

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

(produced by SZO/BGR - HANNOVER)

December 2014 UPDATED 13.April.2017

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

Event 41201003 Carlsberg Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/01	03:48:06.99			7.2790	59.3450				33.0			33		56.40	62.28	m i ke	BGR
OrigID 41201009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	41201009
Ms	4.2		BGR	41201009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	61.03		P	03:58:19.251	-0.3	119.8		6.99		TAS		158.6	1.79	m_e	mb 5.5
ASSE	59.80		P	03:58:10.067	0.3	119.8		6.99		TAS		90.9	1.64	m_e	mb 5.5
BFO	59.32		P	03:58:07.166	0.5	119.8		6.99		TAS		95.9	1.52	m_e	mb 5.6
BRG	57.40		P	03:57:53.440	0.1	119.8		6.99		TAS		54.4	1.70	m_e	mb 5.3
BUG	61.33		P	03:58:20.701		119.8		6.99		TAS		92.3	1.65	m_e	mb 5.3
CLL	58.14		P	03:57:58.747	0.3	119.8		6.99		TAS		84.2	1.67	m_e	mb 5.5
CLZ	59.82		P	03:58:10.551	0.1	119.8		6.99		TAS		91.7	1.50	m_e	mb 5.6
FBE	57.74		P	03:57:56.062	0.3	119.8		6.99		TAS		74.5	1.55	m_e	mb 5.5
FLT1	59.61		P	03:58:08.405	-0.3	119.8		6.99		TAS		76.6	1.53	m_e	mb 5.5
FUR	57.50		P	03:57:54.103	0.1	119.8		6.99		TAS		186.2	1.56	a_e	mb 5.9
GEC2	56.45		P	03:57:46.383	-0.4	119.8		6.99		TAS		32.6	1.66	m_e	mb 5.1
GRA1	58.28		P	03:57:59.153	-0.4	119.8		6.99		TAS		94.4	1.56	a_e	mb 5.6
GRA1	58.28		L	04:28:24.254						T__		165.9	18.50	a_e	Ms 4.2
GUNZ	58.00		P	03:57:57.978	0.3	119.8		6.99		TAS		78.1	1.48	m_e	mb 5.5
HLG	62.28		P	03:58:26.638		119.8		6.99		TAS		391.7	1.41	m_e	mb 6.4
IBBN	61.46		P	03:58:21.482		119.8		6.99		TAS		139.0	2.20	m_e	mb 5.4
KAST	60.58		P	03:58:15.953	-0.1	119.8		6.99		TAS		79.0	1.58	a_e	mb 5.3
MANZ	57.93		P	03:57:56.872	-0.3	119.8		6.99		TAS		34.3	1.68	m_e	mb 5.1
MOX	58.54		P	03:58:01.367	-0.0	119.8		6.99		TAS		64.8	1.91	m_e	mb 5.3
MOX	58.54		L	04:27:57.784						T__		184.9	19.40	a_e	Ms 4.2

NEUB	58.74	P	03:58:02.927	0.2	119.8	6.99	TAS	61.5	1.39	m_e	mb	5.4
NRDL	60.29	P	03:58:13.837	0.4	119.8	6.99	TAS	104.7	1.61	m_e	mb	5.6
PLN	58.16	P	03:57:58.950	0.2	119.8	6.99	TAS	81.0	1.90	m_e	mb	5.4
RJOB	56.40	P	03:57:46.249	-0.1	119.8	6.99	TAS	29.4	1.93	m_e	mb	5.0
ROTZ	57.76	P	03:57:55.713	-0.3	119.8	6.99	TAS	37.6	1.58	m_e	mb	5.2
RUE	58.37	P	03:58:00.153	0.3	119.8	6.99	TAS	181.2	1.69	a_e	mb	5.8
STU	59.01	P	03:58:04.099	-0.5	119.8	6.99	TAS	38.5	1.50	m_e	mb	5.2
TANN	57.96	P	03:57:57.500	0.2	119.8	6.99	TAS	105.2	1.63	m_e	mb	5.6
TNS	60.11	P	03:58:12.403	0.3	119.8	6.99	TAS	54.6	1.55	m_e	mb	5.3
UBBA	59.52	P	03:58:08.134	-0.1	119.8	6.99	TAS	50.8	1.67	m_e	mb	5.3
UBR	57.96	P	03:57:57.614	0.4	119.8	6.99	TAS	91.5	1.71	m_e	mb	5.5
WERD	58.06	P	03:57:58.087	0.1	119.8	6.99	TAS	34.4	1.46	m_e	mb	5.2
WERN	57.94	P	03:57:57.703	0.5	119.8	6.99	TAS	91.5	1.45	a_e	mb	5.6
WET	57.07	P	03:57:50.057	-1.1	119.8	6.99	TAS	33.2	1.71	m_e	mb	5.1
WLF	61.19	P	03:58:19.734	-0.7	119.8	6.99	TAS	111.5	1.82	m_e	mb	5.4

Event 41201005 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/01	12:52:34.37			65.0500	-17.0400				22.4	0.6		23		19.12	22.97	m i ke	BGR
OrigID 41201011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	41201011
MBB	5.8		BGR	41201011
Ms	4.6		BGR	41201011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	19.21		P	12:56:58.123	-0.1	326.7		10.70		TAS		854.3	2.57	m_e	MBB 5.7
ASSE	19.17		P	12:56:56.706	-0.4	326.7		10.70		TAS		1047.0	2.66	m_e	MBB 5.7
BFO	21.53		P	12:57:21.424		326.7		10.70		TAS		310.8	2.05	m_e	MBB 5.7
BRG	21.41		P	12:57:21.255		326.7		10.70		TAS		829.3	2.55	m_e	MBB 5.8
BRG	21.41		pP	12:57:26.432						T__				m_e	
CLL	20.70		P	12:57:13.577	0.2	326.7		10.70		TAS		613.7	2.59	m_e	mb 5.5
CLZ	19.29		P	12:56:58.572	0.5	326.7		10.70		TAS		670.7	2.49	m_e	MBB 5.6
FBE	21.14		P	12:57:18.443	0.3	326.7		10.70		TAS		1282.5	2.56	m_e	MBB 5.9
FBE	21.14		pP	12:57:23.709						T__				m_e	
FLT1	19.22		P	12:56:58.008	-0.3	326.7		10.70		TAS		728.1	2.51	m_e	MBB 5.6
GEC2	22.97		P	12:57:38.473		326.7		10.70		TAS		634.4	2.68	m_e	MBB 5.8
GRA1	21.37		P	12:57:20.687		326.7		10.70		TAS		2873.0	3.73	m_e	MBB 5.9
GRA1	21.37		pP	12:57:25.993						T__				m_e	
GRA1	21.37		L	13:07:14.034						T__		2625.1	18.20	a_e	Ms 4.7
GUNZ	21.22		P	12:57:18.937		326.7		10.70		TAS		2175.5	3.35	m_e	MBB 5.8
GUNZ	21.22		pP	12:57:24.246						T__				m_e	
KAST	19.12		P	12:56:57.026	0.4	326.7		10.70		TAS		840.3	2.98	m_e	MBB 5.6
MANZ	21.44		P	12:57:22.037		326.7		10.70		TAS		1324.2	3.76	m_e	MBB 5.6

MOX	20.72	P	12:57:13.749	-0.3	326.7	10.70	TAS	1337.4	3.02	m_e	MBB	5.8
MOX	20.72	pP	12:57:19.092				T__			m_e		
MOX	20.72	L	13:05:28.553				T__	2519.5	21.50	a_e	Ms	4.6
NEUB	20.33	P	12:57:09.621	0.8	326.7	10.70	TAS	269.4	1.49	m_e	MBB	5.6
PLN	21.05	P	12:57:17.438	-0.9	326.7	10.70	TAS	1598.5	2.94	m_e	MBB	5.9
PLN	21.05	pP	12:57:22.542				T__			m_e		
ROTZ	21.66	P	12:57:23.349		326.7	10.70	TAS	439.4	2.46	m_e	MBB	5.6
TANN	21.22	P	12:57:19.090		326.7	10.70	TAS	3133.0	3.02	m_e	MBB	6.2
TANN	21.22	pP	12:57:24.170				T__			m_e		
TNS	19.95	P	12:57:05.795	-0.2	326.7	10.70	TAS	1464.9	3.47	m_e	MBB	5.7
UBBA	20.00	P	12:57:06.386	-0.2	326.7	10.70	TAS	730.3	2.67	m_e	MBB	5.6
UBR	22.69	P	12:57:35.175		326.7	10.70	TAS	234.1	1.71	m_e	MBB	5.8
WERD	21.14	P	12:57:18.170	0.5	326.7	10.70	TAS	1300.9	2.78	m_e	MBB	5.9
WERD	21.14	pP	12:57:23.405				T__			m_e		
WERN	21.30	P	12:57:19.970		326.7	10.70	TAS	217.5	1.50	m_e	MBB	5.8
WERN	21.30	pP	12:57:25.073				T__			m_e		

Event 41201008 Carlsberg Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/01	22:47:37.20			1.8600	66.1700				33.0			24		65.62	69.62	m i ke	BGR
41201014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	41201014
Ms	4.6		BGR	41201014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	68.01		P	22:58:33.489		117.1		6.31		TAS		50.3	1.40	m_e	mb 5.6
BFO	67.73		P	22:58:31.866	-0.0	117.1		6.31		TAS		66.1	1.25	m_e	mb 5.7
BRG	65.62		P	22:58:18.076	0.4	117.1		6.31		TAS		62.0	1.87	m_e	mb 5.5
BSEG	69.04		P	22:58:39.515		117.1		6.31		TAS		28.4	1.25	m_e	mb 5.4
BUG	69.62		P	22:58:43.455		117.1		6.31		TAS		23.4	1.01	m_e	mb 5.3
CLL	66.35		P	22:58:23.291	-0.2	117.1		6.31		TAS		50.9	1.23	m_e	mb 5.6
CLZ	68.05		P	22:58:34.184		117.1		6.31		TAS		40.9	1.10	m_e	mb 5.6
FBE	65.96		P	22:58:20.857	-0.2	117.1		6.31		TAS		54.2	1.41	m_e	mb 5.6
FLT1	67.80		P	22:58:31.635	-0.3	117.1		6.31		TAS		41.6	1.33	m_e	mb 5.5
FUR	65.87		P	22:58:19.551	0.0	117.1		6.31		TAS		60.0	1.03	m_e	mb 5.8
GRA1	66.59		P	22:58:24.218	-0.1	117.1		6.31		TAS		74.6	1.36	m_e	mb 5.7
GRA1	66.59		L	23:27:59.743						T__		369.4	20.80	a_e	Ms 4.6
GUNZ	66.27		P	22:58:22.827	-0.4	117.1		6.31		TAS		43.8	1.52	m_e	mb 5.5
KAST	68.87		P	22:58:39.167		117.1		6.31		TAS		39.0	1.62	m_e	mb 5.4
MANZ	66.22		P	22:58:22.016	-0.1	117.1		6.31		TAS		36.1	1.47	m_e	mb 5.4
MOX	66.80		L	23:28:38.922						T__		479.0	21.40	a_e	Ms 4.7
NEUB	66.97		P	22:58:27.347	0.2	117.1		6.31		TAS		54.8	1.00	m_e	mb 5.7
NRDL	68.49		P	22:58:36.733		117.1		6.31		TAS		34.5	1.10	m_e	mb 5.5

RUE	66.51	P	22:58:23.870	0.2	117.1	6.31	TAS	114.3	1.29	m_e	mb	5.9
STU	67.38	P	22:58:29.317	0.2	117.1	6.31	TAS	31.9	1.31	m_e	mb	5.4
TANN	66.22	P	22:58:22.310	0.1	117.1	6.31	TAS	304.4	2.79	m_e	mb	6.0
TNS	68.43	P	22:58:36.502		117.1	6.31	TAS	46.0	1.09	m_e	mb	5.6
UBBA	67.80	P	22:58:32.446	-0.3	117.1	6.31	TAS	87.1	1.70	m_e	mb	5.7
UBR	66.37	P	22:58:23.175	0.2	117.1	6.31	TAS	87.0	1.32	m_e	mb	5.8
WERN	66.21	P	22:58:22.596	0.3	117.1	6.31	TAS	50.9	1.17	m_e	mb	5.6
WLF	69.57	P	22:58:43.339		117.1	6.31	TAS	31.9	0.94	m_e	mb	5.4

Event 41202001 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/02	02:18:31.59			65.5600	-16.3900				11.8	1.0		24		18.70	23.00	m i k e	BGR
41202007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	41202007
Ms	4.9		BGR	41202007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	19.32		P	02:22:57.992	0.9	328.8		10.72		TAS		176.8	1.36	m_e	mb	5.1
BFO	21.65		P	02:23:20.829		328.8		10.72		TAS		177.9	1.60	m_e	mb	5.2
BRG	21.40		P	02:23:19.657		328.8		10.72		TAS		193.5	1.68	m_e	mb	5.2
BRG	21.40		pP	02:23:22.268						T__				m_e		
CLL	20.70		P	02:23:12.144	-0.9	328.8		10.72		TAS		183.7	1.62	m_e	mb	5.2
CLL	20.70		pP	02:23:14.868						T__				m_e		
CLZ	19.33		P	02:22:57.195	-0.2	328.8		10.72		TAS		130.0	1.51	m_e	mb	4.9
FBE	21.15		P	02:23:17.040	0.7	328.8		10.72		TAS		112.5	1.42	m_e	mb	5.0
FLT1	19.23		P	02:22:55.701	-0.2	328.8		10.72		TAS		194.2	1.72	m_e	mb	5.1
FUR	22.75		P	02:23:34.981		328.8		10.72		TAS				m_e		
GEC2	23.00		P	02:23:37.096		328.8		10.72		TAS				m_e		
GRA1	21.42		P	02:23:19.312		328.8		10.72		TAS		104.5	1.43	m_e	mb	5.0
GRA1	21.42		pP	02:23:21.885						T__				m_e		
GRA1	21.42		L	02:31:43.337						T__		3616.9	21.90	a_e	Ms	4.7
GUNZ	21.24		P	02:23:17.593	0.4	328.8		10.72		TAS		133.3	1.57	m_e	mb	5.0
GUNZ	21.24		pP	02:23:20.109						T__				m_e		
KAST	19.19		P	02:22:55.754	0.8	328.8		10.72		TAS		76.4	1.31	m_e	mb	4.8
MANZ	21.48		P	02:23:19.644		328.8		10.72		TAS		124.0	1.76	m_e	mb	4.9
MANZ	21.48		pP	02:23:22.576						T__				m_e		
MOX	20.76		P	02:23:12.509	-0.7	328.8		10.72		TAS		148.5	1.36	m_e	mb	5.1
MOX	20.76		pP	02:23:15.279						T__				m_e		
MOX	20.76		L	02:32:14.815						T__		8010.2	18.50	a_e	Ms	5.1
NEUB	20.36		P	02:23:08.107	-0.8	328.8		10.72		TAS		223.7	1.51	m_e	mb	5.2
NRDL	18.70		P	02:22:49.941	-0.9	328.8		10.72		TAS		161.6	1.43	m_e	mb	5.1
PLN	21.08		P	02:23:15.884	-0.7	328.8		10.72		TAS		107.6	1.27	m_e	mb	5.0
STU	21.54		P	02:23:20.212		328.8		10.72		TAS		202.3	1.70	m_e	mb	5.3

TANN	21.25	P	02:23:17.643	328.8	10.72	TAS	240.7	1.55	m_e	mb	5.3
TANN	21.25	pP	02:23:20.520			T__				m_e	
TNS	20.04	P	02:23:04.135	-0.2 328.8	10.72	TAS	86.2	1.46	m_e	mb	4.8
UBBA	20.05	P	02:23:05.272	1.1 328.8	10.72	TAS	187.1	1.64	m_e	mb	5.1
UBR	22.79	P	02:23:34.298	328.8	10.72	TAS				m_e	
WERN	21.32	P	02:23:18.477	328.8	10.72	TAS	157.9	1.55	m_e	mb	5.1
WERN	21.32	pP	02:23:21.399			T__				m_e	
WLF	19.80	P	02:23:02.865	-0.2 328.8	10.72	TAS	115.4	1.51	m_e	mb	4.9

Event 41202003 Carlsberg Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/02	04:53:46.10			5.9500	61.2700				10.0			34		58.59	63.61	m i ke	EMSC
41202035																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	41202009
MBB	6.0		BGR	41202009
Ms	5.2		BGR	41202009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	63.22		P	05:04:14.784	0.0	118.8		6.99		TAS		215.7	1.52	m_e	MBB	6.3
ASSE	61.94		P	05:04:05.641	0.2	118.8		6.99		TAS		132.5	1.36	m_e	MBB	6.1
BFO	61.53		P	05:04:02.640	0.4	118.8		6.99		TAS		219.6	1.34	m_e	MBB	6.3
BRG	59.55		P	05:03:48.998	0.1	118.8		6.99		TAS		86.0	1.43	m_e	MBB	5.8
BSEG	63.03		P	05:04:12.688	0.4	118.8		6.99		TAS		76.0	1.45	m_e	mb	5.6
BUG	63.50		P	05:04:16.236	-0.2	118.8		6.99		TAS		130.8	1.41	m_e	MBB	6.1
CLL	60.28		P	05:03:54.267	0.3	118.8		6.99		TAS		153.0	1.51	m_e	MBB	6.0
CLZ	61.97		P	05:04:06.016	-0.3	118.8		6.99		TAS		198.1	1.28	m_e	MBB	6.4
FBE	59.89		P	05:03:51.717	0.4	118.8		6.99		TAS		135.0	1.31	m_e	MBB	5.9
FLT1	61.74		P	05:04:03.906	-0.3	118.8		6.99		TAS		145.9	1.36	m_e	MBB	6.2
FUR	59.70		P	05:03:49.654	0.1	118.8		6.99		TAS		366.7	1.20	m_e	MBB	6.4
GEC2	58.62		P	05:03:41.871	-0.5	118.8		6.99		TAS		58.2	1.45	m_e	MBB	5.6
GEC2	58.62		pP	05:03:46.285						T__					m_e	
GOR1	62.04		P	05:04:05.921	-0.2	118.8		6.99		TAS		118.4	1.34	m_e	MBB	6.2
GRA1	60.45		P	05:03:54.670	-0.5	118.8		6.99		TAS		180.6	1.21	m_e	mb	6.0
GRA1	60.45		pP	05:03:59.133						T__					m_e	
GRA1	60.45		L	06:00:31.367						T__		1396.7	20.50	a_e	Ms	5.1
GUNZ	60.16		P	05:03:53.686	0.5	118.8		6.99		TAS		180.3	1.24	m_e	MBB	6.0
GUNZ	60.16		pP	05:03:57.639						T__					m_e	
IBBN	63.61		P	05:04:17.127		118.8		6.99		TAS		392.0	2.47	m_e	MBB	6.2
KAST	62.75		P	05:04:11.267	-0.5	118.8		6.99		TAS		144.7	1.38	m_e	MBB	6.1
MANZ	60.10		P	05:03:52.373	-0.3	118.8		6.99		TAS		57.6	1.40	m_e	mb	5.4
MOX	60.70		P	05:03:56.967	0.1	118.8		6.99		TAS		39.7	1.22	m_e	mb	5.1
MOX	60.70		L	05:52:40.254						T__		2422.4	21.10	a_e	Ms	5.3
NEUB	60.89		P	05:03:58.468	0.2	118.8		6.99		TAS		137.0	1.39	m_e	mb	5.6

NRDL	62.43	P	05:04:09.297	0.1	118.8	6.99	TAS	186.1	1.41	m_e	MBB	6.4
PLN	60.32	P	05:03:54.342	0.1	118.8	6.99	TAS	151.0	1.87	m_e	MBB	5.9
RJOB	58.59	P	05:03:41.918	-0.0	118.8	6.99	TAS	25.4	1.18	m_e	MBB	5.4
RJOB	58.59	pP	05:03:46.357				T__			m_e		
ROTZ	59.93	P	05:03:51.201	-0.3	118.8	6.99	TAS	59.5	1.29	m_e	MBB	5.7
ROTZ	59.93	pP	05:03:55.561				T__			m_e		
RUE	60.49	P	05:03:55.795	0.4	118.8	6.99	TAS	256.3	1.31	m_e	MBB	6.3
STU	61.21	P	05:03:59.593	-0.5	118.8	6.99	TAS	66.3	1.45	m_e	mb	5.3
TANN	60.12	P	05:03:53.029	0.2	118.8	6.99	TAS	176.6	1.44	m_e	MBB	6.1
TNS	62.29	P	05:04:07.703	0.3	118.8	6.99	TAS	125.3	1.41	m_e	MBB	6.1
UBBA	61.68	P	05:04:03.719	-0.0	118.8	6.99	TAS	91.0	1.55	m_e	MBB	6.0
UBR	60.17	P	05:03:53.217	0.5	118.8	6.99	TAS	128.3	1.40	m_e	MBB	6.1
WERD	60.22	P	05:03:53.686	0.1	118.8	6.99	TAS	39.8	1.26	m_e	MBB	5.4
WERN	60.10	P	05:03:53.217	0.5	118.8	6.99	TAS	220.8	1.25	m_e	MBB	6.1
WET	59.24	P	05:03:45.669	-1.0	118.8	6.99	TAS	43.2	1.41	m_e	MBB	5.7
WLF	63.39	P	05:04:15.392	-0.2	118.8	6.99	TAS	147.5	1.38	m_e	MBB	6.2

Event 41202004 Mindanao, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/02	05:11:32.20		6.2800	123.2000				626.0				22		96.67	99.15	m i ke	EMSC
41202036																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	98.58		Pdiff	05:24:04.709	0.3					T__					m_e
BSEG	98.10		Pdiff	05:24:02.609	-0.1					T__					m_e
CLL	97.52		Pdiff	05:23:59.460	0.2					T__					m_e
CLZ	98.86		Pdiff	05:24:06.319						T__					m_e
FBE	97.44		Pdiff	05:23:59.670	0.0					T__					m_e
FLT1	98.19		Pdiff	05:24:02.329	0.1					T__					m_e
GEC2	97.91		Pdiff	05:24:01.489	-0.0					T__					m_e
GOR1	97.90		Pdiff	05:24:01.909	-0.1					T__					m_e
GRA1	99.15		Pdiff	05:24:07.368						T__					m_e
GUNZ	98.24		Pdiff	05:24:03.099	0.1					T__					m_e
MANZ	98.51		Pdiff	05:24:03.874	-0.2					T__					m_e
MOX	98.57		Pdiff	05:24:04.429	0.4					T__					m_e
NEUB	98.28		Pdiff	05:24:03.169	-0.1					T__					m_e
NRDL	98.77		Pdiff	05:24:06.056						T__					m_e
PLN	98.30		Pdiff	05:24:03.309	-0.4					T__					m_e
ROTZ	98.52		Pdiff	05:24:04.569	-0.1					T__					m_e
RUE	96.67		Pdiff	05:23:56.240	0.3					T__					m_e
SKMB	98.27		Pdiff	05:24:03.580	0.2					T__					m_e
TANN	98.15		Pdiff	05:24:02.609	-0.6					T__					m_e
WERD	98.23		Pdiff	05:24:02.927	0.0					T__					m_e

WERN	98.24	Pdiff	05:24:03.169	-0.1	T__	m_e
WET	98.32	Pdiff	05:24:03.449	-0.0	T__	m_e

Event 41202007 South of Aleutian Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/02	16:33:09.46			50.8550	-170.8980				24.8					79.82	79.82	m i ke	BGR
OrigID 41202013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	41202013
Ms	4.6		BGR	41202013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.82		P	16:45:14.054		3.8		4.83		TAS		94.3	1.85	m_e mb	5.4
GRA1	79.82		pP	16:45:21.205						T__				m_e	
GRA1	79.82		L	17:25:07.483						T__		300.4	20.20	a_e Ms	4.6

Event 41203006 Peru-Ecuador border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2014/12/03	12:59:37.13			-1.0000	-75.3300				150.0					26	85.24	90.31	m i ke	BGR
OrigID 41203012																		

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	41203012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	85.93		P	13:12:00.293	0.1	266.7		4.74		TAS		51.8	1.08	m_e mb	5.6
BRG	90.31		P	13:12:20.823		266.7		4.74		TAS		24.9	1.10	m_e mb	5.4
BSEG	88.23		P	13:12:10.993	0.2	266.7		4.74		TAS		34.1	1.43	m_e mb	5.5
BUG	86.15		P	13:12:01.069	-0.1	266.7		4.74		TAS		47.2	0.94	m_e mb	5.6
CLL	89.73		P	13:12:17.958		266.7		4.74		TAS		33.9	1.59	m_e mb	5.3
CLZ	88.12		P	13:12:10.735	-0.2	266.7		4.74		TAS		47.3	1.52	m_e mb	5.6
FBE	89.94		P	13:12:19.315		266.7		4.74		TAS		22.1	1.19	m_e mb	5.3
FLT1	88.68		P	13:12:12.751	0.2	266.7		4.74		TAS		63.2	1.71	m_e mb	5.6
GOR1	88.76		P	13:12:13.474	0.3	266.7		4.74		TAS		38.2	1.29	m_e mb	5.5
GRA1	88.52		P	13:12:12.544	-0.0	266.7		4.74		TAS		56.5	1.65	m_e mb	5.5
GUNZ	89.27		P	13:12:16.110		266.7		4.74		TAS		31.5	1.67	m_e mb	5.3
IBBN	86.55		P	13:12:03.136	-0.1	266.7		4.74		TAS		56.2	0.82	m_e mb	5.7
KAST	86.84		P	13:12:04.118	0.3	266.7		4.74		TAS		19.9	1.02	m_e mb	5.2
MANZ	89.11		P	13:12:15.387	-0.1	266.7		4.74		TAS		12.4	0.86	m_e mb	5.2
MOX	88.82		P	13:12:13.681	0.3	266.7		4.74		TAS		115.4	2.87	m_e mb	5.6

NRDL	88.00	P	13:12:10.218	-0.1	266.7		4.74	TAS	13.9	1.02	m_e	mb	5.2
PLN	89.16	P	13:12:15.387	-0.2	266.7		4.74	TAS	29.7	1.42	m_e	mb	5.3
RJOB	89.47	P	13:12:16.524		266.7		4.74	TAS	4.1	1.07	m_e	mb	4.6
ROTZ	89.16	P	13:12:15.593	0.2	266.7		4.74	TAS	32.5	1.52	m_e	mb	5.3
TANN	89.35	P	13:12:16.627		266.7		4.74	TAS	49.1	1.19	m_e	mb	5.6
TNS	86.77	P	13:12:04.015	-0.4	266.7		4.74	TAS	37.9	1.24	m_e	mb	5.4
UBR	87.65	P	13:12:08.305	-0.1	266.7		4.74	TAS	31.0	0.94	m_e	mb	5.6
WERD	89.25	P	13:12:15.852	-0.1	266.7		4.74	TAS	12.8	1.16	m_e	mb	5.0
WERN	89.29	P	13:12:16.369		266.7		4.74	TAS	32.6	1.54	m_e	mb	5.3
WET	89.57	P	13:12:17.248		266.7		4.74	TAS	20.5	1.20	m_e	mb	5.2
WLF	85.24	P	13:11:56.934	0.1	266.7		4.74	TAS	77.6	1.17	m_e	mb	5.8

