	
RUE	145.61		PKPbc	05:48:36.623	0.0	13.7		2.71		TAS				m_e	
TANN	147.82		PKPbc	05:48:43.320	-0.2	13.7		2.71		TAS				m_e	
TNS	148.55		PKPbc	05:48:45.616		13.7		2.71		TAS				m_e	
UBR	150.85		PKPbc	05:48:50.837		13.7		2.71		TAS				m_e	
WERD	147.82		PKPbc	05:48:43.337		13.7		2.71		TAS				m_e	

WET 148.97 PKPbc 05:48:46.152 13.7 2.71 TAS m_e

Event 50606003 Cebu, Philippine Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/06/06 11:08:11.24 11.9480 123.0930 33.0 11 92.54 97.57 m i ke BGR
50606009

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 50606009

Table with 16 columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include BRG, CLL, CLZ, FBE, GEC2, GRA1, GUNZ, ROTZ, TNS, WERD, WLF.

Event 50607001 Fiji Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/06/07 02:31:57.45 -16.3600 -177.0550 33.0 14 145.17 148.21 m i ke BGR
50607007

Magnitude Err Nsta Author OrigID

Table with 16 columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include AHRW, BFO, FUR, GEC2, GRA1, MILB, RJOB, ROTZ, STU, TANN.

TNS	145.93	PKPbc	02:51:32.590	14.3	3.16	TAS	m_e
UBR	148.21	PKPbc	02:51:39.099	14.3	3.16	TAS	m_e
WERN	145.31	PKPbc	02:51:30.505	14.3	3.16	TAS	m_e
WET	146.31	PKPbc	02:51:33.855	14.3	3.16	TAS	m_e
WLF	146.68	PKPbc	02:51:35.626	14.3	3.16	TAS	m_e

Event 50607004 Northeast of Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/07	19:28:59.54			26.9830	125.3690				33.0			20		81.01	85.68	m i ke	BGR
OrigID 50607010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50607010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	81.80		P	19:41:13.895	-0.4	54.9		5.11		TAS		5.2	0.91	m_e mb	4.7
BSEG	81.92		P	19:41:14.792	-0.1	54.9		5.11		TAS		11.5	0.88	m_e mb	5.0
CLL	82.06		P	19:41:15.135	0.0	54.9		5.11		TAS		10.2	0.77	m_e mb	5.0
CLZ	83.11		P	19:41:21.210	-0.4	54.9		5.11		TAS		22.4	1.15	m_e mb	5.3
FBE	82.09		P	19:41:15.775	-0.1	54.9		5.11		TAS		12.6	1.05	m_e mb	5.0
FUR	84.76		P	19:41:29.721		54.9		5.11		TAS		35.8	0.99	m_e mb	5.6
GEC2	83.04		P	19:41:20.402	-0.2	54.9		5.11		TAS		4.1	0.66	m_e mb	4.8
GRA1	83.91		P	19:41:25.319		54.9		5.11		TAS		30.0	1.32	m_e mb	5.4
GTTG	83.49		P	19:41:22.990		54.9		5.11		TAS		14.2	0.98	m_e mb	5.2
GUNZ	82.94		P	19:41:19.946	0.2	54.9		5.11		TAS		10.3	0.76	m_e mb	5.1
IBBN	84.13		P	19:41:25.850		54.9		5.11		TAS		25.9	1.04	m_e mb	5.4
KAST	84.47		P	19:41:27.718		54.9		5.11		TAS		6.2	0.89	m_e mb	4.8
MOX	83.16		P	19:41:20.816		54.9		5.11		TAS		5.5	0.98	m_e mb	4.7
RJOB	84.16		P	19:41:26.400		54.9		5.11		TAS		37.1	0.96	m_e mb	5.6
ROTZ	83.34		P	19:41:22.328		54.9		5.11		TAS		12.8	1.13	m_e mb	5.1
RUE	81.01		P	19:41:10.113	0.1	54.9		5.11		TAS		13.3	0.65	m_e mb	5.1
STU	85.53		P	19:41:32.988		54.9		5.11		TAS		12.0	1.00	m_e mb	5.0
UBR	85.68		P	19:41:33.597		54.9		5.11		TAS		19.7	1.13	m_e mb	5.1
WERN	82.96		P	19:41:20.131	-0.2	54.9		5.11		TAS		8.3	0.74	m_e mb	5.0
WET	83.33		P	19:41:21.969		54.9		5.11		TAS		10.5	1.86	m_e mb	4.7

Event 50608001 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/08	06:01:08.11			41.8910	142.7260				33.0			24		76.19	81.56	m i ke	BGR
OrigID 50608007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50608007
Ms	5.8		BGR	50608007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	80.12		P	06:13:13.169		34.6		5.47		TAS		31.7	0.97	m_e	mb 5.2
BFO	81.56		P	06:13:20.608		34.6		5.47		TAS		122.4	1.89	m_e	mb 5.7
BRG	77.39		P	06:12:57.780	-0.1	34.6		5.47		TAS		21.2	0.92	m_e	mb 5.3
BSEG	76.19		P	06:12:51.580	0.1	34.6		5.47		TAS		61.1	0.80	m_e	mb 5.8
BUG	79.30		P	06:13:08.363		34.6		5.47		TAS		42.6	0.90	m_e	mb 5.5
CLL	77.39		P	06:12:57.620	-0.1	34.6		5.47		TAS		44.1	0.78	m_e	mb 5.7
CLZ	77.90		P	06:13:01.148	0.2	34.6		5.47		TAS		58.4	0.79	m_e	mb 5.8
FBE	77.57		P	06:12:59.223	0.0	34.6		5.47		TAS		33.1	0.84	m_e	mb 5.5
FLT1	77.19		P	06:12:56.497	0.2	34.6		5.47		TAS		65.7	0.79	m_e	mb 5.8
FUR	80.61		P	06:13:15.690		34.6		5.47		TAS		80.7	0.72	m_e	mb 5.8
GEC2	79.12		P	06:13:07.451		34.6		5.47		TAS		18.5	0.74	m_e	mb 5.2
GRA1	79.37		P	06:13:09.379		34.6		5.47		TAS		74.5	0.87	m_e	mb 5.7
GRA1	79.37		L	06:51:22.153						T__		5028.0	20.10	a_e	Ms 5.9
GRA4	79.39		P	06:13:09.405		34.6		5.47		TAS				m_e	
GTTG	78.29		P	06:13:03.179	-0.1	34.6		5.47		TAS		42.1	0.86	m_e	mb 5.6
GUNZ	78.41		P	06:13:03.660	0.5	34.6		5.47		TAS		19.1	0.82	m_e	mb 5.3
KAST	79.11		P	06:13:07.562		34.6		5.47		TAS		26.3	0.89	m_e	mb 5.3
MOX	78.44		P	06:13:03.767	0.2	34.6		5.47		TAS		21.9	0.92	m_e	mb 5.3
MOX	78.44		L	06:50:43.503						T__		4664.6	19.50	a_e	Ms 5.8
PLN	78.37		P	06:13:03.457	-0.0	34.6		5.47		TAS		17.2	0.95	m_e	mb 5.2
ROTZ	78.94		P	06:13:06.813	-0.3	34.6		5.47		TAS		24.7	0.90	m_e	mb 5.2
STU	80.87		P	06:13:17.129		34.6		5.47		TAS		61.2	0.81	m_e	mb 5.7
TANN	78.32		P	06:13:03.072	0.1	34.6		5.47		TAS		12.8	1.05	m_e	mb 5.0
TNS	79.92		P	06:13:11.298		34.6		5.47		TAS		25.1	0.96	m_e	mb 5.1
WERD	78.35		P	06:13:03.183	0.3	34.6		5.47		TAS		20.2	0.92	m_e	mb 5.2
WERN	78.45		P	06:13:04.147	-0.0	34.6		5.47		TAS		23.6	0.81	m_e	mb 5.4
WET	79.19		P	06:13:08.256		34.6		5.47		TAS		33.4	0.90	m_e	mb 5.4

Event 50608003 Carlsberg Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/08	10:47:17.79			-2.9400	68.2680				24.5	1.3		19		69.86	75.59	m i ke	BGR
				OrigID													
				50608009													

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50608009
Ms	4.3		BGR	50608009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	73.15		pP	10:58:54.675	-0.2	119.1		6.21		TAS				m_e	
BFO	72.79		P	10:58:45.411		118.1		6.01		TAS		26.7	1.23	m_e	mb 5.2

BFO	72.79	pP	10:58:52.476	0.1	119.1	6.21	TAS			m_e	
BRG	70.75	P	10:58:33.173	0.2	118.1	6.01	TAS	25.2	1.53	m_e mb	5.1
BRG	70.75	pP	10:58:40.104	-0.1	119.1	6.21	TAS			m_e	
BSEG	74.20	P	10:58:53.633		118.1	6.01	TAS	17.5	1.41	m_e mb	4.9
BSEG	74.20	pP	10:59:00.731		119.1	6.21	TAS			m_e	
BUG	74.73	P	10:58:57.073		118.1	6.01	TAS	11.4	1.12	m_e mb	4.8
BUG	74.73	pP	10:59:04.379		119.1	6.21	TAS			m_e	
CLL	71.49	P	10:58:37.802	-0.2	118.1	6.01	TAS	31.4	1.19	m_e mb	5.3
CLL	71.49	pP	10:58:44.864	-0.2	119.1	6.21	TAS			m_e	
CLZ	73.18	P	10:58:48.357		118.1	6.01	TAS	22.6	1.16	m_e mb	5.2
CLZ	73.18	pP	10:58:55.191	-0.3	119.1	6.21	TAS			m_e	
FBE	71.10	P	10:58:35.661	0.5	118.1	6.01	TAS	31.8	1.21	m_e mb	5.3
FBE	71.10	pP	10:58:42.490	-0.3	119.1	6.21	TAS			m_e	
FLT1	72.94	P	10:58:46.228		118.1	6.01	TAS	34.3	1.63	m_e mb	5.2
FLT1	72.94	pP	10:58:53.119	0.2	119.1	6.21	TAS			m_e	
FUR	70.95	pP	10:58:40.819	0.2	119.1	6.21	TAS			m_e	
GEC2	69.86	pP	10:58:33.391	-1.0	119.1	6.21	TAS			m_e	
GRA1	71.70	P	10:58:38.702	0.3	118.1	6.01	TAS	70.1	1.27	m_e mb	5.6
GRA1	71.70	pP	10:58:45.572	0.2	119.1	6.21	TAS			m_e	
GRA1	71.70	L	11:32:01.718				T__	174.4	19.60	a_e Ms	4.3
GTTG	73.27	pP	10:58:55.913	0.9	119.1	6.21	TAS			m_e	
GUNZ	71.39	P	10:58:37.370	0.1	118.1	6.01	TAS	19.5	1.16	m_e mb	5.1
GUNZ	71.39	pP	10:58:44.449	0.6	119.1	6.21	TAS			m_e	
HLG	75.59	pP	10:59:11.050		119.1	6.21	TAS			m_e	
KAST	73.98	P	10:58:53.135		118.1	6.01	TAS	15.7	1.29	m_e mb	4.9
KAST	73.98	pP	10:58:59.843		119.1	6.21	TAS			m_e	
MILB	72.87	pP	10:58:52.562	-0.2	119.1	6.21	TAS			m_e	
MOX	71.93	P	10:58:40.593	-0.4	118.1	6.01	TAS	14.8	1.11	m_e mb	5.0
MOX	71.93	pP	10:58:47.401	-0.1	119.1	6.21	TAS			m_e	
MOX	71.93	L	11:32:34.553				T__	128.0	18.80	a_e Ms	4.2
NEUB	72.10	pP	10:58:48.781	-0.3	119.1	6.21	TAS			m_e	
NRDL	73.63	P	10:58:50.974		118.1	6.01	TAS	23.8	1.32	m_e mb	5.1
NRDL	73.63	pP	10:58:58.050		119.1	6.21	TAS			m_e	
ROTZ	71.17	P	10:58:35.351	0.0	118.1	6.01	TAS	21.1	1.59	m_e mb	5.0
ROTZ	71.17	pP	10:58:42.246	0.5	119.1	6.21	TAS			m_e	
RUE	71.67	pP	10:58:46.028	-0.6	119.1	6.21	TAS			m_e	
TNS	73.53	P	10:58:50.224		118.1	6.01	TAS	46.2	1.64	m_e mb	5.3
TNS	73.53	pP	10:58:57.324		119.1	6.21	TAS			m_e	
UBBA	72.91	P	10:58:46.673		118.1	6.01	TAS	29.9	1.49	m_e mb	5.2
UBBA	72.91	pP	10:58:53.307	-0.8	119.1	6.21	TAS			m_e	
UBR	71.43	P	10:58:37.479	0.3	118.1	6.01	TAS	84.7	1.32	m_e mb	5.7
UBR	71.43	pP	10:58:44.374	0.3	119.1	6.21	TAS			m_e	
WERD	71.44	P	10:58:38.055	-0.3	118.1	6.01	TAS			m_e	
WERN	71.33	P	10:58:37.124	0.1	118.1	6.01	TAS	54.0	1.28	m_e mb	5.5
WERN	71.33	pP	10:58:44.122	0.5	119.1	6.21	TAS			m_e	
WET	70.48	pP	10:58:38.513	0.0	119.1	6.21	TAS			m_e	
WLF	74.65	pP	10:59:03.669		119.1	6.21	TAS			m_e	

Event 50608005 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/08	13:24:28.10			47.3200	151.3220				33.0			29		75.03	79.52	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50608011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.76		P	13:36:20.059		26.5		5.62		TAS		27.2	1.18	m_e mb	5.3
ASSE	75.36		P	13:36:06.503	0.2	26.5		5.62		TAS		11.8	1.07	m_e mb	4.8
BFO	79.44		P	13:36:29.068		26.5		5.62		TAS		16.5	0.95	m_e mb	5.0
BRG	75.54		P	13:36:07.287	-0.1	26.5		5.62		TAS		7.5	1.00	m_e mb	4.8
BUG	76.89		P	13:36:15.053	-0.1	26.5		5.62		TAS		18.4	1.06	m_e mb	5.1
CLL	75.43		P	13:36:06.534	-0.1	26.5		5.62		TAS		22.6	1.18	m_e mb	5.1
CLZ	75.70		P	13:36:08.900	-0.1	26.5		5.62		TAS		22.3	1.21	m_e mb	5.2
FBE	75.67		P	13:36:08.382	-0.1	26.5		5.62		TAS		12.1	0.84	m_e mb	5.1
FLT1	75.03		P	13:36:04.272	0.1	26.5		5.62		TAS		16.1	0.90	m_e mb	5.1
FUR	78.74		P	13:36:25.741		26.5		5.62		TAS		28.1	0.61	m_e mb	5.5
GEC2	77.40		P	13:36:17.942	-0.5	26.5		5.62		TAS		7.7	0.92	m_e mb	4.8
GRA1	77.39		P	13:36:18.297	0.2	26.5		5.62		TAS		29.5	0.72	m_e mb	5.5
GTTG	76.08		P	13:36:10.775	-0.2	26.5		5.62		TAS		26.2	1.29	m_e mb	5.2
GUNZ	76.47		P	13:36:12.832	0.3	26.5		5.62		TAS		9.2	0.82	m_e mb	5.0
IBBN	75.97		P	13:36:10.083	0.1	26.5		5.62		TAS		22.1	0.79	m_e mb	5.3
KAST	76.81		P	13:36:14.899	0.1	26.5		5.62		TAS		15.2	1.01	m_e mb	5.1
MILB	77.82		P	13:36:20.206		26.5		5.62		TAS		24.2	0.80	m_e mb	5.4
MOX	76.42		P	13:36:12.500	0.3	26.5		5.62		TAS		19.7	1.24	m_e mb	5.1
NRDL	75.19		P	13:36:05.424	0.2	26.5		5.62		TAS		9.1	0.94	m_e mb	4.8
PLN	76.41		P	13:36:12.376	0.1	26.5		5.62		TAS		9.9	1.08	m_e mb	4.9
RJOB	78.66		P	13:36:25.485		26.5		5.62		TAS		60.2	1.11	m_e mb	5.5
ROTZ	77.03		P	13:36:16.037	0.4	26.5		5.62		TAS		12.9	0.95	m_e mb	5.0
TANN	76.38		P	13:36:12.240	0.3	26.5		5.62		TAS		4.6	0.80	m_e mb	4.7
TNS	77.69		P	13:36:19.687		26.5		5.62		TAS		19.2	0.91	m_e mb	5.2
UBBA	76.72		P	13:36:14.049	0.1	26.5		5.62		TAS		11.4	1.10	m_e mb	4.9
UBR	79.52		P	13:36:29.423		26.5		5.62		TAS		9.0	1.15	m_e mb	4.6
WERD	76.40		P	13:36:12.319	0.0	26.5		5.62		TAS		10.4	1.16	m_e mb	4.9
WERN	76.52		P	13:36:13.297	-0.0	26.5		5.62		TAS		13.0	0.95	m_e mb	5.0
WET	77.39		P	13:36:18.277	-0.4	26.5		5.62		TAS		19.7	1.00	m_e mb	5.2

Event 50608006 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/08	15:01:03.47			-16.9730	-172.2890				33.0			12		145.49	149.04	m i ke	BGR

50608012

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	148.72		PKPbc	15:20:47.131		13.7		2.96		TAS				m_e		
CLL	145.49		PKPbc	15:20:36.964	-0.1	13.7		2.96		TAS				m_e		
GEC2	147.84		PKPbc	15:20:44.262		13.7		2.96		TAS				m_e		
GRA1	147.24		PKPbc	15:20:42.746		13.7		2.96		TAS				m_e		
GUNZ	146.49		PKPbc	15:20:41.630		13.7		2.96		TAS				m_e		
MILB	147.20		PKPbc	15:20:42.565		13.7		2.96		TAS				m_e		
MOX	146.26		PKPbc	15:20:39.984		13.7		2.96		TAS				m_e		
PLN	146.38		PKPbc	15:20:40.545		13.7		2.96		TAS				m_e		
RJOB	149.04		PKPbc	15:20:47.919		13.7		2.96		TAS				m_e		
ROTZ	147.09		PKPbc	15:20:42.203		13.7		2.96		TAS				m_e		
TNS	146.83		PKPbc	15:20:41.248		13.7		2.96		TAS				m_e		
WLF	147.37		PKPbc	15:20:43.639		13.7		2.96		TAS				m_e		

Event 50608008 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2015/06/08	22:20:45.40			34.2500	26.2500				46.0			25		17.31	22.67	m i ke	EMSC
50608040																	

Magnitude Err Nsta Author OrigID
mb 4.4 BGR 50608014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	21.47		P	22:25:30.303		138.7		10.76		TAS		26.8	0.93	m_e mb	4.6	
BFO	19.41		P	22:25:07.906	-0.6	138.7		10.76		TAS		31.6	1.36	m_e mb	4.4	
BRG	18.88		P	22:25:01.931	0.8	138.7		10.76		TAS		15.5	1.41	m_e mb	4.0	
BSEG	22.67		P	22:25:42.392		138.7		10.76		TAS		58.1	1.71	m_e mb	4.8	
BUG	22.00		P	22:25:35.623		138.7		10.76		TAS		33.2	1.12	m_e mb	4.7	
CLL	19.57		P	22:25:09.198	1.6	138.7		10.76		TAS		18.8	1.23	m_e mb	4.2	
CLZ	20.99		P	22:25:24.293	-0.9	138.7		10.76		TAS		12.4	1.07	m_e mb	4.2	
FBE	19.13		P	22:25:05.315	-0.3	138.7		10.76		TAS		15.1	0.83	m_e mb	4.3	
FLT1	21.04		P	22:25:24.181		138.7		10.76		TAS		24.0	1.25	m_e mb	4.4	
FUR	17.85		P	22:24:50.462	0.1	138.7		10.76		TAS		91.6	1.78	m_e mb	4.6	
GEC2	17.31		P	22:24:44.857	-0.7	138.7		10.76		TAS		13.1	1.11	m_e mb	4.0	
GRA1	18.99		P	22:25:03.705	1.2	138.7		10.76		TAS		41.5	1.29	m_e mb	4.5	
GTTG	20.92		P	22:25:24.284	-0.5	138.7		10.76		TAS		42.2	0.95	m_e mb	4.7	
IBBN	22.40		P	22:25:39.685		138.7		10.76		TAS		97.8	1.95	m_e mb	4.9	
KAST	21.32		P	22:25:28.426		138.7		10.76		TAS		40.9	1.78	m_e mb	4.5	
NEUB	19.93		P	22:25:13.555	-1.1	138.7		10.76		TAS		37.9	1.17	m_e mb	4.5	
NRDL	21.60		P	22:25:30.656		138.7		10.76		TAS		38.1	1.25	m_e mb	4.7	
PLN	19.22		P	22:25:05.503	2.8	138.7		10.76		TAS		10.5	0.84	m_e mb	4.1	

RUE	20.30	P	22:25:18.425	-0.8	138.7	10.76	TAS	51.5	1.36	m_e	mb	4.6
TANN	19.05	P	22:25:04.606	-0.1	138.7	10.76	TAS	25.7	1.10	m_e	mb	4.4
TNS	20.62	P	22:25:21.202	0.3	138.7	10.76	TAS	64.7	1.46	m_e	mb	4.7
UBR	18.08	P	22:24:53.031	-1.2	138.7	10.76	TAS	35.9	0.96	m_e	mb	4.5
WERN	18.98	P	22:25:03.937	0.4	138.7	10.76	TAS	22.9	1.27	m_e	mb	4.3
WET	17.88	P	22:24:50.601	-0.2	138.7	10.76	TAS	15.1	1.24	m_e	mb	4.0
WLF	21.36	P	22:25:29.385	0.2	138.7	10.76	TAS	31.0	0.92	m_e	mb	4.6

Event 50609001 Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/09	01:09:03.10			38.6500	23.4000				8.0			14		11.92	17.08	m i ke	EMSC
50609033																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50609007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	16.58		P	01:12:58.702		138.2		10.97		TAS		60.1	1.48	m_e	mb	4.5
BFO	14.58		Pn	01:12:27.100		137.7		13.31		TAS				m_e		
BUG	17.08		P	01:13:04.496		138.2		10.97		TAS	129.9	1.63		m_e	mb	4.8
CLL	14.62		P	01:12:37.106		138.2		10.97		TAS				m_e		
CLZ	16.03		P	01:12:52.616		138.2		10.97		TAS	79.4	1.79		m_e	mb	4.5
FBE	14.17		Pn	01:12:23.708	0.5	137.7		13.31		TAS				m_e		
FLT1	16.09		P	01:12:53.008		138.2		10.97		TAS	46.5	1.09		m_e	mb	4.5
FUR	12.95		Pn	01:12:05.533	-0.8	137.7		13.31		TAS				m_e		
GEC2	12.36		Pn	01:11:59.369	0.3	137.7		13.31		TAS				m_e		
GRA1	14.06		Pn	01:12:20.221	1.7	137.7		13.31		TAS				m_e		
GRA1	14.06		P	01:12:31.318	-0.5	138.2		10.97		TAS				m_e		
GTTG	15.97		P	01:12:52.732		138.2		10.97		TAS	72.5	1.07		m_e	mb	4.7
GUNZ	14.10		P	01:12:32.216	0.2	138.2		10.97		TAS				m_e		
MILB	15.04		Pn	01:12:33.314		137.7		13.31		TAS				m_e		
MILB	15.04		P	01:12:41.666		138.2		10.97		TAS				m_e		
MOX	14.61		Pn	01:12:29.424		137.7		13.31		TAS				m_e		
NEUB	14.98		P	01:12:41.738		138.2		10.97		TAS				m_e		
PLN	14.27		P	01:12:33.721		138.2		10.97		TAS				m_e		
RJOB	11.92		Pn	01:11:52.988	-0.1	137.7		13.31		TAS				m_e		
ROTZ	13.69		Pn	01:12:16.206	-0.6	137.7		13.31		TAS				m_e		
STU	14.39		Pn	01:12:25.660		137.7		13.31		TAS				m_e		
TANN	14.09		Pn	01:12:22.534	0.8	137.7		13.31		TAS				m_e		
TNS	15.71		Pn	01:12:42.624		137.7		13.31		TAS				m_e		
TNS	15.71		P	01:12:49.690		138.2		10.97		TAS	104.7	1.64		m_e	mb	4.7
UBR	13.23		Pn	01:12:09.873	1.1	137.7		13.31		TAS				m_e		
WET	12.93		Pn	01:12:05.353	-1.4	137.7		13.31		TAS				m_e		

Event 50609002 Ethiopia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/09	02:22:41.37			15.6150	39.5080				12.5			19		39.30	44.51	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50609008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	43.54		P	02:30:46.754		136.0		8.23		TAS		35.8	1.46	m_e mb	4.9
ASSE	43.03		P	02:30:41.376		136.0		8.23		TAS		9.1	0.89	m_e mb	4.5
BRG	40.74		P	02:30:23.006	0.2	136.0		8.23		TAS		16.0	1.13	m_e mb	4.6
BSEG	44.51		P	02:30:53.774		136.0		8.23		TAS		27.0	1.46	m_e mb	5.0
CLL	41.45		P	02:30:28.684	0.8	136.0		8.23		TAS		8.7	0.86	m_e mb	4.5
FBE	41.02		P	02:30:25.286	-0.1	136.0		8.23		TAS		11.1	1.16	m_e mb	4.5
FLT1	42.95		P	02:30:40.427		136.0		8.23		TAS		8.3	0.88	m_e mb	4.5
GEC2	39.30		P	02:30:11.474	-0.4	136.0		8.23		TAS		28.9	1.46	m_e mb	4.7
GRA1	41.02		P	02:30:24.870	0.2	136.0		8.23		TAS		26.4	1.68	m_e mb	4.7
GRA1	41.02		pP	02:30:28.185						T__				m_e	
GTTG	42.91		P	02:30:40.624		136.0		8.23		TAS		9.1	0.85	m_e mb	4.5
GUNZ	41.02		P	02:30:25.503	-0.2	136.0		8.23		TAS		25.3	1.69	m_e mb	4.7
MILB	42.01		P	02:30:33.332		136.0		8.23		TAS		15.4	0.75	m_e mb	4.8
MOX	41.54		P	02:30:29.397	-0.1	136.0		8.23		TAS		9.0	1.02	m_e mb	4.4
NRDL	43.54		P	02:30:45.808		136.0		8.23		TAS		13.1	1.06	m_e mb	4.6
PLN	41.19		P	02:30:26.862	-0.3	136.0		8.23		TAS		27.7	1.48	m_e mb	4.8
RUE	42.05		P	02:30:33.450		136.0		8.23		TAS		17.5	0.88	m_e mb	4.8
TANN	41.01		P	02:30:25.156	0.0	136.0		8.23		TAS		19.8	1.43	m_e mb	4.6
WERD	41.10		P	02:30:26.038	0.4	136.0		8.23		TAS		19.2	1.14	m_e mb	4.7
WET	39.88		P	02:30:15.562	-0.5	136.0		8.23		TAS		17.5	1.56	m_e mb	4.5

Event 50609003 Norwegian Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/09	17:28:27.63			72.8980	10.5520				10.0			22		19.04	24.67	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50609009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	24.67		P	17:33:48.308		359.5		10.09		TAS		27.6	1.01	m_e mb	4.9
BRG	22.16		P	17:33:22.606	0.3	359.5		10.09		TAS		31.6	1.80	m_e mb	4.4
BSEG	19.04		P	17:32:52.244	0.3	359.5		10.09		TAS		46.9	1.51	m_e mb	4.5

CLL	21.70	P	17:33:18.477	0.1	359.5	10.09	TAS	28.4	1.90	m_e	mb	4.4
FBE	22.09	P	17:33:22.338	-0.4	359.5	10.09	TAS	33.4	1.31	m_e	mb	4.6
FLT1	20.65	P	17:33:07.091	0.1	359.5	10.09	TAS	56.8	1.52	m_e	mb	4.7
GEC2	24.18	P	17:33:42.689		359.5	10.09	TAS	15.6	1.16	m_e	mb	4.4
GRA1	23.29	P	17:33:34.872		359.5	10.09	TAS	30.0	1.29	m_e	mb	4.7
GUNZ	22.63	P	17:33:27.954		359.5	10.09	TAS	24.4	1.29	m_e	mb	4.6
KAST	21.80	P	17:33:19.077	0.2	359.5	10.09	TAS	41.8	1.39	m_e	mb	4.7
MILB	23.16	P	17:33:32.534		359.5	10.09	TAS	13.0	0.90	m_e	mb	4.5
MOX	22.34	P	17:33:25.006	-0.3	359.5	10.09	TAS	47.9	1.62	m_e	mb	4.7
NEUB	21.79	P	17:33:19.961	0.1	359.5	10.09	TAS	50.1	1.27	m_e	mb	4.8
NRDL	20.48	P	17:33:05.411	0.5	359.5	10.09	TAS	44.1	1.33	m_e	mb	4.5
PLN	22.50	P	17:33:26.572	0.5	359.5	10.09	TAS	29.9	1.38	m_e	mb	4.6
ROTZ	23.22	P	17:33:33.446		359.5	10.09	TAS	11.1	0.94	m_e	mb	4.4
TANN	22.58	P	17:33:27.560		359.5	10.09	TAS	19.2	1.29	m_e	mb	4.5
TNS	22.78	P	17:33:28.809		359.5	10.09	TAS	15.4	1.15	m_e	mb	4.4
UBBA	22.16	P	17:33:22.500	-0.4	359.5	10.09	TAS	37.2	1.80	m_e	mb	4.5
WERD	22.54	P	17:33:26.892		359.5	10.09	TAS	22.1	1.17	m_e	mb	4.6
WERN	22.71	P	17:33:28.732		359.5	10.09	TAS	48.2	1.55	m_e	mb	4.8
WET	23.86	P	17:33:39.785		359.5	10.09	TAS	22.0	1.32	m_e	mb	4.5

Event 50609004 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/09	18:45:00.87			41.5590	141.0620				33.0			9		79.03	79.03	m i ke	BGR
OrigID 50609010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50609010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	79.03		P	18:57:00.308		33.2		4.59		TAS		8.7	0.95	m_e	mb	4.8

Event 50609005 Norwegian Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/09	19:24:10.08			73.2540	10.1120				10.0			31		19.40	25.66	m i ke	BGR
OrigID 50609011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50609011
Ms	4.2		BGR	50609011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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AHRW	22.83	P	19:29:12.824	0.3	359.2	9.82	TAS	587.2	2.27	m_e	mb	5.7
ASSE	21.21	P	19:28:56.402	0.3	359.2	9.82	TAS	148.8	1.63	m_e	mb	5.1
BFO	25.02	P	19:29:33.707		359.2	9.82	TAS	64.0	0.98	m_e	mb	5.3
BRG	22.52	P	19:29:09.891	0.6	359.2	9.82	TAS	373.6	2.35	m_e	mb	5.5
BSEG	19.40	P	19:28:37.252	0.3	359.2	9.82	TAS	625.9	2.19	m_e	mb	5.5
BUG	21.93	P	19:29:03.511	0.4	359.2	9.82	TAS	136.0	1.48	m_e	mb	5.2
CLL	22.06	P	19:29:05.526	0.6	359.2	9.82	TAS	211.4	2.25	m_e	mb	5.2
CLZ	21.49	P	19:28:59.926	0.5	359.2	9.82	TAS	98.4	1.46	m_e	mb	4.9
FBE	22.46	P	19:29:09.586	0.5	359.2	9.82	TAS	730.2	2.63	m_e	mb	5.6
FLT1	21.01	P	19:28:54.044	0.6	359.2	9.82	TAS	253.9	1.85	m_e	mb	5.2
GEC2	24.55	P	19:29:29.711		359.2	9.82	TAS	193.2	2.33	m_e	mb	5.4
GRA1	23.65	P	19:29:20.903	-1.5	359.2	9.82	TAS	398.2	2.30	m_e	mb	5.5
GRA1	23.65	L	19:40:54.608				T__	783.0	18.60	a_e	Ms	4.2
GTTG	21.79	P	19:29:02.815	0.3	359.2	9.82	TAS	229.0	2.14	m_e	mb	5.2
GUNZ	22.99	P	19:29:14.835	-0.2	359.2	9.82	TAS	452.3	2.20	m_e	mb	5.6
IBBN	21.05	P	19:28:54.963	0.1	359.2	9.82	TAS	129.2	1.47	m_e	mb	5.0
KAST	22.15	P	19:29:06.201	0.5	359.2	9.82	TAS	724.9	2.68	m_e	mb	5.6
MOX	22.70	P	19:29:11.991	0.5	359.2	9.82	TAS	568.2	2.30	m_e	mb	5.7
MOX	22.70	L	19:40:15.543				T__	771.2	18.20	a_e	Ms	4.2
NEUB	22.15	P	19:29:06.726	0.2	359.2	9.82	TAS	152.1	1.41	m_e	mb	5.2
NRDL	20.84	P	19:28:52.815	-0.7	359.2	9.82	TAS	843.5	2.35	m_e	mb	5.7
PLN	22.87	P	19:29:13.850	0.4	359.2	9.82	TAS	704.6	2.86	m_e	mb	5.7
RJOB	25.63	P	19:29:39.067		359.2	9.82	TAS	1019.0	2.51	m_e	mb	6.0
ROTZ	23.59	P	19:29:20.373	-0.2	359.2	9.82	TAS	112.0	1.77	m_e	mb	5.1
RUE	20.92	P	19:28:53.659	0.1	359.2	9.82	TAS	623.7	2.36	m_e	mb	5.5
STU	24.57	P	19:29:29.219		359.2	9.82	TAS	245.5	2.14	m_e	mb	5.6
TANN	22.94	P	19:29:14.550	-0.1	359.2	9.82	TAS	518.0	2.46	m_e	mb	5.6
TNS	23.13	P	19:29:15.757	0.1	359.2	9.82	TAS	173.8	1.94	m_e	mb	5.3
UBBA	22.52	P	19:29:10.273	1.1	359.2	9.82	TAS	465.9	2.45	m_e	mb	5.6
UBR	25.66	P	19:29:39.260		359.2	9.82	TAS	164.8	2.13	m_e	mb	5.3
WERD	22.91	P	19:29:14.371	0.6	359.2	9.82	TAS	710.0	2.87	m_e	mb	5.7
WERN	23.07	P	19:29:15.880	-0.6	359.2	9.82	TAS	452.9	2.16	m_e	mb	5.6
WET	24.23	P	19:29:27.038		359.2	9.82	TAS	111.6	2.00	m_e	mb	5.0

