

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

(produced by SZO/BGR - HANNOVER)

July 2015 UPDATED 12.October.2017

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

Event 50701001 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/01	02:25:42.20		63.8200	-23.2200					10.0			15		20.24	25.39	m i ke	EMSC
OrigID 50701037																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50701007
Ms	4.3		BGR	50701007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	20.86		P	02:30:27.402	1.8	320.5		9.86		TAS		11.5	0.87	m_e mb	4.2
ASSE	21.15		P	02:30:28.115	-1.1	320.5		9.86		TAS		15.2	1.21	m_e mb	4.2
BUG	20.24		P	02:30:19.661	-0.3	320.5		9.86		TAS				m_e	
FLT1	21.24		P	02:30:26.689	-1.3	320.5		9.86		TAS		16.0	1.07	m_e mb	4.3
GEC2	24.89		P	02:31:06.717		320.5		9.86		TAS		6.3	1.11	m_e mb	4.3
GRA1	23.21		P	02:30:51.032		320.5		9.86		TAS		12.0	0.93	m_e mb	4.4
GRA1	23.21		L	02:39:31.274						T__		740.9	20.10	a_e Ms	4.1
GTTG	21.28		P	02:30:28.319	0.2	320.5		9.86		TAS				m_e	
MANZ	23.35		P	02:30:48.791		320.5		9.86		TAS		10.2	0.94	m_e mb	4.3
MOX	22.64		L	02:39:55.307						T__		1277.3	18.60	a_e Ms	4.4
NEUB	22.30		P	02:30:39.726	1.4	320.5		9.86		TAS				m_e	
NRDL	20.64		P	02:30:22.819	0.8	320.5		9.86		TAS		9.0	0.99	m_e mb	4.1
RJOB	25.39		P	02:31:08.958		320.5		9.86		TAS		65.0	0.84	m_e mb	5.4
ROTZ	23.56		P	02:30:52.050		320.5		9.86		TAS		5.6	0.78	m_e mb	4.2
TNS	21.66		P	02:30:36.263		320.5		9.86		TAS		13.7	1.09	m_e mb	4.3
WERD	23.08		P	02:30:46.448		320.5		9.86		TAS		15.4	1.25	m_e mb	4.4
WERN	23.23		P	02:30:47.874		320.5		9.86		TAS		13.6	1.06	m_e mb	4.4

Event 50701002 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/01	04:59:33.18		63.1280	-23.4120					33.0			18		20.06	25.21	m i ke	BGR
OrigID 50701008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50701008
Ms	4.1		BGR	50701008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	21.03		P	05:04:12.545	-0.5	318.8		10.15		TAS		16.7	1.20	m_e	mb	4.2
BUG	20.06		P	05:04:02.664	-0.1	318.8		10.15		TAS		18.8	1.02	m_e	mb	4.3
CLL	22.63		P	05:04:31.490	-0.2	318.8		10.15		TAS				m_e		
CLZ	21.10		P	05:04:15.096	-1.2	318.8		10.15		TAS		8.9	1.07	m_e	mb	4.0
FLT1	21.13		P	05:04:14.021	0.8	318.8		10.15		TAS		7.4	0.93	m_e	mb	4.0
GEC2	24.75		P	05:04:50.616		318.8		10.15		TAS		10.3	1.32	m_e	mb	4.4
GRA1	23.05		P	05:04:35.178		318.8		10.15		TAS		16.3	1.18	m_e	mb	4.4
GRA1	23.05		L	05:13:53.071						T__		408.8	21.90	a_e	Ms	3.8
GTTG	21.14		P	05:04:14.276	2.2	318.8		10.15		TAS		56.4	1.20	m_e	mb	4.8
GUNZ	23.02		P	05:04:34.222	0.9	318.8		10.15		TAS		6.1	0.98	m_e	mb	4.1
MANZ	23.21		P	05:04:34.889		318.8		10.15		TAS		18.4	1.35	m_e	mb	4.4
MOX	22.51		P	05:04:28.484	0.4	318.8		10.15		TAS		21.6	1.32	m_e	mb	4.5
MOX	22.51		L	05:13:58.694						T__		1059.6	19.70	a_e	Ms	4.3
NEUB	22.18		P	05:04:24.932	-0.5	318.8		10.15		TAS		26.6	1.03	m_e	mb	4.6
NRDL	20.52		P	05:04:07.035	-0.8	318.8		10.15		TAS		16.1	1.31	m_e	mb	4.2
PLN	22.86		P	05:04:31.626	1.5	318.8		10.15		TAS		11.8	1.15	m_e	mb	4.3
RJOB	25.21		P	05:04:55.261		318.8		10.15		TAS		54.5	0.90	m_e	mb	5.3
TANN	23.04		P	05:04:33.309	-0.9	318.8		10.15		TAS		15.5	1.29	m_e	mb	4.4
TNS	21.47		P	05:04:20.287	-1.0	318.8		10.15		TAS		43.6	1.45	m_e	mb	4.6
WERN	23.10		P	05:04:36.135	-0.9	318.8		10.15		TAS		12.9	1.16	m_e	mb	4.3

Event 50701009 Macquarie Island, Australia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/01	14:30:20.50		-52.1800	159.8700					10.0			16		158.34	162.96	m i ke	EMSC
OrigID 50701045																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.4		BGR	50701015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	162.96		PKPab	14:51:12.779		109.2		4.44		TAS				m_e	
BRG	158.87		PKPab	14:50:54.624	0.4	109.2		4.44		TAS				m_e	
BSEG	161.68		PKPab	14:51:06.927	0.2	109.2		4.44		TAS				m_e	

CLL	159.56	PKPab	14:50:57.025	-0.3	109.2	4.44	TAS	m_e										
CLZ	161.28	PKPab	14:51:04.677	0.3	109.2	4.44	TAS	m_e										
FBE	159.24	PKPab	14:50:56.425	0.6	109.2	4.44	TAS	m_e										
GEC2	158.34	PKPab	14:50:52.074	-0.3	109.2	4.44	TAS	m_e										
GRA1	160.16	PKPab	14:51:00.476	-0.2	109.2	4.44	TAS	m_e										
GRA1	160.16	L	16:06:31.164				T__				530.0	21.40	a_e	Ms			5.4	
GTTG	161.46	PKPab	14:51:05.877	-0.2	109.2	4.44	TAS	m_e										
IBBN	162.96	PKPab	14:51:12.629		109.2	4.44	TAS	m_e										
MANZ	159.72	PKPab	14:50:58.525	-1.0	109.2	4.44	TAS	m_e										
MOX	160.22	PKPab	14:51:00.476	-0.3	109.2	4.44	TAS	m_e										
MOX	160.22	L	16:09:25.527				T__				543.7	20.50	a_e	Ms			5.4	
NRDL	161.58	PKPab	14:51:06.627	0.1	109.2	4.44	TAS	m_e										
TNS	162.03	PKPab	14:51:08.428		109.2	4.44	TAS	m_e										
UBBA	161.25	PKPab	14:51:04.677	0.1	109.2	4.44	TAS	m_e										
WERD	159.74	PKPab	14:50:57.175	0.2	109.2	4.44	TAS	m_e										

Event 50701010 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/01	19:35:21.00			-10.9400	162.5400				10.0			16		131.75	136.66	m i ke	EMSC
OrigID 50701046																	

Magnitude Err Nsta Author OrigID
Ms 5.9 BGR 50701016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	132.61		PKPdf	19:54:34.781	-0.4	41.5		1.82		TAS				m_e	
BSEG	131.75		PKPdf	19:54:34.114	-0.3	41.5		1.82		TAS				m_e	
CLL	132.70		PKPdf	19:54:34.864	0.2	41.5		1.82		TAS				m_e	
CLZ	133.37		PKPdf	19:54:36.783	1.2	41.5		1.82		TAS				m_e	
GEC2	134.16		PKPdf	19:54:37.783		41.5		1.82		TAS				m_e	
GRA1	134.66		L	20:57:44.436						T__		2573.3	20.10	a_e	Ms 5.9
GUNZ	133.68		PKPdf	19:54:37.200	-0.2	41.5		1.82		TAS				m_e	
MANZ	134.06		PKPdf	19:54:37.867		41.5		1.82		TAS				m_e	
MOX	133.78		PKPdf	19:54:37.116		41.5		1.82		TAS				m_e	
MOX	133.78		L	20:56:47.500						T__		2683.2	21.10	a_e	Ms 5.9
NRDL	132.96		PKPdf	19:54:35.698	-0.7	41.5		1.82		TAS				m_e	
PLN	133.66		PKPdf	19:54:36.949	-0.2	41.5		1.82		TAS				m_e	
RJOB	135.38		PKPdf	19:54:40.953		41.5		1.82		TAS				m_e	
ROTZ	134.18		PKPdf	19:54:37.783		41.5		1.82		TAS				m_e	
TANN	133.59		PKPdf	19:54:37.033	-0.2	41.5		1.82		TAS				m_e	
UBR	136.66		PKPdf	19:54:42.037		41.5		1.82		TAS				m_e	
WERD	133.63		PKPdf	19:54:36.282	0.1	41.5		1.82		TAS				m_e	
WERN	133.72		PKPdf	19:54:38.367	0.7	41.5		1.82		TAS				m_e	

Event 50702002 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
2015/07/02	06:05:43.39			38.8310	142.9090				33.0			20		78.99	84.31	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50702008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	84.31		P	06:18:10.029		36.0		5.26		TAS		23.3	1.11	m_e	mb	5.3
BRG	80.10		P	06:17:48.126	-0.3	36.0		5.26		TAS		10.1	1.06	m_e	mb	4.7
BSEG	78.99		P	06:17:42.676	0.2	36.0		5.26		TAS		20.4	0.97	m_e	mb	5.1
CLL	80.12		P	06:17:48.025	-0.5	36.0		5.26		TAS		18.7	1.00	m_e	mb	5.0
CLZ	80.67		P	06:17:51.659	0.3	36.0		5.26		TAS		23.3	1.24	m_e	mb	5.1
FBE	80.29		P	06:17:49.640	0.2	36.0		5.26		TAS		19.8	1.04	m_e	mb	5.0
FLT1	79.96		P	06:17:47.117	-0.5	36.0		5.26		TAS		18.5	1.08	m_e	mb	4.9
GEC2	81.80		P	06:17:57.008	0.2	36.0		5.26		TAS		6.8	1.11	m_e	mb	4.7
GRA1	82.10		P	06:17:59.330	-0.3	36.0		5.26		TAS		22.9	1.12	m_e	mb	5.2
GTTG	81.06		P	06:17:53.638	0.2	36.0		5.26		TAS		22.3	1.25	m_e	mb	5.1
GUNZ	81.13		P	06:17:53.879	0.2	36.0		5.26		TAS		9.9	1.05	m_e	mb	4.8
MANZ	81.52		P	06:17:56.100	0.4	36.0		5.26		TAS		9.4	1.27	m_e	mb	4.8
MOX	81.18		P	06:17:53.980	-0.1	36.0		5.26		TAS		6.5	0.90	m_e	mb	4.7
NEUB	80.68		P	06:17:51.255	-0.2	36.0		5.26		TAS		31.4	1.30	m_e	mb	5.2
NRDL	80.23		P	06:17:49.135	0.1	36.0		5.26		TAS		17.2	1.37	m_e	mb	4.8
RJOB	83.05		P	06:18:04.175		36.0		5.26		TAS		69.2	1.02	m_e	mb	5.8
ROTZ	81.66		P	06:17:56.806	0.2	36.0		5.26		TAS		21.6	1.54	m_e	mb	5.0
TANN	81.04		P	06:17:53.375	0.0	36.0		5.26		TAS		4.9	1.01	m_e	mb	4.5
WERN	81.17		P	06:17:54.283	0.2	36.0		5.26		TAS		8.0	0.95	m_e	mb	4.7
WET	81.89		P	06:17:58.018	-0.5	36.0		5.26		TAS		10.0	1.11	m_e	mb	4.9

Event 50702003 Eastern Kashmir

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/02	07:18:11.74			33.4760	75.1670				10.0			27		47.18	52.28	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50702009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	51.56		P	07:27:17.252	0.0	84.1		7.68		TAS		21.9	0.96	a_e	mb	5.1
BFO	51.08		P	07:27:12.652	-0.6	84.1		7.68		TAS		12.4	1.17	a_e	mb	4.7
BRG	47.18		P	07:26:43.402	-0.2	84.1		7.68		TAS		22.9	1.02	a_e	mb	5.2

BSEG	49.25	P	07:26:59.652	0.7	84.1	7.68	TAS	33.2	0.94	a_e	mb	5.4
BUG	51.32	P	07:27:15.202	-0.2	84.1	7.68	TAS	32.2	0.96	a_e	mb	5.2
CLL	47.75	P	07:26:47.302	-0.7	84.1	7.68	TAS	14.9	1.12	a_e	mb	4.9
CLZ	49.35	P	07:27:00.352	0.1	84.1	7.68	TAS	31.1	0.98	a_e	mb	5.4
FBE	47.55	P	07:26:46.502	0.1	84.1	7.68	TAS	27.8	0.97	a_e	mb	5.3
FLT1	48.79	P	07:26:55.202	-0.6	84.1	7.68	TAS	34.6	0.87	a_e	mb	5.5
GEC2	47.48	P	07:26:45.602	0.0	84.1	7.68	TAS	9.6	1.05	a_e	mb	4.8
GTTG	49.63	P	07:27:02.452	0.0	84.1	7.68	TAS	40.7	0.94	a_e	mb	5.5
GUNZ	48.24	P	07:26:51.752	0.0	84.1	7.68	TAS	15.3	0.96	a_e	mb	5.1
IBBN	50.92	P	07:27:12.202	0.0	84.1	7.68	TAS	44.2	0.74	a_e	mb	5.6
MANZ	48.41	P	07:26:53.502	0.5	84.1	7.68	TAS	15.6	1.03	a_e	mb	5.1
MOX	48.67	P	07:26:55.052	0.0	84.1	7.68	TAS	18.3	1.09	a_e	mb	5.1
NEUB	48.53	P	07:26:53.602	-0.4	84.1	7.68	TAS	35.7	0.96	a_e	mb	5.5
NRDL	49.46	P	07:27:01.302	0.3	84.1	7.68	TAS	29.6	1.20	m_e	mb	5.3
PLN	48.34	P	07:26:52.402	-0.1	84.1	7.68	TAS	11.8	0.99	a_e	mb	5.0
RJOB	48.19	P	07:26:50.952	0.3	84.1	7.68	TAS	81.5	0.83	a_e	mb	5.9
ROTZ	48.37	P	07:26:53.202	0.6	84.1	7.68	TAS	23.0	1.18	a_e	mb	5.2
TANN	48.15	P	07:26:51.052	0.0	84.1	7.68	TAS	12.2	0.95	a_e	mb	5.0
TNS	50.73	P	07:27:10.902	0.0	84.1	7.68	TAS	13.4	0.92	a_e	mb	5.0
UBBA	49.68	P	07:27:02.502	-0.3	84.1	7.68	TAS	9.5	0.88	a_e	mb	4.9
UBR	50.00	P	07:27:04.802	0.2	84.1	7.68	TAS	37.2	0.80	a_e	mb	5.6
WERD	48.25	P	07:26:51.702	-0.1	84.1	7.68	TAS	15.3	1.02	a_e	mb	5.1
WERN	48.22	P	07:26:51.652	0.1	84.1	7.68	TAS	8.5	1.11	a_e	mb	4.8
WLF	52.28	P	07:27:22.902	0.2	84.1	7.68	TAS	32.5	0.84	a_e	mb	5.3

Event 50702004 Off coast of South Africa

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/02	07:26:49.60			-34.7700	16.2900				10.0			20		82.19	87.06	m i ke	EMSC
50702040																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50702010
Ms	4.9		BGR	50702010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	83.03		P	07:39:26.470	-0.3	175.8		5.02		TAS		49.9	1.36	m_e	mb	5.6
BRG	85.30		P	07:39:45.093	0.2	175.8		5.02		TAS		65.4	2.21	m_e	mb	5.5
CLL	85.76		P	07:39:45.694	-0.1	175.8		5.02		TAS		47.4	1.59	m_e	mb	5.4
CLZ	86.40		P	07:39:45.814	0.2	175.8		5.02		TAS		76.5	2.00	m_e	mb	5.5
FLT1	86.85		P	07:39:48.097	-0.7	175.8		5.02		TAS		56.1	1.66	m_e	mb	5.4
GEC2	83.27		P	07:39:35.361	0.3	175.8		5.02		TAS		24.8	1.59	m_e	mb	5.2
GRA1	84.21		P	07:39:36.442	0.2	175.8		5.02		TAS		133.5	1.61	m_e	mb	5.9
GRA1	84.21		L	08:16:49.585						T_		540.3	18.60	a_e	Ms	5.0
GUNZ	84.83		P	07:39:40.647	0.0	175.8		5.02		TAS		26.0	1.39	m_e	mb	5.3
MANZ	84.47		P	07:39:38.365	-0.2	175.8		5.02		TAS		51.3	1.80	m_e	mb	5.5

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	50703012
MBB	6.6		BGR	50703012
Ms	6.8		BGR	50703012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	50.95		P	01:16:46.411		79.5		7.71		TAS				a_e	
BFO	50.65		P	01:16:44.061	-0.3	79.5		7.71		TAS		406.5	2.13	a_e	mb 6.0
BFO	50.65		L	01:40:25.919						T__		77873.7	18.50	a_e	Ms 6.8
BRG	46.59		P	01:16:12.961	-0.0	79.5		7.71		TAS		387.5	1.86	a_e	mb 6.2
BSEG	48.40		P	01:16:26.561	0.7	79.5		7.71		TAS		516.1	1.32	a_e	mb 6.5
BSEG	48.40		L	01:38:52.582						T__		107281.0	19.50	a_e	Ms 6.8
BUG	50.64		P	01:16:43.811	-0.3	79.5		7.71		TAS		390.1	1.50	a_e	mb 6.1
CLL	47.12		P	01:16:16.511	0.3	79.5		7.71		TAS		375.5	1.52	m_e	mb 6.3
CLL	47.12		L	01:37:59.801						T__		118433.0	18.70	a_e	Ms 6.9
CLZ	48.67		P	01:16:28.811	1.3	79.5		7.71		TAS		255.8	1.10	a_e	mb 6.2
FBE	46.96		P	01:16:15.961	0.5	79.5		7.71		TAS		156.5	0.87	m_e	mb 6.2
FLT1	48.07		P	01:16:23.361	-0.2	79.5		7.71		TAS		384.5	1.32	a_e	mb 6.4
FUR	48.76		P	01:16:30.661	-0.3	79.5		7.71		TAS		623.8	1.38	a_e	mb 6.5
FUR	48.76		L	01:39:23.271						T__		75746.8	18.40	a_e	Ms 6.7
GEC2	47.05		P	01:16:17.211	-0.7	79.5		7.71		TAS		632.3	2.26	a_e	MBB 6.6
GEC2	47.05		L	01:38:34.881						T__		65210.6	18.40	a_e	Ms 6.6
GRA1	48.50		P	01:16:28.661	0.3	79.5		7.71		TAS		690.7	1.86	a_e	MBB 6.6
GRA1	48.50		L	01:38:58.219						T__		115287.0	19.30	a_e	Ms 6.9
GTTG	48.97		P	01:16:31.261	1.0	79.5		7.71		TAS		350.6	0.96	a_e	mb 6.4
GUNZ	47.68		P	01:16:21.527	-0.3	79.5		7.71		TAS		424.5	1.81	m_e	mb 6.3
HLG	49.78		P	01:16:37.504	-0.3	79.5		7.71		TAS		502.2	1.10	m_e	mb 6.4
IBBN	50.18		P	01:16:40.111	-0.3	79.5		7.71		TAS		761.3	1.91	a_e	mb 6.3
KAST	49.98		P	01:16:38.761	-0.2	79.5		7.71		TAS		124.4	1.65	a_e	mb 5.6
LNIZ	46.15		P	01:16:08.595	-0.4	79.5		7.71		TAS				m_e	
MANZ	47.89		P	01:16:23.461	0.4	79.5		7.71		TAS		250.2	1.57	a_e	mb 6.1
MILB	49.71		P	01:16:36.911	0.1	79.5		7.71		TAS		245.8	1.30	a_e	mb 6.0
MOX	48.09		P	01:16:24.561	0.5	79.5		7.71		TAS		288.1	1.42	a_e	MBB 6.5
MOX	48.09		L	01:38:40.810						T__		155909.0	18.40	a_e	Ms 7.0
NEUB	47.91		P	01:16:22.818	0.3	79.5		7.71		TAS		356.0	1.25	m_e	mb 6.4
NRDL	48.73		P	01:16:29.461	0.8	79.5		7.71		TAS		664.4	1.42	a_e	mb 6.5
PLN	47.77		P	01:16:22.115	0.5	79.5		7.71		TAS		229.9	1.49	m_e	mb 6.1
RJOB	47.85		P	01:16:23.061	-0.8	79.5		7.71		TAS		208.3	0.83	a_e	mb 6.3
ROTZ	47.86		P	01:16:23.462	-0.4	79.5		7.71		TAS		273.8	1.35	m_e	mb 6.2
RUE	46.50		P	01:16:11.551	-0.6	79.5		7.71		TAS				m_e	
SKMB	48.81		P	01:16:30.061	-0.0	79.5		7.71		TAS		1385.4	2.03	a_e	mb 6.6
STU	49.99		P	01:16:39.511	-0.3	79.5		7.71		TAS		298.5	1.12	a_e	mb 6.1
TANN	47.59		P	01:16:20.806	0.0	79.5		7.71		TAS		357.6	1.74	m_e	mb 6.2
TNS	50.16		P	01:16:40.361	-0.4	79.5		7.71		TAS		173.5	1.35	a_e	mb 5.8
TNS	50.16		L	01:39:52.422						T__		81145.2	21.50	a_e	Ms 6.7
UBBA	49.07		P	01:16:31.961	0.3	79.5		7.71		TAS		188.4	1.37	a_e	mb 5.9
UBR	49.64		P	01:16:36.811	-0.4	79.5		7.71		TAS		597.6	1.46	a_e	mb 6.3
WERD	47.69		P	01:16:21.312	-0.2	79.5		7.71		TAS		343.9	1.75	m_e	mb 6.2
WERN	47.67		P	01:16:21.517	-0.1	79.5		7.71		TAS		239.6	1.69	m_e	mb 6.1

./2015/bul1507.txt

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WET	47.54	P	01:16:20.811	-0.1	79.5	7.71	TAS	418.5	1.73	a_e	mb	6.3
WET	47.54	L	01:38:40.126				T__	98470.9	18.20	a_e	Ms	6.8
WLF	51.73	P	01:16:52.511		79.5	7.71	TAS	294.2	1.03	a_e	mb	6.2

Event 50703007 Southern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/03	03:11:06.44			36.6390	80.8010				33.0					48.70	52.83	m i ke	BGR
OrigID 50703013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50703013
Ms	4.5		BGR	50703013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	52.83		L	03:43:51.204						T__		581.4	20.30	a_e	Ms 4.6
BRG	48.70		P	03:19:46.339		82.8		6.90		TAS		9.0	0.95	m_e	mb 4.8
BSEG	50.35		P	03:19:59.562		82.8		6.90		TAS		18.2	0.84	m_e	mb 5.0
BSEG	50.35		L	03:42:27.378						T__		477.4	19.80	a_e	Ms 4.5
CLL	49.21		L	03:41:24.273						T__		523.2	21.90	a_e	Ms 4.5
FUR	50.97		L	03:43:05.562						T__		626.6	18.70	a_e	Ms 4.7
GEC2	49.24		L	03:41:42.373						T__		605.2	20.20	a_e	Ms 4.6
GRA1	50.65		P	03:20:01.567		82.8		6.90		TAS		161.4	3.03	m_e	mb 5.4
GRA1	50.65		L	03:43:09.139						T__		356.8	21.80	a_e	Ms 4.3
MOX	50.20		L	03:43:32.528						T__		456.5	19.30	a_e	Ms 4.5
TNS	52.27		L	03:40:57.818						T__		464.4	20.50	a_e	Ms 4.5
WET	49.71		L	03:42:29.423						T__		457.1	18.80	a_e	Ms 4.5

Event 50703008 Andaman Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/07/03	03:16:39.33			10.6040	94.0560				33.0					38	75.51	80.66	m i ke	BGR
OrigID 50703014																		

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50703014
Ms	5.0		BGR	50703014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.99		P	03:28:45.270	0.3	88.5		5.60		TAS		60.2	1.19	a_e	mb 5.4
ASSE	77.65		P	03:28:31.670	-0.3	88.5		5.60		TAS		11.2	1.07	a_e	mb 4.9
BFO	79.34		P	03:28:41.070	-0.1	88.5		5.60		TAS		23.4	1.26	a_e	mb 5.1
BFO	79.34		L	04:09:51.851						T__		635.3	21.30	a_e	Ms 4.9

BRG	75.62	P	03:28:20.670	0.0	88.5	5.60	TAS	49.1	1.08	m_e	mb	5.6
BSEG	77.83	P	03:28:32.970	0.1	88.5	5.60	TAS	100.5	1.05	a_e	mb	5.9
BSEG	77.83	L	04:08:50.827				T__	1025.5	18.70	a_e	Ms	5.2
BUG	79.80	P	03:28:43.820	0.1	88.5	5.60	TAS	77.3	1.07	a_e	mb	5.6
CLL	76.21	P	03:28:23.570	-0.4	88.5	5.60	TAS	49.6	1.35	a_e	mb	5.5
CLL	76.21	L	04:06:37.048				T__	766.0	21.30	a_e	Ms	5.0
CLZ	77.85	P	03:28:33.120	0.0	88.5	5.60	TAS	61.5	1.01	a_e	mb	5.7
FBE	75.99	P	03:28:23.020	0.3	88.5	5.60	TAS	87.0	1.06	a_e	mb	5.8
FLT1	77.30	P	03:28:29.220	-0.8	88.5	5.60	TAS	23.6	1.02	a_e	mb	5.3
FUR	77.38	P	03:28:30.370	-0.1	88.5	5.60	TAS			a_e		
FUR	77.38	L	03:59:47.281				T__	621.3	20.90	a_e	Ms	4.9
GEC2	75.75	P	03:28:21.570	0.1	88.5	5.60	TAS	40.7	0.97	a_e	mb	5.5
GEC2	75.75	L	04:03:23.389				T__	732.6	21.40	a_e	Ms	5.0
GRA1	77.37	P	03:28:31.020	0.5	88.5	5.60	TAS	51.3	1.26	a_e	mb	5.5
GRA1	77.37	L	04:07:13.511				T__	1073.0	21.80	a_e	Ms	5.1
GTTG	78.11	P	03:28:34.520	-0.1	88.5	5.60	TAS	66.2	1.02	a_e	mb	5.7
GUNZ	76.64	P	03:28:26.520	0.1	88.5	5.60	TAS	36.2	1.18	a_e	mb	5.4
IBBN	79.44	P	03:28:41.870	-0.2	88.5	5.60	TAS	99.0	1.06	a_e	mb	5.8
KAST	79.10	P	03:28:40.020	-0.1	88.5	5.60	TAS	33.1	1.18	a_e	mb	5.2
LNIZ	75.51	P	03:28:19.620	-0.3	88.5	5.60	TAS	124.6	1.08	a_e	mb	6.0
MANZ	76.79	P	03:28:27.699	0.6	88.5	5.60	TAS	67.5	1.46	m_e	mb	5.6
MILB	78.61	P	03:28:37.320	-0.1	88.5	5.60	TAS	27.0	1.02	a_e	mb	5.2
MOX	77.10	P	03:28:28.836	0.0	88.5	5.60	TAS	33.3	1.25	m_e	mb	5.3
MOX	77.10	L	04:07:30.885				T__	914.3	21.00	a_e	Ms	5.1
NRDL	77.99	P	03:28:34.270	0.4	88.5	5.60	TAS	108.2	1.36	a_e	mb	5.8
PLN	76.75	P	03:28:26.870	-0.0	88.5	5.60	TAS	23.4	1.10	m_e	mb	5.2
RGN	76.07	P	03:28:22.870	-0.0	88.5	5.60	TAS			a_e		
RJOB	76.37	P	03:28:24.520	-0.3	88.5	5.60	TAS	69.2	1.02	a_e	mb	5.7
ROTZ	76.73	P	03:28:27.409	0.6	88.5	5.60	TAS	54.2	1.31	m_e	mb	5.5
RUE	75.75	P	03:28:21.020	-0.3	88.5	5.60	TAS	113.7	1.00	a_e	mb	6.0
TANN	76.56	P	03:28:25.970	0.0	88.5	5.60	TAS	30.9	1.23	a_e	mb	5.3
TNS	79.14	P	03:28:40.306	0.1	88.5	5.60	TAS	25.9	1.13	m_e	mb	5.2
TNS	79.14	L	04:08:58.584				T__	639.0	21.50	a_e	Ms	4.9
UBBA	78.12	P	03:28:34.238	0.1	88.5	5.60	TAS			m_e		
UBR	78.18	P	03:28:34.670	-0.3	88.5	5.60	TAS	25.9	1.11	a_e	mb	5.3
WERD	76.66	P	03:28:26.470	-0.0	88.5	5.60	TAS	34.9	1.12	a_e	mb	5.4
WERN	76.61	P	03:28:26.420	0.2	88.5	5.60	TAS	21.8	1.07	a_e	mb	5.2
WET	76.30	P	03:28:24.670	0.2	88.5	5.60	TAS	34.0	1.22	a_e	mb	5.3
WET	76.30	L	04:07:56.308				T__	727.9	21.20	a_e	Ms	5.0
WLF	80.66	P	03:28:49.170		88.5	5.60	TAS	58.2	1.49	a_e	mb	5.4

Event 50703009 Samar, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/03	06:43:33.46			12.4640	124.4810				33.0			31		92.94	97.94	m i ke	BGR
50703015																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	50703015
MBB	6.4		BGR	50703015
Ms	5.9		BGR	50703015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	96.99		P	06:57:01.145		64.2		4.55		TAS		69.4	1.50	a_e	mb	6.1
BFO	97.33		P	06:57:02.195		64.2		4.55		TAS		39.2	1.39	a_e	mb	5.8
BFO	97.33		L	07:47:48.978						T__		3943.6	20.30	a_e	Ms	5.9
BRG	92.94		P	06:56:42.423	-0.1	64.2		4.55		TAS		89.7	1.49	m_e	mb	6.0
BSEG	93.64		P	06:56:45.745	0.0	64.2		4.55		TAS		83.8	1.29	a_e	mb	5.9
BSEG	93.64		L	07:44:16.370						T__		4341.4	21.10	a_e	Ms	5.9
BUG	96.45		P	06:56:58.345		64.2		4.55		TAS		90.5	1.17	a_e	mb	6.2
CLL	93.30		P	06:56:43.945	-0.1	64.2		4.55		TAS		41.5	1.00	a_e	mb	5.8
CLL	93.30		L	07:44:49.777						T__		5345.4	20.80	a_e	Ms	6.0
CLZ	94.55		P	06:56:50.195	-0.1	64.2		4.55		TAS		97.7	1.13	a_e	mb	6.1
FBE	93.26		P	06:56:44.345	-0.6	64.2		4.55		TAS		115.7	1.44	m_e	mb	6.1
FLT1	93.86		P	06:56:46.195	-0.0	64.2		4.55		TAS		72.6	1.23	a_e	mb	5.9
FUR	95.65		L	07:44:39.243						T__		3021.7	21.40	a_e	Ms	5.7
GEC2	93.89		P	06:56:46.945	0.1	64.2		4.55		TAS		77.4	0.99	a_e	mb	6.0
GEC2	93.89		L	07:45:03.244						T__		4057.7	21.40	a_e	Ms	5.9
GRA1	95.02		P	06:56:52.395	-0.3	64.2		4.55		TAS		64.2	1.36	a_e	MBB	6.5
GRA1	95.02		L	07:44:54.564						T__		3644.6	22.00	a_e	Ms	5.8
GTTG	94.91		P	06:56:51.695	0.2	64.2		4.55		TAS		80.7	1.02	a_e	mb	6.1
GUNZ	94.08		P	06:56:47.995	0.4	64.2		4.55		TAS		75.2	1.18	a_e	mb	5.9
IBBN	95.76		P	06:56:55.445	-0.4	64.2		4.55		TAS		108.0	1.14	a_e	mb	6.3
KAST	95.93		P	06:56:56.395	0.3	64.2		4.55		TAS		78.8	1.39	a_e	mb	6.1
MANZ	94.37		P	06:56:49.545	-0.3	64.2		4.55		TAS		45.0	1.41	a_e	mb	5.6
MILB	96.07		P	06:56:56.745		64.2		4.55		TAS		56.5	1.41	a_e	mb	5.9
MOX	94.37		P	06:56:49.195	0.1	64.2		4.55		TAS		55.5	1.19	a_e	MBB	6.3
MOX	94.37		L	07:46:02.836						T__		4568.0	19.90	a_e	Ms	5.9
NEUB	94.05		P	06:56:47.545	0.0	64.2		4.55		TAS		100.9	1.36	a_e	mb	6.0
NRDL	94.40		P	06:56:49.595	0.1	64.2		4.55		TAS		108.0	1.20	a_e	mb	6.1
PLN	94.13		P	06:56:48.095	0.3	64.2		4.55		TAS		76.1	1.40	a_e	mb	5.8
RJOB	94.90		P	06:56:51.345	-0.2	64.2		4.55		TAS		316.3	1.10	a_e	mb	6.7
ROTZ	94.41		P	06:56:49.645	0.3	64.2		4.55		TAS		94.3	1.35	a_e	mb	5.9
TANN	93.98		P	06:56:47.445	0.2	64.2		4.55		TAS		53.9	1.20	a_e	mb	5.8
TNS	96.37		P	06:56:58.445		64.2		4.55		TAS		73.6	1.39	a_e	mb	6.0
TNS	96.37		L	07:46:23.011						T__		5699.8	20.60	a_e	Ms	6.0
UBBA	95.22		P	06:56:53.145	-0.3	64.2		4.55		TAS		53.0	1.39	a_e	mb	5.8
UBR	96.56		P	06:56:58.845		64.2		4.55		TAS		74.0	1.12	a_e	mb	6.2
WERD	94.06		P	06:56:47.745	0.2	64.2		4.55		TAS		79.7	1.39	a_e	mb	5.9
WERN	94.09		P	06:56:48.045	0.0	64.2		4.55		TAS		79.3	1.43	a_e	mb	5.8
WET	94.27		P	06:56:48.945	0.2	64.2		4.55		TAS		83.4	1.36	a_e	mb	5.9
WET	94.27		L	07:43:37.683						T__		4020.9	21.20	a_e	Ms	5.9
WLF	97.94		P	06:57:05.745		64.2		4.55		TAS		106.3	1.06	a_e	mb	6.5

Event 50704006 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/04	04:23:52.55			39.8520	144.4850				33.0					78.61	83.98	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50704012
Ms	4.0		BGR	50704012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	83.98		L	05:17:18.204						T__		51.3	21.40	a_e	Ms 3.9
BRG	79.82		P	04:35:55.965		38.2		4.42		TAS		5.5	0.81	m_e	mb 4.5
BSEG	78.61		P	04:35:49.831		38.2		4.42		TAS		16.0	1.29	m_e	mb 4.9
BSEG	78.61		L	05:12:53.726						T__		106.9	20.20	a_e	Ms 4.2
CLL	79.82		P	04:35:55.816		38.2		4.42		TAS		9.4	0.81	m_e	mb 4.8
CLL	79.82		L	05:12:28.790						T__		49.4	20.50	a_e	Ms 3.8
CLZ	80.32		P	04:35:59.411		38.2		4.42		TAS		14.5	1.29	m_e	mb 4.8
FBE	80.00		P	04:35:57.295		38.2		4.42		TAS		8.9	0.74	m_e	mb 4.8
FLT1	79.62		P	04:35:54.865		38.2		4.42		TAS		8.2	0.60	m_e	mb 4.8
FUR	83.04		L	05:16:13.438						T__		87.5	18.40	a_e	Ms 4.2
GEC2	81.55		L	05:14:48.298						T__		87.9	20.10	a_e	Ms 4.1
GRA1	81.80		P	04:36:06.873		38.2		4.42		TAS		16.8	1.31	m_e	mb 5.0
GRA1	81.80		L	05:14:14.609						T__		48.2	21.40	a_e	Ms 3.8
MOX	80.87		P	04:36:01.717		38.2		4.42		TAS		7.1	1.18	m_e	mb 4.6
MOX	80.87		L	05:14:10.316						T__		40.1	20.60	a_e	Ms 3.8
TNS	82.34		L	05:13:06.467						T__		53.4	21.10	a_e	Ms 3.9
WET	81.62		L	05:15:20.676						T__		157.6	18.50	a_e	Ms 4.4

Event 50704007 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/04	17:28:22.20			-32.1900	-177.8600				10.0				30	157.49	163.38	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID
Ms	5.0		BGR	50704013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	163.21		PKPab	17:49:15.014		24.6		4.40		TAS				a_e	
BRG	159.40		PKPab	17:48:58.341	0.6	24.6		4.40		TAS				m_e	
BSEG	157.49		PKPab	17:48:50.164	-0.4	24.6		4.40		TAS				m_e	
BUG	160.40		PKPab	17:49:01.994	-1.0	24.6		4.40		TAS				m_e	
CLL	159.29		PKPab	17:48:57.764	0.3	24.6		4.40		TAS				a_e	