Event 41204007 Mid-Indian Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/04	10:53:29.47			-12.3540	65.4030				28.1					77.89	77.89	m i ke	BGR
OrigID 41204013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	41204013
Ms	4.5		BGR	41204013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	77.89		P	11:05:26.117		124.3		6.71		TAS		27.2	1.54	m_e	mb 5.1
GRA1	77.89		pP	11:05:34.323						T__				m_e	
GRA1	77.89		L	11:40:45.908						T__		244.9	19.40	a_e	Ms 4.5

Event 41204012 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/04	18:45:13.60			-24.7400	-176.9300				103.0					154.29	154.29	m i ke	EMSC
OrigID 41204044																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	154.29		PKPab	19:05:15.415		17.3		3.83		TAS				m_e	
GRA1	154.29		pPKPab	19:05:44.172		17.3		3.83		TAS				m_e	

Event 41205005 Western Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/05	16:01:31.73			35.0200	134.9350				33.0			18		79.34	84.33	m i k e	BGR
OrigID 41205011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	41205011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	84.33		P	16:13:49.274	0.0	43.5		5.24		TAS		7.3	0.88	m_e	mb	4.9
BSEG	79.34		P	16:13:23.394	0.4	43.5		5.24		TAS		22.0	1.24	m_e	mb	5.0
CLL	80.08		P	16:13:27.069	-0.2	43.5		5.24		TAS		7.9	0.89	m_e	mb	4.6
CLZ	80.84		P	16:13:31.140	0.0	43.5		5.24		TAS		8.4	0.95	m_e	mb	4.7
FBE	80.20		P	16:13:27.620	-0.4	43.5		5.24		TAS		7.4	0.93	m_e	mb	4.6
FLT1	80.12		P	16:13:27.300	0.7	43.5		5.24		TAS		7.8	0.91	m_e	mb	4.6
GEC2	81.51		P	16:13:34.430	-0.7	43.5		5.24		TAS		1.9	0.88	m_e	mb	4.2
GRA1	82.04		P	16:13:37.611	-0.0	43.5		5.24		TAS		10.8	0.95	m_e	mb	5.0
GUNZ	81.06		P	16:13:32.504	0.6	43.5		5.24		TAS		2.4	0.79	m_e	mb	4.3
KAST	82.14		P	16:13:38.123	-0.6	43.5		5.24		TAS		4.3	0.94	m_e	mb	4.6
MANZ	81.43		P	16:13:34.345	-0.1	43.5		5.24		TAS		2.2	0.73	m_e	mb	4.3
MOX	81.17		P	16:13:33.000	-0.3	43.5		5.24		TAS		4.4	1.13	m_e	mb	4.4
NEUB	80.71		P	16:13:30.401	-0.7	43.5		5.24		TAS		9.4	0.93	m_e	mb	4.8
RJOB	82.72		P	16:13:41.414	0.5	43.5		5.24		TAS		3.2	0.91	m_e	mb	4.5
ROTZ	81.54		P	16:13:35.305	0.3	43.5		5.24		TAS		19.2	1.47	m_e	mb	5.0
TANN	80.96		P	16:13:31.719	-0.3	43.5		5.24		TAS		5.0	0.87	m_e	mb	4.6
WERN	81.09		P	16:13:32.495	0.4	43.5		5.24		TAS		243.7	2.49	m_e	mb	5.8
WET	81.68		P	16:13:35.400	-0.1	43.5		5.24		TAS		3.3	1.04	m_e	mb	4.4
WLF	84.25		P	16:13:49.202		43.5		5.24		TAS		22.1	1.20	m_e	mb	5.3

Event 41205006 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/05	16:12:46.90			36.2280	72.0810				114.8			24		43.48	48.58	m i k e	BGR
OrigID 41205012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	41205012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	47.85		P	16:21:11.477		83.3		7.90		TAS		12.6	0.86	m_e	mb	5.1
BFO	47.40		P	16:21:07.920	0.2	83.3		7.90		TAS		3.9	0.81	m_e	mb	4.6
BRG	43.48		P	16:20:36.809	-0.2	83.3		7.90		TAS		14.1	0.64	m_e	mb	4.8
BSEG	45.52		P	16:20:52.034	0.3	83.3		7.90		TAS		25.6	0.74	m_e	mb	5.3
BUG	47.60		P	16:21:09.353		83.3		7.90		TAS		9.0	0.79	m_e	mb	5.0
CLL	44.04		P	16:20:41.047	-0.6	83.3		7.90		TAS		8.5	0.67	m_e	mb	4.6
CLZ	45.63		P	16:20:53.901	-0.6	83.3		7.90		TAS		6.4	0.69	m_e	mb	4.8

FBE	43.85	P	16:20:39.690	0.1	83.3	7.90	TAS	16.5	0.74	m_e	mb	4.8
FLT1	45.06	P	16:20:48.963	0.9	83.3	7.90	TAS	28.5	0.74	m_e	mb	5.3
GEC2	43.80	P	16:20:39.396	-0.1	83.3	7.90	TAS	1.8	0.77	m_e	mb	3.9
GRA1	45.32	P	16:20:52.111		83.3	7.90	TAS			m_e		
GUNZ	44.54	P	16:20:45.542	-0.1	83.3	7.90	TAS	4.0	0.72	m_e	mb	4.4
IBBN	47.19	P	16:21:05.944	-0.2	83.3	7.90	TAS	17.8	0.73	m_e	mb	5.3
KAST	46.92	P	16:21:03.918		83.3	7.90	TAS			m_e		
MANZ	44.72	P	16:20:47.121	-0.4	83.3	7.90	TAS	4.1	0.78	m_e	mb	4.4
MOX	44.97	P	16:20:48.851	-0.6	83.3	7.90	TAS	5.7	0.68	m_e	mb	4.6
NEUB	44.82	P	16:20:47.577	-0.1	83.3	7.90	TAS	13.1	0.79	m_e	mb	4.9
NRDL	45.74	P	16:20:54.506	0.2	83.3	7.90	TAS	11.4	0.85	m_e	mb	4.9
RJOB	44.53	P	16:20:45.311	0.3	83.3	7.90	TAS			m_e		
ROTZ	44.68	P	16:20:46.753	0.3	83.3	7.90	TAS	3.5	0.84	m_e	mb	4.3
TANN	44.45	P	16:20:44.750	-0.1	83.3	7.90	TAS	6.7	0.76	m_e	mb	4.4
UBBA	45.97	P	16:20:56.580	-0.1	83.3	7.90	TAS	6.9	0.59	m_e	mb	4.9
UBR	46.33	P	16:20:59.557	-0.2	83.3	7.90	TAS	8.2	0.74	m_e	mb	4.8
WERD	44.55	P	16:20:45.541	0.3	83.3	7.90	TAS	3.2	0.75	m_e	mb	4.3
WERN	44.52	P	16:20:45.232	0.4	83.3	7.90	TAS	2.1	0.81	m_e	mb	4.1
WET	44.31	P	16:20:43.472	0.4	83.3	7.90	TAS	1.7	0.72	m_e	mb	3.9
WLF	48.58	P	16:21:17.534		83.3	7.90	TAS	12.9	0.82	m_e	mb	5.0

Event 41205007 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/05	16:55:28.17			-19.3900	-177.4200				33.0			26		145.01	151.12	m i ke	BGR
OrigID 41205013																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.72		PKPbc	17:15:06.307	0.4	14.4		2.72		TAS				m_e	
BFO	150.76		PKPbc	17:15:16.952		14.4		2.72		TAS				m_e	
BRG	147.32		PKPbc	17:15:07.934	-0.0	14.4		2.72		TAS				m_e	
BSEG	145.01		PKPbc	17:15:00.994	-0.6	14.4		2.72		TAS				m_e	
BUG	147.80		PKPbc	17:15:09.089	-0.0	14.4		2.72		TAS				m_e	
CLL	147.10		PKPbc	17:15:07.053	-0.2	14.4		2.72		TAS				m_e	
CLZ	147.04		PKPbc	17:15:07.262	-0.0	14.4		2.72		TAS				m_e	
FBE	147.40		PKPbc	17:15:07.983	-0.0	14.4		2.72		TAS				m_e	
FLT1	146.44		PKPbc	17:15:05.361	0.2	14.4		2.72		TAS				m_e	
GEC2	149.28		PKPbc	17:15:13.258		14.4		2.72		TAS				m_e	
GRA1	148.99		PKPbc	17:15:12.233	-0.4	14.4		2.72		TAS				m_e	
GUNZ	148.13		PKPbc	17:15:10.390	0.2	14.4		2.72		TAS				m_e	
KAST	147.92		PKPbc	17:15:09.254	0.2	14.4		2.72		TAS				m_e	
MANZ	148.54		PKPbc	17:15:11.488	0.5	14.4		2.72		TAS				m_e	
MOX	148.00		PKPbc	17:15:09.795	0.2	14.4		2.72		TAS				m_e	
NEUB	147.44		PKPbc	17:15:08.103	-0.2	14.4		2.72		TAS				m_e	

NRDL	146.44	PKPbc	17:15:05.139	-0.0	14.4		2.72		TAS		m_e
RJOB	150.53	PKPbc	17:15:16.768		14.4		2.72		TAS		m_e
ROTZ	148.73	PKPbc	17:15:11.909	-0.3	14.4		2.72		TAS		m_e
TANN	148.06	PKPbc	17:15:10.064	0.4	14.4		2.72		TAS		m_e
TNS	148.88	PKPbc	17:15:12.402	-0.1	14.4		2.72		TAS		m_e
UBBA	148.09	PKPbc	17:15:09.819	0.2	14.4		2.72		TAS		m_e
UBR	151.12	PKPbc	17:15:17.939		14.4		2.72		TAS		m_e
WERD	148.06	PKPbc	17:15:09.944	0.2	14.4		2.72		TAS		m_e
WERN	148.20	PKPbc	17:15:10.402	0.2	14.4		2.72		TAS		m_e
WLF	149.66	PKPbc	17:15:14.828	-0.4	14.4		2.72		TAS		m_e

Event 41205008 Tuva-Buryatia-Mongolia border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/05	18:04:14.01			50.2850	103.5030				10.0					55.48	55.48	m i ke	BGR
OrigID 41205014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	41205014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	55.48		P	18:13:47.354		50.9		6.23		TAS		5.7	0.85	m_e mb	4.6

Event 41205009 Myanmar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/05	18:44:02.61			23.7100	96.8400				10.0				25	67.41	71.72	m i ke	BGR
OrigID 41205015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	41205015
Ms	5.5		BGR	41205015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	71.72		P	18:55:24.693		77.9		6.20		TAS		6.7	0.92	m_e mb	4.7
BRG	67.60		P	18:54:59.579	-0.2	77.9		6.20		TAS		13.0	0.95	m_e mb	5.0
BSEG	69.19		P	18:55:09.816		77.9		6.20		TAS		26.6	1.04	m_e mb	5.3
BUG	71.57		P	18:55:23.930		77.9		6.20		TAS				m_e	
CLL	68.10		P	18:55:02.803		77.9		6.20		TAS		10.6	0.98	m_e mb	4.9
CLZ	69.60		P	18:55:12.104		77.9		6.20		TAS		19.8	0.97	m_e mb	5.2
FBE	67.95		P	18:55:01.841	0.1	77.9		6.20		TAS		18.8	0.93	m_e mb	5.2
FLT1	68.97		P	18:55:08.615	0.1	77.9		6.20		TAS		21.7	1.21	m_e mb	5.2
GEC2	68.13		P	18:55:03.116		77.9		6.20		TAS		40.6	1.39	m_e mb	5.4

GRA1	69.54	P	18:55:11.652		77.9		6.20	TAS									m_e	
GRA1	69.54	L	19:29:25.216					T__	3721.2	19.80	a_e	Ms						5.6
GUNZ	68.70	P	18:55:06.388	1.4	77.9		6.20	TAS	14.3	1.01	m_e	mb						5.1
KAST	70.93	P	18:55:20.666		77.9		6.20	TAS										
MANZ	68.92	P	18:55:08.135		77.9		6.20	TAS	24.1	1.32	m_e	mb						5.2
MOX	69.09	P	18:55:09.028		77.9		6.20	TAS	7.4	0.89	m_e	mb						4.8
MOX	69.09	L	19:29:13.370					T__	2317.9	19.70	a_e	Ms						5.4
NEUB	68.88	P	18:55:07.608	-1.1	77.9		6.20	TAS										
NRDL	69.61	P	18:55:12.444		77.9		6.20	TAS	20.7	1.07	m_e	mb						5.2
RJOB	68.95	P	18:55:08.353		77.9		6.20	TAS										
ROTZ	68.90	P	18:55:07.993		77.9		6.20	TAS										
RUE	67.41	P	18:54:58.267		77.9		6.20	TAS	33.3	0.89	m_e	mb						5.5
TANN	68.61	P	18:55:05.861		77.9		6.20	TAS										
UBBA	70.05	P	18:55:15.056		77.9		6.20	TAS										
UBR	70.73	P	18:55:19.201		77.9		6.20	TAS	7.7	0.94	m_e	mb						4.8
WERD	68.70	P	18:55:06.517	-0.6	77.9		6.20	TAS										
WERN	68.69	P	18:55:06.343	0.1	77.9		6.20	TAS	9.0	0.97	m_e	mb						4.9
WET	68.60	P	18:55:06.260	-0.0	77.9		6.20	TAS	9.3	0.92	m_e	mb						4.9

Event 41205010 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2014/12/05	21:04:57.27			65.5290	-17.4030				10.0			20		17.97	23.97	m i ke	BGR
41205016																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	41205016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	19.63		P	21:09:22.355	0.7	327.5		10.70		TAS		20.7	0.89	m_e	mb	4.4
ASSE	19.54		P	21:09:20.750		327.5		10.70		TAS						
BFO	21.95		P	21:09:46.691		327.5		10.70		TAS		31.2	0.93	m_e	mb	4.7
BRG	21.76		P	21:09:44.668		327.5		10.70		TAS		36.8	0.92	m_e	mb	4.8
BSEG	17.97		P	21:09:02.317	-1.7	327.5		10.70		TAS		21.3	0.94	m_e	mb	4.3
BUG	18.93		P	21:09:14.492	-0.7	327.5		10.70		TAS		52.4	1.09	m_e	mb	4.7
CLL	21.06		P	21:09:37.445	0.5	327.5		10.70		TAS		48.8	1.11	m_e	mb	4.7
CLZ	19.67		P	21:09:22.955		327.5		10.70		TAS		65.2	1.00	m_e	mb	4.8
FBE	21.50		P	21:09:41.634	0.2	327.5		10.70		TAS		53.4	1.02	m_e	mb	4.9
FLT1	19.59		P	21:09:21.443		327.5		10.70		TAS		26.7	0.94	m_e	mb	4.5
FUR	23.08		P	21:09:59.374		327.5		10.70		TAS						
GEC2	23.35		P	21:10:02.311		327.5		10.70		TAS		30.9	1.14	m_e	mb	4.7
GRA1	21.76		P	21:09:45.541	0.5	327.5		10.70		TAS						
GUNZ	21.59		P	21:09:43.078	-0.4	327.5		10.70		TAS						
IBBN	18.37		P	21:09:07.721		327.5		10.70		TAS		12.0	0.81	m_e	mb	4.1
KAST	19.51		P	21:09:20.657	0.7	327.5		10.70		TAS		16.1	0.97	m_e	mb	4.2
MANZ	21.82		P	21:09:46.502		327.5		10.70		TAS						

MOX	21.10	P	21:09:38.407	0.9	327.5	10.70	TAS	32.1	0.99	m_e	mb	4.6
NEUB	20.70	P	21:09:34.330	-0.1	327.5	10.70	TAS	58.9	0.93	m_e	mb	4.9
NRDL	19.04	P	21:09:15.221	-0.5	327.5	10.70	TAS	42.2	1.09	m_e	mb	4.6
RJOB	23.97	P	21:10:08.247		327.5	10.70	TAS			m_e		
ROTZ	22.04	P	21:09:48.429		327.5	10.70	TAS			m_e		
STU	21.85	P	21:09:46.167	-0.1	327.5	10.70	TAS			m_e		
TANN	21.59	P	21:09:43.163	-0.3	327.5	10.70	TAS	48.0	0.97	m_e	mb	4.9
TNS	20.36	P	21:09:30.208		327.5	10.70	TAS	26.6	0.85	m_e	mb	4.5
UBBA	20.38	P	21:09:30.853	-0.1	327.5	10.70	TAS			m_e		
UBR	23.10	P	21:09:59.214		327.5	10.70	TAS			m_e		
WERD	21.51	P	21:09:42.353	-0.1	327.5	10.70	TAS			m_e		
WERN	21.67	P	21:09:44.522	-0.1	327.5	10.70	TAS			m_e		
WET	22.80	P	21:09:56.460		327.5	10.70	TAS	32.7	1.19	m_e	mb	4.7

Event 41206001 Aegean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/06	01:45:00.70			38.9400	26.2200				1.0			26		13.13	19.43	m i ke	EMSC
41206037																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	41206007
Ms	3.9		BGR	41206007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	17.81		P	01:49:16.741		131.2		13.26		TAS				m_e		
ASSE	17.05		P	01:49:07.754	-0.8	131.2		13.26		TAS		30.6	1.05	m_e	mb	4.4
BFO	15.96		P	01:48:51.133	-0.1	131.2		13.26		TAS				m_e		
BRG	14.74		P	01:48:35.337	0.2	131.2		13.26		TAS		19.8	0.88	m_e		
BSEG	18.51		P	01:49:24.988		131.2		13.26		TAS				m_e		
BUG	18.23		P	01:49:23.122		131.2		13.26		TAS				m_e		
CLL	15.46		P	01:48:45.511	0.3	131.2		13.26		TAS		23.9	0.85	m_e		
CLZ	16.99		P	01:49:07.555	-0.3	131.2		13.26		TAS				m_e		
FBE	15.02		P	01:48:39.709	0.6	131.2		13.26		TAS				m_e		
FLT1	16.95		P	01:49:06.371	-0.2	131.2		13.26		TAS		39.5	1.05	m_e		
FUR	14.21		P	01:48:28.776	-0.5	131.2		13.26		TAS				m_e		
GEC2	13.38		P	01:48:18.878	-0.4	131.2		13.26		TAS		24.0	0.81	m_e		
GRA1	15.16		P	01:48:42.402	1.2	131.2		13.26		TAS		52.0	0.82	m_e		
GRA1	15.16		L	01:55:52.247						T__		839.7	18.20	a_e	Ms	3.9
IBBN	18.51		P	01:49:26.566		131.2		13.26		TAS				m_e		
KAST	17.51		P	01:49:13.807	-0.4	131.2		13.26		TAS		15.0	0.88	m_e		
MANZ	14.92		P	01:48:39.042	-0.4	131.2		13.26		TAS				m_e		
MOX	15.60		P	01:48:48.879	0.6	131.2		13.26		TAS				m_e		
MOX	15.60		L	01:56:30.538						T__		617.0	18.40	a_e	Ms	3.8
NEUB	15.91		P	01:48:52.918	0.3	131.2		13.26		TAS				m_e		
NRDL	17.56		P	01:49:14.199		131.2		13.26		TAS				m_e		

RJOB	13.13	P	01:48:15.021	0.2	131.2	13.26	TAS									m_e
ROTZ	14.73	P	01:48:36.051	-0.7	131.2	13.26	TAS									m_e
RUE	16.05	P	01:48:52.432	0.1	131.2	13.26	TAS	63.7	0.84							m_e
SKMB	19.43	P	01:49:36.836		131.2	13.26	TAS									m_e
STU	15.70	P	01:48:48.852	0.7	131.2	13.26	TAS									m_e
TANN	15.05	P	01:48:40.554	0.5	131.2	13.26	TAS	41.7	0.84							m_e
TNS	16.91	P	01:49:05.843	-0.3	131.2	13.26	TAS									m_e
UBBA	16.48	P	01:49:00.612	-0.5	131.2	13.26	TAS									m_e
UBR	14.60	P	01:48:32.148	-0.5	131.2	13.26	TAS	123.0	0.92							m_e
WERD	15.14	P	01:48:42.028		131.2	13.26	TAS	21.6	0.83							m_e
WERN	15.00	P	01:48:40.245	0.2	131.2	13.26	TAS									m_e
WET	13.98	P	01:48:26.890	0.2	131.2	13.26	TAS	44.4	0.78							m_e
WLF	17.87	P	01:49:16.040		131.2	13.26	TAS									m_e

Event 41206002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/06	01:50:30.55			-18.7980	-176.0050				33.0			20		144.59	150.76	m i ke	BGR
41206008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.33		PKPbc	02:10:07.269	-0.2	13.2		2.72		TAS					m_e
BFO	150.33		PKPbc	02:10:18.075		13.2		2.72		TAS					m_e
BRG	147.03		PKPbc	02:10:09.464	0.1	13.2		2.72		TAS					m_e
BSEG	144.59		PKPbc	02:10:02.171	-0.4	13.2		2.72		TAS					m_e
CLL	146.79		PKPbc	02:10:08.316	0.2	13.2		2.72		TAS					m_e
CLZ	146.65		PKPbc	02:10:08.047	0.1	13.2		2.72		TAS					m_e
FBE	147.10		PKPbc	02:10:09.643	0.2	13.2		2.72		TAS					m_e
FLT1	146.06		PKPbc	02:10:06.221	0.2	13.2		2.72		TAS					m_e
GEC2	149.01		PKPbc	02:10:14.748		13.2		2.72		TAS					m_e
GRA1	148.64		PKPbc	02:10:13.763		13.2		2.72		TAS					m_e
GUNZ	147.81		PKPbc	02:10:11.633	0.2	13.2		2.72		TAS					m_e
IBBN	146.43		PKPbc	02:10:07.490	0.1	13.2		2.72		TAS					m_e
KAST	147.48		PKPbc	02:10:10.610	0.1	13.2		2.72		TAS					m_e
MANZ	148.21		PKPbc	02:10:12.786	-0.4	13.2		2.72		TAS					m_e
MOX	147.65		PKPbc	02:10:10.935	0.6	13.2		2.72		TAS					m_e
NEUB	147.09		PKPbc	02:10:09.469	0.1	13.2		2.72		TAS					m_e
NRDL	146.03		PKPbc	02:10:06.065	0.1	13.2		2.72		TAS					m_e
RJOB	150.25		PKPbc	02:10:17.758		13.2		2.72		TAS					m_e
ROTZ	148.41		PKPbc	02:10:13.240		13.2		2.72		TAS					m_e
RUE	145.53		PKPbc	02:10:04.685	-0.3	13.2		2.72		TAS					m_e
TANN	147.74		PKPbc	02:10:11.214	0.3	13.2		2.72		TAS					m_e
TNS	148.45		PKPbc	02:10:13.566		13.2		2.72		TAS					m_e
UBBA	147.70		PKPbc	02:10:10.874	0.1	13.2		2.72		TAS					m_e

UBR	150.76	PKPbc	02:10:19.069	13.2	2.72	TAS	m_e
WERD	147.73	PKPbc	02:10:11.354	0.4 13.2	2.72	TAS	m_e
WERN	147.88	PKPbc	02:10:11.693	-0.2 13.2	2.72	TAS	m_e
WLF	149.16	PKPbc	02:10:15.943	-0.2 13.2	2.72	TAS	m_e

Event 41206003 Aegean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/06	06:20:56.40			38.7940	25.7130				10.0			17		12.97	18.44	m i ke	BGR
41206009																	

Magnitude	Err	Nsta	Author	OrigID
Ms	3.6		BGR	41206009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	15.77		P	06:24:43.255		131.1		11.99		TAS				m_e	
BRG	14.66		P	06:24:29.104	1.3	131.1		11.99		TAS				m_e	
BSEG	18.44		P	06:25:12.201		131.1		11.99		TAS				m_e	
BUG	18.08		P	06:25:09.333	2.7	131.1		11.99		TAS				m_e	
CLL	15.37		P	06:24:38.814	0.6	131.1		11.99		TAS				m_e	
CLZ	16.88		P	06:24:56.185	0.6	131.1		11.99		TAS				m_e	
FBE	14.93		P	06:24:32.969	0.5	131.1		11.99		TAS				m_e	
FLT1	16.87		P	06:24:54.169		131.1		11.99		TAS				m_e	
GRA1	15.02		P	06:24:35.307	-1.3	131.1		11.99		TAS				m_e	
GRA1	15.02		L	06:28:55.774						T__		354.2	21.50	a_e Ms	3.5
GUNZ	14.96		P	06:24:34.322	0.3	131.1		11.99		TAS				m_e	
IBBN	18.39		P	06:25:13.165	2.7	131.1		11.99		TAS				m_e	
KAST	17.37		P	06:25:02.386	2.7	131.1		11.99		TAS				m_e	
MANZ	14.80		P	06:24:31.986	-0.9	131.1		11.99		TAS				m_e	
MOX	15.48		P	06:24:40.323	1.3	131.1		11.99		TAS				m_e	
MOX	15.48		L	06:31:36.542						T__		503.0	19.70	a_e Ms	3.7
NEUB	15.81		P	06:24:43.321	1.3	131.1		11.99		TAS				m_e	
RJOB	12.97		P	06:24:06.243		131.1		11.99		TAS				m_e	
ROTZ	14.60		P	06:24:30.623	0.1	131.1		11.99		TAS				m_e	
RUE	15.99		P	06:24:42.222	2.7	131.1		11.99		TAS				m_e	
TANN	14.94		P	06:24:34.239	-0.1	131.1		11.99		TAS		18.5	0.83	m_e	
UBR	14.41		P	06:24:25.535		131.1		11.99		TAS				m_e	
WERD	15.03		P	06:24:35.544	0.1	131.1		11.99		TAS				m_e	
WERN	14.89		P	06:24:33.455	0.7	131.1		11.99		TAS				m_e	
WET	13.85		P	06:24:20.842	1.1	131.1		11.99		TAS				m_e	

Event 41206004 Myanmar-China border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2014/12/06 10:19:59.86 22.3830 100.0740 10.0 21 70.36 75.72 m i ke BGR
 41206010