Event 50609006 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/09	21:49:48.50			34.9600	26.6800				25.0			34		16.45	22.18	m i ke	EMSC
	50609038																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50609012
Ms	5.0		BGR	50609012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	21.11		P	21:54:29.613	-1.0	136.1		11.00		TAS		201.2	1.23	m_e	mb	5.3

ASSE	20.64	P	21:54:23.979	-1.0	136.1	11.00	TAS	60.0	1.00	m_e	mb	4.9
BFO	19.08	P	21:54:08.024	1.4	136.1	11.00	TAS	101.6	0.96	m_e	mb	5.0
BRG	18.39	P	21:54:00.190	1.2	136.1	11.00	TAS	83.1	0.83	m_e	mb	4.9
BSEG	22.18	P	21:54:40.511		136.1	11.00	TAS	99.1	1.08	m_e	mb	5.2
BUG	21.61	P	21:54:35.196	-0.6	136.1	11.00	TAS	147.2	1.03	m_e	mb	5.4
CLL	19.09	P	21:54:07.419	0.6	136.1	11.00	TAS	72.2	0.74	m_e	mb	5.0
CLZ	20.54	P	21:54:22.692	-1.7	136.1	11.00	TAS	98.3	0.97	m_e	mb	5.1
FBE	18.65	P	21:54:03.959	1.9	136.1	11.00	TAS	131.0	0.72	m_e	mb	5.3
FLT1	20.57	P	21:54:21.625	-0.4	136.1	11.00	TAS	86.1	0.81	m_e	mb	5.1
FUR	17.47	P	21:53:49.484	-0.6	136.1	11.00	TAS	173.6	1.03	m_e	mb	5.1
GEC2	16.87	P	21:53:41.575	-1.9	136.1	11.00	TAS			m_e		
GRA1	18.58	P	21:54:02.268	-0.2	136.1	11.00	TAS	213.3	1.20	m_e	mb	5.2
GRA1	18.58	L	22:02:17.642				T__	5607.5	19.10	a_e	Ms	4.9
GTTG	20.49	P	21:54:22.670	-0.5	136.1	11.00	TAS	254.8	1.29	m_e	mb	5.3
GUNZ	18.61	P	21:54:02.901	0.5	136.1	11.00	TAS	172.7	1.49	m_e	mb	5.1
IBBN	21.98	P	21:54:39.256		136.1	11.00	TAS	93.2	0.95	m_e	mb	5.2
KAST	20.92	P	21:54:27.127	0.8	136.1	11.00	TAS	80.8	1.09	m_e	mb	5.0
MILB	19.57	P	21:54:13.898	0.7	136.1	11.00	TAS	132.5	0.85	m_e	mb	5.2
MOX	19.12	P	21:54:08.939	0.8	136.1	11.00	TAS	91.8	1.38	m_e	mb	4.8
MOX	19.12	L	22:03:01.552				T__	9199.4	18.20	a_e	Ms	5.1
NEUB	19.48	P	21:54:12.305	0.6	136.1	11.00	TAS	147.0	1.09	m_e	mb	5.1
NRDL	21.14	P	21:54:28.955	-0.5	136.1	11.00	TAS	56.3	1.09	m_e	mb	4.8
PLN	18.78	P	21:54:04.063	-0.2	136.1	11.00	TAS	122.8	1.03	m_e	mb	5.1
RJOB	16.45	P	21:53:36.491	-2.4	136.1	11.00	TAS			m_e		
ROTZ	18.21	P	21:53:57.665	-0.5	136.1	11.00	TAS	35.8	0.83	m_e	mb	4.5
RUE	19.78	P	21:54:15.080	2.2	136.1	11.00	TAS	169.2	1.04	m_e	mb	5.2
STU	18.91	P	21:54:07.780	2.3	136.1	11.00	TAS	117.6	0.80	m_e	mb	5.2
TANN	18.60	P	21:54:02.119	-0.1	136.1	11.00	TAS	149.8	1.34	m_e	mb	5.0
TNS	20.24	P	21:54:20.190	-0.3	136.1	11.00	TAS	111.8	0.97	m_e	mb	5.1
UBBA	19.94	P	21:54:16.825	-0.5	136.1	11.00	TAS	171.1	1.78	m_e	mb	5.0
UBR	17.74	P	21:53:53.221	1.0	136.1	11.00	TAS	107.5	0.82	m_e	mb	5.0
WERD	18.69	P	21:54:03.020	-0.2	136.1	11.00	TAS	120.9	1.11	m_e	mb	5.0
WERN	18.53	P	21:54:02.183	0.6	136.1	11.00	TAS	56.6	0.81	m_e	mb	4.8
WET	17.45	P	21:53:48.769	-1.1	136.1	11.00	TAS			m_e		
WLF	21.03	P	21:54:29.003	-0.3	136.1	11.00	TAS	208.7	1.33	m_e	mb	5.3

Event 50610003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/10	03:01:33.75			-20.4040	-176.6510				33.0			3		146.10	150.43	m i ke	BGR
50610009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	148.47		PKPbc	03:21:17.046	-0.1	14.9		2.56		TAS				m_e	

BSEG	146.10	PKPbc	03:21:10.713	0.0	14.9	2.56	TAS	m_e
CLL	148.24	PKPbc	03:21:16.365	0.2	14.9	2.56	TAS	m_e
CLZ	148.15	PKPbc	03:21:16.516	0.0	14.9	2.56	TAS	m_e
FBE	148.54	PKPbc	03:21:17.613	-0.5	14.9	2.56	TAS	m_e
FLT1	147.55	PKPbc	03:21:14.360	-0.0	14.9	2.56	TAS	m_e
GEC2	150.43	PKPbc	03:21:21.668		14.9	2.56	TAS	m_e
GUNZ	149.27	PKPbc	03:21:19.218		14.9	2.56	TAS	m_e
KAST	149.01	PKPbc	03:21:18.584		14.9	2.56	TAS	m_e
MILB	150.26	PKPbc	03:21:21.581		14.9	2.56	TAS	m_e
MOX	149.12	PKPbc	03:21:18.615		14.9	2.56	TAS	m_e
PLN	149.18	PKPbc	03:21:18.969		14.9	2.56	TAS	m_e
ROTZ	149.86	PKPbc	03:21:20.523		14.9	2.56	TAS	m_e
TANN	149.19	PKPbc	03:21:18.862		14.9	2.56	TAS	m_e
TNS	149.97	PKPbc	03:21:20.900		14.9	2.56	TAS	m_e
WERD	149.19	PKPbc	03:21:18.907		14.9	2.56	TAS	m_e

Event 50610007 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/10	08:33:07.47		40.2200	143.6680				33.0				36		76.47	83.36	m i ke	BGR
OrigID 50610013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50610013
Ms	5.8		BGR	50610013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	81.94		P	08:45:21.912	0.4	34.8		5.33		TAS		40.5	1.20	m_e mb	5.4
ASSE	79.37		P	08:45:08.253	0.1	34.8		5.33		TAS		329.0	2.61	m_e mb	5.9
BFO	83.36		P	08:45:29.267		34.8		5.33		TAS		126.7	1.74	m_e mb	5.9
BRG	79.19		P	08:45:07.190	-0.4	34.8		5.33		TAS		35.5	1.15	m_e mb	5.3
BSEG	78.00		P	08:45:01.087	0.1	34.8		5.33		TAS		70.5	1.13	m_e mb	5.7
BUG	81.11		P	08:45:17.630	0.5	34.8		5.33		TAS		61.5	1.40	m_e mb	5.4
CLL	79.19		P	08:45:07.047	0.0	34.8		5.33		TAS		52.2	1.04	m_e mb	5.5
CLZ	79.71		P	08:45:10.472	-0.1	34.8		5.33		TAS		104.0	1.36	m_e mb	5.6
FBE	79.37		P	08:45:08.556	0.3	34.8		5.33		TAS		145.5	1.79	m_e mb	5.7
FLT1	79.00		P	08:45:05.897	-0.2	34.8		5.33		TAS		70.2	1.17	m_e mb	5.6
FUR	82.41		P	08:45:24.724	-0.3	34.8		5.33		TAS		54.5	0.85	m_e mb	5.7
GEC2	80.91		P	08:45:16.478	0.1	34.8		5.33		TAS		26.4	1.18	m_e mb	5.1
GRA1	81.17		P	08:45:18.497	0.1	34.8		5.33		TAS		91.8	1.15	m_e mb	5.7
GRA1	81.17		L	09:25:08.630						T__		2818.3	18.40	a_e Ms	5.7
GTTG	80.10		P	08:45:12.407	0.0	34.8		5.33		TAS		72.6	1.29	m_e mb	5.5
GUNZ	80.21		P	08:45:12.999	0.0	34.8		5.33		TAS		33.3	1.13	m_e mb	5.2
IBBN	80.21		P	08:45:12.805	0.0	34.8		5.33		TAS		61.5	1.06	m_e mb	5.5
KAST	80.92		P	08:45:16.707	0.4	34.8		5.33		TAS		29.1	1.27	m_e mb	5.2
LNIZ	77.00		P	08:44:55.566	-0.2	34.8		5.33		TAS		369.5	1.83	m_e mb	6.2

MILB	81.76	P	08:45:20.984	-0.1	34.8	5.33	TAS	33.5	1.14	m_e	mb	5.4
MOX	80.25	P	08:45:13.056	0.2	34.8	5.33	TAS	83.4	1.75	m_e	mb	5.4
MOX	80.25	L	09:24:30.605				T__	5590.9	18.40	a_e	Ms	5.9
NEUB	79.74	P	08:45:10.209	0.2	34.8	5.33	TAS	72.8	1.22	m_e	mb	5.5
NRDL	79.26	P	08:45:07.757	-0.1	34.8	5.33	TAS	106.9	1.91	m_e	mb	5.5
PLN	80.17	P	08:45:12.703	0.1	34.8	5.33	TAS	74.3	1.82	m_e	mb	5.3
RGN	76.47	P	08:44:52.554	-0.3	34.8	5.33	TAS	238.2	1.32	m_e	mb	6.2
RJOB	82.17	P	08:45:23.704	0.1	34.8	5.33	TAS	715.0	2.04	m_e	mb	6.4
ROTZ	80.74	P	08:45:16.036	-0.1	34.8	5.33	TAS	118.1	1.75	m_e	mb	5.6
RUE	77.97	P	08:45:00.750	-0.2	34.8	5.33	TAS	119.7	1.35	m_e	mb	5.8
SKMB	77.65	P	08:44:59.656	0.6	34.8	5.33	TAS	266.8	1.45	m_e	mb	6.2
STU	82.68	P	08:45:25.772	-0.4	34.8	5.33	TAS	63.3	1.07	m_e	mb	5.8
TANN	80.12	P	08:45:12.428	-0.1	34.8	5.33	TAS	31.8	1.40	m_e	mb	5.1
TNS	81.73	P	08:45:21.012	-0.1	34.8	5.33	TAS	35.6	1.27	m_e	mb	5.3
UBBA	80.69	P	08:45:15.142	0.3	34.8	5.33	TAS	33.8	1.36	m_e	mb	5.2
UBR	83.25	P	08:45:28.715		34.8	5.33	TAS	83.2	1.84	m_e	mb	5.7
WERD	80.15	P	08:45:12.429	0.0	34.8	5.33	TAS	76.6	1.72	m_e	mb	5.3
WERN	80.25	P	08:45:13.348	-0.2	34.8	5.33	TAS	43.0	1.22	m_e	mb	5.2
WET	80.99	P	08:45:17.447	0.1	34.8	5.33	TAS	57.3	1.32	m_e	mb	5.4

Event 50610009 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/10	10:15:58.85			-17.3220	-177.0000				600.0			37		142.35	149.17	m i ke	BGR
	50610015																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.70		PKPbc	10:34:34.192	0.2	14.5		2.76		TAS				m_e	
ASSE	144.75		PKPbc	10:34:28.743	0.1	14.5		2.76		TAS				m_e	
BFO	148.77		PKPbc	10:34:39.220		14.5		2.76		TAS				m_e	
BFO	148.77		PKPab	10:34:46.414		14.1		4.10		TAS				m_e	
BRG	145.40		PKPdf	10:34:28.300	0.1	17.9		1.62		TAS				m_e	
BRG	145.40		PKPbc	10:34:30.574	0.6	14.5		2.76		TAS				m_e	
BRG	145.40		PKPab	10:34:32.601	0.2	14.1		4.10		TAS				m_e	
BSEG	143.02		PKPbc	10:34:23.513	-0.3	14.5		2.76		TAS				m_e	
BUG	145.79		PKPdf	10:34:29.718	-0.1	17.9		1.62		TAS				m_e	
BUG	145.79		PKPbc	10:34:31.660	0.4	14.5		2.76		TAS				m_e	
CLL	145.17		PKPdf	10:34:27.501	0.3	17.9		1.62		TAS				m_e	
CLL	145.17		PKPbc	10:34:29.896	0.1	14.5		2.76		TAS				m_e	
CLZ	145.07		PKPdf	10:34:27.862	0.2	17.9		1.62		TAS				m_e	
CLZ	145.07		PKPbc	10:34:30.021	0.1	14.5		2.76		TAS				m_e	
CLZ	145.07		PKPab	10:34:31.587	-0.4	14.1		4.10		TAS				m_e	
FBE	145.47		PKPbc	10:34:31.185	0.3	14.5		2.76		TAS				m_e	
FBE	145.47		PKPab	10:34:33.248	-0.2	14.1		4.10		TAS				m_e	

FLT1	144.47	PKPdf	10:34:26.319	0.5	17.9	1.62	TAS	m_e
FLT1	144.47	PKPbc	10:34:27.675	0.0	14.5	2.76	TAS	m_e
FUR	148.50	PKPbc	10:34:38.697	-0.9	14.5	2.76	TAS	m_e
GEC2	147.37	PKPdf	10:34:31.087		17.9	1.62	TAS	m_e
GEC2	147.37	PKPbc	10:34:35.716	0.4	14.5	2.76	TAS	m_e
GRA1	147.03	PKPdf	10:34:30.815		17.9	1.62	TAS	m_e
GRA1	147.03	PKP	10:34:35.148				T__	m_e
GRA1	147.03	PKPab	10:34:39.684		14.1	4.10	TAS	m_e
GTTG	145.41	PKPbc	10:34:30.811	0.1	14.5	2.76	TAS	m_e
GTTG	145.41	PKPab	10:34:32.918		14.1	4.10	TAS	m_e
GUNZ	146.20	PKPdf	10:34:29.609		17.9	1.62	TAS	m_e
GUNZ	146.20	PKPbc	10:34:32.986	0.1	14.5	2.76	TAS	m_e
GUNZ	146.20	PKPab	10:34:36.044		14.1	4.10	TAS	m_e
HLG	143.02	PKPbc	10:34:23.851	-0.3	14.5	2.76	TAS	m_e
IBBN	144.89	PKPbc	10:34:29.385	0.5	14.5	2.76	TAS	m_e
KAST	145.92	PKPdf	10:34:29.038	-0.2	17.9	1.62	TAS	m_e
KAST	145.92	PKPbc	10:34:32.111	0.5	14.5	2.76	TAS	m_e
LNIZ	142.86	PKPbc	10:34:22.565	-0.4	14.5	2.76	TAS	m_e
MANZ	146.60	PKPdf	10:34:30.143		17.9	1.62	TAS	m_e
MANZ	146.60	PKPbc	10:34:33.938	0.2	14.5	2.76	TAS	m_e
MILB	147.18	PKPbc	10:34:35.558	-0.0	14.5	2.76	TAS	m_e
MILB	147.18	PKPab	10:34:39.700		14.1	4.10	TAS	m_e
MOX	146.05	PKPbc	10:34:32.307	0.3	14.5	2.76	TAS	m_e
MOX	146.05	PKPab	10:34:35.166		14.1	4.10	TAS	m_e
NEUB	145.49	PKPdf	10:34:28.490	0.0	17.9	1.62	TAS	m_e
NEUB	145.49	PKPbc	10:34:30.931	0.3	14.5	2.76	TAS	m_e
NRDL	144.46	PKPdf	10:34:26.606	-0.3	17.9	1.62	TAS	m_e
NRDL	144.46	PKPbc	10:34:27.891	0.1	14.5	2.76	TAS	m_e
PLN	146.11	PKPdf	10:34:29.272		17.9	1.62	TAS	m_e
PLN	146.11	PKPbc	10:34:32.571	-0.1	14.5	2.76	TAS	m_e
RJOB	148.62	PKPbc	10:34:38.559	-0.5	14.5	2.76	TAS	m_e
RJOB	148.62	PKPab	10:34:46.347		14.1	4.10	TAS	m_e
ROTZ	146.79	PKPdf	10:34:30.282		17.9	1.62	TAS	m_e
ROTZ	146.79	PKPbc	10:34:34.474	-0.1	14.5	2.76	TAS	m_e
RUE	143.91	PKPbc	10:34:26.045	-0.2	14.5	2.76	TAS	m_e
SKMB	142.35	PKPbc	10:34:21.585	-0.8	14.5	2.76	TAS	m_e
STU	148.23	PKPbc	10:34:38.194	-0.2	14.5	2.76	TAS	m_e
TANN	146.12	PKPdf	10:34:29.253		17.9	1.62	TAS	m_e
TANN	146.12	PKPbc	10:34:32.690	0.3	14.5	2.76	TAS	m_e
TNS	146.89	PKPdf	10:34:30.677		17.9	1.62	TAS	m_e
TNS	146.89	PKPbc	10:34:34.814	-0.2	14.5	2.76	TAS	m_e
UBBA	146.12	PKPbc	10:34:32.403	0.2	14.5	2.76	TAS	m_e
UBR	149.17	PKPdf	10:34:34.085		17.9	1.62	TAS	m_e
UBR	149.17	PKPbc	10:34:39.900		14.5	2.76	TAS	m_e
WERD	146.12	PKPbc	10:34:32.686	0.2	14.5	2.76	TAS	m_e
WERD	146.12	PKPab	10:34:35.532		14.1	4.10	TAS	m_e
WERN	146.26	PKPdf	10:34:29.780		17.9	1.62	TAS	m_e
WERN	146.26	PKPbc	10:34:33.228	0.0	14.5	2.76	TAS	m_e
WERN	146.26	PKPab	10:34:36.383		14.1	4.10	TAS	m_e

WET	147.26	PKPbc	10:34:35.485	0.2	14.5	2.76	TAS	m_e
WET	147.26	PKPab	10:34:40.502		14.1	4.10	TAS	m_e
WLF	147.64	PKPbc	10:34:37.323	-0.8	14.5	2.76	TAS	m_e
WLF	147.64	PKPab	10:34:42.557		14.1	4.10	TAS	m_e

Event 50610010 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/10	10:20:25.78			-18.8140	-176.1140				33.0			22		144.59	150.76	m i ke	BGR
50610016																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.34		PKPbc	10:40:13.103		13.4		2.72		TAS				m_e	
BRG	147.03		PKPbc	10:40:04.260	0.3	13.4		2.72		TAS				m_e	
BSEG	144.59		PKPbc	10:39:56.831	0.5	13.4		2.72		TAS				m_e	
CLL	146.78		PKPbc	10:40:03.422	0.2	13.4		2.72		TAS				m_e	
CLZ	146.65		PKPbc	10:40:03.745	0.2	13.4		2.72		TAS				m_e	
FBE	147.09		PKPbc	10:40:04.780	0.4	13.4		2.72		TAS				m_e	
FLT1	146.06		PKPbc	10:40:01.246	0.3	13.4		2.72		TAS				m_e	
GEC2	149.01		PKPbc	10:40:09.593		13.4		2.72		TAS				m_e	
GRA1	148.64		PKPbc	10:40:08.998		13.4		2.72		TAS				m_e	
GUNZ	147.81		PKPbc	10:40:06.720		13.4		2.72		TAS				m_e	
KAST	147.48		PKPbc	10:40:05.909	0.3	13.4		2.72		TAS				m_e	
MANZ	148.21		PKPbc	10:40:07.764		13.4		2.72		TAS				m_e	
MOX	147.65		PKPbc	10:40:06.068	-0.2	13.4		2.72		TAS				m_e	
NRDL	146.04		PKPbc	10:40:01.553	0.2	13.4		2.72		TAS				m_e	
PLN	147.72		PKPbc	10:40:06.292	-0.7	13.4		2.72		TAS				m_e	
RJOB	150.25		PKPbc	10:40:12.448		13.4		2.72		TAS				m_e	
ROTZ	148.41		PKPbc	10:40:08.278		13.4		2.72		TAS				m_e	
TANN	147.74		PKPbc	10:40:06.427	-0.3	13.4		2.72		TAS				m_e	
TNS	148.45		PKPbc	10:40:08.793		13.4		2.72		TAS				m_e	
UBR	150.76		PKPbc	10:40:13.980		13.4		2.72		TAS				m_e	
WERD	147.73		PKPbc	10:40:06.377	-0.5	13.4		2.72		TAS				m_e	
WERN	147.87		PKPbc	10:40:06.988		13.4		2.72		TAS				m_e	

Event 50610011 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/10	11:07:33.98			-17.0550	-176.9900				600.0			13		142.09	148.91	m i ke	BGR
50610017																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	146.44		PKPab	11:26:10.984		12.6		4.13		TAS				m_e		
ASSE	144.48		PKPbc	11:26:02.265	0.1	14.4		2.79		TAS				m_e		
BFO	148.51		PKPbc	11:26:12.803		14.4		2.79		TAS				m_e		
BFO	148.51		PKPab	11:26:19.975		12.6		4.13		TAS				m_e		
BRG	145.15		PKPdf	11:26:02.127		32.3		1.44		TAS				m_e		
BRG	145.15		PKPbc	11:26:04.035	0.4	14.4		2.79		TAS				m_e		
BRG	145.15		PKPab	11:26:06.084	-0.0	12.6		4.13		TAS				m_e		
BSEG	142.76		PKPbc	11:25:56.955	-0.3	14.4		2.79		TAS				m_e		
BUG	145.53		PKPbc	11:26:05.084	0.1	14.4		2.79		TAS				m_e		
CLL	144.91		PKPbc	11:26:03.421	0.0	14.4		2.79		TAS				m_e		
CLZ	144.80		PKPbc	11:26:03.536	0.1	14.4		2.79		TAS				m_e		
FBE	145.21		PKPdf	11:26:02.568		32.3		1.44		TAS				m_e		
FBE	145.21		PKPbc	11:26:04.620	0.2	14.4		2.79		TAS				m_e		
FBE	145.21		PKPab	11:26:06.778		12.6		4.13		TAS				m_e		
FLT1	144.21		PKPbc	11:26:01.160	0.1	14.4		2.79		TAS				m_e		
FUR	148.24		PKPbc	11:26:12.287	-0.7	14.4		2.79		TAS				m_e		
FUR	148.24		PKPab	11:26:19.152		12.6		4.13		TAS				m_e		
GEC2	147.12		PKPbc	11:26:09.291	-0.3	14.4		2.79		TAS				m_e		
GRA1	146.77		PKPbc	11:26:08.746	-0.3	14.4		2.79		TAS				m_e		
GRA1	146.77		PKPab	11:26:13.099		12.6		4.13		TAS				m_e		
GTTG	145.15		PKPbc	11:26:04.417	0.5	14.4		2.79		TAS				m_e		
GUNZ	145.94		PKPdf	11:26:03.599		32.3		1.44		TAS				m_e		
GUNZ	145.94		PKPbc	11:26:06.528	0.5	14.4		2.79		TAS				m_e		
HLG	142.75		PKPbc	11:25:57.307	-0.4	14.4		2.79		TAS				m_e		
IBBN	144.63		PKPbc	11:26:02.838	0.5	14.4		2.79		TAS				m_e		
IBBN	144.63		PKPab	11:26:04.496	-0.0	12.6		4.13		TAS				m_e		
KAST	145.66		PKPbc	11:26:05.659	0.0	14.4		2.79		TAS				m_e		
LNIZ	142.60		PKPbc	11:25:56.158	-0.3	14.4		2.79		TAS				m_e		
MANZ	146.34		PKPdf	11:26:04.049		32.3		1.44		TAS				m_e		
MANZ	146.34		PKPbc	11:26:07.549	0.2	14.4		2.79		TAS				m_e		
MILB	146.92		PKPdf	11:26:05.206		32.3		1.44		TAS				m_e		
MILB	146.92		PKPbc	11:26:09.132	0.4	14.4		2.79		TAS				m_e		
MILB	146.92		PKPab	11:26:13.236		12.6		4.13		TAS				m_e		
MOX	145.79		PKPbc	11:26:05.758	0.2	14.4		2.79		TAS				m_e		
MOX	145.79		PKPab	11:26:08.667		12.6		4.13		TAS				m_e		
NEUB	145.23		PKPbc	11:26:04.419	-0.2	14.4		2.79		TAS				m_e		
NRDL	144.20		PKPbc	11:26:01.467	-0.2	14.4		2.79		TAS				m_e		
PLN	145.85		PKPdf	11:26:03.137		32.3		1.44		TAS				m_e		
PLN	145.85		PKPbc	11:26:06.126	-0.0	14.4		2.79		TAS				m_e		
RJOB	148.36		PKPbc	11:26:12.060		14.4		2.79		TAS				m_e		
RJOB	148.36		PKPab	11:26:19.934		12.6		4.13		TAS				m_e		
ROTZ	146.53		PKPbc	11:26:08.038	0.3	14.4		2.79		TAS				m_e		
RUE	143.65		PKPbc	11:25:59.514	0.1	14.4		2.79		TAS				m_e		
SKMB	142.09		PKPbc	11:25:54.942	-0.7	14.4		2.79		TAS				m_e		
STU	147.97		PKPbc	11:26:11.714	-0.6	14.4		2.79		TAS				m_e		
TANN	145.86		PKPdf	11:26:03.390		32.3		1.44		TAS				m_e		

TANN	145.86	PKPbc	11:26:06.214	0.4	14.4	2.79	TAS	m_e
TNS	146.63	PKPdf	11:26:06.243		32.3	1.44	TAS	m_e
TNS	146.63	PKPbc	11:26:08.413	0.2	14.4	2.79	TAS	m_e
TNS	146.63	PKPab	11:26:12.552		12.6	4.13	TAS	m_e
UBBA	145.85	PKPbc	11:26:05.909	0.3	14.4	2.79	TAS	m_e
UBR	148.91	PKPdf	11:26:07.902		32.3	1.44	TAS	m_e
UBR	148.91	PKPbc	11:26:13.722		14.4	2.79	TAS	m_e
WERD	145.86	PKPbc	11:26:06.223	0.3	14.4	2.79	TAS	m_e
WERN	146.00	PKPdf	11:26:03.724		32.3	1.44	TAS	m_e
WERN	146.00	PKPbc	11:26:06.783	0.3	14.4	2.79	TAS	m_e
WERN	146.00	PKPab	11:26:09.897		12.6	4.13	TAS	m_e
WET	147.00	PKPdf	11:26:05.209		32.3	1.44	TAS	m_e
WET	147.00	PKPab	11:26:14.065		12.6	4.13	TAS	m_e
WLF	147.37	PKPbc	11:26:10.883	-0.9	14.4	2.79	TAS	m_e

Event 50610013 Northern Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/10	13:52:09.30			-22.4700	-68.5200				137.0			14		97.47	102.54	m i ke	EMSC
OrigID 50610045																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	50610019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	98.38		P	14:05:32.976	0.2	248.2		4.55		TAS		45.0	1.07	m_e mb	5.7
ASSE	101.09		P	14:05:45.332	-0.2	248.2		4.55		TAS		49.1	1.61	m_e mb	5.8
ASSE	101.09		pP	14:06:17.727	0.1	248.0		4.68		TAS				m_e	
ASSE	101.09		PKKPab	14:22:21.937		66.2		4.64		TAS				m_e	
BFO	98.20		P	14:05:31.601	-0.4	248.2		4.55		TAS		18.4	1.30	m_e mb	5.3
BFO	98.20		pP	14:06:03.472	-0.5	248.0		4.68		TAS				m_e	
BRG	102.54		P	14:05:51.539		248.2		4.55		TAS		19.9	1.55	m_e mb	5.6
BRG	102.54		pP	14:06:24.341		248.0		4.68		TAS				m_e	
BRG	102.54		PKKPab	14:22:15.652		66.2		4.64		TAS				m_e	
BSEG	101.57		P	14:05:46.771	-0.2	248.2		4.55		TAS		35.8	1.36	m_e mb	5.8
BSEG	101.57		pP	14:06:19.365		248.0		4.68		TAS				m_e	
BUG	98.87		P	14:05:34.779	0.3	248.2		4.55		TAS		78.5	1.39	m_e mb	5.9
BUG	98.87		pP	14:06:06.940	-0.3	248.0		4.68		TAS				m_e	
CLL	102.14		P	14:05:49.838		248.2		4.55		TAS		24.1	1.43	m_e mb	5.6
CLL	102.14		pP	14:06:22.426		248.0		4.68		TAS				m_e	
CLL	102.14		PKKPab	14:22:17.296		66.2		4.64		TAS				m_e	
CLZ	100.81		P	14:05:43.716	0.1	248.2		4.55		TAS		23.7	1.22	m_e mb	5.6
CLZ	100.81		pP	14:06:16.550	-0.1	248.0		4.68		TAS				m_e	
CLZ	100.81		PKKPab	14:22:23.831		66.2		4.64		TAS				m_e	
FBE	102.21		P	14:05:50.287		248.2		4.55		TAS		21.0	1.30	m_e mb	5.7
FBE	102.21		pP	14:06:23.104		248.0		4.68		TAS				m_e	

FBE	102.21	PKKPab	14:22:17.506		66.2	4.64	TAS			m_e	
FLT1	101.48	P	14:05:46.429	0.1	248.2	4.55	TAS	47.2	1.84	m_e mb	5.8
FLT1	101.48	pP	14:06:18.905		248.0	4.68	TAS			m_e	
FLT1	101.48	PKKPab	14:22:19.826		66.2	4.64	TAS			m_e	
FUR	99.94	P	14:05:39.880	-0.1	248.2	4.55	TAS	34.4	0.79	m_e mb	5.8
GEC2	101.69	P	14:05:47.642		248.2	4.55	TAS	19.6	1.37	m_e mb	5.6
GEC2	101.69	pP	14:06:19.906		248.0	4.68	TAS			m_e	
GEC2	101.69	PKKPab	14:22:19.735		66.2	4.64	TAS			m_e	
GRA1	100.48	P	14:05:42.445	-0.1	248.2	4.55	TAS	35.1	1.35	m_e mb	5.7
GRA1	100.48	pP	14:06:14.793	0.1	248.0	4.68	TAS			m_e	
GRA1	100.48	PP	14:09:48.161				T__			m_e	
GTTG	100.46	P	14:05:42.294	-0.3	248.2	4.55	TAS	23.5	1.14	m_e mb	5.6
GTTG	100.46	pP	14:06:14.827	0.2	248.0	4.68	TAS			m_e	
GUNZ	101.40	P	14:05:46.752	-0.4	248.2	4.55	TAS	120.6	2.81	m_e mb	6.0
GUNZ	101.40	pP	14:06:18.872	0.3	248.0	4.68	TAS			m_e	
GUNZ	101.40	PKKPab	14:22:20.915		66.2	4.64	TAS			m_e	
IBBN	99.51	P	14:05:37.968	-0.1	248.2	4.55	TAS	86.7	1.18	m_e mb	6.1
IBBN	99.51	pP	14:06:09.875	0.3	248.0	4.68	TAS			m_e	
KAST	99.43	P	14:05:37.150	0.1	248.2	4.55	TAS	18.3	1.25	m_e mb	5.4
KAST	99.43	PKKPab	14:22:29.717	-0.0	66.2	4.64	TAS			m_e	
MANZ	101.13	P	14:05:45.545	0.0	248.2	4.55	TAS	24.5	1.33	m_e mb	5.6
MANZ	101.13	pP	14:06:17.845	0.3	248.0	4.68	TAS			m_e	
MANZ	101.13	PKKPab	14:22:22.496		66.2	4.64	TAS			m_e	
MILB	99.39	P	14:05:37.021	-0.4	248.2	4.55	TAS	33.3	1.49	m_e mb	5.5
MOX	101.08	P	14:05:45.092	0.3	248.2	4.55	TAS	14.6	1.26	m_e mb	5.4
MOX	101.08	pP	14:06:17.516	0.6	248.0	4.68	TAS			m_e	
NEUB	101.37	P	14:05:46.762	0.2	248.2	4.55	TAS	40.1	1.54	m_e mb	5.8
NEUB	101.37	pP	14:06:18.935	-0.5	248.0	4.68	TAS			m_e	
NRDL	100.91	P	14:05:44.624	-0.1	248.2	4.55	TAS	43.8	1.37	m_e mb	5.8
NRDL	100.91	pP	14:06:16.600	0.1	248.0	4.68	TAS			m_e	
NRDL	100.91	PKKPab	14:22:23.110		66.2	4.64	TAS			m_e	
PLN	101.34	P	14:05:46.281	0.4	248.2	4.55	TAS	14.0	1.31	m_e mb	5.4
PLN	101.34	pP	14:06:18.571	-0.5	248.0	4.68	TAS			m_e	
PLN	101.34	PKKPab	14:22:20.888		66.2	4.64	TAS			m_e	
RJOB	100.72	P	14:05:43.249	0.4	248.2	4.55	TAS	112.7	1.40	m_e mb	6.2
RJOB	100.72	pP	14:06:15.842	-0.4	248.0	4.68	TAS			m_e	
ROTZ	101.11	P	14:05:45.122	0.2	248.2	4.55	TAS	27.6	1.74	m_e mb	5.5
ROTZ	101.11	pP	14:06:17.577	-0.1	248.0	4.68	TAS			m_e	
ROTZ	101.11	PKKPab	14:22:22.407		66.2	4.64	TAS			m_e	
TANN	101.50	P	14:05:47.271	-0.0	248.2	4.55	TAS	31.8	1.65	m_e mb	5.7
TANN	101.50	pP	14:06:19.693		248.0	4.68	TAS			m_e	
TNS	99.05	P	14:05:35.842	-0.3	248.2	4.55	TAS	56.1	1.44	m_e mb	5.7
TNS	99.05	pP	14:06:08.395	0.3	248.0	4.68	TAS			m_e	
UBBA	100.19	P	14:05:40.931	0.1	248.2	4.55	TAS	51.2	1.90	m_e mb	5.7
UBBA	100.19	pP	14:06:13.301	0.1	248.0	4.68	TAS			m_e	
UBR	99.02	P	14:05:36.097	0.1	248.2	4.55	TAS	49.0	1.30	m_e mb	5.7
WERD	101.42	pP	14:06:19.188	0.0	248.0	4.68	TAS			m_e	
WERN	101.40	P	14:05:46.879	0.3	248.2	4.55	TAS	23.3	1.41	m_e mb	5.6
WERN	101.40	pP	14:06:19.545	0.0	248.0	4.68	TAS			m_e	