CLZ	159.46	PKPab	17:48:58.467	0.3	24.6	4.40	TAS										m_e
FBE	159.53	PKPab	17:48:58.944	0.3	24.6	4.40	TAS										m_e
FLT1	158.81	PKPab	17:48:55.364	0.3	24.6	4.40	TAS										a_e
FUR	162.61	PKPab	17:49:13.014		24.6	4.40	TAS										a_e
GEC2	161.22	PKPab	17:49:06.120	0.3	24.6	4.40	TAS										m_e
GRA1	161.24	PKPab	17:49:06.724	0.5	24.6	4.40	TAS										m_e
GRA1	161.24	L	19:04:15.619				T__			245.9	20.80			a_e	Ms		5.0
GTTG	159.82	PKPab	17:49:00.364	-0.6	24.6	4.40	TAS										m_e
GUNZ	160.33	PKPab	17:49:02.653	0.0	24.6	4.40	TAS										m_e
IBBN	159.48	PKPab	17:48:58.410	-0.0	24.6	4.40	TAS										m_e
KAST	160.45	PKPab	17:49:01.478	-0.3	24.6	4.40	TAS										m_e
MANZ	160.73	PKPab	17:49:04.168	-0.1	24.6	4.40	TAS										m_e
MILB	161.59	PKPab	17:49:07.526		24.6	4.40	TAS										m_e
MOX	160.27	PKPab	17:49:01.929	-0.3	24.6	4.40	TAS										m_e
MOX	160.27	L	19:03:56.683				T__			262.0	21.00			a_e	Ms		5.1
NEUB	159.73	PKPab	17:48:59.814	0.6	24.6	4.40	TAS										a_e
NRDL	158.90	PKPab	17:48:55.299	-0.1	24.6	4.40	TAS										m_e
PLN	160.27	PKPab	17:49:02.395	-1.1	24.6	4.40	TAS										m_e
RJOB	162.48	PKPab	17:49:12.147		24.6	4.40	TAS										m_e
ROTZ	160.90	PKPab	17:49:05.614	-0.0	24.6	4.40	TAS										a_e
RUE	158.03	PKPab	17:48:52.074	-0.3	24.6	4.40	TAS										m_e
TNS	161.38	PKPab	17:49:06.552	0.2	24.6	4.40	TAS										m_e
UBBA	160.50	PKPab	17:49:02.475	0.5	24.6	4.40	TAS										m_e
UBR	163.38	PKPab	17:49:15.898		24.6	4.40	TAS										m_e
WERN	160.38	PKPab	17:49:03.214	0.7	24.6	4.40	TAS										a_e
WET	161.24	PKPab	17:49:06.466	-0.5	24.6	4.40	TAS										m_e
WLF	162.29	PKPab	17:49:11.257		24.6	4.40	TAS										m_e

Event 50704009 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/04	23:36:02.94			52.5910	-175.0560				33.0			33		73.75	80.01	m i ke	BGR
	50704015																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50704015
Ms	4.5		BGR	50704015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.23		P	23:47:51.767	0.0	3.9		5.57		TAS		49.8	1.22	a_e	mb	5.5
BFO	79.42		P	23:48:03.517		3.9		5.57		TAS		40.9	1.08	a_e	mb	5.4
BFO	79.42		L	00:26:00.231						T__		201.5	19.50	a_e	Ms	4.5
BRG	76.63		P	23:47:48.167	0.2	3.9		5.57		TAS		47.1	0.95	a_e	mb	5.6
BSEG	73.75		P	23:47:32.117	-0.2	3.9		5.57		TAS		50.7	0.96	a_e	mb	5.5
BSEG	73.75		L	00:32:13.859						T__		219.8	18.90	a_e	Ms	4.5
BUG	76.33		P	23:47:46.267	-0.1	3.9		5.57		TAS				a_e		

CLL	76.25	P	23:47:45.817	0.3	3.9	5.57	TAS	34.0	0.80	a_e	mb	5.5
CLL	76.25	L	00:30:31.648				T__	260.2	18.20	a_e	Ms	4.6
CLZ	75.84	P	23:47:44.267	0.0	3.9	5.57	TAS	60.7	0.95	m_e	mb	5.7
FBE	76.62	P	23:47:48.517	-0.0	3.9	5.57	TAS	83.3	1.14	a_e	mb	5.8
FLT1	75.32	P	23:47:40.467	0.3	3.9	5.57	TAS	35.6	0.88	a_e	mb	5.4
FUR	79.48	P	23:48:03.969		3.9	5.57	TAS	42.7	1.01	m_e	mb	5.4
FUR	79.48	L	00:32:24.037				T__	246.0	18.10	a_e	Ms	4.6
GEC2	78.67	P	23:47:59.567	-0.2	3.9	5.57	TAS	32.8	1.07	a_e	mb	5.3
GEC2	78.67	L	00:33:08.852				T__	309.6	18.70	a_e	Ms	4.7
GRA1	77.96	P	23:47:56.117	-0.3	3.9	5.57	TAS	89.8	0.96	a_e	mb	5.9
GRA1	77.96	L	00:32:23.990				T__	152.3	20.00	a_e	Ms	4.3
GTTG	76.15	P	23:47:45.917	0.1	3.9	5.57	TAS	62.1	1.04	a_e	mb	5.7
GUNZ	77.23	P	23:47:51.917	0.3	3.9	5.57	TAS	37.4	1.14	a_e	mb	5.4
IBBN	75.45	P	23:47:41.717	-0.4	3.9	5.57	TAS	64.7	1.01	a_e	mb	5.6
KAST	76.54	P	23:47:47.867	0.1	3.9	5.57	TAS	23.7	1.14	a_e	mb	5.2
LNIZ	74.00	P	23:47:33.517	-0.6	3.9	5.57	TAS	63.4	1.09	a_e	mb	5.6
MANZ	77.62	P	23:47:53.817	0.2	3.9	5.57	TAS	22.6	0.98	a_e	mb	5.3
MILB	77.89	P	23:47:55.317	-0.1	3.9	5.57	TAS	56.7	0.93	a_e	mb	5.7
MOX	76.99	P	23:47:50.367	0.3	3.9	5.57	TAS	43.4	1.02	a_e	mb	5.5
MOX	76.99	L	00:30:59.731				T__	213.5	18.80	a_e	Ms	4.5
NEUB	76.43	P	23:47:47.217	0.1	3.9	5.57	TAS	100.1	1.02	a_e	mb	5.9
NRDL	75.20	P	23:47:40.167	0.3	3.9	5.57	TAS	26.7	0.96	a_e	mb	5.2
PLN	77.12	P	23:47:51.017	0.0	3.9	5.57	TAS	27.0	1.07	a_e	mb	5.3
RJOB	79.83	P	23:48:05.917		3.9	5.57	TAS	74.2	0.89	a_e	mb	5.6
ROTZ	77.83	P	23:47:55.267	0.3	3.9	5.57	TAS	34.6	1.12	a_e	mb	5.4
RUE	75.04	P	23:47:39.467	0.0	3.9	5.57	TAS			a_e		
STU	78.95	P	23:48:00.967	-0.4	3.9	5.57	TAS	50.9	1.04	a_e	mb	5.5
TNS	77.52	P	23:47:53.267	0.4	3.9	5.57	TAS	39.5	0.92	a_e	mb	5.5
TNS	77.52	L	00:30:13.651				T__	171.7	21.40	a_e	Ms	4.3
UBBA	76.88	P	23:47:49.767	0.3	3.9	5.57	TAS	47.0	1.59	a_e	mb	5.4
UBR	80.01	P	23:48:06.774		3.9	5.57	TAS	42.0	1.32	m_e	mb	5.2
WERN	77.31	P	23:47:52.417	0.0	3.9	5.57	TAS	61.5	1.01	a_e	mb	5.7
WET	78.42	P	23:47:58.517	-0.2	3.9	5.57	TAS	35.4	1.35	a_e	mb	5.3
WET	78.42	L	00:34:16.193				T__	214.6	18.00	a_e	Ms	4.5
WLF	78.12	P	23:47:56.722	-0.3	3.9	5.57	TAS	27.9	1.11	m_e	mb	5.3

Event 50705006 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/05	10:41:58.09			39.8940	143.6080				33.0			17		78.27	83.63	m i ke	BGR
50705012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50705012
Ms	3.9		BGR	50705012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	83.63		P	10:54:21.185		35.0		5.31		TAS		7.9	0.92	m_e	mb	4.9
BFO	83.63		L	11:37:27.399						T__		41.2	18.30	a_e	Ms	3.8
BRG	79.45		P	10:53:59.238	-0.1	35.0		5.31		TAS		6.6	1.11	m_e	mb	4.6
BSEG	78.27		L	11:30:23.027						T__		64.2	21.20	a_e	Ms	3.9
CLL	79.46		P	10:53:59.097	-0.0	35.0		5.31		TAS		10.8	0.90	m_e	mb	4.9
CLL	79.46		L	11:33:58.052						T__		35.1	20.50	a_e	Ms	3.7
CLZ	79.98		P	10:54:02.667	-0.3	35.0		5.31		TAS		10.7	1.14	m_e	mb	4.7
FBE	79.64		P	10:54:00.585	0.0	35.0		5.31		TAS		36.7	1.98	m_e	mb	5.0
FLT1	79.27		P	10:53:58.122	-0.0	35.0		5.31		TAS		8.4	0.72	m_e	mb	4.9
FUR	82.67		L	11:34:06.533						T__		62.2	19.60	a_e	Ms	4.0
GEC2	81.17		P	10:54:08.257		35.0		5.31		TAS		4.7	1.26	m_e	mb	4.4
GRA1	81.43		P	10:54:10.508		35.0		5.31		TAS		12.9	0.98	m_e	mb	4.9
GRA1	81.43		L	11:32:40.610						T__		50.8	18.50	a_e	Ms	3.9
GUNZ	80.47		P	10:54:04.842	-0.5	35.0		5.31		TAS		3.9	0.92	m_e	mb	4.3
MANZ	80.86		P	10:54:06.958		35.0		5.31		TAS		4.8	1.08	m_e	mb	4.4
NEUB	80.00		P	10:54:02.354	0.2	35.0		5.31		TAS				m_e		
NRDL	79.53		P	10:53:59.931	0.2	35.0		5.31		TAS		10.2	1.22	m_e	mb	4.6
PLN	80.44		P	10:54:04.596	0.2	35.0		5.31		TAS				m_e		
RJOB	82.42		P	10:54:15.384		35.0		5.31		TAS		35.0	0.87	m_e	mb	5.5
ROTZ	81.00		P	10:54:07.935		35.0		5.31		TAS		11.4	1.57	m_e	mb	4.7
TNS	82.00		L	11:37:32.800						T__		56.6	18.70	a_e	Ms	4.0
WERN	80.52		P	10:54:05.331		35.0		5.31		TAS		5.1	0.89	m_e	mb	4.6
WET	81.25		P	10:54:09.191		35.0		5.31		TAS		5.7	1.25	m_e	mb	4.5
WET	81.25		L	11:33:13.145						T__		96.3	19.50	a_e	Ms	4.2

Event 50705007 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/05	12:56:51.40			17.9800	120.8800				40.0					85.25	90.51	m i ke	EMSC
	50705039																

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50705013
Ms	5.0		BGR	50705013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	90.51		L	13:56:24.173						T__		702.0	18.10	a_e	Ms	5.1
BRG	86.46		P	13:09:29.535		63.7		4.29		TAS		14.9	1.22	m_e	mb	5.0
BSEG	87.15		P	13:09:32.549		63.7		4.29		TAS		5.9	1.03	m_e	mb	4.7
BSEG	87.15		L	13:49:36.875						T__		454.6	20.80	a_e	Ms	4.9
CLL	86.82		L	13:50:48.844						T__		473.6	20.50	a_e	Ms	4.9
CLZ	88.07		P	13:09:37.193		63.7		4.29		TAS		7.0	0.96	m_e	mb	5.0
FUR	89.19		L	13:55:12.229						T__		428.9	19.40	a_e	Ms	4.9
GEC2	87.44		L	13:54:00.098						T__		519.4	18.50	a_e	Ms	5.0
GRA1	88.55		P	13:09:41.637		63.7		4.29		TAS		12.8	1.34	m_e	mb	5.0

GRA1	88.55	L	13:52:22.727							T__	912.6	19.20	a_e	Ms	5.2
GUNZ	87.61	P	13:09:34.911	63.7	4.29					TAS	5.8	0.92	m_e	mb	4.9
LNIZ	85.25	P	13:09:23.956	63.7	4.29					TAS	45.8	1.08	m_e	mb	5.6
MOX	87.90	P	13:09:35.846	63.7	4.29					TAS	4.4	0.93	m_e	mb	4.8
MOX	87.90	L	13:52:10.138							T__	509.2	20.10	a_e	Ms	4.9
RJOB	88.46	P	13:09:38.832	63.7	4.29					TAS	28.2	0.99	m_e	mb	5.6
ROTZ	87.94	P	13:09:36.853	63.7	4.29					TAS	4.2	0.91	m_e	mb	4.8
TNS	89.89	L	13:52:59.411							T__	570.9	19.00	a_e	Ms	5.0
WET	87.81	L	13:52:04.436							T__	463.6	18.30	a_e	Ms	4.9

Event 50705008 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/05	18:56:47.71			51.2850	-174.3030				33.0					76.65	81.17	m i ke	BGR
OrigID 50705014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50705014
Ms	3.8		BGR	50705014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	80.74		P	19:08:55.619		3.2		4.68		TAS		3.7	0.84	m_e	mb	4.4
BFO	80.74		L	19:51:30.847						T__		44.4	18.90	a_e	Ms	3.8
CLL	77.60		P	19:08:38.056		3.2		4.68		TAS		6.3	0.58	m_e	mb	4.9
FLT1	76.65		P	19:08:32.629		3.2		4.68		TAS		6.2	0.49	m_e	mb	5.0
GRA1	79.29		P	19:08:48.273		3.2		4.68		TAS		11.5	0.63	m_e	mb	5.1
GRA1	79.29		L	19:46:13.847						T__		33.9	18.60	a_e	Ms	3.7
MOX	78.32		P	19:08:42.561		3.2		4.68		TAS		4.2	0.62	m_e	mb	4.7
MOX	78.32		L	19:51:58.044						T__		39.9	18.70	a_e	Ms	3.8
RJOB	81.17		P	19:08:58.115		3.2		4.68		TAS		11.4	0.72	m_e	mb	5.0
TNS	78.84		P	19:08:45.718		3.2		4.68		TAS		6.1	0.75	m_e	mb	4.7
WERN	78.65		P	19:08:44.693		3.2		4.68		TAS		10.3	1.00	m_e	mb	4.8
WET	79.76		L	19:47:17.861						T__		39.0	18.70	a_e	Ms	3.8

Event 50706010 Central Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/07/06	00:50:33.20			62.8370	-151.0750				33.0					17	62.66	69.03	m i ke	BGR
OrigID 50706016																		

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50706016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	67.98		P	01:01:26.598		351.3		6.39		TAS		23.6	1.61	m_e	mb	5.2
BFO	67.98		L	01:28:39.048						T__		44.1	20.10	a_e		
BRG	66.02		P	01:01:14.399		351.3		6.39		TAS		15.1	1.46	m_e	mb	5.0
BSEG	62.66		L	01:30:10.392						T__		44.0	18.30	a_e		
CLL	65.51		L	01:29:11.520						T__		53.4	21.00	a_e		
CLZ	64.73		P	01:01:06.525	0.2	351.3		6.39		TAS		43.1	1.62	m_e	mb	5.4
FBE	65.92		P	01:01:13.783		351.3		6.39		TAS		16.1	1.38	m_e	mb	5.1
FUR	68.46		L	01:31:10.661						T__		39.3	21.00	a_e		
GEC2	68.01		P	01:01:27.435		351.3		6.39		TAS		8.2	1.18	m_e	mb	4.8
GRA1	66.94		L	01:25:56.491						T__		54.0	19.80	a_e		
GTTG	64.98		P	01:01:07.841	0.5	351.3		6.39		TAS		23.4	1.19	m_e	mb	5.3
MANZ	66.74		P	01:01:19.485		351.3		6.39		TAS		9.1	1.32	m_e	mb	4.8
MILB	66.61		P	01:01:18.622		351.3		6.39		TAS		16.6	1.20	m_e	mb	5.1
MOX	66.04		P	01:01:14.797		351.3		6.39		TAS		23.8	1.54	m_e	mb	5.2
MOX	66.04		L	01:25:31.095						T__		40.4	21.80	a_e		
NEUB	65.51		P	01:01:11.310	0.1	351.3		6.39		TAS		32.1	1.45	m_e	mb	5.3
NRDL	64.06		P	01:01:02.247	0.0	351.3		6.39		TAS		16.0	1.25	m_e	mb	5.1
PLN	66.25		P	01:01:16.016		351.3		6.39		TAS		18.8	1.50	m_e	mb	5.1
RJOB	69.03		P	01:01:33.810		351.3		6.39		TAS		40.9	1.00	m_e	mb	5.6
ROTZ	66.96		P	01:01:20.773		351.3		6.39		TAS		17.1	1.44	m_e	mb	5.1
TNS	66.13		L	01:23:21.022						T__		50.0	21.00	a_e		
UBR	68.82		P	01:01:32.482		351.3		6.39		TAS		34.1	1.76	m_e	mb	5.3
WET	67.64		P	01:01:25.506		351.3		6.39		TAS		15.1	1.35	m_e	mb	5.1
WET	67.64		L	01:25:14.199						T__		41.8	20.40	a_e		
WLF	66.40		P	01:01:17.188		351.3		6.39		TAS		35.6	1.42	m_e	mb	5.4

Event 50706011 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/06	12:01:58.06			46.5320	153.0440				33.0					76.22	80.64	m i ke	BGR
OrigID 50706017																	

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 50706017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	80.64		P	12:14:05.253		24.7		4.76		TAS		12.9	1.01	m_e	mb	4.9
BRG	76.76		P	12:13:43.626		24.7		4.76		TAS		8.9	1.08	m_e	mb	4.8
CLL	76.64		P	12:13:42.759		24.7		4.76		TAS		14.8	0.78	m_e	mb	5.2
CLZ	76.89		P	12:13:45.249		24.7		4.76		TAS		16.8	0.94	m_e	mb	5.2
FBE	76.89		P	12:13:44.747		24.7		4.76		TAS		10.8	0.91	m_e	mb	5.0
FLT1	76.22		P	12:13:40.823		24.7		4.76		TAS		16.3	0.95	m_e	mb	5.1
GRA1	78.60		P	12:13:54.978		24.7		4.76		TAS		22.8	1.01	m_e	mb	5.2
KAST	77.99		P	12:13:51.013		24.7		4.76		TAS		9.7	1.06	m_e	mb	4.9
MANZ	78.08		P	12:13:51.797		24.7		4.76		TAS		8.3	1.10	m_e	mb	4.8

MILB	79.01	P	12:13:57.054	24.7	4.76	TAS	16.6	0.85	m_e	mb	5.1
MOX	77.63	P	12:13:49.054	24.7	4.76	TAS	7.2	0.89	m_e	mb	4.8
PLN	77.62	P	12:13:48.775	24.7	4.76	TAS	8.9	1.16	m_e	mb	4.8
ROTZ	78.25	P	12:13:52.656	24.7	4.76	TAS	7.7	1.04	m_e	mb	4.8
WERN	77.74	P	12:13:49.586	24.7	4.76	TAS	10.1	0.86	m_e	mb	5.0
WET	78.61	P	12:13:54.763	24.7	4.76	TAS	9.5	0.95	m_e	mb	4.8

Event 50706012 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/06	12:24:00.80			-20.8000	-174.5200				10.0			30		146.72	152.92	m i ke	NEIC
OrigID 50706066																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.5		BGR	50706018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.29		pPKPbc	12:43:54.509	0.5					T__				a_e	
ASSE	148.47		pPKPbc	12:43:49.809	-0.3					T__				a_e	
BFO	152.44		pPKPbc	12:43:59.309						T__				a_e	
BFO	152.44		L	13:48:33.898						T__		740.9	21.70	a_e	Ms 5.5
BRG	149.26		pPKPbc	12:43:51.959	0.1					T__				a_e	
BSEG	146.72		L	13:49:39.728						T__		734.6	21.80	a_e	Ms 5.4
BUG	149.39		pPKPbc	12:43:51.959	-1.1					T__				a_e	
CLL	148.99		pPKPbc	12:43:51.059	1.0					T__				m_e	
CLL	148.99		L	13:53:34.424						T__		856.7	22.00	a_e	Ms 5.5
CLZ	148.78		pPKPbc	12:43:50.909	1.3					T__				a_e	
FBE	149.31		pPKPbc	12:43:52.359	-1.1					T__				a_e	
FLT1	148.21		pPKPbc	12:43:48.859	-1.3					T__				a_e	
FUR	152.30		pPKPbc	12:43:58.959						T__				a_e	
FUR	152.30		L	13:55:49.939						T__		887.2	21.20	a_e	Ms 5.5
GEC2	151.25		pPKPbc	12:43:56.709						T__				a_e	
GEC2	151.25		L	13:52:27.415						T__		1434.9	21.80	a_e	Ms 5.7
GRA1	150.81		L	13:55:00.080						T__		903.3	21.70	a_e	Ms 5.5
IBBN	148.50		pPKPbc	12:43:49.909	-0.8					T__				a_e	
KAST	149.57		pPKPbc	12:43:52.759	0.7					T__				a_e	
MANZ	150.40		pPKPbc	12:43:54.909	-3.7					T__				a_e	
MILB	150.88		pPKPbc	12:43:55.859	19.9					T__				a_e	
MOX	149.83		pPKPbc	12:43:53.259	-1.5					T__				a_e	
MOX	149.83		L	13:53:30.593						T__		519.7	21.20	a_e	Ms 5.3
NEUB	149.27		pPKPbc	12:43:51.809	-1.1					T__				a_e	
NRDL	148.16		pPKPbc	12:43:49.009	-0.7					T__				a_e	
PLN	149.91		pPKPbc	12:43:53.559	-1.9					T__				a_e	
RJOB	152.48		pPKPbc	12:44:24.209						T__				m_e	
ROTZ	150.60		pPKPbc	12:43:55.309	-3.8					T__				a_e	
RUE	147.73		pPKPbc	12:43:47.709	1.2					T__				a_e	

STU	151.93	pPKPbc	12:43:58.259		T__														a_e
TNS	150.55	pPKPbc	12:43:55.109	-2.1	T__														a_e
TNS	150.55	L	13:52:12.995		T__						912.1	22.00						a_e Ms	5.5
UBBA	149.83	pPKPbc	12:43:53.359	-0.1	T__														a_e
UBR	152.92	pPKPbc	12:44:00.209		T__														a_e
WERD	149.93	pPKPbc	12:43:53.609	-0.8	T__														a_e
WERN	150.07	pPKPbc	12:43:54.259	-2.8	T__														a_e
WET	151.11	pPKPbc	12:43:56.609	-4.1	T__														a_e
WET	151.11	L	13:56:31.054		T__						1169.3	21.20						a_e Ms	5.7
WLF	151.19	pPKPbc	12:43:57.159		T__														a_e

Event 50706006 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/06	13:42:22.72	7.39	0.80	42.6130	19.5950	142.3	27.8	152	10.0				10 323	5.31	7.75	m i ke	BGR
OrigID 50706012																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.2		BGR	50706012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	5.46		Sn	13:44:44.519						T__	1.6				m_e
ARSA	5.46		Pn	13:43:40.481	-1.8					T__	15.3				m_e ML 3.9
CKRC	7.22		Pn	13:44:07.371	1.4					T__	8.1				m_e
GEC2	7.47		Pn	13:44:09.511	0.2					T__	4.5				m_e
JAVC	6.39		Pn	13:43:54.972	0.2					T__	4.4				m_e
KBA	6.30		Pn	13:43:53.266	-0.3					T__	5.0				m_e
KHC	7.75		Pn	13:44:13.408	0.3					T__	5.8				m_e
KRUC	6.83		Sn	13:45:22.169						T__	2.8				m_e
MOA	6.45		Sn	13:45:10.491						T__	2.0				m_e ML 4.2
MORC	7.31		Pn	13:44:06.822	-0.3					T__	3.7				m_e
OBKA	5.31		Pn	13:43:39.546	-0.6					T__	6.1				m_e
RJOB	7.02		Pn	13:44:04.023	0.7					T__	4.7				m_e ML 4.5
WTTA	7.31		Pn	13:44:07.371	0.2					T__	6.4				m_e

Event 50706013 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/06	19:21:09.55			-21.6040	-173.1000				33.0				29	147.62	153.86	m i ke	BGR
OrigID 50706019																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.8		BGR	50706019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	151.12		PKPbc	19:40:59.231	0.4	8.5		2.40		TAS				a_e	
ASSE	149.39		PKPbc	19:40:54.831	-0.0	8.5		2.40		TAS				a_e	
BFO	153.31		PKPbc	19:41:03.981		8.5		2.40		TAS				a_e	
BRG	150.27		PKPbc	19:40:56.931	0.1	8.5		2.40		TAS				a_e	
BSEG	147.62		PKPbc	19:40:49.981	0.0	8.5		2.40		TAS				a_e	
BUG	150.22		PKPbc	19:40:56.881	0.0	8.5		2.40		TAS				a_e	
CLL	149.97		PKPbc	19:40:55.981	0.2	8.5		2.40		TAS				a_e	
FBE	150.31		PKPbc	19:40:57.331	0.4	8.5		2.40		TAS				a_e	
FLT1	149.15		PKPbc	19:40:53.831	0.1	8.5		2.40		TAS				m_e	
FUR	153.27		PKPbc	19:41:03.731		8.5		2.40		TAS				a_e	
GEC2	152.28		PKPbc	19:41:01.531		8.5		2.40		TAS				a_e	
GRA1	151.76		PKPbc	19:41:00.781	-0.3	8.5		2.40		TAS				a_e	
GRA1	151.76		L	20:49:35.104						T__		161.8	21.60	a_e Ms	4.8
GTTG	150.02		PKPbc	19:40:56.431	0.1	8.5		2.40		TAS				a_e	
IBBN	149.34		PKPbc	19:40:54.881	0.3	8.5		2.40		TAS				a_e	
KAST	150.43		PKPbc	19:40:57.581	0.2	8.5		2.40		TAS				a_e	
LNIZ	147.68		L	20:46:46.226						T__		147.3	21.40	a_e Ms	4.7
MANZ	151.38		PKPbc	19:40:59.781	-0.3	8.5		2.40		TAS				a_e	
MILB	151.77		PKPbc	19:41:00.581	-0.5	8.5		2.40		TAS				a_e	
MOX	150.78		PKPbc	19:40:58.231	0.1	8.5		2.40		TAS				a_e	
MOX	150.78		L	20:57:48.899						T__		165.0	19.90	a_e Ms	4.8
NEUB	150.22		PKPbc	19:40:56.831	0.1	8.5		2.40		TAS				a_e	
NRDL	149.06		PKPbc	19:40:53.931	0.1	8.5		2.40		TAS				a_e	
PLN	150.88		PKPbc	19:40:58.431	0.3	8.5		2.40		TAS				a_e	
ROTZ	151.58		PKPbc	19:41:00.181	-0.3	8.5		2.40		TAS				a_e	
STU	152.83		PKPbc	19:41:03.081		8.5		2.40		TAS				a_e	
TNS	151.41		PKPbc	19:40:59.831	0.0	8.5		2.40		TAS				a_e	
UBR	153.86		PKPbc	19:41:04.981		8.5		2.40		TAS				a_e	
WERD	150.90		PKPbc	19:40:58.481	0.1	8.5		2.40		TAS				a_e	
WERN	151.05		PKPbc	19:40:59.131	0.0	8.5		2.40		TAS				a_e	
WET	152.11		PKPbc	19:41:01.331		8.5		2.40		TAS				a_e	
WLF	151.99		PKPbc	19:41:01.831		8.5		2.40		TAS				a_e	

Event 50706014 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/06	20:16:42.73			-21.4650	179.7340				33.0				7	146.59	148.72	m i ke	BGR
50706020																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	148.60		PKPbc	20:36:26.172		22.0		2.53		TAS				m_e	
BSEG	146.59		PKPbc	20:36:21.356		22.0		2.53		TAS				m_e	

CLL	148.46	PKPbc	20:36:25.714	-0.1	22.0	2.53	TAS	m_e
CLZ	148.57	PKPbc	20:36:26.299	0.1	22.0	2.53	TAS	m_e
FBE	148.72	PKPbc	20:36:26.763	-0.1	22.0	2.53	TAS	m_e
FLT1	147.93	PKPbc	20:36:24.418	0.2	22.0	2.53	TAS	m_e
NRDL	148.00	PKPbc	20:36:24.658		22.0	2.53	TAS	m_e

Event 50707001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/06	23:58:06.16	1.27	0.81	42.1050	20.2360	44.5	16.7	64	10.0			8	338	6.14	9.19	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	50707007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	6.14		Sn	00:00:38.068	-1.3					T__	1.7			m_e	
ARSA	6.14		Pn	23:59:34.385	-0.5					T__	20.6			m_e	ML 3.9
GEC2	8.15		Pn	00:00:03.112	1.2					T__	5.4			m_e	ML 4.0
KBA	6.99		Pn	23:59:46.057	-0.3					T__	3.6			m_e	
MOA	7.13		Sn	00:01:02.289	-0.2					T__	2.3			m_e	
MOA	7.13		Pn	23:59:48.852	0.6					T__	11.9			m_e	ML 4.2
PLONS	9.19		Pn	00:00:15.003	-0.8					T__	7.1			m_e	
RJOB	7.72		Sn	00:01:17.565	1.4					T__	1.8			m_e	
RJOB	7.72		Pn	23:59:56.016	-0.1					T__	20.0			m_e	ML 4.2
UBR	9.09		Pn	00:00:14.004	-0.6					T__	3.0			m_e	
WTTA	8.01		Pn	00:00:00.457	0.5					T__	6.9			m_e	

Event 50707012 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/07	05:10:31.15			44.4530	147.7100				33.0			37		74.02	80.97	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	7.3		BGR	50707018
MBB	7.2		BGR	50707018
Ms	6.3		BGR	50707018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.39		P	05:22:31.943	0.0	30.1		5.51		TAS		1474.5	1.39	m_e	mb 6.8
ASSE	76.91		P	05:22:18.437	0.1	30.1		5.51		TAS		3567.1	2.66	a_e	mb 7.0
BFO	80.97		P	05:22:40.250	-0.4	30.1		5.51		TAS		19026.3	4.27	m_e	mb 7.4

BFO	80.97	L	06:03:08.635						T__	8242.4	20.40	a_e	Ms	6.1
BRG	76.93	P	05:22:18.387	-0.1	30.1	5.51			TAS	6964.5	2.94	a_e	mb	7.3
BSEG	75.45	P	05:22:10.237	0.0	30.1	5.51			TAS	10869.5	2.50	a_e	mb	7.4
BSEG	75.45	L	05:57:35.498						T__	8354.1	21.70	a_e	Ms	6.0
BUG	78.54	P	05:22:27.237	0.0	30.1	5.51			TAS	1553.8	1.31	a_e	mb	6.9
CLL	76.88	P	05:22:17.737	-0.4	30.1	5.51			TAS	44797.0	4.56	m_e	mb	7.9
CLL	76.88	L	06:00:36.074						T__	15530.2	21.10	a_e	Ms	6.3
CLZ	77.25	P	05:22:20.637	0.4	30.1	5.51			TAS	18496.5	3.22	a_e	mb	7.7
FBE	77.09	P	05:22:19.487	0.1	30.1	5.51			TAS	12344.7	3.12	a_e	mb	7.5
FLT1	76.56	P	05:22:15.887	-0.5	30.1	5.51			TAS	9514.4	2.59	a_e	mb	7.5
FUR	80.16	P	05:22:36.245	0.0	30.1	5.51			TAS	1180.6	1.20	m_e	mb	6.7
FUR	80.16	L	06:01:55.643						T__	9657.0	21.50	a_e	Ms	6.1
GEC2	78.74	P	05:22:28.418	-0.0	30.1	5.51			TAS	7417.7	3.50	m_e	MBB	7.0
GEC2	78.74	L	06:01:31.493						T__	28423.6	20.10	a_e	Ms	6.6
GRA1	78.85	P	05:22:29.504	0.5	30.1	5.51			TAS	994.6	1.11	m_e	mb	6.8
GRA1	78.85	L	06:02:12.212						T__	15105.3	19.40	a_e	Ms	6.3
GTTG	77.64	P	05:22:22.587	0.3	30.1	5.51			TAS	13513.0	3.13	a_e	mb	7.5
HLG	75.94	P	05:22:12.937	0.1	30.1	5.51			TAS	8576.5	2.30	a_e	mb	7.5
IBBN	77.63	P	05:22:22.287	0.1	30.1	5.51			TAS	13823.5	2.84	a_e	mb	7.6
KAST	78.41	P	05:22:26.659	0.1	30.1	5.51			TAS	16238.3	3.57	m_e	mb	7.6
LNIZ	74.63	P	05:22:05.387	-0.4	30.1	5.51			TAS	11498.6	2.27	a_e	mb	7.5
MANZ	78.30	P	05:22:25.889	-0.1	30.1	5.51			TAS	9307.1	3.58	m_e	mb	7.3
MILB	79.35	P	05:22:31.644	-0.1	30.1	5.51			TAS	16665.1	3.84	m_e	mb	7.4
MOX	77.90	P	05:22:23.937	0.1	30.1	5.51			TAS	8998.8	3.11	a_e	MBB	7.3
MOX	77.90	L	05:59:26.886						T__	12476.4	21.90	a_e	Ms	6.2
NEUB	77.37	P	05:22:20.687	-0.2	30.1	5.51			TAS	13664.4	2.99	a_e	MBB	7.4
NRDL	76.77	P	05:22:17.537	0.0	30.1	5.51			TAS	7155.2	2.57	a_e	mb	7.3
PLN	77.86	P	05:22:23.787	0.2	30.1	5.51			TAS	8386.5	3.14	a_e	mb	7.3
RGN	74.02	P	05:22:02.049	-0.3	30.1	5.51			TAS	4826.2	1.45	m_e	mb	7.3
RJOB	80.00	P	05:22:35.659	0.3	30.1	5.51			TAS	6304.9	2.05	m_e	mb	7.2
ROTZ	78.46	P	05:22:27.177	0.3	30.1	5.51			TAS	10395.0	3.32	m_e	mb	7.4
RUE	75.63	P	05:22:11.137	-0.2	30.1	5.51			TAS	13983.7	2.49	a_e	mb	7.6
SKMB	75.03	P	05:22:08.237	0.4	30.1	5.51			TAS	13443.1	2.15	a_e	mb	7.6
STU	80.31	P	05:22:36.733	-0.3	30.1	5.51			TAS	872.0	1.05	m_e	mb	6.6
TNS	79.26	P	05:22:31.228	-0.0	30.1	5.51			TAS	16622.4	3.86	m_e	mb	7.4
TNS	79.26	L	06:01:12.350						T__	8709.8	21.80	a_e	Ms	6.1
UBBA	78.26	P	05:22:25.496	-0.3	30.1	5.51			TAS	5471.4	2.83	m_e	mb	7.2
UBR	80.96	P	05:22:40.252	-0.4	30.1	5.51			TAS	309.6	1.15	m_e	mb	6.2
WERD	77.84	P	05:22:23.687	0.2	30.1	5.51			TAS	9088.9	3.28	a_e	mb	7.3
WERN	77.96	P	05:22:24.387	0.3	30.1	5.51			TAS	14158.2	3.60	a_e	mb	7.5
WET	78.77	P	05:22:29.008	0.4	30.1	5.51			TAS	15954.9	3.66	m_e	mb	7.4
WET	78.77	L	06:01:31.129						T__	31106.7	18.80	a_e	Ms	6.7
WLF	80.44	P	05:22:37.689	-0.0	30.1	5.51			TAS	1954.1	2.12	m_e	mb	6.7

OrigID
 2015/07/07 05:35:09.40 -35.6400 -178.5900 10.0 16 160.67 166.32 m i ke EMSC
 50707045

Magnitude Err Nsta Author OrigID
 Ms 5.4 BGR 50707019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	166.32		PKPab	05:56:17.175		32.1		4.41		TAS				m_e	
BRG	162.29		PKPab	05:55:58.887	0.2	32.1		4.41		TAS				m_e	
BSEG	160.67		PKPab	05:55:52.945	-0.3	32.1		4.41		TAS				m_e	
CLL	162.26		PKPab	05:55:59.165	0.4	32.1		4.41		TAS				m_e	
CLZ	162.58		PKPab	05:56:01.092	0.3	32.1		4.41		TAS				m_e	
FLT1	161.91		PKPab	05:55:57.825	-0.5	32.1		4.41		TAS				m_e	
GEC2	164.00		PKPab	05:56:06.056		32.1		4.41		TAS				m_e	
GRA1	164.23		L	06:53:37.038						T__		678.9	20.20	a_e Ms	5.5
GTTG	162.96		PKPab	05:56:02.969	-0.1	32.1		4.41		TAS				m_e	
IBBN	162.74		PKPab	05:56:02.339	-1.0	32.1		4.41		TAS				m_e	
MANZ	163.68		PKPab	05:56:05.691		32.1		4.41		TAS				m_e	
MOX	163.28		PKPab	05:56:03.832		32.1		4.41		TAS				m_e	
MOX	163.28		L	07:03:40.813						T__		520.1	20.10	a_e Ms	5.4
NRDL	162.05		PKPab	05:55:58.986	0.3	32.1		4.41		TAS				m_e	
PLN	163.24		PKPab	05:56:03.784		32.1		4.41		TAS				m_e	
ROTZ	163.83		PKPab	05:56:06.222		32.1		4.41		TAS				m_e	
WERD	163.22		PKPab	05:56:03.533		32.1		4.41		TAS				m_e	
WERN	163.33		PKPab	05:56:04.230		32.1		4.41		TAS				m_e	