Magnitude Err Nsta Author OrigID
 mb 5.6 BGR 41206010
 Ms 5.4 BGR 41206010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	74.89		P	10:31:40.789		75.9		5.97		TAS				m_e	
ASSE	72.30		P	10:31:24.874	-0.2	75.9		5.97		TAS				m_e	
BFO	74.74		P	10:31:39.703		75.9		5.97		TAS				m_e	
BRG	70.58		P	10:31:14.570	-0.0	75.9		5.97		TAS		34.9	0.85	m_e mb	5.5
BSEG	72.08		P	10:31:23.382	0.2	75.9		5.97		TAS				m_e	
BUG	74.52		P	10:31:38.550		75.9		5.97		TAS				m_e	
CLL	71.07		P	10:31:17.374	-0.0	75.9		5.97		TAS		30.9	0.93	m_e mb	5.4
CLZ	72.55		P	10:31:26.410	-0.3	75.9		5.97		TAS				m_e	
FBE	70.94		P	10:31:16.659	-0.0	75.9		5.97		TAS		62.2	0.94	m_e mb	5.7
FLT1	71.91		P	10:31:22.465	-0.2	75.9		5.97		TAS				m_e	
FUR	72.89		P	10:31:28.427		75.9		5.97		TAS				m_e	
GEC2	71.16		P	10:31:18.072	-0.0	75.9		5.97		TAS		33.6	0.96	m_e mb	5.4
GRA1	72.55		P	10:31:26.410		75.9		5.97		TAS				m_e	
GRA1	72.55		L	11:05:49.745						T__		2413.0	21.00	a_e Ms	5.4
GUNZ	71.69		P	10:31:21.393	0.3	75.9		5.97		TAS				m_e	
IBBN	73.99		P	10:31:34.873		75.9		5.97		TAS				m_e	
KAST	73.89		P	10:31:34.151		75.9		5.97		TAS				m_e	
MANZ	71.92		P	10:31:22.980	-0.0	75.9		5.97		TAS				m_e	
MOX	72.07		P	10:31:23.817	-0.6	75.9		5.97		TAS				m_e	
MOX	72.07		L	11:05:27.539						T__		1949.8	19.40	a_e Ms	5.4
NEUB	71.85		P	10:31:22.049	0.1	75.9		5.97		TAS				m_e	
NRDL	72.55		P	10:31:26.502		75.9		5.97		TAS				m_e	
ROTZ	71.91		P	10:31:22.616	-0.6	75.9		5.97		TAS				m_e	
RUE	70.36		P	10:31:13.219	-0.0	75.9		5.97		TAS		87.2	0.92	m_e mb	5.9
STU	74.07		P	10:31:35.435		75.9		5.97		TAS				m_e	
TANN	71.60		P	10:31:20.911	0.2	75.9		5.97		TAS		54.2	0.88	m_e mb	5.7
TNS	74.14		P	10:31:35.856		75.9		5.97		TAS				m_e	
UBBA	73.03		P	10:31:29.236		75.9		5.97		TAS				m_e	
UBR	73.77		P	10:31:33.561		75.9		5.97		TAS				m_e	
WERD	71.69		P	10:31:21.389	0.5	75.9		5.97		TAS		29.9	0.88	m_e mb	5.4
WERN	71.68		P	10:31:21.210	-0.2	75.9		5.97		TAS		30.3	0.90	m_e mb	5.4
WET	71.62		P	10:31:20.992	-0.5	75.9		5.97		TAS				m_e	
WLF	75.72		P	10:31:45.596		75.9		5.97		TAS				m_e	

Event 41206005 South of Panama

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

2014/12/06 17:21:53.08 7.9490 -82.8530 33.0 30 83.36 88.37 m i ke BGR
41206011

Magnitude Err Nsta Author OrigID
mb 5.4 BGR 41206011
Ms 5.7 BGR 41206011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.88	P		17:34:17.827	-0.2	277.5		4.78		TAS		30.9	0.87	m_e mb	5.6
ASSE	85.95	P		17:34:28.131	0.1	277.5		4.78		TAS				m_e	
BFO	84.91	P		17:34:22.746	-0.1	277.5		4.78		TAS		17.2	0.91	m_e mb	5.3
BRG	88.17	P		17:34:38.324	-0.4	277.5		4.78		TAS		21.1	0.93	m_e mb	5.5
BSEG	85.50	P		17:34:26.004	0.1	277.5		4.78		TAS		14.3	0.87	m_e mb	5.1
BUG	83.93	P		17:34:18.159	-0.1	277.5		4.78		TAS		26.9	0.89	m_e mb	5.5
CLL	87.51	P		17:34:35.523	-0.1	277.5		4.78		TAS		35.7	0.89	m_e mb	5.7
CLZ	85.80	P		17:34:27.162	0.5	277.5		4.78		TAS		32.7	0.94	m_e mb	5.4
FBE	87.79	P		17:34:36.707	-0.0	277.5		4.78		TAS		31.5	0.88	m_e mb	5.7
FLT1	86.27	P		17:34:29.255	-0.5	277.5		4.78		TAS		23.2	0.86	m_e mb	5.3
GEC2	88.37	P		17:34:39.584	-0.3	277.5		4.78		TAS		22.3	1.01	m_e mb	5.4
GRA1	86.63	P		17:34:30.724	-0.6	277.5		4.78		TAS		35.5	0.87	m_e mb	5.5
GRA1	86.63	L		18:13:35.073						T__		3281.4	18.10	a_e Ms	5.8
GUNZ	87.24	P		17:34:33.848	-0.2	277.5		4.78		TAS		30.6	1.10	m_e mb	5.3
IBBN	84.15	P		17:34:19.289	-0.1	277.5		4.78		TAS		33.6	0.98	m_e mb	5.5
KAST	84.66	P		17:34:21.217	-0.6	277.5		4.78		TAS		12.4	0.88	m_e mb	5.2
MANZ	87.16	P		17:34:33.649	-0.0	277.5		4.78		TAS		15.6	0.88	m_e mb	5.1
MOX	86.74	P		17:34:31.521	-0.2	277.5		4.78		TAS		14.2	0.87	m_e mb	5.1
MOX	86.74	L		18:13:23.093						T__		2541.8	18.40	a_e Ms	5.7
NEUB	86.76	P		17:34:32.253	0.4	277.5		4.78		TAS		23.4	0.83	m_e mb	5.4
NRDL	85.56	P		17:34:26.602	0.5	277.5		4.78		TAS		17.3	0.95	m_e mb	5.2
RJOB	87.96	P		17:34:37.704	0.3	277.5		4.78		TAS		9.8	1.01	m_e mb	5.1
ROTZ	87.25	P		17:34:34.247	0.1	277.5		4.78		TAS		10.8	0.87	m_e mb	5.0
STU	85.43	P		17:34:25.738	0.4	277.5		4.78		TAS		67.1	1.03	m_e mb	5.8
TANN	87.31	P		17:34:34.680	0.6	277.5		4.78		TAS		61.3	0.91	m_e mb	5.7
TNS	84.79	P		17:34:22.246	0.3	277.5		4.78		TAS		16.0	0.89	m_e mb	5.3
UBBA	85.70	P		17:34:26.801	0.1	277.5		4.78		TAS				m_e	
UBR	86.18	P		17:34:28.663	-0.1	277.5		4.78		TAS		21.3	0.88	m_e mb	5.3
WERD	87.21	P		17:34:33.715	-0.2	277.5		4.78		TAS		19.1	0.86	m_e mb	5.2
WERN	87.28	P		17:34:34.579	0.3	277.5		4.78		TAS		24.0	0.98	m_e mb	5.3
WET	87.78	P		17:34:36.640	0.0	277.5		4.78		TAS		44.5	0.98	m_e mb	5.8
WLF	83.36	P		17:34:15.258	0.0	277.5		4.78		TAS				m_e	

Event 41206009 Southern Xinjiang, China

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2014/12/06 22:56:11.20 37.0820 90.2510 10.0 56.26 56.26 m i ke BGR
41206015

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 41206015

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 56.26 P 23:05:50.603 75.3 6.76 TAS 5.7 0.65 m_e mb 4.7

Event 41207001 Bougainville - Solomon Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2014/12/07 01:40:27.83 -6.6960 154.3480 10.0 12 124.12 129.53 m i ke BGR
 41207007

Magnitude Err Nsta Author OrigID
 Ms 6.6 BGR 41207007

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 AHRW 128.49 PKPbc 01:41:08.415 49.4 2.08 TAS m_e
 ASSE 125.77 PKPbc 01:41:02.558 49.4 2.08 TAS m_e
 BRG 125.07 PKPbc 01:41:00.683 -0.4 49.4 2.08 TAS m_e
 BSEG 124.66 PKPbc 01:40:59.789 -0.1 49.4 2.08 TAS m_e
 CLL 125.24 PKPbc 01:41:00.813 -0.1 49.4 2.08 TAS m_e
 CLZ 126.10 PKPbc 01:41:03.140 -0.3 49.4 2.08 TAS m_e
 FBE 125.33 PKPbc 01:41:01.034 49.4 2.08 TAS m_e
 FLT1 125.38 PKPbc 01:41:01.459 0.2 49.4 2.08 TAS m_e
 GEC2 126.47 PKPbc 01:41:03.528 49.4 2.08 TAS m_e
 GRA1 127.16 PKPbc 01:41:04.627 -0.1 49.4 2.08 TAS m_e
 GRA1 127.16 L 02:43:03.082 T__ 10615.9 18.80 a_e Ms 6.5
 IBBN 126.91 PKPbc 01:41:04.886 -0.1 49.4 2.08 TAS m_e
 KAST 127.42 PKPbc 01:41:05.617 49.4 2.08 TAS m_e
 MANZ 126.54 PKPbc 01:41:03.522 -0.1 49.4 2.08 TAS m_e
 MOX 126.34 PKPbc 01:41:03.266 49.4 2.08 TAS m_e
 MOX 126.34 L 02:37:12.027 T__ 13404.8 20.80 a_e Ms 6.6
 NEUB 125.90 PKPbc 01:41:02.752 0.1 49.4 2.08 TAS m_e
 NRDL 125.77 PKPbc 01:41:02.494 0.2 49.4 2.08 TAS m_e
 RJOB 127.63 PKPbc 01:41:06.179 49.4 2.08 TAS m_e
 ROTZ 126.63 PKPbc 01:41:03.779 49.4 2.08 TAS m_e
 RUE 124.12 PKPbc 01:40:58.462 -0.1 49.4 2.08 TAS m_e
 TANN 126.09 PKPbc 01:41:03.269 -0.1 49.4 2.08 TAS m_e
 TNS 128.10 PKPbc 01:41:07.100 49.4 2.08 TAS m_e
 UBR 129.05 PKPbc 01:41:08.988 49.4 2.08 TAS m_e
 WERD 126.14 PKPbc 01:41:02.772 49.4 2.08 TAS m_e
 WERN 126.21 PKPbc 01:41:03.109 49.4 2.08 TAS m_e
 WET 126.70 PKPbc 01:41:03.916 49.4 2.08 TAS m_e
 WLF 129.53 PKPbc 01:41:10.169 49.4 2.08 TAS m_e

Event 41207004 Honduras

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/07	12:11:45.06			14.1270	-88.9280				63.4	0.6		25		82.99	87.60	m i ke	BGR
OrigID 41207010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	41207010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	82.99		P	12:24:02.137	0.4	286.8		4.95		TAS		10.2	0.86	m_e mb	5.1
BFO	84.33		P	12:24:07.992	-0.4	286.8		4.95		TAS		9.2	1.01	m_e mb	5.0
BRG	87.09		P	12:24:22.172	0.1	286.8		4.95		TAS				m_e	
BSEG	84.06		P	12:24:07.077	0.1	286.8		4.95		TAS		18.7	0.88	m_e mb	5.3
CLL	86.39		P	12:24:18.604	0.0	286.8		4.95		TAS		6.1	0.85	m_e mb	4.8
CLL	86.39		sP	12:24:43.250						T__				m_e	
CLZ	84.67		P	12:24:10.370	0.3	286.8		4.95		TAS		17.3	0.89	m_e mb	5.3
FBE	86.72		P	12:24:20.617	0.4	286.8		4.95		TAS		6.3	0.90	m_e mb	4.7
FLT1	85.04		P	12:24:11.285	-0.6	286.8		4.95		TAS		10.0	0.83	m_e mb	5.1
GEC2	87.60		P	12:24:24.459	-0.1	286.8		4.95		TAS		2.8	0.88	m_e mb	4.6
GRA1	85.79		P	12:24:16.408	0.8	286.8		4.95		TAS		18.0	0.94	m_e mb	5.2
GUNZ	86.28		P	12:24:17.964	-0.1	286.8		4.95		TAS		10.2	0.97	m_e mb	4.9
KAST	83.66		P	12:24:04.698	-0.3	286.8		4.95		TAS				m_e	
MANZ	86.25		P	12:24:17.781	-0.1	286.8		4.95		TAS		9.2	1.02	m_e mb	4.9
MOX	85.76		P	12:24:15.402	-0.1	286.8		4.95		TAS		5.8	0.87	m_e mb	4.7
NEUB	85.69		P	12:24:14.762	-0.3	286.8		4.95		TAS		10.8	0.86	m_e mb	5.0
NEUB	85.69		sP	12:24:39.588						T__				m_e	
NRDL	84.33		P	12:24:08.266	-0.1	286.8		4.95		TAS		14.3	0.98	m_e mb	5.2
RJOB	87.37		P	12:24:23.087	-0.3	286.8		4.95		TAS		2.6	1.18	m_e mb	4.2
ROTZ	86.38		P	12:24:18.147	-0.4	286.8		4.95		TAS		6.7	0.97	m_e mb	4.7
ROTZ	86.38		sP	12:24:43.195						T__				m_e	
STU	84.77		P	12:24:10.645	0.1	286.8		4.95		TAS				m_e	
TANN	86.34		P	12:24:18.513	0.2	286.8		4.95		TAS				m_e	
TNS	83.92		P	12:24:06.528	0.2	286.8		4.95		TAS				m_e	
UBR	85.65		P	12:24:14.945	0.0	286.8		4.95		TAS		20.6	0.96	m_e mb	5.2
UBR	85.65		sP	12:24:39.700						T__				m_e	
WERD	86.24		P	12:24:17.689	-0.1	286.8		4.95		TAS		9.5	1.06	m_e mb	4.9
WERD	86.24		sP	12:24:42.661						T__				m_e	
WERN	86.33		P	12:24:18.421	0.1	286.8		4.95		TAS		13.0	0.98	m_e mb	5.0
WET	86.99		P	12:24:21.898	0.3	286.8		4.95		TAS		9.6	1.00	m_e mb	4.9

Event 41207005 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2014/12/07 14:52:07.30 45.8920 147.6000 33.0 28 74.11 79.65 m i ke BGR
 41207011

Magnitude Err Nsta Author OrigID
 mb 5.2 BGR 41207011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.05		P	15:04:02.650	0.3	29.5		5.61		TAS		26.2	1.07	m_e mb	5.3
ASSE	75.58		P	15:03:47.878		29.5		5.61		TAS		16.4	1.01	m_e mb	5.1
BFO	79.64		P	15:04:11.035		29.5		5.61		TAS		17.1	1.04	m_e mb	4.9
BRG	75.63		P	15:03:48.281	0.7	29.5		5.61		TAS				m_e	
BSEG	74.11		P	15:03:39.273	0.2	29.5		5.61		TAS				m_e	
BUG	77.19		P	15:03:57.286	-0.2	29.5		5.61		TAS		25.1	1.01	m_e mb	5.3
CLL	75.56		P	15:03:47.949	-0.1	29.5		5.61		TAS		43.4	0.87	m_e mb	5.6
CLZ	75.92		P	15:03:50.138	0.1	29.5		5.61		TAS				m_e	
FBE	75.78		P	15:03:49.333	0.2	29.5		5.61		TAS		18.5	0.71	m_e mb	5.3
FLT1	75.23		P	15:03:45.832	0.1	29.5		5.61		TAS		26.2	0.84	m_e mb	5.3
FUR	78.85		P	15:04:06.934	-0.7	29.5		5.61		TAS		36.5	0.93	m_e mb	5.4
GEC2	77.45		P	15:03:58.521	0.4	29.5		5.61		TAS				m_e	
GRA1	77.53		P	15:03:59.296	0.1	29.5		5.61		TAS		36.7	0.79	m_e mb	5.6
GUNZ	76.59		P	15:03:54.093	-0.5	29.5		5.61		TAS		15.4	0.88	m_e mb	5.1
IBBN	76.28		P	15:03:52.156	-0.3	29.5		5.61		TAS				m_e	
KAST	77.07		P	15:03:56.639	-0.2	29.5		5.61		TAS				m_e	
MANZ	76.99		P	15:03:56.141	-0.3	29.5		5.61		TAS		10.2	0.91	m_e mb	4.9
MOX	76.58		P	15:03:53.595	0.2	29.5		5.61		TAS		29.9	1.15	m_e mb	5.3
NEUB	76.05		P	15:03:50.676	0.1	29.5		5.61		TAS				m_e	
NRDL	75.43		P	15:03:47.210	0.2	29.5		5.61		TAS		13.9	0.87	m_e mb	5.0
RJOB	78.71		P	15:04:05.938	0.3	29.5		5.61		TAS		3.8	0.78	m_e mb	4.5
ROTZ	77.15		P	15:03:56.916	0.3	29.5		5.61		TAS		19.2	0.96	m_e mb	5.2
RUE	74.31		P	15:03:41.010	0.1	29.5		5.61		TAS				m_e	
STU	78.98		P	15:04:07.653		29.5		5.61		TAS		16.8	0.86	m_e mb	5.1
TANN	76.51		P	15:03:53.473	-0.3	29.5		5.61		TAS		16.9	0.86	m_e mb	5.2
TNS	77.93		P	15:04:01.731	0.1	29.5		5.61		TAS		17.0	0.93	m_e mb	5.2
UBBA	76.93		P	15:03:55.924	0.1	29.5		5.61		TAS				m_e	
UBR	79.65		P	15:04:11.525		29.5		5.61		TAS				m_e	
WERD	76.53		P	15:03:53.263	0.1	29.5		5.61		TAS				m_e	
WERN	76.65		P	15:03:54.480	-0.1	29.5		5.61		TAS		18.4	0.87	m_e mb	5.2
WET	77.47		P	15:03:59.033	0.3	29.5		5.61		TAS		43.5	1.07	m_e mb	5.5

Event 41207006 Honduras
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2014/12/07 21:16:49.07 14.0870 -88.5610 33.0 27 82.41 87.40 m i ke BGR
 41207012

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 41207012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	82.80		P	21:29:07.191	0.8	286.5		4.97		TAS		25.0	1.16	m_e mb	5.3
ASSE	84.58		P	21:29:16.710	0.8	286.5		4.97		TAS		12.9	0.89	m_e mb	5.2
BFO	84.12		P	21:29:13.629	0.6	286.5		4.97		TAS		10.1	1.01	m_e mb	5.0
BRG	86.90		P	21:29:28.519	0.0	286.5		4.97		TAS		4.8	0.82	m_e mb	4.7
BSEG	83.89		P	21:29:12.114	0.1	286.5		4.97		TAS		29.4	0.88	m_e mb	5.5
BUG	82.71		P	21:29:06.509	-0.3	286.5		4.97		TAS		10.3	0.98	m_e mb	5.0
CLL	86.21		P	21:29:24.651	-0.1	286.5		4.97		TAS		8.2	0.78	m_e mb	4.9
FBE	86.53		P	21:29:26.163	1.6	286.5		4.97		TAS		7.8	0.82	m_e mb	4.9
FLT1	84.86		P	21:29:17.568	-0.9	286.5		4.97		TAS		12.1	0.89	m_e mb	5.1
GEC2	87.40		P	21:29:30.673		286.5		4.97		TAS		3.4	0.80	m_e mb	4.5
GRA1	85.59		P	21:29:21.550	-1.5	286.5		4.97		TAS		19.3	0.87	m_e mb	5.2
GUNZ	86.08		P	21:29:23.976	-0.4	286.5		4.97		TAS		13.1	1.02	m_e mb	5.0
IBBN	82.80		P	21:29:06.854	-0.0	286.5		4.97		TAS		9.8	0.85	m_e mb	5.1
KAST	83.46		P	21:29:10.435	-0.3	286.5		4.97		TAS		6.2	0.83	m_e mb	4.9
MANZ	86.06		P	21:29:23.246	-0.4	286.5		4.97		TAS		7.0	0.86	m_e mb	4.8
MOX	85.56		P	21:29:21.399	-0.0	286.5		4.97		TAS		7.9	0.89	m_e mb	4.9
NRDL	84.15		P	21:29:13.756	-0.2	286.5		4.97		TAS		13.3	0.85	m_e mb	5.2
RJOB	87.16		P	21:29:30.020		286.5		4.97		TAS				m_e	
ROTZ	86.18		P	21:29:24.877	0.2	286.5		4.97		TAS		5.9	0.96	m_e mb	4.7
STU	84.56		P	21:29:16.404	-0.1	286.5		4.97		TAS		12.9	0.80	m_e mb	5.2
TANN	86.15		P	21:29:24.197	0.4	286.5		4.97		TAS		17.5	0.94	m_e mb	5.2
TNS	83.72		P	21:29:11.416	-0.9	286.5		4.97		TAS		13.9	0.87	m_e mb	5.2
UBBA	84.53		P	21:29:16.057	-0.1	286.5		4.97		TAS				m_e	
UBR	85.44		P	21:29:19.962	-0.0	286.5		4.97		TAS		26.2	0.94	m_e mb	5.4
WERD	86.04		P	21:29:23.245	-1.4	286.5		4.97		TAS				m_e	
WERN	86.13		P	21:29:23.819	0.1	286.5		4.97		TAS		12.9	0.98	m_e mb	5.0
WET	86.79		P	21:29:27.676	0.6	286.5		4.97		TAS		6.8	0.84	m_e mb	4.8
WLF	82.41		P	21:29:04.819	0.2	286.5		4.97		TAS				m_e	

Event 41208001 Panama-Costa Rica border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/08	08:54:55.39			8.8500	-82.2300				33.0			28		82.28	87.29	m i ke	BGR
OrigID 41208007																	

Magnitude Err Nsta Author OrigID
 mb 5.2 BGR 41208007
 MBB 6.8 BGR 41208007
 Ms 6.5 BGR 41208007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	82.80		P	09:07:20.427	0.2	278.6		5.01		TAS		22.9	0.85	m_e MBB	7.0

ASSE	84.87	P	09:07:31.202	-0.2	278.6	5.01	TAS	22.9	1.01	m_e	MBB	7.0
BFO	83.84	P	09:07:25.427	-0.5	278.6	5.01	TAS			m_e		
BRG	87.08	P	09:07:41.870		278.6	5.01	TAS	10.8	0.82	m_e	MBB	6.7
BSEG	84.42	P	09:07:28.657	0.0	278.6	5.01	TAS	11.7	0.68	m_e	MBB	6.9
BUG	82.84	P	09:07:20.729	-0.1	278.6	5.01	TAS	20.2	0.78	m_e	MBB	6.9
CLL	86.42	P	09:07:38.640	-0.1	278.6	5.01	TAS	19.5	0.77	m_e	MBB	6.8
CLZ	84.72	P	09:07:30.908	0.2	278.6	5.01	TAS	15.6	0.82	m_e	MBB	6.9
FLT1	85.18	P	09:07:32.277	-0.1	278.6	5.01	TAS	27.1	0.83	m_e	MBB	6.9
GEC2	87.29	P	09:07:42.555		278.6	5.01	TAS	12.0	1.03	m_e	MBB	6.7
GRA1	85.55	P	09:07:34.391	0.1	278.6	5.01	TAS	19.2	0.74	m_e	mb	5.3
GRA1	85.55	L	09:41:48.118				T__	18946.1	21.10	a_e	Ms	6.5
GUNZ	86.16	P	09:07:37.661	0.2	278.6	5.01	TAS	6.1	0.78	m_e	MBB	6.3
IBBN	83.06	P	09:07:21.845	-0.3	278.6	5.01	TAS	1876.4	2.41	m_e	MBB	6.9
KAST	83.58	P	09:07:24.275	-0.8	278.6	5.01	TAS	7.9	0.94	m_e	MBB	6.9
MANZ	86.07	P	09:07:37.172	0.2	278.6	5.01	TAS	12.1	0.82	m_e	MBB	6.8
MOX	85.66	P	09:07:34.921	-0.1	278.6	5.01	TAS	11.2	0.84	m_e	MBB	6.7
MOX	85.66	L	09:46:36.552				T__	18670.4	18.50	a_e	Ms	6.5
NRDL	84.47	P	09:07:29.023		278.6	5.01	TAS			m_e		
RJOB	86.89	P	09:07:41.087	-0.6	278.6	5.01	TAS	3.3	0.91	m_e	MBB	6.4
ROTZ	86.17	P	09:07:37.368	0.2	278.6	5.01	TAS	7.6	0.87	m_e	MBB	6.8
STU	84.35	P	09:07:28.367	0.3	278.6	5.01	TAS	21.6	0.80	m_e	MBB	6.9
TANN	86.23	P	09:07:38.053	-0.0	278.6	5.01	TAS	36.0	0.82	m_e	MBB	7.1
TNS	83.71	P	09:07:25.329	0.1	278.6	5.01	TAS	9.3	0.95	m_e	MBB	6.9
UBBA	84.62	P	09:07:29.911		278.6	5.01	TAS			m_e		
UBR	85.10	P	09:07:32.474	0.8	278.6	5.01	TAS			m_e		
WERD	86.13	P	09:07:37.270	-0.2	278.6	5.01	TAS	12.7	0.80	m_e	MBB	6.2
WERN	86.20	P	09:07:37.857	-0.1	278.6	5.01	TAS			m_e		
WET	86.70	P	09:07:40.206	-0.2	278.6	5.01	TAS	16.1	0.83	m_e	MBB	6.8
WLF	82.28	P	09:07:17.790	0.0	278.6	5.01	TAS			m_e		

Event 41208002 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/08	09:52:09.94			50.9700	157.3700				55.6	0.4		32		70.64	77.78	m i ke	BGR
41208008																	

Magnitude Err Nsta Author OrigID
mb 5.5 BGR 41208008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.75		P	10:03:49.788	0.0	21.4		5.76		TAS		45.9	1.04	m_e	mb 5.5
ASSE	73.49		P	10:03:35.861	-0.1	21.4		5.76		TAS				m_e	
BFO	77.58		P	10:03:59.631	-0.5	21.4		5.76		TAS		19.7	0.94	m_e	mb 5.2
BRG	73.88		P	10:03:38.573	-0.3	21.4		5.76		TAS		50.4	1.04	m_e	mb 5.5
BRG	73.88		pP	10:03:54.036	-0.5					T__				m_e	
BSEG	71.88		P	10:03:26.765	0.2	21.4		5.76		TAS		47.6	0.92	m_e	mb 5.6