WET	101.29	P	14:05:45.830	0.4	248.2	4.55	TAS	22.8	1.33	m_e	mb	5.6
WET	101.29	pP	14:06:18.041	-0.5	248.0	4.68	TAS			m_e		
WET	101.29	PKKPab	14:22:21.560		66.2	4.64	TAS			m_e		
WLF	97.47	P	14:05:28.916	0.3	248.2	4.55	TAS	93.2	1.26	m_e	mb	6.1
WLF	97.47	pP	14:06:00.926	0.3	248.0	4.68	TAS			m_e		

Event 50610014 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/10	20:07:06.05			42.7710	144.4960				33.0			32		75.05	81.41	m i ke	BGR
	50610020																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50610020
Ms	4.5		BGR	50610020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	79.92	P		20:19:09.929		33.0		5.48		TAS		16.0	0.99	m_e	mb	4.9
ASSE	77.38	P		20:18:55.965	0.2	33.0		5.48		TAS		14.1	1.01	m_e	mb	5.0
BFO	81.41	P		20:19:17.510		33.0		5.48		TAS		10.1	1.00	m_e	mb	4.8
BRG	77.28	P		20:18:55.274	0.3	33.0		5.48		TAS		8.0	0.94	m_e	mb	4.8
BSEG	75.98	P		20:18:48.453	-0.4	33.0		5.48		TAS		23.0	1.06	m_e	mb	5.2
BUG	79.08	P		20:19:05.196	0.3	33.0		5.48		TAS		23.7	0.94	m_e	mb	5.2
CLL	77.26	P		20:18:55.035	0.1	33.0		5.48		TAS		27.9	0.86	m_e	mb	5.4
CLZ	77.73	P		20:18:58.215	0.0	33.0		5.48		TAS		20.0	0.77	m_e	mb	5.3
FBE	77.46	P		20:18:56.542	0.0	33.0		5.48		TAS		17.8	0.80	m_e	mb	5.2
FLT1	77.02	P		20:18:53.630	-0.0	33.0		5.48		TAS		25.6	0.92	m_e	mb	5.3
FUR	80.50	P		20:19:13.274		33.0		5.48		TAS		31.3	0.85	m_e	mb	5.4
GEC2	79.04	P		20:19:04.932	-0.2	33.0		5.48		TAS		9.9	1.12	m_e	mb	4.7
GRA1	79.24	P		20:19:06.611	0.1	33.0		5.48		TAS		29.5	0.96	m_e	mb	5.3
GRA1	79.24	L		20:58:20.576						T__		259.7	20.10	a_e	Ms	4.6
GTTG	78.11	P		20:19:00.200	0.0	33.0		5.48		TAS		17.2	0.94	m_e	mb	5.2
GUNZ	78.28	P		20:19:01.060	0.2	33.0		5.48		TAS		8.6	0.82	m_e	mb	4.9
IBBN	78.18	P		20:19:00.495	0.1	33.0		5.48		TAS		29.8	1.16	m_e	mb	5.3
KAST	78.92	P		20:19:04.448	-0.0	33.0		5.48		TAS		8.1	0.88	m_e	mb	4.8
LNIZ	75.05	P		20:18:43.029	0.2	33.0		5.48		TAS		31.0	0.59	m_e	mb	5.5
MANZ	78.68	P		20:19:03.129	0.2	33.0		5.48		TAS		8.6	0.97	m_e	mb	4.8
MILB	79.80	P		20:19:08.996	-0.6	33.0		5.48		TAS		14.2	0.97	m_e	mb	4.9
MOX	78.30	P		20:19:01.050	0.1	33.0		5.48		TAS		10.1	0.89	m_e	mb	5.0
MOX	78.30	L		20:57:41.941						T__		221.5	19.80	a_e	Ms	4.5
NEUB	77.79	P		20:18:58.171	0.2	33.0		5.48		TAS		27.3	0.75	m_e	mb	5.5
NRDL	77.26	P		20:18:55.417	-0.1	33.0		5.48		TAS		6.5	0.78	m_e	mb	4.8
PLN	78.24	P		20:19:00.764	-0.0	33.0		5.48		TAS		7.3	0.80	m_e	mb	4.9
RJOB	80.30	P		20:19:12.252		33.0		5.48		TAS		62.6	0.89	m_e	mb	5.5
ROTZ	78.83	P		20:19:04.167	0.4	33.0		5.48		TAS		11.3	0.97	m_e	mb	4.9
STU	80.73	P		20:19:14.192		33.0		5.48		TAS		24.3	0.83	m_e	mb	5.3

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	50611008
MBB	6.0		BGR	50611008
Ms	5.8		BGR	50611008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	82.16		P	04:57:51.813	0.4	34.9		5.32		TAS		82.4	1.55	m_e	MBB	6.0
ASSE	79.59		P	04:57:38.069	0.1	34.9		5.32		TAS		74.3	1.48	m_e	MBB	5.9
BFO	83.58		P	04:57:59.257		34.9		5.32		TAS		178.1	1.78	m_e	MBB	6.2
BRG	79.41		P	04:57:37.028	-0.5	34.9		5.32		TAS		53.5	1.35	m_e	MBB	5.9
BSEG	78.22		P	04:57:31.019	0.2	34.9		5.32		TAS		105.2	1.25	m_e	MBB	6.2
BUG	81.33		P	04:57:47.092	0.1	34.9		5.32		TAS		86.5	1.33	m_e	MBB	5.9
CLL	79.41		P	04:57:36.744	-0.1	34.9		5.32		TAS		82.4	1.21	m_e	MBB	5.9
CLZ	79.93		P	04:57:40.324	-0.2	34.9		5.32		TAS		130.7	1.38	m_e	MBB	5.9
FBE	79.59		P	04:57:38.310	0.4	34.9		5.32		TAS		146.6	1.57	m_e	MBB	5.8
FLT1	79.22		P	04:57:35.699	-0.2	34.9		5.32		TAS		103.3	1.27	m_e	MBB	6.0
FUR	82.63		P	04:57:54.479	-0.2	34.9		5.32		TAS		94.2	1.33	m_e	MBB	6.3
GEC2	81.13		P	04:57:46.279	0.0	34.9		5.32		TAS		151.1	2.33	m_e	MBB	5.8
GRA1	81.39		P	04:57:47.906	-0.1	34.9		5.32		TAS		139.6	1.25	m_e	mb	5.8
GRA1	81.39		pP	04:57:58.332						T__				m_e		
GRA1	81.39		PP	05:00:45.752		38.6		6.99		TAS				m_e		
GRA1	81.39		L	05:38:44.936						T__		4022.3	20.40	a_e	Ms	5.8
GTTG	80.32		P	04:57:42.207	0.0	34.9		5.32		TAS		123.5	1.59	m_e	MBB	5.9
GUNZ	80.43		P	04:57:42.793	0.2	34.9		5.32		TAS		40.0	1.15	m_e	MBB	5.7
IBBN	80.43		P	04:57:42.797	-0.0	34.9		5.32		TAS		158.5	1.52	m_e	MBB	6.0
KAST	81.14		P	04:57:46.422	0.4	34.9		5.32		TAS		106.4	1.86	m_e	MBB	5.9
LNIZ	77.22		P	04:57:25.266	-0.3	34.9		5.32		TAS		392.3	1.80	m_e	MBB	6.4
MANZ	80.82		P	04:57:44.846	-0.2	34.9		5.32		TAS		52.8	1.34	m_e	MBB	5.8
MILB	81.98		P	04:57:50.768	0.0	34.9		5.32		TAS		44.2	1.34	m_e	MBB	6.0
MOX	80.47		P	04:57:42.817	0.2	34.9		5.32		TAS		140.2	1.93	m_e	MBB	5.8
MOX	80.47		L	05:38:15.606						T__		4275.7	20.30	a_e	Ms	5.8
NEUB	79.96		P	04:57:39.983	0.2	34.9		5.32		TAS		106.7	1.21	m_e	MBB	6.0
NRDL	79.48		P	04:57:37.485	-0.1	34.9		5.32		TAS		187.1	2.19	m_e	MBB	5.9
PLN	80.39		P	04:57:42.573	0.1	34.9		5.32		TAS		120.5	1.91	m_e	MBB	5.8
RGN	76.69		P	04:57:22.496	-0.2	34.9		5.32		TAS		136.9	1.17	m_e	MBB	6.5
RJOB	82.39		P	04:57:53.431	0.1	34.9		5.32		TAS		305.1	1.39	m_e	MBB	6.7
ROTZ	80.96		P	04:57:45.910	-0.1	34.9		5.32		TAS		151.6	1.72	m_e	MBB	6.0
RUE	78.19		P	04:57:30.650	-0.1	34.9		5.32		TAS		112.5	1.14	m_e	MBB	6.3
SKMB	77.87		P	04:57:29.528	0.6	34.9		5.32		TAS		316.3	1.40	m_e	MBB	6.6
STU	82.90		P	04:57:55.566	0.1	34.9		5.32		TAS		123.1	1.66	m_e	MBB	6.3
TANN	80.34		P	04:57:42.214	0.1	34.9		5.32		TAS		101.7	1.93	m_e	MBB	5.8
TNS	81.95		P	04:57:50.637	-0.1	34.9		5.32		TAS		42.5	1.31	m_e	MBB	5.9
UBBA	80.91		P	04:57:45.014	0.4	34.9		5.32		TAS		73.9	1.67	m_e	MBB	5.8
UBR	83.47		P	04:57:58.486	-0.2	34.9		5.32		TAS		104.3	1.78	m_e	MBB	6.2
WERN	80.47		P	04:57:43.116	0.1	34.9		5.32		TAS		43.8	1.18	m_e	MBB	5.6
WET	81.21		P	04:57:47.186	-0.3	34.9		5.32		TAS		74.0	1.34	m_e	MBB	6.0
WLF	83.21		P	04:57:57.493	-0.4	34.9		5.32		TAS		158.7	1.91	m_e	MBB	6.2

Event 50611003 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/11	04:51:29.95			39.9420	143.7210				33.0			37		76.74	83.63	m i ke	BGR
OrigID 50611009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	50611009
MBB	6.1		BGR	50611009
Ms	5.8		BGR	50611009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	82.20		P	05:03:45.922	0.4	36.1		4.39		TAS		76.1	1.10	m_e	MBB	6.0
ASSE	79.63		P	05:03:32.283	0.4	36.1		4.39		TAS		88.5	1.27	m_e	MBB	6.1
BFO	83.63		P	05:03:53.233		36.1		4.39		TAS		200.2	1.68	m_e	MBB	6.3
BRG	79.45		P	05:03:31.246	-0.5	36.1		4.39		TAS		73.1	1.15	m_e	MBB	6.0
BSEG	78.27		P	05:03:25.147	0.1	36.1		4.39		TAS		144.5	1.08	m_e	MBB	6.3
BUG	81.38		P	05:03:41.416	0.4	36.1		4.39		TAS		109.0	1.28	m_e	MBB	6.0
CLL	79.46		P	05:03:30.975	-0.0	36.1		4.39		TAS		109.5	1.00	m_e	MBB	6.0
CLZ	79.97		P	05:03:34.603	-0.2	36.1		4.39		TAS		164.7	1.19	m_e	MBB	6.0
FBE	79.64		P	05:03:32.615	-0.1	36.1		4.39		TAS		109.5	1.05	m_e	MBB	6.0
FLT1	79.27		P	05:03:29.911	-0.2	36.1		4.39		TAS		144.8	1.09	m_e	MBB	6.1
FUR	82.67		P	05:03:48.760	-0.1	36.1		4.39		TAS		146.4	1.13	m_e	MBB	6.5
GEC2	81.17		P	05:03:40.468	0.2	36.1		4.39		TAS		47.1	1.08	m_e	MBB	5.8
GRA1	81.43		P	05:03:42.366	0.0	36.1		4.39		TAS		191.9	1.06	m_e	mb	6.1
GRA1	81.43		PP	05:06:32.038		30.3		6.52		TAS					m_e	
GRA1	81.43		L	05:38:44.930						T__		4022.3	20.40	a_e	Ms	5.8
GTTG	80.36		P	05:03:36.582	-0.1	36.1		4.39		TAS		112.8	1.14	m_e	MBB	5.9
GUNZ	80.47		P	05:03:36.985	0.1	36.1		4.39		TAS		68.7	1.11	m_e	MBB	5.7
IBBN	80.48		P	05:03:36.878	-0.0	36.1		4.39		TAS		132.3	1.09	m_e	MBB	6.0
KAST	81.19		P	05:03:40.775	0.3	36.1		4.39		TAS		65.6	1.23	m_e	MBB	6.0
LNIZ	77.26		P	05:03:19.559	-0.3	36.1		4.39		TAS		257.1	1.25	m_e	MBB	6.5
MANZ	80.86		P	05:03:39.061	-0.2	36.1		4.39		TAS		66.2	1.12	m_e	MBB	6.0
MILB	82.03		P	05:03:44.817	-0.1	36.1		4.39		TAS		57.3	1.01	m_e	MBB	6.1
MOX	80.51		P	05:03:37.021	0.3	36.1		4.39		TAS		80.1	1.18	m_e	MBB	6.0
MOX	80.51		L	05:38:15.638						T__		4275.7	20.30	a_e	Ms	5.8
NEUB	80.00		P	05:03:34.128	0.3	36.1		4.39		TAS		151.2	1.11	m_e	MBB	6.1
NRDL	79.53		P	05:03:31.791	0.2	36.1		4.39		TAS		75.0	1.21	m_e	MBB	5.8
PLN	80.44		P	05:03:36.700	0.1	36.1		4.39		TAS		59.0	1.15	m_e	MBB	5.8
RGN	76.74		P	05:03:16.634	-0.4	36.1		4.39		TAS		301.1	1.18	m_e	MBB	6.5
RJOB	82.42		P	05:03:47.575	0.2	36.1		4.39		TAS		409.0	1.18	m_e	MBB	6.8
ROTZ	81.00		P	05:03:40.034	-0.1	36.1		4.39		TAS		149.1	1.50	m_e	MBB	6.1
RUE	78.23		P	05:03:24.878	-0.1	36.1		4.39		TAS		156.0	1.04	m_e	MBB	6.4
SKMB	77.91		P	05:03:23.881	0.7	36.1		4.39		TAS		403.7	1.39	m_e	MBB	6.6
STU	82.94		P	05:03:49.856	-0.0	36.1		4.39		TAS		98.4	1.05	m_e	MBB	6.3
TANN	80.38		P	05:03:36.248	0.0	36.1		4.39		TAS		60.7	1.29	m_e	MBB	5.9

TNS	82.00	P	05:03:44.930	-0.3	36.1	4.39	TAS	62.1	1.18	m_e	MBB	6.0
UBBA	80.95	P	05:03:39.207	0.3	36.1	4.39	TAS	39.7	1.19	m_e	MBB	5.8
UBR	83.51	P	05:03:52.511	-0.4	36.1	4.39	TAS	66.5	1.36	m_e	MBB	6.2
WERN	80.52	P	05:03:37.365	0.1	36.1	4.39	TAS	71.7	1.10	m_e	MBB	5.9
WET	81.25	P	05:03:41.340	-0.2	36.1	4.39	TAS	89.3	1.14	m_e	MBB	6.0
WLF	83.26	P	05:03:51.566	-0.5	36.1	4.39	TAS	82.0	1.40	m_e	MBB	6.2

Event 50611004 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/11	04:56:36.85			39.6820	143.4670				33.0			35		77.40	83.76	m i ke	BGR
OrigID																	
50611010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50611010
Ms	5.8		BGR	50611010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	82.35	P		05:08:53.678	0.3	35.2		5.30		TAS		54.8	1.26	m_e	mb	5.5
ASSE	79.77	P		05:08:39.763	-0.3	35.2		5.30		TAS		58.8	1.41	m_e	mb	5.3
BFO	83.76	P		05:09:00.889		35.2		5.30		TAS		118.6	1.75	m_e	mb	5.8
BRG	79.58	P		05:08:38.924	0.0	35.2		5.30		TAS		35.7	1.08	m_e	mb	5.2
BSEG	78.42	P		05:08:32.846	-0.5	35.2		5.30		TAS		78.5	1.05	m_e	mb	5.8
BUG	81.52	P		05:08:49.307	0.0	35.2		5.30		TAS		46.6	1.18	m_e	mb	5.5
CLL	79.59	P		05:08:38.767	0.1	35.2		5.30		TAS		63.1	1.02	m_e	mb	5.5
CLZ	80.11	P		05:08:42.216	0.1	35.2		5.30		TAS		81.3	1.18	m_e	mb	5.5
FBE	79.77	P		05:08:40.231	0.3	35.2		5.30		TAS		102.2	1.53	m_e	mb	5.5
FLT1	79.41	P		05:08:37.621	-0.4	35.2		5.30		TAS		82.8	1.13	m_e	mb	5.7
FUR	82.80	P		05:08:56.421	-0.5	35.2		5.30		TAS		69.8	0.98	m_e	mb	5.9
GEC2	81.29	P		05:08:48.043	0.3	35.2		5.30		TAS		28.0	1.17	m_e	mb	5.2
GRA1	81.57	P		05:08:49.971	-0.1	35.2		5.30		TAS		95.6	0.94	m_e	mb	5.9
GRA1	81.57	PP		05:11:40.846		29.6		6.54		TAS				m_e		
GRA1	81.57	L		05:38:44.929						T__		4022.3	20.40	a_e	Ms	5.8
GTTG	80.50	P		05:08:44.037	0.0	35.2		5.30		TAS		78.6	1.24	m_e	mb	5.6
GUNZ	80.60	P		05:08:44.601	-0.1	35.2		5.30		TAS		36.7	1.14	m_e	mb	5.3
IBBN	80.63	P		05:08:44.598	0.2	35.2		5.30		TAS		115.1	1.39	m_e	mb	5.7
KAST	81.33	P		05:08:48.359	0.0	35.2		5.30		TAS		41.8	1.26	m_e	mb	5.3
LNIZ	77.40	P		05:08:27.082	0.7	35.2		5.30		TAS		106.5	1.13	m_e	mb	5.9
MANZ	80.99	P		05:08:46.602	0.4	35.2		5.30		TAS		29.8	1.03	m_e	mb	5.3
MILB	82.16	P		05:08:52.709	0.4	35.2		5.30		TAS		31.3	1.05	m_e	mb	5.4
MOX	80.64	P		05:08:44.578	0.0	35.2		5.30		TAS		42.8	1.17	m_e	mb	5.4
MOX	80.64	L		05:38:15.625						T__		4275.7	20.30	a_e	Ms	5.8
NEUB	80.14	P		05:08:41.785	0.1	35.2		5.30		TAS		85.4	1.11	m_e	mb	5.6
NRDL	79.67	P		05:08:39.532	-0.3	35.2		5.30		TAS		38.6	1.12	m_e	mb	5.2
PLN	80.57	P		05:08:44.354	0.0	35.2		5.30		TAS		61.0	1.73	m_e	mb	5.3
RJOB	82.55	P		05:08:55.252	-0.0	35.2		5.30		TAS		196.2	1.08	m_e	mb	6.3

ROTZ	81.13	P	05:08:47.708	0.0	35.2	5.30	TAS	48.7	1.17	m_e	mb	5.4
RUE	78.36	P	05:08:32.555	0.0	35.2	5.30	TAS	112.5	1.33	m_e	mb	5.8
SKMB	78.07	P	05:08:31.650	-0.1	35.2	5.30	TAS	150.7	0.83	m_e	mb	6.2
STU	83.08	P	05:08:57.637	-0.4	35.2	5.30	TAS	52.1	1.01	m_e	mb	5.7
TANN	80.51	P	05:08:44.085	0.1	35.2	5.30	TAS	81.0	2.02	m_e	mb	5.4
TNS	82.14	P	05:08:52.641	-0.0	35.2	5.30	TAS	31.9	1.12	m_e	mb	5.4
UBBA	81.09	P	05:08:46.874	-0.1	35.2	5.30	TAS	29.2	1.38	m_e	mb	5.1
UBR	83.64	P	05:09:00.095		35.2	5.30	TAS	57.2	1.57	m_e	mb	5.6
WERN	80.65	P	05:08:44.984	-0.2	35.2	5.30	TAS	40.7	1.08	m_e	mb	5.4
WET	81.38	P	05:08:48.966	0.3	35.2	5.30	TAS	46.4	1.13	m_e	mb	5.4

Event 50611006 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/11	09:19:39.08		32.1950	130.1970				41.9	0.2		20		79.76	82.66	m	i ke	BGR
50611012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50611012
Ms	5.0		BGR	50611012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BSEG	79.76		P	09:31:41.398	0.1	48.4		5.25		TAS		15.7	0.83	m_e	mb	5.0
CLL	80.24		P	09:31:43.969	0.0	48.4		5.25		TAS		15.9	0.83	m_e	mb	5.0
CLZ	81.13		P	09:31:49.095	0.2	48.4		5.25		TAS		29.7	1.12	m_e	mb	5.2
FBE	80.32		P	09:31:44.754	0.4	48.4		5.25		TAS		20.4	1.16	m_e	mb	4.9
FLT1	80.40		P	09:31:44.545	0.0	48.4		5.25		TAS		18.0	0.90	m_e	mb	5.0
GEC2	81.48		P	09:31:50.319	0.0	48.4		5.25		TAS		6.5	0.88	m_e	mb	4.7
GRA1	82.16		P	09:31:54.312		48.4		5.25		TAS		31.6	1.20	m_e	mb	5.3
GRA1	82.16		L	10:14:48.164						T__		654.7	19.10	a_e	Ms	5.0
GTTG	81.51		P	09:31:50.925		48.4		5.25		TAS		30.5	1.28	m_e	mb	5.3
GUNZ	81.18		P	09:31:49.024	0.2	48.4		5.25		TAS		11.8	0.87	m_e	mb	4.9
GUNZ	81.18		pP	09:32:01.206						T__				m_e		
KAST	82.46		P	09:31:55.419		48.4		5.25		TAS		16.3	1.36	m_e	mb	5.0
MANZ	81.53		P	09:31:50.913		48.4		5.25		TAS		8.5	1.02	m_e	mb	4.8
MOX	81.34		P	09:31:49.639	-0.3	48.4		5.25		TAS		7.2	1.04	m_e	mb	4.6
MOX	81.34		L	10:14:19.679						T__		535.9	19.00	a_e	Ms	4.9
NEUB	80.90		P	09:31:47.580	-0.3	48.4		5.25		TAS		28.9	1.03	m_e	mb	5.2
NRDL	80.81		P	09:31:47.133	-0.2	48.4		5.25		TAS		8.6	1.03	m_e	mb	4.7
PLN	81.18		P	09:31:48.982	-0.0	48.4		5.25		TAS		7.4	0.79	m_e	mb	4.8
RJOB	82.66		P	09:31:56.788		48.4		5.25		TAS		38.9	1.19	m_e	mb	5.5
ROTZ	81.63		P	09:31:51.552		48.4		5.25		TAS		17.8	1.39	m_e	mb	5.0
TANN	81.08		P	09:31:48.514	0.0	48.4		5.25		TAS		7.5	1.18	m_e	mb	4.6
TANN	81.08		pP	09:32:00.591						T__				m_e		
WERN	81.20		P	09:31:49.308	0.1	48.4		5.25		TAS		13.8	0.92	m_e	mb	5.0
WET	81.70		P	09:31:51.751		48.4		5.25		TAS		30.4	2.21	m_e	mb	5.0

Event 50611008 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/11	14:41:35.38			-17.9370	-177.0610				33.0			21		143.62	149.76	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	149.37		PKPbc	15:01:20.034		14.8		2.84		TAS					m_e
BRG	145.99		PKPbc	15:01:10.877	0.3	14.8		2.84		TAS					m_e
BSEG	143.62		PKPbc	15:01:03.374	0.4	14.8		2.84		TAS					m_e
CLL	145.76		PKPbc	15:01:10.028	0.2	14.8		2.84		TAS					m_e
CLZ	145.66		PKPbc	15:01:10.367	0.1	14.8		2.84		TAS					m_e
FBE	146.06		PKPbc	15:01:11.445	0.4	14.8		2.84		TAS					m_e
FLT1	145.06		PKPbc	15:01:07.718	-0.0	14.8		2.84		TAS					m_e
GEC2	147.96		PKPbc	15:01:16.229		14.8		2.84		TAS					m_e
GRA1	147.63		PKPbc	15:01:15.783		14.8		2.84		TAS					m_e
GTTG	146.01		PKPbc	15:01:11.204	0.3	14.8		2.84		TAS					m_e
GUNZ	146.79		PKPbc	15:01:13.419		14.8		2.84		TAS					m_e
IBBN	145.50		PKPbc	15:01:09.842	0.1	14.8		2.84		TAS					m_e
MANZ	147.19		PKPbc	15:01:14.619		14.8		2.84		TAS					m_e
MILB	147.78		PKPbc	15:01:16.226		14.8		2.84		TAS					m_e
MOX	146.64		PKPbc	15:01:12.792	0.2	14.8		2.84		TAS					m_e
NRDL	145.06		PKPbc	15:01:08.181	0.4	14.8		2.84		TAS					m_e
PLN	146.70		PKPbc	15:01:13.028	0.5	14.8		2.84		TAS					m_e
ROTZ	147.38		PKPbc	15:01:14.949		14.8		2.84		TAS					m_e
TANN	146.71		PKPbc	15:01:13.042	-0.5	14.8		2.84		TAS					m_e
UBR	149.76		PKPbc	15:01:20.666		14.8		2.84		TAS					m_e
WLF	148.24		PKPbc	15:01:18.116		14.8		2.84		TAS					m_e

Event 50611009 Nepal

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/11	16:12:22.13			27.2550	85.0890				33.0			22		57.68	61.78	m i ke	BGR

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 50611015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	57.68		P	16:22:08.057	0.1	82.8		6.91		TAS		8.3	0.87	m_e mb	4.8

BSEG	59.63	P	16:22:21.801	0.0	82.8	6.91	TAS	17.5	0.93	m_e	mb	5.1
BUG	61.78	P	16:22:36.380		82.8	6.91	TAS	12.5	0.77	m_e	mb	5.2
CLL	58.23	P	16:22:11.606	0.0	82.8	6.91	TAS	4.3	0.84	m_e	mb	4.5
CLZ	59.81	P	16:22:22.951		82.8	6.91	TAS	17.2	0.86	m_e	mb	5.1
FBE	58.04	P	16:22:10.857	0.1	82.8	6.91	TAS	13.4	0.91	m_e	mb	5.0
FLT1	59.23	P	16:22:18.056	0.4	82.8	6.91	TAS	11.1	0.93	m_e	mb	4.9
GEC2	58.02	P	16:22:10.834	0.0	82.8	6.91	TAS	3.0	0.71	m_e	mb	4.4
GRA1	59.53	P	16:22:21.706	-0.1	82.8	6.91	TAS	33.0	1.65	m_e	mb	5.1
GTTG	60.10	P	16:22:25.004		82.8	6.91	TAS	9.2	0.76	m_e	mb	4.9
GUNZ	58.75	P	16:22:15.776	0.3	82.8	6.91	TAS	5.8	0.80	m_e	mb	4.7
MANZ	58.93	P	16:22:17.355	0.6	82.8	6.91	TAS	6.8	1.31	m_e	mb	4.5
MOX	59.17	P	16:22:18.600	0.0	82.8	6.91	TAS	4.9	0.79	m_e	mb	4.6
NEUB	59.01	P	16:22:17.255	0.5	82.8	6.91	TAS	14.3	0.74	m_e	mb	5.1
NRDL	59.90	P	16:22:23.798		82.8	6.91	TAS	16.6	0.95	m_e	mb	5.0
PLN	58.84	P	16:22:16.300	-0.1	82.8	6.91	TAS	4.3	0.75	m_e	mb	4.6
ROTZ	58.89	P	16:22:17.218	-0.8	82.8	6.91	TAS	8.6	0.85	m_e	mb	4.8
TANN	58.66	P	16:22:15.159	-0.1	82.8	6.91	TAS	9.5	1.46	m_e	mb	4.6
TNS	61.23	P	16:22:32.770		82.8	6.91	TAS	10.2	0.87	m_e	mb	4.7
UBR	60.55	P	16:22:27.826		82.8	6.91	TAS	6.5	0.74	m_e	mb	4.5
WERN	58.73	P	16:22:15.637	0.5	82.8	6.91	TAS	5.9	1.07	m_e	mb	4.5
WET	58.52	P	16:22:14.336	0.0	82.8	6.91	TAS	4.7	0.89	m_e	mb	4.5

Event 50611010 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/11	20:23:45.10			-15.8100	-173.6000				38.0			7		144.20	145.99	m i ke	NEIC
	50611049																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	144.20		PKPab	20:43:16.844		8.3		3.27		TAS				m_e	
GRA1	145.98		PKPab	20:43:22.973		8.3		3.27		TAS				m_e	
GRA1	145.98		pPKPab	20:43:40.583						T__				m_e	
GUNZ	145.20		PKPab	20:43:20.053		8.3		3.27		TAS				m_e	
MANZ	145.60		PKPab	20:43:21.308		8.3		3.27		TAS				m_e	
MILB	145.99		pPKPab	20:43:22.615						T__				m_e	
PLN	145.10		PKPab	20:43:19.754		8.3		3.27		TAS				m_e	
ROTZ	145.81		PKPab	20:43:22.185		8.3		3.27		TAS				m_e	
TANN	145.14		PKPab	20:43:19.931		8.3		3.27		TAS				m_e	

Event 50612001 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2015/06/12 02:03:05.50 -19.0770 168.7330 86.0 144.54 144.54 m i ke NEIC
 50612040

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	144.54		PKP	02:22:31.126		38.5		3.25		TAS					m_e

Event 50612002 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/12	02:36:29.21			-20.5810	-173.5810				33.0	2.2		38		145.69	152.80	m i ke	BGR
OrigID																	
2015/06/12 02:36:29.21 -20.5810 -173.5810 33.0 2.2 38 145.69 152.80 m i ke BGR																	
50612008																	

Magnitude Err Nsta Author OrigID
 Ms 4.7 BGR 50612008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.10		PKPbc	02:56:16.988	0.7	9.2		2.50		TAS					m_e
ASSE	148.34		PKPbc	02:56:11.872	0.2	9.2		2.50		TAS					a_e
BFO	152.27		PKPbc	02:56:21.072	-0.5	9.2		2.50		TAS					a_e
BRG	149.19		PKPbc	02:56:14.122	0.3	9.2		2.50		TAS					a_e
BSEG	146.57		PKPbc	02:56:06.972	-0.3	9.2		2.50		TAS					a_e
BUG	149.19		PKPbc	02:56:13.822	-0.2	9.2		2.50		TAS					a_e
CLL	148.90		PKPbc	02:56:13.122	0.1	9.2		2.50		TAS					a_e
CLZ	148.65		PKPbc	02:56:12.772	0.3	9.2		2.50		TAS					a_e
FBE	149.23		PKPbc	02:56:14.522	0.6	9.2		2.50		TAS					a_e
FLT1	148.09		PKPbc	02:56:10.872	-0.1	9.2		2.50		TAS					a_e
FUR	152.21		PKPbc	02:56:20.872	-0.5	9.2		2.50		TAS					a_e
GEC2	151.20		PKPbc	02:56:18.722	-0.2	9.2		2.50		TAS					a_e
GRA1	150.70		PKPbc	02:56:17.822	0.3	9.2		2.50		TAS					a_e
GRA1	150.70		X1	02:56:22.667	0.9					T__					m_e
GRA1	150.70		X2	02:56:28.294	0.9					T__					m_e
GRA1	150.70		L	04:08:45.105						T__		119.3	19.60	a_e	Ms 4.7
GTTG	148.97		PKPbc	02:56:13.522	0.3	9.2		2.50		TAS					a_e
GUNZ	149.91		PKPbc	02:56:16.022	0.4	9.2		2.50		TAS					a_e
HLG	146.43		PKPbc	02:56:06.872	-0.2	9.2		2.50		TAS					a_e
IBBN	148.32		PKPbc	02:56:11.872	0.1	9.2		2.50		TAS					a_e
KAST	149.40		PKPbc	02:56:14.522	0.1	9.2		2.50		TAS					a_e
LNIZ	146.60		PKPbc	02:56:06.922	-0.4	9.2		2.50		TAS					a_e
MANZ	150.31		PKPbc	02:56:16.922	0.3	9.2		2.50		TAS					a_e
MILB	150.73		PKPbc	02:56:17.722	0.0	9.2		2.50		TAS					a_e
MOX	149.72		PKPbc	02:56:15.272	0.2	9.2		2.50		TAS					a_e
MOX	149.72		L	04:08:58.696						T__		132.3	18.90	a_e	Ms 4.8
NEUB	149.16		PKPbc	02:56:13.872	0.2	9.2		2.50		TAS					a_e