Event 50707014 East of North Island, New Zealand

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/07/07 06:21:02.20 -35.3300 -179.4400 10.0 13 161.38 165.79 m i ke EMSC
 50707046

Magnitude Err Nsta Author OrigID
 Ms 5.5 BGR 50707020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	165.79		PKPab	06:42:05.113		32.5		4.45		TAS				m_e	
CLL	161.69		PKPab	06:41:46.671	-0.1	32.5		4.45		TAS				m_e	
CLZ	162.06		PKPab	06:41:48.952	0.1	32.5		4.45		TAS				m_e	
FBE	161.88		PKPab	06:41:47.741	-0.2	32.5		4.45		TAS				m_e	
FLT1	161.38		PKPab	06:41:45.483	0.4	32.5		4.45		TAS				m_e	
GRA1	163.66		L	07:31:42.107						T__		559.0	21.20	a_e Ms	5.4
GTTG	162.44		PKPab	06:41:50.515		32.5		4.45		TAS				m_e	
IBBN	162.27		PKPab	06:41:49.459		32.5		4.45		TAS				m_e	
KAST	163.15		PKPab	06:41:53.429		32.5		4.45		TAS				m_e	

MANZ	163.10	PKPab	06:41:53.194	32.5	4.45	TAS											m_e
MOX	162.72	PKPab	06:41:51.588	32.5	4.45	TAS											m_e
MOX	162.72	L	07:32:43.583			T__					816.4	21.50	a_e Ms			5.6	
NRDL	161.54	PKPab	06:41:46.304	0.1	32.5	4.45	TAS										m_e
ROTZ	163.24	PKPab	06:41:54.316	32.5	4.45	TAS											m_e
TNS	164.04	PKPab	06:41:57.188	32.5	4.45	TAS											m_e

Event 50707015 Lake Baykal, Russia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/07	14:16:02.69			56.9850	110.0740				33.0			13		51.68	56.71	m i ke	BGR
50707021																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50707021
Ms	4.2		BGR	50707021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	56.71		P	14:25:40.407		41.6		7.29		TAS		8.3	0.83	m_e mb	4.8
BFO	56.71		L	14:52:20.867						T__		87.3	20.10	a_e Ms	3.8
BRG	52.38		P	14:25:09.312	-0.0	41.6		7.29		TAS		12.3	0.85	m_e mb	4.9
BSEG	51.68		L	14:48:56.749						T__		146.7	19.60	a_e Ms	4.0
CLL	52.47		P	14:25:09.764	0.1	41.6		7.29		TAS		8.4	0.76	m_e mb	4.7
CLL	52.47		L	14:50:05.653						T__		301.5	18.80	a_e Ms	4.4
FBE	52.60		P	14:25:11.133	0.1	41.6		7.29		TAS		8.9	0.92	m_e mb	4.7
FLT1	52.47		P	14:25:09.645	0.2	41.6		7.29		TAS		18.3	1.31	m_e mb	4.8
FUR	55.56		L	14:51:54.958						T__		303.2	18.40	a_e Ms	4.4
GEC2	53.98		L	14:50:48.418						T__		262.2	19.00	a_e Ms	4.3
GRA1	54.43		P	14:25:25.223		41.6		7.29		TAS		8.6	0.86	m_e mb	4.8
GRA1	54.43		L	14:51:15.606						T__		332.8	18.20	a_e Ms	4.4
GTTG	53.59		P	14:25:18.992		41.6		7.29		TAS		27.8	1.20	m_e mb	5.2
GUNZ	53.46		P	14:25:17.384		41.6		7.29		TAS		7.9	0.91	m_e mb	4.6
MOX	53.56		P	14:25:18.307		41.6		7.29		TAS		12.0	0.78	m_e mb	5.0
MOX	53.56		L	14:50:28.564						T__		246.3	18.30	a_e Ms	4.3
PLN	53.44		P	14:25:17.206		41.6		7.29		TAS		26.7	1.57	m_e mb	4.9
ROTZ	53.95		P	14:25:21.166		41.6		7.29		TAS		8.0	0.84	m_e mb	4.8
TNS	55.22		L	14:50:09.510						T__		90.4	20.90	a_e Ms	3.8
WERN	53.49		P	14:25:17.801		41.6		7.29		TAS		8.1	0.85	m_e mb	4.7
WET	54.12		P	14:25:22.445		41.6		7.29		TAS		9.1	0.87	m_e mb	4.8
WET	54.12		L	14:50:52.278						T__		273.8	18.10	a_e Ms	4.4

Event 50707016 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2015/07/07 16:41:36.50 -5.7600 151.5000 69.0 12 122.60 124.95 m i ke EMSC
 50707048

Magnitude Err Nsta Author OrigID
 Ms 4.8 BGR 50707022

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	122.84		PKPdf	17:00:25.693	0.2	50.9		2.02		TAS				m_e	
BSEG	122.60		PKPdf	17:00:25.325	0.1	50.9		2.02		TAS				m_e	
CLL	123.05		PKPdf	17:00:25.834	0.2	50.9		2.02		TAS				m_e	
CLZ	123.97		PKPdf	17:00:28.204		50.9		2.02		TAS				m_e	
FBE	123.11		PKPdf	17:00:26.411	-0.2	50.9		2.02		TAS				m_e	
GEC2	124.18		PKPdf	17:00:28.251		50.9		2.02		TAS				m_e	
GRA1	124.95		PKPdf	17:00:29.646	0.2	50.9		2.02		TAS				m_e	
GRA1	124.95		L	17:54:31.365						T__		201.3	19.10	a_e Ms	4.8
GUNZ	123.97		PKPdf	17:00:28.002		50.9		2.02		TAS				m_e	
MANZ	124.32		PKPdf	17:00:28.688		50.9		2.02		TAS				m_e	
MOX	124.15		PKPdf	17:00:28.111		50.9		2.02		TAS				m_e	
MOX	124.15		L	18:04:36.922						T__		218.0	19.00	a_e Ms	4.8
ROTZ	124.40		PKPdf	17:00:28.547		50.9		2.02		TAS				m_e	
WERN	123.99		PKPdf	17:00:28.142		50.9		2.02		TAS				m_e	
WET	124.44		PKPdf	17:00:28.937		50.9		2.02		TAS				m_e	

Event 50707017 South of Fiji Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/07/07 20:03:12.90 -23.2100 -176.9900 125.0 33 147.76 154.93 m i ke EMSC
 50707049

Magnitude Err Nsta Author OrigID
 Ms 4.7 BGR 50707023

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	152.53		PKPbc	20:22:53.863	-0.3	16.7		2.32		TAS				m_e	
AHRW	152.53		PKPab	20:23:04.420		16.7		2.32		TAS				m_e	
ASSE	150.53		PKPbc	20:22:49.457	0.1	16.7		2.32		TAS				m_e	
BFO	154.58		PKPdf	20:22:49.184		16.7		2.32		TAS				m_e	
BFO	154.58		PKPbc	20:22:58.258		16.7		2.32		TAS				m_e	
BFO	154.58		PKPab	20:23:12.863		16.7		2.32		TAS				m_e	
BRG	151.11		PKPdf	20:22:44.615		16.7		2.32		TAS				m_e	
BRG	151.11		PKPbc	20:22:50.881	0.0	16.7		2.32		TAS				m_e	
BSEG	148.83		PKPdf	20:22:41.265		16.7		2.32		TAS				m_e	
BSEG	148.83		PKPbc	20:22:45.411	0.0	16.7		2.32		TAS				m_e	
BUG	151.63		PKPbc	20:22:51.771	-0.3	16.7		2.32		TAS				m_e	
BUG	151.63		PKPab	20:23:00.143		16.7		2.32		TAS				m_e	

CLL	150.90	PKPdf	20:22:44.084		16.7	2.32	TAS		m_e
CLL	150.90	PKPbc	20:22:50.393	0.1	16.7	2.32	TAS		m_e
CLZ	150.86	PKPdf	20:22:44.406		16.7	2.32	TAS		m_e
CLZ	150.86	PKPbc	20:22:50.480	0.4	16.7	2.32	TAS		m_e
CLZ	150.86	PKPab	20:22:57.799		16.7	2.32	TAS		m_e
FBE	151.19	PKPdf	20:22:44.997		16.7	2.32	TAS		m_e
FBE	151.19	PKPbc	20:22:51.614	0.6	16.7	2.32	TAS		m_e
FLT1	150.25	PKPdf	20:22:43.028		16.7	2.32	TAS		m_e
FLT1	150.25	PKPbc	20:22:48.577	-0.1	16.7	2.32	TAS		m_e
FUR	154.24	PKPdf	20:22:49.083		16.7	2.32	TAS		m_e
FUR	154.24	PKPab	20:23:11.737		16.7	2.32	TAS		m_e
GEC2	153.05	PKPdf	20:22:47.160		16.7	2.32	TAS		m_e
GEC2	153.05	PKPbc	20:22:55.157	-0.3	16.7	2.32	TAS		m_e
GEC2	153.05	PKPab	20:23:06.577		16.7	2.32	TAS		m_e
GRA1	152.79	PKPdf	20:22:47.007		16.7	2.32	TAS		m_e
GRA1	152.79	PKPab	20:23:05.832		16.7	2.32	TAS		m_e
GRA1	152.79	L	21:39:12.518				T__	136.1 21.80	a_e Ms 4.7
GTTG	151.21	PKPdf	20:22:44.737		16.7	2.32	TAS		m_e
GTTG	151.21	PKPbc	20:22:51.164	0.2	16.7	2.32	TAS		m_e
GUNZ	151.93	PKPdf	20:22:45.988		16.7	2.32	TAS		m_e
GUNZ	151.93	PKPbc	20:22:52.994	0.3	16.7	2.32	TAS		m_e
GUNZ	151.93	PKPab	20:23:01.993		16.7	2.32	TAS		m_e
HLG	148.85	PKPbc	20:22:45.722	0.1	16.7	2.32	TAS		m_e
IBBN	150.72	PKPdf	20:22:44.290		16.7	2.32	TAS		m_e
IBBN	150.72	PKPbc	20:22:50.082	0.2	16.7	2.32	TAS		m_e
IBBN	150.72	PKPab	20:22:57.219		16.7	2.32	TAS		m_e
KAST	151.74	PKPdf	20:22:45.463		16.7	2.32	TAS		m_e
KAST	151.74	PKPbc	20:22:52.356	0.1	16.7	2.32	TAS		m_e
KAST	151.74	PKPab	20:23:00.794		16.7	2.32	TAS		m_e
LNIZ	148.59	PKPbc	20:22:44.805	-0.1	16.7	2.32	TAS		m_e
MANZ	152.34	PKPdf	20:22:46.309		16.7	2.32	TAS		m_e
MANZ	152.34	PKPbc	20:22:53.581	-0.0	16.7	2.32	TAS		m_e
MANZ	152.34	PKPab	20:23:03.516		16.7	2.32	TAS		m_e
MILB	152.98	PKPdf	20:22:47.405		16.7	2.32	TAS		m_e
MILB	152.98	PKPab	20:23:06.214		16.7	2.32	TAS		m_e
MOX	151.81	PKPdf	20:22:45.556		16.7	2.32	TAS		m_e
MOX	151.81	PKPbc	20:22:52.262	-0.1	16.7	2.32	TAS		m_e
MOX	151.81	PKPab	20:23:01.144		16.7	2.32	TAS		m_e
MOX	151.81	L	21:36:44.791				T__	128.7 20.50	a_e Ms 4.7
NEUB	151.25	PKPdf	20:22:44.785		16.7	2.32	TAS		m_e
NEUB	151.25	PKPbc	20:22:51.269	0.2	16.7	2.32	TAS		m_e
NRDL	150.26	PKPdf	20:22:43.299		16.7	2.32	TAS		m_e
NRDL	150.26	PKPbc	20:22:48.851	0.1	16.7	2.32	TAS		m_e
PLN	151.85	PKPdf	20:22:45.725		16.7	2.32	TAS		m_e
PLN	151.85	PKPbc	20:22:52.482	0.0	16.7	2.32	TAS		m_e
PLN	151.85	PKPab	20:23:01.537		16.7	2.32	TAS		m_e
RGN	147.76	PKPbc	20:22:42.003	-0.9	16.7	2.32	TAS		m_e
RJOB	154.30	PKPdf	20:22:48.834		16.7	2.32	TAS		m_e
RJOB	154.30	PKPab	20:23:12.482		16.7	2.32	TAS		m_e

ROTZ	152.53	PKPdf	20:22:46.400		16.7	2.32	TAS	m_e
ROTZ	152.53	PKPbc	20:22:54.020	-0.1	16.7	2.32	TAS	m_e
ROTZ	152.53	PKPab	20:23:04.472		16.7	2.32	TAS	m_e
RUE	149.64	PKPdf	20:22:42.650		16.7	2.32	TAS	m_e
RUE	149.64	PKPbc	20:22:47.366	0.0	16.7	2.32	TAS	m_e
SKMB	148.17	PKPbc	20:22:43.992	0.1	16.7	2.32	TAS	m_e
STU	154.02	PKPdf	20:22:49.176		16.7	2.32	TAS	m_e
STU	154.02	PKPbc	20:22:57.196		16.7	2.32	TAS	m_e
STU	154.02	PKPab	20:23:10.612		16.7	2.32	TAS	m_e
TNS	152.70	PKPdf	20:22:46.979		16.7	2.32	TAS	m_e
TNS	152.70	PKPbc	20:22:54.303	-0.1	16.7	2.32	TAS	m_e
TNS	152.70	PKPab	20:23:05.067		16.7	2.32	TAS	m_e
UBBA	151.91	PKPdf	20:22:45.514		16.7	2.32	TAS	m_e
UBBA	151.91	PKPbc	20:22:52.451	-0.1	16.7	2.32	TAS	m_e
UBBA	151.91	PKPab	20:23:01.518		16.7	2.32	TAS	m_e
UBR	154.93	PKPdf	20:22:49.911		16.7	2.32	TAS	m_e
UBR	154.93	PKPab	20:23:14.408		16.7	2.32	TAS	m_e
WERD	151.86	PKPdf	20:22:45.668		16.7	2.32	TAS	m_e
WERD	151.86	PKPbc	20:22:52.586	0.1	16.7	2.32	TAS	m_e
WERD	151.86	PKPab	20:23:01.641		16.7	2.32	TAS	m_e
WERN	152.00	PKPdf	20:22:45.977		16.7	2.32	TAS	m_e
WERN	152.00	PKPbc	20:22:53.110	0.3	16.7	2.32	TAS	m_e
WERN	152.00	PKPab	20:23:02.462		16.7	2.32	TAS	m_e
WET	152.97	PKPdf	20:22:47.278		16.7	2.32	TAS	m_e
WET	152.97	PKPbc	20:22:55.087	-0.3	16.7	2.32	TAS	m_e
WET	152.97	PKPab	20:23:06.535		16.7	2.32	TAS	m_e
WLF	153.48	PKPdf	20:22:48.342		16.7	2.32	TAS	m_e
WLF	153.48	PKPbc	20:22:56.757	-0.5	16.7	2.32	TAS	m_e
WLF	153.48	PKPab	20:23:08.432		16.7	2.32	TAS	m_e

Event 50708013 Off west coast of northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/08	00:38:51.66		4.2220	94.8820					33.0			27		81.02	85.37	m i ke	BGR
50708019																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50708019
Ms	3.9		BGR	50708019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	85.37		P	00:51:25.915		92.1		5.19		TAS		23.3	0.97	m_e mb	5.4
BFO	84.58		P	00:51:21.164		92.1		5.19		TAS		21.1	0.93	m_e mb	5.4
BRG	81.02		P	00:51:03.039	-0.1	92.1		5.19		TAS		23.7	1.09	m_e mb	5.1
BSEG	83.41		P	00:51:15.553	0.2	92.1		5.19		TAS		43.2	0.97	m_e mb	5.6
BUG	85.24		P	00:51:24.895		92.1		5.19		TAS		31.2	0.96	m_e mb	5.5

CLL	81.64	P	00:51:05.868	0.1	92.1	5.19	TAS	19.5	1.07	m_e	mb	5.2
CLZ	83.31	P	00:51:15.082	0.0	92.1	5.19	TAS	31.0	1.01	m_e	mb	5.5
FBE	81.40	P	00:51:05.345	0.2	92.1	5.19	TAS	41.1	1.02	m_e	mb	5.4
FUR	82.61	P	00:51:11.285	0.1	92.1	5.19	TAS	20.4	0.97	m_e	mb	5.3
GEC2	81.03	P	00:51:03.445	0.2	92.1	5.19	TAS	64.0	0.95	m_e	mb	5.6
GRA1	82.70	P	00:51:12.324	0.1	92.1	5.19	TAS	40.0	1.08	m_e	mb	5.6
GRA1	82.70	L	01:34:17.943				T__	56.3	19.00	a_e	Ms	4.0
GTTG	83.55	P	00:51:16.332	-0.2	92.1	5.19	TAS	34.8	1.17	m_e	mb	5.5
IBBN	84.93	P	00:51:23.466		92.1	5.19	TAS	62.1	1.25	m_e	mb	5.7
KAST	84.52	P	00:51:21.126		92.1	5.19	TAS	19.3	1.16	m_e	mb	5.2
LNIZ	81.07	P	00:51:03.133	-0.2	92.1	5.19	TAS	117.1	0.97	m_e	mb	5.9
MANZ	82.14	P	00:51:09.474	-0.1	92.1	5.19	TAS	41.1	1.04	m_e	mb	5.5
MILB	83.95	P	00:51:18.397		92.1	5.19	TAS	34.3	0.94	m_e	mb	5.6
MOX	82.48	P	00:51:10.638	0.4	92.1	5.19	TAS	13.6	0.98	m_e	mb	5.0
MOX	82.48	L	01:34:11.063				T__	44.9	21.80	a_e	Ms	3.8
NRDL	83.49	P	00:51:16.107	-0.5	92.1	5.19	TAS	38.5	1.32	a_e	mb	5.5
PLN	82.13	P	00:51:08.813	0.5	92.1	5.19	TAS	15.0	1.05	m_e	mb	5.1
RJOB	81.57	P	00:51:05.529	-0.5	92.1	5.19	TAS	116.4	1.15	m_e	mb	5.9
ROTZ	82.06	P	00:51:09.021	-0.1	92.1	5.19	TAS	27.8	0.97	m_e	mb	5.4
RUE	81.24	P	00:51:04.116	-0.2	92.1	5.19	TAS	69.0	0.92	m_e	mb	5.7
TNS	84.50	P	00:51:21.440		92.1	5.19	TAS	26.0	1.00	m_e	mb	5.4
WERD	82.03	P	00:51:08.428	0.4	92.1	5.19	TAS	17.7	0.98	m_e	mb	5.2
WERN	81.98	P	00:51:08.298	-0.0	92.1	5.19	TAS	13.2	0.98	m_e	mb	5.0
WET	81.59	P	00:51:06.302	0.2	92.1	5.19	TAS	31.2	1.02	m_e	mb	5.4

Event 50708001 Southern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/08	02:53:16.39	0.81	1.02	41.8300	15.8170	21.1	11.1	91	10.0				15 320	4.77	9.28	m i ke	BGR
50708007																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.2		BGR	50708007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	5.42		Sn	02:55:32.945	0.1					T__	2.2			m_e	ML 3.5
BFO	8.38		Pn	02:55:14.746	-0.5					T__	2.7			m_e	
CKRC	7.07		Sn	02:56:12.275	1.0					T__	2.2			m_e	
CKRC	7.07		Pn	02:54:58.848	1.2					T__	4.3			m_e	
DAVA	6.91		Pn	02:54:56.388	1.0					T__	11.7			m_e	ML 4.6
GEC2	7.17		Sn	02:56:12.810	-0.8					T__	6.0			m_e	
GEC2	7.17		Pn	02:54:59.063	0.1					T__	5.9			m_e	ML 4.2
KBA	5.54		Sn	02:55:35.293	-0.2					T__	2.4			m_e	
KBA	5.54		Pn	02:54:37.120	0.2					T__	2.7			m_e	ML 4.0
KHC	7.47		Sn	02:56:19.723	-0.8					T__	2.9			m_e	
KHC	7.47		Pn	02:55:02.992	0.0					T__	7.2			m_e	

KRUC	7.24	Sn	02:56:16.770	1.5	T__	2.4	m_e		
MOA	6.12	Sn	02:55:49.652	0.6	T__	10.2	m_e		
MOA	6.12	Pn	02:54:45.456	0.7	T__	19.8	m_e ML	4.2	
MOX	9.28	Pn	02:55:26.663	-0.7	T__	3.1	m_e		
OBKA	4.77	Sn	02:55:16.978	-0.5	T__	1.8	m_e		
OBKA	4.77	Pn	02:54:26.434	-0.1	T__	46.2	m_e ML	4.4	
ROTZ	8.33	Sn	02:56:38.837	-1.7	T__	3.7	m_e		
ROTZ	8.33	Pn	02:55:13.110	-1.4	T__	6.2	m_e ML	4.0	
WERN	8.79	Pn	02:55:20.163	-0.6	T__	1.8	m_e		
WET	7.60	Sn	02:56:21.997	-1.6	T__	5.7	m_e		
WET	7.60	Pn	02:55:04.211	-0.5	T__	5.6	m_e ML	4.2	
WTTA	6.20	Sn	02:55:53.673	2.8	T__	3.5	m_e		
WTTA	6.20	Pn	02:54:46.058	0.2	T__	11.4	m_e ML	4.4	

Event 50708003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/08	06:53:19.20	0.28	0.73	51.5240	16.1990	3.3	2.2	38	1.0				27 98	0.68	3.19	m i ki	BGR
50708009																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.4		BGR	50708009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.56		Sg	06:54:08.307	-0.5					T__	8.1			m_e	
BRG	1.56		Pn	06:53:46.309	-0.9					T__	13.4			m_e ML	4.1
BRG	1.56		Pg	06:53:48.193	-0.4					T__				m_e	
CLL	2.01		Sg	06:54:23.178	0.1					T__	2.5			m_e	
CLL	2.01		Pn	06:53:52.503	-0.8					T__	24.5			m_e ML	4.2
DPC	1.17		Sg	06:53:55.806	-0.7					T__	2.8			m_e	
DPC	1.17		Pg	06:53:41.127	-0.2					T__				m_e	
FBE	1.89		Sg	06:54:17.597	-1.5					T__	4.1			m_e	
FBE	1.89		Pn	06:53:51.149	-0.5					T__	5.7			m_e ML	4.2
FLT1	3.18		Sg	06:54:58.815	-1.2					T__	3.3			m_e ML	4.4
GEC2	3.13		Pn	06:54:08.625	0.3					T__	19.7			m_e	
GKP	1.86		Pn	06:53:53.152	1.9					T__	3.2			m_e	
KHC	2.93		Pn	06:54:05.420	-0.2					T__	23.3			m_e	
KRUC	2.47		Sg	06:54:37.953	0.4					T__	3.7			m_e	
KRUC	2.47		Pn	06:54:00.089	0.6					T__	6.5			m_e	
KSP	0.68		Sg	06:53:41.110	0.1					T__	5.5			m_e	
KSP	0.68		Pg	06:53:32.077	-0.0					T__				m_e ML	3.9
LNIZ	2.32		Pn	06:53:56.717	-0.7					T__	16.2			m_e	
MANZ	3.02		Pn	06:54:07.347	0.5					T__	12.7			m_e	
MOX	3.02		Sg	06:54:55.690	0.6					T__	5.7			m_e	
MOX	3.02		Pn	06:54:06.822	-0.1					T__	10.4			m_e ML	4.6
NEUB	2.79		Sg	06:54:48.088	0.2					T__	4.5			m_e ML	5.0

NKC	2.70	Sg	06:54:47.159	2.1	T__	6.8	m_e		
NKC	2.70	Pn	06:54:02.753	0.1	T__	29.1	m_e ML	4.7	
OJC	2.63	Pn	06:54:00.952	-0.6	T__	12.4	m_e		
OKC	2.09	Sg	06:54:26.044	0.3	T__	6.4	m_e		
OKC	2.09	Pn	06:53:54.205	-0.2	T__	4.7	m_e ML	4.0	
PLN	2.76	Pn	06:54:03.282	-0.0	T__	14.9	m_e		
PRU	1.86	Pn	06:53:50.907	-0.4	T__	13.2	m_e		
PVCC	1.43	Sg	06:54:06.195	1.5	T__	4.0	m_e		
PVCC	1.43	Pg	06:53:45.306	-0.9	T__		m_e		
ROTZ	3.09	Pn	06:54:07.964	0.1	T__	32.0	m_e		
RUE	1.77	Sg	06:54:16.331	0.8	T__	3.3	m_e		
RUE	1.77	Pn	06:53:49.497	-0.6	T__	8.3	m_e ML	4.2	
TREC	2.28	Sg	06:54:30.858	-0.7	T__	6.0	m_e		
TREC	2.28	Pn	06:53:57.334	0.5	T__	5.7	m_e		
VRAC	2.23	Sg	06:54:29.845	-0.2	T__	4.4	m_e		
VRAC	2.23	Pn	06:53:56.564	0.3	T__	5.1	m_e		
WERD	2.69	Sg	06:54:44.794	0.3	T__	6.2	m_e		
WERD	2.69	Pn	06:54:02.445	0.1	T__	13.8	m_e ML	4.4	
WERN	2.72	Pn	06:54:02.996	0.2	T__	19.5	m_e		
WET	3.19	Pn	06:54:09.533	0.3	T__	38.3	m_e		

Event 50708012 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/08	22:14:00.64			37.3470	29.7150				10.0					16.36	21.31	m i ke	BGR
50708018																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	50708018
Ms	3.0		BGR	50708018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	19.08		L	22:25:21.593						T__		55.4	21.20	a_e Ms	2.8
BSEG	21.31		L	22:28:07.826						T__		46.3	19.90	a_e Ms	2.9
CLL	18.32		L	22:25:47.180						T__		80.2	18.60	a_e Ms	3.0
FUR	17.28		L	22:25:21.587						T__		147.4	18.80	a_e Ms	3.2
GEC2	16.36		P	22:17:53.302		125.1		10.13		TAS		18.9	1.04	m_e mb	4.2
GEC2	16.36		L	22:25:19.631						T__		78.6	19.30	a_e Ms	2.9
GRA1	18.16		P	22:18:13.145		125.1		10.13		TAS				m_e	
GRA1	18.16		L	22:25:31.756						T__		87.3	19.80	a_e Ms	3.0
MOX	18.54		L	22:27:33.838						T__		73.5	18.70	a_e Ms	3.0
TNS	19.95		L	22:26:37.617						T__		67.6	20.20	a_e Ms	3.0
UBR	17.72		P	22:18:08.420		125.1		10.13		TAS		15.1	0.96	m_e mb	4.1
WET	16.97		L	22:24:44.409						T__		106.0	20.50	a_e Ms	3.1

Event 50709006 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/09	07:28:27.20			-18.6600	-177.0900				342.0			25		144.33	150.46	m i ke	EMSC
OrigID 50709038																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.5		BGR	50709012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.08		PKPbc	07:47:37.531		15.1		2.74		TAS					m_e
BRG	146.68		PKPbc	07:47:28.947	0.3	15.1		2.74		TAS					m_e
BSEG	144.33		PKPbc	07:47:21.273	-0.1	15.1		2.74		TAS					m_e
CLL	146.46		PKPbc	07:47:28.112	0.2	15.1		2.74		TAS					m_e
CLL	146.46		pPKPbc	07:48:54.042						T__					m_e
CLZ	146.37		PKPbc	07:47:28.231	0.1	15.1		2.74		TAS					m_e
FBE	146.76		PKPbc	07:47:29.582	0.5	15.1		2.74		TAS					m_e
FBE	146.76		pPKPbc	07:48:54.728						T__					m_e
FLT1	145.77		PKPbc	07:47:25.590	0.0	15.1		2.74		TAS					m_e
GEC2	148.65		PKPbc	07:47:34.193		15.1		2.74		TAS					m_e
GEC2	148.65		pPKPbc	07:49:01.157						T__					m_e
GRA1	148.33		L	08:51:10.300						T__		86.1	19.90	a_e Ms	4.5
GTTG	146.71		PKPbc	07:47:29.026	0.3	15.1		2.74		TAS					m_e
GTTG	146.71		pPKPbc	07:48:54.277						T__					m_e
GUNZ	147.49		PKPbc	07:47:31.411	-0.7	15.1		2.74		TAS					m_e
GUNZ	147.49		pPKPbc	07:48:57.650						T__					m_e
IBBN	146.21		PKPbc	07:47:27.516	0.6	15.1		2.74		TAS					m_e
KAST	147.24		PKPbc	07:47:30.417	0.4	15.1		2.74		TAS					m_e
KAST	147.24		pPKPbc	07:48:56.552						T__					m_e
MANZ	147.89		PKPbc	07:47:32.352	-0.7	15.1		2.74		TAS					m_e
MILB	148.49		PKPbc	07:47:33.835		15.1		2.74		TAS					m_e
MILB	148.49		pPKPbc	07:49:00.317						T__					m_e
MOX	147.34		PKPbc	07:47:30.656	0.2	15.1		2.74		TAS					m_e
MOX	147.34		pPKPbc	07:48:56.688						T__					m_e
NRDL	145.77		PKPbc	07:47:26.164	0.1	15.1		2.74		TAS					m_e
PLN	147.40		PKPbc	07:47:30.973	-0.2	15.1		2.74		TAS					m_e
PLN	147.40		pPKPbc	07:48:57.180						T__					m_e
RJOB	149.90		PKPbc	07:47:36.887		15.1		2.74		TAS					m_e
ROTZ	148.08		PKPbc	07:47:32.722		15.1		2.74		TAS					m_e
ROTZ	148.08		pPKPbc	07:48:59.511						T__					m_e
RUE	145.19		PKPbc	07:47:24.257	0.4	15.1		2.74		TAS					m_e
TNS	148.20		PKPbc	07:47:33.318		15.1		2.74		TAS					m_e
UBR	150.46		PKPbc	07:47:38.366		15.1		2.74		TAS					m_e
WERD	147.41		PKPbc	07:47:31.053	-0.1	15.1		2.74		TAS					m_e
WERN	147.55		pPKPbc	07:48:58.178						T__					m_e
WET	148.54		PKPbc	07:47:33.676		15.1		2.74		TAS					m_e
WLF	148.96		PKPbc	07:47:35.614		15.1		2.74		TAS					m_e

WLF 148.96 pPKPbc 07:49:02.121 T__ m_e

Event 50709007 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/09	08:27:35.08			39.7550	144.0010				33.0					78.53	83.89	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50709013
Ms	5.0		BGR	50709013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	83.89		L	09:21:55.916						T__		400.7	19.50	a_e Ms	4.8
BSEG	78.53		L	09:16:09.219						T__		1164.9	20.70	a_e Ms	5.2
CLL	79.72		L	09:16:44.458						T__		378.9	21.70	a_e Ms	4.7
FUR	82.94		L	09:19:40.216						T__		804.0	18.70	a_e Ms	5.1
GEC2	81.44		L	09:18:04.476						T__		891.7	21.00	a_e Ms	5.1
GRA1	81.70		P	08:39:48.908		37.4		4.50		TAS		45.9	0.91	m_e mb	5.6
GRA1	81.70		L	09:16:56.109						T__		441.6	21.90	a_e Ms	4.8
MOX	80.78		L	09:19:46.805						T__		537.9	19.40	a_e Ms	4.9
TNS	82.26		L	09:19:10.995						T__		854.7	19.00	a_e Ms	5.1
WET	81.52		L	09:18:38.012						T__		1266.3	19.30	a_e Ms	5.3

Event 50709008 Near coast of Guatemala

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/09	13:25:56.20			13.3600	-90.2200				68.0					85.31	88.99	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50709014
Ms	5.0		BGR	50709014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	85.73		L	14:12:39.276						T__		814.0	21.40	a_e Ms	5.1
BSEG	85.42		L	14:19:01.459						T__		630.9	18.40	a_e Ms	5.0
CLL	87.77		L	14:15:06.286						T__		547.5	21.20	a_e Ms	4.9
FUR	87.67		L	14:13:38.160						T__		602.0	21.80	a_e Ms	5.0
GEC2	88.99		L	14:14:46.708						T__		730.7	20.80	a_e Ms	5.1
GRA1	87.18		P	13:38:33.697		287.2		5.25		TAS		7.7	0.93	m_e mb	4.8
GRA1	87.18		L	14:15:56.383						T__		866.0	19.60	a_e Ms	5.2
MOX	87.14		L	14:15:11.310						T__		510.6	19.70	a_e Ms	4.9

TNS	85.31	L	14:12:16.826	T__	547.7	21.40	a_e Ms	4.9
WET	88.38	L	14:14:19.630	T__	669.4	21.30	a_e Ms	5.0

Event 50709009 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
2015/07/09	18:32:47.46			40.8360	142.3200				33.0			35		75.97	82.33	m i ke	BGR
OrigID 50709015																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	50709015
MBB	6.1		BGR	50709015
Ms	4.8		BGR	50709015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	80.92		P	18:44:56.624	-0.0	35.4		5.41		TAS		118.0	1.04	m_e mb	5.9
ASSE	78.34		P	18:44:42.587	0.2	35.4		5.41		TAS		26.0	0.94	m_e mb	5.3
BFO	82.33		P	18:45:03.976		35.4		5.41		TAS		137.2	1.06	m_e mb	6.0
BFO	82.33		L	19:22:09.509						T__		355.9	21.20	a_e Ms	4.7
BRG	78.14		P	18:44:41.467	0.1	35.4		5.41		TAS		68.3	0.99	m_e mb	5.7
BSEG	76.99		P	18:44:35.595	-0.2	35.4		5.41		TAS		177.5	1.06	m_e mb	6.1
BSEG	76.99		L	19:20:39.765						T__		508.6	22.00	a_e Ms	4.8
BUG	80.10		P	18:44:52.107	-0.0	35.4		5.41		TAS		158.5	1.20	m_e mb	5.8
CLL	78.15		P	18:44:41.295	-0.1	35.4		5.41		TAS		140.7	0.97	m_e mb	6.1
CLL	78.15		L	19:22:14.819						T__		540.3	19.00	a_e Ms	4.9
CLZ	78.69		P	18:44:44.913	-0.0	35.4		5.41		TAS		193.4	1.19	m_e mb	6.0
FBE	78.33		P	18:44:42.826	-0.2	35.4		5.41		TAS		120.2	0.92	m_e mb	6.0
FLT1	77.98		P	18:44:40.234	0.0	35.4		5.41		TAS		177.5	0.91	m_e mb	6.2
FUR	81.36		P	18:44:59.195	-0.5	35.4		5.41		TAS		238.6	0.90	m_e mb	6.2
FUR	81.36		L	19:28:35.979						T__		433.8	18.60	a_e Ms	4.8
GEC2	79.85		P	18:44:50.748	0.5	35.4		5.41		TAS		446.4	2.52	m_e mb	5.9
GEC2	79.85		L	19:21:58.438						T__		666.1	21.90	a_e Ms	4.9
GRA1	80.13		P	18:44:52.900	-0.1	35.4		5.41		TAS		260.5	1.00	m_e mb	6.1
GRA1	80.13		L	19:24:17.417						T__		466.6	19.10	a_e Ms	4.8
GTTG	79.07		P	18:44:46.898	0.1	35.4		5.41		TAS		138.1	1.03	m_e mb	5.9
GUNZ	79.17		P	18:44:47.297	0.1	35.4		5.41		TAS		67.5	0.89	m_e mb	5.7
IBBN	79.21		P	18:44:47.465	0.3	35.4		5.41		TAS		140.9	0.82	m_e mb	6.0
KAST	79.90		P	18:44:51.305	0.1	35.4		5.41		TAS		72.8	1.05	m_e mb	5.5
LNIZ	75.97		P	18:44:29.709	-0.1	35.4		5.41		TAS		344.2	1.15	m_e mb	6.4
MANZ	79.56		P	18:44:49.414	-0.2	35.4		5.41		TAS		86.5	1.14	m_e mb	5.6
MILB	80.73		P	18:44:55.587	0.1	35.4		5.41		TAS		95.4	0.97	m_e mb	5.8
MILB	80.73		L	19:20:08.127						T__		434.2	21.20	a_e Ms	4.8
MOX	79.21		P	18:44:47.376	-0.3	35.4		5.41		TAS		65.6	0.93	m_e MBB	6.0
MOX	79.21		L	19:19:08.445						T__		562.7	20.70	a_e Ms	4.9
NEUB	78.70		P	18:44:44.520	0.0	35.4		5.41		TAS		163.8	0.92	m_e mb	6.1
NRDL	78.25		P	18:44:42.185	0.3	35.4		5.41		TAS		381.1	2.24	m_e mb	6.1