BUG	74.86	P	10:03:44.378	0.0	21.4	5.76	TAS	41.0	1.00	m_e	mb	5.4
CLL	73.71	P	10:03:37.423	-0.4	21.4	5.76	TAS	103.0	0.95	m_e	mb	5.8
CLZ	73.82	P	10:03:38.149	0.1	21.4	5.76	TAS	236.5	1.42	m_e	mb	6.0
FBE	73.98	P	10:03:39.205	-0.1	21.4	5.76	TAS	85.7	1.04	m_e	mb	5.7
FLT1	73.17	P	10:03:34.261	-0.4	21.4	5.76	TAS	62.2	1.06	m_e	mb	5.7
FUR	77.05	P	10:03:57.102	0.5	21.4	5.76	TAS	57.8	0.97	m_e	mb	5.7
GEC2	75.81	P	10:03:49.954	0.1	21.4	5.76	TAS	22.9	0.82	m_e	mb	5.3
GRA1	75.63	P	10:03:48.977	0.4	21.4	5.76	TAS	68.3	0.89	m_e	mb	5.8
GUNZ	74.75	P	10:03:43.631	-0.1	21.4	5.76	TAS	28.6	0.89	m_e	mb	5.3
IBBN	73.94	P	10:03:39.090	0.0	21.4	5.76	TAS	34.6	0.79	m_e	mb	5.4
KAST	74.85	P	10:03:44.263	-0.0	21.4	5.76	TAS	19.3	0.86	m_e	mb	5.1
MANZ	75.15	P	10:03:46.045	-0.0	21.4	5.76	TAS	31.2	0.96	m_e	mb	5.3
MOX	74.65	P	10:03:42.999	-0.2	21.4	5.76	TAS	56.3	1.13	m_e	mb	5.5
NEUB	74.11	P	10:03:40.125	0.0	21.4	5.76	TAS	159.2	1.32	m_e	mb	5.9
NRDL	73.27	P	10:03:35.009	-0.2	21.4	5.76	TAS			m_e		
RGN	70.64	P	10:03:19.833	-0.3	21.4	5.76	TAS	176.7	0.88	m_e	mb	6.2
RGN	70.64	pP	10:03:35.495	-0.5			T__			m_e		
RJOB	77.07	P	10:03:56.948	0.3	21.4	5.76	TAS	7.2	0.82	m_e	mb	4.8
ROTZ	75.33	P	10:03:47.253	0.1	21.4	5.76	TAS	42.2	0.92	m_e	mb	5.5
RUE	72.44	P	10:03:30.254	0.1	21.4	5.76	TAS	141.8	0.94	m_e	mb	6.1
SKMB	71.33	P	10:03:23.787	0.7	21.4	5.76	TAS			m_e		
TANN	74.67	P	10:03:43.229	-0.1	21.4	5.76	TAS	33.9	0.94	m_e	mb	5.4
TNS	75.76	P	10:03:49.782	0.2	21.4	5.76	TAS	21.7	0.77	m_e	mb	5.3
UBBA	74.86	P	10:03:44.263	-0.2	21.4	5.76	TAS			m_e		
UBR	77.78	P	10:04:00.819	-0.4	21.4	5.76	TAS	12.3	0.92	m_e	mb	5.0
WERD	74.67	P	10:03:43.344	0.0	21.4	5.76	TAS	47.8	1.06	m_e	mb	5.5
WERN	74.81	P	10:03:44.206	0.1	21.4	5.76	TAS	47.9	0.88	m_e	mb	5.5
WET	75.74	P	10:03:49.408	0.4	21.4	5.76	TAS	61.0	0.94	m_e	mb	5.7

Event 41208005 Panama

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/08	18:44:53.88			9.4240	-81.9240				33.0			21		81.65	86.66	m i ke	BGR
41208011																	

Magnitude Err Nsta Author

mb 4.9 BGR 41208011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	82.17		P	18:57:11.399		278.5		5.02		TAS		7.7	0.90	m_e	mb	4.9
BFO	83.21		P	18:57:16.434	0.0	278.5		5.02		TAS		6.5	0.97	m_e	mb	4.8
BRG	86.45		P	18:57:33.077		278.5		5.02		TAS		6.4	0.98	m_e	mb	4.9
BUG	82.21		P	18:57:11.619	-0.2	278.5		5.02		TAS		6.8	0.79	m_e	mb	4.9
CLL	85.79		P	18:57:29.862	-0.0	278.5		5.02		TAS		8.3	0.86	m_e	mb	4.9
CLZ	84.09		P	18:57:21.195	-0.0	278.5		5.02		TAS		12.1	1.04	m_e	mb	5.0
FBE	86.07		P	18:57:31.512	-0.4	278.5		5.02		TAS		8.2	0.88	m_e	mb	5.1

FLT1	84.55	P	18:57:23.470	0.3	278.5	5.02	TAS	5.8	0.86	m_e	mb	4.7
GEC2	86.66	P	18:57:34.212		278.5	5.02	TAS	7.9	1.05	m_e	mb	5.0
GRA1	84.92	P	18:57:25.587	0.1	278.5	5.02	TAS	8.9	0.94	m_e	mb	4.9
GUNZ	85.52	P	18:57:28.444	0.0	278.5	5.02	TAS	6.1	0.97	m_e	mb	4.7
KAST	82.95	P	18:57:15.421		278.5	5.02	TAS			m_e		
MANZ	85.44	P	18:57:28.093	0.1	278.5	5.02	TAS			m_e		
MOX	85.03	P	18:57:26.120	0.0	278.5	5.02	TAS	4.7	0.93	m_e	mb	4.6
NRDL	83.84	P	18:57:19.925	0.2	278.5	5.02	TAS			m_e		
RJOB	86.26	P	18:57:32.094		278.5	5.02	TAS	2.3	0.96	m_e	mb	4.5
ROTZ	85.54	P	18:57:28.602	-0.5	278.5	5.02	TAS	2.9	0.95	m_e	mb	4.4
TANN	85.60	P	18:57:28.814	0.3	278.5	5.02	TAS	22.5	0.96	m_e	mb	5.3
TNS	83.08	P	18:57:15.957	-0.0	278.5	5.02	TAS			m_e		
UBR	84.48	P	18:57:23.365	0.5	278.5	5.02	TAS	5.7	0.93	m_e	mb	4.7
WERD	85.50	P	18:57:28.338	0.1	278.5	5.02	TAS	7.6	0.98	m_e	mb	4.8
WERN	85.56	P	18:57:28.761	-0.1	278.5	5.02	TAS	7.6	1.01	m_e	mb	4.8
WET	86.08	P	18:57:31.142	-0.1	278.5	5.02	TAS	18.4	1.12	m_e	mb	5.3
WLF	81.65	P	18:57:08.788	0.1	278.5	5.02	TAS	14.8	1.03	m_e	mb	5.2

Event 41209004 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/09	17:59:41.90			66.4550	-22.6310				10.0					24.07	24.07	m i ke	BGR
OrigID 41209010																	

Magnitude Err Nsta Author OrigID
 mb 4.5 BGR 41209010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	24.07		P	18:04:56.823		325.6		9.41		TAS		15.2	0.92	m_e	mb 4.5

Event 41210002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/10	01:42:34.87			-25.3800	-177.6900				633.3	1.0		17		150.86	154.93	m i ke	BGR
OrigID 41210008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	153.02		PKPbc	02:02:28.988	-0.1	17.8		2.30		TAS				m_e	
BSEG	150.86		PKPbc	02:02:23.917	-0.1	17.8		2.30		TAS				m_e	
CLL	152.85		PKPbc	02:02:28.547	-0.0	17.8		2.30		TAS				m_e	
FBE	153.12		PKPbc	02:02:29.539	0.3	17.8		2.30		TAS				m_e	

FLT1	152.25	PKPbc	02:02:26.930	-0.2	17.8	2.30	TAS	m_e
GEC2	154.93	PKPbc	02:02:33.250		17.8	2.30	TAS	m_e
GRA1	154.76	PKPbc	02:02:32.662	-0.3	17.8	2.30	TAS	m_e
GUNZ	153.88	PKPbc	02:02:31.192	0.2	17.8	2.30	TAS	m_e
KAST	153.79	PKPbc	02:02:31.045	0.2	17.8	2.30	TAS	m_e
MANZ	154.29	PKPbc	02:02:31.927	0.0	17.8	2.30	TAS	m_e
MOX	153.78	PKPbc	02:02:30.678	0.0	17.8	2.30	TAS	m_e
NEUB	153.22	PKPbc	02:02:29.277	-0.4	17.8	2.30	TAS	m_e
NEUB	153.22	pPKPbc	02:04:53.515	0.3			T__	m_e
ROTZ	154.47	PKPbc	02:02:32.074	-0.2	17.8	2.30	TAS	m_e
TANN	153.80	PKPbc	02:02:30.825	0.0	17.8	2.30	TAS	m_e
TNS	154.75	PKPbc	02:02:32.883	-0.1	17.8	2.30	TAS	m_e
WERD	153.81	PKPbc	02:02:31.045	0.3	17.8	2.30	TAS	m_e
WERD	153.81	pPKPbc	02:04:54.906	0.3			T__	m_e
WERN	153.94	PKPbc	02:02:31.354	0.6	17.8	2.30	TAS	m_e

Event 41210003 Marshall Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/10	07:16:34.10			11.0300	176.9540				33.0					118.25	118.25	m i ke	BGR
41210009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	118.25		PKPdf	07:35:17.661		23.6		1.59		TAS					m_e

Event 41210005 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/10	12:49:54.79			-18.4780	-172.4930				67.6				23	144.54	150.80	m i ke	BGR
41210011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.33		PKPbc	13:09:33.595	-0.8	8.3		2.38		TAS					m_e
BFO	150.22		PKPbc	13:09:43.792	-0.0	8.3		2.38		TAS					m_e
BRG	147.27		PKPbc	13:09:36.010	-0.5	8.3		2.38		TAS					m_e
BSEG	144.54		PKPbc	13:09:29.098	2.5	8.3		2.38		TAS					m_e
CLL	146.95		PKPbc	13:09:35.205	-0.6	8.3		2.38		TAS					m_e
CLZ	146.63		PKPbc	13:09:35.044	-0.1	8.3		2.38		TAS					m_e
FBE	147.30		PKPbc	13:09:36.654	0.1	8.3		2.38		TAS					m_e

FLT1	146.09	PKPbc	13:09:32.897	-0.9	8.3	2.38	TAS	m_e
FLT1	146.09	pPKPbc	13:09:43.210	2.5			T__	m_e
GEC2	149.29	PKPbc	13:09:41.216	-0.2	8.3	2.38	TAS	m_e
GUNZ	147.96	PKPbc	13:09:38.318	0.1	8.3	2.38	TAS	m_e
IBBN	146.24	PKPbc	13:09:33.756	-0.7	8.3	2.38	TAS	m_e
IBBN	146.24	pPKPbc	13:09:44.211	2.5			T__	m_e
KAST	147.34	PKPbc	13:09:37.352	0.4	8.3	2.38	TAS	m_e
MANZ	148.35	PKPbc	13:09:39.230	0.1	8.3	2.38	TAS	m_e
MOX	147.74	PKPbc	13:09:37.781	0.1	8.3	2.38	TAS	m_e
NRDL	145.99	PKPbc	13:09:32.521	-1.1	8.3	2.38	TAS	m_e
NRDL	145.99	pPKPbc	13:09:43.168	2.5			T__	m_e
RJOB	150.50	PKPbc	13:09:44.383	0.2	8.3	2.38	TAS	m_e
ROTZ	148.56	PKPbc	13:09:39.821	0.2	8.3	2.38	TAS	m_e
TANN	147.89	PKPbc	13:09:38.049	0.0	8.3	2.38	TAS	m_e
UBR	150.80	PKPbc	13:09:45.402	0.4	8.3	2.38	TAS	m_e
WERD	147.87	PKPbc	13:09:38.049	0.1	8.3	2.38	TAS	m_e
WERN	148.03	PKPbc	13:09:38.801	0.5	8.3	2.38	TAS	m_e
WET	149.10	PKPbc	13:09:41.109	0.2	8.3	2.38	TAS	m_e
WLF	148.87	PKPbc	13:09:40.840	-0.1	8.3	2.38	TAS	m_e

Event 41210007 Northeast of Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/10	21:03:35.37			25.4610	124.4180				260.0			34		80.91	87.32	m i ke	BGR
OrigID 41210013																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.3		BGR	41210013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.32		P	21:15:46.819	0.6	56.5		4.99		TAS				m_e	
ASSE	83.56		P	21:15:32.881	-0.7	56.5		4.99		TAS				m_e	
BFO	86.96		P	21:15:49.768	0.2	56.5		4.99		TAS				m_e	
BRG	82.51		P	21:15:27.529	0.0	56.5		4.99		TAS		100.2	0.69	m_e mb	6.2
BSEG	82.73		P	21:15:28.546	-0.5	56.5		4.99		TAS				m_e	
BUG	85.68		P	21:15:43.674	-0.4	56.5		4.99		TAS				m_e	
CLL	82.78		P	21:15:28.800	-1.4	56.5		4.99		TAS		197.4	0.75	m_e mb	6.4
CLZ	83.87		P	21:15:34.368	-0.2	56.5		4.99		TAS				m_e	
FBE	82.80		P	21:15:28.725	-0.9	56.5		4.99		TAS		192.4	0.72	m_e mb	6.4
FLT1	83.16		P	21:15:30.576	-1.3	56.5		4.99		TAS				m_e	
FUR	85.43		P	21:15:42.524	-0.5	56.5		4.99		TAS				m_e	
GEC2	83.70		P	21:15:33.736	-1.0	56.5		4.99		TAS				m_e	
GRA1	84.61		P	21:15:38.551	0.7	56.5		4.99		TAS				m_e	
GUNZ	83.65		P	21:15:33.131	0.3	56.5		4.99		TAS				m_e	
IBBN	84.93		P	21:15:39.807	0.8	56.5		4.99		TAS				m_e	
KAST	85.24		P	21:15:41.704	-0.3	56.5		4.99		TAS				m_e	

MANZ	14.92	P	22:27:23.577	-0.9	143.3	13.34	TAS	m_e
MOX	15.64	P	22:27:34.716		143.3	13.34	TAS	m_e
MOX	15.64	L	22:35:52.760				T__	247.4 20.80 a_e Ms 3.4
NEUB	16.05	P	22:27:39.171		143.3	13.34	TAS	m_e
NRDL	17.70	P	22:28:03.225		143.3	13.34	TAS	m_e
RJOB	12.82	P	22:26:55.653	0.2	143.3	13.34	TAS	m_e
ROTZ	14.70	P	22:27:21.153	-0.5	143.3	13.34	TAS	m_e
RUE	16.58	P	22:27:44.343		143.3	13.34	TAS	m_e
STU	15.17	P	22:27:26.619	-0.2	143.3	13.34	TAS	m_e
TANN	15.16	P	22:27:27.006		143.3	13.34	TAS	m_e
TNS	16.56	P	22:27:45.959		143.3	13.34	TAS	m_e
UBR	13.97	P	22:27:10.314	1.8	143.3	13.34	TAS	m_e
WERD	15.24	P	22:27:28.428	1.1	143.3	13.34	TAS	m_e
WERN	15.08	P	22:27:27.478		143.3	13.34	TAS	m_e
WET	13.94	P	22:27:11.030	-0.4	143.3	13.34	TAS	m_e
WLF	17.24	P	22:27:53.708		143.3	13.34	TAS	m_e

Event 41212007 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/12	12:32:04.97			46.4370	147.8280				33.0			20		73.68	79.22	m i ke	BGR
41212013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	41212013
Ms	4.7		BGR	41212013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	79.22		P	12:44:05.020		29.1		5.64		TAS		15.7	0.98	m_e mb	5.0
BFO	79.22		L	13:30:19.981						T__		353.0	19.30	a_e Ms	4.7
BRG	75.22		P	12:43:42.532	0.1	29.1		5.64		TAS		12.2	0.83	m_e mb	5.0
BSEG	73.68		L	13:32:02.138						T__		380.2	19.40	a_e Ms	4.7
BUG	76.76		P	12:43:51.033		29.1		5.64		TAS		33.8	1.07	m_e mb	5.4
CLL	75.15		P	12:43:42.087	-0.2	29.1		5.64		TAS		76.2	1.05	m_e mb	5.7
CLL	75.15		L	13:31:44.573						T__		415.5	21.70	a_e Ms	4.7
CLZ	75.50		P	12:43:44.679	-0.1	29.1		5.64		TAS		72.7	1.37	m_e mb	5.6
FBE	75.37		P	12:43:43.716	0.2	29.1		5.64		TAS		36.4	0.88	m_e mb	5.4
FLT1	74.81		P	12:43:40.043	0.5	29.1		5.64		TAS		36.5	0.91	m_e mb	5.4
FUR	78.44		L	13:31:32.064						T__		281.2	21.20	a_e Ms	4.6
GEC2	77.05		P	12:43:52.889		29.1		5.64		TAS		20.1	0.72	m_e mb	5.3
GEC2	77.05		L	13:33:04.073						T__		330.7	19.70	a_e Ms	4.7
GRA1	77.12		P	12:43:53.687		29.1		5.64		TAS		63.1	0.84	m_e mb	5.8
GRA1	77.12		L	13:30:34.819						T__		311.8	20.60	a_e Ms	4.6
GTTG	75.88		P	12:43:46.918	-0.3	29.1		5.64		TAS		53.3	1.03	m_e mb	5.6
GUNZ	76.18		P	12:43:48.337		29.1		5.64		TAS		25.6	0.88	m_e mb	5.4
IBBN	75.85		P	12:43:46.287	0.3	29.1		5.64		TAS		41.8	0.67	m_e mb	5.7

KAST	76.64	P	12:43:50.720	29.1	5.64	TAS	21.7	0.99	m_e	mb	5.2	
MANZ	76.58	P	12:43:50.375	29.1	5.64	TAS	25.9	1.05	m_e	mb	5.3	
MOX	76.17	P	12:43:47.945	-0.3	29.1	5.64	TAS	27.1	1.13	m_e	mb	5.3
MOX	76.17	L	13:31:15.202			T__	507.8	19.80	a_e	Ms	4.8	
PLN	76.13	P	12:43:47.851	0.2	29.1	5.64	TAS	22.1	1.15	m_e	mb	5.2
ROTZ	76.74	P	12:43:51.684	29.1	5.64	TAS	25.3	1.02	m_e	mb	5.3	
TANN	76.10	P	12:43:47.650	-0.2	29.1	5.64	TAS	23.0	1.04	m_e	mb	5.2
TNS	77.50	L	13:29:09.797			T__	590.6	18.60	a_e	Ms	4.9	
WERN	76.24	P	12:43:48.713	29.1	5.64	TAS	25.8	0.83	m_e	mb	5.4	
WET	77.06	P	12:43:53.402	29.1	5.64	TAS	40.5	0.99	m_e	mb	5.5	
WET	77.06	L	13:31:50.839			T__	279.3	20.90	a_e	Ms	4.6	

Event 41212008 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/12	20:22:34.00			-18.9000	-176.4400				300.0			35		144.62	150.80	m i ke	EMSC
41212040																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	41212014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	148.31		PKPab	20:41:44.995	0.4	14.0		2.68		TAS					a_e
ASSE	146.37		PKPab	20:41:39.745	-0.2	14.0		2.68		TAS					a_e
BFO	150.39		PKPpdf	20:41:43.765		14.0		2.68		TAS					m_e
BFO	150.39		PKPab	20:41:49.995		14.0		2.68		TAS					a_e
BRG	147.05		PKPpdf	20:41:38.981		14.0		2.68		TAS					m_e
BRG	147.05		PKPab	20:41:41.695	-0.2	14.0		2.68		TAS					a_e
BSEG	144.64		PKPab	20:41:34.095	-0.1	14.0		2.68		TAS					a_e
BUG	147.40		PKPpdf	20:41:39.425		14.0		2.68		TAS					m_e
BUG	147.40		PKPab	20:41:42.295	0.1	14.0		2.68		TAS					a_e
CLL	146.81		PKPpdf	20:41:38.468		14.0		2.68		TAS					m_e
CLL	146.81		PKPab	20:41:40.795	0.3	14.0		2.68		TAS					a_e
CLZ	146.69		PKPab	20:41:40.895	-0.0	14.0		2.68		TAS					a_e
FBE	147.12		PKPpdf	20:41:39.417		14.0		2.68		TAS					m_e
FBE	147.12		PKPab	20:41:42.145	0.1	14.0		2.68		TAS					a_e
FLT1	146.10		PKPab	20:41:38.545	0.4	14.0		2.68		TAS					a_e
FUR	150.14		PKPpdf	20:41:43.833		14.0		2.68		TAS					m_e
FUR	150.14		PKPab	20:41:49.445	-0.8	14.0		2.68		TAS					a_e
GEC2	149.02		PKPpdf	20:41:42.048		14.0		2.68		TAS					m_e
GEC2	149.02		PKPab	20:41:46.895	-0.4	14.0		2.68		TAS					a_e
GRA1	148.67		PKPpdf	20:41:41.685		14.0		2.68		TAS					m_e
GRA1	148.67		PKPab	20:41:46.295	0.3	14.0		2.68		TAS					a_e
GTTG	147.03		PKPab	20:41:43.045	0.0	14.0		2.68		TAS					a_e
GUNZ	147.84		PKPpdf	20:41:40.114		14.0		2.68		TAS					m_e
GUNZ	147.84		PKPab	20:41:44.045	0.1	14.0		2.68		TAS					a_e

HLG	144.62	PKPab	20:41:34.295	-0.6	14.0	2.68	TAS	a_e											
IBBN	146.50	PKPdf	20:41:38.108		14.0	2.68	TAS	m_e											
IBBN	146.50	PKPab	20:41:40.095	1.6	14.0	2.68	TAS	a_e											
KAST	147.54	PKPdf	20:41:39.809		14.0	2.68	TAS	m_e											
KAST	147.54	PKPab	20:41:42.945	0.2	14.0	2.68	TAS	a_e											
MANZ	148.24	PKPdf	20:41:40.893		14.0	2.68	TAS	m_e											
MANZ	148.24	PKPab	20:41:45.045	0.1	14.0	2.68	TAS	a_e											
MOX	147.68	PKPdf	20:41:39.961		14.0	2.68	TAS	m_e											
MOX	147.68	PKPab	20:41:43.395	0.1	14.0	2.68	TAS	m_e											
MOX	147.68	L	21:59:28.517				T__		134.4	19.40	a_e	Ms						4.7	
NEUB	147.13	PKPab	20:41:41.745	0.2	14.0	2.68	TAS	a_e											
NRDL	146.09	PKPab	20:41:38.795	0.0	14.0	2.68	TAS	a_e											
PLN	147.75	PKPdf	20:41:40.036		14.0	2.68	TAS	m_e											
PLN	147.75	PKPab	20:41:43.595	0.3	14.0	2.68	TAS	a_e											
RJOB	150.27	PKPab	20:41:49.545		14.0	2.68	TAS	a_e											
ROTZ	148.43	PKPdf	20:41:41.079		14.0	2.68	TAS	m_e											
ROTZ	148.43	PKPab	20:41:45.545	0.1	14.0	2.68	TAS	a_e											
RUE	145.55	PKPab	20:41:37.045	0.1	14.0	2.68	TAS	a_e											
STU	149.86	PKPdf	20:41:43.728		14.0	2.68	TAS	m_e											
STU	149.86	PKPab	20:41:48.945	-0.4	14.0	2.68	TAS	a_e											
TANN	147.76	PKPdf	20:41:40.037		14.0	2.68	TAS	m_e											
TANN	147.76	PKPab	20:41:43.745	0.3	14.0	2.68	TAS	a_e											
TNS	148.51	PKPab	20:41:45.545	-0.2	14.0	2.68	TAS	a_e											
TNS	148.51	L	22:04:02.321				T__		214.6	18.40	a_e	Ms						5.0	
UBBA	147.74	PKPdf	20:41:39.838		14.0	2.68	TAS	m_e											
UBBA	147.74	PKPab	20:41:43.445	0.2	14.0	2.68	TAS	a_e											
UBR	150.80	PKPdf	20:41:44.432		14.0	2.68	TAS	m_e											
UBR	150.80	PKPab	20:41:50.795		14.0	2.68	TAS	a_e											
WERD	147.76	PKPab	20:41:43.595	0.5	14.0	2.68	TAS	a_e											
WERN	147.90	PKPdf	20:41:40.427		14.0	2.68	TAS	m_e											
WERN	147.90	PKPab	20:41:44.345	0.2	14.0	2.68	TAS	a_e											
WET	148.91	PKPdf	20:41:41.938		14.0	2.68	TAS	m_e											
WET	148.91	PKPab	20:41:46.795	-0.1	14.0	2.68	TAS	a_e											
WLF	149.24	PKPab	20:41:47.845	-0.8	14.0	2.68	TAS	a_e											

Event 41212009 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/12	20:45:45.15			30.7410	50.6250				33.0			14		33.46	36.90	m i k e	BGR
41212015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	41212015
Ms	3.9		BGR	41212015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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BFO	36.51	P	20:52:47.462	111.4	9.52	TAS	8.8	0.80	m_e	mb	4.5
BFO	36.51	L	21:11:17.456			T__	182.8	18.70	a_e	Ms	3.9
BRG	33.80	P	20:52:23.622	-0.4 111.4	9.52	TAS	16.8	1.21	m_e	mb	4.8
CLL	34.51	P	20:52:30.020	0.1 111.4	9.52	TAS	20.4	0.93	m_e	mb	5.0
CLZ	36.24	P	20:52:45.460	111.4	9.52	TAS	70.8	0.81	m_e	mb	5.5
FLT1	35.91	P	20:52:42.200	111.4	9.52	TAS	47.1	1.10	m_e	mb	5.2
FUR	34.56	P	20:52:30.255	0.1 111.4	9.52	TAS	103.2	0.81	m_e	mb	5.8
FUR	34.56	L	21:09:22.380			T__	304.1	19.20	a_e	Ms	4.1
GRA1	35.03	P	20:52:34.606	111.4	9.52	TAS	51.8	0.73	m_e	mb	5.5
GRA1	35.03	L	21:06:01.392			T__	229.1	19.30	a_e	Ms	3.9
MOX	35.10	L	21:09:50.788			T__	195.6	19.50	a_e	Ms	3.9
NRDL	36.61	P	20:52:49.106	111.4	9.52	TAS	72.7	1.01	m_e	mb	5.4
RJOB	33.46	P	20:52:20.744	-0.1 111.4	9.52	TAS			m_e		
ROTZ	34.45	P	20:52:29.695	-0.2 111.4	9.52	TAS	28.1	0.80	m_e	mb	5.2
TNS	36.90	P	20:52:50.542	111.4	9.52	TAS	43.5	1.67	m_e	mb	4.9
TNS	36.90	L	21:12:37.604			T__	224.3	20.10	a_e	Ms	3.9
UBR	35.19	P	20:52:35.368	111.4	9.52	TAS	48.9	0.91	m_e	mb	5.4
WERN	34.52	P	20:52:30.086	0.0 111.4	9.52	TAS	16.0	1.38	m_e	mb	4.8
WET	33.83	P	20:52:23.702	0.1 111.4	9.52	TAS	19.7	0.93	m_e	mb	5.0

Event 41212010 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/12	21:26:51.10			-15.0900	-177.5800				371.0					144.75	144.75	m i ke	NEIC
OrigID 41212049																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	144.75		PKPdf	21:45:44.973		14.8		2.77		TAS				m_e	

Event 41213003 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/13	05:00:03.54			26.0400	-43.5720				10.0					48.02	48.42	m i ke	BGR
OrigID 41213009																	

Magnitude Err Nsta Author OrigID

mb	5.4		BGR	41213009
Ms	4.6		BGR	41213009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	48.02		L	05:24:35.682						T__		542.6	20.90	a_e	Ms	4.5

GRC4	48.13	P	05:08:43.130	261.4	7.75	TAS	67.0	2.04	m_e	mb	5.4
MOX	48.42	L	05:25:21.510			T__	879.3	20.30	a_e	Ms	4.7