NRDL	148.02	PKPbc	02:56:10.922	0.0	9.2	2.50	TAS	a_e
PLN	149.81	PKPbc	02:56:15.572	0.2	9.2	2.50	TAS	a_e
RGN	145.69	PKPbc	02:56:04.172	-0.8	9.2	2.50	TAS	a_e
RJOB	152.42	PKPbc	02:56:21.222	-0.7	9.2	2.50	TAS	a_e
ROTZ	150.51	PKPbc	02:56:17.272	0.2	9.2	2.50	TAS	a_e
RUE	147.66	PKPbc	02:56:09.822	-0.1	9.2	2.50	TAS	a_e
SKMB	145.84	PKPbc	02:56:05.322	-0.2	9.2	2.50	TAS	a_e
STU	151.79	PKPbc	02:56:20.072	-0.2	9.2	2.50	TAS	a_e
TANN	149.85	PKPbc	02:56:15.722	0.3	9.2	2.50	TAS	m_e
TNS	150.38	PKPbc	02:56:16.922	0.1	9.2	2.50	TAS	m_e
UBBA	149.69	PKPbc	02:56:15.022	-0.0	9.2	2.50	TAS	a_e
UBR	152.80	PKPbc	02:56:22.037	-0.8	9.2	2.50	TAS	m_e
WERN	149.98	PKPbc	02:56:16.272	0.5	9.2	2.50	TAS	a_e
WET	151.04	PKPbc	02:56:18.522	0.1	9.2	2.50	TAS	a_e
WLF	150.98	PKPbc	02:56:18.822	0.1	9.2	2.50	TAS	a_e

Event 50612004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/12	04:47:57.35			-20.1900	-178.9400				600.0			34		145.57	151.61	m i ke	BGR
50612010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.34		PKPbc	05:06:39.460	0.2	17.5		2.46		TAS					m_e
ASSE	147.25		PKPbc	05:06:33.680	-0.1	17.5		2.46		TAS					m_e
BFO	151.32		PKPbc	05:06:43.299		17.5		2.46		TAS					m_e
BFO	151.32		PKPab	05:06:53.911		19.2		3.95		TAS					m_e
BRG	147.74		PKPbc	05:06:34.957	0.1	17.5		2.46		TAS					m_e
BRG	147.74		PKPab	05:06:39.655		19.2		3.95		TAS					m_e
BSEG	145.57		PKPbc	05:06:29.113	-0.4	17.5		2.46		TAS					m_e
BUG	148.43		PKPbc	05:06:36.881	0.2	17.5		2.46		TAS					m_e
CLL	147.56		PKPbc	05:06:34.602	0.3	17.5		2.46		TAS					m_e
CLZ	147.58		PKPbc	05:06:34.712	0.5	17.5		2.46		TAS					m_e
CLZ	147.58		PKPab	05:06:39.106		19.2		3.95		TAS					m_e
FBE	147.84		PKPbc	05:06:35.741	0.1	17.5		2.46		TAS					m_e
FLT1	146.96		PKPbc	05:06:32.587	0.2	17.5		2.46		TAS					m_e
GEC2	149.66		PKPbc	05:06:39.636	-0.5	17.5		2.46		TAS					m_e
GRA1	149.47		PKPbc	05:06:39.554	0.3	17.5		2.46		TAS					m_e
GRA1	149.47		PKPab	05:06:47.011		19.2		3.95		TAS					m_e
GTTG	147.94		PKPbc	05:06:35.617	-0.4	17.5		2.46		TAS					m_e
GUNZ	148.59		PKPbc	05:06:37.535	0.1	17.5		2.46		TAS					m_e
HLG	145.66		PKPab	05:06:32.557	-0.1	19.2		3.95		TAS					m_e
IBBN	147.52		PKPbc	05:06:34.329	0.2	17.5		2.46		TAS					m_e
KAST	148.51		PKPbc	05:06:36.527	-0.1	17.5		2.46		TAS					m_e

MANZ	149.00	PKPbc	05:06:38.329	0.3	17.5	2.46	TAS	m_e
MILB	149.71	PKPbc	05:06:39.991	0.1	17.5	2.46	TAS	m_e
MOX	148.48	PKPbc	05:06:36.892	0.4	17.5	2.46	TAS	m_e
MOX	148.48	PKPab	05:06:42.335		19.2	3.95	TAS	m_e
NEUB	147.93	PKPbc	05:06:35.689	0.2	17.5	2.46	TAS	m_e
NRDL	147.00	PKPbc	05:06:32.717	0.0	17.5	2.46	TAS	m_e
PLN	148.51	PKPbc	05:06:37.093	0.4	17.5	2.46	TAS	m_e
RJOB	150.92	PKPbc	05:06:42.333		17.5	2.46	TAS	m_e
ROTZ	149.18	PKPbc	05:06:38.680	0.0	17.5	2.46	TAS	m_e
RUE	146.29	PKPbc	05:06:31.223	-0.2	17.5	2.46	TAS	m_e
STU	150.75	PKPbc	05:06:42.419		17.5	2.46	TAS	m_e
TANN	148.51	PKPbc	05:06:37.151	0.2	17.5	2.46	TAS	m_e
TANN	148.51	PKPab	05:06:42.777		19.2	3.95	TAS	m_e
TNS	149.46	PKPbc	05:06:39.358	-0.3	17.5	2.46	TAS	m_e
UBBA	148.63	PKPbc	05:06:37.050	0.4	17.5	2.46	TAS	m_e
UBR	151.61	PKPbc	05:06:43.934		17.5	2.46	TAS	m_e
WERN	148.65	PKPbc	05:06:37.698	0.1	17.5	2.46	TAS	m_e
WERN	148.65	PKPab	05:06:43.565		19.2	3.95	TAS	m_e
WET	149.60	PKPbc	05:06:39.716	-0.7	17.5	2.46	TAS	m_e
WET	149.60	PKPab	05:06:47.828		19.2	3.95	TAS	m_e
WLF	150.31	PKPbc	05:06:41.776	-0.6	17.5	2.46	TAS	m_e

Event 50612008 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/12	11:07:07.16			-15.8220	-172.4350				38.8	0.8		33		143.36	148.16	m i k e	BGR
	50612014																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	145.37		PKPbc	11:26:39.472	0.3	6.3		3.31		TAS				m_e	
ASSE	143.69		PKPbc	11:26:33.652	-0.4	6.3		3.31		TAS				m_e	
BFO	147.58		PKPdf	11:26:42.948		356.6		1.28		TAS				m_e	
BFO	147.58		PKPbc	11:26:46.386		6.3		3.31		TAS				m_e	
BRG	144.66		PKPbc	11:26:36.621	-0.1	6.3		3.31		TAS				m_e	
BUG	144.47		PKPbc	11:26:36.446	0.0	6.3		3.31		TAS				m_e	
CLL	144.33		PKPbc	11:26:36.231	-0.1	6.3		3.31		TAS				m_e	
CLZ	144.00		PKPbc	11:26:34.961	-0.2	6.3		3.31		TAS				m_e	
FBE	144.68		PKPbc	11:26:36.838	-0.1	6.3		3.31		TAS				m_e	
FLT1	143.46		PKPbc	11:26:32.678	-0.1	6.3		3.31		TAS				m_e	
FUR	147.60		PKPbc	11:26:46.681		6.3		3.31		TAS				m_e	
GEC2	146.69		PKPbc	11:26:44.131		6.3		3.31		TAS				m_e	
GRA1	146.09		PKPbc	11:26:42.156	-0.3	6.3		3.31		TAS				m_e	
GRA1	146.09		pPKPbc	11:26:53.519	0.1					T__				m_e	
GTTG	144.31		PKPbc	11:26:35.907	-0.3	6.3		3.31		TAS				m_e	

GUNZ	145.33	PKPbc	11:26:39.360	0.1	6.3	3.31	TAS	m_e
GUNZ	145.33	pPKPbc	11:26:50.970	0.1			T__	m_e
IBBN	143.60	PKPbc	11:26:33.755	0.0	6.3	3.31	TAS	m_e
KAST	144.70	PKPbc	11:26:37.118	0.2	6.3	3.31	TAS	m_e
MANZ	145.73	PKPbc	11:26:40.608	-0.1	6.3	3.31	TAS	m_e
MILB	146.05	PKPbc	11:26:41.750	0.0	6.3	3.31	TAS	m_e
MOX	145.11	PKPbc	11:26:38.457	-0.1	6.3	3.31	TAS	m_e
NEUB	144.55	PKPbc	11:26:36.592	-0.2	6.3	3.31	TAS	m_e
NRDL	143.36	PKPbc	11:26:32.612	0.1	6.3	3.31	TAS	m_e
PLN	145.22	PKPbc	11:26:38.656	0.1	6.3	3.31	TAS	m_e
RJOB	147.88	PKPdf	11:26:43.964		356.6	1.28	TAS	m_e
RJOB	147.88	PKPbc	11:26:47.438		6.3	3.31	TAS	m_e
ROTZ	145.94	PKPbc	11:26:41.522	0.1	6.3	3.31	TAS	m_e
STU	147.12	PKPbc	11:26:45.181		6.3	3.31	TAS	m_e
TANN	145.27	PKPbc	11:26:38.876	0.3	6.3	3.31	TAS	m_e
TNS	145.68	PKPbc	11:26:40.662	0.4	6.3	3.31	TAS	m_e
UBBA	145.04	PKPbc	11:26:37.892	0.1	6.3	3.31	TAS	m_e
UBR	148.16	PKPdf	11:26:43.908		356.6	1.28	TAS	m_e
UBR	148.16	PKPbc	11:26:48.186		6.3	3.31	TAS	m_e
WERD	145.25	PKPbc	11:26:38.823	0.2	6.3	3.31	TAS	m_e
WERN	145.40	PKPbc	11:26:39.514	0.5	6.3	3.31	TAS	m_e
WERN	145.40	pPKPbc	11:26:51.375	0.1			T__	m_e
WET	146.49	PKPbc	11:26:42.975	-0.4	6.3	3.31	TAS	m_e
WLF	146.23	PKPbc	11:26:42.924	-0.2	6.3	3.31	TAS	m_e

Event 50612010 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/12	17:30:15.90			-5.5400	152.1100				60.0					125.06	125.06	m i ke	EMSC
50612042																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	125.06		PKPdf	17:49:10.860		50.1		1.36		TAS					m_e

Event 50612011 Andaman Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/12	18:29:18.96			12.7270	93.6030				60.7	0.7		37		73.57	78.78	m i ke	BGR
50612017																	

Magnitude Err Nsta Author OrigID

mb 5.0 BGR 50612017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.10		P	18:41:18.876	0.1	87.4		5.75		TAS		21.6	1.20	m_e mb	5.2
ASSE	75.74		P	18:41:04.632	-0.5	87.4		5.75		TAS		16.7	1.33	m_e mb	5.0
BFO	77.49		P	18:41:14.737	-0.5	87.4		5.75		TAS		7.4	1.25	m_e mb	4.7
BRG	73.72		P	18:40:53.555	-0.1	87.4		5.75		TAS		17.1	0.91	m_e mb	5.1
BSEG	75.88		P	18:41:06.197	0.4	87.4		5.75		TAS		25.2	0.99	m_e mb	5.3
BUG	77.89		P	18:41:17.334	-0.2	87.4		5.75		TAS		33.4	1.38	m_e mb	5.3
BUG	77.89		pP	18:41:34.036						T__				m_e	
CLL	74.31		P	18:40:56.550	-0.4	87.4		5.75		TAS		12.9	1.23	m_e mb	4.8
CLZ	75.93		P	18:41:06.439	0.1	87.4		5.75		TAS		13.3	0.87	m_e mb	5.1
FBE	74.09		P	18:40:55.940	0.2	87.4		5.75		TAS		31.3	1.03	m_e mb	5.3
FLT1	75.38		P	18:41:02.386	-0.7	87.4		5.75		TAS		7.1	0.92	m_e mb	4.7
FUR	75.53		P	18:41:03.926	-0.1	87.4		5.75		TAS		20.1	0.49	m_e mb	5.5
GEC2	73.90		P	18:40:54.817	0.2	87.4		5.75		TAS		23.5	0.92	m_e mb	5.2
GRA1	75.49		P	18:41:04.514	0.7	87.4		5.75		TAS		32.4	1.41	m_e mb	5.2
GRA1	75.49		pP	18:41:21.393						T__				m_e	
GTTG	76.20		P	18:41:07.995	0.1	87.4		5.75		TAS		17.7	1.01	m_e mb	5.1
GUNZ	74.76		P	18:40:59.708	0.1	87.4		5.75		TAS		14.6	1.21	m_e mb	4.9
IBBN	77.52		P	18:41:15.601	0.2	87.4		5.75		TAS		13.3	0.84	m_e mb	5.1
KAST	77.19		P	18:41:13.334	-0.2	87.4		5.75		TAS		9.6	1.13	m_e mb	4.8
LNIZ	73.57		P	18:40:52.519	-0.1	87.4		5.75		TAS		31.9	0.82	m_e mb	5.4
MANZ	74.91		P	18:41:00.722	0.3	87.4		5.75		TAS		12.6	0.98	m_e mb	4.9
MILB	76.74		P	18:41:10.825	-0.1	87.4		5.75		TAS		10.0	1.00	m_e mb	4.9
MOX	75.20		P	18:41:02.159	0.0	87.4		5.75		TAS		8.8	0.87	m_e mb	4.8
NEUB	75.09		P	18:41:01.282	-0.2	87.4		5.75		TAS		20.5	1.33	m_e mb	5.0
NRDL	76.07		P	18:41:07.231	0.2	87.4		5.75		TAS		13.8	1.10	m_e mb	5.0
NRDL	76.07		pP	18:41:23.803						T__				m_e	
PLN	74.86		P	18:41:00.317	0.1	87.4		5.75		TAS		8.0	0.85	m_e mb	4.8
RGN	74.11		P	18:40:55.580	0.0	87.4		5.75		TAS		45.8	1.03	m_e mb	5.4
RJOB	74.53		P	18:40:58.107	-0.1	87.4		5.75		TAS		43.4	0.92	m_e mb	5.5
ROTZ	74.85		P	18:41:00.649	0.5	87.4		5.75		TAS		23.7	1.18	m_e mb	5.1
RUE	73.82		P	18:40:53.995	-0.1	87.4		5.75		TAS		42.7	0.98	m_e mb	5.4
STU	76.88		P	18:41:11.846	0.1	87.4		5.75		TAS		9.4	0.53	m_e mb	5.1
TANN	74.67		P	18:40:58.786	-0.3	87.4		5.75		TAS		12.1	1.26	m_e mb	4.8
TNS	77.25		P	18:41:13.930	0.0	87.4		5.75		TAS		11.2	1.09	m_e mb	4.9
UBBA	76.22		P	18:41:07.881	-0.1	87.4		5.75		TAS		8.9	1.51	m_e mb	4.7
UBR	76.35		P	18:41:08.305	-0.4	87.4		5.75		TAS		12.8	0.97	m_e mb	5.0
WERD	74.77		P	18:40:59.530	-0.1	87.4		5.75		TAS		13.6	0.90	m_e mb	5.0
WERN	74.73		P	18:40:59.434	0.0	87.4		5.75		TAS		7.7	1.11	m_e mb	4.6
WET	74.43		P	18:40:57.974	0.3	87.4		5.75		TAS		17.0	1.11	m_e mb	5.0
WLF	78.78		P	18:41:23.038	0.3	87.4		5.75		TAS		33.5	1.77	m_e mb	5.1

Event 50612013 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

OrigID
 2015/06/12 20:56:03.95 40.3200 142.3100 33.0 26 77.45 83.06 m i ke BGR
 50612019

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 50612019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	78.80		P	21:08:03.955	0.0	35.6		5.35		TAS		6.0	0.91	m_e mb	4.6
BFO	82.78		P	21:08:25.169		35.6		5.35		TAS		9.6	0.74	m_e mb	5.1
BRG	78.58		P	21:08:02.633	0.4	35.6		5.35		TAS		6.0	0.75	m_e mb	4.7
BSEG	77.45		P	21:07:56.820	-0.1	35.6		5.35		TAS		14.7	0.97	m_e mb	5.1
CLL	78.60		P	21:08:02.523	-0.2	35.6		5.35		TAS		16.3	0.87	m_e mb	5.1
CLZ	79.14		P	21:08:06.091	-0.1	35.6		5.35		TAS		15.4	1.06	m_e mb	5.0
DAVA	83.06		P	21:08:26.529		35.6		5.35		TAS		19.1	0.91	m_e mb	5.3
FBE	78.77		P	21:08:04.060	0.1	35.6		5.35		TAS		10.5	0.75	m_e mb	4.9
FLT1	78.43		P	21:08:01.480	0.1	35.6		5.35		TAS		14.8	0.75	m_e mb	5.2
GEC2	80.29		P	21:08:11.581	-0.2	35.6		5.35		TAS		4.3	0.70	m_e mb	4.5
GRA1	80.57		P	21:08:13.666		35.6		5.35		TAS		19.5	1.03	m_e mb	5.1
GTTG	79.53		P	21:08:07.738	-0.3	35.6		5.35		TAS		10.7	0.98	m_e mb	4.7
GUNZ	79.61		P	21:08:08.397	-0.2	35.6		5.35		TAS		8.1	1.16	m_e mb	4.5
KBA	81.84		P	21:08:20.811		35.6		5.35		TAS		9.3	0.90	m_e mb	4.9
MANZ	80.00		P	21:08:10.428	-0.2	35.6		5.35		TAS		4.9	0.78	m_e mb	4.5
MILB	81.18		P	21:08:16.740		35.6		5.35		TAS		6.3	0.86	m_e mb	4.7
MOX	79.65		P	21:08:08.397	0.4	35.6		5.35		TAS		13.0	1.38	m_e mb	4.7
NEUB	79.15		P	21:08:05.542	0.1	35.6		5.35		TAS		20.4	1.00	m_e mb	5.1
NRDL	78.70		P	21:08:03.182	-0.0	35.6		5.35		TAS		6.9	0.97	m_e mb	4.7
OBKA	81.80		P	21:08:19.706		35.6		5.35		TAS		6.6	0.80	m_e mb	4.8
RJOB	81.54		P	21:08:18.991		35.6		5.35		TAS		51.0	0.93	m_e mb	5.6
ROTZ	80.14		P	21:08:11.251	-0.0	35.6		5.35		TAS		5.9	0.83	m_e mb	4.5
STU	82.09		P	21:08:21.296		35.6		5.35		TAS		12.7	0.64	m_e mb	5.2
TNS	81.16		P	21:08:16.356		35.6		5.35		TAS		4.4	0.65	m_e mb	4.6
UBR	82.65		P	21:08:24.864		35.6		5.35		TAS		6.5	1.55	m_e mb	4.6
WERN	79.65		P	21:08:08.507	0.1	35.6		5.35		TAS		8.8	1.03	m_e mb	4.6
WET	80.38		P	21:08:12.349		35.6		5.35		TAS		5.4	1.01	m_e mb	4.4
WTTA	82.39		P	21:08:22.902		35.6		5.35		TAS		8.2	0.89	m_e mb	4.9

Event 50613002 Alaska Peninsula, United States
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/06/13 01:14:55.23 56.3600 -157.6400 70.8 0.1 37 68.78 75.97 m i ke BGR
 50613008

Magnitude Err Nsta Author OrigID
 mb 5.7 BGR 50613008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	72.72		P	01:26:15.517	0.0	353.8		5.94		TAS		49.2	1.10	m_e	mb 5.5
ASSE	71.45		P	01:26:07.804	-0.2	353.8		5.94		TAS		46.4	0.97	m_e	mb 5.6
BFO	75.02		P	01:26:28.862	-0.4	353.8		5.94		TAS		27.5	0.82	m_e	mb 5.3
BFO	75.02		pP	01:26:47.744						T__				m_e	
BRG	72.91		P	01:26:16.592	0.0	353.8		5.94		TAS		57.3	1.02	m_e	mb 5.6
BRG	72.91		pP	01:26:35.496						T__				m_e	
BSEG	69.63		P	01:25:57.032	-0.1	353.8		5.94		TAS		69.1	0.94	m_e	mb 5.8
BUG	71.84		P	01:26:10.161	-0.2	353.8		5.94		TAS		112.4	0.94	m_e	mb 6.0
CLL	72.42		P	01:26:13.411	-0.3	353.8		5.94		TAS		48.8	0.92	m_e	mb 5.6
CLZ	71.71		P	01:26:09.880	0.3	353.8		5.94		TAS		71.4	0.87	m_e	mb 5.8
FBE	72.83		P	01:26:16.371	0.2	353.8		5.94		TAS		80.0	0.95	m_e	mb 5.8
FLT1	71.29		P	01:26:06.522	-0.5	353.8		5.94		TAS		45.8	0.89	m_e	mb 5.6
FUR	75.44		P	01:26:31.577	-0.1	353.8		5.94		TAS		71.7	0.79	m_e	mb 5.8
GEC2	74.92		P	01:26:28.447	-0.1	353.8		5.94		TAS		41.3	0.82	m_e	mb 5.5
GRA1	73.91		P	01:26:22.946	0.3	353.8		5.94		TAS		53.2	0.67	m_e	mb 5.7
GTTG	71.97		P	01:26:11.457	0.3	353.8		5.94		TAS		108.6	0.99	m_e	mb 5.9
GUNZ	73.32		P	01:26:19.293	0.2	353.8		5.94		TAS		26.3	0.79	m_e	mb 5.4
IBBN	71.03		P	01:26:05.539	0.0	353.8		5.94		TAS		107.1	1.06	m_e	mb 5.9
KAST	72.18		P	01:26:12.416	0.0	353.8		5.94		TAS		57.0	0.99	m_e	mb 5.7
LNIZ	70.31		P	01:26:01.136	0.0	353.8		5.94		TAS		53.3	0.79	m_e	mb 5.7
MANZ	73.68		P	01:26:21.097	-0.1	353.8		5.94		TAS		24.3	1.00	m_e	mb 5.2
MILB	73.62		P	01:26:21.125	0.2	353.8		5.94		TAS		115.5	0.81	m_e	mb 6.0
MOX	72.99		P	01:26:17.277	0.1	353.8		5.94		TAS		104.4	1.17	m_e	mb 5.8
NRDL	71.04		P	01:26:05.488	-0.1	353.8		5.94		TAS		74.7	0.92	m_e	mb 5.8
PLN	73.19		P	01:26:18.319	0.0	353.8		5.94		TAS		44.8	1.00	m_e	mb 5.6
RGN	69.21		P	01:25:54.642	0.0	353.8		5.94		TAS		108.0	0.82	m_e	mb 6.1
RJOB	75.97		P	01:26:34.694	-0.1	353.8		5.94		TAS		374.9	0.79	m_e	mb 6.6
ROTZ	73.91		P	01:26:22.722	0.1	353.8		5.94		TAS		52.9	0.96	m_e	mb 5.5
RUE	71.30		P	01:26:07.130	0.1	353.8		5.94		TAS		110.9	1.00	m_e	mb 5.9
SKMB	68.78		P	01:25:52.016	-0.1	353.8		5.94		TAS		92.4	0.91	m_e	mb 6.0
STU	74.67		P	01:26:26.897	-0.2	353.8		5.94		TAS		67.0	1.25	m_e	mb 5.5
TANN	73.28		P	01:26:18.994	0.2	353.8		5.94		TAS		31.2	1.16	m_e	mb 5.3
TNS	73.16		P	01:26:18.235	0.1	353.8		5.94		TAS		66.0	0.89	m_e	mb 5.8
UBBA	72.70		P	01:26:15.282	-0.2	353.8		5.94		TAS		21.2	1.10	m_e	mb 5.2
UBR	75.83		P	01:26:33.758	-0.2	353.8		5.94		TAS		46.4	1.02	m_e	mb 5.6
WERD	73.23		P	01:26:18.429	-0.2	353.8		5.94		TAS		26.2	0.86	m_e	mb 5.4
WERN	73.40		P	01:26:19.838	0.3	353.8		5.94		TAS		82.5	1.39	m_e	mb 5.7
WET	74.57		P	01:26:26.586	0.1	353.8		5.94		TAS		34.2	1.05	m_e	mb 5.3
WLF	73.49		P	01:26:20.472	0.5	353.8		5.94		TAS		83.1	1.22	m_e	mb 5.7

Event 50613003 South of Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/13	03:17:24.02			-24.4900	-175.2800				33.0			29		149.61	156.04	m i ke	BGR
50613009																	

Magnitude Err Nsta Author OrigID
 mb 5.0 BGR 50613010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	90.72		P	05:16:31.585	-0.1	65.6		4.62		TAS		16.2	1.65	m_e	mb 5.1
BRG	89.34		P	05:16:25.496	-0.1	65.6		4.62		TAS		11.7	1.35	m_e	mb 4.9
BRG	89.34		pP	05:17:08.690	-0.0	66.6		4.70		TAS				m_e	
CLL	89.72		P	05:16:26.760	0.1	65.6		4.62		TAS		8.3	1.35	m_e	mb 4.8
CLL	89.72		pP	05:17:10.380	-0.1	66.6		4.70		TAS				m_e	
CLZ	91.01		P	05:16:33.039		65.6		4.62		TAS		14.9	1.62	m_e	mb 5.1
CLZ	91.01		pP	05:17:16.628		66.6		4.70		TAS				m_e	
FBE	89.67		P	05:16:26.586	0.1	65.6		4.62		TAS		19.7	1.40	m_e	mb 5.1
FLT1	90.32		P	05:16:30.040	0.1	65.6		4.62		TAS		7.6	1.19	m_e	mb 4.8
GEC2	90.26		P	05:16:29.495	0.3	65.6		4.62		TAS		17.6	1.61	m_e	mb 5.0
GRA1	91.42		P	05:16:35.038		65.6		4.62		TAS		21.4	1.63	m_e	mb 5.2
GUNZ	90.49		P	05:16:30.949	-0.2	65.6		4.62		TAS		16.0	1.48	m_e	mb 5.0
GUNZ	90.49		pP	05:17:13.738		66.6		4.70		TAS				m_e	
MANZ	90.77		P	05:16:31.494	-0.3	65.6		4.62		TAS		6.2	1.34	m_e	mb 4.8
MOX	90.79		P	05:16:31.676		65.6		4.62		TAS		13.0	1.51	m_e	mb 5.0
MOX	90.79		pP	05:17:15.657		66.6		4.70		TAS				m_e	
NEUB	90.48		P	05:16:31.221	-0.5	65.6		4.62		TAS		14.4	1.21	m_e	mb 5.1
NRDL	90.88		P	05:16:32.221		65.6		4.62		TAS		19.0	1.68	m_e	mb 5.2
PLN	90.54		P	05:16:31.312	-0.4	65.6		4.62		TAS		11.1	1.53	m_e	mb 5.0
RJOB	91.25		P	05:16:33.857		65.6		4.62		TAS		55.0	1.58	m_e	mb 5.6
ROTZ	90.80		P	05:16:32.584	0.1	65.6		4.62		TAS		15.4	1.51	m_e	mb 5.1
ROTZ	90.80		pP	05:17:15.788		66.6		4.70		TAS				m_e	
RUE	88.83		pP	05:17:06.530	-0.1	66.6		4.70		TAS				m_e	
TANN	90.39		P	05:16:30.312	0.4	65.6		4.62		TAS		10.7	1.49	m_e	mb 4.9
TANN	90.39		pP	05:17:13.575		66.6		4.70		TAS				m_e	
WERD	90.47		P	05:16:30.858	0.3	65.6		4.62		TAS		12.1	1.35	m_e	mb 5.0
WERN	90.49		P	05:16:30.767	0.5	65.6		4.62		TAS		7.2	1.21	m_e	mb 4.8
WERN	90.49		pP	05:17:14.030		66.6		4.70		TAS				m_e	
WET	90.65		P	05:16:31.676	-0.3	65.6		4.62		TAS		8.4	1.50	m_e	mb 4.9

Event 50613005 Near north coast of New Guinea, Papua New Guinea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/13	07:08:58.90			-3.3610	143.8130				10.0					118.15	118.89	m i ke	NEIC
				OrigID													
				50613044													

Magnitude Err Nsta Author OrigID
 Ms 5.0 BGR 50613011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	118.89		PKPdf	07:27:47.978		70.0		1.46		TAS				m_e	
GRA1	118.89		PP	07:29:09.158		61.0		6.08		TAS				m_e	

GRA1	118.89	L	08:19:33.252	T__	366.8	22.00	a_e Ms	5.0
MOX	118.15	L	08:19:16.757	T__	465.2	21.50	a_e Ms	5.1

Event 50614001 Azores Islands, Portugal

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/14	05:32:34.17			39.5470	-29.4150				10.0					30.31	30.31	m i ke	BGR
OrigID 50614007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50614007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	30.31		P	05:38:45.112		263.1		8.97		TAS		15.8	1.46	m_e mb	4.6

Event 50614003 Bonin Islands, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/14	22:22:22.80			27.3800	140.0400				400.0				28	88.12	93.10	m i ke	EMSC
OrigID 50614035																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50614009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	91.98		P	22:34:46.188		43.9		4.68		TAS		8.6	1.26	m_e mb	4.9
BFO	93.10		P	22:34:51.387		43.9		4.68		TAS		10.3	1.07	m_e mb	5.2
BSEG	88.12		P	22:34:27.782	-0.2	43.9		4.68		TAS		16.2	1.27	m_e mb	5.2
CLL	88.86		P	22:34:31.566	0.3	43.9		4.68		TAS		7.4	1.06	m_e mb	4.8
CLZ	89.62		P	22:34:35.516	0.2	43.9		4.68		TAS		8.0	1.10	m_e mb	4.9
FBE	88.97		P	22:34:32.715	-0.0	43.9		4.68		TAS		17.2	1.34	m_e mb	5.1
FLT1	88.90		P	22:34:31.494	0.0	43.9		4.68		TAS		6.2	0.92	m_e mb	4.8
FUR	91.89		P	22:34:46.288		43.9		4.68		TAS		38.0	1.00	m_e mb	5.7
GEC2	90.27		P	22:34:38.317	0.2	43.9		4.68		TAS		10.4	1.16	m_e mb	5.0
GRA1	90.81		P	22:34:41.261	0.3	43.9		4.68		TAS		13.0	1.02	m_e mb	5.2
GUNZ	89.83		P	22:34:36.593	-0.1	43.9		4.68		TAS		7.3	1.08	m_e mb	4.8
IBBN	90.36		P	22:34:38.460	0.1	43.9		4.68		TAS		25.2	1.24	m_e mb	5.3
MANZ	90.20		P	22:34:38.377	-0.1	43.9		4.68		TAS		5.3	1.17	m_e mb	4.7
MILB	91.57		P	22:34:44.277		43.9		4.68		TAS		3.5	0.94	m_e mb	4.7
MOX	89.95		P	22:34:36.952	0.3	43.9		4.68		TAS		13.5	1.71	m_e mb	4.9
NEUB	89.49		P	22:34:34.439	0.1	43.9		4.68		TAS		11.0	1.08	m_e mb	5.0
NRDL	89.26		P	22:34:33.218	0.2	43.9		4.68		TAS		7.8	1.29	m_e mb	4.8
PLN	89.82		P	22:34:36.306	0.4	43.9		4.68		TAS		8.7	1.36	m_e mb	4.8

RJOB	91.48	P	22:34:44.206	43.9	4.68	TAS	44.6	0.94	m_e	mb	5.8
ROTZ	90.31	P	22:34:39.035	0.1 43.9	4.68	TAS	22.9	1.70	m_e	mb	5.1
STU	92.39	P	22:34:48.030	43.9	4.68	TAS	12.6	0.90	m_e	mb	5.2
TANN	89.73	P	22:34:35.947	-0.0 43.9	4.68	TAS	4.3	1.00	m_e	mb	4.6
TNS	91.64	P	22:34:44.747	43.9	4.68	TAS	4.9	0.85	m_e	mb	4.9
UBBA	90.53	P	22:34:39.338	-0.3 43.9	4.68	TAS	5.5	1.19	m_e	mb	4.8
UBR	92.78	P	22:34:49.993	43.9	4.68	TAS	3.8	0.91	m_e	mb	4.8
WERN	89.86	P	22:34:36.808	-0.1 43.9	4.68	TAS	10.3	1.25	m_e	mb	4.9
WET	90.44	P	22:34:39.284	-0.3 43.9	4.68	TAS	6.3	1.42	m_e	mb	4.6
WLF	93.03	P	22:34:51.387	43.9	4.68	TAS	10.1	1.04	m_e	mb	5.2