PLN	79.13	P	18:44:47.020	-0.1	35.4	5.41	TAS	283.6	2.19	m_e	mb	5.9
RJOB	81.10	P	18:44:57.920	0.0	35.4	5.41	TAS	3138.7	2.40	m_e	mb	6.9
ROTZ	79.70	P	18:44:50.400	0.2	35.4	5.41	TAS	114.7	1.21	m_e	mb	5.7
RUE	76.93	P	18:44:34.995	-0.5	35.4	5.41	TAS	250.0	1.27	m_e	mb	6.2
STU	81.65	P	18:45:00.591	-0.3	35.4	5.41	TAS	218.2	0.89	m_e	mb	6.3
TNS	80.71	P	18:44:55.591	0.2	35.4	5.41	TAS	153.4	1.51	m_e	mb	5.8
TNS	80.71	L	19:21:03.493				T__	485.9	21.20	a_e	Ms	4.8
UBBA	79.66	P	18:44:49.578	0.3	35.4	5.41	TAS	99.3	1.50	m_e	mb	5.5
UBR	82.20	P	18:45:03.122		35.4	5.41	TAS	340.4	2.37	m_e	mb	6.1
WERD	79.11	P	18:44:46.869	0.1	35.4	5.41	TAS	285.9	2.14	m_e	mb	5.9
WERN	79.21	P	18:44:47.578	0.1	35.4	5.41	TAS	537.6	2.40	m_e	mb	6.2
WET	79.94	P	18:44:51.676	-0.1	35.4	5.41	TAS	128.3	1.07	m_e	mb	5.8
WET	79.94	L	19:23:59.750				T__	569.4	19.90	a_e	Ms	4.9
WLF	81.98	P	18:45:02.420		35.4	5.41	TAS	349.0	2.20	m_e	mb	6.1

Event 50710001 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/10	04:12:44.44			-9.3110	158.1810				10.0			15		126.93	133.57	m i ke	BGR
50710007																	

Magnitude	Err	Nsta	Author	OrigID
Ms	7.0		BGR	50710007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	132.47		PKPbc	04:31:56.117		44.4		1.81		TAS				m_e		
ASSE	129.78		PKPbc	04:31:51.779	-0.1	44.4		1.81		TAS				m_e		
BFO	133.57		PKPbc	04:31:58.132		44.4		1.81		TAS				m_e		
BRG	129.18		PKPbc	04:31:50.291	0.0	44.4		1.81		TAS				m_e		
BSEG	128.59		PKPbc	04:31:49.351	0.0	44.4		1.81		TAS				m_e		
BUG	131.70		PKPbc	04:31:54.965		44.4		1.81		TAS				m_e		
CLL	129.33		PKPbc	04:31:50.664	0.0	44.4		1.81		TAS				m_e		
CLZ	130.11		PKPbc	04:31:52.339	0.1	44.4		1.81		TAS				m_e		
FBE	129.43		PKPbc	04:31:50.929	-0.1	44.4		1.81		TAS				m_e		
FLT1	129.39		PKPbc	04:31:50.625	0.0	44.4		1.81		TAS				m_e		
FUR	132.30		PKPbc	04:31:55.925		44.4		1.81		TAS				m_e		
GEC2	130.64		PKPbc	04:31:53.648		44.4		1.81		TAS				m_e		
GRA1	131.27		PKPbc	04:31:54.164		44.4		1.81		TAS				m_e		
GRA1	131.27		L	05:35:07.417						T__	33640.4	19.90		a_e	Ms	7.0
GTTG	130.50		PKPbc	04:31:53.041		44.4		1.81		TAS				m_e		
GUNZ	130.28		PKPbc	04:31:52.795	0.1	44.4		1.81		TAS				m_e		
IBBN	130.84		PKPbc	04:31:53.864		44.4		1.81		TAS				m_e		
KAST	131.41		PKPbc	04:31:54.620		44.4		1.81		TAS				m_e		
MANZ	130.65		PKPbc	04:31:53.366		44.4		1.81		TAS				m_e		
MILB	132.05		PKPbc	04:31:55.392		44.4		1.81		TAS				m_e		
MOX	130.42		PKPbc	04:31:52.795		44.4		1.81		TAS				m_e		

MOX	130.42	L	05:30:53.430							T__	26116.3	20.40	a_e	Ms	6.9
NEUB	129.96	PKPbc	04:31:51.956	44.4	1.81	TAS							m_e		
NRDL	129.75	PKPbc	04:31:51.541	0.1 44.4	1.81	TAS							m_e		
PLN	130.28	PKPbc	04:31:52.738	-0.2 44.4	1.81	TAS							m_e		
RGN	126.93	PKPbc	04:31:46.057	0.0 44.4	1.81	TAS							m_e		
RJOB	131.83	PKPbc	04:31:55.237	44.4	1.81	TAS							m_e		
ROTZ	130.75	PKPbc	04:31:53.489	44.4	1.81	TAS							m_e		
RUE	128.17	PKPbc	04:31:48.533	0.0 44.4	1.81	TAS							m_e		
STU	132.86	PKPbc	04:31:56.877	44.4	1.81	TAS							m_e		
TNS	132.13	PKPbc	04:31:55.555	44.4	1.81	TAS							m_e		
UBBA	131.01	PKPbc	04:31:53.797	44.4	1.81	TAS							m_e		
UBR	133.20	PKPbc	04:31:57.431	44.4	1.81	TAS							m_e		
WERD	130.24	PKPbc	04:31:52.567	-0.0 44.4	1.81	TAS							m_e		
WERN	130.32	PKPbc	04:31:52.795	-0.0 44.4	1.81	TAS							m_e		
WET	130.85	PKPbc	04:31:53.671	44.4	1.81	TAS							m_e		
WLF	133.52	PKPbc	04:31:58.069	44.4	1.81	TAS							m_e		

Event 50711003 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/11	11:27:05.73			43.9900	146.7000				60.9	2.8		37		74.12	81.06	m i ke	BGR
50711009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	50711009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.51		P	11:39:05.660	0.6	31.2		5.63		TAS				m_e	
ASSE	77.01		P	11:38:51.586	-0.0	31.2		5.63		TAS		24.4	0.87	m_e mb	5.3
BFO	81.06		P	11:39:13.426	-1.0	31.2		5.63		TAS		37.9	0.78	m_e mb	5.5
BRG	77.00		P	11:38:51.523	0.0	31.2		5.63		TAS		44.8	0.86	m_e mb	5.6
BSEG	75.57		P	11:38:43.410	-0.1	31.2		5.63		TAS		115.4	0.79	a_e mb	6.1
BUG	78.66		P	11:39:00.765	-0.6	31.2		5.63		TAS		71.0	0.85	m_e mb	5.7
CLL	76.95		P	11:38:51.018	-0.2	31.2		5.63		TAS		171.4	0.79	m_e mb	6.2
CLZ	77.36		P	11:38:53.796	0.3	31.2		5.63		TAS		137.7	0.92	m_e mb	6.1
FBE	77.16		P	11:38:52.596	0.2	31.2		5.63		TAS		116.4	1.02	m_e mb	6.0
FLT1	76.66		P	11:38:49.188	-0.4	31.2		5.63		TAS		148.0	0.83	m_e mb	6.2
FUR	80.22		P	11:39:08.882	0.3	31.2		5.63		TAS		99.1	0.89	m_e mb	5.7
GEC2	78.79		P	11:39:01.761	0.1	31.2		5.63		TAS		25.8	0.65	m_e mb	5.4
GRA1	78.93		P	11:39:02.191	0.3	31.2		5.63		TAS				m_e	
GTTG	77.74		P	11:38:55.660	-0.0	31.2		5.63		TAS		132.8	0.91	a_e mb	6.1
GUNZ	77.98		P	11:38:57.060	0.0	31.2		5.63		TAS		35.6	0.73	a_e mb	5.6
HLG	76.08		P	11:38:46.110	-0.1	31.2		5.63		TAS		178.9	0.87	a_e mb	6.2
IBBN	77.76		P	11:38:55.838	-0.4	31.2		5.63		TAS		102.1	0.85	m_e mb	6.0
KAST	78.52		P	11:38:59.860	-0.2	31.2		5.63		TAS		54.6	0.86	a_e mb	5.6
LNIZ	74.71		P	11:38:38.646	-0.0	31.2		5.63		TAS		91.7	0.73	m_e mb	5.9

MANZ	78.38	P	11:38:59.161	-0.1	31.2	5.63	TAS	50.7	1.03	m_e	mb	5.6
MILB	79.44	P	11:39:04.860	-0.4	31.2	5.63	TAS			a_e		
MOX	77.98	P	11:38:56.960	-0.1	31.2	5.63	TAS	70.0	0.96	a_e	mb	5.8
NEUB	77.46	P	11:38:53.887	0.2	31.2	5.63	TAS	158.9	0.92	m_e	mb	6.1
NRDL	76.88	P	11:38:50.450	-0.4	31.2	5.63	TAS	52.0	0.86	m_e	mb	5.7
RGN	74.12	P	11:38:35.128	0.2	31.2	5.63	TAS	147.3	0.78	m_e	mb	6.1
RJOB	80.05	P	11:39:08.580	0.5	31.2	5.63	TAS	135.5	0.79	m_e	mb	5.9
ROTZ	78.53	P	11:38:59.847	0.2	31.2	5.63	TAS			m_e		
RUE	75.71	P	11:38:44.310	0.0	31.2	5.63	TAS	121.5	0.82	a_e	mb	6.1
SKMB	75.16	P	11:38:41.118	0.6	31.2	5.63	TAS	117.3	0.88	m_e	mb	5.9
SKMB	75.16	pP	11:38:58.561	-0.3			T__			m_e		
STU	80.39	P	11:39:09.955	-0.7	31.2	5.63	TAS	60.6	0.81	m_e	mb	5.6
TNS	79.37	P	11:39:04.510	-0.3	31.2	5.63	TAS	44.6	0.88	a_e	mb	5.5
UBBA	78.36	P	11:38:58.950	-0.6	31.2	5.63	TAS	29.6	0.68	m_e	mb	5.5
UBR	81.04	P	11:39:13.500	-0.3	31.2	5.63	TAS	13.8	0.72	m_e	mb	5.1
UBR	81.04	pP	11:39:29.687	-0.3			T__			m_e		
WERD	77.92	P	11:38:56.610	-0.1	31.2	5.63	TAS			a_e		
WERN	78.03	P	11:38:57.410	0.1	31.2	5.63	TAS	41.3	0.70	a_e	mb	5.7
WET	78.83	P	11:39:01.732	0.5	31.2	5.63	TAS	47.9	0.86	m_e	mb	5.5
WLF	80.57	P	11:39:11.702	2.0	31.2	5.63	TAS			m_e		

Event 50711004 Northwest of Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/11	18:40:05.10			28.5300	126.9400				33.0			28		81.37	86.07	m i ke	BGR
OrigID 50711010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50711010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	85.83	P		18:52:41.236	-0.8	53.0		5.08		TAS		1.9	0.72	m_e	mb	4.3
BRG	81.39	P		18:52:18.733	-0.1	53.0		5.08		TAS		2.7	0.78	a_e	mb	4.3
BSEG	81.37	P		18:52:18.526	0.0	53.0		5.08		TAS		6.8	0.76	m_e	mb	4.8
CLL	81.62	P		18:52:19.633	-0.4	53.0		5.08		TAS		8.5	0.72	m_e	mb	5.0
CLZ	82.62	P		18:52:25.047	-0.0	53.0		5.08		TAS		9.6	0.77	m_e	mb	5.1
FBE	81.66	P		18:52:20.126	0.2	53.0		5.08		TAS		5.9	0.85	m_e	mb	4.7
FLT1	81.90	P		18:52:20.954	-0.5	53.0		5.08		TAS		6.3	0.69	m_e	mb	4.9
FUR	84.39	P		18:52:34.132	0.8	53.0		5.08		TAS				m_e		
GEC2	82.68	P		18:52:25.133	-0.3	53.0		5.08		TAS		1.9	0.68	a_e	mb	4.5
GRA1	83.49	P		18:52:29.272	0.1	53.0		5.08		TAS				m_e		
GTTG	83.00	P		18:52:26.775	0.5	53.0		5.08		TAS		8.5	0.74	m_e	mb	5.1
GUNZ	82.52	P		18:52:24.585	0.0	53.0		5.08		TAS		2.3	0.71	m_e	mb	4.5
IBBN	83.59	P		18:52:29.932	-0.1	53.0		5.08		TAS		11.2	0.68	m_e	mb	5.2
KAST	83.97	P		18:52:32.233	0.3	53.0		5.08		TAS		4.9	0.70	a_e	mb	4.8
MANZ	82.86	P		18:52:26.301	0.0	53.0		5.08		TAS				m_e		

MILB	84.40	P	18:52:34.033	-0.1	53.0	5.08	TAS	4.6	0.73	a_e	mb	4.8
MOX	82.72	P	18:52:25.544	0.3	53.0	5.08	TAS			m_e		
NEUB	82.31	P	18:52:23.462	-0.1	53.0	5.08	TAS	4.6	0.77	m_e	mb	4.7
NRDL	82.35	P	18:52:23.589	0.4	53.0	5.08	TAS	3.7	0.87	m_e	mb	4.5
RJOB	83.82	P	18:52:31.253	0.1	53.0	5.08	TAS			m_e		
ROTZ	82.94	P	18:52:26.697	0.0	53.0	5.08	TAS	2.2	0.73	m_e	mb	4.5
STU	85.11	P	18:52:37.644	0.2	53.0	5.08	TAS	3.5	0.76	m_e	mb	4.7
UBBA	83.43	P	18:52:28.890	-0.8	53.0	5.08	TAS	2.7	0.66	m_e	mb	4.6
UBR	85.31	P	18:52:38.583	-0.1	53.0	5.08	TAS	7.1	0.71	a_e	mb	5.0
WERD	82.48	P	18:52:24.387	-0.0	53.0	5.08	TAS			m_e		
WERN	82.54	P	18:52:24.783	0.1	53.0	5.08	TAS	2.9	0.85	m_e	mb	4.5
WET	82.95	P	18:52:26.763	0.0	53.0	5.08	TAS			m_e		
WLF	86.07	P	18:52:42.806	0.2	53.0	5.08	TAS	4.7	0.67	m_e	mb	4.8

Event 50711007 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/11	23:16:23.30			33.1200	142.9200				53.8	1.4		24		82.97	89.32	m i ke	BGR
OrigID 50711013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50711013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	89.32		P	23:29:16.869		38.4		4.92		TAS		2.9	0.91	m_e	mb	4.5
BFO	89.32		pP	23:29:32.165	-0.1					T__				m_e		
BRG	85.05		P	23:28:56.067	-0.2	38.4		4.92		TAS		6.0	0.87	m_e	mb	4.8
BSEG	84.11		P	23:28:51.182	0.3	38.4		4.92		TAS		3.3	0.82	m_e	mb	4.6
BUG	87.22		P	23:29:06.876	-0.2	38.4		4.92		TAS		7.7	0.94	m_e	mb	4.8
CLL	85.11		P	23:28:56.240	-0.6	38.4		4.92		TAS		10.8	0.86	m_e	mb	5.1
CLZ	85.73		P	23:28:59.521	-0.2	38.4		4.92		TAS		14.1	1.07	m_e	mb	5.0
FBE	85.26		P	23:28:57.068	0.2	38.4		4.92		TAS		11.4	0.91	m_e	mb	5.1
FLT1	85.02		P	23:28:55.365	-0.1	38.4		4.92		TAS		7.3	1.02	m_e	mb	4.9
FLT1	85.02		pP	23:29:11.124	-0.1					T__				m_e		
GEC2	86.69		P	23:29:04.004		38.4		4.92		TAS		3.5	0.83	m_e	mb	4.5
GEC2	86.69		pP	23:29:19.316	-0.1					T__				m_e		
GRA1	87.08		P	23:29:06.032		38.4		4.92		TAS		6.9	0.85	m_e	mb	4.8
GTTG	86.12		P	23:29:01.503	-0.2	38.4		4.92		TAS		8.5	0.75	m_e	mb	5.0
GUNZ	86.10		P	23:29:01.339		38.4		4.92		TAS		4.7	0.87	m_e	mb	4.6
IBBN	86.34		P	23:29:02.307	-0.2	38.4		4.92		TAS				m_e		
KAST	86.98		P	23:29:05.752	-0.2	38.4		4.92		TAS		5.1	0.82	m_e	mb	4.7
LNIZ	82.97		P	23:28:45.883	-0.2	38.4		4.92		TAS		50.5	1.46	m_e	mb	5.5
LNIZ	82.97		pP	23:29:01.295	-0.1					T__				m_e		
MANZ	86.49		P	23:29:03.097		38.4		4.92		TAS		4.5	0.94	m_e	mb	4.6
MOX	86.18		P	23:29:01.537		38.4		4.92		TAS		3.1	0.85	m_e	mb	4.5
MOX	86.18		pP	23:29:16.948	-0.1					T__				m_e		

NEUB	85.69	P	23:28:59.427	0.1	38.4		4.92	TAS	11.8	0.86	m_e mb	5.0
RJOB	87.93	P	23:29:10.102		38.4		4.92	TAS	11.8	0.86	m_e mb	5.2
ROTZ	86.62	P	23:29:03.740		38.4		4.92	TAS	5.3	0.99	m_e mb	4.6
UBBA	86.68	P	23:29:03.812	0.2	38.4		4.92	TAS			m_e	
WERD	86.05	P	23:29:00.602		38.4		4.92	TAS	4.4	0.77	m_e mb	4.7
WERN	86.14	P	23:29:01.513		38.4		4.92	TAS	6.8	0.88	m_e mb	4.8
WET	86.81	P	23:29:04.931		38.4		4.92	TAS	1.8	0.83	m_e mb	4.2

Event 50712001 Sichuan, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/12	04:45:09.77			32.9570	100.5230				33.0			1		65.27	65.27	m i ke	BGR
OrigID 50712007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50712007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	65.27		P	04:55:47.380		71.2		5.82		TAS		17.7	1.87	m_e mb	5.0

Event 50712002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/12	07:04:06.18			-21.1060	-176.2370				203.0			23		146.69	152.45	m i ke	BGR
OrigID 50712008																	

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	150.51		PKPbc	07:23:34.763	0.2	12.3		2.52		TAS				m_e	
AHRW	150.51		PKPab	07:23:41.238	0.2	12.3		2.52		TAS				m_e	
BRG	149.23		PKPbc	07:23:31.233	0.2	12.3		2.52		TAS				m_e	
BUG	149.60		PKPbc	07:23:32.038	-0.1	12.3		2.52		TAS				m_e	
BUG	149.60		PKPab	07:23:37.386	0.2	12.3		2.52		TAS				m_e	
CLL	149.00		PKPbc	07:23:30.529	0.1	12.3		2.52		TAS				m_e	
CLZ	148.89		PKPbc	07:23:29.968	0.1	12.3		2.52		TAS				m_e	
CLZ	148.89		PKPab	07:23:34.480	0.2	12.3		2.52		TAS				m_e	
FBE	149.30		PKPbc	07:23:31.691	0.3	12.3		2.52		TAS				m_e	
FBE	149.30		PKPab	07:23:36.328	0.2	12.3		2.52		TAS				m_e	
FLT1	148.30		PKPbc	07:23:28.170	-0.5	12.3		2.52		TAS				m_e	
FLT1	148.30		PKPab	07:23:31.903	0.2	12.3		2.52		TAS				m_e	
FUR	152.34		PKPbc	07:23:38.516	0.2	12.3		2.52		TAS				m_e	
FUR	152.34		PKPab	07:23:48.793	0.2	12.3		2.52		TAS				m_e	

GEC2	151.20	PKPbc	07:23:36.230		12.3	2.52	TAS	m_e
GRA1	150.87	PKPbc	07:23:35.481	0.2	12.3	2.52	TAS	m_e
GRA1	150.87	PKPab	07:23:42.875	0.2	12.3	2.52	TAS	m_e
GTTG	149.23	PKPbc	07:23:31.262	0.6	12.3	2.52	TAS	m_e
GTTG	149.23	PKPab	07:23:36.014	0.2	12.3	2.52	TAS	m_e
GUNZ	150.03	PKPbc	07:23:33.322	0.2	12.3	2.52	TAS	m_e
IBBN	148.70	PKPbc	07:23:29.845	-0.2	12.3	2.52	TAS	m_e
IBBN	148.70	PKPab	07:23:33.897	0.2	12.3	2.52	TAS	m_e
KAST	149.74	PKPbc	07:23:32.264	-0.1	12.3	2.52	TAS	m_e
LNIZ	146.69	PKPbc	07:23:24.410	-0.3	12.3	2.52	TAS	m_e
MANZ	150.43	PKPbc	07:23:34.534	0.2	12.3	2.52	TAS	m_e
MILB	151.00	PKPbc	07:23:35.688	0.2	12.3	2.52	TAS	m_e
MILB	151.00	PKPab	07:23:43.583	0.2	12.3	2.52	TAS	m_e
MOX	149.88	PKPbc	07:23:32.583	0.3	12.3	2.52	TAS	m_e
MOX	149.88	PKPab	07:23:38.139	0.2	12.3	2.52	TAS	m_e
NEUB	149.32	PKPbc	07:23:31.388	-0.1	12.3	2.52	TAS	m_e
NRDL	148.29	PKPbc	07:23:28.254	-0.4	12.3	2.52	TAS	m_e
RJOB	152.45	PKPab	07:23:50.044	0.2	12.3	2.52	TAS	m_e
ROTZ	150.62	PKPbc	07:23:34.813	-0.5	12.3	2.52	TAS	m_e
RUE	147.74	PKPbc	07:23:27.121	-0.0	12.3	2.52	TAS	m_e
STU	152.06	PKPbc	07:23:37.756		12.3	2.52	TAS	m_e
TNS	150.71	PKPbc	07:23:34.980	-0.6	12.3	2.52	TAS	m_e
TNS	150.71	PKPab	07:23:42.188	0.2	12.3	2.52	TAS	m_e
UBBA	149.94	PKPbc	07:23:32.724	0.3	12.3	2.52	TAS	m_e
WERD	149.95	PKPbc	07:23:33.291	0.3	12.3	2.52	TAS	m_e
WERD	149.95	PKPab	07:23:38.973	0.2	12.3	2.52	TAS	m_e
WERN	150.09	PKPbc	07:23:33.410	0.2	12.3	2.52	TAS	m_e
WERN	150.09	PKPab	07:23:39.802	0.2	12.3	2.52	TAS	m_e
WET	151.09	PKPbc	07:23:36.039	0.2	12.3	2.52	TAS	m_e
WLF	151.44	PKPbc	07:23:36.985		12.3	2.52	TAS	m_e

Event 50712003 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/12	17:52:07.44			33.0550	131.7620				33.0			35		78.28	84.56	m i ke	BGR
50712009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50712009
Ms	4.8		BGR	50712009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.51		P	18:04:27.170	0.4	46.4		5.29		TAS		50.9	0.99	m_e mb	5.7
BFO	84.52		P	18:04:32.147	-0.8	46.4		5.29		TAS		44.9	0.96	m_e mb	5.7
BRG	80.12		P	18:04:09.098	-0.4	46.4		5.29		TAS		18.5	1.23	m_e mb	4.9
BSEG	79.70		P	18:04:06.431	-0.4	46.4		5.29		TAS		38.2	1.02	m_e mb	5.3

BUG	82.78	P	18:04:23.147	0.3	46.4	5.29	TAS						m_e		
CLL	80.27	P	18:04:09.581	-0.2	46.4	5.29	TAS	40.9	1.04	m_e	mb	5.3			
CLZ	81.12	P	18:04:14.352	0.2	46.4	5.29	TAS	59.8	1.02	m_e	mb	5.6			
FBE	80.36	P	18:04:10.099	-0.2	46.4	5.29	TAS	36.8	1.03	m_e	mb	5.3			
FLT1	80.40	P	18:04:10.099	-0.2	46.4	5.29	TAS	43.5	1.02	m_e	mb	5.3			
FUR	83.22	P	18:04:25.733	0.3	46.4	5.29	TAS	69.9	1.02	m_e	mb	5.8			
GEC2	81.57	P	18:04:17.110	-0.2	46.4	5.29	TAS	12.5	0.92	m_e	mb	5.0			
GRA1	82.20	P	18:04:19.870	0.4	46.4	5.29	TAS	64.9	1.02	m_e	mb	5.7			
GRA1	82.20	L	18:43:49.742				T__	519.1	21.70	a_e	Ms	4.9			
GTTG	81.51	P	18:04:16.216	0.1	46.4	5.29	TAS	40.7	0.79	m_e	mb	5.6			
GUNZ	81.22	P	18:04:15.283	0.3	46.4	5.29	TAS	25.0	0.92	m_e	mb	5.2			
IBBN	81.95	P	18:04:18.318	-0.1	46.4	5.29	TAS	37.7	0.87	m_e	mb	5.5			
KAST	82.44	P	18:04:21.077	-0.1	46.4	5.29	TAS	23.2	0.94	m_e	mb	5.3			
LNIZ	78.28	P	18:03:59.292	0.1	46.4	5.29	TAS	109.9	0.81	m_e	mb	6.0			
MANZ	81.58	P	18:04:16.785	-0.2	46.4	5.29	TAS	17.8	0.91	m_e	mb	5.2			
MILB	83.01	P	18:04:23.968	-0.4	46.4	5.29	TAS	18.1	0.86	m_e	mb	5.3			
MOX	81.37	P	18:04:15.502	-0.1	46.4	5.29	TAS	13.6	0.98	m_e	mb	4.9			
MOX	81.37	L	18:42:51.361				T__	450.7	21.80	a_e	Ms	4.8			
NEUB	80.92	P	18:04:13.126	-0.5	46.4	5.29	TAS	92.1	1.56	m_e	mb	5.6			
NRDL	80.79	P	18:04:12.189	-0.6	46.4	5.29	TAS	20.1	1.04	m_e	mb	5.1			
PLN	81.22	P	18:04:14.927	0.1	46.4	5.29	TAS	12.1	1.11	m_e	mb	4.8			
RJOB	82.76	P	18:04:22.859	-0.2	46.4	5.29	TAS								
ROTZ	81.68	P	18:04:17.389	0.3	46.4	5.29	TAS								
RUE	79.14	P	18:04:03.891	0.1	46.4	5.29	TAS								
SKMB	79.54	P	18:04:05.654	0.5	46.4	5.29	TAS	60.0	1.12	m_e	mb	5.5			
STU	83.80	P	18:04:29.010	0.6	46.4	5.29	TAS	61.4	1.02	m_e	mb	5.5			
TNS	83.12	P	18:04:25.044	0.3	46.4	5.29	TAS	41.2	0.89	m_e	mb	5.7			
UBBA	82.00	P	18:04:18.778	-0.1	46.4	5.29	TAS								
UBR	84.13	P	18:04:30.217	0.0	46.4	5.29	TAS								
WERD	81.18	P	18:04:14.812	0.2	46.4	5.29	TAS								
WERN	81.25	P	18:04:15.102	0.6	46.4	5.29	TAS	16.0	0.92	m_e	mb	5.0			
WET	81.78	P	18:04:17.916	0.1	46.4	5.29	TAS	30.6	0.94	m_e	mb	5.3			
WLF	84.56	P	18:04:32.654	-0.3	46.4	5.29	TAS	9.7	1.01	m_e	mb	4.9			

Event 50713003 Western Arabian Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/13	16:51:57.84			16.6190	42.0660				33.0					41.35	41.35	m i ke	BGR
50713009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50713009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	41.35		P	16:59:41.185		121.0		8.70		TAS		10.7	1.31	m_e mb	4.4

Event 50713004 Tajikistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/13	18:25:27.14			39.6460	69.6190				15.9	0.9		13		39.87	43.88	m i ke	BGR
OrigID 50713010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50713010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	43.88		P	18:33:31.835		80.9		8.19		TAS		3.9	0.85	m_e mb	4.2
BRG	39.87		P	18:32:58.640		80.9		8.19		TAS				m_e	
BSEG	41.79		P	18:33:13.283	-0.1	80.9		8.19		TAS				m_e	
BSEG	41.79		sP	18:33:19.765						T__				m_e	
CLL	40.41		P	18:33:02.900	-0.7	80.9		8.19		TAS		20.5	1.34	m_e mb	4.6
CLZ	41.98		P	18:33:15.812	-0.1	80.9		8.19		TAS				m_e	
FBE	40.24		P	18:33:01.712		80.9		8.19		TAS		10.0	0.70	m_e mb	4.6
FLT1	41.40		P	18:33:10.502	-0.2	80.9		8.19		TAS		8.5	0.74	m_e mb	4.6
GEC2	40.28		P	18:33:02.014	-0.7	80.9		8.19		TAS		9.8	0.97	m_e mb	4.4
GRA1	41.75		P	18:33:14.591	-0.1	80.9		8.19		TAS		16.0	0.90	m_e mb	4.7
GTTG	42.27		P	18:33:18.337		80.9		8.19		TAS		11.9	0.86	m_e mb	4.6
GTTG	42.27		sP	18:33:24.281						T__				m_e	
GUNZ	40.95		P	18:33:07.277	0.6	80.9		8.19		TAS		4.7	0.95	m_e mb	4.2
MANZ	41.14		P	18:33:09.180	0.4	80.9		8.19		TAS		3.4	0.92	m_e mb	4.1
MANZ	41.14		sP	18:33:15.725						T__				m_e	
MILB	42.97		P	18:33:24.301		80.9		8.19		TAS		8.7	0.93	m_e mb	4.5
MILB	42.97		sP	18:33:30.128						T__				m_e	
MOX	41.36		P	18:33:10.802	0.1	80.9		8.19		TAS		5.1	0.87	m_e mb	4.3
NEUB	41.20		P	18:33:09.203	0.7	80.9		8.19		TAS		8.7	0.86	m_e mb	4.5
NRDL	42.07		P	18:33:16.032		80.9		8.19		TAS		7.2	0.88	m_e mb	4.4
NRDL	42.07		sP	18:33:22.157						T__				m_e	
RJOB	41.06		P	18:33:08.206	-0.9	80.9		8.19		TAS		11.9	0.78	m_e mb	4.7
ROTZ	41.11		P	18:33:08.931	-0.9	80.9		8.19		TAS		2.0	0.91	m_e mb	3.8
TNS	43.43		P	18:33:28.021		80.9		8.19		TAS				m_e	
UBR	42.85		P	18:33:23.451		80.9		8.19		TAS		10.0	0.75	m_e mb	4.6
WET	40.77		P	18:33:06.062	-0.4	80.9		8.19		TAS		7.1	0.85	m_e mb	4.4

Event 50713005 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/13	23:22:03.73			31.4300	142.1300				44.2	2.4		19		84.14	90.48	m i ke	BGR
OrigID 50713011																	

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 50713011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	90.48		P	23:35:00.534		40.2		4.75		TAS		7.2	0.99	m_e	mb 4.9
BRG	86.18		P	23:34:39.881	-1.0	40.2		4.75		TAS				m_e	
BSEG	85.33		P	23:34:35.535	0.0	40.2		4.75		TAS		11.2	0.84	m_e	mb 5.1
BSEG	85.33		pP	23:34:48.892	-0.1					T__				m_e	
CLL	86.25		P	23:34:40.489	0.4	40.2		4.75		TAS		7.9	0.91	m_e	mb 4.8
CLZ	86.92		P	23:34:44.176	0.4	40.2		4.75		TAS		7.1	0.92	m_e	mb 4.8
FBE	86.40		P	23:34:41.518	0.5	40.2		4.75		TAS		4.5	0.90	m_e	mb 4.6
FLT1	86.20		P	23:34:39.762	-0.3	40.2		4.75		TAS		11.0	1.15	m_e	mb 4.9
FLT1	86.20		pP	23:34:52.718	-0.1					T__				m_e	
GEC2	87.79		P	23:34:47.695	0.4	40.2		4.75		TAS		1.1	0.79	m_e	mb 4.2
GTTG	87.31		P	23:34:45.969	0.4	40.2		4.75		TAS		4.4	0.79	m_e	mb 4.6
IBBN	87.56		P	23:34:46.693	-0.1	40.2		4.75		TAS		12.0	0.86	m_e	mb 5.2
KAST	88.18		P	23:34:49.965	0.3	40.2		4.75		TAS		2.8	0.83	m_e	mb 4.6
LNIZ	84.14		P	23:34:30.331	-0.2	40.2		4.75		TAS		22.8	0.93	m_e	mb 5.4
LNIZ	84.14		pP	23:34:43.478	-0.1					T__				m_e	
MANZ	87.62		P	23:34:47.094	-0.0	40.2		4.75		TAS		1.9	0.84	m_e	mb 4.4
MOX	87.33		P	23:34:45.743	-0.1	40.2		4.75		TAS		5.2	1.26	m_e	mb 4.5
NRDL	86.52		P	23:34:42.079	0.2	40.2		4.75		TAS				m_e	
NRDL	86.52		pP	23:34:54.300	-0.1					T__				m_e	
RJOB	89.02		P	23:34:53.878	-0.1	40.2		4.75		TAS		12.4	0.82	m_e	mb 5.2
ROTZ	87.75		P	23:34:47.695	-0.2	40.2		4.75		TAS		3.4	0.99	m_e	mb 4.6
UBR	90.24		P	23:34:59.448	-0.5	40.2		4.75		TAS		6.4	1.04	m_e	mb 4.8
WET	87.93		P	23:34:48.698	0.2	40.2		4.75		TAS				m_e	

Event 50714001 Off coast of Michoacan, Mexico

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/07/14 01:25:27.04 16.5000 -103.8370 33.0 92.82 92.82 m i ke BGR
 50714007

Magnitude Err Nsta Author OrigID
 mb 5.5 BGR 50714007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	92.82		P	01:38:35.799		293.4		4.59		TAS		34.2	1.60	m_e	mb 5.5

Event 50715002 Pakistan

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

2015/07/15 11:26:00.91 27.3560 65.8540 10.0 26 45.28 50.28 m i ke BGR
50715008

Magnitude Err Nsta Author OrigID
mb 5.5 BGR 50715008
Ms 4.5 BGR 50715008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	49.75		P	11:34:53.695		99.2		7.83		TAS		61.2	1.06	m_e	mb	5.5
BFO	48.77		P	11:34:44.444	0.2	99.2		7.83		TAS		13.6	1.08	m_e	mb	4.9
BRG	45.47		P	11:34:19.660	-0.3	99.2		7.83		TAS				m_e		
BSEG	48.22		P	11:34:40.900	0.5	99.2		7.83		TAS		27.6	1.01	m_e	mb	5.3
BUG	49.71		P	11:34:53.370		99.2		7.83		TAS		126.1	1.08	m_e	mb	5.8
CLL	46.14		P	11:34:25.094	1.4	99.2		7.83		TAS				m_e		
CLZ	47.84		P	11:34:38.821	-0.3	99.2		7.83		TAS		48.3	1.07	m_e	mb	5.6
FBE	45.85		P	11:34:22.713	-0.2	99.2		7.83		TAS		24.0	0.93	m_e	mb	5.2
FLT1	47.39		P	11:34:34.712	0.2	99.2		7.83		TAS		38.5	0.97	m_e	mb	5.5
GEC2	45.28		P	11:34:17.582	-0.5	99.2		7.83		TAS		16.4	0.86	m_e	mb	5.0
GRA1	47.01		P	11:34:31.871	0.1	99.2		7.83		TAS				m_e		
GRA1	47.01		L	11:58:22.683						T_		601.0	19.20	a_e	Ms	4.6
GTTG	48.05		P	11:34:40.315	0.1	99.2		7.83		TAS		52.5	0.95	m_e	mb	5.6
GUNZ	46.39		P	11:34:27.325	0.1	99.2		7.83		TAS				m_e		
IBBN	49.51		P	11:34:51.391		99.2		7.83		TAS		120.8	1.15	m_e	mb	5.7
KAST	48.97		P	11:34:47.330	0.2	99.2		7.83		TAS		11.6	0.95	m_e	mb	4.9
MANZ	46.48		P	11:34:27.899	1.4	99.2		7.83		TAS				m_e		
MILB	48.27		P	11:34:41.679	-0.3	99.2		7.83		TAS		49.2	1.08	m_e	mb	5.6
MOX	46.89		P	11:34:31.092	0.3	99.2		7.83		TAS		56.9	1.02	m_e	mb	5.6
MOX	46.89		L	11:59:21.516						T_		471.0	19.40	a_e	Ms	4.5
NEUB	46.88		P	11:34:31.352	-0.3	99.2		7.83		TAS		33.7	0.95	m_e	mb	5.5
NRDL	48.10		P	11:34:40.510	-1.2	99.2		7.83		TAS		37.1	1.05	m_e	mb	5.4
RJOB	45.73		P	11:34:21.089	0.0	99.2		7.83		TAS		82.3	0.77	m_e	mb	5.8
ROTZ	46.38		P	11:34:26.480	0.4	99.2		7.83		TAS				m_e		
STU	48.23		P	11:34:40.640	0.0	99.2		7.83		TAS		55.3	1.06	m_e	mb	5.6
TNS	48.85		P	11:34:46.191	0.4	99.2		7.83		TAS		54.9	1.03	m_e	mb	5.5
UBBA	47.93		P	11:34:39.211	-0.3	99.2		7.83		TAS				m_e		
UBR	47.53		P	11:34:34.729	-0.0	99.2		7.83		TAS		44.6	1.05	m_e	mb	5.5
WERD	46.42		P	11:34:27.674	1.4	99.2		7.83		TAS				m_e		
WERN	46.35		P	11:34:26.656	1.4	99.2		7.83		TAS				m_e		
WET	45.86		P	11:34:22.225	1.4	99.2		7.83		TAS				m_e		
WLF	50.28		P	11:34:57.527		99.2		7.83		TAS		80.5	1.10	m_e	mb	5.6