Event 41213004 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/13	05:21:41.63			64.5720	-17.9810				10.0					20.46	21.46	m i ke	BGR
OrigID 41213010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	41213010
Ms	3.4		BGR	41213010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	21.46		P	05:26:29.546		324.3		10.08		TAS		82.6	1.83	m_e	mb	4.8
GRA1	21.46		L	05:34:54.572						T__		133.3	20.40	a_e	Ms	3.3
MOX	20.84		L	05:35:02.111						T__		225.6	18.30	a_e	Ms	3.6
NEUB	20.46		P	05:26:16.498		324.3		10.08		TAS		125.4	1.90	m_e	mb	4.8
TANN	21.35		P	05:26:25.359		324.3		10.08		TAS		171.6	1.83	m_e	mb	5.1
WERN	21.42		P	05:26:25.578		324.3		10.08		TAS		71.4	1.55	m_e	mb	4.8

Event 41214008 Reykjanes Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/14	03:05:45.92			59.7420	-28.2240				10.0					21.63	26.33	m i ke	BGR
OrigID 41214014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	41214014
Ms	3.6		BGR	41214014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	23.98		L	03:20:07.641						T__		156.9	18.50	a_e	Ms	3.5
BSEG	21.63		L	03:17:21.095						T__		170.2	21.60	a_e	Ms	3.4
CLL	24.45		L	03:19:37.028						T__		150.4	20.80	a_e	Ms	3.5
FUR	25.56		L	03:20:20.803						T__		185.4	19.90	a_e	Ms	3.6
GEC2	26.33		L	03:20:44.761						T__		230.9	21.30	a_e	Ms	3.7
GRA1	24.54		P	03:11:04.956		306.5		9.12		TAS		21.2	1.27	m_e	mb	4.7
GRA1	24.54		L	03:20:22.406						T__		284.0	20.20	a_e	Ms	3.8
MOX	24.15		L	03:20:00.955						T__		196.6	21.20	a_e	Ms	3.6
TNS	22.81		L	03:18:58.792						T__		344.0	19.00	a_e	Ms	3.8
WET	25.72		L	03:21:37.822						T__		301.5	18.50	a_e	Ms	3.9

Event 41214007 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/14	07:14:06.70			-30.6700	-177.9000				20.0					158.81	159.79	m i ke	EMSC
OrigID 41214039																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.7		BGR	41214013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	159.79		PKPab	07:34:40.979		23.3		3.93		TAS				m_e	
MOX	158.81		L	08:47:02.485						T__		97.4	21.90	a_e Ms	4.6
ROTZ	159.46		L	08:46:38.434						T__		127.1	20.40	a_e Ms	4.8

Event 41214006 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/14	12:41:26.77			-21.7300	-176.5500				33.0				34	147.42	153.56	m i ke	BGR
OrigID 41214012																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.0		BGR	41214012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	151.10		PKPdf	13:01:10.696		15.2		2.43		TAS				m_e	
AHRW	151.10		PKPbc	13:01:16.208	0.2	15.2		2.43		TAS				m_e	
ASSE	149.14		PKPdf	13:01:07.605		15.2		2.43		TAS				m_e	
ASSE	149.14		PKPbc	13:01:11.251	-0.1	15.2		2.43		TAS				m_e	
BFO	153.17		PKPdf	13:01:13.697		15.2		2.43		TAS				m_e	
BFO	153.17		PKPbc	13:01:20.787		15.2		2.43		TAS				m_e	
BFO	153.17		L	14:04:20.639						T__		250.5	21.30	a_e Ms	5.0
BRG	149.77		PKPdf	13:01:08.483		15.2		2.43		TAS				m_e	
BRG	149.77		PKPbc	13:01:13.139	0.0	15.2		2.43		TAS				m_e	
BSEG	147.42		PKPbc	13:01:06.542	-0.4	15.2		2.43		TAS				m_e	
BUG	150.20		PKPdf	13:01:09.369		15.2		2.43		TAS				m_e	
BUG	150.20		PKPbc	13:01:13.791	0.1	15.2		2.43		TAS				m_e	
CLL	149.55		PKPdf	13:01:07.932		15.2		2.43		TAS				m_e	
CLL	149.55		PKPbc	13:01:12.353	0.4	15.2		2.43		TAS				m_e	
CLZ	149.47		PKPdf	13:01:08.220		15.2		2.43		TAS				m_e	
CLZ	149.47		PKPbc	13:01:12.467	0.2	15.2		2.43		TAS				m_e	
FBE	149.85		PKPdf	13:01:09.014		15.2		2.43		TAS				m_e	
FBE	149.85		PKPbc	13:01:13.563	0.1	15.2		2.43		TAS				m_e	
FLT1	148.87		PKPdf	13:01:06.803		15.2		2.43		TAS				m_e	

FLT1	148.87	PKPbc	13:01:10.330	0.3	15.2	2.43	TAS	m_e		
FUR	152.89	PKPdf	13:01:13.263		15.2	2.43	TAS	m_e		
FUR	152.89	PKPbc	13:01:20.280		15.2	2.43	TAS	m_e		
GEC2	151.73	PKPdf	13:01:11.259		15.2	2.43	TAS	m_e		
GEC2	151.73	PKPbc	13:01:17.769	-0.7	15.2	2.43	TAS	m_e		
GOR1	148.21	PKPdf	13:01:06.370		15.2	2.43	TAS	m_e		
GOR1	148.21	PKPbc	13:01:08.982	-0.0	15.2	2.43	TAS	m_e		
GRA1	151.43	PKPdf	13:01:11.068		15.2	2.43	TAS	m_e		
GRA1	151.43	PKPbc	13:01:17.194	-0.0	15.2	2.43	TAS	m_e		
GRA1	151.43	L	14:05:34.729				T__		221.0	19.00 a_e Ms 5.0
GTTG	149.81	PKPdf	13:01:08.866		15.2	2.43	TAS	m_e		
GTTG	149.81	PKPbc	13:01:13.231	-0.2	15.2	2.43	TAS	m_e		
GUNZ	150.58	PKPdf	13:01:09.924		15.2	2.43	TAS	m_e		
GUNZ	150.58	PKPbc	13:01:15.274	0.2	15.2	2.43	TAS	m_e		
HLG	147.42	PKPbc	13:01:06.978	0.0	15.2	2.43	TAS	m_e		
IBBN	149.30	PKPdf	13:01:08.020		15.2	2.43	TAS	m_e		
IBBN	149.30	PKPbc	13:01:11.700	-0.1	15.2	2.43	TAS	m_e		
KAST	150.33	PKPdf	13:01:09.389		15.2	2.43	TAS	m_e		
KAST	150.33	PKPbc	13:01:14.442	0.1	15.2	2.43	TAS	m_e		
MANZ	150.98	PKPdf	13:01:10.324		15.2	2.43	TAS	m_e		
MANZ	150.98	PKPbc	13:01:16.164	0.1	15.2	2.43	TAS	m_e		
MOX	150.44	PKPdf	13:01:09.459		15.2	2.43	TAS	m_e		
MOX	150.44	PKPbc	13:01:14.629	0.3	15.2	2.43	TAS	m_e		
MOX	150.44	L	14:16:40.468				T__		190.4	18.40 a_e Ms 4.9
NEUB	149.88	PKPdf	13:01:08.687		15.2	2.43	TAS	m_e		
NEUB	149.88	PKPbc	13:01:13.306	0.2	15.2	2.43	TAS	m_e		
NRDL	148.86	PKPdf	13:01:07.192		15.2	2.43	TAS	m_e		
NRDL	148.86	PKPbc	13:01:10.474	0.1	15.2	2.43	TAS	m_e		
PLN	150.49	PKPdf	13:01:09.670		15.2	2.43	TAS	m_e		
PLN	150.49	PKPbc	13:01:14.884	0.3	15.2	2.43	TAS	m_e		
RJOB	152.98	PKPdf	13:01:13.154		15.2	2.43	TAS	m_e		
RJOB	152.98	PKPbc	13:01:20.214		15.2	2.43	TAS	m_e		
ROTZ	151.18	PKPdf	13:01:10.451		15.2	2.43	TAS	m_e		
ROTZ	151.18	PKPbc	13:01:16.490	-0.1	15.2	2.43	TAS	m_e		
RUE	148.29	PKPdf	13:01:06.428		15.2	2.43	TAS	m_e		
RUE	148.29	PKPbc	13:01:08.874	-0.3	15.2	2.43	TAS	m_e		
STU	152.63	PKPdf	13:01:13.423		15.2	2.43	TAS	m_e		
STU	152.63	PKPbc	13:01:19.896	-0.5	15.2	2.43	TAS	m_e		
TANN	150.51	PKPdf	13:01:09.764		15.2	2.43	TAS	m_e		
TANN	150.51	PKPbc	13:01:14.969	0.2	15.2	2.43	TAS	m_e		
TNS	151.29	PKPdf	13:01:11.152		15.2	2.43	TAS	m_e		
TNS	151.29	PKPbc	13:01:16.809	0.4	15.2	2.43	TAS	m_e		
UBBA	150.52	PKPdf	13:01:09.348		15.2	2.43	TAS	m_e		
UBBA	150.52	PKPbc	13:01:14.600	0.1	15.2	2.43	TAS	m_e		
UBR	153.56	PKPdf	13:01:14.205		15.2	2.43	TAS	m_e		
UBR	153.56	PKPbc	13:01:21.544		15.2	2.43	TAS	m_e		
WERD	150.50	PKPdf	13:01:09.616		15.2	2.43	TAS	m_e		
WERD	150.50	PKPbc	13:01:14.994	0.3	15.2	2.43	TAS	m_e		
WERN	150.64	PKPdf	13:01:09.968		15.2	2.43	TAS	m_e		

WERN	150.64	PKPbc	13:01:15.526	0.1	15.2	2.43	TAS	m_e
WET	151.63	PKPdf	13:01:11.260		15.2	2.43	TAS	m_e
WET	151.63	PKPbc	13:01:17.402	-0.3	15.2	2.43	TAS	m_e
WLF	152.04	PKPbc	13:01:19.040	-0.3	15.2	2.43	TAS	m_e

Event 41214005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/14	18:54:18.90			-17.7900	-178.5200				596.0			10		145.33	149.36	m i ke	EMSC
OrigID 41214037																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	149.03		PKPbc	19:13:01.282		17.3		2.50		TAS					m_e
BRG	145.53		PKPbc	19:12:52.408		17.3		2.50		TAS					m_e
CLL	145.33		PKPbc	19:12:51.587		17.3		2.50		TAS					m_e
FBE	145.61		PKPbc	19:12:52.784		17.3		2.50		TAS					m_e
GEC2	147.47		PKPbc	19:12:57.489		17.3		2.50		TAS					m_e
GUNZ	146.36		PKPbc	19:12:54.809		17.3		2.50		TAS					m_e
RJOB	148.72		PKPbc	19:13:00.586		17.3		2.50		TAS					m_e
TNS	147.16		PKPbc	19:12:57.036		17.3		2.50		TAS					m_e
UBR	149.36		PKPbc	19:13:02.047		17.3		2.50		TAS					m_e
WERN	146.42		PKPbc	19:12:55.262		17.3		2.50		TAS					m_e

Event 41215005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/15	02:22:28.00			-20.3400	-177.6800				531.0			10		147.97	149.41	m i ke	NEIC
OrigID 41215044																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABG1	148.39		PKPbc	02:41:14.527		16.8		2.58		TAS					m_e
BRG	148.18		PKPbc	02:41:13.766		16.8		2.58		TAS					m_e
CLL	147.97		PKPbc	02:41:13.249		16.8		2.58		TAS					m_e
FBE	148.26		PKPbc	02:41:14.105		16.8		2.58		TAS					m_e
GUNZ	149.01		PKPbc	02:41:16.183		16.8		2.58		TAS					m_e
KAST	148.83		PKPbc	02:41:14.919		16.8		2.58		TAS					m_e
MANZ	149.41		PKPbc	02:41:17.036		16.8		2.58		TAS					m_e
NEUB	148.32		PKPbc	02:41:14.420		16.8		2.58		TAS					m_e
PLN	148.92		PKPbc	02:41:15.675		16.8		2.58		TAS					m_e

TANN	148.93	PKPbc	02:41:15.395	16.8	2.58	TAS	m_e
WERD	148.93	PKPbc	02:41:15.609	16.8	2.58	TAS	m_e

Event 41215002 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/15	09:26:57.79	2.05	0.78	64.8930	-16.0960	44.5	34.5	175	10.0			35	343	16.26	24.83	m i ke	BGR
41215008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	41215008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	18.75		P	09:31:13.586	-1.4					T__		845.3	2.52	a_e mb	5.5
BFO	21.12		P	09:31:40.936	-0.8					T__		401.6	1.67	a_e mb	5.5
BRG	20.98		P	09:31:39.936	-0.2					T__		565.9	1.79	a_e mb	5.6
BSEG	17.19		P	09:30:56.872	0.9					T__		852.1	2.10	m_e mb	5.5
BUG	18.10		P	09:31:07.486	0.2					T__				m_e	
CLL	20.27		P	09:31:32.286	-0.2					T__		436.2	1.64	a_e mb	5.4
CLZ	18.87		P	09:31:15.286	-1.1					T__		314.8	1.71	a_e mb	5.3
FBE	20.72		P	09:31:37.236	-0.1					T__		2720.2	3.22	a_e mb	6.0
FLT1	18.79		P	09:31:13.886	-1.6					T__		199.7	1.55	a_e mb	5.1
FUR	22.26		P	09:31:54.781	1.1					T__		1552.5	2.05	m_e mb	6.1
GEC2	22.55		P	09:31:57.800	1.2					T__		288.7	1.60	m_e mb	5.6
GOR1	18.30		P	09:31:10.813	1.2					T__		1507.1	1.89	m_e mb	5.8
GRA1	20.95		P	09:31:40.190	0.3					T__		338.3	1.66	m_e mb	5.4
GTTG	18.96		P	09:31:16.436	-1.0					T__		558.4	1.95	a_e mb	5.5
GUNZ	20.79		P	09:31:37.736	-0.4					T__		609.0	1.82	a_e mb	5.6
IBBN	17.55		P	09:31:02.086	1.6					T__		698.7	1.94	a_e mb	5.5
KAST	18.70		P	09:31:14.062	-0.3					T__		765.7	2.54	m_e mb	5.5
KBA	23.91		P	09:32:11.074	-2.2					T__				m_e	
MANZ	21.02		P	09:31:40.086	-0.6					T__		255.2	1.55	a_e mb	5.3
MOX	20.30		P	09:31:32.586	-0.2					T__		911.6	2.31	m_e mb	5.6
NEUB	19.91		P	09:31:28.688	0.3					T__		862.4	1.70	m_e mb	5.7
NRDL	18.25		P	09:31:08.210	-0.8					T__		554.4	1.87	m_e mb	5.4
OBKA	24.83		P	09:32:19.139	-2.2					T__				m_e	
PLN	20.63		P	09:31:35.886	-0.5					T__		679.7	2.00	a_e mb	5.6
RJOB	23.16		P	09:32:02.936	0.2					T__		154.9	2.18	a_e mb	5.2
ROTZ	21.24		P	09:31:42.917	-0.1					T__		230.9	1.60	m_e mb	5.3
RUE	19.65		P	09:31:26.161	0.7					T__		336.1	1.85	m_e mb	5.3
SKMB	16.26		P	09:30:45.236	1.0					T__		1721.3	2.05	m_e mb	5.8
STU	21.03		P	09:31:40.236	-0.5					T__		375.5	1.49	a_e mb	5.5
TANN	20.80		P	09:31:37.886	-0.3					T__		1188.6	1.87	a_e mb	5.9
TNS	19.53		P	09:31:23.994	-0.1					T__		726.6	2.77	m_e mb	5.4
UBBA	19.57		P	09:31:25.136	0.6					T__		408.2	1.78	a_e mb	5.4
UBR	22.28		P	09:31:54.315	0.5					T__		708.5	1.99	m_e mb	5.8

WERD	20.71	P	09:31:36.636	-0.7	T__	143.0	1.38	a_e	mb	5.1
WERN	20.87	P	09:31:38.636	-0.4	T__	568.7	1.68	a_e	mb	5.6
WET	22.00	P	09:31:51.940	0.9	T__	241.2	1.63	m_e	mb	5.4
WLF	19.26	P	09:31:21.536	0.6	T__	369.1	1.85	a_e	mb	5.3

Event 41215004 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/15	20:18:35.06			-23.0970	-179.6820				600.0			18		148.91	153.46	m i ke	BGR
OrigID 41215010																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.94		PKPbc	20:37:18.165	0.2	21.8		2.27		TAS				m_e	
BRG	150.31		PKPbc	20:37:19.049	-0.0	21.8		2.27		TAS				m_e	
BRG	150.31		PKPab	20:37:28.570						T__				m_e	
BUG	151.20		PKPbc	20:37:21.323		21.8		2.27		TAS				m_e	
CLL	150.17		PKPbc	20:37:18.705	0.0	21.8		2.27		TAS				m_e	
CLZ	150.27		PKPbc	20:37:19.312	0.0	21.8		2.27		TAS				m_e	
FBE	150.43		PKPbc	20:37:19.791	-0.2	21.8		2.27		TAS				m_e	
FLT1	149.63		PKPbc	20:37:17.321	0.2	21.8		2.27		TAS				m_e	
GRA2	152.10		PKPbc	20:37:36.927	-0.0	21.8		2.27		TAS				m_e	
GTTG	150.63		PKPbc	20:37:19.898	-0.1	21.8		2.27		TAS				m_e	
GUNZ	151.21		PKPbc	20:37:21.209		21.8		2.27		TAS				m_e	
GUNZ	151.21		PKPab	20:37:32.821						T__				m_e	
IBBN	150.28		PKPbc	20:37:19.625	0.0	21.8		2.27		TAS				m_e	
IBBN	150.28		PKPab	20:37:29.049						T__				m_e	
KAST	151.25		PKPbc	20:37:21.296		21.8		2.27		TAS				m_e	
NEUB	150.58		PKPbc	20:37:19.784	0.0	21.8		2.27		TAS				m_e	
NRDL	149.71		PKPbc	20:37:17.937	0.4	21.8		2.27		TAS				m_e	
PLN	151.14		PKPbc	20:37:20.860	0.1	21.8		2.27		TAS				m_e	
PLN	151.14		PKPab	20:37:32.350						T__				m_e	
RJOB	153.46		PKPab	20:37:42.534						T__				m_e	
RUE	148.91		PKPbc	20:37:16.082	-0.1	21.8		2.27		TAS				m_e	
TANN	151.13		PKPbc	20:37:20.997	-0.1	21.8		2.27		TAS				m_e	
TNS	152.19		PKPbc	20:37:23.673		21.8		2.27		TAS				m_e	
WERN	151.27		PKPbc	20:37:21.312		21.8		2.27		TAS				m_e	
WERN	151.27		PKPab	20:37:33.135						T__				m_e	
WET	152.17		PKPab	20:37:36.639						T__				m_e	

Event 41216003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2014/12/16 20:44:40.21 -21.7850 -178.4980 600.0 29 147.21 153.25 m i ke BGR
 41216009

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	148.89		PKPbc	21:03:21.200	-0.2	18.9		2.36		TAS					m_e	
BFO	152.95		PKPbc	21:03:30.244		18.9		2.36		TAS					m_e	
BFO	152.95		PKPab	21:03:42.740		14.6		4.34		TAS					m_e	
BRG	149.38		PKPbc	21:03:22.009	0.1	18.9		2.36		TAS					m_e	
BSEG	147.21		PKPbc	21:03:16.422	-0.3	18.9		2.36		TAS					m_e	
BUG	150.06		PKPbc	21:03:24.003	0.2	18.9		2.36		TAS					m_e	
CLL	149.20		PKPbc	21:03:21.378	0.0	18.9		2.36		TAS					m_e	
CLL	149.20		PKPab	21:03:26.832		14.6		4.34		TAS					m_e	
CLZ	149.22		PKPbc	21:03:21.919	-0.0	18.9		2.36		TAS					m_e	
CLZ	149.22		PKPab	21:03:27.063	-0.1	14.6		4.34		TAS					m_e	
FBE	149.47		PKPbc	21:03:22.459	0.1	18.9		2.36		TAS					m_e	
FBE	149.47		PKPab	21:03:28.599		14.6		4.34		TAS					m_e	
FLT1	148.59		PKPbc	21:03:19.756	0.1	18.9		2.36		TAS					m_e	
FLT1	148.59		PKPab	21:03:23.769	0.2	14.6		4.34		TAS					m_e	
FUR	152.54		PKPbc	21:03:29.308		18.9		2.36		TAS					m_e	
FUR	152.54		PKPab	21:03:41.616		14.6		4.34		TAS					m_e	
GEC2	151.30		PKPbc	21:03:26.244		18.9		2.36		TAS					m_e	
GRA1	151.11		PKPbc	21:03:26.154		18.9		2.36		TAS					m_e	
GRA1	151.11		PKPab	21:03:35.345		14.6		4.34		TAS					m_e	
GTTG	149.57		PKPbc	21:03:22.707	0.3	18.9		2.36		TAS					m_e	
GUNZ	150.23		PKPbc	21:03:24.081	-0.1	18.9		2.36		TAS					m_e	
IBBN	149.15		PKPbc	21:03:21.388	0.2	18.9		2.36		TAS					m_e	
KAST	150.15		PKPbc	21:03:23.902	0.2	18.9		2.36		TAS					m_e	
MANZ	150.63		PKPbc	21:03:25.072	-0.2	18.9		2.36		TAS					m_e	
MOX	150.12		PKPbc	21:03:23.867	0.1	18.9		2.36		TAS					m_e	
NEUB	149.57		PKPbc	21:03:22.715	0.1	18.9		2.36		TAS					m_e	
NEUB	149.57		PKPab	21:03:28.574		14.6		4.34		TAS					m_e	
NRDL	148.63		PKPbc	21:03:20.186	0.4	18.9		2.36		TAS					m_e	
PLN	150.15		PKPbc	21:03:23.901	0.1	18.9		2.36		TAS					m_e	
RJOB	152.56		PKPab	21:03:42.235		14.6		4.34		TAS					m_e	
ROTZ	150.82		PKPbc	21:03:25.433	-0.1	18.9		2.36		TAS					m_e	
RUE	147.93		PKPbc	21:03:18.466	0.3	18.9		2.36		TAS					m_e	
STU	152.38		PKPbc	21:03:29.044		18.9		2.36		TAS					m_e	
TANN	150.15		PKPbc	21:03:23.901	0.1	18.9		2.36		TAS					m_e	
TANN	150.15		PKPab	21:03:31.145		14.6		4.34		TAS					m_e	
TNS	151.10		PKPbc	21:03:26.248	-0.0	18.9		2.36		TAS					m_e	
TNS	151.10		PKPab	21:03:34.617		14.6		4.34		TAS					m_e	
UBR	153.25		PKPbc	21:03:30.898		18.9		2.36		TAS					m_e	
WERN	150.29		PKPab	21:03:31.740		14.6		4.34		TAS					m_e	
WET	151.24		PKPbc	21:03:26.283		18.9		2.36		TAS					m_e	
WET	151.24		PKPab	21:03:36.011		14.6		4.34		TAS					m_e	
WLF	151.94		PKPbc	21:03:28.497	-0.2	18.9		2.36		TAS					m_e	

Event 41217001 Southern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/17	06:10:14.61			-3.6340	100.3170				43.0			12		90.48	94.72	m i ke	BGR
OrigID 41217007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	41217007
Ms	5.7		BGR	41217007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	90.50		P	06:23:11.020	0.4	92.7		4.67		TAS		6.9	0.98	m_e mb	4.9
BSEG	92.91		P	06:23:22.760		92.7		4.67		TAS				m_e	
BUG	94.72		P	06:23:31.546		92.7		4.67		TAS				m_e	
CLL	91.13		P	06:23:14.177	0.1	92.7		4.67		TAS				m_e	
CLL	91.13		pP	06:23:25.864	0.4					T__				m_e	
FBE	90.88		P	06:23:12.804	-0.3	92.7		4.67		TAS		12.9	1.15	m_e mb	5.1
GEC2	90.48		P	06:23:10.807	-0.3	92.7		4.67		TAS		20.4	1.23	m_e mb	5.2
GRA1	92.16		P	06:23:19.342		92.7		4.67		TAS		11.0	0.98	m_e mb	5.1
GRA1	92.16		L	07:11:12.720						T__		2647.9	21.40	a_e Ms	5.7
GUNZ	91.48		P	06:23:15.991	0.4	92.7		4.67		TAS				m_e	
GUNZ	91.48		pP	06:23:27.629	0.4					T__				m_e	
IBBN	94.42		P	06:23:29.719		92.7		4.67		TAS		7.3	0.94	m_e mb	5.0
MANZ	91.60		P	06:23:16.890	0.2	92.7		4.67		TAS		10.7	1.05	m_e mb	5.1
MOX	91.96		P	06:23:18.607		92.7		4.67		TAS				m_e	
MOX	91.96		L	07:11:03.816						T__		3271.9	20.90	a_e Ms	5.8
NEUB	91.89		P	06:23:18.146		92.7		4.67		TAS		10.1	0.87	m_e mb	5.2
NEUB	91.89		pP	06:23:29.588	0.4					T__				m_e	
RJOB	90.99		P	06:23:13.484	-0.8	92.7		4.67		TAS				m_e	
ROTZ	91.52		P	06:23:16.563	0.4	92.7		4.67		TAS		4.3	0.98	m_e mb	4.7
ROTZ	91.52		pP	06:23:27.995	0.4					T__				m_e	
TANN	91.40		P	06:23:15.409	0.1	92.7		4.67		TAS				m_e	
TANN	91.40		pP	06:23:27.177	0.4					T__				m_e	
TNS	93.97		P	06:23:27.985		92.7		4.67		TAS		6.5	0.84	m_e mb	5.0
UBR	92.80		P	06:23:22.318		92.7		4.67		TAS				m_e	
WERN	91.45		P	06:23:15.910	0.4	92.7		4.67		TAS				m_e	
WET	91.04		P	06:23:13.595	0.1	92.7		4.67		TAS		11.3	1.11	m_e mb	5.1

Event 41217004 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/17	09:46:59.42			-5.5550	151.3970				68.6			25		122.38	127.19	m i ke	BGR
OrigID																	