Event 50615005 Timor, Indonesia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/15	17:40:54.90			-9.7500	125.3500				25.0			15		110.98	115.88	m i ke	EMSC
50615037																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	50615011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	115.31		PKPdf	17:59:38.531		79.6		1.89		TAS					m_e	
BFO	115.10		PKPdf	17:59:36.052		79.6		1.89		TAS					m_e	
BRG	110.98		PKPdf	17:59:29.575	-0.1	79.6		1.89		TAS					m_e	
BRG	110.98		PP	18:00:08.825	-1.1	77.6		5.96		TAS					m_e	
BSEG	112.48		PKPdf	17:59:32.624	0.3	79.6		1.89		TAS					m_e	
BUG	114.94		PKPdf	17:59:37.041		79.6		1.89		TAS					m_e	
CLL	111.48		PKPdf	17:59:30.414	0.4	79.6		1.89		TAS					m_e	
CLL	111.48		PP	18:00:11.477	0.7	77.6		5.96		TAS					m_e	
CLZ	112.97		PKPdf	17:59:33.579		79.6		1.89		TAS					m_e	
CLZ	112.97		PP	18:00:21.050		77.6		5.96		TAS					m_e	
ECH	115.88		PKPdf	17:59:38.899		79.6		1.89		TAS					m_e	
FBE	111.34		PKPdf	17:59:30.789	0.3	79.6		1.89		TAS					m_e	
FBE	111.34		PP	18:00:11.419	-0.2	77.6		5.96		TAS					m_e	
FLT1	112.33		PKPdf	17:59:31.542	0.5	79.6		1.89		TAS					m_e	
FLT1	112.33		PP	18:00:16.535		77.6		5.96		TAS					m_e	
FUR	113.22		PKPdf	17:59:34.245		79.6		1.89		TAS					m_e	
GEC2	111.50		PKPdf	17:59:30.378	-0.8	79.6		1.89		TAS					m_e	
GEC2	111.50		PP	18:00:10.634	0.4	77.6		5.96		TAS					m_e	
GRA1	112.93		PKPdf	17:59:33.998	0.7	79.6		1.89		TAS					m_e	
GRA1	112.93		L	18:51:19.623						T__		884.0	22.00	a_e	Ms	5.3
GUNZ	112.09		PKPdf	17:59:31.686	-0.2	79.6		1.89		TAS					m_e	
GUNZ	112.09		PP	18:00:16.147	-0.8	77.6		5.96		TAS					m_e	
KAST	114.31		PKPdf	17:59:35.854		79.6		1.89		TAS					m_e	
MANZ	112.31		PKPdf	17:59:31.895	-0.0	79.6		1.89		TAS					m_e	
MANZ	112.31		PP	18:00:16.532		77.6		5.96		TAS					m_e	

MILB	114.12	PKPdf	17:59:35.995	79.6	1.89	TAS											m_e
MOX	112.48	L	18:49:21.793			T__				780.2	21.50	a_e Ms					5.3
NRDL	112.96	PKPdf	17:59:34.118	79.6	1.89	TAS											m_e
NRDL	112.96	PP	18:00:21.113	77.6	5.96	TAS											m_e
PLN	112.17	PP	18:00:16.552	-0.1 77.6	5.96	TAS											m_e
RJOB	112.29	PKPdf	17:59:31.713	0.1 79.6	1.89	TAS											m_e
ROTZ	112.29	PP	18:00:17.442	77.6	5.96	TAS											m_e
TANN	112.00	PKPdf	17:59:31.924	-0.2 79.6	1.89	TAS											m_e
TANN	112.00	PP	18:00:14.779	0.5 77.6	5.96	TAS											m_e
TNS	114.55	PKPdf	17:59:36.676	79.6	1.89	TAS											m_e
UBR	114.08	PKPdf	17:59:35.321	79.6	1.89	TAS											m_e
UBR	114.08	PP	18:00:26.724	77.6	5.96	TAS											m_e
WERD	112.09	PKPdf	17:59:30.892	-0.8 79.6	1.89	TAS											m_e
WERD	112.09	PP	18:00:15.911	-0.2 77.6	5.96	TAS											m_e
WERN	112.08	PP	18:00:16.118	0.8 77.6	5.96	TAS											m_e
WET	111.98	PKPdf	17:59:31.755	-0.0 79.6	1.89	TAS											m_e

Event 50615006 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/15	20:18:57.40			-29.5300	-178.9200				314.0			8		153.48	160.58	m i ke	EMSC
	50615038																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	158.53		PKPab	20:38:54.178	0.0	24.7		4.35		TAS					m_e
ASSE	156.33		PKPab	20:38:44.295	-0.1	24.7		4.35		TAS					m_e
BFO	160.42		PKPab	20:39:02.043	-0.1	24.7		4.35		TAS					m_e
BRG	156.59		PKPdf	20:38:15.094		21.8		1.26		TAS					m_e
BRG	156.59		PKPab	20:38:45.808	-0.3	24.7		4.35		TAS					m_e
BSEG	154.70		PKPdf	20:38:12.678	0.2	21.8		1.26		TAS					m_e
BSEG	154.70		PKPab	20:38:37.395	0.1	24.7		4.35		TAS					m_e
BUG	157.63		PKPab	20:38:50.295	0.0	24.7		4.35		TAS					m_e
CLL	156.49		PKPdf	20:38:14.493		21.8		1.26		TAS					m_e
CLL	156.49		PKPab	20:38:44.996	-0.4	24.7		4.35		TAS					m_e
CLZ	156.66		PKPab	20:38:45.992	0.2	24.7		4.35		TAS					m_e
FBE	156.73		PKPdf	20:38:15.493		21.8		1.26		TAS					m_e
FBE	156.73		PKPab	20:38:46.619	0.1	24.7		4.35		TAS					m_e
FLT1	156.01		PKPab	20:38:42.561	-0.5	24.7		4.35		TAS					m_e
FUR	159.81		PKPab	20:39:00.272	0.4	24.7		4.35		TAS					m_e
GEC2	158.43		PKPdf	20:38:17.873		21.8		1.26		TAS					m_e
GEC2	158.43		PKPab	20:38:53.778	-0.7	24.7		4.35		TAS					m_e
GRA1	158.44		PKPab	20:38:54.221	0.5	24.7		4.35		TAS					m_e
GTTG	157.03		PKPab	20:38:47.579	0.2	24.7		4.35		TAS					m_e
GUNZ	157.52		PKPdf	20:38:16.576		21.8		1.26		TAS					m_e

GUNZ	157.52	PKPab	20:38:50.051	0.2	24.7	4.35	TAS	m_e
IBBN	156.71	PKPab	20:38:46.066	-0.2	24.7	4.35	TAS	m_e
KAST	157.66	PKPab	20:38:49.996	-0.3	24.7	4.35	TAS	m_e
LNIZ	154.20	PKPab	20:38:34.986	-0.3	24.7	4.35	TAS	m_e
MANZ	157.93	PKPab	20:38:51.601	-0.0	24.7	4.35	TAS	m_e
MILB	158.79	PKPab	20:38:54.983	-0.1	24.7	4.35	TAS	m_e
MOX	157.47	PKPab	20:38:49.387	-0.1	24.7	4.35	TAS	m_e
NEUB	156.93	PKPab	20:38:46.988	-0.1	24.7	4.35	TAS	m_e
NRDL	156.11	PKPab	20:38:43.188	-0.2	24.7	4.35	TAS	m_e
PLN	157.46	PKPab	20:38:49.571	0.0	24.7	4.35	TAS	m_e
RGN	153.48	PKPab	20:38:32.519	0.5	24.7	4.35	TAS	m_e
RJOB	159.69	PKPab	20:38:59.903	-0.0	24.7	4.35	TAS	m_e
ROTZ	158.09	PKPab	20:38:52.708	0.3	24.7	4.35	TAS	m_e
RUE	155.23	PKPab	20:38:39.830	-0.0	24.7	4.35	TAS	m_e
SKMB	154.12	PKPab	20:38:35.288	0.4	24.7	4.35	TAS	m_e
STU	159.81	PKPab	20:38:59.571	0.1	24.7	4.35	TAS	m_e
TANN	157.44	PKPab	20:38:49.645	0.1	24.7	4.35	TAS	m_e
TNS	158.59	PKPab	20:38:54.180	-0.1	24.7	4.35	TAS	m_e
UBBA	157.70	PKPab	20:38:50.104	-0.2	24.7	4.35	TAS	m_e
UBR	160.58	PKPab	20:39:03.093	0.0	24.7	4.35	TAS	m_e
WERD	157.46	PKPab	20:38:49.682	0.1	24.7	4.35	TAS	m_e
WERN	157.58	PKPab	20:38:16.330		21.8	1.26	TAS	m_e
WERN	157.58	PKPab	20:38:50.494	0.4	24.7	4.35	TAS	m_e
WET	158.44	PKPab	20:38:16.932		21.8	1.26	TAS	m_e
WET	158.44	PKPab	20:38:54.295	0.1	24.7	4.35	TAS	m_e
WLF	159.52	PKPab	20:38:58.538	-0.1	24.7	4.35	TAS	m_e

Event 50616001 East of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/16	02:36:45.13			45.7880	152.6270				33.0					79.16	79.16	m i ke	BGR
OrigID 50616007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50616007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.16		P	02:48:45.135		26.9		4.86		TAS		16.9	1.76	m_e mb	4.8

Event 50616002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/16	06:17:00.94			-20.8500	-179.0200				666.2		8.6		37	145.58	152.23	m i ke	BGR
OrigID																	

50616008

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	149.98		PKPdf	06:35:32.304	-0.3	20.1		1.57		TAS					m_e	
AHRW	149.98		PKPbc	06:35:37.738	0.2	18.3		2.44		TAS					m_e	
BFO	151.95		PKPdf	06:35:34.639		20.1		1.57		TAS					m_e	
BFO	151.95		PKPbc	06:35:42.045	-0.7	18.3		2.44		TAS					m_e	
BFO	151.95		PKPab	06:35:53.602		15.9		4.24		TAS					m_e	
BFO	151.95		pPKPbc	06:38:11.227		16.2		2.72		TAS					m_e	
BRG	148.35		PKPdf	06:35:29.844	-0.3	20.1		1.57		TAS					m_e	
BRG	148.35		PKPbc	06:35:33.453	0.1	18.3		2.44		TAS					m_e	
BRG	148.35		pPKPbc	06:38:01.327	0.8	16.2		2.72		TAS					m_e	
BSEG	146.21		PKPdf	06:35:25.772	-0.2	20.1		1.57		TAS					m_e	
BSEG	146.21		PKPbc	06:35:28.225	-0.1	18.3		2.44		TAS					m_e	
BUG	149.07		PKPdf	06:35:30.462	-0.0	20.1		1.57		TAS					m_e	
BUG	149.07		PKPbc	06:35:35.103	0.1	18.3		2.44		TAS					m_e	
BUG	149.07		pPKPbc	06:38:03.459	0.5	16.2		2.72		TAS					m_e	
CLL	148.18		PKPdf	06:35:29.076	0.5	20.1		1.57		TAS					m_e	
CLL	148.18		PKPbc	06:35:33.334	0.5	18.3		2.44		TAS					m_e	
CLL	148.18		pPKPbc	06:38:00.539	-0.2	16.2		2.72		TAS					m_e	
CLZ	148.21		PKPdf	06:35:29.318	0.3	20.1		1.57		TAS					m_e	
CLZ	148.21		PKPbc	06:35:33.821	-0.3	18.3		2.44		TAS					m_e	
CLZ	148.21		pPKPbc	06:38:00.801	0.1	16.2		2.72		TAS					m_e	
FBE	148.45		PKPdf	06:35:29.869	0.1	20.1		1.57		TAS					m_e	
FBE	148.45		PKPbc	06:35:34.025	0.3	18.3		2.44		TAS					m_e	
FBE	148.45		PKPab	06:35:39.353	0.1	15.9		4.24		TAS					m_e	
FBE	148.45		pPKPbc	06:38:01.745	0.8	16.2		2.72		TAS					m_e	
FLT1	147.58		PKPdf	06:35:27.552	0.1	20.1		1.57		TAS					m_e	
FLT1	147.58		PKPbc	06:35:31.625	0.0	18.3		2.44		TAS					m_e	
FLT1	147.58		pPKPbc	06:37:58.527	-0.5	16.2		2.72		TAS					m_e	
FUR	151.51		PKPdf	06:35:34.273		20.1		1.57		TAS					m_e	
FUR	151.51		PKPbc	06:35:41.403	-0.5	18.3		2.44		TAS					m_e	
FUR	151.51		PKPab	06:35:52.568		15.9		4.24		TAS					m_e	
FUR	151.51		pPKPbc	06:38:10.114		16.2		2.72		TAS					m_e	
GEC2	150.27		PKPdf	06:35:32.441	-0.4	20.1		1.57		TAS					m_e	
GEC2	150.27		PKPbc	06:35:38.516	0.3	18.3		2.44		TAS					m_e	
GEC2	150.27		pPKPbc	06:38:07.555		16.2		2.72		TAS					m_e	
GRA1	150.09		PKPbc	06:35:38.158	0.2	18.3		2.44		TAS					m_e	
GRA1	150.09		PKPab	06:35:46.523		15.9		4.24		TAS					m_e	
GTTG	148.57		PKPdf	06:35:30.050	-0.1	20.1		1.57		TAS					m_e	
GTTG	148.57		PKPbc	06:35:34.570	-0.5	18.3		2.44		TAS					m_e	
GTTG	148.57		pPKPbc	06:38:02.170	0.6	16.2		2.72		TAS					m_e	
GUNZ	149.21		PKPdf	06:35:30.677	0.3	20.1		1.57		TAS					m_e	
GUNZ	149.21		PKPbc	06:35:35.931	-0.2	18.3		2.44		TAS					m_e	
GUNZ	149.21		PKPab	06:35:42.834		15.9		4.24		TAS					m_e	
GUNZ	149.21		pPKPbc	06:38:04.745	0.2	16.2		2.72		TAS					m_e	
HLG	146.31		PKPbc	06:35:28.768	-0.1	18.3		2.44		TAS					m_e	

IBBN	148.16	PKPdf	06:35:29.236	0.3	20.1	1.57	TAS	m_e
IBBN	148.16	PKPbc	06:35:33.402	0.1	18.3	2.44	TAS	m_e
IBBN	148.16	PKPab	06:35:37.683	-0.1	15.9	4.24	TAS	m_e
IBBN	148.16	pPKPbc	06:38:00.699	-0.1	16.2	2.72	TAS	m_e
KAST	149.15	PKPdf	06:35:30.622	-0.1	20.1	1.57	TAS	m_e
KAST	149.15	PKPbc	06:35:35.792	0.1	18.3	2.44	TAS	m_e
KAST	149.15	pPKPbc	06:38:04.446	0.6	16.2	2.72	TAS	m_e
LNIZ	145.87	PKPbc	06:35:27.373	-0.2	18.3	2.44	TAS	m_e
MANZ	149.61	PKPdf	06:35:31.283	0.1	20.1	1.57	TAS	m_e
MANZ	149.61	PKPbc	06:35:37.254	-0.1	18.3	2.44	TAS	m_e
MANZ	149.61	pPKPbc	06:38:05.969	0.1	16.2	2.72	TAS	m_e
MILB	150.34	PKPdf	06:35:32.292	-0.5	20.1	1.57	TAS	m_e
MILB	150.34	PKPbc	06:35:38.790	0.3	18.3	2.44	TAS	m_e
MILB	150.34	PKPab	06:35:47.590		15.9	4.24	TAS	m_e
MILB	150.34	pPKPbc	06:38:07.481		16.2	2.72	TAS	m_e
MOX	149.10	PKPdf	06:35:30.675	-0.1	20.1	1.57	TAS	m_e
MOX	149.10	PKPbc	06:35:35.592	0.0	18.3	2.44	TAS	m_e
MOX	149.10	PKPab	06:35:41.770	0.0	15.9	4.24	TAS	m_e
MOX	149.10	pPKPbc	06:38:03.956	0.9	16.2	2.72	TAS	m_e
NEUB	148.55	PKPdf	06:35:30.152	0.1	20.1	1.57	TAS	m_e
NEUB	148.55	PKPbc	06:35:34.433	0.4	18.3	2.44	TAS	m_e
NEUB	148.55	PKPab	06:35:39.713	-0.1	15.9	4.24	TAS	m_e
NEUB	148.55	pPKPbc	06:38:02.611	0.5	16.2	2.72	TAS	m_e
NRDL	147.63	PKPdf	06:35:28.148	0.5	20.1	1.57	TAS	m_e
NRDL	147.63	PKPbc	06:35:31.909	0.1	18.3	2.44	TAS	m_e
NRDL	147.63	PKPab	06:35:35.584	-0.2	15.9	4.24	TAS	m_e
NRDL	147.63	pPKPbc	06:37:59.163	0.2	16.2	2.72	TAS	m_e
PLN	149.13	PKPdf	06:35:30.552	-0.2	20.1	1.57	TAS	m_e
PLN	149.13	PKPbc	06:35:35.554	0.0	18.3	2.44	TAS	m_e
PLN	149.13	PKPab	06:35:42.190	-0.4	15.9	4.24	TAS	m_e
PLN	149.13	pPKPbc	06:38:04.789	0.6	16.2	2.72	TAS	m_e
RJOB	151.53	PKPdf	06:35:34.027		20.1	1.57	TAS	m_e
RJOB	151.53	PKPbc	06:35:41.088	-0.4	18.3	2.44	TAS	m_e
RJOB	151.53	PKPab	06:35:53.017		15.9	4.24	TAS	m_e
RJOB	151.53	pPKPbc	06:38:09.828		16.2	2.72	TAS	m_e
ROTZ	149.80	PKPdf	06:35:31.964	0.0	20.1	1.57	TAS	m_e
ROTZ	149.80	PKPbc	06:35:37.158	-0.1	18.3	2.44	TAS	m_e
ROTZ	149.80	pPKPbc	06:38:06.670	-0.4	16.2	2.72	TAS	m_e
RUE	146.91	PKPdf	06:35:26.994	-0.0	20.1	1.57	TAS	m_e
RUE	146.91	PKPbc	06:35:30.110	-0.1	18.3	2.44	TAS	m_e
RUE	146.91	PKPab	06:35:33.583	-0.4	15.9	4.24	TAS	m_e
SKMB	145.58	PKPbc	06:35:26.673	-0.3	18.3	2.44	TAS	m_e
STU	151.37	PKPdf	06:35:34.364		20.1	1.57	TAS	m_e
STU	151.37	PKPbc	06:35:41.109	-0.0	18.3	2.44	TAS	m_e
STU	151.37	PKPab	06:35:51.964		15.9	4.24	TAS	m_e
TANN	149.13	PKPdf	06:35:30.644	-0.0	20.1	1.57	TAS	m_e
TANN	149.13	PKPbc	06:35:35.638	-0.0	18.3	2.44	TAS	m_e
TANN	149.13	PKPab	06:35:42.042	-0.0	15.9	4.24	TAS	m_e
TANN	149.13	pPKPbc	06:38:04.807	1.0	16.2	2.72	TAS	m_e

TNS	150.10	PKPdf	06:35:32.607	0.2	20.1	1.57	TAS	m_e
TNS	150.10	PKPbc	06:35:38.186	0.1	18.3	2.44	TAS	m_e
TNS	150.10	PKPab	06:35:46.250		15.9	4.24	TAS	m_e
TNS	150.10	pPKPbc	06:38:06.974	-1.2	16.2	2.72	TAS	m_e
UBBA	149.26	PKPdf	06:35:30.681	0.1	20.1	1.57	TAS	m_e
UBBA	149.26	PKPbc	06:35:35.634	0.4	18.3	2.44	TAS	m_e
UBBA	149.26	pPKPbc	06:38:05.068	0.1	16.2	2.72	TAS	m_e
UBR	152.23	PKPdf	06:35:35.023		20.1	1.57	TAS	m_e
UBR	152.23	PKPbc	06:35:42.486		18.3	2.44	TAS	m_e
UBR	152.23	pPKPbc	06:38:11.103		16.2	2.72	TAS	m_e
WERD	149.14	PKPdf	06:35:30.570	0.1	20.1	1.57	TAS	m_e
WERD	149.14	PKPbc	06:35:35.638	0.1	18.3	2.44	TAS	m_e
WERD	149.14	PKPab	06:35:42.346		15.9	4.24	TAS	m_e
WERD	149.14	pPKPbc	06:38:04.563	0.8	16.2	2.72	TAS	m_e
WERN	149.27	PKPdf	06:35:30.905	0.4	20.1	1.57	TAS	m_e
WERN	149.27	PKPbc	06:35:36.381	0.5	18.3	2.44	TAS	m_e
WERN	149.27	PKPab	06:35:43.304		15.9	4.24	TAS	m_e
WERN	149.27	pPKPbc	06:38:05.387	0.4	16.2	2.72	TAS	m_e
WET	150.21	PKPdf	06:35:32.392	-0.1	20.1	1.57	TAS	m_e
WET	150.21	PKPbc	06:35:38.463	-0.0	18.3	2.44	TAS	m_e
WET	150.21	PKPab	06:35:47.194		15.9	4.24	TAS	m_e
WET	150.21	pPKPbc	06:38:07.282		16.2	2.72	TAS	m_e
WLF	150.96	PKPdf	06:35:34.605	-0.5	20.1	1.57	TAS	m_e
WLF	150.96	PKPbc	06:35:40.541	0.1	18.3	2.44	TAS	m_e
WLF	150.96	pPKPbc	06:38:08.932		16.2	2.72	TAS	m_e

Event 50618002 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/18	03:28:11.11			52.0460	-179.6260				33.0					78.22	78.22	m i ke	BGR
50618008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50618008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.22		P	03:40:05.778		9.6		4.90		TAS		5.4	1.02	m_e mb	4.6

Event 50618003 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/18	07:28:55.70			-19.1400	169.6700				30.0					144.97	144.97	m i ke	EMSC
50618035																	

Magnitude Err Nsta Author OrigID
Ms 5.0 BGR 50618009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	144.97		PKP	07:48:28.476		37.2		3.11		TAS				m_e	
GRA1	144.97		L	09:05:11.128						T__		263.0	19.70	a_e Ms	5.0

Event 50618006 Mariana Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/18	08:28:57.50			21.7000	143.0900				300.0					97.10	97.10	m i ke	EMSC
OrigID 50618038																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	97.10		PP	08:45:54.330						T__				m_e	

Event 50619001 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
2015/06/19	00:35:25.62			38.8120	141.1800				73.6					81.44	81.44	m i ke	BGR
OrigID 50619007																	

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 50619007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.44		P	00:47:32.959		41.0		4.52		TAS		13.3	0.90	m_e mb	5.0
GRA1	81.44		pP	00:47:52.822						T__				m_e	

Event 50619002 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/19	02:03:33.69			50.6300	177.9970				33.0					79.42	79.42	m i ke	BGR
OrigID 50619008																	

Magnitude Err Nsta Author OrigID
mb 4.7 BGR 50619008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.42		P	02:15:34.958		13.3		4.87		TAS		6.5	0.86	m_e mb	4.7

Event 50619003 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/19	03:18:51.61			44.5470	149.6430				33.0					79.38	79.38	m i ke	BGR
OrigID 50619009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50619009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.38		P	03:30:52.881		27.4		4.69		TAS		9.9	1.13	m_e mb	4.7

Event 50619004 Bonin Islands, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/19	08:10:01.17			27.8890	142.6740				33.0					91.53	91.53	m i ke	BGR
OrigID 50619010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50619010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	91.53		P	08:23:05.431		49.9		4.23		TAS		8.4	0.84	m_e mb	5.1

Event 50619006 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/19	14:47:05.33			-19.3170	-176.5260				575.1				24	145.05	151.20	m i ke	BGR
OrigID 50619012																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.79		PKPbc	15:05:24.198		14.3		2.74		TAS				m_e	
BFO	150.79		PKPab	15:05:30.806						T__				m_e	
BRG	147.44		PKPbc	15:05:15.323	0.2	14.3		2.74		TAS				m_e	

BSEG	145.05	PKPbc	15:05:08.074	0.2	14.3		2.74		TAS	m_e
CLL	147.20	PKPbc	15:05:14.460	0.3	14.3		2.74		TAS	m_e
CLZ	147.09	PKPbc	15:05:14.714	0.0	14.3		2.74		TAS	m_e
FBE	147.51	PKPbc	15:05:15.687	0.4	14.3		2.74		TAS	m_e
FLT1	146.50	pPKPbc	15:05:12.269						T__	m_e
FUR	150.54	PKPbc	15:05:23.533		14.3		2.74		TAS	m_e
GEC2	149.41	pPKPbc	15:05:20.516						T__	m_e
GRA1	149.07	PKPbc	15:05:19.994		14.3		2.74		TAS	m_e
GRA1	149.07	PKPab	15:05:23.607						T__	m_e
GRA1	149.07	pPKPbc	15:07:31.888						T__	m_e
GTTG	147.43	PKPbc	15:05:15.548	0.2	14.3		2.74		TAS	m_e
GUNZ	148.23	PKPbc	15:05:17.744	-0.4	14.3		2.74		TAS	m_e
IBBN	146.91	pPKPbc	15:05:14.447						T__	m_e
KAST	147.94	PKPbc	15:05:16.903	0.2	14.3		2.74		TAS	m_e
MANZ	148.63	PKPbc	15:05:18.845		14.3		2.74		TAS	m_e
MOX	148.08	PKPbc	15:05:17.059	0.2	14.3		2.74		TAS	m_e
NEUB	147.52	PKPbc	15:05:15.590	0.2	14.3		2.74		TAS	m_e
NRDL	146.49	PKPbc	15:05:12.570	0.1	14.3		2.74		TAS	m_e
PLN	148.14	PKPbc	15:05:17.300	-0.3	14.3		2.74		TAS	m_e
PLN	148.14	PKPab	15:05:19.246						T__	m_e
RJOB	150.65	PKPbc	15:05:23.920		14.3		2.74		TAS	m_e
ROTZ	148.82	PKPbc	15:05:19.290		14.3		2.74		TAS	m_e
TANN	148.16	PKPbc	15:05:17.497	-0.4	14.3		2.74		TAS	m_e
TANN	148.16	PKPab	15:05:19.881						T__	m_e
TNS	148.91	PKPbc	15:05:19.675		14.3		2.74		TAS	m_e
TNS	148.91	PKPab	15:05:23.200						T__	m_e
UBR	151.20	PKPbc	15:05:25.225		14.3		2.74		TAS	m_e
WERD	148.15	PKPbc	15:05:17.664	-0.3	14.3		2.74		TAS	m_e
WERN	148.29	PKPbc	15:05:18.061		14.3		2.74		TAS	m_e
WERN	148.29	PKPab	15:05:20.646						T__	m_e
WET	149.29	PKPab	15:05:24.766						T__	m_e
WLF	149.65	PKPbc	15:05:22.260		14.3		2.74		TAS	m_e

Event 50620001 Near coast of central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/20	02:10:06.50			-36.3300	-73.6600				10.0					113.69	113.69	m i ke	EMSC
	50620033																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	113.69		PP	02:29:32.075						T__					m_e

Event 50620004 Philippine Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/20	11:42:09.89			17.5840	119.6730				33.0					88.15	88.15	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50620010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	88.15		P	11:54:56.953		68.7		4.55		TAS		4.4	0.91	m_e	mb 4.8

Event 50620006 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/20	19:52:45.40	1.64	3.00	34.3800	26.1900	94.5	30.0	135	10.0				12 246	14.99	20.90	m i ke	NOA

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	15.16		P	19:56:15.068	-0.7	138.1		12.56		TAS				m_e	
CLL	19.43		P	19:57:09.218		138.1		12.56		TAS				m_e	
FBE	18.99		P	19:57:04.539		138.1		12.56		TAS				m_e	
FLT1	20.90		P	19:57:24.324		138.1		12.56		TAS				m_e	
KBA	15.96		P	19:56:24.363	-1.6	138.1		12.56		TAS				m_e	
MOA	16.15		P	19:56:28.633	0.3	138.1		12.56		TAS				m_e	
OBKA	14.99		P	19:56:12.640	-1.1	138.1		12.56		TAS				m_e	
ROTZ	18.50		P	19:56:58.514	-1.8	138.1		12.56		TAS				m_e	
TANN	18.91		P	19:57:03.201		138.1		12.56		TAS				m_e	
TNS	20.48		P	19:57:20.780		138.1		12.56		TAS				m_e	
UBR	17.94		P	19:56:52.597	0.9	138.1		12.56		TAS				m_e	
WERN	18.84		P	19:57:02.642		138.1		12.56		TAS				m_e	

Event 50620007 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/20	23:39:10.38			-23.2500	-176.8700				151.1	8.3		19		148.22	154.99	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	152.59		PKPdf	23:58:40.054	-0.2	15.9		1.42		TAS				m_e	
AHRW	152.59		PKPbc	23:58:48.662	-0.1	13.4		2.15		TAS				m_e	
AHRW	152.59		X	23:58:54.091		17.2		2.16		TAS				m_e	
AHRW	152.59		PKPab	23:58:59.519		14.5		4.25		TAS				m_e	
ASSE	150.59		PKPdf	23:58:37.185	-0.0	15.9		1.42		TAS				m_e	
ASSE	150.59		PKPbc	23:58:44.164	0.5	13.4		2.15		TAS				m_e	
BFO	154.63		PKPdf	23:58:42.768		15.9		1.42		TAS				m_e	
BFO	154.63		X	23:58:58.434		17.2		2.16		TAS				m_e	
BFO	154.63		PKPab	23:59:07.585		14.5		4.25		TAS				m_e	
BSEG	148.88		PKPbc	23:58:39.821	-0.2	13.4		2.15		TAS				m_e	
BUG	151.68		PKPdf	23:58:38.426	-0.1	15.9		1.42		TAS				m_e	
BUG	151.68		PKPbc	23:58:46.413	0.4	13.4		2.15		TAS				m_e	
BUG	151.68		pPKPbc	23:59:26.171						T__				m_e	
CLL	150.97		PKPdf	23:58:37.650	0.0	15.9		1.42		TAS				m_e	
CLL	150.97		PKPbc	23:58:45.017	0.1	13.4		2.15		TAS				m_e	
CLL	150.97		X	23:58:50.834	0.1	17.2		2.16		TAS				m_e	
CLZ	150.91		PKPdf	23:58:37.728	-0.0	15.9		1.42		TAS				m_e	
CLZ	150.91		PKPbc	23:58:45.172	0.4	13.4		2.15		TAS				m_e	
FBE	151.26		PKPdf	23:58:37.883	-0.3	15.9		1.42		TAS				m_e	
FBE	151.26		PKPbc	23:58:46.026	0.3	13.4		2.15		TAS				m_e	
FBE	151.26		X	23:58:51.376	0.4	17.2		2.16		TAS				m_e	
FLT1	150.31		PKPdf	23:58:36.409	-0.1	15.9		1.42		TAS				m_e	
FLT1	150.31		PKPbc	23:58:43.001	0.2	13.4		2.15		TAS				m_e	
FUR	154.31		PKPdf	23:58:42.070		15.9		1.42		TAS				m_e	
FUR	154.31		X	23:58:57.891		17.2		2.16		TAS				m_e	
FUR	154.31		PKPab	23:59:06.731		14.5		4.25		TAS				m_e	
GEC2	153.12		PKPdf	23:58:40.985	-0.2	15.9		1.42		TAS				m_e	
GRA1	152.85		PKPdf	23:58:40.752	-0.1	15.9		1.42		TAS				m_e	
GRA1	152.85		X	23:58:54.789		17.2		2.16		TAS				m_e	
GRA1	152.85		PKPab	23:59:00.760		14.5		4.25		TAS				m_e	
GTTG	151.26		PKPdf	23:58:37.883	-0.1	15.9		1.42		TAS				m_e	
GTTG	151.26		PKPbc	23:58:45.483	0.1	13.4		2.15		TAS				m_e	
GTTG	151.26		pPKPbc	23:59:25.267						T__				m_e	
GUNZ	152.00		PKPdf	23:58:39.124	0.5	15.9		1.42		TAS				m_e	
GUNZ	152.00		PKPbc	23:58:47.577	0.2	13.4		2.15		TAS				m_e	
GUNZ	152.00		X	23:58:52.927		17.2		2.16		TAS				m_e	
GUNZ	152.00		PKPab	23:58:57.038		14.5		4.25		TAS				m_e	
HLG	148.90		pPKPbc	23:59:19.945						T__				m_e	
IBBN	150.77		PKPdf	23:58:37.417	-0.3	15.9		1.42		TAS				m_e	
IBBN	150.77		PKPbc	23:58:44.397	0.1	13.4		2.15		TAS				m_e	
KAST	151.80		PKPdf	23:58:38.813	0.1	15.9		1.42		TAS				m_e	
KAST	151.80		PKPbc	23:58:46.879	0.2	13.4		2.15		TAS				m_e	
KAST	151.80		PKPab	23:58:55.487	0.0	14.5		4.25		TAS				m_e	
LNIZ	148.65		PKPbc	23:58:39.046	-0.5	13.4		2.15		TAS				m_e	
MANZ	152.40		PKPdf	23:58:39.744	0.2	15.9		1.42		TAS				m_e	
MANZ	152.40		PKPbc	23:58:48.197	0.4	13.4		2.15		TAS				m_e	
MANZ	152.40		X	23:58:53.548		17.2		2.16		TAS				m_e	
MANZ	152.40		PKPab	23:58:58.589		14.5		4.25		TAS				m_e	