Event 50715003 Mozambique Channel
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/07/15 14:09:45.61 -18.7590 41.2200 10.0 73.15 73.15 m i ke BGR
50715009

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50715009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	73.15		P	14:21:14.976		139.6		6.59		TAS		25.7	0.94	m_e	mb 5.3

Event 50716001 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/16	01:14:58.66			41.0100	143.9300				46.7	1.0		28		75.86	82.76	m i ke	BGR
OrigID 50716007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50716007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	78.76		P	01:27:03.184	0.3	35.3		5.49		TAS				m_e	
BFO	82.76		P	01:27:24.351	0.3	35.3		5.49		TAS		5.5	0.83	m_e	mb 4.8
BRG	78.60		P	01:27:01.903	0.5	35.3		5.49		TAS		5.1	1.06	m_e	mb 4.5
BSEG	77.38		P	01:26:54.827		35.3		5.49		TAS		13.4	0.94	m_e	mb 5.1
CLL	78.60		P	01:27:02.051	0.5	35.3		5.49		TAS		9.2	0.86	m_e	mb 4.8
CLZ	79.10		P	01:27:04.851	0.3	35.3		5.49		TAS		8.4	0.77	m_e	mb 4.8
FBE	78.78		P	01:27:02.897	0.4	35.3		5.49		TAS		5.4	0.85	m_e	mb 4.6
FLT1	78.39		P	01:27:00.594	0.3	35.3		5.49		TAS		11.9	0.83	m_e	mb 5.1
FUR	81.82		P	01:27:19.407	0.3	35.3		5.49		TAS		18.3	0.90	m_e	mb 5.2
GEC2	80.34		P	01:27:11.481	0.5	35.3		5.49		TAS		3.0	0.86	m_e	mb 4.2
GRA1	80.58		P	01:27:12.670	0.4	35.3		5.49		TAS		16.0	0.93	m_e	mb 5.0
GUNZ	79.62		P	01:27:07.546	-6.0	35.3		5.49		TAS		3.6	0.77	m_e	mb 4.4
IBBN	79.59		P	01:27:07.398		35.3		5.49		TAS		13.5	0.85	m_e	mb 4.9
KAST	80.30		P	01:27:11.551	0.3	35.3		5.49		TAS		3.2	0.80	m_e	mb 4.3
LNIZ	76.40		P	01:26:49.922	0.3	35.3		5.49		TAS		9.0	0.81	m_e	mb 4.9
LNIZ	76.40		pP	01:27:02.991						T__				m_e	
MANZ	80.01		P	01:27:09.551	0.5	35.3		5.49		TAS		4.7	0.98	m_e	mb 4.4
MILB	81.16		P	01:27:15.784	0.3	35.3		5.49		TAS		6.3	0.90	m_e	mb 4.7
MOX	79.65		P	01:27:07.769	0.5	35.3		5.49		TAS		7.3	1.13	m_e	mb 4.5
NEUB	79.14		P	01:27:05.021	-0.2	35.3		5.49		TAS		10.3	0.82	m_e	mb 4.9
NRDL	78.65		P	01:27:02.126		35.3		5.49		TAS		4.9	0.84	m_e	mb 4.6
RGN	75.86		P	01:26:47.049	0.3	35.3		5.49		TAS				m_e	
RGN	75.86		pP	01:27:00.192						T__				m_e	
RJOB	81.59		P	01:27:18.366	0.3	35.3		5.49		TAS		37.5	0.85	m_e	mb 5.5
ROTZ	80.15		P	01:27:10.442	0.9	35.3		5.49		TAS		4.9	0.90	m_e	mb 4.4
TNS	81.12		P	01:27:15.849	0.3	35.3		5.49		TAS		11.3	1.20	m_e	mb 4.8
UBR	82.66		P	01:27:23.768	0.3	35.3		5.49		TAS		2.4	0.86	m_e	mb 4.4
UBR	82.66		pP	01:27:37.505						T__				m_e	
WERD	79.56		P	01:27:07.018	0.4	35.3		5.49		TAS		3.0	0.89	m_e	mb 4.2

WERN	79.66	P	01:27:07.769	0.5	35.3	5.49	TAS	5.8	0.94	m_e	mb	4.5
WET	80.41	P	01:27:12.150	0.7	35.3	5.49	TAS	7.3	0.92	m_e	mb	4.6

Event 50716002 South of Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/16	01:59:03.00			-25.2480	-175.6380				33.0			16		150.84	157.15	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
BRG	153.37		PKPbc	02:18:55.309	0.1	14.8		2.15		TAS				m_e	
BSEG	151.00		PKPbc	02:18:50.120	0.0	14.8		2.15		TAS				m_e	
CLL	153.15		PKPbc	02:18:54.702	0.0	14.8		2.15		TAS				m_e	
CLZ	153.05		PKPbc	02:18:54.434	-0.0	14.8		2.15		TAS				m_e	
FBE	153.45		PKPbc	02:18:55.457	0.1	14.8		2.15		TAS				m_e	
FLT1	152.46		PKPbc	02:18:53.018	-0.1	14.8		2.15		TAS				m_e	
GEC2	155.33		PKPbc	02:18:58.985	-0.5	14.8		2.15		TAS				m_e	
GRA1	155.02		PKPbc	02:18:58.678	0.0	14.8		2.15		TAS				m_e	
LNIZ	150.84		PKPbc	02:18:49.783	0.1	14.8		2.15		TAS				m_e	
MANZ	154.58		PKPbc	02:18:57.693	-0.0	14.8		2.15		TAS				m_e	
MILB	155.16		PKPbc	02:18:58.960	-0.1	14.8		2.15		TAS				m_e	
NRDL	152.44		PKPbc	02:18:53.049	-0.1	14.8		2.15		TAS				m_e	
RUE	151.89		PKPbc	02:18:52.074	0.1	14.8		2.15		TAS				m_e	
TNS	154.87		PKPbc	02:18:58.536	0.1	14.8		2.15		TAS				m_e	
UBR	157.15		PKPbc	02:19:03.485		14.8		2.15		TAS				m_e	
WET	155.23		PKPbc	02:18:59.300	0.1	14.8		2.15		TAS				m_e	

Event 50716003 North Atlantic Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/16	11:01:49.21			13.8770	-58.6150				10.0			23		63.25	68.36	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50716009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	63.99		P	11:12:19.158	0.3	263.4		6.33		TAS		35.3	1.32	m_e	mb	5.4
ASSE	66.46		P	11:12:34.375	-0.1	263.4		6.33		TAS		13.6	1.25	m_e	mb	5.0
BFO	64.45		P	11:12:21.249	-0.4	263.4		6.33		TAS				m_e		
BRG	68.36		P	11:12:46.491	-0.0	263.4		6.33		TAS		17.7	1.20	m_e	mb	5.2

BSEG	66.51	P	11:12:34.808	0.3	263.4	6.33	TAS	20.2	0.92	m_e	mb	5.3
BUG	64.26	P	11:12:20.168	-0.4	263.4	6.33	TAS			m_e		
CLL	67.80	P	11:12:42.813	-0.2	263.4	6.33	TAS	19.2	1.16	m_e	mb	5.2
FBE	67.99	P	11:12:44.399	0.2	263.4	6.33	TAS	26.5	1.48	m_e	mb	5.3
FLT1	66.83	P	11:12:36.322	-0.4	263.4	6.33	TAS	18.1	1.14	m_e	mb	5.2
GEC2	68.05	P	11:12:44.616	0.1	263.4	6.33	TAS	32.8	1.61	m_e	mb	5.3
GRA1	66.51	P	11:12:34.447	-0.3	263.4	6.33	TAS			m_e		
KAST	64.93	P	11:12:24.783	-0.0	263.4	6.33	TAS	28.2	1.71	m_e	mb	5.2
MANZ	67.11	P	11:12:39.062	0.5	263.4	6.33	TAS	25.2	1.35	m_e	mb	5.3
MOX	66.86	P	11:12:36.971	-0.1	263.4	6.33	TAS			m_e		
NRDL	66.17	P	11:12:32.788	0.2	263.4	6.33	TAS	56.2	1.76	m_e	mb	5.5
RJOB	67.37	P	11:12:40.072	0.0	263.4	6.33	TAS	112.3	1.80	m_e	mb	5.8
ROTZ	67.15	P	11:12:38.558	-0.3	263.4	6.33	TAS	21.6	1.51	m_e	mb	5.2
TNS	64.80	P	11:12:24.206	0.2	263.4	6.33	TAS	29.9	1.32	m_e	mb	5.4
UBBA	65.87	P	11:12:30.408	-0.3	263.4	6.33	TAS			m_e		
UBR	65.55	P	11:12:28.966	0.4	263.4	6.33	TAS	20.3	1.22	m_e	mb	5.2
WERN	67.31	P	11:12:40.144	0.3	263.4	6.33	TAS	12.2	1.24	m_e	mb	5.0
WET	67.53	P	11:12:41.010	-0.2	263.4	6.33	TAS	20.4	1.37	m_e	mb	5.2
WLF	63.25	P	11:12:14.254	0.1	263.4	6.33	TAS	28.8	1.42	m_e	mb	5.2

Event 50716005 North Atlantic Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/16	15:16:25.54			13.0200	-58.9700				5.0			38		64.11	69.63	m i ke	BGR
OrigID 50716011																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.3		BGR	50716011
MBB	6.5		BGR	50716011
Ms	6.0		BGR	50716011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	64.86	P		15:27:06.130	0.3	262.8		6.36		TAS		536.9	1.52	m_e	MBB 6.7
ASSE	67.34	P		15:27:21.930	0.3	262.8		6.36		TAS		243.3	1.63	a_e	MBB 6.3
BFO	65.31	P		15:27:08.550	-0.0	262.8		6.36		TAS		329.6	1.99	m_e	MBB 6.4
BRG	69.23	P		15:27:33.530	-0.1	262.8		6.36		TAS		295.3	1.57	a_e	MBB 6.5
BSEG	67.40	P		15:27:21.730	-0.1	262.8		6.36		TAS		438.6	1.54	a_e	MBB 6.7
BUG	65.14	P		15:27:07.430	-0.2	262.8		6.36		TAS		267.1	1.29	a_e	MBB 6.7
CLL	68.68	P		15:27:29.930	-0.2	262.8		6.36		TAS		303.5	1.54	a_e	MBB 6.5
CLZ	67.12	P		15:27:20.230	0.0	262.8		6.36		TAS		433.4	1.65	a_e	MBB 6.6
FBE	68.86	P		15:27:31.530	0.2	262.8		6.36		TAS		370.6	1.59	a_e	MBB 6.5
FLT1	67.71	P		15:27:23.680	-0.3	262.8		6.36		TAS		407.4	1.57	a_e	MBB 6.6
FUR	67.24	P		15:27:21.330	0.5	262.8		6.36		TAS		404.1	1.72	a_e	MBB 6.6
GEC2	68.91	P		15:27:31.430	-0.1	262.8		6.36		TAS		239.1	1.34	a_e	MBB 6.5
GRA1	67.37	P		15:27:21.780	-0.0	262.8		6.36		TAS		291.5	1.43	a_e	MBB 6.5
GRA1	67.37	L		15:50:17.204						T__		7089.8	21.10	a_e	Ms 5.9

GTTG	66.82	P	15:27:18.380	0.0	262.8	6.36	TAS	265.5	1.34	a_e	MBB	6.5
GUNZ	68.16	P	15:27:26.880	0.0	262.8	6.36	TAS	211.2	1.92	a_e	MBB	6.2
HLG	66.03	P	15:27:13.030	0.0	262.8	6.36	TAS	927.8	1.76	a_e	MBB	6.8
IBBN	65.60	P	15:27:10.430	-0.1	262.8	6.36	TAS	703.5	1.53	a_e	MBB	6.9
KAST	65.81	P	15:27:11.680	-0.2	262.8	6.36	TAS	204.6	1.46	a_e	MBB	6.4
LNIZ	69.63	P	15:27:35.980	-0.2	262.8	6.36	TAS	547.5	1.63	a_e	MBB	6.7
MANZ	67.98	P	15:27:25.880	0.2	262.8	6.36	TAS	363.7	1.52	a_e	MBB	6.6
MILB	66.15	P	15:27:13.730	-0.3	262.8	6.36	TAS	219.4	1.80	a_e	MBB	6.4
MOX	67.74	P	15:27:24.080	-0.1	262.8	6.36	TAS	299.6	2.22	a_e	MBB	6.3
MOX	67.74	L	15:53:44.267				T__	9931.4	19.40	a_e	Ms	6.0
NEUB	67.90	P	15:27:25.080	-0.1	262.8	6.36	TAS	152.6	1.29	a_e	MBB	6.5
NRDL	67.05	P	15:27:20.080	0.3	262.8	6.36	TAS	388.4	1.40	a_e	MBB	6.7
PLN	68.06	P	15:27:26.080	-0.2	262.8	6.36	TAS	103.8	1.18	a_e	MBB	6.3
RGN	69.23	P	15:27:33.580	0.2	262.8	6.36	TAS	422.6	1.49	a_e	MBB	6.7
RJOB	68.22	P	15:27:27.130	0.1	262.8	6.36	TAS	712.8	1.74	a_e	MBB	6.9
ROTZ	68.02	P	15:27:25.930	0.0	262.8	6.36	TAS	170.5	1.33	a_e	MBB	6.4
RUE	69.28	P	15:27:33.630	-0.3	262.8	6.36	TAS	239.6	1.18	a_e	MBB	6.6
SKMB	67.02	P	15:27:19.830	0.6	262.8	6.36	TAS	1061.0	1.52	a_e	MBB	7.0
STU	65.94	P	15:27:12.230	-0.4	262.8	6.36	TAS	376.1	1.65	a_e	MBB	6.5
TNS	65.67	P	15:27:11.080	0.1	262.8	6.36	TAS	591.9	1.71	a_e	MBB	6.6
UBBA	66.74	P	15:27:17.830	0.0	262.8	6.36	TAS	207.1	1.77	a_e	MBB	6.4
UBR	66.41	P	15:27:15.886	0.4	262.8	6.36	TAS	197.0	1.47	m_e	MBB	6.5
WERD	68.15	P	15:27:26.680	-0.1	262.8	6.36	TAS	127.9	1.32	a_e	MBB	6.2
WERN	68.18	P	15:27:27.130	0.2	262.8	6.36	TAS	191.1	1.51	a_e	MBB	6.3
WET	68.39	P	15:27:28.230	-0.0	262.8	6.36	TAS	256.8	1.52	a_e	MBB	6.4
WLF	64.11	P	15:27:00.880	-0.2	262.8	6.36	TAS	428.2	1.57	a_e	MBB	6.6

Event 50716006 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/16	20:42:44.32			-19.4270	171.8040				33.0					146.04	146.04	m i ke	BGR
50716012																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	146.04		PKPbc	21:02:20.169			27.8	3.84		TAS					m_e

Event 50717003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/17	18:49:49.06			-19.5900	-177.3200				530.0				37	144.56	151.34	m i ke	BGR
50717009																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	148.92		PKPdf	19:08:32.820	0.4	14.7		2.85		TAS					m_e	
AHRW	148.92		PKPbc	19:08:36.777	-0.1	14.7		2.85		TAS					m_e	
ASSE	146.93		PKPdf	19:08:29.735	-0.1	14.7		2.85		TAS					m_e	
BFO	150.97		PKPdf	19:08:36.125		14.7		2.85		TAS					m_e	
BFO	150.97		PKPbc	19:08:41.832		14.7		2.85		TAS					m_e	
BRG	147.53		PKPdf	19:08:30.832	-0.1	14.7		2.85		TAS					m_e	
BRG	147.53		PKPbc	19:08:32.941	0.3	14.7		2.85		TAS					m_e	
BSEG	145.22		PKPbc	19:08:25.494	-0.2	14.7		2.85		TAS					m_e	
BUG	148.01		PKPdf	19:08:31.384	0.3	14.7		2.85		TAS					m_e	
CLL	147.32		PKPdf	19:08:30.307	-0.1	14.7		2.85		TAS					m_e	
CLL	147.32		PKPbc	19:08:32.228	0.3	14.7		2.85		TAS					m_e	
CLZ	147.25		PKPdf	19:08:30.497	0.0	14.7		2.85		TAS					m_e	
FBE	147.61		PKPdf	19:08:31.238	0.1	14.7		2.85		TAS					m_e	
FBE	147.61		PKPbc	19:08:33.575	0.5	14.7		2.85		TAS					m_e	
FLT1	146.65		PKPdf	19:08:29.253	0.3	14.7		2.85		TAS					m_e	
FUR	150.66		PKPdf	19:08:35.784		14.7		2.85		TAS					m_e	
FUR	150.66		PKPbc	19:08:41.070		14.7		2.85		TAS					m_e	
GEC2	149.49		PKPdf	19:08:33.835		14.7		2.85		TAS					m_e	
GEC2	149.49		PKPbc	19:08:38.101		14.7		2.85		TAS					m_e	
GRA1	149.20		PKPdf	19:08:33.560	-0.6	14.7		2.85		TAS					m_e	
GRA1	149.20		PKPbc	19:08:37.744	-0.6	14.7		2.85		TAS					m_e	
GTTG	147.60		PKPdf	19:08:31.085	-0.3	14.7		2.85		TAS					m_e	
GUNZ	148.35		PKPdf	19:08:32.339	0.1	14.7		2.85		TAS					m_e	
GUNZ	148.35		PKPbc	19:08:35.417	-0.2	14.7		2.85		TAS					m_e	
HLG	145.24		PKPbc	19:08:25.995	-0.5	14.7		2.85		TAS					m_e	
IBBN	147.11		PKPdf	19:08:29.899	-0.3	14.7		2.85		TAS					m_e	
KAST	148.13		PKPdf	19:08:31.785	0.1	14.7		2.85		TAS					m_e	
KAST	148.13		PKPbc	19:08:34.635	0.1	14.7		2.85		TAS					m_e	
LNIZ	145.01		PKPbc	19:08:24.708	-0.2	14.7		2.85		TAS					m_e	
MANZ	148.75		PKPdf	19:08:32.799	-0.1	14.7		2.85		TAS					m_e	
MANZ	148.75		PKPbc	19:08:36.425	0.3	14.7		2.85		TAS					m_e	
MILB	149.37		PKPdf	19:08:33.767	-0.1	14.7		2.85		TAS					m_e	
MILB	149.37		PKPbc	19:08:38.106	-0.8	14.7		2.85		TAS					m_e	
MOX	148.21		PKPdf	19:08:31.764	-0.3	14.7		2.85		TAS					m_e	
MOX	148.21		PKPbc	19:08:34.836	0.2	14.7		2.85		TAS					m_e	
NEUB	147.66		PKPdf	19:08:30.898	0.3	14.7		2.85		TAS					m_e	
NEUB	147.66		PKPbc	19:08:33.299	0.4	14.7		2.85		TAS					m_e	
NRDL	146.65		PKPdf	19:08:29.085		14.7		2.85		TAS					m_e	
NRDL	146.65		PKPbc	19:08:30.206	0.2	14.7		2.85		TAS					m_e	
PLN	148.26		PKPdf	19:08:31.882	-0.2	14.7		2.85		TAS					m_e	
PLN	148.26		PKPbc	19:08:35.021	0.3	14.7		2.85		TAS					m_e	
RJOB	150.74		PKPdf	19:08:35.297		14.7		2.85		TAS					m_e	
RJOB	150.74		PKPbc	19:08:41.126		14.7		2.85		TAS					m_e	
ROTZ	148.94		PKPdf	19:08:32.853	0.5	14.7		2.85		TAS					m_e	
ROTZ	148.94		PKPbc	19:08:36.856	-0.5	14.7		2.85		TAS					m_e	

RUE	146.06	PKPbc	19:08:28.248	0.1	14.7	2.85	TAS	m_e
SKMB	144.56	PKPbc	19:08:23.668	-0.8	14.7	2.85	TAS	m_e
STU	150.42	PKPdf	19:08:35.711		14.7	2.85	TAS	m_e
STU	150.42	PKPbc	19:08:40.656		14.7	2.85	TAS	m_e
TNS	149.09	PKPdf	19:08:33.447	0.1	14.7	2.85	TAS	m_e
TNS	149.09	PKPbc	19:08:37.407	-0.8	14.7	2.85	TAS	m_e
UBBA	148.30	PKPdf	19:08:31.713	0.1	14.7	2.85	TAS	m_e
UBR	151.34	PKPdf	19:08:36.711		14.7	2.85	TAS	m_e
UBR	151.34	PKPbc	19:08:42.635		14.7	2.85	TAS	m_e
WERD	148.27	PKPdf	19:08:32.089	0.2	14.7	2.85	TAS	m_e
WERD	148.27	PKPbc	19:08:35.107	0.3	14.7	2.85	TAS	m_e
WERN	148.41	PKPdf	19:08:32.446	0.0	14.7	2.85	TAS	m_e
WERN	148.41	PKPbc	19:08:35.570	-0.3	14.7	2.85	TAS	m_e
WET	149.40	PKPdf	19:08:33.777	-0.1	14.7	2.85	TAS	m_e
WET	149.40	PKPbc	19:08:37.821		14.7	2.85	TAS	m_e
WLF	149.87	PKPdf	19:08:35.074		14.7	2.85	TAS	m_e
WLF	149.87	PKPbc	19:08:39.803		14.7	2.85	TAS	m_e

Event 50724003 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/24	09:58:16.45			35.0200	28.3800				150.0			33		17.56	22.70	m i ke	BGR
50724009																	

Magnitude Err Nsta Author OrigID
 mb 5.2 BGR 50724009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	21.91		P	10:02:57.941	2.5	134.4		10.77		TAS		93.0	0.81	m_e mb	5.3
ASSE	21.28		P	10:02:50.541	-0.7	134.4		10.77		TAS		64.8	1.11	m_e mb	4.9
BFO	19.95		P	10:02:36.932	1.8	134.4		10.77		TAS				m_e	
BRG	18.99		P	10:02:26.596	0.4	134.4		10.77		TAS		81.3	1.80	m_e mb	4.7
BUG	22.37		P	10:03:02.110	-1.3	134.4		10.77		TAS		48.8	0.89	m_e mb	4.9
CLL	19.70		P	10:02:34.296	0.3	134.4		10.77		TAS		97.6	0.77	m_e mb	5.1
CLZ	21.20		P	10:02:49.929	-0.8	134.4		10.77		TAS		110.8	0.88	m_e mb	5.2
FBE	19.26		P	10:02:29.879	0.6	134.4		10.77		TAS		104.9	0.83	m_e mb	5.1
FLT1	21.19		P	10:02:49.368	-0.8	134.4		10.77		TAS		117.3	0.90	m_e mb	5.2
FUR	18.28		P	10:02:18.120	-0.4	134.4		10.77		TAS		158.5	0.56	m_e mb	5.4
GEC2	17.56		P	10:02:10.219	-1.3	134.4		10.77		TAS		132.6	0.98	m_e mb	5.0
GRA1	19.32		P	10:02:29.746	-0.6	134.4		10.77		TAS		83.1	1.03	m_e mb	4.9
GTTG	21.18		P	10:02:50.058	-0.7	134.4		10.77		TAS		291.5	0.88	m_e mb	5.6
GUNZ	19.28		P	10:02:30.004	0.1	134.4		10.77		TAS		89.7	0.78	m_e mb	5.1
IBBN	22.70		P	10:03:05.439		134.4		10.77		TAS		66.5	1.01	m_e mb	5.1
KAST	21.66		P	10:02:54.850	1.6	134.4		10.77		TAS		70.6	0.92	m_e mb	5.1
MANZ	19.11		P	10:02:27.569	-0.6	134.4		10.77		TAS		173.7	1.21	m_e mb	5.2
MILB	20.35		P	10:02:41.261	0.2	134.4		10.77		TAS		239.0	0.70	m_e mb	5.5

MOX	19.80	P	10:02:35.426	-0.1	134.4	10.77	TAS	118.2	1.84	m_e	mb	4.8
NEUB	20.13	P	10:02:39.089	0.1	134.4	10.77	TAS	206.8	0.87	m_e	mb	5.4
NRDL	21.79	P	10:02:55.994	0.3	134.4	10.77	TAS	65.2	1.35	m_e	mb	4.9
PLN	19.45	P	10:02:31.607	-0.1	134.4	10.77	TAS	162.1	0.91	m_e	mb	5.2
RGN	22.17	P	10:03:00.169	-0.9	134.4	10.77	TAS	160.5	0.89	m_e	mb	5.5
ROTZ	18.91	P	10:02:25.033	-0.9	134.4	10.77	TAS	167.5	1.01	m_e	mb	5.2
RUE	20.32	P	10:02:40.926	1.5	134.4	10.77	TAS	204.1	1.17	m_e	mb	5.2
STU	19.74	P	10:02:34.473	0.7	134.4	10.77	TAS			m_e		
TNS	21.02	P	10:02:48.242	-0.0	134.4	10.77	TAS	164.8	0.72	m_e	mb	5.5
UBBA	20.66	P	10:02:43.904	-0.9	134.4	10.77	TAS	30.7	0.77	m_e	mb	4.7
UBR	18.60	P	10:02:22.390	1.4	134.4	10.77	TAS	204.7	0.69	m_e	mb	5.5
WERD	19.35	P	10:02:30.677	-0.0	134.4	10.77	TAS	141.6	0.79	m_e	mb	5.3
WERN	19.21	P	10:02:29.513	0.4	134.4	10.77	TAS	103.9	0.74	m_e	mb	5.1
WET	18.16	P	10:02:16.966	-0.9	134.4	10.77	TAS	145.6	1.19	m_e	mb	5.0
WLF	21.89	P	10:02:57.796	-0.7	134.4	10.77	TAS	111.4	1.09	m_e	mb	5.2

Event 50724005 Southern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/24	13:24:07.57			39.4400	75.8400				22.0	0.7		19		43.89	46.22	m i ke	BGR
OrigID 50724011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50724011
Ms	4.2		BGR	50724011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	43.89		P	13:32:12.201	0.3	78.4		8.04		TAS		11.8	0.92	m_e	mb	4.6
BRG	43.89		pP	13:32:18.153	0.4	78.8		7.91		TAS				m_e		
BSEG	45.58		P	13:32:25.975	-0.2	78.4		8.04		TAS		18.9	0.92	m_e	mb	5.1
BSEG	45.58		pP	13:32:31.805		78.8		7.91		TAS				m_e		
CLL	44.40		P	13:32:15.842	-0.1	78.4		8.04		TAS		8.1	0.74	m_e	mb	4.5
CLL	44.40		pP	13:32:21.875	-0.0	78.8		7.91		TAS				m_e		
CLZ	45.92		P	13:32:28.135		78.4		8.04		TAS		7.9	0.90	m_e	mb	4.7
CLZ	45.92		pP	13:32:34.023		78.8		7.91		TAS				m_e		
FBE	44.25		P	13:32:15.301	0.1	78.4		8.04		TAS		17.1	0.80	m_e	mb	4.8
FBE	44.25		pP	13:32:21.178	0.1	78.8		7.91		TAS				m_e		
FLT1	45.30		P	13:32:22.674	0.3	78.4		8.04		TAS		13.7	0.72	m_e	mb	5.0
FLT1	45.30		pP	13:32:28.528	0.2	78.8		7.91		TAS				m_e		
FUR	46.16		P	13:32:30.149		78.4		8.04		TAS		24.3	0.79	m_e	mb	5.3
GEC2	44.43		P	13:32:16.389	-0.1	78.4		8.04		TAS		8.2	0.94	m_e	mb	4.4
GEC2	44.43		pP	13:32:22.323	-0.2	78.8		7.91		TAS				m_e		
GRA1	45.84		P	13:32:27.787		78.4		8.04		TAS		17.7	1.07	m_e	mb	5.0
GRA1	45.84		L	13:54:54.801						T_		229.9	21.30	a_e	Ms	4.1
GTTG	46.22		P	13:32:30.609		78.4		8.04		TAS		18.1	0.77	m_e	mb	5.2
GTTG	46.22		pP	13:32:36.637		78.8		7.91		TAS				m_e		

GUNZ	45.00	P	13:32:20.895	-0.4	78.4	8.04	TAS	8.0	0.88	m_e	mb	4.7
GUNZ	45.00	pP	13:32:26.814	0.1	78.8	7.91	TAS			m_e		
MANZ	45.21	P	13:32:22.696	0.1	78.4	8.04	TAS	4.6	0.96	m_e	mb	4.4
MANZ	45.21	pP	13:32:28.621	0.8	78.8	7.91	TAS			m_e		
MOX	45.39	P	13:32:23.782	0.3	78.4	8.04	TAS	7.4	1.03	m_e	mb	4.6
MOX	45.39	pP	13:32:29.748	0.0	78.8	7.91	TAS			m_e		
MOX	45.39	L	13:54:37.345				T__	350.8	19.50	a_e	Ms	4.3
NEUB	45.18	P	13:32:22.160	-0.2	78.4	8.04	TAS	13.9	0.82	m_e	mb	4.9
NEUB	45.18	pP	13:32:28.277	-0.2	78.8	7.91	TAS			m_e		
NRDL	45.95	P	13:32:28.781		78.4	8.04	TAS	14.9	1.00	m_e	mb	5.0
NRDL	45.95	pP	13:32:34.566		78.8	7.91	TAS			m_e		
ROTZ	45.20	P	13:32:22.588	0.9	78.4	8.04	TAS	6.1	1.02	m_e	mb	4.5
ROTZ	45.20	pP	13:32:28.619	-0.2	78.8	7.91	TAS			m_e		
WERD	45.00	P	13:32:20.828	-0.7	78.4	8.04	TAS	11.3	1.15	m_e	mb	4.7
WERD	45.00	pP	13:32:26.704	-0.1	78.8	7.91	TAS			m_e		
WERN	44.98	pP	13:32:26.539	0.3	78.8	7.91	TAS			m_e		
WET	44.90	P	13:32:20.095	0.1	78.4	8.04	TAS	6.8	0.92	m_e	mb	4.6
WET	44.90	pP	13:32:25.938	-0.1	78.8	7.91	TAS			m_e		

Event 50725003 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/25	19:03:08.67			-15.6060	-175.8130				350.0			22		143.69	147.65	m i ke	BGR
	50725009																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.19		PKPbc	19:22:10.652	0.4	12.0		3.05		TAS				m_e	
BRG	143.95		PKPbc	19:22:00.717	-0.0	12.0		3.05		TAS				m_e	
BUG	144.17		PKPbc	19:22:01.539		12.0		3.05		TAS				m_e	
CLL	143.69		PKPbc	19:21:59.595	-0.1	12.0		3.05		TAS				m_e	
FBE	144.01		PKPbc	19:22:01.348	-0.3	12.0		3.05		TAS				m_e	
FUR	147.01		PKPbc	19:22:10.198	-0.1	12.0		3.05		TAS				m_e	
GEC2	145.95		PKPbc	19:22:07.099	-0.1	12.0		3.05		TAS				m_e	
GTTG	143.85		PKPbc	19:22:00.787	-0.4	12.0		3.05		TAS				m_e	
GUNZ	144.71		PKPbc	19:22:03.663	0.1	12.0		3.05		TAS				m_e	
KAST	144.33		PKPbc	19:22:02.260		12.0		3.05		TAS				m_e	
MANZ	145.11		PKPbc	19:22:04.785	0.5	12.0		3.05		TAS				m_e	
MILB	145.62		PKPbc	19:22:06.328	0.2	12.0		3.05		TAS				m_e	
MOX	144.54		PKPbc	19:22:02.751	-0.6	12.0		3.05		TAS				m_e	
NEUB	143.98		PKPbc	19:22:00.787	0.1	12.0		3.05		TAS				m_e	
PLN	144.62		PKPbc	19:22:03.102	0.2	12.0		3.05		TAS				m_e	
ROTZ	145.31		PKPbc	19:22:05.416	0.0	12.0		3.05		TAS				m_e	
STU	146.67		PKPbc	19:22:09.315	-0.3	12.0		3.05		TAS				m_e	
UBBA	144.56		PKPbc	19:22:02.821	0.4	12.0		3.05		TAS				m_e	

UBR	147.65	PKPbc	19:22:11.883	-0.3	12.0	3.05	TAS	m_e
WERD	144.63	PKPbc	19:22:03.172	-0.3	12.0	3.05	TAS	m_e
WERN	144.78	PKPbc	19:22:04.013	0.1	12.0	3.05	TAS	m_e
WLF	146.00	PKPbc	19:22:08.002		12.0	3.05	TAS	m_e

Event 50725005 Southern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/25	19:57:29.13			59.9450	-154.0540				100.0					70.07	70.07	m i ke	BGR
OrigID 50725011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50725011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	70.07		P	20:08:28.187		349.7		5.64		TAS		10.7	0.95	m_e mb	4.9

Event 50726005 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/26	22:42:22.66			-17.5630	-173.6510				33.0				10	145.02	149.81	m i ke	BGR
OrigID 50726011																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.5		BGR	50726011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.34		PKPbc	23:01:55.838	-0.1	8.7		2.83		TAS				m_e	
BFO	149.27		PKPbc	23:02:06.988		8.7		2.83		TAS				m_e	
BRG	146.22		PKPbc	23:01:58.509	0.3	8.7		2.83		TAS				m_e	
BUG	146.19		PKPbc	23:01:58.686	0.5	8.7		2.83		TAS				m_e	
CLL	145.92		PKPbc	23:01:57.501	0.0	8.7		2.83		TAS				m_e	
CLZ	145.65		PKPbc	23:01:57.182	0.3	8.7		2.83		TAS				m_e	
FBE	146.25		PKPbc	23:01:58.951	0.1	8.7		2.83		TAS				m_e	
FLT1	145.09		PKPbc	23:01:55.212	0.0	8.7		2.83		TAS				m_e	
FUR	149.22		PKPbc	23:02:06.877		8.7		2.83		TAS				m_e	
GEC2	148.23		PKPbc	23:02:04.206		8.7		2.83		TAS				m_e	
GRA1	147.71		PKPbc	23:02:03.284		8.7		2.83		TAS				m_e	
GRA1	147.71		L	00:20:12.463						T__		925.6	21.50	a_e Ms	5.5
GTTG	145.97		PKPbc	23:01:58.067	0.3	8.7		2.83		TAS				m_e	
IBBN	145.31		PKPbc	23:01:55.717	-0.1	8.7		2.83		TAS				m_e	
KAST	146.40		PKPbc	23:01:59.216	0.3	8.7		2.83		TAS				m_e	
MANZ	147.32		PKPbc	23:02:01.958		8.7		2.83		TAS				m_e	

MILB	147.73	PKPbc	23:02:02.930	8.7	2.83	TAS											m_e
MOX	146.73	L	00:13:07.697			T__						1002.7	22.00	a_e	Ms		5.6
NEUB	146.17	PKPbc	23:01:58.420	0.1	8.7	TAS											m_e
NRDL	145.02	PKPbc	23:01:55.074	0.2	8.7	TAS											m_e
ROTZ	147.53	PKPbc	23:02:02.577	8.7	2.83	TAS											m_e
STU	148.79	PKPbc	23:02:06.024	8.7	2.83	TAS											m_e
TNS	147.38	PKPbc	23:02:02.046	8.7	2.83	TAS											m_e
UBR	149.81	PKPbc	23:02:08.239	8.7	2.83	TAS											m_e
WET	148.06	PKPbc	23:02:03.510	8.7	2.83	TAS											m_e
WLF	147.98	PKPbc	23:02:04.276	8.7	2.83	TAS											m_e

Event 50726006 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/26	23:20:34.77			-22.6200	-178.8100				599.9			23		147.62	153.99	m i ke	BGR
	50726012																