41217010

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	127.05		PKPdf	10:05:54.656	-0.6	52.1		1.88		TAS				m_e		
BFO	127.05		pPKPdf	10:06:10.961	0.9					T__				m_e		
BRG	122.62		PKPdf	10:05:46.127	0.1	52.1		1.88		TAS				m_e		
BSEG	122.38		PKPdf	10:05:46.122	-0.1	52.1		1.88		TAS				m_e		
BUG	125.44		PKPdf	10:05:51.771	-0.1	52.1		1.88		TAS				m_e		
CLL	122.82		PKPdf	10:05:46.522	-0.2	52.1		1.88		TAS				a_e		
CLZ	123.75		PKPdf	10:05:48.655	-0.5	52.1		1.88		TAS				m_e		
FBE	122.89		PKPdf	10:05:46.817	0.3	52.1		1.88		TAS				m_e		
FLT1	123.02		PKPdf	10:05:46.922	-0.3	52.1		1.88		TAS				a_e		
GEC2	123.95		PKPdf	10:05:48.972	0.2	52.1		1.88		TAS				a_e		
GRA1	124.72		PKPdf	10:05:50.167	-0.1	52.1		1.88		TAS				m_e		
GTTG	124.13		PKPdf	10:05:49.460	0.1	52.1		1.88		TAS				m_e		
GUNZ	123.74		PKPdf	10:05:48.497	0.0	52.1		1.88		TAS				m_e		
KAST	125.08		PKPdf	10:05:50.744	-0.4	52.1		1.88		TAS				m_e		
MANZ	124.09		PKPdf	10:05:49.472	0.4	52.1		1.88		TAS				a_e		
MOX	123.92		PKPdf	10:05:49.022	0.2	52.1		1.88		TAS				a_e		
NRDL	123.43		PKPdf	10:05:48.112	0.1	52.1		1.88		TAS				m_e		
RJOB	125.10		PKPdf	10:05:50.772	-0.2	52.1		1.88		TAS				a_e		
ROTZ	124.17		PKPdf	10:05:48.879	-0.8	52.1		1.88		TAS				m_e		
STU	126.33		PKPdf	10:05:53.376	0.0	52.1		1.88		TAS				m_e		
TANN	123.64		PKPdf	10:05:48.522	0.2	52.1		1.88		TAS				a_e		
TNS	125.73		PKPdf	10:05:52.572	0.3	52.1		1.88		TAS				a_e		
UBR	126.56		PKPdf	10:05:53.440	-0.3	52.1		1.88		TAS				m_e		
WERN	123.77		PKPdf	10:05:48.822	0.3	52.1		1.88		TAS				a_e		
WET	124.21		PKPdf	10:05:49.256	0.4	52.1		1.88		TAS				m_e		
WLF	127.19		PKPdf	10:05:55.579	0.9	52.1		1.88		TAS				m_e		

Event 41217006 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2014/12/17	13:58:54.45			64.6960	-18.0610				10.0			28		17.87	23.76	m i ke	BGR
41217012																	

Magnitude Err Nsta Author OrigID
mb 4.7 BGR 41217012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	19.35		P	14:03:18.280	0.2	327.7		10.68		TAS		181.2	1.43	m_e mb	5.1
ASSE	19.39		P	14:03:16.981	-0.5	327.7		10.68		TAS				m_e	
BFO	21.66		P	14:03:42.337	-0.5	327.7		10.68		TAS		28.9	0.95	m_e mb	4.7
BRG	21.65		P	14:03:40.318	-0.8	327.7		10.68		TAS		39.9	0.99	m_e mb	4.8

BSEG	17.87	P	14:02:58.971	-0.5	327.7	10.68	TAS	145.3	1.50	m_e	mb	4.9
BUG	18.68	P	14:03:10.502	-0.5	327.7	10.68	TAS	30.6	0.94	m_e	mb	4.5
CLL	20.94	P	14:03:33.282	-0.8	327.7	10.68	TAS	69.8	1.28	m_e	mb	4.8
CLZ	19.50	P	14:03:18.915	1.6	327.7	10.68	TAS			m_e		
FBE	21.38	P	14:03:37.790	-0.1	327.7	10.68	TAS			m_e		
FLT1	19.45	P	14:03:17.449	0.9	327.7	10.68	TAS	34.8	1.00	m_e	mb	4.5
GEC2	23.18	P	14:03:58.274	0.1	327.7	10.68	TAS			m_e		
GRA1	21.56	P	14:03:41.415	-0.0	327.7	10.68	TAS	26.9	0.81	m_e	mb	4.7
GTTG	19.58	P	14:03:20.311	0.4	327.7	10.68	TAS	82.4	1.19	m_e	mb	4.8
GUNZ	21.43	P	14:03:39.321	0.2	327.7	10.68	TAS	32.0	0.95	m_e	mb	4.6
IBBN	18.15	P	14:03:04.718	-0.6	327.7	10.68	TAS	31.3	0.92	m_e	mb	4.4
KAST	19.29	P	14:03:17.084	-0.4	327.7	10.68	TAS	34.4	1.13	m_e	mb	4.5
MANZ	21.65	P	14:03:41.812	-0.6	327.7	10.68	TAS			m_e		
MOX	20.93	P	14:03:34.140	0.9	327.7	10.68	TAS	52.8	1.09	m_e	mb	4.8
NEUB	20.55	P	14:03:29.821	-1.4	327.7	10.68	TAS	178.6	1.20	m_e	mb	5.3
NRDL	18.89	P	14:03:11.247	-1.4	327.7	10.68	TAS	37.4	1.11	m_e	mb	4.5
RJOB	23.76	P	14:04:05.248		327.7	10.68	TAS	3.8	0.75	m_e	mb	4.0
ROTZ	21.86	P	14:03:43.908	-0.1	327.7	10.68	TAS	31.8	1.24	m_e	mb	4.6
TANN	21.44	P	14:03:39.620	-0.1	327.7	10.68	TAS	29.2	0.99	m_e	mb	4.6
TNS	20.11	P	14:03:26.657	1.9	327.7	10.68	TAS			m_e		
UBBA	20.18	P	14:03:26.941	0.8	327.7	10.68	TAS	153.7	1.64	m_e	mb	5.0
UBR	22.84	P	14:03:55.395	-0.3	327.7	10.68	TAS	28.1	1.06	m_e	mb	4.7
WERD	21.35	P	14:03:38.635	0.3	327.7	10.68	TAS	20.9	0.99	m_e	mb	4.4
WERN	21.51	P	14:03:40.219	-1.0	327.7	10.68	TAS			m_e		
WET	22.63	P	14:03:52.484	0.8	327.7	10.68	TAS	27.4	1.13	m_e	mb	4.7

Event 41217007 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/17	20:13:55.95			-17.4340	-179.0580				33.0			13		142.85	148.91	m i ke	BGR
41217013																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.61		PKPbc	20:32:38.279	-0.1	17.2		2.81		TAS					m_e
BFO	148.60		PKPbc	20:32:43.402		17.2		2.81		TAS					m_e
BRG	145.06		PKPbc	20:32:33.385	0.2	17.2		2.81		TAS					m_e
BSEG	142.85		PKPbc	20:32:26.538	-0.5	17.2		2.81		TAS					m_e
CLL	144.87		PKPbc	20:32:32.610	-0.5	17.2		2.81		TAS					m_e
CLZ	144.87		PKPbc	20:32:32.483	-0.5	17.2		2.81		TAS					m_e
FBE	145.15		PKPbc	20:32:33.732	0.2	17.2		2.81		TAS					m_e
FLT1	144.25		PKPbc	20:32:30.561	-0.5	17.2		2.81		TAS					m_e
FUR	148.21		PKPbc	20:32:42.113		17.2		2.81		TAS					m_e
GEC2	146.99		PKPbc	20:32:38.976		17.2		2.81		TAS					m_e
GRA1	146.77		PKPbc	20:32:38.204	-0.1	17.2		2.81		TAS					m_e

GTTG	145.22	PKPbc	20:32:33.986	-0.4	17.2	2.81	TAS	m_e
GUNZ	145.90	PKPbc	20:32:35.868	-0.1	17.2	2.81	TAS	m_e
IBBN	144.79	PKPbc	20:32:32.353	0.4	17.2	2.81	TAS	m_e
KAST	145.79	PKPbc	20:32:35.444	-0.1	17.2	2.81	TAS	m_e
MANZ	146.30	PKPbc	20:32:37.161	-0.1	17.2	2.81	TAS	m_e
MOX	145.78	PKPbc	20:32:35.494	0.2	17.2	2.81	TAS	m_e
NEUB	145.23	PKPbc	20:32:33.884	0.2	17.2	2.81	TAS	m_e
NRDL	144.28	PKPbc	20:32:30.642	-0.2	17.2	2.81	TAS	m_e
RJOB	148.25	PKPbc	20:32:42.240		17.2	2.81	TAS	m_e
ROTZ	146.49	PKPbc	20:32:37.474	-0.1	17.2	2.81	TAS	m_e
RUE	143.60	PKPbc	20:32:28.884	0.1	17.2	2.81	TAS	m_e
TANN	145.82	PKPbc	20:32:35.772	-0.1	17.2	2.81	TAS	m_e
TNS	146.74	PKPbc	20:32:38.254	-0.1	17.2	2.81	TAS	m_e
UBR	148.91	PKPbc	20:32:43.889		17.2	2.81	TAS	m_e
WERD	145.83	PKPbc	20:32:35.767	-0.1	17.2	2.81	TAS	m_e
WERN	145.96	PKPbc	20:32:36.103	-0.1	17.2	2.81	TAS	m_e
WET	146.92	PKPbc	20:32:38.664	-0.1	17.2	2.81	TAS	m_e
WLF	147.57	PKPbc	20:32:40.798		17.2	2.81	TAS	m_e

Event 41218001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/18	07:47:49.67			-19.6100	-176.7900				216.5			24		145.30	151.44	m i ke	BGR
	41218007																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	151.05		PKPbc	08:07:15.989		5.9		2.52		TAS					m_e
BRG	147.67		PKPbc	08:07:07.924	-0.3	5.9		2.52		TAS					m_e
BSEG	145.30		PKPbc	08:07:00.878	-0.5	5.9		2.52		TAS					m_e
CLL	147.44		PKPbc	08:07:07.182	0.5	5.9		2.52		TAS					m_e
CLL	147.44		PKPab	08:07:09.611		13.9		4.59		TAS					m_e
CLL	147.44		pPKPbc	08:08:03.339	0.0					T__					m_e
CLZ	147.35		PKPbc	08:07:06.997	0.1	5.9		2.52		TAS					m_e
FBE	147.74		PKPbc	08:07:08.944	-0.1	5.9		2.52		TAS					m_e
FLT1	146.75		PKPbc	08:07:04.772	0.9	5.9		2.52		TAS					m_e
GEC2	149.63		PKPbc	08:07:13.208		5.9		2.52		TAS					m_e
GEC2	149.63		pPKPbc	08:08:09.558						T__					m_e
GOR1	146.10		PKPbc	08:07:03.289	0.2	5.9		2.52		TAS					m_e
GRA1	149.31		PKPbc	08:07:11.632		5.9		2.52		TAS					m_e
GUNZ	148.47		PKPbc	08:07:10.334		5.9		2.52		TAS					m_e
GUNZ	148.47		PKPab	08:07:14.308		13.9		4.59		TAS					m_e
MANZ	148.87		PKPbc	08:07:11.261		5.9		2.52		TAS					m_e
MOX	148.32		PKPbc	08:07:09.500	-0.4	5.9		2.52		TAS					m_e
NEUB	147.77		PKPab	08:07:11.022		13.9		4.59		TAS					m_e

NRDL	146.74	PKPbc	08:07:05.050	-0.0	5.9	2.52	TAS	m_e
PLN	148.38	PKPbc	08:07:09.685	-0.5	5.9	2.52	TAS	m_e
POSS	147.77	pPKPbc	08:08:06.598				T__	m_e
RJOB	150.88	PKPbc	08:07:15.804		5.9	2.52	TAS	m_e
TANN	148.40	PKPbc	08:07:09.778		5.9	2.52	TAS	m_e
UBR	151.44	PKPbc	08:07:16.916		5.9	2.52	TAS	m_e
WERD	148.39	PKPbc	08:07:09.778	-0.6	5.9	2.52	TAS	m_e
WERN	148.53	PKPbc	08:07:10.520		5.9	2.52	TAS	m_e
WET	149.53	PKPbc	08:07:12.652		5.9	2.52	TAS	m_e
WLF	149.92	PKPbc	08:07:14.445		5.9	2.52	TAS	m_e

Event 41218002 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/18	12:14:31.60			36.5800	71.0200				206.0	120.2		14		42.59	47.69	m i ke	EMSC
OrigID 41218034																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	41218008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	42.59		P	12:22:07.994	-0.2	83.6		7.91		TAS		13.1	0.60	m_e mb	4.8
BSEG	44.65		P	12:22:25.122		83.6		7.91		TAS		11.5	0.60	m_e mb	5.0
CLL	43.15		P	12:22:11.997		83.6		7.91		TAS		12.2	1.58	m_e mb	4.4
FBE	42.96		P	12:22:11.219	-0.3	83.6		7.91		TAS		11.4	0.71	m_e mb	4.7
FLT1	44.19		P	12:22:20.106		83.6		7.91		TAS		19.3	0.63	m_e mb	5.0
GEC2	42.90		P	12:22:10.288	0.1	83.6		7.91		TAS		5.2	1.06	m_e mb	4.2
GRA1	44.43		P	12:22:22.756		83.6		7.91		TAS		12.1	0.82	m_e mb	4.7
GTTG	45.03		P	12:22:27.630		83.6		7.91		TAS		20.3	0.63	m_e mb	5.2
GUNZ	43.65		P	12:22:16.339	0.0	83.6		7.91		TAS		5.6	0.83	m_e mb	4.3
IBBN	46.32		P	12:22:37.335		83.6		7.91		TAS		12.1	0.52	m_e mb	5.2
MANZ	43.82		P	12:22:18.457		83.6		7.91		TAS		4.9	0.72	m_e mb	4.3
NEUB	43.93		P	12:22:18.457		83.6		7.91		TAS		16.3	0.91	m_e mb	4.8
NRDL	44.86		P	12:22:26.340		83.6		7.91		TAS		10.7	0.89	m_e mb	4.8
UBR	45.43		P	12:22:29.924		83.6		7.91		TAS		13.8	0.72	m_e mb	5.0
WERD	43.66		P	12:22:16.307	0.2	83.6		7.91		TAS		6.7	1.07	m_e mb	4.3
WLF	47.69		P	12:22:48.372		83.6		7.91		TAS		19.9	0.95	m_e mb	5.2

Event 41218003 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/18	13:52:41.85			-16.6780	-172.1970				43.8			7		145.98	148.75	m i ke	BGR
OrigID 41218009																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	148.43		PKPbc	14:12:22.978		6.0		2.95		TAS					m_e	
GEC2	147.56		PKPbc	14:12:20.178		6.0		2.95		TAS					m_e	
GUNZ	146.20		PKPbc	14:12:16.202		6.0		2.95		TAS					m_e	
MANZ	146.59		PKPbc	14:12:17.632		6.0		2.95		TAS					m_e	
MOX	145.98		PKPbc	14:12:15.395		6.0		2.95		TAS					m_e	
PLN	146.09		PKPbc	14:12:15.683		6.0		2.95		TAS					m_e	
RJOB	148.75		PKPbc	14:12:23.637		6.0		2.95		TAS					m_e	
ROTZ	146.80		PKPbc	14:12:18.219		6.0		2.95		TAS					m_e	
ROTZ	146.80		pPKPbc	14:12:31.369						T__					m_e	
WERD	146.12		PKPbc	14:12:15.683		6.0		2.95		TAS					m_e	
WERN	146.27		PKPbc	14:12:16.490		6.0		2.95		TAS					m_e	
WET	147.36		PKPbc	14:12:19.717		6.0		2.95		TAS					m_e	
WLF	147.07		PKPbc	14:12:19.541		6.0		2.95		TAS					m_e	

Event 41218004 Nepal-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2014/12/18	15:32:09.76		26.9340	86.4910					33.0					60.66	60.66	m i ke	BGR
41218010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	41218010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	60.66		P	15:42:17.190		90.1		6.11		TAS		6.5	1.10	m_e mb	4.4

Event 41220001 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2014/12/20	09:29:57.04		37.2900	141.9300					42.5	0.2		41		78.44	85.51	m i ke	BGR
41220007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	41220007
Ms	5.8		BGR	41220007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.94		P	09:42:22.540	-0.2	36.9		5.24		TAS		131.3	1.51	a_e mb	5.9
AHRW	83.94		pP	09:42:34.778	0.0	37.1		5.22		TAS				a_e	

ARSA	83.16	P	09:42:18.693		36.9	5.24	TAS	123.2	1.69	m_e	mb	5.9
ASSE	81.33	P	09:42:08.890	0.4	36.9	5.24	TAS	86.0	1.32	a_e	mb	5.6
ASSE	81.33	pP	09:42:21.178	-0.2	37.1	5.22	TAS			a_e		
BFO	85.28	P	09:42:29.340		36.9	5.24	TAS	173.3	1.41	a_e	mb	6.1
BFO	85.28	pP	09:42:41.578		37.1	5.22	TAS			a_e		
BRG	81.04	P	09:42:07.440	0.2	36.9	5.24	TAS	127.8	1.55	a_e	mb	5.7
BRG	81.04	pP	09:42:19.728	-0.5	37.1	5.22	TAS			a_e		
BSEG	80.02	P	09:42:02.040	0.3	36.9	5.24	TAS	167.9	1.50	a_e	mb	5.7
BSEG	80.02	pP	09:42:14.278	-0.0	37.1	5.22	TAS			a_e		
BUG	83.13	P	09:42:18.040	0.1	36.9	5.24	TAS	129.7	1.58	a_e	mb	5.9
BUG	83.13	pP	09:42:30.328	0.1	37.1	5.22	TAS			a_e		
CLL	81.08	P	09:42:07.290	0.0	36.9	5.24	TAS	118.6	1.31	m_e	mb	5.8
CLL	81.08	pP	09:42:19.528	0.1	37.1	5.22	TAS			a_e		
CLZ	81.67	P	09:42:11.090	0.1	36.9	5.24	TAS	152.7	1.44	a_e	mb	5.9
CLZ	81.67	pP	09:42:23.278	0.1	37.1	5.22	TAS			a_e		
DAVA	85.51	P	09:42:30.520		36.9	5.24	TAS	97.8	1.23	m_e	mb	5.8
FBE	81.24	P	09:42:08.790	-0.0	36.9	5.24	TAS	180.3	1.50	a_e	mb	5.9
FBE	81.24	pP	09:42:21.028	0.0	37.1	5.22	TAS			a_e		
FLT1	80.96	P	09:42:06.440	-0.5	36.9	5.24	TAS	142.2	1.44	a_e	mb	5.8
FLT1	80.96	pP	09:42:18.678	-0.1	37.1	5.22	TAS			a_e		
FUR	84.25	P	09:42:24.390	0.3	36.9	5.24	TAS	93.5	0.90	a_e	mb	6.0
FUR	84.25	pP	09:42:36.628	-0.1	37.1	5.22	TAS			a_e		
GEC2	82.71	P	09:42:16.190	0.1	36.9	5.24	TAS	74.9	1.46	a_e	mb	5.7
GEC2	82.71	pP	09:42:28.428	0.3	37.1	5.22	TAS			a_e		
GOR1	80.41	P	09:42:04.390	-0.6	36.9	5.24	TAS	132.6	1.20	a_e	mb	5.7
GOR1	80.41	pP	09:42:16.628	0.2	37.1	5.22	TAS			a_e		
GRA1	83.05	P	09:42:18.540	0.1	36.9	5.24	TAS	241.4	1.50	a_e	mb	6.2
GRA1	83.05	pP	09:42:30.778	-0.2	37.1	5.22	TAS			a_e		
GRA1	83.05	L	10:23:35.189				T__	4010.4	19.30	a_e	Ms	5.8
GTTG	82.06	P	09:42:12.890	0.2	36.9	5.24	TAS	93.8	1.24	a_e	mb	5.8
GTTG	82.06	pP	09:42:25.128	0.1	37.1	5.22	TAS			a_e		
GUNZ	82.08	P	09:42:13.140	0.0	36.9	5.24	TAS	122.4	1.58	a_e	mb	5.8
GUNZ	82.08	pP	09:42:25.428	0.2	37.1	5.22	TAS			a_e		
IBBN	82.25	P	09:42:13.640	0.4	36.9	5.24	TAS	177.5	1.52	a_e	mb	6.0
IBBN	82.25	pP	09:42:25.828	0.1	37.1	5.22	TAS			a_e		
KAST	82.91	P	09:42:17.240	-0.2	36.9	5.24	TAS	62.9	1.30	a_e	mb	5.7
KAST	82.91	pP	09:42:29.478	0.4	37.1	5.22	TAS			a_e		
KBA	84.24	P	09:42:23.704		36.9	5.24	TAS	176.9	2.04	m_e	mb	5.9
MANZ	82.47	P	09:42:15.090	-0.0	36.9	5.24	TAS	74.1	1.46	a_e	mb	5.6
MANZ	82.47	pP	09:42:27.378	0.4	37.1	5.22	TAS			a_e		
MOA	83.24	P	09:42:19.048		36.9	5.24	TAS	95.7	1.56	m_e	mb	5.8
MOX	82.15	P	09:42:13.340	0.0	36.9	5.24	TAS	120.4	1.60	a_e	mb	5.8
MOX	82.15	pP	09:42:25.628	-0.1	37.1	5.22	TAS			a_e		
MOX	82.15	L	10:23:26.043				T__	4254.1	20.20	a_e	Ms	5.8
NEUB	81.65	P	09:42:10.490	0.1	36.9	5.24	TAS	95.9	1.11	a_e	mb	5.8
NEUB	81.65	pP	09:42:22.728	0.3	37.1	5.22	TAS			a_e		
NRDL	81.25	P	09:42:08.490	-0.2	36.9	5.24	TAS	68.5	1.56	a_e	mb	5.4
NRDL	81.25	pP	09:42:20.778	-0.1	37.1	5.22	TAS			a_e		
OBKA	84.16	P	09:42:23.162		36.9	5.24	TAS	30.3	0.95	m_e	mb	5.5

PLN	82.06	P	09:42:12.990	0.1	36.9	5.24	TAS	106.9	1.66	a_e	mb	5.7
PLN	82.06	pP	09:42:25.278	0.1	37.1	5.22	TAS			a_e		
RGN	78.44	P	09:41:53.540	-0.3	36.9	5.24	TAS			a_e		
RGN	78.44	pP	09:42:05.778	-0.4	37.1	5.22	TAS			a_e		
RJOB	83.95	P	09:42:23.040	0.0	36.9	5.24	TAS	41.1	1.32	a_e	mb	5.5
RJOB	83.95	pP	09:42:35.328	-0.0	37.1	5.22	TAS			a_e		
ROTZ	82.60	P	09:42:16.190	-0.2	36.9	5.24	TAS	184.4	1.62	a_e	mb	6.1
ROTZ	82.60	pP	09:42:28.428	-0.1	37.1	5.22	TAS			m_e		
RUE	79.87	P	09:42:01.290	0.1	36.9	5.24	TAS	126.3	1.43	a_e	mb	5.6
RUE	79.87	pP	09:42:13.528	-0.2	37.1	5.22	TAS			a_e		
SKMB	79.70	pP	09:42:13.128	0.6	37.1	5.22	TAS			a_e		
STU	84.59	P	09:42:25.890	-0.6	36.9	5.24	TAS	164.5	1.42	a_e	mb	6.1
STU	84.59	pP	09:42:38.178	0.3	37.1	5.22	TAS			a_e		
TANN	81.99	P	09:42:12.640	0.1	36.9	5.24	TAS	139.0	1.80	a_e	mb	5.8
TANN	81.99	pP	09:42:24.928	0.1	37.1	5.22	TAS			a_e		
TNS	83.70	P	09:42:21.390	0.0	36.9	5.24	TAS	131.1	1.73	a_e	mb	5.9
TNS	83.70	pP	09:42:33.678	0.2	37.1	5.22	TAS			a_e		
UBBA	82.63	P	09:42:15.740	0.3	36.9	5.24	TAS	65.7	1.57	a_e	mb	5.6
UBBA	82.63	pP	09:42:27.978	-0.2	37.1	5.22	TAS			a_e		
UBR	85.11	P	09:42:28.290		36.9	5.24	TAS	100.6	1.62	a_e	mb	5.8
UBR	85.11	pP	09:42:40.528	-0.4	37.1	5.22	TAS			a_e		
WERN	82.13	P	09:42:13.490	0.0	36.9	5.24	TAS	121.2	1.57	a_e	mb	5.8
WERN	82.13	pP	09:42:25.728	0.1	37.1	5.22	TAS			a_e		
WET	82.82	P	09:42:17.190	0.4	36.9	5.24	TAS	118.5	1.52	a_e	mb	5.9
WET	82.82	pP	09:42:29.428	0.0	37.1	5.22	TAS			a_e		
WLF	85.00	P	09:42:28.440	-0.4	36.9	5.24	TAS	245.3	1.83	a_e	mb	6.1
WLF	85.00	pP	09:42:40.628	-0.6	37.1	5.22	TAS			a_e		

Event 41221006 Samar, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/21	00:25:20.30			11.3660	125.9420				10.0			12		94.66	98.35	m i ke	NEIC
41221045																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	41221012
Ms	5.3		BGR	41221012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	94.66		P	00:38:39.982	0.7	63.7		4.86		TAS		27.8	1.73	m_e	mb	5.4
BUG	98.15		P	00:38:57.433		63.7		4.86		TAS		56.1	1.80	m_e	mb	6.0
CLL	95.02		P	00:38:43.007	-0.4	63.7		4.86		TAS		10.9	1.33	m_e	mb	5.1
FBE	94.98		P	00:38:42.309	0.6	63.7		4.86		TAS		60.8	1.91	m_e	mb	5.7
GEC2	95.64		P	00:38:46.037		63.7		4.86		TAS		21.1	1.69	m_e	mb	5.4
GRA1	96.74		L	01:26:52.356						T__	1387.2	18.60		a_e	Ms	5.5
GUNZ	95.81		P	00:38:46.730		63.7		4.86		TAS		16.8	1.36	m_e	mb	5.4

MANZ	96.10	P	00:38:47.661	63.7	4.86	TAS	55.3	2.23	m_e	mb	5.7
MOX	96.10	P	00:38:47.428	63.7	4.86	TAS	21.6	1.54	m_e	mb	5.4
MOX	96.10	L	01:23:09.192			T__	851.9	20.90	a_e	Ms	5.2
NRDL	96.11	P	00:38:48.460	63.7	4.86	TAS	87.0	2.05	m_e	mb	5.9
PLN	95.85	P	00:38:45.799	63.7	4.86	TAS	31.6	1.71	m_e	mb	5.6
ROTZ	96.14	P	00:38:48.359	63.7	4.86	TAS	24.4	1.78	m_e	mb	5.4
STU	98.35	P	00:38:58.344	63.7	4.86	TAS	7.6	0.80	m_e	mb	5.5
UBBA	96.94	P	00:38:51.849	63.7	4.86	TAS	23.4	1.70	m_e	mb	5.5
WERN	95.81	P	00:38:45.799	63.7	4.86	TAS	15.2	1.67	m_e	mb	5.3
WET	96.00	P	00:38:46.962	63.7	4.86	TAS	46.6	2.25	m_e	mb	5.6