MOX	151.87	PKPdf	23:58:38.891	0.3	15.9	1.42	TAS	m_e
MOX	151.87	PKPbc	23:58:47.189	0.2	13.4	2.15	TAS	m_e
MOX	151.87	X	23:58:51.997	-0.2	17.2	2.16	TAS	m_e
MOX	151.87	PKPab	23:58:55.952	0.0	14.5	4.25	TAS	m_e
MOX	151.87	pPKPbc	23:59:26.483				T__	m_e
NEUB	151.31	PKPdf	23:58:38.038	-0.2	15.9	1.42	TAS	m_e
NEUB	151.31	PKPbc	23:58:45.870	0.3	13.4	2.15	TAS	m_e
NRDL	150.32	PKPdf	23:58:36.719	-0.1	15.9	1.42	TAS	m_e
NRDL	150.32	PKPbc	23:58:43.544	0.0	13.4	2.15	TAS	m_e
PLN	151.91	PKPdf	23:58:38.658	0.1	15.9	1.42	TAS	m_e
PLN	151.91	PKPbc	23:58:47.189	0.3	13.4	2.15	TAS	m_e
PLN	151.91	PKPab	23:58:56.495	-0.4	14.5	4.25	TAS	m_e
PLN	151.91	pPKPbc	23:59:26.641				T__	m_e
RJOB	154.37	PKPdf	23:58:42.381		15.9	1.42	TAS	m_e
RJOB	154.37	X	23:58:58.356		17.2	2.16	TAS	m_e
RJOB	154.37	PKPab	23:59:07.352		14.5	4.25	TAS	m_e
ROTZ	152.59	PKPdf	23:58:40.054	0.4	15.9	1.42	TAS	m_e
ROTZ	152.59	PKPbc	23:58:48.274	0.1	13.4	2.15	TAS	m_e
ROTZ	152.59	X	23:58:53.781		17.2	2.16	TAS	m_e
ROTZ	152.59	PKPab	23:58:59.364		14.5	4.25	TAS	m_e
RUE	149.70	PKPbc	23:58:41.993	0.2	13.4	2.15	TAS	m_e
SKMB	148.22	PKPbc	23:58:38.193	-0.9	13.4	2.15	TAS	m_e
STU	154.08	PKPdf	23:58:41.838		15.9	1.42	TAS	m_e
STU	154.08	X	23:58:57.581		17.2	2.16	TAS	m_e
STU	154.08	PKPab	23:59:05.646		14.5	4.25	TAS	m_e
TANN	151.92	PKPdf	23:58:38.813	0.1	15.9	1.42	TAS	m_e
TANN	151.92	PKPbc	23:58:47.189	0.2	13.4	2.15	TAS	m_e
TANN	151.92	X	23:58:52.307		17.2	2.16	TAS	m_e
TANN	151.92	PKPab	23:58:56.572		14.5	4.25	TAS	m_e
TNS	152.76	PKPdf	23:58:40.364	-0.3	15.9	1.42	TAS	m_e
TNS	152.76	PKPbc	23:58:48.740	-2.3	13.4	2.15	TAS	m_e
TNS	152.76	X	23:58:54.556		17.2	2.16	TAS	m_e
TNS	152.76	PKPab	23:58:59.829		14.5	4.25	TAS	m_e
UBBA	151.97	PKPdf	23:58:38.968	0.2	15.9	1.42	TAS	m_e
UBBA	151.97	PKPbc	23:58:47.111	0.6	13.4	2.15	TAS	m_e
UBBA	151.97	PKPab	23:58:56.960		14.5	4.25	TAS	m_e
UBR	154.99	PKPdf	23:58:43.079		15.9	1.42	TAS	m_e
UBR	154.99	PKPbc	23:58:51.221		13.4	2.15	TAS	m_e
UBR	154.99	X	23:58:58.589		17.2	2.16	TAS	m_e
UBR	154.99	pPKPbc	23:59:33.105				T__	m_e
WERD	151.92	PKPdf	23:58:38.736	0.0	15.9	1.42	TAS	m_e
WERD	151.92	PKPbc	23:58:47.266	0.4	13.4	2.15	TAS	m_e
WERD	151.92	X	23:58:52.385		17.2	2.16	TAS	m_e
WERD	151.92	PKPab	23:58:56.650		14.5	4.25	TAS	m_e
WERD	151.92	pPKPbc	23:59:26.831				T__	m_e
WERN	152.06	PKPdf	23:58:39.511	0.2	15.9	1.42	TAS	m_e
WERN	152.06	PKPbc	23:58:47.887	-0.1	13.4	2.15	TAS	m_e
WERN	152.06	X	23:58:53.238		17.2	2.16	TAS	m_e
WERN	152.06	PKPab	23:58:57.503		14.5	4.25	TAS	m_e

WERN	152.06	pPKPbc	23:59:27.298							T__							m_e
WET	153.03	PKPdf	23:58:40.752	-0.1	15.9			1.42		TAS							m_e
WET	153.03	PKPbc	23:58:49.438		13.4			2.15		TAS							m_e
WET	153.03	X	23:58:55.487		17.2			2.16		TAS							m_e
WET	153.03	PKPab	23:59:01.458		14.5			4.25		TAS							m_e
WLF	153.53	PKPdf	23:58:41.838		15.9			1.42		TAS							m_e
WLF	153.53	X	23:58:57.348		17.2			2.16		TAS							m_e
WLF	153.53	PKPab	23:59:04.095		14.5			4.25		TAS							m_e

Event 50621001 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/21	04:16:17.41			38.3280	143.1230				33.0					82.62	82.62	m i ke	BGR
OrigID 50621007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50621007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.62		P	04:28:36.075		37.5		4.34		TAS		2.5	0.96	m_e mb	4.4

Event 50621002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/21	05:24:24.28			-21.1100	-178.0300				600.0				33	145.97	152.69	m i ke	BGR
OrigID 50621008																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.35		PKPbc	05:43:08.653	-0.1	16.4		2.39		TAS					m_e
AHRW	150.35		PKPab	05:43:17.188		15.4		4.19		TAS					m_e
ASSE	148.31		PKPbc	05:43:03.342	0.1	16.4		2.39		TAS					m_e
BFO	152.37		PKPbc	05:43:12.815		16.4		2.39		TAS					m_e
BSEG	146.62		PKPbc	05:42:59.240	-0.0	16.4		2.39		TAS					m_e
BUG	149.45		PKPbc	05:43:06.242	0.1	16.4		2.39		TAS					m_e
CLL	148.65		PKPbc	05:43:04.336	0.1	16.4		2.39		TAS					m_e
CLZ	148.63		PKPbc	05:43:04.289	0.5	16.4		2.39		TAS					m_e
FBE	148.93		PKPbc	05:43:05.501	0.0	16.4		2.39		TAS					m_e
FBE	148.93		PKPab	05:43:11.507	-0.1	15.4		4.19		TAS					m_e
FLT1	148.02		PKPbc	05:43:02.363	0.0	16.4		2.39		TAS					m_e
FUR	151.99		PKPbc	05:43:11.997		16.4		2.39		TAS					m_e
FUR	151.99		PKPab	05:43:24.196		15.4		4.19		TAS					m_e

GEC2	150.78	PKPbc	05:43:09.257	-0.4	16.4	2.39	TAS	m_e
GRA1	150.55	PKPbc	05:43:08.996	-0.1	16.4	2.39	TAS	m_e
GRA1	150.55	PKPab	05:43:18.590		15.4	4.19	TAS	m_e
GUNZ	149.68	PKPbc	05:43:07.077	0.2	16.4	2.39	TAS	m_e
IBBN	148.54	PKPbc	05:43:04.089	0.1	16.4	2.39	TAS	m_e
KAST	149.54	PKPbc	05:43:06.414	0.2	16.4	2.39	TAS	m_e
LNIZ	146.34	PKPbc	05:42:58.366	-0.1	16.4	2.39	TAS	m_e
MANZ	150.09	PKPbc	05:43:07.968	0.2	16.4	2.39	TAS	m_e
MANZ	150.09	PKPab	05:43:16.160		15.4	4.19	TAS	m_e
MOX	149.56	PKPbc	05:43:06.495	0.3	16.4	2.39	TAS	m_e
MOX	149.56	PKPab	05:43:13.702		15.4	4.19	TAS	m_e
NEUB	149.01	PKPbc	05:43:05.124	0.1	16.4	2.39	TAS	m_e
NEUB	149.01	PKPab	05:43:12.035	0.2	15.4	4.19	TAS	m_e
NRDL	148.04	PKPbc	05:43:02.759	-0.1	16.4	2.39	TAS	m_e
PLN	149.60	PKPbc	05:43:06.666	0.3	16.4	2.39	TAS	m_e
RJOB	152.03	PKPbc	05:43:12.134		16.4	2.39	TAS	m_e
RJOB	152.03	PKPab	05:43:25.099		15.4	4.19	TAS	m_e
ROTZ	150.27	PKPbc	05:43:08.379	-0.3	16.4	2.39	TAS	m_e
ROTZ	150.27	PKPab	05:43:16.961		15.4	4.19	TAS	m_e
RUE	147.38	PKPbc	05:43:01.207	-0.3	16.4	2.39	TAS	m_e
SKMB	145.97	PKPbc	05:42:57.292	-0.4	16.4	2.39	TAS	m_e
STU	151.80	PKPbc	05:43:11.655	-0.8	16.4	2.39	TAS	m_e
STU	151.80	PKPab	05:43:22.975		15.4	4.19	TAS	m_e
TANN	149.60	PKPbc	05:43:06.871	0.3	16.4	2.39	TAS	m_e
TNS	150.50	PKPbc	05:43:08.996	0.3	16.4	2.39	TAS	m_e
TNS	150.50	PKPab	05:43:17.955		15.4	4.19	TAS	m_e
UBR	152.69	PKPbc	05:43:13.114		16.4	2.39	TAS	m_e
WERD	149.61	PKPbc	05:43:06.734	0.3	16.4	2.39	TAS	m_e
WERD	149.61	PKPab	05:43:14.336		15.4	4.19	TAS	m_e
WERN	149.74	PKPbc	05:43:07.214	0.3	16.4	2.39	TAS	m_e
WERN	149.74	PKPab	05:43:15.151		15.4	4.19	TAS	m_e
WET	150.70	PKPbc	05:43:09.179	-0.3	16.4	2.39	TAS	m_e
WET	150.70	PKPab	05:43:19.115		15.4	4.19	TAS	m_e
WLF	151.31	PKPbc	05:43:11.144	-0.3	16.4	2.39	TAS	m_e
WLF	151.31	PKPab	05:43:21.758		15.4	4.19	TAS	m_e

Event 50621005 Lake Baykal, Russia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/21	14:31:09.68			54.3280	109.5640				33.0					55.87	55.87	m i ke	BGR
50621011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	50621011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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GRA1 55.87 P 14:40:42.568 44.6 6.46 TAS 5.4 1.08 m_e mb 4.5

Event 50621006 Off coast of central America

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/21	17:19:47.91			12.4010	-90.7870				33.0					88.27	88.27	m i ke	BGR

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 50621012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	88.27		P	17:32:35.745		279.0		5.14		TAS		6.8	1.25	m_e mb	4.8

Event 50621007 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/21	21:28:16.75			-20.9100	-178.1300				576.0	3.0		37		145.31	152.47	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.15		PKPdf	21:46:57.085	0.4	16.8		1.53		TAS				m_e	
AHRW	150.15		PKPbc	21:47:02.779	-0.0	16.8		2.49		TAS				m_e	
ASSE	148.10		PKPdf	21:46:53.474	0.0	16.8		1.53		TAS				m_e	
ASSE	148.10		PKPbc	21:46:57.502	-0.0	16.8		2.49		TAS				m_e	
BFO	152.15		PKPdf	21:46:59.654		16.8		1.53		TAS				m_e	
BFO	152.15		PKPbc	21:47:07.222	-0.4	16.8		2.49		TAS				m_e	
BFO	152.15		PKPab	21:47:18.193		15.8		4.21		TAS				m_e	
BFO	152.15		pPKPbc	21:49:20.030						T__				m_e	
BSEG	146.40		PKPbc	21:46:53.058	-0.3	16.8		2.49		TAS				m_e	
BUG	149.24		PKPdf	21:46:55.280	0.1	16.8		1.53		TAS				m_e	
BUG	149.24		PKPbc	21:47:00.279	-0.3	16.8		2.49		TAS				m_e	
CLL	148.43		PKPdf	21:46:53.960	-0.3	16.8		1.53		TAS				m_e	
CLL	148.43		PKPbc	21:46:58.543	0.1	16.8		2.49		TAS				m_e	
CLZ	148.42		PKPdf	21:46:54.585	-0.1	16.8		1.53		TAS				m_e	
CLZ	148.42		PKPbc	21:46:58.682	0.3	16.8		2.49		TAS				m_e	
CLZ	148.42		pPKPbc	21:49:10.653						T__				m_e	
FBE	148.72		PKPdf	21:46:54.863	-0.0	16.8		1.53		TAS				m_e	
FBE	148.72		PKPbc	21:46:59.307	0.2	16.8		2.49		TAS				m_e	
FBE	148.72		PKPab	21:47:04.306	0.3	15.8		4.21		TAS				m_e	
FBE	148.72		pPKPbc	21:49:11.799						T__				m_e	

FLT1	147.81	PKPdf	21:46:53.127	0.4	16.8	1.53	TAS	m_e
FLT1	147.81	PKPbc	21:46:56.668	-0.1	16.8	2.49	TAS	m_e
FUR	151.77	PKPdf	21:46:59.168		16.8	1.53	TAS	m_e
FUR	151.77	PKPbc	21:47:06.181	-0.6	16.8	2.49	TAS	m_e
FUR	151.77	PKPab	21:47:17.221		15.8	4.21	TAS	m_e
GEC2	150.56	PKPdf	21:46:57.710	-0.3	16.8	1.53	TAS	m_e
GEC2	150.56	PKPbc	21:47:03.612	-0.3	16.8	2.49	TAS	m_e
GRA1	150.33	PKPdf	21:46:57.293	-0.2	16.8	1.53	TAS	m_e
GRA1	150.33	PKPbc	21:47:03.542	0.4	16.8	2.49	TAS	m_e
GRA1	150.33	PKPab	21:47:10.972		15.8	4.21	TAS	m_e
GRA1	150.33	pPKPbc	21:49:15.697				T__	m_e
GTTG	148.78	PKPdf	21:46:54.794	-0.1	16.8	1.53	TAS	m_e
GTTG	148.78	PKPbc	21:46:59.515	0.3	16.8	2.49	TAS	m_e
GUNZ	149.47	PKPdf	21:46:56.043	0.1	16.8	1.53	TAS	m_e
GUNZ	149.47	PKPbc	21:47:01.459	0.5	16.8	2.49	TAS	m_e
GUNZ	149.47	PKPab	21:47:07.431		15.8	4.21	TAS	m_e
HLG	146.47	PKPbc	21:46:53.544	-0.1	16.8	2.49	TAS	m_e
IBBN	148.33	PKPdf	21:46:53.822	0.4	16.8	1.53	TAS	m_e
IBBN	148.33	PKPbc	21:46:58.196	-0.1	16.8	2.49	TAS	m_e
IBBN	148.33	PKPab	21:47:02.709	0.1	15.8	4.21	TAS	m_e
IBBN	148.33	pPKPbc	21:49:10.097				T__	m_e
KAST	149.33	PKPdf	21:46:55.627	-0.2	16.8	1.53	TAS	m_e
KAST	149.33	PKPbc	21:47:00.765	0.1	16.8	2.49	TAS	m_e
KAST	149.33	PKPab	21:47:06.181		15.8	4.21	TAS	m_e
LNIZ	146.12	PKPbc	21:46:52.364	-0.3	16.8	2.49	TAS	m_e
MANZ	149.87	PKPdf	21:46:56.668	0.1	16.8	1.53	TAS	m_e
MANZ	149.87	PKPbc	21:47:02.292	0.3	16.8	2.49	TAS	m_e
MANZ	149.87	pPKPbc	21:49:14.288				T__	m_e
MOX	149.35	PKPdf	21:46:55.488	0.2	16.8	1.53	TAS	m_e
MOX	149.35	PKPbc	21:47:00.904	0.3	16.8	2.49	TAS	m_e
NEUB	148.79	PKPdf	21:46:55.141	-0.2	16.8	1.53	TAS	m_e
NEUB	148.79	PKPbc	21:46:59.654	0.4	16.8	2.49	TAS	m_e
NRDL	147.83	PKPdf	21:46:53.474	0.1	16.8	1.53	TAS	m_e
NRDL	147.83	PKPbc	21:46:56.946	0.1	16.8	2.49	TAS	m_e
NRDL	147.83	pPKPbc	21:49:08.614				T__	m_e
PLN	149.39	PKPdf	21:46:55.557	0.2	16.8	1.53	TAS	m_e
PLN	149.39	PKPbc	21:47:01.112	0.3	16.8	2.49	TAS	m_e
PLN	149.39	PKPab	21:47:06.945		15.8	4.21	TAS	m_e
RGN	145.31	PKPbc	21:46:50.072	-0.5	16.8	2.49	TAS	m_e
RJOB	151.82	PKPdf	21:46:59.237		16.8	1.53	TAS	m_e
RJOB	151.82	PKPbc	21:47:06.042	-0.9	16.8	2.49	TAS	m_e
RJOB	151.82	PKPab	21:47:17.776		15.8	4.21	TAS	m_e
ROTZ	150.06	PKPdf	21:46:56.807	0.1	16.8	1.53	TAS	m_e
ROTZ	150.06	PKPbc	21:47:02.640	0.2	16.8	2.49	TAS	m_e
ROTZ	150.06	pPKPbc	21:49:14.763				T__	m_e
RUE	147.17	PKPdf	21:46:52.155	-0.3	16.8	1.53	TAS	m_e
RUE	147.17	PKPbc	21:46:55.210	-0.1	16.8	2.49	TAS	m_e
SKMB	145.76	PKPbc	21:46:51.391	-0.4	16.8	2.49	TAS	m_e
STU	151.59	PKPdf	21:46:59.168		16.8	1.53	TAS	m_e

STU	151.59	PKPbc	21:47:06.181	-0.0	16.8	2.49	TAS	m_e
STU	151.59	PKPab	21:47:16.110		15.8	4.21	TAS	m_e
TANN	149.39	PKPdf	21:46:55.557	0.2	16.8	1.53	TAS	m_e
TANN	149.39	PKPbc	21:47:01.112	0.3	16.8	2.49	TAS	m_e
TANN	149.39	PKPab	21:47:06.806		15.8	4.21	TAS	m_e
TNS	150.29	PKPdf	21:46:57.224	0.1	16.8	1.53	TAS	m_e
TNS	150.29	PKPbc	21:47:03.403	0.4	16.8	2.49	TAS	m_e
TNS	150.29	PKPab	21:47:10.763		15.8	4.21	TAS	m_e
UBBA	149.47	PKPdf	21:46:55.627	0.1	16.8	1.53	TAS	m_e
UBBA	149.47	PKPbc	21:47:00.834	-0.1	16.8	2.49	TAS	m_e
UBBA	149.47	PKPab	21:47:07.778		15.8	4.21	TAS	m_e
UBBA	149.47	pPKPbc	21:49:13.269				T__	m_e
UBR	152.47	PKPdf	21:47:00.209		16.8	1.53	TAS	m_e
UBR	152.47	PKPbc	21:47:08.055	-0.4	16.8	2.49	TAS	m_e
UBR	152.47	pPKPbc	21:49:20.736				T__	m_e
WERD	149.39	PKPdf	21:46:55.766	0.1	16.8	1.53	TAS	m_e
WERD	149.39	PKPbc	21:47:00.904	0.1	16.8	2.49	TAS	m_e
WERD	149.39	PKPab	21:47:07.083		15.8	4.21	TAS	m_e
WERN	149.53	PKPdf	21:46:56.182	0.2	16.8	1.53	TAS	m_e
WERN	149.53	PKPbc	21:47:01.459	0.3	16.8	2.49	TAS	m_e
WERN	149.53	PKPab	21:47:07.917		15.8	4.21	TAS	m_e
WERN	149.53	pPKPbc	21:49:13.450				T__	m_e
WET	150.49	PKPdf	21:46:57.571	-0.3	16.8	1.53	TAS	m_e
WET	150.49	PKPbc	21:47:03.542	-0.1	16.8	2.49	TAS	m_e
WET	150.49	PKPab	21:47:11.805		15.8	4.21	TAS	m_e
WET	150.49	pPKPbc	21:49:16.223				T__	m_e
WLF	151.11	PKPdf	21:46:58.890	-0.2	16.8	1.53	TAS	m_e
WLF	151.11	PKPbc	21:47:05.556	0.3	16.8	2.49	TAS	m_e
WLF	151.11	PKPab	21:47:14.652		15.8	4.21	TAS	m_e

Event 50622001 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
2015/06/22	02:17:58.95			39.7700	142.9620				33.0			32		77.14	83.50	m i ke	BGR
50622007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50622007
Ms	4.7		BGR	50622007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	82.10		P	02:30:14.477	-0.2	35.5		5.32		TAS		10.7	0.88	a_e mb	5.0
ASSE	79.51		P	02:30:01.308	0.0	35.5		5.32		TAS		5.7	0.93	m_e mb	4.6
BFO	83.50		P	02:30:21.727		35.5		5.32		TAS		28.4	1.18	a_e mb	5.4
BSEG	78.16		P	02:29:53.727	-0.4	35.5		5.32		TAS		28.1	1.09	a_e mb	5.3
BUG	81.27		P	02:30:09.927	0.1	35.5		5.32		TAS		9.4	0.81	a_e mb	4.9

CLL	79.32	P	02:29:59.327	0.0	35.5	5.32	TAS	21.7	0.94	a_e	mb	5.2
CLZ	79.86	P	02:30:02.977	0.2	35.5	5.32	TAS	26.2	1.11	a_e	mb	5.1
FBE	79.50	P	02:30:00.827	-0.2	35.5	5.32	TAS	22.4	0.93	a_e	mb	5.2
FLT1	79.15	P	02:29:58.327	0.1	35.5	5.32	TAS	25.5	1.06	a_e	mb	5.2
FUR	82.52	P	02:30:16.727		35.5	5.32	TAS	30.6	1.02	a_e	mb	5.4
GEC2	81.02	P	02:30:08.477	0.4	35.5	5.32	TAS	9.0	1.05	a_e	mb	4.7
GRA1	81.30	P	02:30:10.677	0.0	35.5	5.32	TAS	26.4	0.96	a_e	mb	5.2
GRA1	81.30	L	03:09:36.117				T__	305.8	18.30	a_e	Ms	4.7
GTTG	80.25	P	02:30:04.877	0.1	35.5	5.32	TAS	20.3	1.02	a_e	mb	5.0
GUNZ	80.33	P	02:30:05.227	0.1	35.5	5.32	TAS	11.7	1.09	a_e	mb	4.7
IBBN	80.38	P	02:30:05.377	0.4	35.5	5.32	TAS	24.6	1.05	a_e	mb	5.1
KAST	81.08	P	02:30:09.227	-0.0	35.5	5.32	TAS	8.7	1.14	a_e	mb	4.7
LNIZ	77.14	P	02:29:47.927	-0.1	35.5	5.32	TAS	39.2	1.07	a_e	mb	5.5
MANZ	80.72	P	02:30:07.227	-0.3	35.5	5.32	TAS	10.8	1.08	m_e	mb	4.8
MOX	80.38	P	02:30:05.327	-0.5	35.5	5.32	TAS	9.8	0.97	a_e	mb	4.7
NEUB	79.87	P	02:30:02.477	0.0	35.5	5.32	TAS	33.3	0.98	a_e	mb	5.2
NRDL	79.42	P	02:30:00.227	0.4	35.5	5.32	TAS	9.9	0.92	a_e	mb	4.8
PLN	80.30	P	02:30:04.927	-0.0	35.5	5.32	TAS	7.1	0.94	a_e	mb	4.6
RJOB	82.27	P	02:30:15.527	-0.3	35.5	5.32	TAS	89.5	0.94	a_e	mb	5.9
ROTZ	80.86	P	02:30:08.327	0.2	35.5	5.32	TAS	25.4	1.51	a_e	mb	5.0
RUE	78.10	P	02:29:53.177	-0.5	35.5	5.32	TAS	16.8	0.77	a_e	mb	5.2
STU	82.82	P	02:30:18.206		35.5	5.32	TAS	15.3	0.80	m_e	mb	5.3
TANN	80.24	P	02:30:04.677	-0.0	35.5	5.32	TAS	6.6	1.05	a_e	mb	4.5
TNS	81.88	P	02:30:13.327	-0.1	35.5	5.32	TAS	20.1	1.52	a_e	mb	5.0
UBBA	80.83	P	02:30:07.293	0.2	35.5	5.32	TAS	12.3	1.48	m_e	mb	4.7
WERD	80.28	P	02:30:04.832	0.1	35.5	5.32	TAS	12.7	1.05	m_e	mb	4.8
WERN	80.38	P	02:30:05.527	0.0	35.5	5.32	TAS	13.3	1.05	a_e	mb	4.8
WET	81.11	P	02:30:09.477	-0.1	35.5	5.32	TAS	13.7	1.20	a_e	mb	4.9

Event 50622006 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/22	15:35:21.01			42.0580	143.0840				72.7					79.35	79.35	m i ke	BGR
50622012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50622012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	79.35		P	15:47:17.175		34.1		4.60		TAS		18.0	1.00	m_e	mb	5.1
GRA1	79.35		pP	15:47:36.731						T__				m_e		

Event 50623001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/23	08:59:56.57			-20.1700	-174.7500				148.6	4.5		38		145.13	152.28	m i k e	BGR
50623007																	

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	149.66		PKPbc	09:19:28.275	-0.0	11.0		2.72		TAS					m_e
AHRW	149.66		pPKPbc	09:20:07.379						T__					m_e
ASSE	147.82		PKPdf	09:19:20.813	-0.1	10.0		1.53		TAS					m_e
ASSE	147.82		PKPbc	09:19:23.090	0.1	11.0		2.72		TAS					m_e
ASSE	147.82		pPKPbc	09:20:01.943						T__					m_e
BFO	151.80		PKPbc	09:19:33.250	-0.7	11.0		2.72		TAS					m_e
BFO	151.80		PKPab	09:19:41.175		8.3		4.05		TAS					m_e
BFO	151.80		pPKPbc	09:20:13.330						T__					m_e
BRG	148.60		PKPdf	09:19:21.994	-0.2	10.0		1.53		TAS					m_e
BRG	148.60		PKPbc	09:19:25.451	0.2	11.0		2.72		TAS					m_e
BSEG	146.07		PKPbc	09:19:18.115	-0.2	11.0		2.72		TAS					m_e
BSEG	146.07		pPKPbc	09:19:57.329						T__					m_e
BUG	148.75		PKPdf	09:19:22.205	0.0	10.0		1.53		TAS					m_e
BUG	148.75		PKPbc	09:19:25.577	-0.2	11.0		2.72		TAS					m_e
BUG	148.75		pPKPbc	09:20:04.888						T__					m_e
CLL	148.33		PKPdf	09:19:21.656	-0.2	10.0		1.53		TAS					m_e
CLL	148.33		PKPbc	09:19:24.776	0.3	11.0		2.72		TAS					m_e
CLZ	148.14		PKPdf	09:19:21.614	-0.2	10.0		1.53		TAS					m_e
CLZ	148.14		PKPbc	09:19:24.397	0.5	11.0		2.72		TAS					m_e
CLZ	148.14		pPKPbc	09:20:02.811						T__					m_e
FBE	148.65		PKPdf	09:19:22.036	-0.0	10.0		1.53		TAS					m_e
FBE	148.65		PKPbc	09:19:25.956	0.6	11.0		2.72		TAS					m_e
FLT1	147.56		PKPdf	09:19:20.603	0.0	10.0		1.53		TAS					m_e
FLT1	147.56		PKPbc	09:19:22.162	-0.2	11.0		2.72		TAS					m_e
FUR	151.65		PKPbc	09:19:33.123	-0.3	11.0		2.72		TAS					m_e
GEC2	150.59		PKPbc	09:19:30.467	-0.2	11.0		2.72		TAS					m_e
GRA1	150.16		PKPbc	09:19:29.708	0.3	11.0		2.72		TAS					m_e
GRA1	150.16		PKPab	09:19:34.725		8.3		4.05		TAS					m_e
GTTG	148.47		PKPdf	09:19:21.825	-0.2	10.0		1.53		TAS					m_e
GTTG	148.47		PKPbc	09:19:25.155	0.3	11.0		2.72		TAS					m_e
GTTG	148.47		PKPab	09:19:27.896		8.3		4.05		TAS					m_e
GTTG	148.47		pPKPbc	09:20:03.733						T__					m_e
GUNZ	149.35		PKPdf	09:19:23.216		10.0		1.53		TAS					m_e
GUNZ	149.35		PKPbc	09:19:27.685	0.5	11.0		2.72		TAS					m_e
GUNZ	149.35		PKPab	09:19:31.479		8.3		4.05		TAS					m_e
GUNZ	149.35		pPKPbc	09:20:06.327						T__					m_e
HLG	145.98		PKPbc	09:19:18.200	-0.1	11.0		2.72		TAS					m_e
IBBN	147.87		PKPdf	09:19:20.982	-0.1	10.0		1.53		TAS					m_e
IBBN	147.87		PKPbc	09:19:23.469	0.1	11.0		2.72		TAS					m_e
KAST	148.93		PKPdf	09:19:22.331	0.3	10.0		1.53		TAS					m_e
KAST	148.93		PKPbc	09:19:26.420	0.2	11.0		2.72		TAS					m_e

Magnitude Err Nsta Author OrigID
 mb 6.7 BGR 50623009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	92.71		P	12:30:45.328	-0.0	43.0		4.60		TAS		184.1	1.19	a_e	mb 6.4
ASSE	90.02		P	12:30:32.828	-0.2	43.0		4.60		TAS		208.3	2.27	a_e	mb 6.0
BFO	93.86		P	12:30:50.428	-0.2	43.0		4.60		TAS		311.4	1.06	a_e	mb 6.6
BFO	93.86		pP	12:31:48.758						T__				m_e	
BRG	89.50		P	12:30:30.428	-0.2	43.0		4.60		TAS		564.8	1.60	a_e	mb 6.5
BSEG	88.84		P	12:30:27.278	-0.3	43.0		4.60		TAS		263.6	1.10	a_e	mb 6.4
BUG	91.94		P	12:30:41.378	-0.4	43.0		4.60		TAS		239.6	0.93	a_e	mb 6.5
BUG	91.94		pP	12:31:40.298						T__				m_e	
BUG	91.94		PP	12:34:24.125		46.5		7.27		TAS				m_e	
CLL	89.61		P	12:30:30.678	-0.5	43.0		4.60		TAS		3267.1	3.83	a_e	mb 6.9
CLZ	90.36		P	12:30:34.678	0.1	43.0		4.60		TAS		2401.1	3.67	m_e	mb 6.8
FBE	89.73		P	12:30:31.778	0.1	43.0		4.60		TAS		3524.8	3.51	a_e	mb 7.0
FLT1	89.64		P	12:30:30.478	-0.8	43.0		4.60		TAS		189.5	0.95	a_e	mb 6.3
FUR	92.65		P	12:30:45.378	0.2	43.0		4.60		TAS		786.6	1.10	a_e	mb 7.1
GEC2	91.04		P	12:30:37.478	-0.3	43.0		4.60		TAS		429.1	1.33	a_e	mb 6.6
GRA1	91.57		P	12:30:40.478	0.3	43.0		4.60		TAS		664.9	1.48	a_e	mb 6.8
GRA1	91.57		pP	12:31:38.759						T__				m_e	
GTTG	90.75		P	12:30:36.278	-0.1	43.0		4.60		TAS		616.6	1.95	a_e	mb 6.6
GTTG	90.75		PP	12:34:15.405		46.5		7.27		TAS				m_e	
GUNZ	90.59		P	12:30:35.678	0.0	43.0		4.60		TAS		2508.1	3.77	a_e	mb 6.9
GUNZ	90.59		pP	12:31:34.279						T__				m_e	
HLG	89.61		P	12:30:30.878	-0.2	43.0		4.60		TAS		7849.7	5.80	a_e	mb 7.1
IBBN	91.09		P	12:30:37.578	-0.3	43.0		4.60		TAS		5930.2	3.78	a_e	mb 7.3
IBBN	91.09		pP	12:31:37.222						T__				m_e	
KAST	91.65		P	12:30:40.428	-0.1	43.0		4.60		TAS		1658.7	3.79	a_e	mb 6.7
KAST	91.65		PP	12:34:22.584		46.5		7.27		TAS				m_e	
LNIZ	87.55		P	12:30:21.428	-0.2	43.0		4.60		TAS		724.6	1.16	a_e	mb 6.9
MANZ	90.96		P	12:30:37.428	0.1	43.0		4.60		TAS		382.6	1.47	a_e	mb 6.5
MANZ	90.96		pP	12:31:35.981						T__				m_e	
MOX	90.70		P	12:30:36.078	-0.1	43.0		4.60		TAS		319.1	1.44	a_e	mb 6.4
MOX	90.70		PP	12:34:12.916		46.5		7.27		TAS				m_e	
NEUB	90.24		P	12:30:33.828	-0.2	43.0		4.60		TAS		212.9	0.81	a_e	mb 6.4
NRDL	89.99		P	12:30:32.578	-0.3	43.0		4.60		TAS		159.0	1.16	a_e	mb 6.1
PLN	90.58		P	12:30:35.528	-0.1	43.0		4.60		TAS		348.1	1.47	a_e	mb 6.5
RGN	87.18		P	12:30:21.028	1.1	43.0		4.60		TAS		725.6	1.23	a_e	mb 6.7
RJOB	92.25		P	12:30:43.528	0.2	43.0		4.60		TAS		5918.8	2.40	a_e	mb 7.5
RJOB	92.25		pP	12:31:41.092						T__				m_e	
ROTZ	91.07		P	12:30:38.178	0.3	43.0		4.60		TAS		635.6	1.52	a_e	mb 6.7
ROTZ	91.07		pP	12:31:36.818						T__				m_e	
RUE	88.45		P	12:30:25.528	-0.2	43.0		4.60		TAS		2121.3	3.02	a_e	mb 6.9
SKMB	88.61		P	12:30:26.678	0.2	43.0		4.60		TAS		1029.8	1.27	a_e	mb 6.9
STU	93.15		P	12:30:47.378	-0.0	43.0		4.60		TAS		364.4	1.10	a_e	mb 6.7
TANN	90.49		P	12:30:35.178	-0.0	43.0		4.60		TAS		346.9	1.62	a_e	mb 6.3
TANN	90.49		PP	12:34:13.638		46.5		7.27		TAS				m_e	
TNS	92.38		P	12:30:43.878	0.0	43.0		4.60		TAS		1787.5	3.76	a_e	mb 6.8