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	151.75		PKPbc	23:39:22.262	-0.1	18.5		2.31		TAS					m_e
ASSE	149.65		PKPbc	23:39:17.371	0.3	18.5		2.31		TAS					a_e
BFO	153.72		PKPbc	23:39:26.371		18.5		2.31		TAS					a_e
BFO	153.72		PKPab	23:39:40.645		17.2		4.21		TAS					m_e
BRG	150.09		PKPbc	23:39:18.521	0.1	18.5		2.31		TAS					a_e
BRG	150.09		PKPab	23:39:25.717	0.2	17.2		4.21		TAS					m_e
BSEG	147.98		PKPbc	23:39:13.171	-0.2	18.5		2.31		TAS					a_e
BSEG	147.98		PKPab	23:39:16.900	-0.4	17.2		4.21		TAS					m_e
BUG	150.85		PKPbc	23:39:19.971	0.1	18.5		2.31		TAS					a_e
CLL	149.93		PKPbc	23:39:17.921	0.4	18.5		2.31		TAS					a_e
CLL	149.93		PKPab	23:39:24.740	-0.0	17.2		4.21		TAS					m_e
CLZ	149.98		PKPbc	23:39:18.421	0.2	18.5		2.31		TAS					a_e
CLZ	149.98		PKPab	23:39:25.352	-0.1	17.2		4.21		TAS					m_e
FBE	150.20		PKPbc	23:39:19.071	-0.3	18.5		2.31		TAS					a_e
FBE	150.20		PKPab	23:39:26.432	0.7	17.2		4.21		TAS					m_e
FLT1	149.35		PKPbc	23:39:16.371	-0.1	18.5		2.31		TAS					a_e
FLT1	149.35		PKPab	23:39:21.986	-0.3	17.2		4.21		TAS					m_e
FLT1	149.35		pPKPbc	23:41:34.146						T__					m_e
FUR	153.27		PKPbc	23:39:25.490		18.5		2.31		TAS					m_e
FUR	153.27		PKPab	23:39:39.244		17.2		4.21		TAS					m_e
GEC2	152.00		PKPbc	23:39:22.721	-0.1	18.5		2.31		TAS					a_e
GEC2	152.00		PKPab	23:39:33.939		17.2		4.21		TAS					m_e
GRA1	151.85		PKPbc	23:39:22.498	0.0	18.5		2.31		TAS					m_e
GRA1	151.85		PKPab	23:39:33.339		17.2		4.21		TAS					m_e
GTTG	150.33		PKPbc	23:39:19.071	0.1	18.5		2.31		TAS					a_e
GUNZ	150.96		PKPbc	23:39:20.721	0.1	18.5		2.31		TAS					a_e

GUNZ	150.96	PKPab	23:39:29.635	0.1	17.2	4.21	TAS	m_e
IBBN	149.94	PKPbc	23:39:18.071	0.0	18.5	2.31	TAS	a_e
KAST	150.92	PKPbc	23:39:20.371	0.3	18.5	2.31	TAS	a_e
LNIZ	147.62	PKPbc	23:39:12.321	-0.2	18.5	2.31	TAS	a_e
LNIZ	147.62	PKPab	23:39:15.516	-0.2	17.2	4.21	TAS	m_e
MANZ	151.37	PKPbc	23:39:21.471	0.1	18.5	2.31	TAS	a_e
MILB	152.10	PKPbc	23:39:23.021	-0.2	18.5	2.31	TAS	a_e
MOX	150.86	PKPbc	23:39:20.221	0.1	18.5	2.31	TAS	m_e
MOX	150.86	PKPab	23:39:28.534	-0.0	17.2	4.21	TAS	m_e
NEUB	150.31	PKPbc	23:39:18.921	0.1	18.5	2.31	TAS	a_e
NEUB	150.31	PKPab	23:39:26.232	-0.1	17.2	4.21	TAS	m_e
NRDL	149.40	PKPbc	23:39:16.771	-0.1	18.5	2.31	TAS	a_e
PLN	150.89	PKPbc	23:39:20.321	-0.1	18.5	2.31	TAS	a_e
PLN	150.89	PKPab	23:39:29.035	-0.1	17.2	4.21	TAS	m_e
ROTZ	151.55	PKPbc	23:39:21.771	0.1	18.5	2.31	TAS	a_e
ROTZ	151.55	PKPab	23:39:32.611		17.2	4.21	TAS	m_e
RUE	148.66	PKPbc	23:39:14.871	0.1	18.5	2.31	TAS	a_e
RUE	148.66	PKPab	23:39:19.553	0.3	17.2	4.21	TAS	m_e
STU	153.14	PKPbc	23:39:25.271	-0.4	18.5	2.31	TAS	a_e
STU	153.14	PKPab	23:39:38.343		17.2	4.21	TAS	m_e
TNS	151.87	PKPbc	23:39:22.592	-0.3	18.5	2.31	TAS	m_e
TNS	151.87	PKPab	23:39:32.838		17.2	4.21	TAS	m_e
UBBA	151.03	PKPbc	23:39:20.343	0.0	18.5	2.31	TAS	m_e
UBR	153.99	PKPbc	23:39:26.934		18.5	2.31	TAS	m_e
WERD	150.89	PKPbc	23:39:20.371	0.5	18.5	2.31	TAS	a_e
WERD	150.89	PKPab	23:39:29.035	0.0	17.2	4.21	TAS	m_e
WERN	151.03	PKPbc	23:39:21.021	-0.1	18.5	2.31	TAS	a_e
WERN	151.03	PKPab	23:39:30.389		17.2	4.21	TAS	m_e
WET	151.96	PKPbc	23:39:22.724	0.5	18.5	2.31	TAS	m_e
WET	151.96	PKPab	23:39:33.839		17.2	4.21	TAS	m_e
WLF	152.73	PKPbc	23:39:25.095	-0.3	18.5	2.31	TAS	m_e
WLF	152.73	PKPab	23:39:36.641		17.2	4.21	TAS	m_e

Event 50727001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/26	23:52:23.10			-18.2200	-174.2800				33.0					148.29	148.29	m i ke	EMSC
	50727033																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	148.29		PKPdf	00:12:05.315		10.0		1.66		TAS					m_e

Event 50727003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/27	02:31:20.23			-19.3100	-176.8800				250.0			22		145.00	150.75	m i ke	BGR
OrigID 50727009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.75		PKPbc	02:50:41.914		10.9		2.77		TAS					m_e
BFO	150.75		PKPab	02:50:48.956		11.2		4.07		TAS					m_e
BRG	147.36		PKPbc	02:50:33.821	0.1	10.9		2.77		TAS					m_e
BSEG	145.00		PKPbc	02:50:26.254	0.4	10.9		2.77		TAS					m_e
CLL	147.13		PKPbc	02:50:32.853	0.1	10.9		2.77		TAS					m_e
CLZ	147.04		PKPbc	02:50:32.823	0.0	10.9		2.77		TAS					m_e
FBE	147.43		PKPbc	02:50:34.328	0.0	10.9		2.77		TAS					m_e
FLT1	146.44		PKPbc	02:50:30.502	0.1	10.9		2.77		TAS					m_e
GEC2	149.32		PKPbc	02:50:39.064		10.9		2.77		TAS					m_e
GEC2	149.32		PKPab	02:50:43.758		11.2		4.07		TAS					m_e
GRA1	149.00		PKPbc	02:50:38.580		10.9		2.77		TAS					m_e
GUNZ	148.16		PKPbc	02:50:35.918		10.9		2.77		TAS					m_e
GUNZ	148.16		PKPab	02:50:38.974		11.2		4.07		TAS					m_e
IBBN	146.87		PKPbc	02:50:32.174	0.1	10.9		2.77		TAS					m_e
MANZ	148.56		PKPbc	02:50:36.967		10.9		2.77		TAS					m_e
MILB	149.15		PKPbc	02:50:38.177		10.9		2.77		TAS					m_e
MILB	149.15		PKPab	02:50:41.896		11.2		4.07		TAS					m_e
MOX	148.01		PKPbc	02:50:35.386	-0.1	10.9		2.77		TAS					m_e
MOX	148.01		PKPab	02:50:38.080		11.2		4.07		TAS					m_e
NEUB	147.46		PKPbc	02:50:33.821	0.1	10.9		2.77		TAS					m_e
PLN	148.07		PKPbc	02:50:35.577	0.2	10.9		2.77		TAS					m_e
ROTZ	148.75		PKPbc	02:50:37.612		10.9		2.77		TAS					m_e
ROTZ	148.75		PKPab	02:50:41.410		11.2		4.07		TAS					m_e
RUE	145.87		PKPbc	02:50:29.304	-0.1	10.9		2.77		TAS					m_e
TNS	148.87		PKPbc	02:50:37.451		10.9		2.77		TAS					m_e
WERD	148.08		PKPbc	02:50:35.676	-0.7	10.9		2.77		TAS					m_e
WERD	148.08		PKPab	02:50:38.419		11.2		4.07		TAS					m_e
WET	149.22		PKPbc	02:50:38.865		10.9		2.77		TAS					m_e
WET	149.22		PKPab	02:50:43.698		11.2		4.07		TAS					m_e
WLF	149.62		PKPbc	02:50:39.709		10.9		2.77		TAS					m_e
WLF	149.62		PKPab	02:50:44.558		11.2		4.07		TAS					m_e

Event 50727004 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/27	04:49:45.81			52.7900	-169.5700				10.0	0.3		36		72.86	79.91	m i ke	BGR
OrigID																	

50727010

Magnitude	Err	Nsta	Author	OrigID
mb	6.4		BGR	50727010
MBB	6.7		BGR	50727010
Ms	6.8		BGR	50727010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.01		P	05:01:39.061	-0.1	0.5		5.69		TAS		253.0	0.99	a_e	MBB	6.7
AHRW	77.01		pP	05:01:41.971	-0.0	0.5		5.68		TAS				a_e		
ASSE	75.46		P	05:01:30.111	0.3	0.5		5.69		TAS		211.9	1.12	a_e	MBB	6.5
ASSE	75.46		pP	05:01:32.971	0.3	0.5		5.68		TAS				a_e		
BFO	79.24		P	05:01:51.411	-0.1	0.5		5.69		TAS		332.7	1.23	a_e	MBB	6.6
BFO	79.24		pP	05:01:54.271	-0.1	0.5		5.68		TAS				a_e		
BRG	76.67		P	05:01:36.961	-0.0	0.5		5.69		TAS		304.5	0.98	a_e	MBB	6.6
BRG	76.67		pP	05:01:39.821	-0.1	0.5		5.68		TAS				a_e		
BSEG	73.65		P	05:01:19.811	-0.1	0.5		5.69		TAS		442.4	1.04	a_e	MBB	6.7
BSEG	73.65		pP	05:01:22.671	-0.1	0.5		5.68		TAS				a_e		
BUG	76.11		P	05:01:33.561	-0.4	0.5		5.69		TAS		356.4	1.28	a_e	MBB	6.9
BUG	76.11		pP	05:01:36.421	-0.4	0.5		5.68		TAS				a_e		
CLL	76.25		P	05:01:34.311	0.0	0.5		5.69		TAS		220.5	0.95	a_e	MBB	6.7
CLL	76.25		pP	05:01:37.171	0.0	0.5		5.68		TAS				a_e		
CLZ	75.74		P	05:01:32.111	0.3	0.5		5.69		TAS		530.9	1.06	a_e	MBB	6.7
CLZ	75.74		pP	05:01:35.021	0.2	0.5		5.68		TAS				a_e		
FBE	76.63		P	05:01:37.111	-0.1	0.5		5.69		TAS		431.9	1.19	a_e	MBB	6.6
FBE	76.63		pP	05:01:39.971	-0.1	0.5		5.68		TAS				a_e		
FLT1	75.25		P	05:01:28.461	0.1	0.5		5.69		TAS		213.9	0.93	a_e	MBB	6.6
FLT1	75.25		pP	05:01:31.321	0.1	0.5		5.68		TAS				a_e		
FUR	79.42		P	05:01:52.711	-0.2	0.5		5.69		TAS		486.7	1.25	a_e	MBB	6.8
FUR	79.42		pP	05:01:55.471	-0.2	0.5		5.68		TAS				a_e		
GEC2	78.70		P	05:01:48.511	-0.3	0.5		5.69		TAS		238.9	1.06	a_e	MBB	6.7
GEC2	78.70		pP	05:01:51.421	-0.3	0.5		5.68		TAS				a_e		
GRA1	77.89		S	05:11:39.664						T__				m_e		
GRA1	77.89		P	05:01:44.441	0.2	0.5		5.69		TAS		474.9	0.98	m_e	mb	6.6
GRA1	77.89		pP	05:01:47.321	0.2	0.5		5.68		TAS				a_e		
GRA1	77.89		L	05:37:20.869						T__		45229.0	20.90	a_e	Ms	6.8
GTTG	76.04		P	05:01:33.761	-0.3	0.5		5.69		TAS		664.0	1.07	a_e	MBB	6.8
GTTG	76.04		pP	05:01:36.571	-0.3	0.5		5.68		TAS				a_e		
GUNZ	77.21		P	05:01:40.361	0.3	0.5		5.69		TAS		133.8	0.93	a_e	MBB	6.5
GUNZ	77.21		pP	05:01:43.221	0.3	0.5		5.68		TAS				a_e		
HLG	73.37		P	05:01:18.361	0.1	0.5		5.69		TAS		1014.5	1.15	a_e	MBB	7.2
HLG	73.37		pP	05:01:21.221	0.0	0.5		5.68		TAS				a_e		
IBBN	75.25		P	05:01:29.061	-0.1	0.5		5.69		TAS		618.9	1.03	a_e	MBB	6.7
IBBN	75.25		pP	05:01:31.921	-0.1	0.5		5.68		TAS				a_e		
KAST	76.37		P	05:01:35.361	-0.1	0.5		5.69		TAS		170.7	1.07	a_e	MBB	6.6
KAST	76.37		pP	05:01:38.221	-0.1	0.5		5.68		TAS				a_e		
MANZ	77.59		P	05:01:42.311	-0.0	0.5		5.69		TAS		178.8	1.18	a_e	MBB	6.7
MANZ	77.59		pP	05:01:45.171	-0.0	0.5		5.68		TAS				m_e		
MILB	77.75		P	05:01:43.211	0.2	0.5		5.69		TAS		443.4	1.23	m_e	MBB	7.0

MILB	77.75	pP	05:01:46.071	0.2	0.5	5.68	TAS											a_e
MOX	76.94	S	05:11:27.722				T__											m_e
MOX	76.94	P	05:01:38.661	0.1	0.5	5.69	TAS	357.2	1.26	a_e	MBB	6.7						
MOX	76.94	pP	05:01:41.471	0.2	0.5	5.68	TAS			a_e								
MOX	76.94	L	05:39:32.155				T__	52849.5	21.80	a_e	Ms	6.8						
NEUB	76.38	P	05:01:35.411	0.2	0.5	5.69	TAS	530.5	1.04	a_e	MBB	6.8						
NEUB	76.38	pP	05:01:38.221	0.2	0.5	5.68	TAS			a_e								
NRDL	75.09	P	05:01:27.961	-0.6	0.5	5.69	TAS	346.8	1.07	a_e	MBB	6.5						
NRDL	75.09	pP	05:01:30.821	-0.6	0.5	5.68	TAS			a_e								
PLN	77.09	P	05:01:39.411	0.1	0.5	5.69	TAS	124.1	0.96	a_e	MBB	6.7						
PLN	77.09	pP	05:01:42.321	0.1	0.5	5.68	TAS			a_e								
RGN	73.00	P	05:01:16.261	0.0	0.5	5.69	TAS	926.9	0.98	a_e	MBB	6.9						
RGN	73.00	pP	05:01:19.121	0.0	0.5	5.68	TAS			a_e								
ROTZ	77.81	P	05:01:43.811	0.3	0.5	5.69	TAS	282.3	1.27	a_e	MBB	6.7						
ROTZ	77.81	pP	05:01:46.621	0.3	0.5	5.68	TAS			a_e								
RUE	75.07	P	05:01:27.961	-0.1	0.5	5.69	TAS	566.2	0.97	a_e	MBB	6.8						
RUE	75.07	pP	05:01:30.821	-0.1	0.5	5.68	TAS			a_e								
SKMB	72.86	P	05:01:15.511	0.1	0.5	5.69	TAS	725.7	1.12	a_e	MBB	7.0						
SKMB	72.86	pP	05:01:18.371	0.1	0.5	5.68	TAS	725.7	1.12	a_e								
STU	78.81	P	05:01:48.961	-0.3	0.5	5.69	TAS	300.5	1.03	a_e	MBB	6.8						
STU	78.81	pP	05:01:51.821	-0.3	0.5	5.68	TAS			a_e								
TNS	77.35	P	05:01:40.961	-0.0	0.5	5.69	TAS	241.8	1.09	a_e	MBB	6.6						
TNS	77.35	pP	05:01:43.821	-0.0	0.5	5.68	TAS			a_e								
UBBA	76.77	P	05:01:37.611	0.0	0.5	5.69	TAS	226.2	1.50	a_e	MBB	6.6						
UBBA	76.77	pP	05:01:40.421	0.0	0.5	5.68	TAS			a_e								
UBR	79.91	P	05:01:55.361		0.5	5.69	TAS	443.3	1.30	a_e	MBB	6.6						
UBR	79.91	pP	05:01:58.171		0.5	5.68	TAS			a_e								
WERD	77.13	P	05:01:39.761	0.2	0.5	5.69	TAS	227.5	1.39	a_e	MBB	6.5						
WERD	77.13	pP	05:01:42.671	0.2	0.5	5.68	TAS			a_e								
WERN	77.29	P	05:01:40.861	0.0	0.5	5.69	TAS	294.0	1.04	a_e	MBB	6.6						
WERN	77.29	pP	05:01:43.721	0.0	0.5	5.68	TAS			a_e								
WET	78.42	P	05:01:47.261	-0.1	0.5	5.69	TAS	239.9	1.22	a_e	MBB	6.7						
WET	78.42	pP	05:01:50.121	-0.1	0.5	5.68	TAS			a_e								
WLF	77.86	P	05:01:44.061	0.4	0.5	5.69	TAS	252.7	1.14	a_e	MBB	6.8						
WLF	77.86	pP	05:01:46.921	0.4	0.5	5.68	TAS			a_e								

Event 50727005 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/27	04:55:54.03			53.4400	-169.2700				33.0			31		72.99	79.26	m i k e	BGR
50727011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50727011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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AHRW	76.35	P	05:07:40.367	0.0	0.4	5.68	TAS	51.1	1.09	a_e	mb	5.6
BFO	78.59	P	05:07:52.667		0.4	5.68	TAS	50.2	1.15	a_e	mb	5.4
BRG	76.03	P	05:07:38.167	0.1	0.4	5.68	TAS	46.1	1.04	a_e	mb	5.5
BSEG	72.99	P	05:07:21.117	-0.1	0.4	5.68	TAS	80.5	1.01	a_e	mb	5.8
BUG	75.45	P	05:07:34.842	0.2	0.4	5.68	TAS	60.0	1.19	m_e	mb	5.5
CLL	75.61	P	05:07:35.617	-0.2	0.4	5.68	TAS	42.3	1.03	a_e	mb	5.5
CLZ	75.09	P	05:07:33.467	0.0	0.4	5.68	TAS	96.1	1.07	a_e	mb	5.8
FBE	75.99	P	05:07:38.367	-0.0	0.4	5.68	TAS	64.1	1.03	a_e	mb	5.7
FLT1	74.60	P	05:07:29.717	0.3	0.4	5.68	TAS	46.9	1.04	a_e	mb	5.5
FUR	78.77	P	05:07:53.867		0.4	5.68	TAS	84.2	1.14	a_e	mb	5.7
GEC2	78.06	P	05:07:49.817		0.4	5.68	TAS	46.1	1.15	a_e	mb	5.5
GRA1	77.24	P	05:07:45.717	-0.3	0.4	5.68	TAS	77.9	1.08	a_e	mb	5.8
GTTG	75.39	P	05:07:35.017	-0.1	0.4	5.68	TAS	100.4	1.05	a_e	mb	5.8
GUNZ	76.56	P	05:07:41.567	0.2	0.4	5.68	TAS	42.3	1.15	a_e	mb	5.5
IBBN	74.60	P	05:07:30.367	-0.2	0.4	5.68	TAS	124.5	1.06	a_e	mb	5.9
KAST	75.71	P	05:07:36.617	0.1	0.4	5.68	TAS	43.1	1.15	a_e	mb	5.5
LNIZ	73.40	P	05:07:23.317	-0.6	0.4	5.68	TAS	104.2	1.19	a_e	mb	5.8
MANZ	76.94	P	05:07:43.467	-0.1	0.4	5.68	TAS	22.9	1.00	a_e	mb	5.3
MILB	77.10	P	05:07:44.517	-0.2	0.4	5.68	TAS	61.6	0.94	a_e	mb	5.7
MOX	76.29	P	05:07:39.917	0.3	0.4	5.68	TAS	65.1	1.09	a_e	mb	5.7
NEUB	75.74	P	05:07:36.667	0.2	0.4	5.68	TAS	118.1	1.04	a_e	mb	6.0
NRDL	74.44	P	05:07:29.267	0.4	0.4	5.68	TAS	49.6	1.02	a_e	mb	5.5
PLN	76.44	P	05:07:40.717	-0.1	0.4	5.68	TAS	24.8	1.08	a_e	mb	5.3
ROTZ	77.16	P	05:07:45.017	-0.2	0.4	5.68	TAS	38.2	1.19	a_e	mb	5.4
RUE	74.43	P	05:07:29.217	0.1	0.4	5.68	TAS	112.1	1.10	a_e	mb	5.8
STU	78.16	P	05:07:50.317		0.4	5.68	TAS	78.2	1.23	a_e	mb	5.7
TNS	76.69	P	05:07:42.167	0.3	0.4	5.68	TAS	35.2	0.99	a_e	mb	5.5
UBR	79.26	P	05:07:56.444		0.4	5.68	TAS	50.7	1.10	m_e	mb	5.5
WERD	76.48	P	05:07:41.017	0.0	0.4	5.68	TAS	29.4	1.17	a_e	mb	5.3
WERN	76.64	P	05:07:42.117	0.4	0.4	5.68	TAS	48.6	1.05	m_e	mb	5.6
WET	77.78	P	05:07:48.567		0.4	5.68	TAS	44.9	1.27	a_e	mb	5.4

Event 50727006 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/27	06:05:37.57			53.6800	-169.4400				7.7	0.9		32		72.75	79.02	m i ke	BGR
50727012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50727012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	76.11		pP	06:17:29.151	0.2	0.8		5.70		TAS					m_e	
ASSE	74.56		P	06:17:18.012	-0.5	0.5		5.70		TAS	32.8	1.14		m_e	mb	5.3
ASSE	74.56		pP	06:17:20.152	-0.3	0.8		5.70		TAS					m_e	
BFO	78.35		P	06:17:39.063		0.5		5.70		TAS	47.2	1.17		m_e	mb	5.5

BFO	78.35	pP	06:17:41.282		0.8	5.70	TAS			m_e		
BRG	75.78	P	06:17:24.682	0.1	0.5	5.70	TAS	46.1	1.10	m_e mb		5.5
BRG	75.78	pP	06:17:26.867	-0.1	0.8	5.70	TAS			m_e		
BSEG	72.75	P	06:17:07.497	0.1	0.5	5.70	TAS	77.1	1.15	m_e mb		5.7
BSEG	72.75	pP	06:17:09.787	-0.1	0.8	5.70	TAS			m_e		
BUG	75.22	P	06:17:21.409	0.2	0.5	5.70	TAS	35.3	1.06	m_e mb		5.3
BUG	75.22	pP	06:17:23.580	0.0	0.8	5.70	TAS			m_e		
CLL	75.37	P	06:17:21.966	-0.1	0.5	5.70	TAS	52.4	1.17	m_e mb		5.4
CLL	75.37	pP	06:17:24.160	0.2	0.8	5.70	TAS			m_e		
CLZ	74.85	P	06:17:19.924	0.0	0.5	5.70	TAS	68.4	0.98	m_e mb		5.6
CLZ	74.85	pP	06:17:22.155	-0.5	0.8	5.70	TAS			m_e		
FBE	75.75	P	06:17:24.822	0.3	0.5	5.70	TAS	67.8	1.28	m_e mb		5.6
FBE	75.75	pP	06:17:27.047	0.2	0.8	5.70	TAS			m_e		
FLT1	74.36	P	06:17:16.317	-0.2	0.5	5.70	TAS	47.0	1.16	m_e mb		5.4
FLT1	74.36	pP	06:17:18.558	0.3	0.8	5.70	TAS			m_e		
FUR	78.53	P	06:17:40.119		0.5	5.70	TAS	120.3	1.41	m_e mb		5.7
FUR	78.53	pP	06:17:42.573		0.8	5.70	TAS			m_e		
GEC2	77.82	P	06:17:36.338		0.5	5.70	TAS	47.1	1.19	m_e mb		5.5
GEC2	77.82	pP	06:17:38.518		0.8	5.70	TAS			m_e		
GRA1	77.00	P	06:17:32.211		0.5	5.70	TAS	120.7	1.23	m_e mb		5.9
GRA1	77.00	pP	06:17:34.295	-0.2	0.8	5.70	TAS			m_e		
GTTG	75.15	P	06:17:21.538	0.1	0.5	5.70	TAS	81.6	0.98	m_e mb		5.7
GTTG	75.15	pP	06:17:23.764	-0.1	0.8	5.70	TAS			m_e		
GUNZ	76.32	P	06:17:28.057	0.4	0.5	5.70	TAS	37.2	1.25	m_e mb		5.4
GUNZ	76.32	pP	06:17:30.258	-0.1	0.8	5.70	TAS			m_e		
IBBN	74.36	P	06:17:16.799	0.3	0.5	5.70	TAS	95.2	0.97	m_e mb		5.8
IBBN	74.36	pP	06:17:19.146	0.4	0.8	5.70	TAS			m_e		
KAST	75.48	P	06:17:23.112	0.0	0.5	5.70	TAS	47.7	1.26	m_e mb		5.4
KAST	75.48	pP	06:17:25.249	-0.1	0.8	5.70	TAS			m_e		
LNIZ	73.15	P	06:17:09.827	-0.5	0.5	5.70	TAS	124.4	1.30	m_e mb		5.9
LNIZ	73.15	pP	06:17:11.929	0.2	0.8	5.70	TAS			m_e		
MANZ	76.70	P	06:17:30.116	-0.1	0.5	5.70	TAS	27.5	1.25	m_e mb		5.2
MANZ	76.70	pP	06:17:32.154	0.2	0.8	5.70	TAS			m_e		
MILB	76.86	P	06:17:30.885	-0.4	0.5	5.70	TAS	48.7	0.90	m_e mb		5.6
MILB	76.86	pP	06:17:33.144	0.2	0.8	5.70	TAS			m_e		
MOX	76.05	P	06:17:26.383	0.0	0.5	5.70	TAS	57.6	1.16	m_e mb		5.6
MOX	76.05	pP	06:17:28.591	0.1	0.8	5.70	TAS			m_e		
NEUB	75.49	P	06:17:23.275	0.0	0.5	5.70	TAS	69.8	0.99	m_e mb		5.6
NEUB	75.49	pP	06:17:25.454	0.0	0.8	5.70	TAS			m_e		
NRDL	74.20	P	06:17:15.538	0.3	0.5	5.70	TAS	50.8	1.11	m_e mb		5.5
NRDL	74.20	pP	06:17:17.920	0.0	0.8	5.70	TAS			m_e		
PLN	76.20	P	06:17:27.253	-0.1	0.5	5.70	TAS	25.6	1.20	m_e mb		5.2
PLN	76.20	pP	06:17:29.300	-0.1	0.8	5.70	TAS			m_e		
ROTZ	76.92	P	06:17:31.570	-0.4	0.5	5.70	TAS	41.2	1.26	m_e mb		5.4
ROTZ	76.92	pP	06:17:33.836	-0.1	0.8	5.70	TAS			m_e		
RUE	74.18	pP	06:17:17.914	-0.4	0.8	5.70	TAS			m_e		
TNS	76.46	P	06:17:28.711	0.2	0.5	5.70	TAS	42.3	1.16	m_e mb		5.5
TNS	76.46	pP	06:17:30.837	0.4	0.8	5.70	TAS			m_e		
UBR	79.02	P	06:17:43.127		0.5	5.70	TAS			m_e		

WERD	76.24	P	06:17:27.714	0.2	0.5	5.70	TAS	38.1	1.52	m_e	mb	5.3
WERD	76.24	pP	06:17:29.779	-0.1	0.8	5.70	TAS			m_e		
WERN	76.40	P	06:17:28.598	0.4	0.5	5.70	TAS	55.2	1.17	m_e	mb	5.6
WERN	76.40	pP	06:17:30.777	0.3	0.8	5.70	TAS			m_e		
WET	77.53	P	06:17:34.994		0.5	5.70	TAS	32.3	1.16	m_e	mb	5.3
WET	77.53	pP	06:17:37.190		0.8	5.70	TAS			m_e		
WLF	76.96	P	06:17:31.915	-0.2	0.5	5.70	TAS	258.6	2.58	m_e	mb	5.9
WLF	76.96	pP	06:17:34.179	-0.5	0.8	5.70	TAS			m_e		

Event 50727007 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/27	06:13:40.30			53.4400	-169.9100				33.0			26		72.99	79.26	m i ke	BGR
	50727013																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50727013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.36	P		06:25:26.598	0.2	0.6		5.67		TAS	49.3	1.78	m_e	mb	5.3
ASSE	74.80	P		06:25:17.726	-0.0	0.6		5.67		TAS	22.3	1.28	a_e	mb	5.0
BFO	78.60	P		06:25:38.876		0.6		5.67		TAS	32.9	1.36	a_e	mb	5.2
BRG	76.01	P		06:25:24.476	-0.0	0.6		5.67		TAS	19.9	1.07	a_e	mb	5.2
BSEG	72.99	P		06:25:07.184	0.2	0.6		5.67		TAS	30.9	0.92	m_e	mb	5.4
CLL	75.60	P		06:25:21.758	0.2	0.6		5.67		TAS	14.4	1.07	m_e	mb	5.0
CLZ	75.09	P		06:25:19.676	0.3	0.6		5.67		TAS	35.7	1.15	a_e	mb	5.3
FBE	75.98	P		06:25:24.676	0.2	0.6		5.67		TAS	29.6	1.06	a_e	mb	5.3
FLT1	74.60	P		06:25:15.993	-0.5	0.6		5.67		TAS	15.3	0.80	m_e	mb	5.1
GEC2	78.05	P		06:25:36.076		0.6		5.67		TAS	19.0	1.13	a_e	mb	5.1
GRA1	77.24	P		06:25:31.932		0.6		5.67		TAS	42.0	1.15	m_e	mb	5.5
GTTG	75.39	P		06:25:21.152	-0.1	0.6		5.67		TAS	42.3	1.20	m_e	mb	5.3
GUNZ	76.55	P		06:25:27.724	-0.0	0.6		5.67		TAS	9.8	1.10	m_e	mb	4.9
IBBN	74.61	P		06:25:16.683	0.1	0.6		5.67		TAS	61.9	1.38	m_e	mb	5.5
MANZ	76.94	P		06:25:29.708		0.6		5.67		TAS	13.4	1.15	m_e	mb	5.0
MILB	77.11	P		06:25:30.786		0.6		5.67		TAS	23.8	1.02	m_e	mb	5.3
MOX	76.28	P		06:25:26.176	0.1	0.6		5.67		TAS	23.4	1.02	m_e	mb	5.3
NEUB	75.73	P		06:25:22.926	0.1	0.6		5.67		TAS	40.6	1.14	a_e	mb	5.5
NRDL	74.44	P		06:25:15.577	0.3	0.6		5.67		TAS	19.4	1.10	m_e	mb	5.0
PLN	76.43	P		06:25:26.870	0.4	0.6		5.67		TAS	10.8	0.91	m_e	mb	5.0
ROTZ	77.15	P		06:25:31.207		0.6		5.67		TAS	23.8	1.39	m_e	mb	5.1
RUE	74.41	P		06:25:15.526	0.0	0.6		5.67		TAS	44.3	1.00	a_e	mb	5.4
TNS	76.70	P		06:25:28.394	-0.3	0.6		5.67		TAS	19.0	1.04	m_e	mb	5.2
UBR	79.26	P		06:25:42.607		0.6		5.67		TAS	48.9	1.48	m_e	mb	5.3
WERN	76.63	P		06:25:28.269	-0.3	0.6		5.67		TAS	14.8	0.92	m_e	mb	5.1
WET	77.77	P		06:25:34.565		0.6		5.67		TAS	16.4	1.17	m_e	mb	5.0

Event 50727009 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/27	07:40:40.22			53.4600	-169.2600				39.7	0.7		34		72.97	79.24	m i ke	BGR
OrigID 50727015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50727015
Ms	5.4		BGR	50727015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.33		P	07:52:24.821	0.2	0.5		5.70		TAS		74.9	1.25	a_e mb	5.7
ASSE	74.78		P	07:52:15.821	-0.3	0.5		5.70		TAS		60.7	1.43	a_e mb	5.4
ASSE	74.78		pP	07:52:27.206	-0.2	359.9		5.71		TAS				m_e	
BFO	78.57		P	07:52:37.071		0.5		5.70		TAS		73.1	1.34	a_e mb	5.5
BFO	78.57		pP	07:52:48.399		359.9		5.71		TAS				m_e	
BRG	76.01		P	07:52:22.621	0.2	0.5		5.70		TAS		52.8	1.17	a_e mb	5.6
BRG	76.01		pP	07:52:34.024		359.9		5.71		TAS				m_e	
BSEG	72.97		P	07:52:05.521	-0.1	0.5		5.70		TAS		72.0	1.15	a_e mb	5.7
BUG	75.43		P	07:52:19.221	-0.1	0.5		5.70		TAS		58.9	1.20	a_e mb	5.5
BUG	75.43		pP	07:52:30.671	0.1	359.9		5.71		TAS				m_e	
CLL	75.59		P	07:52:20.021	0.3	0.5		5.70		TAS		48.9	1.17	a_e mb	5.5
CLZ	75.07		P	07:52:17.871	-0.4	0.5		5.70		TAS		77.4	1.15	a_e mb	5.6
FBE	75.97		P	07:52:22.871	0.1	0.5		5.70		TAS		69.4	1.10	a_e mb	5.7
FBE	75.97		pP	07:52:34.181	-0.3	359.9		5.71		TAS				m_e	
FLT1	74.58		P	07:52:14.171	0.4	0.5		5.70		TAS		49.4	1.16	a_e mb	5.4
FLT1	74.58		pP	07:52:25.705	-0.2	359.9		5.71		TAS				m_e	
FUR	78.75		P	07:52:38.371		0.5		5.70		TAS		116.6	1.25	a_e mb	5.8
GEC2	78.04		P	07:52:34.221	-0.1	0.5		5.70		TAS		60.2	1.29	a_e mb	5.6
GEC2	78.04		pP	07:52:45.796		359.9		5.71		TAS				m_e	
GRA1	77.22		P	07:52:30.121	-0.2	0.5		5.70		TAS		158.3	1.44	a_e mb	5.9
GRA1	77.22		pP	07:52:41.435		359.9		5.71		TAS				m_e	
GRA1	77.22		L	08:35:34.294						T__		2164.8	19.00	a_e Ms	5.5
GTTG	75.36		P	07:52:19.421	-0.0	0.5		5.70		TAS		81.8	1.20	a_e mb	5.6
GTTG	75.36		pP	07:52:30.719	0.1	359.9		5.71		TAS				m_e	
GUNZ	76.54		P	07:52:26.021	-0.0	0.5		5.70		TAS		73.7	1.62	a_e mb	5.6
GUNZ	76.54		pP	07:52:37.382		359.9		5.71		TAS				m_e	
IBBN	74.58		P	07:52:14.721	0.2	0.5		5.70		TAS		94.6	1.20	a_e mb	5.7
IBBN	74.58		pP	07:52:26.087	0.1	359.9		5.71		TAS				m_e	
KAST	75.69		P	07:52:21.021	-0.1	0.5		5.70		TAS		42.6	1.30	a_e mb	5.4
LNIZ	73.38		P	07:52:07.721	-0.5	0.5		5.70		TAS		83.4	1.04	a_e mb	5.8
MANZ	76.92		P	07:52:28.021	0.3	0.5		5.70		TAS		44.5	1.35	a_e mb	5.4
MILB	77.08		P	07:52:28.921	0.4	0.5		5.70		TAS		55.6	1.05	a_e mb	5.6
MOX	76.27		P	07:52:24.371	0.1	0.5		5.70		TAS		57.7	1.14	a_e mb	5.6
MOX	76.27		pP	07:52:35.866		359.9		5.71		TAS				m_e	
MOX	76.27		L	08:31:53.185						T__		1778.0	20.90	a_e Ms	5.4

NEUB	75.72	P	07:52:21.071	-0.1	0.5	5.70	TAS	77.3	1.09	a_e	mb	5.8
NEUB	75.72	pP	07:52:32.443	-0.1	359.9	5.71	TAS			m_e		
NRDL	74.42	P	07:52:13.671	-0.0	0.5	5.70	TAS	54.1	1.31	a_e	mb	5.4
PLN	76.42	P	07:52:25.171	0.3	0.5	5.70	TAS	28.4	1.15	a_e	mb	5.3
PLN	76.42	pP	07:52:36.449		359.9	5.71	TAS			m_e		
ROTZ	77.14	P	07:52:29.471	0.2	0.5	5.70	TAS	71.2	1.51	a_e	mb	5.6
ROTZ	77.14	pP	07:52:40.892		359.9	5.71	TAS			m_e		
RUE	74.41	P	07:52:13.671	0.1	0.5	5.70	TAS	125.3	1.38	a_e	mb	5.8
STU	78.14	P	07:52:34.721	-0.3	0.5	5.70	TAS	79.7	1.34	a_e	mb	5.7
TNS	76.67	P	07:52:26.621	0.2	0.5	5.70	TAS	51.8	1.24	a_e	mb	5.5
TNS	76.67	pP	07:52:37.976		359.9	5.71	TAS			m_e		
UBBA	76.09	P	07:52:23.271	0.0	0.5	5.70	TAS	52.7	1.54	a_e	mb	5.4
UBR	79.24	P	07:52:40.971		0.5	5.70	TAS	85.9	1.29	a_e	mb	5.6
WERD	76.46	P	07:52:25.471	0.0	0.5	5.70	TAS	79.3	1.73	a_e	mb	5.6
WERN	76.62	P	07:52:26.571	-0.0	0.5	5.70	TAS	59.4	1.25	m_e	mb	5.6
WERN	76.62	pP	07:52:37.833		359.9	5.71	TAS			m_e		
WET	77.76	P	07:52:32.971	-0.3	0.5	5.70	TAS	53.9	1.35	a_e	mb	5.5
WLF	77.18	P	07:52:29.771	-0.1	0.5	5.70	TAS	52.4	1.19	a_e	mb	5.5