Event 41221003 Myanmar-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/21	05:38:00.17			24.6800	93.9100				33.0			29		64.90	70.20	m i ke	BGR
41221009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	41221009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	69.40		P	05:49:04.995		79.2		6.33		TAS		9.8	0.82	m_e	mb	5.1
BRG	65.06		P	05:48:37.171	-0.3	79.2		6.33		TAS		10.4	0.77	m_e	mb	5.1
BSEG	66.74		P	05:48:48.568	1.2	79.2		6.33		TAS		28.2	0.81	m_e	mb	5.5
BUG	69.07		P	05:49:03.049		79.2		6.33		TAS		13.3	0.96	m_e	mb	5.1
CLL	65.58		P	05:48:40.148	-0.6	79.2		6.33		TAS		8.6	0.86	m_e	mb	5.0
CLZ	67.10		P	05:48:50.331	-0.0	79.2		6.33		TAS		19.1	0.69	m_e	mb	5.4
FBE	65.42		P	05:48:39.951	0.1	79.2		6.33		TAS		20.7	0.95	m_e	mb	5.3
FUR	67.26		P	05:48:51.419	0.0	79.2		6.33		TAS		32.8	1.05	m_e	mb	5.5
GEC2	65.55		P	05:48:40.558	0.1	79.2		6.33		TAS		26.4	0.76	m_e	mb	5.5
GOR1	66.32		P	05:48:46.322	0.9	79.2		6.33		TAS		33.1	0.90	m_e	mb	5.6
GRA1	66.99		P	05:48:50.829	0.2	79.2		6.33		TAS		22.9	0.89	m_e	mb	5.4
GTTG	67.40		P	05:48:52.322	-1.0	79.2		6.33		TAS		7.1	0.77	m_e	mb	5.0
GUNZ	66.16		P	05:48:44.300	-0.1	79.2		6.33		TAS		14.6	0.75	m_e	mb	5.3
IBBN	68.58		P	05:48:58.750		79.2		6.33		TAS		35.6	1.38	m_e	mb	5.4
MANZ	66.37		P	05:48:45.994	0.2	79.2		6.33		TAS		10.0	0.98	m_e	mb	5.0
MOX	66.56		P	05:48:46.769	0.6	79.2		6.33		TAS		10.8	0.96	m_e	mb	5.1
NEUB	66.36		P	05:48:45.384	-0.3	79.2		6.33		TAS		18.8	0.76	m_e	mb	5.4
PLN	66.24		P	05:48:44.739	-0.3	79.2		6.33		TAS		8.8	0.83	m_e	mb	5.0
RGN	64.90		P	05:48:36.384	0.1	79.2		6.33		TAS		118.6	0.96	m_e	mb	6.1
ROTZ	66.34		P	05:48:46.130	0.5	79.2		6.33		TAS		31.7	0.74	m_e	mb	5.6
RUE	64.92		P	05:48:36.016	-0.6	79.2		6.33		TAS		32.6	0.63	m_e	mb	5.7
STU	68.48		P	05:48:59.099	0.1	79.2		6.33		TAS		25.6	0.72	m_e	mb	5.5
TANN	66.07		P	05:48:44.097	0.2	79.2		6.33		TAS		10.6	0.83	m_e	mb	5.1
TNS	68.63		P	05:48:59.830		79.2		6.33		TAS		18.2	0.81	m_e	mb	5.4
UBR	68.13		P	05:48:56.412	0.2	79.2		6.33		TAS		17.2	1.09	m_e	mb	5.2

WERD	66.16	P	05:48:44.212	-0.2	79.2	6.33	TAS	13.0	0.79	m_e	mb	5.2
WERN	66.14	P	05:48:44.397	0.0	79.2	6.33	TAS	11.4	0.83	m_e	mb	5.1
WET	66.03	P	05:48:43.452	-0.1	79.2	6.33	TAS	12.4	0.82	m_e	mb	5.2
WLF	70.20	P	05:49:10.177		79.2	6.33	TAS	42.4	0.92	m_e	mb	5.6

Event 41221004 Northern Molucca Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/21	11:34:13.60			2.0370	126.6400				41.0			20		102.10	104.63	m i ke	NEIC
OrigID 41221043																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.1		BGR	41221010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	104.00		Pdiff	11:48:13.419	-0.0					T__				m_e	
BRG	102.53		Pdiff	11:48:06.775	0.2					T__				m_e	
BSEG	103.51		Pdiff	11:48:10.547	-0.6					T__				m_e	
CLL	102.95		Pdiff	11:48:08.136	-0.2					T__				m_e	
CLZ	104.28		Pdiff	11:48:14.780						T__				m_e	
FBE	102.87		Pdiff	11:48:08.296	-0.3					T__				m_e	
FLT1	103.60		Pdiff	11:48:10.777	-0.2					T__				m_e	
GEC2	103.34		Pdiff	11:48:10.217	-0.1					T__				m_e	
GRA1	104.58		Pdiff	11:48:16.060						T__				m_e	
GRA1	104.58		L	12:40:24.776						T__		6685.9	21.90	a_e Ms	6.1
GTTG	104.63		Pdiff	11:48:16.301						T__				m_e	
GUNZ	103.67		Pdiff	11:48:11.898	0.2					T__				m_e	
MANZ	103.94		Pdiff	11:48:13.499	0.3					T__				m_e	
MOX	104.00		Pdiff	11:48:13.419	0.2					T__				m_e	
MOX	104.00		L	12:44:11.821						T__		5658.3	22.00	a_e Ms	6.1
NRDL	104.18		Pdiff	11:48:13.979						T__				m_e	
PLN	103.73		Pdiff	11:48:12.058	0.1					T__				m_e	
ROTZ	103.95		Pdiff	11:48:13.339	-0.1					T__				m_e	
RUE	102.10		Pdiff	11:48:04.773	0.2					T__				m_e	
TANN	103.58		Pdiff	11:48:11.338	0.0					T__				m_e	
WERD	103.66		Pdiff	11:48:11.578	-0.1					T__				m_e	
WET	103.76		Pdiff	11:48:12.698	0.1					T__				m_e	

Event 41221001 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/21	16:51:14.90			45.0570	146.4940				33.0			28		74.54	80.04	m i ke	BGR
OrigID 41221007																	

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 41221007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.48		P	17:03:10.630	-0.1	30.6		5.58		TAS		22.5	1.24	m_e	mb 5.2
ASSE	75.99		P	17:02:57.254	0.3	30.6		5.58		TAS		42.4	1.48	m_e	mb 5.4
BFO	80.04		P	17:03:19.044	-0.5	30.6		5.58		TAS		19.3	1.45	m_e	mb 4.8
BRG	75.99		P	17:02:56.544	-0.4	30.6		5.58		TAS		18.3	1.28	m_e	mb 5.1
BSEG	74.54		P	17:02:48.886	0.1	30.6		5.58		TAS		16.9	0.88	m_e	mb 5.1
BUG	77.63		P	17:03:06.289	0.3	30.6		5.58		TAS		14.3	0.88	m_e	mb 5.1
CLL	75.94		P	17:02:56.320	-0.4	30.6		5.58		TAS		26.6	0.91	m_e	mb 5.4
CLZ	76.33		P	17:02:59.097	0.3	30.6		5.58		TAS		23.9	0.93	m_e	mb 5.3
FBE	76.15		P	17:02:57.679	-0.2	30.6		5.58		TAS		12.5	0.84	m_e	mb 5.1
FLT1	75.64		P	17:02:54.625	-0.3	30.6		5.58		TAS		27.3	0.92	m_e	mb 5.4
GEC2	77.79		P	17:03:07.222	0.2	30.6		5.58		TAS		4.3	0.56	m_e	mb 4.8
GRA1	77.91		P	17:03:08.078	0.4	30.6		5.58		TAS		26.1	0.88	m_e	mb 5.4
GTTG	76.72		P	17:03:01.082	0.1	30.6		5.58		TAS		14.5	0.93	m_e	mb 5.1
GUNZ	76.97		P	17:03:02.142	-0.3	30.6		5.58		TAS		29.8	1.64	m_e	mb 5.2
IBBN	76.72		P	17:03:00.988	0.1	30.6		5.58		TAS		49.7	1.17	m_e	mb 5.5
MANZ	77.37		P	17:03:05.042	0.4	30.6		5.58		TAS		9.2	1.20	m_e	mb 4.8
MOX	76.97		P	17:03:02.311	-0.1	30.6		5.58		TAS		12.3	1.16	m_e	mb 4.9
NEUB	76.44		P	17:02:59.730	0.2	30.6		5.58		TAS		28.8	1.06	m_e	mb 5.3
NRDL	75.85		P	17:02:56.166	0.0	30.6		5.58		TAS		19.7	1.17	m_e	mb 5.1
PLN	76.92		P	17:03:02.149	-0.0	30.6		5.58		TAS		8.3	1.03	m_e	mb 4.8
RJOB	79.05		P	17:03:14.630	0.1	30.6		5.58		TAS		23.8	1.07	m_e	mb 5.1
ROTZ	77.52		P	17:03:05.989	0.5	30.6		5.58		TAS		11.2	1.18	m_e	mb 4.9
RUE	74.69		P	17:02:49.643	-0.1	30.6		5.58		TAS		51.1	1.19	m_e	mb 5.4
STU	79.38		P	17:03:15.735	-0.1	30.6		5.58		TAS		12.2	0.76	m_e	mb 5.0
TNS	78.34		P	17:03:10.063	0.0	30.6		5.58		TAS		10.6	0.91	m_e	mb 5.0
UBBA	77.34		P	17:03:04.077	-0.4	30.6		5.58		TAS		9.4	1.25	m_e	mb 4.8
WERD	76.91		P	17:03:02.028	-0.0	30.6		5.58		TAS		6.8	0.85	m_e	mb 4.8
WERN	77.02		P	17:03:02.236	-0.5	30.6		5.58		TAS		11.8	0.96	m_e	mb 5.0
WET	77.82		P	17:03:07.700	0.5	30.6		5.58		TAS		21.3	1.24	m_e	mb 5.1

Event 41222002 Pacific-Antarctic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/22	07:19:36.60			-54.5100	-148.2500				10.0			31		163.58	168.60	m i ke	BGR
OrigID 41222008																	

Magnitude Err Nsta Author OrigID
 Ms 5.7 BGR 41222008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	164.50		PKPdf	07:39:42.728	-0.0	250.8		0.57		TAS				m_e	

ASSE	167.18	PKPdf	07:39:44.276	0.0	250.8	0.57	TAS						m_e
ASSE	167.18	PKPab	07:40:46.807		245.7	4.39	TAS						m_e
BFO	164.18	PKPdf	07:39:42.512	-0.2	250.8	0.57	TAS						m_e
BRG	168.60	PKPdf	07:39:45.157	0.0	250.8	0.57	TAS						m_e
BSEG	167.45	PKPdf	07:39:44.262	-0.2	250.8	0.57	TAS						m_e
BUG	164.96	PKPdf	07:39:42.944	-0.1	250.8	0.57	TAS						m_e
CLL	168.24	PKPdf	07:39:44.563	-0.3	250.8	0.57	TAS						m_e
CLL	168.24	PKPab	07:40:51.526		245.7	4.39	TAS						m_e
CLZ	166.91	PKPdf	07:39:44.173	0.1	250.8	0.57	TAS						m_e
CLZ	166.91	PKPab	07:40:45.649	0.4	245.7	4.39	TAS						m_e
FBE	168.28	PKPdf	07:39:45.103	0.1	250.8	0.57	TAS						m_e
FBE	168.28	PKPab	07:40:52.393		245.7	4.39	TAS						m_e
FLT1	167.58	PKPdf	07:39:44.501	0.0	250.8	0.57	TAS						m_e
FLT1	167.58	PKPab	07:40:48.447		245.7	4.39	TAS						m_e
FUR	165.74	PKPdf	07:39:43.684	-0.1	250.8	0.57	TAS						m_e
GEC2	167.46	PKPdf	07:39:44.617	-0.1	250.8	0.57	TAS						m_e
GRA1	166.51	PKPdf	07:39:44.294	0.3	250.8	0.57	TAS						m_e
GRA1	166.51	PKPab	07:40:44.283	0.1	245.7	4.39	TAS						m_e
GRA1	166.51	L	08:56:39.735				T__	896.3	20.30	a_e	Ms	5.6	
GTTG	166.57	PKPdf	07:39:43.970	0.1	250.8	0.57	TAS						m_e
GUNZ	167.46	PKPdf	07:39:44.617	0.1	250.8	0.57	TAS						m_e
IBBN	165.54	PKPdf	07:39:43.214	-0.1	250.8	0.57	TAS						m_e
MANZ	167.15	PKPdf	07:39:44.348	-0.0	250.8	0.57	TAS						m_e
MANZ	167.15	PKPab	07:40:47.763		245.7	4.39	TAS						m_e
MOX	167.17	PKPdf	07:39:44.294	-0.0	250.8	0.57	TAS						m_e
MOX	167.17	L	08:56:14.858				T__	1119.5	18.10	a_e	Ms	5.8	
NEUB	167.49	PKPdf	07:39:44.670	0.2	250.8	0.57	TAS						m_e
NRDL	166.97	PKPdf	07:39:43.970	-0.2	250.8	0.57	TAS						m_e
NRDL	166.97	PKPab	07:40:46.262	-0.3	245.7	4.39	TAS						m_e
PLN	167.41	PKPdf	07:39:44.455	-0.0	250.8	0.57	TAS						m_e
PLN	167.41	PKPab	07:40:47.523		245.7	4.39	TAS						m_e
RJOB	166.33	PKPdf	07:39:43.916	-0.3	250.8	0.57	TAS						m_e
ROTZ	167.10	PKPdf	07:39:44.509	0.2	250.8	0.57	TAS						m_e
ROTZ	167.10	PKPab	07:40:46.145		245.7	4.39	TAS						m_e
STU	164.90	PKPdf	07:39:43.126	0.0	250.8	0.57	TAS						m_e
TANN	167.55	PKPdf	07:39:44.725	0.2	250.8	0.57	TAS						m_e
TANN	167.55	PKPab	07:40:48.908		245.7	4.39	TAS						m_e
TNS	165.16	PKPdf	07:39:43.538	0.4	250.8	0.57	TAS						m_e
TNS	165.16	PKPab	07:40:37.670	-0.2	245.7	4.39	TAS						m_e
UBBA	166.31	PKPdf	07:39:43.808	0.0	250.8	0.57	TAS						m_e
UBBA	166.31	PKPab	07:40:42.805	0.9	245.7	4.39	TAS						m_e
UBR	164.82	PKPdf	07:39:43.106	-0.1	250.8	0.57	TAS						m_e
WERN	167.45	PKPdf	07:39:44.671	0.2	250.8	0.57	TAS						m_e
WERN	167.45	PKPab	07:40:48.203		245.7	4.39	TAS						m_e
WET	167.17	PKPdf	07:39:44.348	-0.1	250.8	0.57	TAS						m_e
WET	167.17	PKPab	07:40:46.246		245.7	4.39	TAS						m_e
WLF	163.58	PKPdf	07:39:42.296	0.1	250.8	0.57	TAS						m_e
WLF	163.58	PKPab	07:40:31.270	0.3	245.7	4.39	TAS						m_e

Event 41222004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/22	15:13:09.76			-18.3300	-177.0600				600.0			27		144.01	150.15	m i ke	BGR
OrigID 41222010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	147.69		PKPbc	15:31:47.108	-0.1	13.4		2.73		TAS					m_e
BFO	149.76		PKPbc	15:31:52.243		13.4		2.73		TAS					m_e
BRG	146.37		PKPbc	15:31:43.451	0.3	13.4		2.73		TAS					m_e
BSEG	144.01		PKPbc	15:31:35.851	-0.2	13.4		2.73		TAS					m_e
CLL	146.14		PKPbc	15:31:42.998	0.3	13.4		2.73		TAS					m_e
CLZ	146.05		PKPbc	15:31:42.657	0.1	13.4		2.73		TAS					m_e
FBE	146.44		PKPbc	15:31:44.085	-0.1	13.4		2.73		TAS					m_e
FLT1	145.45		PKPbc	15:31:40.746	-0.2	13.4		2.73		TAS					m_e
FUR	149.48		PKPbc	15:31:51.903		13.4		2.73		TAS					m_e
GEC2	148.34		PKPbc	15:31:48.840		13.4		2.73		TAS					m_e
GRA1	148.01		PKPbc	15:31:48.443		13.4		2.73		TAS					m_e
GTTG	146.39		PKPbc	15:31:44.016	0.1	13.4		2.73		TAS					m_e
GUNZ	147.17		PKPbc	15:31:45.664	0.2	13.4		2.73		TAS					m_e
MANZ	147.57		PKPbc	15:31:47.082	-0.5	13.4		2.73		TAS					m_e
MOX	147.02		PKPbc	15:31:45.437	0.4	13.4		2.73		TAS					m_e
NRDL	145.45		PKPbc	15:31:40.898	0.5	13.4		2.73		TAS					m_e
PLN	147.08		PKPbc	15:31:45.540	0.5	13.4		2.73		TAS					m_e
RJOB	149.58		PKPbc	15:31:51.876		13.4		2.73		TAS					m_e
ROTZ	147.76		PKPbc	15:31:47.479	-0.4	13.4		2.73		TAS					m_e
STU	149.22		PKPbc	15:31:51.215		13.4		2.73		TAS					m_e
TANN	147.10		PKPbc	15:31:45.607	-0.2	13.4		2.73		TAS					m_e
TNS	147.88		PKPbc	15:31:47.952	-0.6	13.4		2.73		TAS					m_e
UBR	150.15		PKPbc	15:31:53.378		13.4		2.73		TAS					m_e
WERD	147.09		PKPbc	15:31:45.777	-0.2	13.4		2.73		TAS					m_e
WERN	147.23		PKPbc	15:31:46.174	0.0	13.4		2.73		TAS					m_e
WET	148.23		PKPbc	15:31:48.500		13.4		2.73		TAS					m_e
WLF	148.63		PKPbc	15:31:50.017		13.4		2.73		TAS					m_e

Event 41222005 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/22	17:42:38.96			65.7820	-18.1490				33.0					22.16	22.16	m i ke	BGR
OrigID 41222011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	41222011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	22.16		P	17:47:31.570		323.5		10.38		TAS		14.0	1.39	m_e	mb	4.2

Event 41222006 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/22	22:35:48.70			-7.4750	155.8970				59.0			24		126.01	130.91	m_i	ke NEIC
OrigID																	
41222045																	

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	129.85		PKPdf	22:54:52.196		47.1		1.98		TAS				m_e	
ASSE	127.15		PKPdf	22:54:47.288	0.1	47.1		1.98		TAS				m_e	
BFO	130.90		PKPdf	22:54:54.783		47.1		1.98		TAS				m_e	
BRG	126.50		PKPdf	22:54:45.895	-0.2	47.1		1.98		TAS				m_e	
BSEG	126.01		PKPdf	22:54:44.834	-0.1	47.1		1.98		TAS				m_e	
CLL	126.66		PKPdf	22:54:45.961	0.1	47.1		1.98		TAS				m_e	
CLZ	127.48		PKPdf	22:54:47.739	0.0	47.1		1.98		TAS				m_e	
FBE	126.75		PKPdf	22:54:46.293	0.1	47.1		1.98		TAS				m_e	
FLT1	126.76		PKPdf	22:54:46.226	-0.0	47.1		1.98		TAS				m_e	
GEC2	127.92		PKPdf	22:54:48.614	-0.4	47.1		1.98		TAS				m_e	
GRA1	128.59		PKPdf	22:54:49.543		47.1		1.98		TAS				m_e	
GTTG	127.87		PKPdf	22:54:48.747	-0.0	47.1		1.98		TAS				m_e	
GUNZ	127.60		PKPdf	22:54:47.818	0.3	47.1		1.98		TAS				m_e	
MANZ	127.96		PKPdf	22:54:48.946	-0.5	47.1		1.98		TAS				m_e	
MOX	127.75		PKPdf	22:54:48.548	-0.4	47.1		1.98		TAS				m_e	
NRDL	127.13		PKPdf	22:54:47.288	-0.2	47.1		1.98		TAS				m_e	
PLN	127.60		PKPdf	22:54:48.084	-0.1	47.1		1.98		TAS				m_e	
ROTZ	128.06		PKPdf	22:54:48.813	0.2	47.1		1.98		TAS				m_e	
STU	130.19		PKPdf	22:54:53.058		47.1		1.98		TAS				m_e	
TANN	127.51		PKPdf	22:54:47.754	0.3	47.1		1.98		TAS				m_e	
UBR	130.50		PKPdf	22:54:53.257		47.1		1.98		TAS				m_e	
WERN	127.63		PKPdf	22:54:48.283	0.0	47.1		1.98		TAS				m_e	
WET	128.14		PKPdf	22:54:49.078	0.4	47.1		1.98		TAS				m_e	
WLF	130.91		PKPdf	22:54:55.048		47.1		1.98		TAS				m_e	

Event 41224002 West of Macquarie Island

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

2014/12/24 01:19:39.60 -56.2180 146.8650 10.0 152.89 152.89 m i ke NEIC
41224041

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 152.89 PKPbc 01:39:35.177 121.1 2.49 TAS m_e

Event 41224003 West of Macquarie Island

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2014/12/24 01:58:05.80 -55.3170 147.0610 33.0 12 151.01 155.95 m i ke BGR
41224009

Magnitude Err Nsta Author OrigID
Ms 5.8 BGR 41224009

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
BSEG 155.21 PKPbc 02:18:05.183 119.1 2.28 TAS m_e
BUG 155.95 PKPbc 02:18:06.324 119.1 2.28 TAS m_e
CLL 152.65 PKPbc 02:17:58.999 119.1 2.28 TAS m_e
CLZ 154.36 PKPbc 02:18:03.211 119.1 2.28 TAS m_e
FUR 152.10 PKPbc 02:17:57.558 -0.1 119.1 2.28 TAS m_e
GEC2 151.07 PKPbc 02:17:55.452 0.1 119.1 2.28 TAS m_e
GRA1 152.91 PKPbc 02:18:00.107 119.1 2.28 TAS m_e
GRA1 152.91 L 03:34:56.627 T__ 1495.1 21.70 a_e Ms 5.8
MANZ 152.54 PKPbc 02:17:58.888 0.2 119.1 2.28 TAS m_e
MOX 153.13 L 03:30:02.933 T__ 1677.9 22.00 a_e Ms 5.8
RJOB 151.01 PKPbc 02:17:55.119 -0.1 119.1 2.28 TAS m_e
RUE 152.73 PKPbc 02:17:59.354 119.1 2.28 TAS m_e
UBR 152.51 PKPbc 02:17:58.666 -0.2 119.1 2.28 TAS m_e
WET 151.69 PKPbc 02:17:56.671 -0.1 119.1 2.28 TAS m_e

Event 41224004 South of Fiji Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2014/12/24 08:44:39.89 -25.3500 -178.6700 500.0 12 150.67 155.92 m i ke BGR
41224010

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
BRG 152.73 PKPbc 09:03:39.253 18.7 2.18 TAS m_e

BRG	152.73	PKPab	09:03:52.355		20.5	4.40	TAS	m_e
BSEG	150.67	PKPbc	09:03:34.948	0.0	18.7	2.18	TAS	m_e
CLL	152.58	PKPbc	09:03:39.297		18.7	2.18	TAS	m_e
CLL	152.58	PKPab	09:03:51.648		20.5	4.40	TAS	m_e
FBE	152.85	PKPbc	09:03:40.087		18.7	2.18	TAS	m_e
FBE	152.85	PKPab	09:03:53.212		20.5	4.40	TAS	m_e
FLT1	152.03	PKPbc	09:03:37.673	0.3	18.7	2.18	TAS	m_e
FLT1	152.03	PKPab	09:03:49.070	0.3	20.5	4.40	TAS	m_e
FUR	155.92	PKPab	09:04:06.394		20.5	4.40	TAS	m_e
GUNZ	153.62	PKPab	09:03:56.664		20.5	4.40	TAS	m_e
RJOB	155.88	PKPab	09:04:06.403		20.5	4.40	TAS	m_e
ROTZ	154.20	PKPab	09:03:59.183		20.5	4.40	TAS	m_e
RUE	151.32	PKPbc	09:03:36.436	-0.3	18.7	2.18	TAS	m_e
TANN	153.54	PKPab	09:03:56.269		20.5	4.40	TAS	m_e
WERN	153.68	PKPab	09:03:56.878		20.5	4.40	TAS	m_e

Event 41224005 Southern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/24	11:40:07.55	0.94	0.99	41.4410	15.2570	20.0	14.5	98	10.0			12	325	5.09	9.98	m i ke	BGR
OrigID 41224011																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.5		BGR	41224011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	5.81		Sn	11:42:34.812	-0.0					T__				m_e	
ARSA	5.81		Pn	11:41:33.510	0.9					T__				m_e	ML 4.2
BFO	8.46		Sn	11:43:38.704	0.9					T__				m_e	
BFO	8.46		Pn	11:42:08.154	-0.8					T__				m_e	ML 4.4
DAVA	7.00		Pn	11:41:50.415	1.5					T__				m_e	ML 4.7
GEC2	7.49		Sn	11:43:14.002	-0.6					T__				m_e	
GEC2	7.49		Pn	11:41:55.337	-0.2					T__				m_e	ML 4.6
KBA	5.80		Pn	11:41:33.102	0.7					T__				m_e	ML 4.4
MOA	6.45		Sn	11:42:50.823	0.9					T__				m_e	
MOA	6.45		Pn	11:41:42.844	1.5					T__				m_e	ML 4.6
MOX	9.55		Pn	11:42:22.141	-1.7					T__				m_e	
OBKA	5.09		Pn	11:41:23.651	0.9					T__				m_e	ML 4.7
ROTZ	8.60		Pn	11:42:09.466	-1.3					T__				m_e	ML 4.2
TNS	9.98		Pn	11:42:28.974	-0.8					T__				m_e	
UBR	7.24		Pn	11:41:52.266	0.1					T__				m_e	ML 4.9
WET	7.88		Sn	11:43:23.171	-0.9					T__				m_e	
WET	7.88		Pn	11:42:00.011	-1.0					T__				m_e	ML 4.5

Event 41229002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/29	06:26:51.87			-18.3530	-176.6430				33.0				16	144.08	149.83	m i ke	BGR
OrigID 41229008																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	149.83		PKPbc	06:46:37.518		14.2		2.78		TAS					m_e
BRG	146.48		PKPbc	06:46:28.490	-0.8	14.2		2.78		TAS					m_e
BSEG	144.08		PKPbc	06:46:21.639	-0.4	14.2		2.78		TAS					m_e
CLL	146.24		PKPbc	06:46:27.925	0.3	14.2		2.78		TAS					m_e
FBE	146.54		PKPbc	06:46:29.220	0.1	14.2		2.78		TAS					m_e
FLT1	145.53		PKPbc	06:46:25.626	0.3	14.2		2.78		TAS					m_e
GEC2	148.45		PKPbc	06:46:33.621		14.2		2.78		TAS					m_e
GRA1	148.10		PKPbc	06:46:33.621		14.2		2.78		TAS					m_e
GTTG	146.47		PKPbc	06:46:29.186		14.2		2.78		TAS					m_e
GUNZ	147.27		PKPbc	06:46:31.221		14.2		2.78		TAS					m_e
MANZ	147.67		PKPbc	06:46:31.829		14.2		2.78		TAS					m_e
MOX	147.12		PKPbc	06:46:32.693		14.2		2.78		TAS					m_e
TANN	147.19		PKPbc	06:46:31.104		14.2		2.78		TAS					m_e
TNS	147.94		PKPbc	06:46:32.987		14.2		2.78		TAS					m_e
WERD	147.19		PKPbc	06:46:30.790		14.2		2.78		TAS					m_e
WLF	148.68		PKPbc	06:46:35.420		14.2		2.78		TAS					m_e

Event 41229003 Aegean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/29	08:06:22.80			38.8700	26.3500				10.0					15.28	15.28	m i ke	NOA
OrigID 41229072																	