Magnitude Err Nsta Author OrigID
 mb 4.1 BGR 50624009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	17.37		P	08:41:07.958		132.9		11.76		TAS		14.4	0.89	m_e	mb 4.1

Event 50624008 Northern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/24	19:12:58.25			42.0090	88.2640				33.0			35		48.93	55.02	m i ke	BGR

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 50624014
 Ms 4.6 BGR 50624014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	54.11		P	19:22:18.359		67.1		7.46		TAS		22.4	1.21	a_e	mb 5.1
BFO	54.30		P	19:22:19.409		67.1		7.46		TAS		14.6	1.06	a_e	mb 4.9
BRG	49.95		P	19:21:47.359	-0.3	67.1		7.46		TAS		24.4	1.32	a_e	mb 5.0
BSEG	50.97		P	19:21:55.459	1.2	67.1		7.46		TAS		33.2	1.12	a_e	mb 5.2
BUG	53.63		P	19:22:14.759	-0.1	67.1		7.46		TAS		23.8	0.96	a_e	mb 5.2
CLL	50.35		P	19:21:50.009	-0.6	67.1		7.46		TAS		30.4	1.16	a_e	mb 5.1
CLZ	51.69		P	19:22:00.509	0.4	67.1		7.46		TAS		17.3	1.04	a_e	mb 4.9
FBE	50.28		P	19:21:50.109	0.0	67.1		7.46		TAS		60.3	1.61	a_e	mb 5.3
FLT1	51.02		P	19:21:54.609	-0.6	67.1		7.46		TAS		16.4	0.81	a_e	mb 5.0
FUR	52.58		P	19:22:07.709	-0.2	67.1		7.46		TAS		93.4	1.51	a_e	mb 5.5
GEC2	50.83		P	19:21:54.359	0.2	67.1		7.46		TAS		27.9	1.51	a_e	mb 5.0
GRA1	52.01		P	19:22:03.359	-0.1	67.1		7.46		TAS		29.6	1.03	a_e	mb 5.2
GRA1	52.01		L	19:45:04.916						T_		590.4	20.00	a_e	Ms 4.6
GTTG	52.04		P	19:22:03.309	0.5	67.1		7.46		TAS		55.5	0.97	a_e	mb 5.5
GUNZ	51.09		P	19:21:56.109	-0.0	67.1		7.46		TAS		19.8	1.05	a_e	mb 5.0
IBBN	53.01		P	19:22:09.959	-0.1	67.1		7.46		TAS		32.4	0.81	a_e	mb 5.3
KAST	53.06		P	19:22:10.559	-0.4	67.1		7.46		TAS		12.2	1.20	a_e	mb 4.7
LNIZ	48.93		P	19:21:39.459	-0.1	67.1		7.46		TAS		47.1	0.96	a_e	mb 5.5
MANZ	51.37		P	19:21:58.259	0.2	67.1		7.46		TAS		15.8	1.40	a_e	mb 4.8
MOX	51.41		P	19:21:58.409	0.7	67.1		7.46		TAS		23.9	1.20	a_e	mb 5.0
NEUB	51.12		P	19:21:55.859	-0.4	67.1		7.46		TAS		34.2	0.93	a_e	mb 5.3
NRDL	51.60		P	19:22:00.209	0.6	67.1		7.46		TAS		51.1	1.27	m_e	mb 5.3
PLN	51.15		P	19:21:56.459	-0.1	67.1		7.46		TAS		17.0	1.29	a_e	mb 4.8
RGN	49.10		P	19:21:39.976	-0.4	67.1		7.46		TAS		75.8	0.86	m_e	mb 5.7
RJOB	51.82		P	19:22:01.959	0.3	67.1		7.46		TAS		72.6	1.12	a_e	mb 5.5
ROTZ	51.39		P	19:21:58.559	-0.1	67.1		7.46		TAS		21.3	1.37	a_e	mb 4.9
RUE	49.50		P	19:21:43.659	-0.4	67.1		7.46		TAS		29.1	0.81	a_e	mb 5.4
STU	53.60		P	19:22:14.409	-0.7	67.1		7.46		TAS		18.1	0.66	a_e	mb 5.2
TANN	51.00		P	19:21:55.359	-0.1	67.1		7.46		TAS		22.1	1.23	a_e	mb 5.0

TNS	53.44	P	19:22:13.409	0.1	67.1	7.46	TAS	12.0	0.80	a_e	mb	4.9
UBBA	52.29	P	19:22:04.859	-0.1	67.1	7.46	TAS	50.2	1.85	a_e	mb	5.1
UBR	53.50	P	19:22:13.909	-0.1	67.1	7.46	TAS	27.0	0.81	a_e	mb	5.2
WERD	51.08	P	19:21:55.859	-0.1	67.1	7.46	TAS	12.5	1.00	a_e	mb	4.8
WERN	51.09	P	19:21:56.209	0.1	67.1	7.46	TAS	67.7	2.09	a_e	mb	5.2
WET	51.22	P	19:21:57.259	0.1	67.1	7.46	TAS	18.4	1.27	a_e	mb	4.9
WLF	55.02	P	19:22:25.259		67.1	7.46	TAS	23.1	1.22	a_e	mb	5.1

Event 50624009 East of North Island, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/24	22:06:32.70			-35.2700	-178.9300				40.0					163.78	163.78	m i ke	EMSC
OrigID																	
50624041																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	163.78		PKP	22:27:24.399		31.1		3.79		TAS				m_e	

Event 50624010 Southern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/24	22:32:19.30			61.8500	-151.4900				112.3				37	62.81	70.04	m i ke	BGR
OrigID																	
50624016																	

Magnitude Err Nsta Author OrigID

mb 6.1 BGR 50624016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	66.66		S	22:51:38.857	-1.0	351.8		12.12		TAS				m_e		
AHRW	66.66		ScS	22:52:41.453	-0.5	353.3		7.95		TAS				m_e		
AHRW	66.66		P	22:42:59.435	-0.2	351.5		6.36		TAS		73.3	1.20	a_e	mb	5.8
ASSE	65.49		S	22:51:26.393	-2.3	351.8		12.12		TAS				m_e		
ASSE	65.49		P	22:42:51.685	0.3	351.5		6.36		TAS		46.1	1.13	a_e	mb	5.6
BFO	68.99		S	22:52:08.811	-1.6	351.8		12.12		TAS				m_e		
BFO	68.99		ScS	22:53:01.401	-0.7	353.3		7.95		TAS				m_e		
BFO	68.99		P	22:43:13.835	0.1	351.5		6.36		TAS		119.3	1.29	a_e	mb	6.0
BRG	67.03		S	22:51:41.671	-0.7	351.8		12.12		TAS				m_e		
BRG	67.03		ScS	22:52:42.040	1.1	353.3		7.95		TAS				m_e		
BRG	67.03		P	22:43:01.485	-0.0	351.5		6.36		TAS		247.2	1.49	a_e	mb	6.2
BSEG	63.67		S	22:51:02.539	0.8	351.8		12.12		TAS				m_e		
BSEG	63.67		ScS	22:52:17.370	1.2	353.3		7.95		TAS				m_e		
BSEG	63.67		P	22:42:40.035	0.2	351.5		6.36		TAS		133.4	1.30	a_e	mb	6.0

BUG	65.80	S	22:51:29.993	0.3	351.8	12.12	TAS						m_e
BUG	65.80	ScS	22:52:34.969	-0.1	353.3	7.95	TAS						m_e
BUG	65.80	P	22:42:53.485	0.3	351.5	6.36	TAS	221.4	1.48	a_e	mb	6.2	
CLL	66.52	S	22:51:36.243	2.8	351.8	12.12	TAS						m_e
CLL	66.52	ScS	22:52:38.489	1.4	353.3	7.95	TAS						m_e
CLL	66.52	P	22:42:57.935	-0.1	351.5	6.36	TAS	177.0	1.34	a_e	mb	6.1	
CLL	66.52	PcP	22:43:26.216		353.9	4.31	TAS						m_e
CLZ	65.74	S	22:51:29.207	-0.9	351.8	12.12	TAS						m_e
CLZ	65.74	ScS	22:52:33.502	-0.1	353.3	7.95	TAS						m_e
CLZ	65.74	P	22:42:53.785	-0.3	351.5	6.36	TAS	422.0	1.50	a_e	mb	6.4	
FBE	66.93	P	22:43:01.135	-0.0	351.5	6.36	TAS	155.2	1.09	a_e	mb	6.2	
FBE	66.93	PcP	22:43:28.201		353.9	4.31	TAS						m_e
FLT1	65.34	S	22:51:23.159	0.9	351.8	12.12	TAS						m_e
FLT1	65.34	ScS	22:52:29.983		353.3	7.95	TAS						m_e
FLT1	65.34	P	22:42:50.185	0.2	351.5	6.36	TAS	151.9	1.40	a_e	mb	6.0	
FLT1	65.34	PcP	22:43:20.467	-0.3	353.9	4.31	TAS						m_e
FUR	69.47	S	22:52:14.440	-0.3	351.8	12.12	TAS						m_e
FUR	69.47	ScS	22:53:02.246	0.5	353.3	7.95	TAS						m_e
FUR	69.47	P	22:43:16.935	-0.2	351.5	6.36	TAS	207.9	0.91	a_e	mb	6.4	
FUR	69.47	PcP	22:43:38.754		353.9	4.31	TAS						m_e
GEC2	69.02	S	22:52:08.584		351.8	12.12	TAS						m_e
GEC2	69.02	P	22:43:14.285	-0.2	351.5	6.36	TAS	120.7	1.09	a_e	mb	6.0	
GRA1	67.95	S	22:51:54.538		351.8	12.12	TAS						m_e
GRA1	67.95	ScS	22:52:52.861		353.3	7.95	TAS						m_e
GRA1	67.95	P	22:43:07.735	0.1	351.5	6.36	TAS	111.1	1.02	m_e	mb	6.0	
GRA1	67.95	pP	22:43:35.482				T__						m_e
GRA1	67.95	PKPPKP	23:11:20.040		167.9	3.57	TAS						m_e
GTTG	65.99	S	22:51:32.606		351.8	12.12	TAS						m_e
GTTG	65.99	ScS	22:52:37.022		353.3	7.95	TAS						m_e
GTTG	65.99	P	22:42:55.385	0.1	351.5	6.36	TAS	279.6	1.04	a_e	mb	6.4	
GUNZ	67.39	P	22:43:04.085	0.5	351.5	6.36	TAS	97.1	1.04	a_e	mb	6.0	
GUNZ	67.39	PcP	22:43:30.051		353.9	4.31	TAS						m_e
HLG	63.17	S	22:50:57.915		351.8	12.12	TAS						m_e
HLG	63.17	PcP	22:43:11.864	0.6	353.9	4.31	TAS						m_e
IBBN	65.00	S	22:51:19.139		351.8	12.12	TAS						m_e
IBBN	65.00	P	22:42:48.785	-0.1	351.5	6.36	TAS	208.1	1.38	a_e	mb	6.2	
IBBN	65.00	PcP	22:43:20.735	0.1	353.9	4.31	TAS						m_e
KAST	66.16	S	22:51:34.233		351.8	12.12	TAS						m_e
KAST	66.16	ScS	22:52:39.400		353.3	7.95	TAS						m_e
KAST	66.16	P	22:42:56.185	-0.4	351.5	6.36	TAS	104.2	1.46	a_e	mb	5.9	
LNIZ	64.45	S	22:51:15.336		351.8	12.12	TAS						m_e
LNIZ	64.45	P	22:42:45.185	0.1	351.5	6.36	TAS	161.5	0.78	a_e	mb	6.3	
MANZ	67.75	S	22:51:51.924		351.8	12.12	TAS						m_e
MANZ	67.75	ScS	22:52:51.101		353.3	7.95	TAS						m_e
MANZ	67.75	P	22:43:06.085	0.2	351.5	6.36	TAS	105.6	1.24	a_e	mb	5.9	
MANZ	67.75	PcP	22:43:31.366		353.9	4.31	TAS						m_e
MOX	67.05	S	22:51:45.089		351.8	12.12	TAS						m_e
MOX	67.05	ScS	22:52:44.093		353.3	7.95	TAS						m_e
MOX	67.05	P	22:43:01.735	0.1	351.5	6.36	TAS	255.0	1.17	a_e	mb	6.3	

2015/06/25 00:13:27.80 7.9400 -77.8200 10.0 83.39 83.39 m i ke EMSC
50625033

Magnitude Err Nsta Author OrigID
mb 4.6 BGR 50625007

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 83.39 P 00:25:56.947 274.4 5.44 TAS 5.1 1.30 m_e mb 4.6

Event 50625002 Red Sea
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/06/25 01:21:28.20 17.2500 40.4200 50.0 40.02 40.02 m i ke EMSC
50625034

Magnitude Err Nsta Author OrigID
mb 4.1 BGR 50625008

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 40.02 P 01:28:56.696 125.1 8.21 TAS 4.2 0.88 m_e mb 4.1

Event 50625005 Tonga Islands
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/06/25 12:59:06.21 -21.3800 -173.9500 33.0 32 147.34 153.56 m i ke BGR
50625011

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
AHRW 150.89 PKPbc 13:18:56.190 0.1 9.1 2.45 TAS a_e
AHRW 150.89 PKPab 13:19:02.606 7.4 4.04 TAS m_e
ASSE 149.10 PKPbc 13:18:51.314 0.0 9.1 2.45 TAS m_e
BFO 153.05 PKPbc 13:18:59.990 9.1 2.45 TAS a_e
BRG 149.92 PKPbc 13:18:53.040 -0.0 9.1 2.45 TAS a_e
BSEG 147.34 PKPbc 13:18:46.140 -0.3 9.1 2.45 TAS a_e
BUG 149.98 PKPbc 13:18:52.840 0.0 9.1 2.45 TAS a_e
BUG 149.98 PKPab 13:18:58.859 7.4 4.04 TAS m_e
CLL 149.64 PKPbc 13:18:52.140 -0.3 9.1 2.45 TAS a_e
CLZ 149.41 PKPbc 13:18:51.780 0.0 9.1 2.45 TAS m_e
CLZ 149.41 PKPab 13:18:56.517 7.4 4.04 TAS m_e
FBE 149.97 PKPbc 13:18:53.440 0.1 9.1 2.45 TAS a_e
FBE 149.97 PKPab 13:18:59.127 7.4 4.04 TAS m_e

FLT1	148.84	PKPbc	13:18:49.940	-0.1	9.1	2.45	TAS	a_e
FUR	152.95	PKPbc	13:18:59.790		9.1	2.45	TAS	a_e
GEC2	151.92	PKPbc	13:18:57.690	0.2	9.1	2.45	TAS	a_e
GRA1	151.45	PKPbc	13:18:56.740	-0.5	9.1	2.45	TAS	a_e
GTTG	149.74	PKPbc	13:18:52.490	0.4	9.1	2.45	TAS	a_e
GTTG	149.74	PKPab	13:18:57.655		7.4	4.04	TAS	m_e
GUNZ	150.65	PKPbc	13:18:54.940	0.1	9.1	2.45	TAS	a_e
GUNZ	150.65	PKPab	13:19:02.071		7.4	4.04	TAS	m_e
IBBN	149.10	PKPbc	13:18:50.849	0.1	9.1	2.45	TAS	m_e
IBBN	149.10	PKPab	13:18:55.313	0.1	7.4	4.04	TAS	m_e
KAST	150.18	PKPbc	13:18:53.590	0.1	9.1	2.45	TAS	a_e
KAST	150.18	PKPab	13:18:59.528		7.4	4.04	TAS	m_e
MANZ	151.05	PKPbc	13:18:55.840	0.0	9.1	2.45	TAS	a_e
MOX	150.47	PKPbc	13:18:54.240	0.2	9.1	2.45	TAS	a_e
NEUB	149.91	PKPbc	13:18:52.840	0.0	9.1	2.45	TAS	a_e
NRDL	148.78	PKPbc	13:18:49.990	0.2	9.1	2.45	TAS	a_e
NRDL	148.78	PKPab	13:18:53.908	-0.1	7.4	4.04	TAS	m_e
PLN	150.56	PKPbc	13:18:54.540	0.8	9.1	2.45	TAS	a_e
RJOB	153.15	PKPbc	13:19:01.040		9.1	2.45	TAS	a_e
ROTZ	151.25	PKPbc	13:18:56.240	-0.3	9.1	2.45	TAS	a_e
RUE	148.39	PKPbc	13:18:48.940	0.5	9.1	2.45	TAS	a_e
TANN	150.59	PKPbc	13:18:54.640	-0.1	9.1	2.45	TAS	m_e
TNS	151.15	PKPbc	13:18:55.890	-0.1	9.1	2.45	TAS	a_e
UBBA	150.46	PKPbc	13:18:54.140	0.1	9.1	2.45	TAS	a_e
UBR	153.56	PKPbc	13:19:01.990		9.1	2.45	TAS	a_e
WERD	150.57	PKPbc	13:18:54.590	0.2	9.1	2.45	TAS	a_e
WET	151.77	PKPbc	13:18:57.433	0.1	9.1	2.45	TAS	m_e
WET	151.77	PKPab	13:19:06.286		7.4	4.04	TAS	m_e
WLF	151.78	PKPbc	13:18:57.740	-0.6	9.1	2.45	TAS	a_e

Event 50625007 D'Entrecasteaux Islands, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/25	15:41:17.60			-10.4300	152.0300				5.0					129.19	129.19	m i ke	EMSC
50625039																	

Magnitude Err Nsta Author OrigID
 Ms 5.1 BGR 50625013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	129.19		PKP	16:00:25.822						T__				m_e	
GRA1	129.19		PP	16:02:31.677		55.7		6.17		TAS				m_e	
GRA1	129.19		L	16:58:07.338						T__		396.6	21.20	a_e Ms	5.1

Event 50625008 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/25	16:20:27.10			-16.1600	167.6900				80.0					141.49	141.49	m i ke	EMSC
OrigID 50625040																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	141.49		PKP	16:39:50.994		38.0		1.34		TAS				m_e	

Event 50625009 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/25	18:46:02.50			-31.7400	-177.6400				33.0				37	155.90	163.02	m i ke	BGR
OrigID 50625015																	

Magnitude Err Nsta Author OrigID

Ms 6.3 BGR 50625015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	160.89		PKPab	19:06:41.176	0.0	20.7		4.30		TAS				a_e	
AHRW	160.89		PP	19:10:24.732						T__				m_e	
ASSE	158.74		PKPpdf	19:05:58.896	-0.3	16.7		1.30		TAS				m_e	
ASSE	158.74		PKPab	19:06:31.726	0.2	20.7		4.30		TAS				a_e	
ASSE	158.74		PP	19:10:13.003						T__				m_e	
BFO	162.82		PKPab	19:06:49.376	0.2	20.7		4.30		TAS				a_e	
BRG	159.04		PKPpdf	19:05:59.294	0.4	16.7		1.30		TAS				m_e	
BRG	159.04		PKPab	19:06:32.976	-0.4	20.7		4.30		TAS				a_e	
BSEG	157.09		PKPab	19:06:24.526	-0.1	20.7		4.30		TAS				a_e	
BUG	159.99		PKPpdf	19:06:00.601	-0.1	16.7		1.30		TAS				m_e	
BUG	159.99		PKPab	19:06:36.776	-0.5	20.7		4.30		TAS				a_e	
CLL	158.93		PKPpdf	19:05:59.079	0.0	16.7		1.30		TAS				m_e	
CLL	158.93		PKPab	19:06:32.226	-0.4	20.7		4.30		TAS				a_e	
CLZ	159.07		PKPpdf	19:05:58.806	-0.5	16.7		1.30		TAS				m_e	
CLZ	159.07		PKPab	19:06:33.326	0.3	20.7		4.30		TAS				a_e	
FBE	159.18		PKPpdf	19:05:58.746	-0.2	16.7		1.30		TAS				m_e	
FBE	159.18		PKPab	19:06:33.826	0.0	20.7		4.30		TAS				a_e	
FLT1	158.43		PKPpdf	19:05:58.793	-0.5	16.7		1.30		TAS				m_e	
FLT1	158.43		PKPab	19:06:29.776	-0.5	20.7		4.30		TAS				a_e	
FUR	162.25		PKPab	19:06:47.426	0.5	20.7		4.30		TAS				a_e	
GEC2	160.89		PKPpdf	19:06:02.665		16.7		1.30		TAS				m_e	
GEC2	160.89		PKPab	19:06:41.026	-0.6	20.7		4.30		TAS				a_e	
GRA1	160.88		PKPpdf	19:06:01.125		16.7		1.30		TAS				m_e	
GRA1	160.88		PKPab	19:06:41.526	0.7	20.7		4.30		TAS				m_e	

GRA1	160.88	L	20:26:44.548				T__	3802.6	18.20	a_e	Ms	6.3
GTTG	159.43	PKPdf	19:05:59.463	0.5	16.7	1.30	TAS			m_e		
GTTG	159.43	PKPab	19:06:34.726	0.2	20.7	4.30	TAS			a_e		
GTTG	159.43	PP	19:10:16.951				T__			m_e		
GUNZ	159.97	PKPdf	19:06:00.420	0.8	16.7	1.30	TAS			m_e		
GUNZ	159.97	PKPab	19:06:37.326	0.3	20.7	4.30	TAS			a_e		
HLG	157.22	PKPab	19:06:25.376	-0.2	20.7	4.30	TAS			a_e		
IBBN	159.07	PKPdf	19:05:58.434	-0.8	16.7	1.30	TAS			m_e		
IBBN	159.07	PKPab	19:06:33.126	-0.2	20.7	4.30	TAS			a_e		
KAST	160.04	PKPdf	19:06:00.178	-0.4	16.7	1.30	TAS			m_e		
KAST	160.04	PKPab	19:06:37.226	-0.1	20.7	4.30	TAS			a_e		
KAST	160.04	PP	19:10:20.738				T__			m_e		
LNIZ	156.64	PKPab	19:06:22.676	-0.0	20.7	4.30	TAS			a_e		
MANZ	160.37	PKPdf	19:06:01.533	0.2	16.7	1.30	TAS			m_e		
MANZ	160.37	PKPab	19:06:39.026	0.2	20.7	4.30	TAS			a_e		
MOX	159.90	PKPdf	19:05:59.985	0.2	16.7	1.30	TAS			m_e		
MOX	159.90	PKPab	19:06:36.676	0.0	20.7	4.30	TAS			a_e		
NEUB	159.35	PKPdf	19:05:59.167	0.1	16.7	1.30	TAS			m_e		
NEUB	159.35	PKPab	19:06:34.176	-0.1	20.7	4.30	TAS			a_e		
NRDL	158.50	PKPdf	19:05:58.873	-0.7	16.7	1.30	TAS			m_e		
NRDL	158.50	PKPab	19:06:30.426	-0.2	20.7	4.30	TAS			a_e		
PLN	159.90	PKPdf	19:05:59.480	0.6	16.7	1.30	TAS			m_e		
PLN	159.90	PKPab	19:06:36.876	0.1	20.7	4.30	TAS			a_e		
RGN	155.90	PKPab	19:06:19.476	0.1	20.7	4.30	TAS			a_e		
RJOB	162.15	PKPab	19:06:46.976	-0.1	20.7	4.30	TAS			a_e		
ROTZ	160.54	PKPdf	19:06:01.392		16.7	1.30	TAS			m_e		
ROTZ	160.54	PKPab	19:06:40.026	0.5	20.7	4.30	TAS			a_e		
RUE	157.67	PKPab	19:06:27.026	-0.1	20.7	4.30	TAS			a_e		
SKMB	156.49	PKPab	19:06:22.426	0.3	20.7	4.30	TAS			a_e		
STU	162.22	PKPab	19:06:46.826	0.3	20.7	4.30	TAS			a_e		
TANN	159.88	PKPdf	19:06:00.703	-0.0	16.7	1.30	TAS			m_e		
TANN	159.88	PKPab	19:06:36.976	0.3	20.7	4.30	TAS			a_e		
TNS	160.99	PKPdf	19:06:01.074		16.7	1.30	TAS			m_e		
TNS	160.99	PKPab	19:06:41.376	0.1	20.7	4.30	TAS			a_e		
UBBA	160.11	PKPdf	19:05:59.915	-0.4	16.7	1.30	TAS			m_e		
UBBA	160.11	PKPab	19:06:37.576	0.1	20.7	4.30	TAS			a_e		
UBBA	160.11	PP	19:10:21.397				T__			m_e		
UBR	163.02	PKPab	19:06:48.676	-1.4	20.7	4.30	TAS			a_e		
WERD	159.90	PKPdf	19:05:59.801	-0.4	16.7	1.30	TAS			m_e		
WERD	159.90	PKPab	19:06:36.926	0.2	20.7	4.30	TAS			a_e		
WET	160.89	PKPdf	19:06:01.682		16.7	1.30	TAS			m_e		
WET	160.89	PKPab	19:06:41.576	0.2	20.7	4.30	TAS			a_e		
WLF	161.87	PKPdf	19:06:02.842		16.7	1.30	TAS			m_e		
WLF	161.87	PKPab	19:06:45.776	0.2	20.7	4.30	TAS			a_e		

./2015/bul1506.txt

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/25	19:14:06.20			-32.3000	-178.1500				10.0					161.27	161.27	m i ke	EMSC
50625042																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	161.27		PKP	19:34:49.624		25.4		3.87		TAS					m_e

Event 50625011 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/25	19:18:05.10			-32.2300	-178.0000				10.0					161.24	161.24	m i ke	EMSC
50625043																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	161.24		PKP	19:38:49.305		25.0		4.25		TAS					m_e

Event 50625012 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/25	22:57:14.50			-32.1200	-178.1200				10.0					161.11	161.11	m i ke	EMSC
50625044																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	161.11		PKP	23:17:57.406		25.2		3.86		TAS					m_e
GRA1	161.11		pPKP	23:18:01.997						T__					m_e

Event 50626001 Kodiak Island, Alaska, United States, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/26	04:39:52.44			57.6130	-154.4670				33.0					71.50	72.41	m i ke	BGR
50626007																	

Magnitude Err Nsta Author OrigID

mb 5.0 BGR 50626007
 Ms 3.8 BGR 50626007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	72.41		P	04:51:13.619		349.8		5.45		TAS		7.9	0.60	m_e	mb 5.0
GRA1	72.41		L	05:28:14.645						T__		50.0	18.70	a_e	Ms 3.8
MOX	71.50		L	05:25:37.084						T__		47.5	20.90	a_e	Ms 3.7

Event 50626012 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/26	18:30:14.31			45.6440	146.0510				33.0			28		73.88	78.71	m i ke	BGR
	50626018																

Magnitude Err Nsta Author OrigID
 mb 5.2 BGR 50626018
 Ms 3.7 BGR 50626018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.82		P	18:42:06.618	-0.4	30.6		5.63		TAS				m_e	
BRG	75.33		P	18:41:52.468	0.5	30.6		5.63		TAS		11.3	1.21	a_e	mb 4.8
BSEG	73.88		P	18:41:44.568	0.2	30.6		5.63		TAS		23.2	1.17	a_e	mb 5.1
BUG	76.97		P	18:42:01.568	0.3	30.6		5.63		TAS		24.6	1.02	a_e	mb 5.3
CLL	75.28		P	18:41:51.918	0.2	30.6		5.63		TAS		25.1	0.99	a_e	mb 5.2
CLZ	75.67		P	18:41:54.968	0.3	30.6		5.63		TAS		44.8	1.42	a_e	mb 5.4
FBE	75.49		P	18:41:53.668	-0.2	30.6		5.63		TAS		18.9	1.04	a_e	mb 5.1
FLT1	74.97		P	18:41:50.168	-0.4	30.6		5.63		TAS		22.2	1.02	a_e	mb 5.1
FUR	78.55		P	18:42:10.668		30.6		5.63		TAS		46.6	1.21	a_e	mb 5.4
GEC2	77.13		P	18:42:02.618	-0.0	30.6		5.63		TAS		9.9	1.03	a_e	mb 4.9
GRA1	77.25		P	18:42:03.768	0.1	30.6		5.63		TAS		33.5	0.91	a_e	mb 5.5
GRA1	77.25		L	19:14:58.166						T__		41.1	20.70	a_e	Ms 3.7
GTTG	76.05		P	18:41:56.918	-0.1	30.6		5.63		TAS		26.3	0.92	a_e	mb 5.4
GUNZ	76.30		P	18:41:58.168	0.0	30.6		5.63		TAS		9.7	0.89	m_e	mb 4.9
IBBN	76.06		P	18:41:56.668	0.0	30.6		5.63		TAS		30.7	1.25	a_e	mb 5.3
KAST	76.83		P	18:42:01.118	-0.1	30.6		5.63		TAS		17.9	1.12	a_e	mb 5.1
MANZ	76.70		P	18:42:00.368	-0.1	30.6		5.63		TAS		9.8	0.97	a_e	mb 4.9
MILB	77.76		P	18:42:06.068	-0.1	30.6		5.63		TAS		21.9	1.00	a_e	mb 5.2
MOX	76.30		P	18:41:57.573	0.1	30.6		5.63		TAS		17.8	1.22	m_e	mb 5.1
MOX	76.30		L	19:20:56.116						T__		33.5	20.10	a_e	Ms 3.6
NEUB	75.78		P	18:41:54.918	0.1	30.6		5.63		TAS		30.7	1.05	a_e	mb 5.4
NRDL	75.19		P	18:41:51.818	-0.1	30.6		5.63		TAS		52.7	2.04	a_e	mb 5.2
PLN	76.26		P	18:41:57.870	0.1	30.6		5.63		TAS		10.5	1.06	m_e	mb 4.9
ROTZ	76.86		P	18:42:01.468	0.3	30.6		5.63		TAS		15.1	1.15	a_e	mb 5.0
STU	78.71		P	18:42:11.268		30.6		5.63		TAS				a_e	
TANN	76.22		P	18:41:57.518	-0.5	30.6		5.63		TAS		8.1	1.07	a_e	mb 4.8
TNS	77.68		P	18:42:05.768	0.2	30.6		5.63		TAS		23.7	1.25	a_e	mb 5.2

WERN	76.35	P	18:41:58.518	0.1	30.6	5.63	TAS	13.3	0.94	a_e mb	5.1
WET	77.16	P	18:42:03.268	-0.2	30.6	5.63	TAS	24.7	1.03	a_e mb	5.3

Event 50627001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/27	00:02:18.95			-17.2800	-174.7060				33.0			11		144.66	149.43	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
CLL	145.50		PKPbc	00:21:53.245	0.4	10.5		2.88		TAS				m_e	
CLZ	145.28		PKPbc	00:21:53.052	0.2	10.5		2.88		TAS				m_e	
FLT1	144.71		PKPbc	00:21:50.586	0.2	10.5		2.88		TAS				m_e	
GUNZ	146.51		PKPbc	00:21:56.738		10.5		2.88		TAS				m_e	
MILB	147.37		PKPbc	00:21:59.103		10.5		2.88		TAS				m_e	
NRDL	144.66		PKPbc	00:21:50.694		10.5		2.88		TAS				m_e	
ROTZ	147.12		PKPbc	00:21:58.443		10.5		2.88		TAS				m_e	
TANN	146.45		PKPbc	00:21:56.404		10.5		2.88		TAS				m_e	
TNS	147.04		PKPbc	00:21:58.118		10.5		2.88		TAS				m_e	
UBR	149.43		PKPbc	00:22:03.940		10.5		2.88		TAS				m_e	
WLF	147.69		PKPbc	00:22:00.307		10.5		2.88		TAS				m_e	

Event 50627002 Unimak Island, Alaska, United States, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/27	01:35:52.53			54.5500	-164.2640				35.7	0.1		35		70.97	78.06	m i ke	BGR

Magnitude Err Nsta Author OrigID

mb	5.2		BGR	50627008
Ms	4.3		BGR	50627008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.03		P	01:47:28.749	0.1	357.3		5.74		TAS		77.6	2.16	a_e mb	5.4
ASSE	73.61		P	01:47:20.544	0.0	357.3		5.74		TAS		7.0	1.25	m_e mb	4.5
BFO	77.30		P	01:47:41.349	-0.2	357.3		5.74		TAS		15.0	1.23	a_e mb	5.0
BRG	74.94		P	01:47:27.999	-0.1	357.3		5.74		TAS		34.9	1.90	a_e mb	5.1
BSEG	71.79		P	01:47:09.899	-0.2	357.3		5.74		TAS		16.0	1.08	a_e mb	5.1
BUG	74.14		P	01:47:23.199	-0.3	357.3		5.74		TAS		30.1	1.34	a_e mb	5.2
CLL	74.49		P	01:47:25.149	-0.4	357.3		5.74		TAS		15.6	1.09	a_e mb	5.0
CLZ	73.88		P	01:47:22.449	0.3	357.3		5.74		TAS		22.9	1.03	a_e mb	5.1