Event 50727010 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/27	07:40:57.11			53.4300	-169.1500				33.0			34		73.00	79.27	m i ke	BGR
50727016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50727016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	76.36		P	07:52:43.502	0.3	0.3		5.68		TAS		52.5	1.02	a_e	mb	5.6
ASSE	74.81		P	07:52:34.552	-0.3	0.3		5.68		TAS		37.4	1.29	a_e	mb	5.3
BFO	78.59		P	07:52:55.702		0.3		5.68		TAS		49.8	1.17	a_e	mb	5.4
BRG	76.04		P	07:52:41.352	0.2	0.3		5.68		TAS		41.0	1.03	a_e	mb	5.5
BSEG	73.00		P	07:52:24.202	-0.2	0.3		5.68		TAS		60.4	1.05	a_e	mb	5.7
BUG	75.46		P	07:52:37.902	-0.1	0.3		5.68		TAS		77.1	1.02	a_e	mb	5.7
CLL	75.62		P	07:52:38.752	0.2	0.3		5.68		TAS		44.7	0.90	a_e	mb	5.6
CLZ	75.10		P	07:52:36.552	-0.4	0.3		5.68		TAS		71.8	0.98	a_e	mb	5.7
FBE	76.00		P	07:52:41.502	0.1	0.3		5.68		TAS		95.0	1.47	a_e	mb	5.7
FLT1	74.61		P	07:52:32.852	0.4	0.3		5.68		TAS		52.6	1.02	a_e	mb	5.5
FUR	78.78		P	07:52:57.002		0.3		5.68		TAS		50.9	1.02	a_e	mb	5.5
GEC2	78.07		P	07:52:52.902	-0.1	0.3		5.68		TAS		36.9	1.06	a_e	mb	5.4
GRA1	77.25		P	07:52:48.802	-0.3	0.3		5.68		TAS		92.6	1.03	a_e	mb	5.9
GTTG	75.39		P	07:52:38.102	0.0	0.3		5.68		TAS		64.1	0.94	a_e	mb	5.6
GUNZ	76.57		P	07:52:44.802	-0.0	0.3		5.68		TAS		30.4	1.11	a_e	mb	5.3
IBBN	74.60		P	07:52:33.402	0.2	0.3		5.68		TAS		83.2	0.98	a_e	mb	5.7
KAST	75.72		P	07:52:39.702	-0.1	0.3		5.68		TAS		33.5	1.07	a_e	mb	5.4

LNIZ	73.41	P	07:52:26.452	-0.6	0.3	5.68	TAS	63.9	0.80	a_e	mb	5.8
MANZ	76.95	P	07:52:46.702	0.3	0.3	5.68	TAS	43.4	1.38	a_e	mb	5.4
MILB	77.11	P	07:52:47.552	0.4	0.3	5.68	TAS	65.4	1.09	a_e	mb	5.7
MOX	76.30	P	07:52:43.052	0.1	0.3	5.68	TAS	63.8	1.15	a_e	mb	5.6
NEUB	75.75	P	07:52:39.752	-0.1	0.3	5.68	TAS	100.1	1.03	a_e	mb	5.9
NRDL	74.45	P	07:52:32.302	0.0	0.3	5.68	TAS	51.5	1.07	a_e	mb	5.5
PLN	76.45	P	07:52:43.902	0.3	0.3	5.68	TAS	29.4	0.97	a_e	mb	5.4
ROTZ	77.17	P	07:52:48.152	0.2	0.3	5.68	TAS	32.6	1.09	m_e	mb	5.4
RUE	74.44	P	07:52:32.352	0.1	0.3	5.68	TAS	95.4	1.02	a_e	mb	5.8
STU	78.17	P	07:52:53.302	-0.3	0.3	5.68	TAS	40.1	0.84	a_e	mb	5.6
TNS	76.70	P	07:52:45.302	0.2	0.3	5.68	TAS	37.1	1.01	a_e	mb	5.5
UBBA	76.12	P	07:52:41.902	0.0	0.3	5.68	TAS	59.9	1.65	a_e	mb	5.5
UBR	79.27	P	07:52:59.552		0.3	5.68	TAS	82.9	1.44	a_e	mb	5.6
WERD	76.49	P	07:52:44.202	0.0	0.3	5.68	TAS	33.4	1.13	a_e	mb	5.4
WERN	76.65	P	07:52:45.252	-0.0	0.3	5.68	TAS	43.8	1.01	a_e	mb	5.5
WET	77.79	P	07:52:51.602	-0.3	0.3	5.68	TAS	65.3	1.39	a_e	mb	5.6
WLF	77.20	P	07:52:48.402	-0.1	0.3	5.68	TAS	49.5	1.14	a_e	mb	5.5

Event 50727011 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/27	07:43:38.84		53.5200	-169.1200				40.9		0.4		34		72.91	79.18	m i ke	BGR
50727017																	

Magnitude Err Nsta Author OrigID
 mb 5.8 BGR 50727017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.26		P	07:55:23.371	0.2	0.3		5.69		TAS		116.2	1.40	a_e	mb 5.8
AHRW	76.26		pP	07:55:35.009		360.0		5.65		TAS				m_e	
ASSE	74.72		P	07:55:14.421	-0.3	0.3		5.69		TAS		67.0	1.19	a_e	mb 5.6
BFO	78.50		P	07:55:35.621		0.3		5.69		TAS		107.4	1.33	a_e	mb 5.7
BFO	78.50		pP	07:55:47.348		360.0		5.65		TAS				m_e	
BRG	75.95		P	07:55:21.271	0.2	0.3		5.69		TAS		97.0	1.31	a_e	mb 5.8
BRG	75.95		pP	07:55:32.915		360.0		5.65		TAS				m_e	
BSEG	72.91		P	07:55:04.121	-0.1	0.3		5.69		TAS		121.7	1.14	a_e	mb 5.9
BSEG	72.91		pP	07:55:15.902	0.4	360.0		5.65		TAS				m_e	
BUG	75.37		P	07:55:17.821	-0.1	0.3		5.69		TAS		165.1	1.49	a_e	mb 5.8
BUG	75.37		pP	07:55:29.552	0.2	360.0		5.65		TAS				m_e	
CLL	75.53		P	07:55:18.621	0.2	0.3		5.69		TAS		56.8	0.98	a_e	mb 5.7
CLZ	75.01		P	07:55:16.421	-0.4	0.3		5.69		TAS		135.7	1.20	a_e	mb 5.9
CLZ	75.01		pP	07:55:28.252	0.0	360.0		5.65		TAS				m_e	
FBE	75.91		P	07:55:21.421	0.0	0.3		5.69		TAS		120.8	1.15	a_e	mb 5.9
FBE	75.91		pP	07:55:33.192	-0.0	360.0		5.65		TAS				m_e	
FLT1	74.52		P	07:55:12.771	0.3	0.3		5.69		TAS		65.6	1.11	a_e	mb 5.6
FUR	78.69		P	07:55:36.871		0.3		5.69		TAS		209.7	1.36	a_e	mb 6.0

GEC2	77.98	P	07:55:32.821	-0.2	0.3	5.69	TAS	95.9	1.32	a_e	mb	5.8
GRA1	77.16	P	07:55:28.771	-0.3	0.3	5.69	TAS	242.4	1.46	a_e	mb	6.1
GTTG	75.30	P	07:55:17.971	0.0	0.3	5.69	TAS	141.9	1.22	a_e	mb	5.9
GTTG	75.30	pP	07:55:29.669	0.2	360.0	5.65	TAS			m_e		
GUNZ	76.48	P	07:55:24.671	0.0	0.3	5.69	TAS	156.8	1.78	a_e	mb	5.8
IBBN	74.51	P	07:55:13.321	0.2	0.3	5.69	TAS	186.5	1.27	a_e	mb	6.0
IBBN	74.51	pP	07:55:25.128	0.2	360.0	5.65	TAS			m_e		
KAST	75.63	P	07:55:19.621	-0.1	0.3	5.69	TAS	66.4	1.34	a_e	mb	5.6
KAST	75.63	pP	07:55:31.371	-0.1	360.0	5.65	TAS			m_e		
LNIZ	73.32	P	07:55:06.321	-0.5	0.3	5.69	TAS	210.6	1.43	a_e	mb	6.1
MANZ	76.86	P	07:55:26.621	0.3	0.3	5.69	TAS	80.3	1.50	m_e	mb	5.6
MILB	77.02	P	07:55:27.471	0.4	0.3	5.69	TAS	105.2	1.11	a_e	mb	5.9
MOX	76.21	P	07:55:22.921	0.1	0.3	5.69	TAS	92.4	1.15	a_e	mb	5.8
MOX	76.21	pP	07:55:34.663		360.0	5.65	TAS			m_e		
NEUB	75.66	P	07:55:19.621	-0.1	0.3	5.69	TAS	155.2	1.25	a_e	mb	6.0
NEUB	75.66	pP	07:55:31.279	-0.2	360.0	5.65	TAS			m_e		
NRDL	74.36	P	07:55:12.221	-0.0	0.3	5.69	TAS	80.6	1.17	a_e	mb	5.6
NRDL	74.36	pP	07:55:23.946	0.1	360.0	5.65	TAS			m_e		
PLN	76.36	P	07:55:23.821	0.3	0.3	5.69	TAS	39.5	1.13	a_e	mb	5.4
ROTZ	77.08	P	07:55:28.071	0.2	0.3	5.69	TAS	98.8	1.49	a_e	mb	5.7
ROTZ	77.08	pP	07:55:39.739		360.0	5.65	TAS			m_e		
RUE	74.35	P	07:55:12.271	0.1	0.3	5.69	TAS	255.0	1.48	a_e	mb	6.0
STU	78.08	P	07:55:33.221	-0.3	0.3	5.69	TAS	153.0	1.45	a_e	mb	5.9
STU	78.08	pP	07:55:45.087		360.0	5.65	TAS			m_e		
TNS	76.61	P	07:55:25.221	0.2	0.3	5.69	TAS	98.5	1.34	a_e	mb	5.8
UBBA	76.03	P	07:55:21.771	0.1	0.3	5.69	TAS	85.6	1.54	a_e	mb	5.6
UBR	79.18	P	07:55:39.521		0.3	5.69	TAS	137.7	1.36	a_e	mb	5.8
UBR	79.18	pP	07:55:51.376		360.0	5.65	TAS			m_e		
WERD	76.40	P	07:55:24.121	0.0	0.3	5.69	TAS	91.3	1.55	a_e	mb	5.7
WERN	76.56	P	07:55:25.171	-0.0	0.3	5.69	TAS	84.3	1.19	a_e	mb	5.8
WERN	76.56	pP	07:55:36.841		360.0	5.65	TAS			m_e		
WET	77.70	P	07:55:31.571	-0.3	0.3	5.69	TAS	80.0	1.33	a_e	mb	5.7
WLF	77.11	P	07:55:28.321	-0.1	0.3	5.69	TAS	123.4	1.40	a_e	mb	5.8

Event 50727018 Irian Jaya, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/27	21:41:21.60			-2.6500	138.5500			50.0				10		111.93	118.20	m i ke	EMSC
	50727050																

Magnitude	Err	Nsta	Author	OrigID
Ms	6.9		BGR	50727024

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	117.23		Pdiff	21:56:25.379		61.3		4.55		TAS				m_e	
ASSE	114.47		Pdiff	21:56:12.590	0.2	61.3		4.55		TAS				a_e	

BFO	117.69	Pdiff	21:56:27.389		61.3	4.55	TAS		m_e		
BRG	113.27	Pdiff	21:56:07.040	0.1	61.3	4.55	TAS		a_e		
BRG	113.27	PKiKP	21:59:54.000	-0.3	66.4	1.88	TAS		m_e		
BSEG	113.74	Pdiff	21:56:09.290	-0.5	61.3	4.55	TAS		a_e		
BSEG	113.74	PP	22:00:45.999	0.1	59.2	6.60	TAS		m_e		
CLL	113.60	Pdiff	21:56:08.090	-0.1	61.3	4.55	TAS		a_e		
CLL	113.60	PKiKP	21:59:54.340	-0.3	66.4	1.88	TAS		m_e		
CLL	113.60	PP	22:00:45.472	-0.2	59.2	6.60	TAS		m_e		
CLZ	114.78	Pdiff	21:56:14.090	0.3	61.3	4.55	TAS		a_e		
FBE	113.58	Pdiff	21:56:08.540	-0.4	61.3	4.55	TAS		a_e		
FLT1	114.07	Pdiff	21:56:10.190	-0.2	61.3	4.55	TAS		a_e		
FLT1	114.07	PKiKP	21:59:56.771	0.0	66.4	1.88	TAS		m_e		
FUR	116.05	Pdiff	21:56:19.790	-0.0	61.3	4.55	TAS		a_e		
FUR	116.05	PKiKP	21:59:59.173		66.4	1.88	TAS		m_e		
GEC2	114.30	Pdiff	21:56:11.640	-0.2	61.3	4.55	TAS		a_e		
GRA1	115.36	Pdiff	21:56:16.790	0.1	61.3	4.55	TAS		a_e		
GRA1	115.36	PP	22:00:57.258		59.2	6.60	TAS		m_e		
GRA1	115.36	L	22:54:45.749				T__	29640.2	21.70	a_e Ms	6.9
GTTG	115.15	Pdiff	21:56:15.590	-0.2	61.3	4.55	TAS		a_e		
GUNZ	114.41	Pdiff	21:56:12.090	-0.1	61.3	4.55	TAS		a_e		
GUNZ	114.41	PP	22:00:50.911		59.2	6.60	TAS		m_e		
IBBN	115.91	Pdiff	21:56:18.940	-0.3	61.3	4.55	TAS		a_e		
IBBN	115.91	PKiKP	21:59:59.270		66.4	1.88	TAS		m_e		
KAST	116.15	Pdiff	21:56:20.240	-0.4	61.3	4.55	TAS		m_e		
LNIZ	111.93	Pdiff	21:56:01.290	0.1	61.3	4.55	TAS		a_e		
MANZ	114.72	Pdiff	21:56:13.840	0.2	61.3	4.55	TAS		a_e		
MANZ	114.72	PKiKP	21:59:56.819		66.4	1.88	TAS		m_e		
MANZ	114.72	PP	22:00:53.158		59.2	6.60	TAS		m_e		
MILB	116.38	Pdiff	21:56:20.890	-0.2	61.3	4.55	TAS		a_e		
MILB	116.38	PKiKP	21:59:59.987		66.4	1.88	TAS		m_e		
MOX	114.68	Pdiff	21:56:13.490	0.2	61.3	4.55	TAS		a_e		
MOX	114.68	PP	22:00:52.712		59.2	6.60	TAS		m_e		
MOX	114.68	L	22:52:08.548				T__	43710.3	22.00	a_e Ms	7.0
NEUB	114.33	Pdiff	21:56:11.690	-0.1	61.3	4.55	TAS		a_e		
NEUB	114.33	PKiKP	21:59:55.939	-0.0	66.4	1.88	TAS		m_e		
NRDL	114.59	Pdiff	21:56:13.390	0.1	61.3	4.55	TAS		a_e		
PLN	114.45	Pdiff	21:56:12.340	0.3	61.3	4.55	TAS		a_e		
PLN	114.45	PP	22:00:51.033		59.2	6.60	TAS		m_e		
ROTZ	114.76	Pdiff	21:56:14.040	0.0	61.3	4.55	TAS		a_e		
ROTZ	114.76	PP	22:00:53.505		59.2	6.60	TAS		m_e		
RUE	112.63	Pdiff	21:56:04.240	0.0	61.3	4.55	TAS		a_e		
STU	116.97	Pdiff	21:56:23.640		61.3	4.55	TAS		a_e		
STU	116.97	PKiKP	22:00:00.910		66.4	1.88	TAS		m_e		
TNS	116.65	Pdiff	21:56:22.390	0.3	61.3	4.55	TAS		a_e		
TNS	116.65	PKiKP	22:00:00.615		66.4	1.88	TAS		m_e		
UBBA	115.49	Pdiff	21:56:16.990	0.1	61.3	4.55	TAS		a_e		
UBR	116.97	Pdiff	21:56:23.540	0.1	61.3	4.55	TAS		a_e		
UBR	116.97	PKiKP	22:00:00.729		66.4	1.88	TAS		m_e		
WERD	114.39	Pdiff	21:56:11.940	0.1	61.3	4.55	TAS		a_e		

WERD	114.39	PP	22:00:50.714	59.2	6.60	TAS	m_e
WERN	114.42	Pdiff	21:56:12.390	0.0	61.3	4.55	TAS
WERN	114.42	PP	22:00:51.191	59.2	6.60	TAS	m_e
WET	114.66	Pdiff	21:56:13.590	0.2	61.3	4.55	TAS
WLF	118.20	Pdiff	21:56:29.590	61.3	4.55	TAS	a_e

Event 50728006 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/28	21:21:49.37			53.7200	-169.5400				41.6	0.5		32		72.71	78.98	m i ke	BGR
	50728012																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50728012
Ms	4.9		BGR	50728012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	76.07		P	21:33:32.818	0.3	0.6		5.69		TAS		60.8	1.40	m_e	mb	5.5
AHRW	76.07		pP	21:33:44.834	-0.1	0.6		5.70		TAS				a_e		
ASSE	74.52		P	21:33:23.876	-0.4	0.6		5.69		TAS		30.3	1.16	a_e	mb	5.2
ASSE	74.52		pP	21:33:35.734	-0.4	0.6		5.70		TAS				a_e		
BFO	78.31		P	21:33:45.226		0.6		5.69		TAS		56.7	1.45	a_e	mb	5.5
BFO	78.31		pP	21:33:57.134		0.6		5.70		TAS				m_e		
BRG	75.74		P	21:33:30.676	-0.0	0.6		5.69		TAS		72.5	1.68	a_e	mb	5.5
BRG	75.74		pP	21:33:42.584	0.1	0.6		5.70		TAS				a_e		
BSEG	72.71		P	21:33:13.526	-0.6	0.6		5.69		TAS		43.3	1.13	a_e	mb	5.5
BSEG	72.71		pP	21:33:25.434	-0.5	0.6		5.70		TAS				a_e		
BUG	75.18		P	21:33:27.326	-0.1	0.6		5.69		TAS		46.5	1.17	a_e	mb	5.4
BUG	75.18		pP	21:33:39.334	-0.1	0.6		5.70		TAS				a_e		
CLL	75.32		P	21:33:28.076	-0.1	0.6		5.69		TAS		27.1	1.16	a_e	mb	5.2
CLL	75.32		pP	21:33:39.934	-0.0	0.6		5.70		TAS				a_e		
CLZ	74.81		P	21:33:25.926	0.0	0.6		5.69		TAS		51.8	1.13	a_e	mb	5.5
CLZ	74.81		pP	21:33:37.834	0.0	0.6		5.70		TAS				a_e		
FLT1	74.32		P	21:33:22.176	0.2	0.6		5.69		TAS		69.9	1.68	a_e	mb	5.4
FLT1	74.32		pP	21:33:34.134	0.2	0.6		5.70		TAS				a_e		
FUR	78.49		P	21:33:46.376		0.6		5.69		TAS		113.7	1.49	a_e	mb	5.8
FUR	78.49		pP	21:33:58.334		0.6		5.70		TAS				a_e		
GEC2	77.77		P	21:33:42.226	-0.3	0.6		5.69		TAS		69.2	1.55	a_e	mb	5.6
GEC2	77.77		pP	21:33:54.184		0.6		5.70		TAS				a_e		
GRA1	76.96		P	21:33:38.226	-0.2	0.6		5.69		TAS		116.7	1.40	a_e	mb	5.8
GRA1	76.96		pP	21:33:50.084	-0.1	0.6		5.70		TAS				a_e		
GRA1	76.96		L	22:13:52.399						T__		729.7	19.80	a_e	Ms	5.0
GTTG	75.11		P	21:33:27.476	-0.1	0.6		5.69		TAS		59.7	1.14	a_e	mb	5.5
GTTG	75.11		pP	21:33:39.384	-0.1	0.6		5.70		TAS				a_e		
GUNZ	76.28		P	21:33:34.126	-0.0	0.6		5.69		TAS		109.5	2.10	a_e	mb	5.6
GUNZ	76.28		pP	21:33:45.984	0.2	0.6		5.70		TAS				a_e		

IBBN	74.32	P	21:33:22.826	-0.3	0.6	5.69	TAS	86.4	1.18	a_e	mb	5.7
IBBN	74.32	pP	21:33:34.684	-0.2	0.6	5.70	TAS			a_e		
KAST	75.44	P	21:33:29.126	0.0	0.6	5.69	TAS	34.2	1.40	a_e	mb	5.2
KAST	75.44	pP	21:33:41.034	0.2	0.6	5.70	TAS			a_e		
MANZ	76.66	P	21:33:36.076	0.4	0.6	5.69	TAS	37.9	1.39	m_e	mb	5.3
MANZ	76.66	pP	21:33:47.934	0.2	0.6	5.70	TAS			a_e		
MILB	76.82	P	21:33:36.976	0.2	0.6	5.69	TAS	48.0	1.19	a_e	mb	5.5
MILB	76.82	pP	21:33:48.834	-0.1	0.6	5.70	TAS			a_e		
MOX	76.00	P	21:33:32.376	0.2	0.6	5.69	TAS	42.3	1.23	a_e	mb	5.4
MOX	76.00	pP	21:33:44.234	0.3	0.6	5.70	TAS			a_e		
MOX	76.00	L	22:10:03.957				T__	601.0	21.10	a_e	Ms	4.9
NEUB	75.45	P	21:33:29.126	0.1	0.6	5.69	TAS	63.4	1.27	a_e	mb	5.5
NEUB	75.45	pP	21:33:41.034	-0.0	0.6	5.70	TAS			a_e		
NRDL	74.16	P	21:33:21.776	0.4	0.6	5.69	TAS	41.7	1.24	a_e	mb	5.3
NRDL	74.16	pP	21:33:33.634	0.4	0.6	5.70	TAS			a_e		
PLN	76.16	P	21:33:33.176	0.1	0.6	5.69	TAS	24.4	1.27	a_e	mb	5.2
PLN	76.16	pP	21:33:45.084	-0.0	0.6	5.70	TAS			a_e		
ROTZ	76.88	P	21:33:37.476	-0.1	0.6	5.69	TAS	88.8	1.82	a_e	mb	5.6
ROTZ	76.88	pP	21:33:49.434	-0.3	0.6	5.70	TAS			a_e		
RUE	74.14	P	21:33:21.726	-0.0	0.6	5.69	TAS	80.0	1.25	a_e	mb	5.6
RUE	74.14	pP	21:33:33.634	-0.1	0.6	5.70	TAS			a_e		
STU	77.88	P	21:33:42.726		0.6	5.69	TAS	45.7	1.16	a_e	mb	5.5
STU	77.88	pP	21:33:54.684		0.6	5.70	TAS			a_e		
TNS	76.42	P	21:33:34.726	0.2	0.6	5.69	TAS	45.8	1.38	a_e	mb	5.4
TNS	76.42	pP	21:33:46.534	0.4	0.6	5.70	TAS			a_e		
UBBA	75.83	P	21:33:31.326	0.1	0.6	5.69	TAS	37.6	1.49	a_e	mb	5.3
UBR	78.98	P	21:33:48.976		0.6	5.69	TAS	62.4	1.39	a_e	mb	5.5
UBR	78.98	pP	21:34:01.034		0.6	5.70	TAS			a_e		
WERD	76.20	P	21:33:33.476	0.0	0.6	5.69	TAS	96.6	2.12	a_e	mb	5.6
WERD	76.20	pP	21:33:45.434	-0.1	0.6	5.70	TAS			a_e		
WERN	76.35	P	21:33:34.576	0.2	0.6	5.69	TAS	39.3	1.27	a_e	mb	5.4
WERN	76.35	pP	21:33:46.534	0.2	0.6	5.70	TAS			a_e		
WET	77.49	P	21:33:40.976	-0.1	0.6	5.69	TAS	39.1	1.40	a_e	mb	5.3
WET	77.49	pP	21:33:52.934	-0.2	0.6	5.70	TAS			a_e		
WLF	76.93	P	21:33:37.726	-0.3	0.6	5.69	TAS	37.6	1.23	a_e	mb	5.4
WLF	76.93	pP	21:33:49.684	-0.3	0.6	5.70	TAS			a_e		

Event 50729004 Near north coast of Colombia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/29	00:10:29.63			8.6300	-76.5800				15.7	0.2		34		78.78	83.76	m i ke	BGR
50729010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	50729010
MBB	6.1		BGR	50729010

Ms	5.6	BGR	50729010													
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	79.37		P	00:22:35.544	0.3	273.7		5.29		TAS		189.6	1.23	a_e	MBB	6.2
AHRW	79.37		pP	00:22:40.098	0.3	273.8		5.29		TAS				a_e		
ASSE	81.57		P	00:22:47.144	-0.5	273.7		5.29		TAS		126.0	1.26	a_e	MBB	6.1
ASSE	81.57		pP	00:22:51.698	-0.5	273.8		5.29		TAS				a_e		
BFO	80.24		P	00:22:39.294	0.1	273.7		5.29		TAS		51.9	1.11	a_e	MBB	5.6
BFO	80.24		pP	00:22:43.848	0.1	273.8		5.29		TAS				a_e		
BRG	83.71		P	00:22:58.094		273.7		5.29		TAS		94.0	1.17	a_e	MBB	6.1
BRG	83.71		pP	00:23:02.648		273.8		5.29		TAS				a_e		
BSEG	81.26		P	00:22:45.094	0.2	273.7		5.29		TAS		116.2	1.21	a_e	MBB	6.0
BSEG	81.26		pP	00:22:49.648	0.2	273.8		5.29		TAS				a_e		
BUG	79.48		P	00:22:35.594	-0.3	273.7		5.29		TAS		151.7	1.15	a_e	MBB	6.1
BUG	79.48		pP	00:22:40.148	-0.3	273.8		5.29		TAS				a_e		
CLL	83.08		P	00:22:54.694	-0.3	273.7		5.29		TAS		106.9	1.26	a_e	MBB	6.1
CLL	83.08		pP	00:22:59.248	-0.3	273.8		5.29		TAS				a_e		
CLZ	81.40		P	00:22:46.194	0.2	273.7		5.29		TAS		136.9	1.17	a_e	MBB	6.0
CLZ	81.40		pP	00:22:50.748	0.2	273.8		5.29		TAS				a_e		
FLT1	81.91		P	00:22:48.194	0.1	273.7		5.29		TAS		142.9	1.16	a_e	MBB	6.2
FLT1	81.91		pP	00:22:52.748	0.1	273.8		5.29		TAS				a_e		
FUR	82.21		P	00:22:50.344	-0.0	273.7		5.29		TAS		403.0	2.35	a_e	MBB	6.2
FUR	82.21		pP	00:22:54.898	-0.0	273.8		5.29		TAS				a_e		
GEC2	83.76		P	00:22:58.244		273.7		5.29		TAS		106.7	1.20	a_e	MBB	6.1
GEC2	83.76		pP	00:23:02.798		273.8		5.29		TAS				a_e		
GRA1	82.07		S	00:33:08.470						T__				m_e		
GRA1	82.07		P	00:22:49.644	0.1	273.7		5.29		TAS		117.2	1.28	a_e	MBB	6.1
GRA1	82.07		pP	00:22:54.198	0.1	273.8		5.29		TAS				a_e		
GRA1	82.07		L	00:56:27.312						T__		2492.3	21.20	a_e	Ms	5.5
GTTG	81.16		P	00:22:44.844	0.2	273.7		5.29		TAS		108.0	1.16	a_e	MBB	6.0
GTTG	81.16		pP	00:22:49.398	0.2	273.8		5.29		TAS				a_e		
GUNZ	82.73		P	00:22:53.144	0.2	273.7		5.29		TAS		86.2	1.35	a_e	MBB	5.9
GUNZ	82.73		pP	00:22:57.698	0.2	273.8		5.29		TAS				a_e		
IBBN	79.77		P	00:22:37.294	-0.1	273.7		5.29		TAS		203.0	1.16	a_e	MBB	6.1
IBBN	79.77		pP	00:22:41.848	-0.1	273.8		5.29		TAS				a_e		
KAST	80.20		P	00:22:39.494	-0.5	273.7		5.29		TAS		81.1	1.27	a_e	MBB	5.7
KAST	80.20		pP	00:22:44.048	-0.5	273.8		5.29		TAS				a_e		
LNIZ	83.60		P	00:22:57.544	-0.2	273.7		5.29		TAS		123.5	1.05	a_e	MBB	6.4
LNIZ	83.60		pP	00:23:02.048	-0.2	273.8		5.29		TAS				a_e		
MANZ	82.62		P	00:22:52.694	0.3	273.7		5.29		TAS		102.1	1.34	a_e	MBB	6.1
MANZ	82.62		pP	00:22:57.248	0.3	273.8		5.29		TAS				a_e		
MILB	80.81		P	00:22:42.794	0.1	273.7		5.29		TAS		171.2	1.13	a_e	MBB	6.1
MILB	80.81		pP	00:22:47.348	0.1	273.8		5.29		TAS				a_e		
MOX	82.25		S	00:33:10.383						T__				m_e		
MOX	82.25		P	00:22:50.494	0.0	273.7		5.29		TAS		82.3	1.43	m_e	MBB	5.9
MOX	82.25		pP	00:22:55.048	0.1	273.8		5.29		TAS				m_e		
MOX	82.25		L	00:56:47.295						T__		3526.6	21.70	a_e	Ms	5.7
NEUB	82.31		P	00:22:50.894	-0.1	273.7		5.29		TAS		118.8	1.25	a_e	MBB	6.1
NEUB	82.31		pP	00:22:55.448	-0.1	273.8		5.29		TAS				a_e		

NRDL	81.21	P	00:22:45.194	0.1	273.7	5.29	TAS	167.3	1.29	a_e	MBB	6.1
NRDL	81.21	pP	00:22:49.748	0.1	273.8	5.29	TAS			a_e		
PLN	82.61	P	00:22:52.344	0.2	273.7	5.29	TAS	99.7	1.23	a_e	MBB	6.1
PLN	82.61	pP	00:22:56.898	0.2	273.8	5.29	TAS			a_e		
ROTZ	82.70	P	00:22:53.194	-0.0	273.7	5.29	TAS	134.6	1.69	a_e	MBB	6.1
ROTZ	82.70	pP	00:22:57.748	-0.0	273.8	5.29	TAS			a_e		
RUE	83.45	P	00:22:56.544	-0.1	273.7	5.29	TAS	200.4	1.32	a_e	MBB	6.4
RUE	83.45	pP	00:23:01.098	-0.1	273.8	5.29	TAS			a_e		
SKMB	80.72	P	00:22:42.694	-0.2	273.7	5.29	TAS	490.6	1.39	a_e	MBB	6.6
SKMB	80.72	pP	00:22:47.248	-0.2	273.8	5.29	TAS			a_e		
STU	80.79	P	00:22:42.544	-0.1	273.7	5.29	TAS	137.2	1.18	a_e	MBB	6.0
STU	80.79	pP	00:22:47.148	-0.1	273.8	5.29	TAS			a_e		
TNS	80.25	P	00:22:40.094	0.4	273.7	5.29	TAS	174.7	1.34	a_e	MBB	6.0
TNS	80.25	pP	00:22:44.648	0.4	273.8	5.29	TAS			a_e		
UBBA	81.22	P	00:22:45.194	-0.1	273.7	5.29	TAS	132.1	1.69	a_e	MBB	5.9
UBBA	81.22	pP	00:22:49.748	-0.1	273.8	5.29	TAS			a_e		
UBR	81.46	P	00:22:46.494	0.2	273.7	5.29	TAS	98.3	1.40	a_e	MBB	5.9
UBR	81.46	pP	00:22:51.048	0.2	273.8	5.29	TAS			a_e		
WERD	82.71	P	00:22:52.894	0.1	273.7	5.29	TAS	97.5	1.22	a_e	MBB	6.1
WERD	82.71	pP	00:22:57.448	0.1	273.8	5.29	TAS			a_e		
WERN	82.77	P	00:22:53.494	-0.2	273.7	5.29	TAS	107.3	1.34	a_e	MBB	6.0
WERN	82.77	pP	00:22:58.048	-0.2	273.8	5.29	TAS			a_e		
WET	83.19	P	00:22:55.644	-0.1	273.7	5.29	TAS	134.1	1.31	a_e	MBB	6.3
WET	83.19	pP	00:23:00.198	-0.1	273.8	5.29	TAS			a_e		
WLF	78.78	P	00:22:32.144	0.0	273.7	5.29	TAS	227.6	1.09	a_e	MBB	6.2
WLF	78.78	pP	00:22:36.698	-0.0	273.8	5.29	TAS			a_e		

Event 50729005 Southern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/29	02:36:00.30			60.5600	-153.1600				102.1	4.7		32		65.09	71.27	m i ke	BGR
OrigID 50729011																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	50729011
MBB	6.3		BGR	50729011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	68.11		P	02:46:48.820	0.1					T__		104.3	1.08	a_e	mb 6.0
AHRW	68.11		sP	02:47:26.244	0.3	351.4		6.29		TAS				m_e	
ASSE	66.92		P	02:46:41.270	0.0					T__		92.3	1.15	a_e	mb 5.9
ASSE	66.92		pP	02:47:05.872	0.4	350.4		6.32		TAS				m_e	
BFO	70.43		P	02:47:02.920						T__		120.2	1.15	a_e	mb 5.9
BFO	70.43		pP	02:47:27.688		350.4		6.32		TAS				m_e	
BFO	70.43		sP	02:47:40.575		351.4		6.29		TAS				m_e	
BRG	68.44		P	02:46:50.820	0.1					T__		131.8	1.32	a_e	mb 6.0

BRG	68.44	pP	02:47:15.738	350.4	6.32	TAS			m_e	
BRG	68.44	sP	02:47:28.668	-0.0 351.4	6.29	TAS			m_e	
BSEG	65.09	P	02:46:29.870	-0.6		T__	141.1	1.08	a_e mb	6.1
BUG	67.25	P	02:46:43.070	-0.1		T__	197.6	1.12	a_e mb	6.2
CLL	67.93	P	02:46:47.370	0.1		T__	86.4	1.18	a_e mb	5.9
CLL	67.93	pP	02:47:12.096	350.4	6.32	TAS			m_e	
CLL	67.93	sP	02:47:25.020	0.1 351.4	6.29	TAS			m_e	
CLZ	67.17	P	02:46:43.370	-0.3		T__	211.4	1.09	a_e mb	6.3
FLT1	66.77	P	02:46:39.870	-0.3		T__	118.8	1.19	a_e mb	6.0
FLT1	66.77	pP	02:47:04.582	0.1 350.4	6.32	TAS			m_e	
FUR	70.90	P	02:47:05.870			T__	176.1	1.21	a_e mb	6.1
FUR	70.90	pP	02:47:30.750	350.4	6.32	TAS			m_e	
FUR	70.90	sP	02:47:43.767	351.4	6.29	TAS			m_e	
GEC2	70.43	P	02:47:03.170			T__	100.8	1.33	a_e mb	5.8
GEC2	70.43	sP	02:47:41.112	351.4	6.29	TAS			m_e	
GRA1	69.38	P	02:46:56.920	-0.1		T__	120.6	1.24	a_e mb	6.0
GRA1	69.38	pP	02:47:21.794	350.4	6.32	TAS			m_e	
GRA1	69.38	sP	02:47:34.633	351.4	6.29	TAS			m_e	
GTTG	67.43	P	02:46:44.870	0.1		T__	304.8	1.09	a_e mb	6.4
GUNZ	68.81	P	02:46:53.320	-0.1		T__	94.1	1.32	a_e mb	5.9
GUNZ	68.81	sP	02:47:31.022	351.4	6.29	TAS			m_e	
IBBN	66.45	P	02:46:38.470	-0.1		T__	156.4	1.07	a_e mb	6.2
KAST	67.61	P	02:46:45.670	-0.0		T__	91.2	1.07	a_e mb	5.9
MANZ	69.17	P	02:46:55.320	-0.2		T__	72.0	1.26	a_e mb	5.8
MANZ	69.17	pP	02:47:20.068	350.4	6.32	TAS			m_e	
MANZ	69.17	sP	02:47:33.055	351.4	6.29	TAS			m_e	
MILB	69.06	P	02:46:54.820	0.3		T__	168.8	1.23	a_e mb	6.1
MILB	69.06	sP	02:47:32.471	351.4	6.29	TAS			m_e	
MOX	68.47	P	02:46:51.070	0.1		T__	172.7	1.29	m_e mb	6.1
MOX	68.47	pP	02:47:15.811	350.4	6.32	TAS			m_e	
MOX	68.47	sP	02:47:28.786	-0.3 351.4	6.29	TAS			m_e	
NEUB	67.94	P	02:46:47.670	0.0		T__	212.7	1.36	a_e mb	6.2
NEUB	67.94	pP	02:47:12.411	350.4	6.32	TAS			m_e	
NEUB	67.94	sP	02:47:25.291	0.1 351.4	6.29	TAS			m_e	
NRDL	66.50	P	02:46:38.770	0.4		T__	185.9	1.12	a_e mb	6.2
NRDL	66.50	pP	02:47:03.289	0.1 350.4	6.32	TAS			m_e	
PLN	68.68	P	02:46:52.320	0.2		T__	126.5	1.30	a_e mb	6.0
PLN	68.68	sP	02:47:30.050	351.4	6.29	TAS			m_e	
ROTZ	69.39	P	02:46:56.920	-0.3		T__	128.8	1.27	a_e mb	6.0
ROTZ	69.39	pP	02:47:21.737	350.4	6.32	TAS			m_e	
ROTZ	69.39	sP	02:47:34.664	351.4	6.29	TAS			m_e	
RUE	66.83	P	02:46:40.920	0.3		T__	238.6	1.09	a_e mb	6.3
RUE	66.83	pP	02:47:05.797	-0.1 350.4	6.32	TAS			m_e	
STU	70.09	P	02:47:00.870	-0.3		T__	98.9	1.07	a_e mb	5.9
STU	70.09	sP	02:47:38.791	351.4	6.29	TAS			m_e	
TNS	68.58	P	02:46:51.770	0.5		T__	104.6	1.15	a_e mb	6.0
TNS	68.58	sP	02:47:29.197	-0.3 351.4	6.29	TAS			m_e	
UBBA	68.15	P	02:46:49.035	-0.0		T__	74.9	1.37	m_e mb	5.7
UBBA	68.15	sP	02:47:26.498	-0.1 351.4	6.29	TAS			m_e	