FBE	74.88	P	01:47:27.999	0.2	357.3	5.74	TAS	22.3	1.09	a_e	mb	5.1
FLT1	73.42	P	01:47:18.849	-0.6	357.3	5.74	TAS	34.9	1.66	a_e	mb	5.2
GEC2	76.97	P	01:47:39.699	-0.3	357.3	5.74	TAS	7.5	0.92	a_e	mb	4.8
GEC2	76.97	pP	01:47:49.916				T__				m_e	
GRA1	76.06	P	01:47:34.949	0.3	357.3	5.74	TAS	22.2	1.06	m_e	mb	5.2
GRA1	76.06	L	02:23:09.287				T__	196.9	22.00	a_e	Ms	4.4
GTTG	74.17	P	01:47:23.949	0.2	357.3	5.74	TAS	37.9	1.18	a_e	mb	5.3
GUNZ	75.42	P	01:47:31.165	0.2	357.3	5.74	TAS				m_e	
HLG	71.44	P	01:47:07.999	-0.0	357.3	5.74	TAS	50.2	0.97	a_e	mb	5.6
IBBN	73.31	P	01:47:18.849	0.1	357.3	5.74	TAS	37.4	1.28	a_e	mb	5.4
KAST	74.44	P	01:47:25.249	-0.0	357.3	5.74	TAS	11.9	1.00	a_e	mb	4.9
LNIZ	72.32	P	01:47:13.199	0.1	357.3	5.74	TAS	15.4	1.03	m_e	mb	5.1
MANZ	75.79	P	01:47:33.049	0.4	357.3	5.74	TAS	29.4	1.96	a_e	mb	5.1
MILB	75.85	P	01:47:33.349	0.2	357.3	5.74	TAS	19.6	0.94	m_e	mb	5.2
MOX	75.12	P	01:47:29.199	0.0	357.3	5.74	TAS	13.1	0.88	a_e	mb	5.0
MOX	75.12	pP	01:47:39.450				T__				m_e	
MOX	75.12	L	02:22:18.685				T__	163.9	21.70	a_e	Ms	4.3
NEUB	74.58	P	01:47:25.899	-0.2	357.3	5.74	TAS	21.2	0.97	a_e	mb	5.1
NRDL	73.22	P	01:47:18.199	-0.1	357.3	5.74	TAS	22.0	1.20	a_e	mb	5.2
PLN	75.29	P	01:47:30.049	-0.1	357.3	5.74	TAS	12.2	1.36	a_e	mb	4.8
RJOB	78.06	P	01:47:45.799		357.3	5.74	TAS	38.2	0.89	a_e	mb	5.5
ROTZ	76.01	P	01:47:34.499	0.3	357.3	5.74	TAS	13.9	1.22	a_e	mb	5.0
RUE	73.33	P	01:47:18.849	-0.0	357.3	5.74	TAS	27.6	1.19	a_e	mb	5.3
SKMB	70.97	P	01:47:05.499	0.1	357.3	5.74	TAS	91.1	1.55	a_e	mb	5.7
TANN	75.37	P	01:47:30.799	-0.0	357.3	5.74	TAS	57.6	2.26	a_e	mb	5.2
TNS	75.42	P	01:47:30.849	0.3	357.3	5.74	TAS	516.0	4.26	a_e	mb	5.9
TNS	75.42	pP	01:47:41.024				T__				m_e	
UBBA	74.89	P	01:47:27.592	-0.3	357.3	5.74	TAS	19.5	1.53	m_e	mb	4.9
UBR	78.03	P	01:47:45.699	-0.2	357.3	5.74	TAS	12.2	1.21	a_e	mb	4.9
WERN	75.50	P	01:47:31.599	0.0	357.3	5.74	TAS	100.9	2.72	a_e	mb	5.4
WET	76.65	P	01:47:38.299	-0.1	357.3	5.74	TAS	18.2	1.43	a_e	mb	5.0
WLF	75.85	P	01:47:33.649	-0.0	357.3	5.74	TAS	41.5	1.42	a_e	mb	5.4

Event 50627004 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/27	11:52:45.09			52.3000	-171.6580				33.0					78.36	78.36	m i ke	BGR
	50627010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50627010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	78.36		P	12:04:40.500		4.1		4.94		TAS		18.1	1.52	m_e	mb	5.0

Event 50627005 New Ireland, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/27	12:24:04.20			-5.1700	153.3200				49.0				29	121.44	127.72	m i ke	EMSC

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	126.68		PKPdf	12:43:03.581	0.0	48.6		1.93		TAS					a_e
BFO	127.67		PKPdf	12:43:05.031	-0.3	48.6		1.93		TAS					m_e
BRG	123.25		PKPdf	12:42:56.781	0.0	48.6		1.93		TAS					a_e
BSEG	122.86		PKPdf	12:42:56.131	-0.2	48.6		1.93		TAS					a_e
BUG	125.94		PKPdf	12:43:01.831	-0.3	48.6		1.93		TAS					a_e
CLL	123.42		PKPdf	12:42:56.831	-0.3	48.6		1.93		TAS					a_e
CLZ	124.29		PKPdf	12:42:59.081	0.2	48.6		1.93		TAS					a_e
FBE	123.50		PKPdf	12:42:57.481	0.2	48.6		1.93		TAS					a_e
FLT1	123.56		PKPdf	12:42:57.131	-0.4	48.6		1.93		TAS					a_e
GEC2	124.64		PKPdf	12:42:59.431	0.0	48.6		1.93		TAS					m_e
GTTG	124.68		PKPdf	12:42:59.582	-0.1	48.6		1.93		TAS					m_e
GUNZ	124.36		PKPdf	12:42:59.081	0.2	48.6		1.93		TAS					a_e
IBBN	125.10		PKPdf	12:43:00.431	-0.2	48.6		1.93		TAS					a_e
KAST	125.61		PKPdf	12:43:01.481	0.0	48.6		1.93		TAS					a_e
LNIZ	121.44		PKPdf	12:42:53.531	0.1	48.6		1.93		TAS					a_e
MANZ	124.72		PKPdf	12:42:59.731	0.1	48.6		1.93		TAS					a_e
MILB	126.17		PKPdf	12:43:02.481	0.0	48.6		1.93		TAS					a_e
MOX	124.52		PKPdf	12:42:59.231	-0.0	48.6		1.93		TAS					a_e
NEUB	124.08		PKPdf	12:42:58.281	-0.1	48.6		1.93		TAS					a_e
NRDL	123.95		PKPdf	12:42:58.381	0.1	48.6		1.93		TAS					a_e
PLN	124.36		PKPdf	12:42:58.931	0.0	48.6		1.93		TAS					a_e
RJOB	125.80		PKPdf	12:43:01.231	-0.4	48.6		1.93		TAS					a_e
STU	126.95		PKPdf	12:43:03.881	-0.0	48.6		1.93		TAS					a_e
TANN	124.26		PKPdf	12:42:58.831	0.1	48.6		1.93		TAS					a_e
UBBA	125.16		PKPdf	12:43:00.531	0.0	48.6		1.93		TAS					a_e
UBR	127.23		PKPdf	12:43:04.231	-0.2	48.6		1.93		TAS					a_e
WERN	124.39		PKPdf	12:42:59.181	0.2	48.6		1.93		TAS					a_e
WET	124.87		PKPdf	12:43:00.081	0.2	48.6		1.93		TAS					a_e
WLF	127.72		PKPdf	12:43:06.231	0.7	48.6		1.93		TAS					a_e

Event 50627006 Egypt

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/27	15:34:02.09			28.5160	34.4690				33.0				28	25.52	30.93	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50627012
Ms	4.5		BGR	50627012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	28.25		P	15:39:53.715		131.5		8.95		TAS		121.7	1.46	m_e	mb	5.4
BRG	27.18		P	15:39:43.057	0.1	131.5		8.95		TAS		47.5	1.27	m_e	mb	5.0
BSEG	30.93		P	15:40:15.721	-0.3	131.5		8.95		TAS		24.1	1.20	m_e	mb	4.9
CLL	27.90		P	15:39:49.521	0.1	131.5		8.95		TAS		66.8	1.34	m_e	mb	5.2
CLZ	29.44		P	15:40:03.006	-0.6	131.5		8.95		TAS		36.7	1.37	m_e	mb	5.0
FBE	27.46		P	15:39:45.601	-0.0	131.5		8.95		TAS		40.3	1.35	m_e	mb	4.9
FLT1	29.40		P	15:40:02.174	-0.7	131.5		8.95		TAS		45.7	1.29	m_e	mb	5.1
GEC2	25.83		P	15:39:31.641	0.0	131.5		8.95		TAS		76.7	1.24	m_e	mb	5.3
GRA1	27.59		P	15:39:46.632	0.2	131.5		8.95		TAS		78.2	1.66	m_e	mb	5.1
GRA1	27.59		L	15:57:19.401						T__		1194.5	20.20	a_e	Ms	4.4
GTTG	29.43		P	15:40:03.273	-0.3	131.5		8.95		TAS		51.9	1.40	m_e	mb	5.2
KAST	29.94		P	15:40:07.331	-0.1	131.5		8.95		TAS		38.1	1.44	m_e	mb	5.0
LNIZ	29.06		P	15:39:58.735	0.7	131.5		8.95		TAS		65.0	1.30	m_e	mb	5.3
MANZ	27.37		P	15:39:44.776	-0.5	131.5		8.95		TAS		54.8	1.36	m_e	mb	5.0
MILB	28.64		P	15:39:56.170	1.4	131.5		8.95		TAS		58.7	1.31	m_e	mb	5.3
MOX	28.05		P	15:39:51.446	0.2	131.5		8.95		TAS		131.6	1.27	m_e	mb	5.5
MOX	28.05		L	15:56:43.346						T__		1447.9	21.10	a_e	Ms	4.5
NEUB	28.36		P	15:39:53.811	-0.1	131.5		8.95		TAS		53.7	1.08	m_e	mb	5.2
NRDL	30.01		P	15:40:08.294	-0.2	131.5		8.95		TAS		40.2	1.29	m_e	mb	5.1
PLN	27.69		P	15:39:47.939	-0.1	131.5		8.95		TAS		106.1	1.49	m_e	mb	5.4
RGN	30.21		P	15:40:09.396	1.4	131.5		8.95		TAS		105.8	1.48	m_e	mb	5.5
RJOB	25.52		P	15:39:28.616		131.5		8.95		TAS		140.0	1.49	m_e	mb	5.3
ROTZ	27.17		P	15:39:42.919	-0.6	131.5		8.95		TAS		64.8	1.59	m_e	mb	5.0
RUE	28.44		P	15:39:53.647	0.2	131.5		8.95		TAS		68.4	1.36	m_e	mb	5.2
TANN	27.50		P	15:39:46.357	0.1	131.5		8.95		TAS		118.7	1.87	m_e	mb	5.2
UBR	26.90		P	15:39:41.062		131.5		8.95		TAS		100.5	1.58	m_e	mb	5.2
WERD	27.59		P	15:39:47.251	0.1	131.5		8.95		TAS		118.6	1.67	m_e	mb	5.3
WERN	27.45		P	15:39:45.738	-0.4	131.5		8.95		TAS		60.4	1.49	m_e	mb	5.0
WET	26.42		P	15:39:36.180	-0.4	131.5		8.95		TAS		50.9	1.53	m_e	mb	5.0
WLF	30.19		P	15:40:10.551	0.7	131.5		8.95		TAS		14.6	1.14	m_e	mb	4.7

Event 50627007 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/27	15:35:06.60			-25.2100	-179.0500				415.0			12		150.05	155.25	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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2015/06/27 19:03:34.67
50627015

-23.2900 -178.4200

33.0

23

148.36 152.83 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
BRG	150.84		PKPbc	19:23:23.866	0.1	18.4		2.50		TAS				m_e	
BSEG	148.70		PKPbc	19:23:18.465	0.1	18.4		2.50		TAS				m_e	
CLL	150.66		PKPbc	19:23:23.319	0.1	18.4		2.50		TAS				m_e	
CLZ	150.70		PKPbc	19:23:23.730	0.4	18.4		2.50		TAS				m_e	
FBE	150.94		PKPbc	19:23:24.413	0.4	18.4		2.50		TAS				m_e	
FLT1	150.07		PKPbc	19:23:21.747	0.0	18.4		2.50		TAS				m_e	
GEC2	152.75		PKPbc	19:23:28.106	-0.6	18.4		2.50		TAS				m_e	
GTTG	151.06		PKPbc	19:23:24.277	0.1	18.4		2.50		TAS				m_e	
GUNZ	151.70		PKPbc	19:23:26.054	0.2	18.4		2.50		TAS				m_e	
IBBN	150.65		PKPbc	19:23:23.319	-0.1	18.4		2.50		TAS				m_e	
KAST	151.64		PKPbc	19:23:25.576	-0.2	18.4		2.50		TAS				m_e	
LNIZ	148.36		PKPbc	19:23:16.687	-0.8	18.4		2.50		TAS				m_e	
MANZ	152.10		PKPbc	19:23:26.943	0.1	18.4		2.50		TAS				m_e	
MILB	152.83		PKPbc	19:23:28.379	-0.3	18.4		2.50		TAS				m_e	
MOX	151.60		PKPbc	19:23:25.507	-0.1	18.4		2.50		TAS				m_e	
NEUB	151.04		PKPbc	19:23:24.277	0.1	18.4		2.50		TAS				m_e	
PLN	151.62		PKPbc	19:23:25.713	0.1	18.4		2.50		TAS				m_e	
ROTZ	152.29		PKPbc	19:23:27.148	-0.2	18.4		2.50		TAS				m_e	
RUE	149.40		PKPbc	19:23:20.243	0.1	18.4		2.50		TAS				m_e	
TANN	151.62		PKPbc	19:23:25.849	0.2	18.4		2.50		TAS				m_e	
TNS	152.59		PKPbc	19:23:27.901	-0.2	18.4		2.50		TAS				m_e	
WERD	151.63		PKPbc	19:23:25.781	0.1	18.4		2.50		TAS				m_e	
WERN	151.76		PKPbc	19:23:26.328	0.3	18.4		2.50		TAS				m_e	

Event 50628001 India-Bangladesh border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/28	01:05:31.36		26.2850	89.8660					33.0			24		61.28	66.51	m i ke	BGR
OrigID																	
50628007																	

Magnitude Err Nsta Author OrigID
mb 5.5 BGR 50628007
Ms 4.8 BGR 50628007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	65.73		P	01:16:11.931		80.2		6.64		TAS		38.6	0.90	m_e mb	5.6
BERGE	65.60		P	01:16:10.492		80.2		6.64		TAS				m_e	
BRG	61.37		P	01:15:43.127	-0.1	80.2		6.64		TAS		17.5	0.64	m_e mb	5.0
BSEG	63.16		P	01:15:55.045	0.3	80.2		6.64		TAS		83.1	0.87	m_e mb	5.9
BUG	65.42		P	01:16:09.858	-0.1	80.2		6.64		TAS		46.0	0.93	m_e mb	5.7

CLZ	63.45	P	01:15:57.084	0.6	80.2	6.64	TAS	48.9	0.75	m_e	mb	5.7
ECH	66.19	P	01:16:14.308		80.2	6.64	TAS			m_e		
FBE	61.74	P	01:15:45.689	0.1	80.2	6.64	TAS		0.82	m_e		
FLT1	62.85	P	01:15:52.297	-0.5	80.2	6.64	TAS	22.9	0.81	m_e	mb	5.4
FUR	63.51	P	01:15:57.545	-0.6	80.2	6.64	TAS	52.1	1.02	m_e	mb	5.7
GEC2	61.80	P	01:15:46.164	-0.2	80.2	6.64	TAS	26.2	0.77	m_e	mb	5.5
GRA1	63.27	P	01:15:56.240	0.1	80.2	6.64	TAS	27.4	1.02	m_e	mb	5.3
GRA1	63.27	L	01:45:20.710				T__	606.9	20.20	a_e	Ms	4.8
GUNZ	62.46	P	01:15:50.336	-0.0	80.2	6.64	TAS		0.75	m_e		
IBBN	64.96	P	01:16:06.535	-0.1	80.2	6.64	TAS			m_e		
MANZ	62.66	P	01:15:52.047	-0.6	80.2	6.64	TAS	21.7	0.99	m_e	mb	5.2
MOX	62.87	P	01:15:52.048	0.2	80.2	6.64	TAS	16.6	0.83	m_e	mb	5.2
MOX	62.87	L	01:45:29.728				T__	664.6	21.10	a_e	Ms	4.8
NEUB	62.69	P	01:15:51.783	-0.1	80.2	6.64	TAS	27.6	0.73	m_e	mb	5.5
NRDL	63.51	P	01:15:57.729	0.5	80.2	6.64	TAS	90.1	0.91	m_e	mb	6.0
RJOB	62.58	P	01:15:51.754	0.3	80.2	6.64	TAS	70.9	0.82	m_e	mb	5.8
ROTZ	62.63	P	01:15:50.942	0.1	80.2	6.64	TAS	30.8	0.78	m_e	mb	5.5
RUE	61.28	P	01:15:42.172	-0.2	80.2	6.64	TAS	43.4	0.73	m_e	mb	5.4
TNS	64.94	P	01:16:06.698	0.7	80.2	6.64	TAS	30.5	0.79	m_e	mb	5.6
UBR	64.37	P	01:16:02.429		80.2	6.64	TAS	29.0	0.97	m_e	mb	5.5
WERN	62.44	P	01:15:50.255	-1.1	80.2	6.64	TAS		0.87	m_e		
WET	62.30	P	01:15:49.392	0.4	80.2	6.64	TAS	19.2	0.93	m_e	mb	5.3
WLF	66.51	P	01:16:17.461		80.2	6.64	TAS	63.9	0.95	m_e	mb	5.8

Event 50628002 India-Bangladesh border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/28	01:05:31.36			26.2850	89.8660				33.0					61.28	66.51	m i ke	BGR
50628008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50628008
Ms	4.8		BGR	50628008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	65.73		P	01:16:11.931		80.2		6.64		TAS		38.6	0.90	m_e	mb	5.6
BERGE	65.60		P	01:16:10.492		80.2		6.64		TAS				m_e		
BRG	61.37		P	01:15:43.127		80.2		6.64		TAS		17.5	0.64	m_e	mb	5.0
BSEG	63.16		P	01:15:55.045		80.2		6.64		TAS		83.1	0.87	m_e	mb	5.9
BUG	65.42		P	01:16:09.858		80.2		6.64		TAS		46.0	0.93	m_e	mb	5.7
CLZ	63.45		P	01:15:57.084		80.2		6.64		TAS		48.9	0.75	m_e	mb	5.7
ECH	66.19		P	01:16:14.308		80.2		6.64		TAS				m_e		
FBE	61.74		P	01:15:45.689		80.2		6.64		TAS		64.0	1.06	m_e	mb	5.8
FLT1	62.85		P	01:15:52.297		80.2		6.64		TAS		22.9	0.81	m_e	mb	5.4
FUR	63.51		P	01:15:57.545		80.2		6.64		TAS		52.1	1.02	m_e	mb	5.7
GEC2	61.80		P	01:15:46.164		80.2		6.64		TAS		26.2	0.77	m_e	mb	5.5

GRA1	63.27	P	01:15:56.240	80.2	6.64	TAS	27.4	1.02	m_e	mb	5.3
GRA1	63.27	L	01:45:20.710			T__	606.9	20.20	a_e	Ms	4.8
GUNZ	62.46	P	01:15:50.336	80.2	6.64	TAS	46.0	1.00	m_e	mb	5.7
IBBN	64.96	P	01:16:06.535	80.2	6.64	TAS			m_e		
MANZ	62.66	P	01:15:52.047	80.2	6.64	TAS	21.7	0.99	m_e	mb	5.2
MOX	62.87	P	01:15:52.048	80.2	6.64	TAS	16.6	0.83	m_e	mb	5.2
MOX	62.87	L	01:45:29.728			T__	664.6	21.10	a_e	Ms	4.8
NEUB	62.69	P	01:15:51.783	80.2	6.64	TAS	27.6	0.73	m_e	mb	5.5
NRDL	63.51	P	01:15:57.729	80.2	6.64	TAS	90.1	0.91	m_e	mb	6.0
RJOB	62.58	P	01:15:51.754	80.2	6.64	TAS	70.9	0.82	m_e	mb	5.8
ROTZ	62.63	P	01:15:50.942	80.2	6.64	TAS	30.8	0.78	m_e	mb	5.5
RUE	61.28	P	01:15:42.172	80.2	6.64	TAS	43.4	0.73	m_e	mb	5.4
TNS	64.94	P	01:16:06.698	80.2	6.64	TAS	30.5	0.79	m_e	mb	5.6
UBR	64.37	P	01:16:02.429	80.2	6.64	TAS	29.0	0.97	m_e	mb	5.5
WERN	62.44	P	01:15:50.255	80.2	6.64	TAS	25.4	0.98	m_e	mb	5.4
WET	62.30	P	01:15:49.392	80.2	6.64	TAS	19.2	0.93	m_e	mb	5.3
WLF	66.51	P	01:16:17.461	80.2	6.64	TAS	63.9	0.95	m_e	mb	5.8

Event 50628004 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/28	12:53:48.20			-32.2000	-176.0200				40.3			16		159.78	163.12	m i ke	EMSC
50628040																	

Magnitude Err Nsta Author
Ms 5.0 BGR

OrigID
50628010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	159.94		PKPab	13:14:24.493	0.6	19.9		4.63		TAS				m_e	
CLL	159.78		PKPab	13:14:22.447	-1.2	19.9		4.63		TAS				m_e	
CLZ	159.82		PKPab	13:14:23.470	0.1	19.9		4.63		TAS				m_e	
FBE	160.05		PKPab	13:14:25.516	0.2	19.9		4.63		TAS				m_e	
FUR	163.12		PKPab	13:14:39.100		19.9		4.63		TAS				m_e	
GEC2	161.83		PKPab	13:14:32.482		19.9		4.63		TAS				m_e	
GRA1	161.71		L	14:32:15.036						T__		211.6	19.70	a_e	Ms 5.0
GTTG	160.18		PKPab	13:14:26.393	0.5	19.9		4.63		TAS				m_e	
GUNZ	160.82		PKPab	13:14:28.877	0.3	19.9		4.63		TAS				m_e	
MANZ	161.22		PKPab	13:14:30.631	0.0	19.9		4.63		TAS				m_e	
MOX	160.72		PKPab	13:14:28.293	0.1	19.9		4.63		TAS				m_e	
MOX	160.72		L	14:38:30.627						T__		193.0	18.30	a_e	Ms 5.0
PLN	160.75		PKPab	13:14:28.293	0.4	19.9		4.63		TAS				m_e	
RJOB	163.09		PKPab	13:14:38.573		19.9		4.63		TAS				m_e	
ROTZ	161.41		PKPab	13:14:31.654	-0.7	19.9		4.63		TAS				m_e	
TANN	160.74		PKPab	13:14:28.585	0.1	19.9		4.63		TAS				m_e	
WERN	160.88		PKPab	13:14:29.169	0.5	19.9		4.63		TAS				m_e	
WET	161.80		PKPab	13:14:32.969	-0.0	19.9		4.63		TAS				m_e	

Event 50628005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/28	14:43:09.85			-19.2650	-176.0920				33.0			20		145.04	151.21	m i ke	BGR

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	150.79		PKPbc	15:02:58.256		13.5		2.67		TAS				m_e	
BRG	147.47		PKPbc	15:02:49.495	-0.2	13.5		2.67		TAS				m_e	
BSEG	145.04		PKPbc	15:02:42.438	-0.7	13.5		2.67		TAS				m_e	
CLL	147.23		PKPbc	15:02:48.846	-0.1	13.5		2.67		TAS				m_e	
FBE	147.54		PKPbc	15:02:50.225	0.4	13.5		2.67		TAS				m_e	
FLT1	146.51		PKPbc	15:02:46.656	-0.4	13.5		2.67		TAS				m_e	
GEC2	149.45		PKPbc	15:02:54.443	-0.3	13.5		2.67		TAS				m_e	
GRA1	149.08		PKPbc	15:02:54.281	-0.3	13.5		2.67		TAS				m_e	
GUNZ	148.25		PKPbc	15:02:52.010	0.3	13.5		2.67		TAS				m_e	
KAST	147.93		PKPbc	15:02:51.198	0.2	13.5		2.67		TAS				m_e	
MANZ	148.66		PKPbc	15:02:52.983	0.2	13.5		2.67		TAS				m_e	
NEUB	147.54		PKPbc	15:02:49.738	-0.0	13.5		2.67		TAS				m_e	
PLN	148.16		PKPbc	15:02:51.523	0.1	13.5		2.67		TAS				m_e	
RJOB	150.69		PKPbc	15:02:57.769		13.5		2.67		TAS				m_e	
ROTZ	148.85		PKPbc	15:02:53.551	0.4	13.5		2.67		TAS				m_e	
TANN	148.18		PKPbc	15:02:51.604	0.1	13.5		2.67		TAS				m_e	
TNS	148.90		PKPbc	15:02:53.875	0.3	13.5		2.67		TAS				m_e	
UBR	151.21		PKPbc	15:02:59.229		13.5		2.67		TAS				m_e	
WERD	148.18		PKPbc	15:02:51.766	0.3	13.5		2.67		TAS				m_e	
WERN	148.32		PKPbc	15:02:52.172	0.3	13.5		2.67		TAS				m_e	

Event 50628006 Oaxaca, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/28	15:54:35.04			16.2600	-94.1700				33.0			17		84.28	87.42	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
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mb	5.7		BGR	50628012
Ms	4.3		BGR	50628012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.56		P	16:07:05.655	0.2	291.8		4.96		TAS		104.9	1.16	a_e mb	6.0

ASSE	86.14	P	16:07:13.405	0.2	291.8	4.96	TAS	18.3	1.06	a_e	mb	5.1
BFO	86.07	P	16:07:12.455	-0.4	291.8	4.96	TAS	64.2	1.52	a_e	mb	5.5
BSEG	85.28	P	16:07:08.855	-0.1	291.8	4.96	TAS	79.0	1.32	m_e	mb	5.8
BUG	84.39	P	16:07:04.305	-0.2	291.8	4.96	TAS	106.4	1.62	a_e	mb	5.8
CLZ	86.07	P	16:07:13.205	0.3	291.8	4.96	TAS	74.5	1.43	a_e	mb	5.6
FLT1	86.38	P	16:07:14.005	-0.5	291.8	4.96	TAS	35.4	1.04	a_e	mb	5.4
GRA1	87.36	L	16:44:41.118				T__	136.6	21.50	a_e	Ms	4.3
GTTG	85.94	P	16:07:12.455	0.2	291.8	4.96	TAS	57.3	0.97	a_e	mb	5.7
IBBN	84.39	P	16:07:04.405	-0.2	291.8	4.96	TAS	90.8	1.12	a_e	mb	5.9
KAST	85.15	P	16:07:08.255	-0.1	291.8	4.96	TAS	55.3	1.28	a_e	mb	5.6
MILB	86.15	P	16:07:13.405	0.1	291.8	4.96	TAS	80.9	0.87	a_e	mb	5.9
MOX	87.24	L	16:47:47.439				T__	145.9	20.90	a_e	Ms	4.4
NRDL	85.68	P	16:07:11.055	0.1	291.8	4.96	TAS	39.1	1.03	a_e	mb	5.5
STU	86.46	P	16:07:14.655	-0.1	291.8	4.96	TAS	52.0	0.81	a_e	mb	5.7
TNS	85.50	P	16:07:10.105	0.1	291.8	4.96	TAS	92.2	1.01	a_e	mb	6.0
UBBA	86.22	P	16:07:13.755	0.1	291.8	4.96	TAS	69.0	1.72	a_e	mb	5.5
UBR	87.42	P	16:07:19.548		291.8	4.96	TAS	39.0	1.13	m_e	mb	5.4
WLF	84.28	P	16:07:04.155	0.2	291.8	4.96	TAS	59.7	0.87	a_e	mb	5.8

Event 50629005 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/29	10:12:49.09		56.2300	-156.0100					33.0			18		69.63	75.98	m i ke	BGR
OrigID 50629011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50629011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	72.94		P	10:24:15.146	-0.3	352.9		5.96		TAS		10.0	1.08	m_e	mb	4.9
BSEG	69.63		P	10:23:56.169	0.4	352.9		5.96		TAS		17.5	1.22	m_e	mb	5.2
GEC2	74.94		P	10:24:27.369	-0.0	352.9		5.96		TAS		7.7	1.07	m_e	mb	4.7
GRA1	73.91		P	10:24:21.613	0.3	352.9		5.96		TAS		8.7	0.52	m_e	mb	5.0
GTTG	71.97		P	10:24:09.961	0.2	352.9		5.96		TAS		12.2	0.59	m_e	mb	5.2
GUNZ	73.33		P	10:24:17.765	-0.1	352.9		5.96		TAS		4.4	0.96	m_e	mb	4.6
KAST	72.16		P	10:24:10.709	-0.2	352.9		5.96		TAS		9.5	1.06	m_e	mb	4.9
MILB	73.61		P	10:24:19.582	0.1	352.9		5.96		TAS		16.9	0.81	m_e	mb	5.2
MOX	73.00		P	10:24:15.894	0.0	352.9		5.96		TAS		18.6	1.20	m_e	mb	5.1
NEUB	72.47		P	10:24:12.633	-0.1	352.9		5.96		TAS		18.3	0.99	m_e	mb	5.2
NRDL	71.04		P	10:24:03.760	-0.5	352.9		5.96		TAS		11.2	0.94	m_e	mb	5.0
RJOB	75.98		P	10:24:33.552	-0.1	352.9		5.96		TAS		53.4	0.75	m_e	mb	5.8
ROTZ	73.92		P	10:24:21.453	0.1	352.9		5.96		TAS		7.2	0.92	m_e	mb	4.7
TANN	73.29		P	10:24:17.551	-0.1	352.9		5.96		TAS		5.9	0.96	m_e	mb	4.7
WERD	73.25		P	10:24:17.337	-0.0	352.9		5.96		TAS		3.8	0.65	m_e	mb	4.7
WERN	73.41		P	10:24:18.620	0.3	352.9		5.96		TAS				m_e		
WET	74.59		P	10:24:25.378	0.1	352.9		5.96		TAS		5.3	1.00	m_e	mb	4.5

WLF 73.44 P 10:24:18.406 -0.0 352.9 5.96 TAS 8.5 0.88 m_e mb 4.9

Event 50629009 Afghanistan-Tajikistan border region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/06/29 22:07:43.19 36.1500 72.1000 195.6 1.4 32 43.54 48.64 m i ke BGR
50629015

Magnitude Err Nsta Author OrigID
mb 5.7 BGR 50629015

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

WERN	44.58	P	22:15:35.795	0.1	84.7	7.84	TAS	70.7	1.47	a_e	mb	5.4
WLF	48.64	P	22:16:07.545	0.0	84.7	7.84	TAS	104.3	0.88	a_e	mb	5.9

Event 50630009 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/30	10:46:55.77			-21.3920	-173.7950				33.0			24		147.36	153.59	m i ke	BGR
OrigID 50630015																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.12		PKPbc	11:06:44.083	0.2	9.8		2.43		TAS					m_e
BRG	149.96		PKPbc	11:06:46.100	0.1	9.8		2.43		TAS					m_e
BSEG	147.36		PKPbc	11:06:39.338	-0.3	9.8		2.43		TAS					m_e
CLL	149.67		PKPbc	11:06:44.913	-0.3	9.8		2.43		TAS					m_e
CLZ	149.44		PKPbc	11:06:44.439	-0.2	9.8		2.43		TAS					m_e
FLT1	148.87		PKPbc	11:06:42.778	-0.5	9.8		2.43		TAS					m_e
GEC2	151.96		PKPbc	11:06:50.726	-0.2	9.8		2.43		TAS					m_e
GRA1	151.48		PKPbc	11:06:49.777	0.2	9.8		2.43		TAS					m_e
GTTG	149.76		PKPbc	11:06:45.862	0.4	9.8		2.43		TAS					m_e
GUNZ	150.69		PKPbc	11:06:48.116	0.4	9.8		2.43		TAS					m_e
IBBN	149.12		PKPbc	11:06:43.964	-0.1	9.8		2.43		TAS					m_e
MANZ	151.09		PKPbc	11:06:48.472	-0.2	9.8		2.43		TAS					m_e
MOX	150.50		PKPbc	11:06:47.523	0.3	9.8		2.43		TAS					m_e
NRDL	148.81		PKPbc	11:06:43.371	0.2	9.8		2.43		TAS					m_e
PLN	150.59		PKPbc	11:06:47.523	0.1	9.8		2.43		TAS					m_e
ROTZ	151.29		PKPbc	11:06:49.184	0.0	9.8		2.43		TAS					m_e
TANN	150.62		PKPbc	11:06:47.642	0.1	9.8		2.43		TAS					m_e
TNS	151.17		PKPbc	11:06:48.709	-0.3	9.8		2.43		TAS					m_e
UBBA	150.48		PKPbc	11:06:47.405	0.2	9.8		2.43		TAS					m_e
UBR	153.59		PKPbc	11:06:54.343	-0.4	9.8		2.43		TAS					m_e
WERD	150.61		PKPbc	11:06:47.405	-0.1	9.8		2.43		TAS					m_e
WERN	150.75		PKPbc	11:06:48.472	0.6	9.8		2.43		TAS					m_e
WET	151.80		PKPbc	11:06:50.014	-0.4	9.8		2.43		TAS					m_e
WLF	151.79		PKPbc	11:06:50.963	0.2	9.8		2.43		TAS					m_e

Event 50630012 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/06/30	22:14:37.39			-20.4890	172.5270				33.0			9		145.30	149.37	m i ke	BGR
OrigID 50630018																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	145.31		PKPbc	22:34:05.502	-0.4	33.7		2.87		TAS					m_e	
CLL	145.30		PKPbc	22:34:05.403	-0.0	33.7		2.87		TAS					m_e	
GEC2	147.01		PKPbc	22:34:10.838		33.7		2.87		TAS					m_e	
GUNZ	146.32		PKPbc	22:34:09.158		33.7		2.87		TAS					m_e	
MOX	146.35		PKPbc	22:34:08.664		33.7		2.87		TAS					m_e	
ROTZ	146.86		PKPbc	22:34:10.541		33.7		2.87		TAS					m_e	
TANN	146.23		PKPbc	22:34:08.466	-0.1	33.7		2.87		TAS					m_e	
UBR	149.37		PKPbc	22:34:17.162		33.7		2.87		TAS					m_e	
WERN	146.37		PKPbc	22:34:09.356		33.7		2.87		TAS					m_e	