UBR	71.27	P	02:47:08.170						T__	116.2	1.20	a_e	mb	5.9
WERD	68.73	P	02:46:52.720	0.1					T__	89.5	1.34	a_e	mb	5.8
WERD	68.73	sP	02:47:30.479		351.4		6.29		TAS			m_e		
WERN	68.89	P	02:46:53.920	0.1					T__	126.7	1.33	a_e	mb	6.0
WERN	68.89	sP	02:47:31.700		351.4		6.29		TAS			m_e		
WET	70.07	P	02:47:01.320	-0.3					T__	89.5	1.31	a_e	mb	5.7
WET	70.07	sP	02:47:39.189		351.4		6.29		TAS			m_e		
WLF	68.87	P	02:46:53.789	0.2					T__	224.5	1.07	m_e	mb	6.3
WLF	68.87	sP	02:47:31.259		351.4		6.29		TAS			m_e		

Event 50729008 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/29	07:41:30.34			54.1720	-169.9390				33.0			24		72.26	78.52	m i ke	BGR
OrigID 50729014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50729014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	77.86		P	07:53:22.381		0.7		5.69		TAS		10.3	0.99	m_e	mb	4.9
BRG	75.28		P	07:53:07.867	-0.0	0.7		5.69		TAS		13.4	1.07	a_e	mb	4.9
BSEG	72.26		P	07:52:50.717	-0.6	0.7		5.69		TAS		38.7	1.60	a_e	mb	5.3
CLL	74.86		P	07:53:05.267	0.2	0.7		5.69		TAS		12.9	0.75	a_e	mb	5.0
CLZ	74.36		P	07:53:03.117	-0.1	0.7		5.69		TAS		22.2	0.96	a_e	mb	5.2
FLT1	73.86		P	07:52:59.367	-0.1	0.7		5.69		TAS		14.6	1.01	a_e	mb	5.0
GEC2	77.31		P	07:53:19.467		0.7		5.69		TAS		10.8	0.96	a_e	mb	4.9
GRA1	76.51		P	07:53:15.360		0.7		5.69		TAS		19.0	1.00	m_e	mb	5.2
GTTG	74.65		P	07:53:04.717	0.0	0.7		5.69		TAS		29.6	1.04	a_e	mb	5.3
GUNZ	75.82		P	07:53:11.257	-0.3	0.7		5.69		TAS		7.1	0.97	m_e	mb	4.8
IBBN	73.87		P	07:53:00.103	-0.0	0.7		5.69		TAS		41.4	1.15	m_e	mb	5.4
MANZ	76.20		P	07:53:13.170		0.7		5.69		TAS		28.4	1.90	m_e	mb	5.1
MILB	76.37		P	07:53:14.167		0.7		5.69		TAS		23.7	0.92	a_e	mb	5.3
MOX	75.55		P	07:53:09.567	0.4	0.7		5.69		TAS		13.6	0.91	m_e	mb	5.1
NEUB	75.00		P	07:53:06.367	-0.1	0.7		5.69		TAS		25.0	0.77	a_e	mb	5.3
NRDL	73.70		P	07:52:58.967	0.3	0.7		5.69		TAS		11.3	0.92	a_e	mb	4.9
PLN	75.70		P	07:53:10.317	-0.1	0.7		5.69		TAS		8.5	0.96	a_e	mb	4.8
ROTZ	76.42		P	07:53:14.661		0.7		5.69		TAS		18.7	1.67	m_e	mb	4.9
STU	77.43		P	07:53:20.126		0.7		5.69		TAS		19.4	0.71	m_e	mb	5.3
TNS	75.97		P	07:53:11.983		0.7		5.69		TAS		11.2	0.89	m_e	mb	5.0
UBR	78.52		P	07:53:26.216		0.7		5.69		TAS		26.6	1.32	m_e	mb	5.1
WERD	75.74		P	07:53:10.621	-0.1	0.7		5.69		TAS		17.1	1.42	m_e	mb	5.0
WERN	75.90		P	07:53:11.767	-0.2	0.7		5.69		TAS		14.1	0.96	a_e	mb	5.1
WET	77.03		P	07:53:18.217		0.7		5.69		TAS		11.3	1.25	a_e	mb	4.9

Event 50729013 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/29	16:05:13.03			53.7200	-169.5200				30.8	0.3		31		74.14	78.98	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50729019
Ms	4.6		BGR	50729019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.07		P	16:16:57.111	-0.1	0.6		5.69		TAS		34.7	1.09	a_e mb	5.4
AHRW	76.07		sP	16:17:09.602	0.4	0.6		5.69		TAS				m_e	
ASSE	74.52		P	16:16:48.111	0.0	0.6		5.69		TAS		17.2	1.03	a_e mb	5.0
BFO	78.31		P	16:17:09.411		0.6		5.69		TAS		36.1	1.20	a_e mb	5.4
BFO	78.31		sP	16:17:21.798		0.6		5.69		TAS				m_e	
BRG	75.74		P	16:16:54.911	0.1	0.6		5.69		TAS		28.2	1.08	a_e mb	5.3
BRG	75.74		sP	16:17:07.314	-0.0	0.6		5.69		TAS				m_e	
BUG	75.18		P	16:16:51.511	-0.1	0.6		5.69		TAS		45.0	1.14	a_e mb	5.4
BUG	75.18		sP	16:17:04.027	0.0	0.6		5.69		TAS				m_e	
CLL	75.32		P	16:16:52.261	0.0	0.6		5.69		TAS		31.4	1.19	a_e mb	5.2
CLL	75.32		sP	16:17:04.732	0.1	0.6		5.69		TAS				m_e	
CLZ	74.81		P	16:16:50.211	-0.1	0.6		5.69		TAS		47.6	0.98	a_e mb	5.5
CLZ	74.81		sP	16:17:02.567	0.1	0.6		5.69		TAS				m_e	
FLT1	74.32		P	16:16:46.411	-0.3	0.6		5.69		TAS		23.6	1.02	a_e mb	5.2
FLT1	74.32		sP	16:16:58.865	0.1	0.6		5.69		TAS				m_e	
FUR	78.49		P	16:17:10.661		0.6		5.69		TAS		99.2	1.50	a_e mb	5.7
FUR	78.49		sP	16:17:22.971		0.6		5.69		TAS				m_e	
GEC2	77.77		P	16:17:06.511		0.6		5.69		TAS		29.9	1.12	a_e mb	5.3
GEC2	77.77		sP	16:17:18.993		0.6		5.69		TAS				m_e	
GRA1	76.96		P	16:17:02.461	-0.1	0.6		5.69		TAS		58.0	1.03	a_e mb	5.7
GRA1	76.96		L	16:57:17.159						T__		382.2	20.00	a_e Ms	4.7
GTTG	75.11		P	16:16:51.761	-0.1	0.6		5.69		TAS		76.2	1.12	a_e mb	5.6
GUNZ	76.28		P	16:16:58.311	0.2	0.6		5.69		TAS		105.7	2.55	a_e mb	5.5
GUNZ	76.28		sP	16:17:10.816	-0.2	0.6		5.69		TAS				m_e	
IBBN	74.32		P	16:16:47.111	-0.4	0.6		5.69		TAS		77.8	1.01	a_e mb	5.7
IBBN	74.32		sP	16:16:59.588	-0.1	0.6		5.69		TAS				m_e	
KAST	75.44		P	16:16:53.361	0.2	0.6		5.69		TAS		23.5	1.02	a_e mb	5.2
KAST	75.44		sP	16:17:05.837	0.3	0.6		5.69		TAS				m_e	
MANZ	76.66		P	16:17:00.311	0.2	0.6		5.69		TAS		13.0	1.08	a_e mb	5.0
MANZ	76.66		sP	16:17:12.676		0.6		5.69		TAS				m_e	
MILB	76.82		P	16:17:01.161	-0.1	0.6		5.69		TAS		40.3	1.02	a_e mb	5.5
MILB	76.82		sP	16:17:13.738		0.6		5.69		TAS				m_e	
MOX	76.01		P	16:16:56.611	0.3	0.6		5.69		TAS		33.4	1.10	m_e mb	5.4
MOX	76.01		sP	16:17:09.061	0.2	0.6		5.69		TAS				m_e	
MOX	76.01		L	16:53:28.675						T__		315.5	21.90	a_e Ms	4.6
NEUB	75.45		P	16:16:53.361	-0.0	0.6		5.69		TAS		52.2	0.91	a_e mb	5.6

NEUB	75.45	sP	16:17:05.929	-0.1	0.6	5.69	TAS										m_e	
NRDL	74.16	P	16:16:45.961	0.3	0.6	5.69	TAS	34.4	1.07	a_e	mb							5.3
NRDL	74.16	sP	16:16:58.354	0.1	0.6	5.69	TAS										m_e	
PLN	76.16	P	16:16:57.411	0.0	0.6	5.69	TAS	92.3	2.33	a_e	mb							5.5
PLN	76.16	sP	16:17:09.839	0.0	0.6	5.69	TAS										m_e	
ROTZ	76.88	P	16:17:01.761	-0.3	0.6	5.69	TAS	45.5	1.57	a_e	mb							5.4
ROTZ	76.88	sP	16:17:14.101		0.6	5.69	TAS										m_e	
RUE	74.14	P	16:16:45.961	0.4	0.6	5.69	TAS	56.4	1.17	a_e	mb							5.5
STU	77.88	P	16:17:06.961		0.6	5.69	TAS	42.9	1.08	a_e	mb							5.5
TNS	76.42	P	16:16:58.861	0.4	0.6	5.69	TAS	26.4	1.01	a_e	mb							5.3
TNS	76.42	sP	16:17:11.247		0.6	5.69	TAS										m_e	
UBBA	75.83	P	16:16:55.561	0.2	0.6	5.69	TAS	23.9	1.61	a_e	mb							5.1
UBBA	75.83	sP	16:17:07.947	0.1	0.6	5.69	TAS										m_e	
UBR	78.98	P	16:17:13.261		0.6	5.69	TAS	54.3	1.28	a_e	mb							5.4
UBR	78.98	sP	16:17:25.750		0.6	5.69	TAS										m_e	
WERD	76.20	P	16:16:57.761	-0.1	0.6	5.69	TAS	100.5	2.34	a_e	mb							5.5
WERD	76.20	sP	16:17:10.113	-0.3	0.6	5.69	TAS										m_e	
WERN	76.35	P	16:16:58.861	0.3	0.6	5.69	TAS	36.7	1.15	a_e	mb							5.4
WET	77.49	P	16:17:05.261	-0.2	0.6	5.69	TAS	38.6	1.37	a_e	mb							5.3
WET	77.49	sP	16:17:17.774		0.6	5.69	TAS										m_e	
WLF	76.93	P	16:17:02.061	-0.3	0.6	5.69	TAS	31.1	1.14	a_e	mb							5.3

Event 50729014 Santa Cruz Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/29	17:56:37.90			-10.8900	166.2300				148.0			21		132.97	138.18	m i ke	NEIC-M
OrigID 50729109																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	134.12		PKPdf	18:15:38.228	0.1	36.8		1.89		TAS					m_e
BSEG	132.97		PKPdf	18:15:36.016	0.1	36.8		1.89		TAS					m_e
CLL	134.15		PKPdf	18:15:37.967	0.1	36.8		1.89		TAS					m_e
CLZ	134.69		PKPdf	18:15:39.347	0.3	36.8		1.89		TAS					m_e
FLT1	133.99		PKPdf	18:15:37.721	-0.2	36.8		1.89		TAS					m_e
GEC2	135.78		PKPdf	18:15:41.222		36.8		1.89		TAS					m_e
GTTG	135.08		PKPdf	18:15:40.062	0.2	36.8		1.89		TAS					m_e
GUNZ	135.16		PKPdf	18:15:40.376	-0.2	36.8		1.89		TAS					m_e
KAST	135.90		PKPdf	18:15:41.418		36.8		1.89		TAS					m_e
MANZ	135.55		PKPdf	18:15:40.962	-0.3	36.8		1.89		TAS					m_e
MILB	136.74		PKPdf	18:15:42.930		36.8		1.89		TAS					m_e
MOX	135.21		PKPdf	18:15:40.116	0.4	36.8		1.89		TAS					m_e
NEUB	134.71		PKPdf	18:15:39.028	-0.0	36.8		1.89		TAS					m_e
NRDL	134.24		PKPdf	18:15:38.553	-0.1	36.8		1.89		TAS					m_e
PLN	135.13		PKPdf	18:15:39.925	0.0	36.8		1.89		TAS					m_e

ROTZ	135.68	PKPdf	18:15:40.767	36.8	1.89	TAS	m_e
TNS	136.72	PKPdf	18:15:43.025	36.8	1.89	TAS	m_e
UBR	138.18	PKPdf	18:15:45.455	36.8	1.89	TAS	m_e
WERD	135.10	PKPdf	18:15:39.985	-0.2 36.8	1.89	TAS	m_e
WERN	135.20	PKPdf	18:15:40.376	-0.2 36.8	1.89	TAS	m_e
WLF	137.96	PKPdf	18:15:45.941	36.8	1.89	TAS	m_e

Event 50729015 Jordan - Syria region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/29	22:00:45.43			35.9500	35.6800				26.7	7.0		29		20.63	25.44	m i ke	BGR
OrigID 50729021																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50729021
Ms	4.1		BGR	50729021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	25.23		P	22:06:10.303		119.6		10.05		TAS				m_e	
ASSE	24.00		pP	22:06:04.816		119.8		10.02		TAS				m_e	
BFO	23.62		P	22:05:54.857	-0.4	119.6		10.05		TAS		35.7	0.90	m_e mb	4.9
BFO	23.62		pP	22:05:59.736	-0.1	119.8		10.02		TAS				m_e	
BRG	21.61		P	22:05:34.027	0.0	119.6		10.05		TAS		32.7	1.17	m_e mb	4.6
BSEG	25.19		pP	22:06:15.418		119.8		10.02		TAS				m_e	
CLL	22.34		P	22:05:41.513	0.1	119.6		10.05		TAS		166.4	2.54	m_e mb	5.0
CLL	22.34		pP	22:05:48.338	-0.2	119.8		10.02		TAS				m_e	
CLZ	24.01		P	22:05:58.472	-0.3	119.6		10.05		TAS		49.6	0.90	m_e mb	5.0
CLZ	24.01		pP	22:06:05.215		119.8		10.02		TAS				m_e	
FLT1	23.82		P	22:05:56.042	0.1	119.6		10.05		TAS		37.1	0.93	m_e mb	4.9
FLT1	23.82		pP	22:06:02.886		119.8		10.02		TAS				m_e	
FUR	21.74		P	22:05:34.963	-0.2	119.6		10.05		TAS		187.3	1.77	m_e mb	5.2
GEC2	20.63		P	22:05:24.260	-0.4	119.6		10.05		TAS		56.3	0.69	m_e mb	5.0
GRA1	22.46		P	22:05:42.467	-0.6	119.6		10.05		TAS				m_e	
GRA1	22.46		L	22:15:14.109						T__		693.8	21.10	a_e Ms	4.1
GTTG	24.07		P	22:05:59.344	-0.4	119.6		10.05		TAS		66.3	1.20	m_e mb	5.0
GTTG	24.07		pP	22:06:06.085		119.8		10.02		TAS				m_e	
GUNZ	22.18		P	22:05:40.403	0.2	119.6		10.05		TAS		135.2	1.99	m_e mb	5.0
GUNZ	22.18		pP	22:05:46.841	-0.1	119.8		10.02		TAS				m_e	
KAST	24.76		P	22:06:05.796		119.6		10.05		TAS		40.5	1.09	m_e mb	5.1
KAST	24.76		pP	22:06:12.379		119.8		10.02		TAS				m_e	
MANZ	22.11		P	22:05:39.407	-0.1	119.6		10.05		TAS		42.2	1.30	m_e mb	4.7
MANZ	22.11		pP	22:05:45.910	-0.0	119.8		10.02		TAS				m_e	
MILB	23.64		P	22:05:54.370	-0.1	119.6		10.05		TAS		29.6	0.71	m_e mb	4.9
MILB	23.64		pP	22:06:01.424	-0.4	119.8		10.02		TAS				m_e	
MOX	22.72		P	22:05:45.867	0.3	119.6		10.05		TAS		77.0	1.91	m_e mb	4.9
MOX	22.72		pP	22:05:52.856	0.1	119.8		10.02		TAS				m_e	

MOX	22.72	L	22:16:08.386						T__	560.4	18.00	a_e	Ms	4.0
NEUB	22.92	P	22:05:47.755	0.2	119.6	10.05			TAS	34.6	0.92	m_e	mb	4.9
NEUB	22.92	pP	22:05:54.402	-0.0	119.8	10.02			TAS			m_e		
PLN	22.34	P	22:05:41.834	0.0	119.6	10.05			TAS	43.6	1.41	m_e	mb	4.7
PLN	22.34	pP	22:05:48.517	0.4	119.8	10.02			TAS			m_e		
ROTZ	21.94	P	22:05:37.466	-0.4	119.6	10.05			TAS	89.6	1.43	m_e	mb	5.0
ROTZ	21.94	pP	22:05:44.330	-0.1	119.8	10.02			TAS			m_e		
RUE	22.65	P	22:05:44.146	0.8	119.6	10.05			TAS	65.0	1.14	m_e	mb	5.1
RUE	22.65	pP	22:05:50.073	0.3	119.8	10.02			TAS			m_e		
STU	23.26	P	22:05:50.587	1.5	119.6	10.05			TAS	37.0	0.86	m_e	mb	4.9
STU	23.26	pP	22:05:57.331	0.2	119.8	10.02			TAS			m_e		
TNS	24.30	P	22:06:01.166	-0.3	119.6	10.05			TAS	38.1	1.13	m_e	mb	4.8
TNS	24.30	pP	22:06:07.927		119.8	10.02			TAS			m_e		
UBBA	23.69	P	22:05:55.390	-0.1	119.6	10.05			TAS	111.4	1.98	m_e	mb	5.0
UBBA	23.69	pP	22:06:02.467	-0.2	119.8	10.02			TAS			m_e		
UBR	22.27	P	22:05:40.241	0.6	119.6	10.05			TAS			m_e		
WERD	22.24	P	22:05:40.794	0.0	119.6	10.05			TAS	155.5	2.04	m_e	mb	5.1
WERD	22.24	pP	22:05:47.410	0.2	119.8	10.02			TAS			m_e		
WERN	22.12	P	22:05:39.584	0.0	119.6	10.05			TAS	52.3	1.36	m_e	mb	4.8
WERN	22.12	pP	22:05:46.117	0.2	119.8	10.02			TAS			m_e		
WET	21.25	P	22:05:30.139	-0.8	119.6	10.05			TAS	43.3	1.00	m_e	mb	4.7
WLF	25.44	P	22:06:11.913		119.6	10.05			TAS			m_e		

Event 50730001 East of Australia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/29	23:41:32.18			-28.4600	156.5000				33.5	3.6		28		144.07	149.04	m i ke	BGR
50730007																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.0		BGR	50730007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	148.07		PKPbc	00:01:16.314	-0.8	64.1		3.20		TAS				m_e	
AHRW	148.07		pPKPbc	00:01:26.427		62.0		3.39		TAS				m_e	
ASSE	145.32		PKPbc	00:01:07.542	-0.3	64.1		3.20		TAS				m_e	
BFO	148.46		PKPbc	00:01:17.125		64.1		3.20		TAS				m_e	
BFO	148.46		pPKPbc	00:01:27.173		62.0		3.39		TAS				m_e	
BRG	144.07		PP	00:04:18.585	-0.0	63.5		6.39		TAS				m_e	
BUG	147.48		PKPbc	00:01:14.232	0.4	64.1		3.20		TAS				m_e	
CLL	144.42		PP	00:04:20.340	-0.2	63.5		6.39		TAS				m_e	
CLZ	145.62		PKPbc	00:01:08.885	0.6	64.1		3.20		TAS				m_e	
CLZ	145.62		PP	00:04:28.892		63.5		6.39		TAS				m_e	
FLT1	144.92		PP	00:04:23.371	-0.2	63.5		6.39		TAS				m_e	
FUR	146.76		pPKPbc	00:01:22.064		62.0		3.39		TAS				m_e	
FUR	146.76		PP	00:04:35.415		63.5		6.39		TAS				m_e	

GEC2	145.00	PKPbc	00:01:06.576		64.1	3.20	TAS										m_e
GEC2	145.00	PP	00:04:24.615	0.2	63.5	6.39	TAS										m_e
GRA1	146.15	PKPbc	00:01:10.598		64.1	3.20	TAS										m_e
GRA1	146.15	PP	00:04:31.847		63.5	6.39	TAS										m_e
GRA1	146.15	L	01:11:36.237				T__			210.9	20.50			a_e	Ms		4.9
GTTG	145.99	PKPbc	00:01:10.030	-0.2	64.1	3.20	TAS										m_e
GUNZ	145.21	PP	00:04:25.626	0.2	63.5	6.39	TAS										m_e
IBBN	146.75	PKPbc	00:01:12.251	0.0	64.1	3.20	TAS										m_e
IBBN	146.75	pPKPbc	00:01:21.196	0.0	62.0	3.39	TAS										m_e
KAST	147.00	PKPbc	00:01:12.669	-0.9	64.1	3.20	TAS										m_e
KAST	147.00	pPKPbc	00:01:22.781		62.0	3.39	TAS										m_e
MANZ	145.50	PP	00:04:27.726		63.5	6.39	TAS										m_e
MILB	147.20	PKPbc	00:01:13.084		64.1	3.20	TAS										m_e
MILB	147.20	pPKPbc	00:01:23.225		62.0	3.39	TAS										m_e
MOX	145.50	PKPbc	00:01:07.005		64.1	3.20	TAS										m_e
MOX	145.50	PP	00:04:27.337		63.5	6.39	TAS										m_e
MOX	145.50	L	01:15:06.576				T__			291.1	18.90			a_e	Ms		5.1
NRDL	145.44	PP	00:04:27.803		63.5	6.39	TAS										m_e
PLN	145.26	PP	00:04:25.704	0.4	63.5	6.39	TAS										m_e
ROTZ	145.54	PKPbc	00:01:08.567		64.1	3.20	TAS										m_e
ROTZ	145.54	PP	00:04:27.959		63.5	6.39	TAS										m_e
STU	147.75	PKPbc	00:01:14.910		64.1	3.20	TAS										m_e
STU	147.75	pPKPbc	00:01:25.264		62.0	3.39	TAS										m_e
TNS	147.49	PKPbc	00:01:14.440	0.3	64.1	3.20	TAS										m_e
TNS	147.49	pPKPbc	00:01:24.594		62.0	3.39	TAS										m_e
UBR	147.67	PKPbc	00:01:14.619		64.1	3.20	TAS										m_e
UBR	147.67	pPKPbc	00:01:25.002		62.0	3.39	TAS										m_e
WERD	145.19	PKPbc	00:01:06.075		64.1	3.20	TAS										m_e
WERD	145.19	PP	00:04:25.315	-0.1	63.5	6.39	TAS										m_e
WERN	145.22	PP	00:04:25.782	0.2	63.5	6.39	TAS										m_e
WET	145.39	PKPbc	00:01:07.907		64.1	3.20	TAS										m_e
WET	145.39	PP	00:04:27.181	-0.4	63.5	6.39	TAS										m_e
WLF	149.04	PKPbc	00:01:19.968	-0.2	64.1	3.20	TAS										m_e

Event 50730004 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/30	07:42:28.10			-27.0200	-176.0800				27.0					156.67	156.67	m i ke	NEIC
50730099																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	156.67		PKPab	08:02:50.526		28.9		4.14		TAS					m_e

Event 50730009 Cyprus region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/30	15:04:11.20			34.3000	33.6500				34.0			11		20.74	24.28	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50730015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	23.49		P	15:09:17.646		124.6		9.24		TAS		19.0	0.86	m_e	mb	4.6
BRG	21.91		P	15:09:03.007	-0.2	124.6		9.24		TAS		18.8	1.64	m_e	mb	4.3
CLZ	24.25		P	15:09:24.920		124.6		9.24		TAS		50.4	1.84	m_e	mb	4.7
GEC2	20.74		P	15:08:52.579	-0.2	124.6		9.24		TAS		22.4	0.99	m_e	mb	4.5
GTTG	24.28		P	15:09:25.175		124.6		9.24		TAS		16.8	1.14	m_e	mb	4.5
GUNZ	22.37		P	15:09:08.021	-0.5	124.6		9.24		TAS		10.6	1.14	m_e	mb	4.2
MANZ	22.26		P	15:09:06.565	0.3	124.6		9.24		TAS		9.1	1.17	m_e	mb	4.1
MILB	23.68		P	15:09:19.294		124.6		9.24		TAS		20.8	1.04	m_e	mb	4.6
MOX	22.91		P	15:09:13.002		124.6		9.24		TAS		80.3	1.89	m_e	mb	4.9
ROTZ	22.08		P	15:09:04.856	0.1	124.6		9.24		TAS		12.1	1.06	m_e	mb	4.3
WERN	22.30		P	15:09:07.191	0.4	124.6		9.24		TAS		24.8	1.80	m_e	mb	4.3

Event 50730010 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/30	18:35:18.70			-27.1500	-176.0100				10.0			11		154.92	156.55	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	156.52		PKPdf	18:55:17.572		14.4		1.17		TAS				m_e	
BRG	155.13		PKPdf	18:55:16.082		14.4		1.17		TAS				m_e	
CLL	154.92		PKPdf	18:55:15.738		14.4		1.17		TAS				m_e	
GUNZ	155.96		PKPdf	18:55:17.491		14.4		1.17		TAS				m_e	
KAST	155.75		PKPdf	18:55:17.148		14.4		1.17		TAS				m_e	
MANZ	156.36		PKPdf	18:55:17.652		14.4		1.17		TAS				m_e	
MOX	155.83		PKPdf	18:55:17.088		14.4		1.17		TAS				m_e	
PLN	155.87		PKPdf	18:55:17.297		14.4		1.17		TAS				m_e	
ROTZ	156.55		PKPdf	18:55:17.612		14.4		1.17		TAS				m_e	
UBBA	155.92		PKPdf	18:55:17.290		14.4		1.17		TAS				m_e	
WERN	156.02		PKPdf	18:55:17.531		14.4		1.17		TAS				m_e	

Event 50730012 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/30	22:31:45.51			-22.8500	-175.0800				33.4	0.5		24		148.69	153.22	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
Ms	4.6		BGR	50730018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.44		PKPbc	22:51:33.472	-0.0	11.0		2.39		TAS					m_e
BRG	151.16		PKPbc	22:51:35.370	0.2	11.0		2.39		TAS					m_e
BRG	151.16		pPKPbc	22:51:45.488						T__					m_e
BSEG	148.69		PKPbc	22:51:29.187	-0.1	11.0		2.39		TAS					m_e
BUG	151.40		PKPbc	22:51:35.490	0.3	11.0		2.39		TAS					m_e
CLL	150.91		PKPbc	22:51:34.664	-0.1	11.0		2.39		TAS					m_e
CLL	150.91		pPKPbc	22:51:44.879						T__					m_e
CLZ	150.75		PKPbc	22:51:34.573	-0.4	11.0		2.39		TAS					m_e
FLT1	150.17		PKPbc	22:51:32.706	0.0	11.0		2.39		TAS					m_e
FLT1	150.17		pPKPbc	22:51:42.646						T__					m_e
GEC2	153.14		PKPbc	22:51:39.831		11.0		2.39		TAS					m_e
GRA1	152.75		PKPbc	22:51:38.867		11.0		2.39		TAS					m_e
GRA1	152.75		L	00:05:25.910						T__		82.0	20.60	a_e Ms	4.5
GTTG	151.09		PKPbc	22:51:35.050	0.0	11.0		2.39		TAS					m_e
GUNZ	151.93		PKPbc	22:51:37.425	0.3	11.0		2.39		TAS					m_e
IBBN	150.51		PKPbc	22:51:33.615	0.2	11.0		2.39		TAS					m_e
KAST	151.57		PKPbc	22:51:36.156	0.4	11.0		2.39		TAS					m_e
MANZ	152.33		PKPbc	22:51:38.271		11.0		2.39		TAS					m_e
MILB	152.85		PKPbc	22:51:39.147		11.0		2.39		TAS					m_e
MOX	151.77		PKPbc	22:51:36.683	-0.1	11.0		2.39		TAS					m_e
MOX	151.77		L	00:00:55.771						T__		106.6	19.60	a_e Ms	4.7
NEUB	151.21		PKPbc	22:51:35.536	-0.0	11.0		2.39		TAS					m_e
NRDL	150.14		PKPbc	22:51:32.811	-0.1	11.0		2.39		TAS					m_e
PLN	151.84		PKPbc	22:51:37.112	-0.2	11.0		2.39		TAS					m_e
ROTZ	152.53		PKPbc	22:51:38.430		11.0		2.39		TAS					m_e
UBBA	151.80		PKPbc	22:51:36.778	0.2	11.0		2.39		TAS					m_e
WERN	152.00		PKPbc	22:51:37.660	-0.2	11.0		2.39		TAS					m_e
WET	153.01		PKPbc	22:51:39.626		11.0		2.39		TAS					m_e
WLF	153.22		PKPbc	22:51:40.698		11.0		2.39		TAS					m_e

Event 50731001 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/31	05:12:43.06			53.0300	-169.9700				33.0			17		73.40	79.67	m i ke	BGR

50731007

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50731007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	75.21		P	05:24:22.697	0.2	0.3		5.64		TAS		8.5	1.00	m_e	mb	4.7
BFO	79.01		P	05:24:44.085		0.3		5.64		TAS		23.4	1.51	m_e	mb	5.0
BRG	76.42		P	05:24:29.692		0.3		5.64		TAS		9.5	0.74	m_e	mb	5.0
BSEG	73.40		P	05:24:12.540		0.3		5.64		TAS		28.8	1.21	m_e	mb	5.3
CLL	76.01		P	05:24:27.073	-0.1	0.3		5.64		TAS		6.8	0.63	m_e	mb	4.9
CLZ	75.50		P	05:24:24.833	0.2	0.3		5.64		TAS		9.2	0.79	m_e	mb	5.0
GEC2	78.45		P	05:24:41.262		0.3		5.64		TAS		26.0	1.65	m_e	mb	5.1
GTTG	75.80		P	05:24:26.356	0.0	0.3		5.64		TAS		21.9	0.97	m_e	mb	5.3
GUNZ	76.96		P	05:24:33.012		0.3		5.64		TAS		13.2	1.47	m_e	mb	4.9
IBBN	75.02		P	05:24:21.761		0.3		5.64		TAS		16.4	0.68	m_e	mb	5.2
MANZ	77.34		P	05:24:34.999		0.3		5.64		TAS		4.8	0.66	m_e	mb	4.8
MILB	77.52		P	05:24:36.033		0.3		5.64		TAS		11.4	0.68	m_e	mb	5.1
MOX	76.69		P	05:24:31.005		0.3		5.64		TAS		14.5	1.18	m_e	mb	5.0
ROTZ	77.56		P	05:24:36.400		0.3		5.64		TAS		10.1	0.96	m_e	mb	4.9
UBR	79.67		P	05:24:47.888		0.3		5.64		TAS		21.8	1.28	m_e	mb	4.9
WERN	77.04		P	05:24:33.412		0.3		5.64		TAS		8.5	0.71	m_e	mb	5.0
WET	78.17		P	05:24:39.835		0.3		5.64		TAS		15.5	1.38	m_e	mb	4.9

Event 50731002 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/31	10:06:29.56		28.9000	56.5500					10.0			18		38.22	42.86	m i ke	BGR
OrigID 50731008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50731008
Ms	4.5		BGR	50731008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	42.80		P	10:14:27.715		105.2		8.25		TAS		18.8	0.88	m_e	mb	4.8
BSEG	41.72		P	10:14:17.788		105.2		8.25		TAS		28.9	0.91	m_e	mb	5.0
BUG	42.86		P	10:14:27.826		105.2		8.25		TAS		50.6	0.93	m_e	mb	5.2
CLL	39.36		P	10:13:59.365	0.6	105.2		8.25		TAS		41.8	0.93	m_e	mb	5.1
CLZ	41.08		P	10:14:14.016		105.2		8.25		TAS		33.5	0.90	m_e	mb	5.1
FLT1	40.71		P	10:14:10.312		105.2		8.25		TAS		53.6	0.80	m_e	mb	5.3
GEC2	38.22		P	10:13:49.827	-0.0	105.2		8.25		TAS		40.1	0.89	m_e	mb	5.2
GRA1	40.01		P	10:14:04.323	0.6	105.2		8.25		TAS		49.2	1.15	m_e	mb	5.0
GRA1	40.01		L	10:35:25.897						T_		684.1	21.10	a_e	Ms	4.5
IBBN	42.76		P	10:14:27.115		105.2		8.25		TAS		49.8	1.13	m_e	mb	5.1
KAST	42.11		P	10:14:22.724		105.2		8.25		TAS		30.9	0.81	m_e	mb	5.1

MANZ	39.53	P	10:14:01.371	0.5	105.2		8.25	TAS	19.9	1.41	m_e	mb	4.5
MILB	41.26	P	10:14:15.044		105.2		8.25	TAS	47.3	0.84	m_e	mb	5.3
MOX	40.01	L	10:32:35.981					T__	839.1	21.20	a_e	Ms	4.6
NRDL	41.42	P	10:14:16.766		105.2		8.25	TAS	63.1	1.64	m_e	mb	5.1
ROTZ	39.41	P	10:13:59.795	-0.3	105.2		8.25	TAS	19.5	1.19	m_e	mb	4.6
TNS	41.87	P	10:14:20.700		105.2		8.25	TAS	39.6	0.92	m_e	mb	5.1
UBBA	41.04	P	10:14:11.896		105.2		8.25	TAS	33.5	1.66	m_e	mb	4.8
UBR	40.30	P	10:14:06.243	0.0	105.2		8.25	TAS	64.0	0.88	m_e	mb	5.3
WET	38.82	P	10:13:54.514	0.1	105.2		8.25	TAS	48.5	1.55	m_e	mb	4.9

Event 50731005 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/07/31	19:17:24.55			52.4660	-171.1850				80.6	3.5		11		75.56	79.58	m i ke	BGR
50731011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50731011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	79.58		pP	19:29:41.016						T__				m_e		
CLL	76.54		pP	19:29:24.007						T__				m_e		
CLZ	76.06		P	19:29:01.020		1.5		5.59		TAS		8.3	1.08	m_e	mb	4.8
CLZ	76.06		pP	19:29:21.847	-0.4					T__				m_e		
FLT1	75.56		P	19:28:56.810		1.5		5.59		TAS		7.0	0.84	m_e	mb	4.8
FLT1	75.56		pP	19:29:18.902	0.8					T__				m_e		
GEC2	78.98		P	19:29:17.040		1.5		5.59		TAS		3.8	0.86	m_e	mb	4.4
GEC2	78.98		pP	19:29:38.267						T__				m_e		
GRA1	78.20		pP	19:29:34.473						T__				m_e		
IBBN	75.60		pP	19:29:19.306	-0.1					T__				m_e		
MILB	78.08		P	19:29:11.877		1.5		5.59		TAS		6.8	0.92	m_e	mb	4.8
MILB	78.08		pP	19:29:32.960						T__				m_e		
MOX	77.24		P	19:29:07.121		1.5		5.59		TAS		7.0	1.01	m_e	mb	4.7
NEUB	76.69		pP	19:29:24.888						T__				m_e		
PLN	77.38		pP	19:29:29.207						T__				m_e		
WERN	77.58		P	19:29:09.546		1.5		5.59		TAS		5.7	1.09	m_e	mb	4.6
WET	78.71		pP	19:29:36.413						T__				m_e		