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
GRA1	15.28		P	08:10:04.580		129.4		12.00		TAS		8.6	0.98	m_e	

Event 41229005 Sulu Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/29	09:29:45.10			9.1910	120.9540				33.0					95.50	95.50	m i ke	BGR
OrigID 41229011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	41229011
Ms	6.2		BGR	41229011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	95.50		P	09:43:06.366		72.2		4.12		TAS		70.3	1.72	m_e	mb 5.8
GRA1	95.50		L	10:28:43.205						T__		8885.4	19.60	a_e	Ms 6.2

Event 41229007 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/29	14:32:16.30			65.5900	-19.9320				33.0					22.69	22.69	m i ke	BGR
OrigID 41229013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	41229013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.69		P	14:37:14.553		325.0		10.24		TAS		16.5	1.48	m_e	mb 4.3

Event 41229008 Greece-Albania border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/29	20:34:00.56	1.63	0.69	40.7830	20.2120	40.0	21.1	76	10.0				15 341	7.04	10.60	m i ke	BGR
OrigID 41229014																	

Magnitude	Err	Nsta	Author	OrigID													
ARS	7.29		Pn	20:35:44.952	0.2					T__							
BE1	9.60		Pn	20:36:15.434	-0.4					T__							
DAVA	9.87		Pn	20:36:20.172	0.7					T__							
GEC2	9.29		Pn	20:36:11.779	0.1					T__							
KBA	8.01		Pn	20:35:54.453	0.1					T__							
KW1	9.13		Pn	20:36:09.789	0.3					T__							
MOA	8.25		Sn	20:37:22.939	0.0					T__							
MOA	8.25		Pn	20:35:58.398	0.8					T__							
NORI	10.45		Pn	20:36:25.250	-2.0					T__							
OBER	9.73		Pn	20:36:17.548	0.0					T__							
OBKA	7.04		Pn	20:35:42.174	0.8					T__							
PART	9.37		Pn	20:36:13.414	0.7					T__							
ROTZ	10.60		Pn	20:36:28.312	-0.9					T__							

UBR	10.00	Pn	20:36:21.155	-0.0	T__	m_e
WET	9.84	Pn	20:36:19.040	0.0	T__	m_e
ZUGS	9.38	Pn	20:36:12.657	-0.2	T__	m_e

Event 41229010 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/29	23:38:01.56			-20.8000	-177.8900				527.4	6.3		37		145.68	152.41	m i ke	BGR
OrigID 41229016																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.06		PKPdf	23:56:46.783		14.5		1.52		TAS				m_e	
AHRW	150.06		PKPbc	23:56:52.248	0.2	15.0		2.51		TAS				m_e	
AHRW	150.06		PKPab	23:56:59.740		16.1		4.16		TAS				m_e	
AHRW	150.06		pPKPbc	23:58:55.056						T__				m_e	
ASSE	148.03		PKPdf	23:56:43.433	0.1	14.5		1.52		TAS				m_e	
ASSE	148.03		PKPbc	23:56:47.223	0.1	15.0		2.51		TAS				m_e	
ASSE	148.03		PKPab	23:56:51.366	0.2	16.1		4.16		TAS				m_e	
BFO	152.08		PKPdf	23:56:49.163		14.5		1.52		TAS				m_e	
BFO	152.08		PKPbc	23:56:56.655	-0.7	15.0		2.51		TAS				m_e	
BFO	152.08		PKPab	23:57:07.585		16.1		4.16		TAS				m_e	
BFO	152.08		pPKPbc	23:58:59.657						T__				m_e	
BRG	148.57		PKPdf	23:56:44.315	-0.0	14.5		1.52		TAS				m_e	
BRG	148.57		PKPbc	23:56:48.457	0.8	15.0		2.51		TAS				m_e	
BRG	148.57		PKPab	23:56:53.658	0.3	16.1		4.16		TAS				m_e	
BSEG	146.33		PKPbc	23:56:42.464	0.2	15.0		2.51		TAS				m_e	
BUG	149.15		PKPdf	23:56:44.932	0.2	14.5		1.52		TAS				m_e	
BUG	149.15		PKPbc	23:56:49.780	0.2	15.0		2.51		TAS				m_e	
CLL	148.38		PKPdf	23:56:44.226	0.1	14.5		1.52		TAS				m_e	
CLL	148.38		PKPbc	23:56:47.929	-0.1	15.0		2.51		TAS				m_e	
CLL	148.38		PKPab	23:56:52.248	0.0	16.1		4.16		TAS				m_e	
CLZ	148.35		PKPdf	23:56:44.050	-0.3	14.5		1.52		TAS				m_e	
CLZ	148.35		PKPbc	23:56:47.576	-0.1	15.0		2.51		TAS				m_e	
FBE	148.66		PKPdf	23:56:44.579	-0.1	14.5		1.52		TAS				m_e	
FBE	148.66		PKPbc	23:56:49.515	0.3	15.0		2.51		TAS				m_e	
FBE	148.66		PKPab	23:56:54.275	0.0	16.1		4.16		TAS				m_e	
FLT1	147.74		PKPdf	23:56:42.816	-0.2	14.5		1.52		TAS				m_e	
FLT1	147.74		PKPbc	23:56:45.901	-0.0	15.0		2.51		TAS				m_e	
FLT1	147.74		PKPab	23:56:49.603	-0.3	16.1		4.16		TAS				m_e	
FUR	151.72		PKPdf	23:56:49.163		14.5		1.52		TAS				m_e	
FUR	151.72		PKPbc	23:56:55.686	-0.5	15.0		2.51		TAS				m_e	
FUR	151.72		PKPab	23:57:06.704		16.1		4.16		TAS				m_e	
FUR	151.72		pPKPbc	23:58:57.601						T__				m_e	
GEC2	150.52		PKPbc	23:56:53.482	0.4	15.0		2.51		TAS				m_e	

GOR1	147.09	PKPbc	23:56:44.843	-0.1	15.0	2.51	TAS	m_e
GRA1	150.27	PKPbc	23:56:52.865	-0.2	15.0	2.51	TAS	m_e
GRA1	150.27	PKPab	23:57:00.710		16.1	4.16	TAS	m_e
GRA1	150.27	pPKPbc	23:58:54.512				T__	m_e
GTTG	148.70	PKPdf	23:56:44.579	0.1	14.5	1.52	TAS	m_e
GTTG	148.70	PKPbc	23:56:48.986	0.3	15.0	2.51	TAS	m_e
GUNZ	149.41	PKPdf	23:56:45.813	0.4	14.5	1.52	TAS	m_e
GUNZ	149.41	PKPbc	23:56:50.926	0.6	15.0	2.51	TAS	m_e
GUNZ	149.41	PKPab	23:56:56.920		16.1	4.16	TAS	m_e
HLG	146.38	PKPbc	23:56:43.169	0.2	15.0	2.51	TAS	m_e
IBBN	148.25	PKPdf	23:56:43.698	0.2	14.5	1.52	TAS	m_e
IBBN	148.25	PKPbc	23:56:47.664	-0.2	15.0	2.51	TAS	m_e
IBBN	148.25	PKPab	23:56:52.336	-0.2	16.1	4.16	TAS	m_e
KAST	149.26	PKPdf	23:56:45.460	0.1	14.5	1.52	TAS	m_e
KAST	149.26	PKPbc	23:56:50.220	0.1	15.0	2.51	TAS	m_e
KAST	149.26	pPKPbc	23:58:52.882				T__	m_e
LNIZ	146.07	PKPbc	23:56:41.406	-0.2	15.0	2.51	TAS	m_e
MANZ	149.81	PKPdf	23:56:46.342	-0.5	14.5	1.52	TAS	m_e
MANZ	149.81	PKPbc	23:56:51.895	0.1	15.0	2.51	TAS	m_e
MANZ	149.81	PKPab	23:56:58.330		16.1	4.16	TAS	m_e
MANZ	149.81	pPKPbc	23:58:54.616				T__	m_e
MOX	149.29	PKPdf	23:56:45.460	0.0	14.5	1.52	TAS	m_e
MOX	149.29	PKPbc	23:56:50.309	-0.0	15.0	2.51	TAS	m_e
NEUB	148.73	PKPdf	23:56:44.843	0.3	14.5	1.52	TAS	m_e
NEUB	148.73	PKPbc	23:56:49.075	-0.1	15.0	2.51	TAS	m_e
NRDL	147.76	PKPdf	23:56:42.992	-0.0	14.5	1.52	TAS	m_e
NRDL	147.76	PKPbc	23:56:46.254	0.3	15.0	2.51	TAS	m_e
PLN	149.33	PKPdf	23:56:45.460	0.0	14.5	1.52	TAS	m_e
PLN	149.33	PKPbc	23:56:50.309	0.1	15.0	2.51	TAS	m_e
ROTZ	150.00	PKPbc	23:56:52.160	0.1	15.0	2.51	TAS	m_e
RUE	147.11	PKPdf	23:56:42.111	0.1	14.5	1.52	TAS	m_e
RUE	147.11	PKPbc	23:56:44.755	-0.3	15.0	2.51	TAS	m_e
SKMB	145.68	PKPbc	23:56:40.436	-0.8	15.0	2.51	TAS	m_e
STU	151.52	PKPdf	23:56:49.163		14.5	1.52	TAS	m_e
STU	151.52	PKPbc	23:56:55.509	-0.7	15.0	2.51	TAS	m_e
STU	151.52	PKPab	23:57:05.558		16.1	4.16	TAS	m_e
TANN	149.33	PKPdf	23:56:45.725	0.2	14.5	1.52	TAS	m_e
TANN	149.33	PKPbc	23:56:50.485	0.3	15.0	2.51	TAS	m_e
TANN	149.33	pPKPbc	23:58:53.434				T__	m_e
TNS	150.21	PKPdf	23:56:46.871		14.5	1.52	TAS	m_e
TNS	150.21	PKPbc	23:56:52.600	0.2	15.0	2.51	TAS	m_e
TNS	150.21	PKPab	23:57:00.269		16.1	4.16	TAS	m_e
TNS	150.21	pPKPbc	23:58:54.973				T__	m_e
UBBA	149.40	PKPdf	23:56:45.813	0.3	14.5	1.52	TAS	m_e
UBBA	149.40	PKPbc	23:56:50.132	0.4	15.0	2.51	TAS	m_e
UBBA	149.40	PKPab	23:56:56.479		16.1	4.16	TAS	m_e
UBBA	149.40	pPKPbc	23:58:54.063				T__	m_e
UBR	152.41	PKPdf	23:56:49.868		14.5	1.52	TAS	m_e
UBR	152.41	PKPbc	23:56:57.360		15.0	2.51	TAS	m_e

WERD	149.34	PKPdf	23:56:45.901	0.1	14.5	1.52	TAS	m_e
WERD	149.34	PKPbc	23:56:50.661	-0.3	15.0	2.51	TAS	m_e
WERD	149.34	PKPab	23:56:56.391		16.1	4.16	TAS	m_e
WERN	149.47	PKPdf	23:56:45.813	-0.0	14.5	1.52	TAS	m_e
WERN	149.47	PKPbc	23:56:51.278	0.3	15.0	2.51	TAS	m_e
WERN	149.47	PKPab	23:56:57.360		16.1	4.16	TAS	m_e
WET	150.44	PKPbc	23:56:53.041	-0.1	15.0	2.51	TAS	m_e
WET	150.44	PKPab	23:57:01.327		16.1	4.16	TAS	m_e
WLF	151.02	PKPdf	23:56:48.369		14.5	1.52	TAS	m_e
WLF	151.02	PKPbc	23:56:54.980	-0.2	15.0	2.51	TAS	m_e
WLF	151.02	PKPab	23:57:04.148		16.1	4.16	TAS	m_e

Event 41230001 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/30	00:11:13.10			64.5900	-17.6800				2.0					21.36	21.36	m i ke	EMSC
41230033																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	41230007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.36		P	00:16:01.471		325.1		9.49		TAS		60.4	1.25	m_e mb	4.8

Event 41230003 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/30	04:19:37.46			28.1400	51.3700				33.0				33	35.51	40.46	m i ke	BGR
41230009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	41230009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	40.13		P	04:27:12.052		111.0		8.68		TAS		19.0	1.04	a_e mb	4.7
ASSE	38.54		P	04:26:57.252		111.0		8.68		TAS		39.6	1.08	a_e mb	5.0
BFO	38.73		P	04:26:59.702		111.0		8.68		TAS		8.2	0.98	a_e mb	4.3
BRG	36.17		P	04:26:36.702	-0.0	111.0		8.68		TAS		29.5	1.00	a_e mb	5.1
BSEG	39.45		S	04:33:06.074		110.9		15.26		TAS				m_e	
BSEG	39.45		P	04:27:04.902		111.0		8.68		TAS		53.2	1.15	a_e mb	5.1
BUG	40.29		P	04:27:12.302		111.0		8.68		TAS		33.5	1.24	a_e mb	4.8
CLL	36.89		P	04:26:42.952	1.1	111.0		8.68		TAS		58.9	1.01	a_e mb	5.3
CLZ	38.61		S	04:32:53.631		110.9		15.26		TAS				m_e	

CLZ	38.61	P	04:26:58.102	111.0	8.68	TAS	96.7	1.05	a_e	mb	5.4
FBE	36.53	P	04:26:39.548	0.1 111.0	8.68	TAS	21.4	1.13	m_e	mb	4.8
FLT1	38.30	S	04:32:47.592	110.9	15.26	TAS			m_e		
FLT1	38.30	P	04:26:55.152	111.0	8.68	TAS	89.4	1.15	a_e	mb	5.4
FUR	36.79	P	04:26:42.502	-0.2 111.0	8.68	TAS	99.5	0.95	a_e	mb	5.5
GEC2	35.51	P	04:26:31.297	0.1 111.0	8.68	TAS	12.8	0.94	m_e	mb	4.7
GOR1	38.53	P	04:26:57.452	111.0	8.68	TAS	148.0	1.08	a_e	mb	5.5
GRA1	37.33	P	04:26:47.002	111.0	8.68	TAS	66.7	1.46	m_e	mb	5.2
GTTG	38.73	S	04:32:54.365	110.9	15.26	TAS			m_e		
GTTG	38.73	P	04:26:59.302	111.0	8.68	TAS	44.6	1.16	a_e	mb	5.0
IBBN	40.28	P	04:27:12.702	111.0	8.68	TAS	98.6	1.19	a_e	mb	5.3
KAST	39.53	P	04:27:06.202	111.0	8.68	TAS	36.6	1.26	a_e	mb	4.9
MANZ	36.90	S	04:32:29.843	110.9	15.26	TAS			m_e		
MANZ	36.90	P	04:26:43.452	0.3 111.0	8.68	TAS	16.4	0.96	a_e	mb	4.7
MOX	37.44	P	04:26:47.802	111.0	8.68	TAS	18.3	1.13	a_e	mb	4.7
NEUB	37.55	P	04:26:48.602	111.0	8.68	TAS	42.7	1.02	a_e	mb	5.1
NRDL	39.00	S	04:32:59.710	110.9	15.26	TAS			m_e		
NRDL	39.00	P	04:27:01.902	111.0	8.68	TAS	159.1	1.06	a_e	mb	5.6
PLN	37.05	P	04:26:44.452	111.0	8.68	TAS	15.7	1.34	a_e	mb	4.6
ROTZ	36.76	S	04:32:26.564	110.9	15.26	TAS			m_e		
ROTZ	36.76	P	04:26:42.252	-0.2 111.0	8.68	TAS	29.1	1.10	a_e	mb	4.9
RUE	36.95	S	04:32:25.474	110.9	15.26	TAS			m_e		
RUE	36.95	P	04:26:43.302	111.0	8.68	TAS	89.0	1.21	a_e	mb	5.4
STU	38.30	P	04:26:54.152	111.0	8.68	TAS	12.3	0.92	a_e	mb	4.6
TANN	36.85	P	04:26:42.890	-1.0 111.0	8.68	TAS	12.7	1.14	m_e	mb	4.5
TNS	39.20	P	04:27:02.702	111.0	8.68	TAS	13.6	0.95	a_e	mb	4.6
UBBA	38.46	P	04:26:56.852	111.0	8.68	TAS	30.5	1.39	a_e	mb	4.8
UBR	37.40	S	04:32:32.805	110.9	15.26	TAS			m_e		
UBR	37.40	P	04:26:47.652	111.0	8.68	TAS	57.3	1.13	a_e	mb	5.2
WERD	36.95	P	04:26:43.502	111.0	8.68	TAS	8.7	1.12	a_e	mb	4.4
WERN	36.85	P	04:26:43.252	-0.1 111.0	8.68	TAS	26.6	1.19	a_e	mb	4.9
WET	36.13	P	04:26:36.202	-0.5 111.0	8.68	TAS	16.9	1.00	a_e	mb	4.8
WLF	40.46	P	04:27:13.002	111.0	8.68	TAS	33.9	1.01	a_e	mb	4.9

Event 41230004 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/30	05:23:04.60			28.8300	51.9000				9.0					37.16	37.16	m i ke	EMSC
41230036																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	41230010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	37.16		P	05:30:16.592		108.8		9.60		TAS		4.8	1.01	m_e	mb	4.2

Event 41230005 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/30	13:54:01.20			-29.5400	-178.9900				301.0					158.43	158.43	m i ke	EMSC
OrigID 41230037																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	158.43		X	14:13:58.922						T__				m_e	
GRA1	158.43		PKP	14:14:08.699		24.8		3.90		TAS				m_e	

Event 41230006 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/30	20:54:14.79			64.6590	-18.9170				33.0					21.86	21.86	m i ke	BGR
OrigID 41230012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	41230012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.86		P	20:59:04.262		323.4		10.59		TAS		26.9	1.78	m_e mb	4.4

Event 41230007 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/30	21:17:24.35			-21.0000	-179.2300				613.5	4.9		37		145.70	152.33	m i ke	BGR
OrigID 41230013																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.10		PKPdf	21:36:00.751	-0.3	16.0		1.49		TAS				m_e	
AHRW	150.10		PKPbc	21:36:06.493	0.3	15.6		2.50		TAS				m_e	
AHRW	150.10		PKPab	21:36:13.875		18.0		3.90		TAS				m_e	
ASSE	147.99		PKPdf	21:35:57.401	0.0	16.0		1.49		TAS				m_e	
ASSE	147.99		PKPbc	21:36:01.161	-0.1	15.6		2.50		TAS				m_e	
ASSE	147.99		PKPab	21:36:05.126	0.2	18.0		3.90		TAS				m_e	
BFO	152.06		PKPdf	21:36:03.280		16.0		1.49		TAS				m_e	

BFO	152.06	PKPbc	21:36:10.936	-0.6	15.6	2.50	TAS	m_e
BFO	152.06	PKPab	21:36:21.257		18.0	3.90	TAS	m_e
BFO	152.06	pPKPbc	21:38:31.326				T__	m_e
BRG	148.44	PKPdf	21:35:58.495	0.1	16.0	1.49	TAS	m_e
BRG	148.44	PKPbc	21:36:02.733	0.2	15.6	2.50	TAS	m_e
BRG	148.44	PKPab	21:36:07.518	-0.2	18.0	3.90	TAS	m_e
BRG	148.44	pPKPbc	21:38:21.829				T__	m_e
BSEG	146.32	PKPbc	21:35:56.718	-0.1	15.6	2.50	TAS	m_e
BSEG	146.32	PKPab	21:35:59.315	0.2	18.0	3.90	TAS	m_e
BUG	149.20	PKPdf	21:35:59.452	0.2	16.0	1.49	TAS	m_e
BUG	149.20	PKPbc	21:36:03.827	0.1	15.6	2.50	TAS	m_e
CLL	148.27	PKPdf	21:35:58.153	0.1	16.0	1.49	TAS	m_e
CLL	148.27	PKPbc	21:36:02.186	0.3	15.6	2.50	TAS	m_e
CLL	148.27	PKPab	21:36:06.766	0.1	18.0	3.90	TAS	m_e
CLL	148.27	pPKPbc	21:38:21.305				T__	m_e
CLZ	148.32	PKPdf	21:35:58.358	0.1	16.0	1.49	TAS	m_e
CLZ	148.32	PKPbc	21:36:02.323	-0.0	15.6	2.50	TAS	m_e
CLZ	148.32	PKPab	21:36:07.108	0.1	18.0	3.90	TAS	m_e
FBE	148.54	PKPdf	21:35:58.837	0.1	16.0	1.49	TAS	m_e
FBE	148.54	PKPbc	21:36:03.143	0.2	15.6	2.50	TAS	m_e
FBE	148.54	PKPab	21:36:08.133	0.0	18.0	3.90	TAS	m_e
FBE	148.54	pPKPbc	21:38:22.543				T__	m_e
FLT1	147.69	PKPdf	21:35:56.650	0.0	16.0	1.49	TAS	m_e
FLT1	147.69	PKPbc	21:36:00.204	0.1	15.6	2.50	TAS	m_e
FLT1	147.69	PKPab	21:36:03.280	-0.9	18.0	3.90	TAS	m_e
FLT1	147.69	pPKPbc	21:38:19.468				T__	m_e
FUR	151.61	PKPdf	21:36:02.802		16.0	1.49	TAS	m_e
FUR	151.61	PKPbc	21:36:10.047	-0.4	15.6	2.50	TAS	m_e
FUR	151.61	PKPab	21:36:20.779		18.0	3.90	TAS	m_e
GEC2	150.35	PKPdf	21:36:01.161	-0.3	16.0	1.49	TAS	m_e
GEC2	150.35	PKPbc	21:36:07.518	0.5	15.6	2.50	TAS	m_e
GEC2	150.35	pPKPbc	21:38:27.580				T__	m_e
GOR1	147.05	PKPdf	21:35:56.239	0.0	16.0	1.49	TAS	m_e
GOR1	147.05	PKPbc	21:35:58.974	-0.2	15.6	2.50	TAS	m_e
GRA1	150.19	PKPdf	21:36:00.956	-0.1	16.0	1.49	TAS	m_e
GRA1	150.19	PKPbc	21:36:07.176	-0.1	15.6	2.50	TAS	m_e
GRA1	150.19	PKPab	21:36:14.217		18.0	3.90	TAS	m_e
GRA1	150.19	pPKPbc	21:38:26.754				T__	m_e
GTTG	148.68	PKPdf	21:35:58.700	0.1	16.0	1.49	TAS	m_e
GTTG	148.68	PKPbc	21:36:03.075	0.2	15.6	2.50	TAS	m_e
GUNZ	149.31	PKPdf	21:36:00.067	-0.1	16.0	1.49	TAS	m_e
GUNZ	149.31	PKPbc	21:36:04.989	-0.0	15.6	2.50	TAS	m_e
GUNZ	149.31	PKPab	21:36:10.936		18.0	3.90	TAS	m_e
HLG	146.43	PKPdf	21:35:54.804	-0.1	16.0	1.49	TAS	m_e
HLG	146.43	PKPbc	21:35:57.060	-0.2	15.6	2.50	TAS	m_e
HLG	146.43	PKPab	21:35:59.999	-0.8	18.0	3.90	TAS	m_e
IBBN	148.28	PKPdf	21:35:58.017	0.3	16.0	1.49	TAS	m_e
IBBN	148.28	PKPbc	21:36:01.708	0.0	15.6	2.50	TAS	m_e
IBBN	148.28	PKPab	21:36:06.083	-0.2	18.0	3.90	TAS	m_e

IBBN	148.28	pPKPbc	21:38:20.839				T__	m_e
KAST	149.27	PKPdf	21:35:59.520	0.4	16.0	1.49	TAS	m_e
KAST	149.27	PKPbc	21:36:04.442	-0.1	15.6	2.50	TAS	m_e
LNIZ	145.96	PKPbc	21:35:56.034	-0.2	15.6	2.50	TAS	m_e
LNIZ	145.96	PKPab	21:35:58.358	0.1	18.0	3.90	TAS	m_e
MANZ	149.71	PKPdf	21:36:00.272	0.0	16.0	1.49	TAS	m_e
MANZ	149.71	PKPbc	21:36:05.946	0.1	15.6	2.50	TAS	m_e
MANZ	149.71	pPKPbc	21:38:25.431				T__	m_e
MOX	149.21	PKPdf	21:35:59.520	0.2	16.0	1.49	TAS	m_e
MOX	149.21	PKPbc	21:36:04.442	0.1	15.6	2.50	TAS	m_e
NEUB	148.65	PKPdf	21:35:58.769	0.1	16.0	1.49	TAS	m_e
NEUB	148.65	PKPbc	21:36:03.143	-0.3	15.6	2.50	TAS	m_e
NEUB	148.65	PKPab	21:36:08.407	-0.2	18.0	3.90	TAS	m_e
NRDL	147.74	PKPdf	21:35:57.128	0.3	16.0	1.49	TAS	m_e
NRDL	147.74	PKPbc	21:36:00.614	-0.0	15.6	2.50	TAS	m_e
NRDL	147.74	pPKPbc	21:38:19.536				T__	m_e
PLN	149.23	PKPdf	21:35:59.589	-0.2	16.0	1.49	TAS	m_e
PLN	149.23	PKPbc	21:36:04.442	0.2	15.6	2.50	TAS	m_e
ROTZ	149.89	PKPdf	21:36:00.477	-0.2	16.0	1.49	TAS	m_e
ROTZ	149.89	PKPbc	21:36:06.288	0.1	15.6	2.50	TAS	m_e
RUE	147.00	PKPdf	21:35:55.898	-0.2	16.0	1.49	TAS	m_e
RUE	147.00	PKPbc	21:35:58.769	0.1	15.6	2.50	TAS	m_e
RUE	147.00	PKPab	21:36:01.161	-1.2	18.0	3.90	TAS	m_e
RUE	147.00	pPKPbc	21:38:17.729				T__	m_e
SKMB	145.70	PKPbc	21:35:55.077	-0.3	15.6	2.50	TAS	m_e
SKMB	145.70	PKPab	21:35:58.153	0.5	18.0	3.90	TAS	m_e
STU	151.48	PKPdf	21:36:02.733		16.0	1.49	TAS	m_e
STU	151.48	PKPbc	21:36:09.774	-0.5	15.6	2.50	TAS	m_e
STU	151.48	PKPab	21:36:19.754		18.0	3.90	TAS	m_e
STU	151.48	pPKPbc	21:38:29.755				T__	m_e
TANN	149.23	PKPdf	21:35:59.794	0.4	16.0	1.49	TAS	m_e
TANN	149.23	PKPbc	21:36:04.716	0.3	15.6	2.50	TAS	m_e
TANN	149.23	pPKPbc	21:38:23.556				T__	m_e
TNS	150.21	PKPdf	21:36:00.751	0.4	16.0	1.49	TAS	m_e
TNS	150.21	PKPbc	21:36:06.971	0.3	15.6	2.50	TAS	m_e
TNS	150.21	pPKPbc	21:38:26.670				T__	m_e
UBBA	149.37	PKPdf	21:35:59.452	0.1	16.0	1.49	TAS	m_e
UBBA	149.37	PKPbc	21:36:04.579	0.2	15.6	2.50	TAS	m_e
UBR	152.33	PKPdf	21:36:03.964		16.0	1.49	TAS	m_e
UBR	152.33	PKPbc	21:36:11.551		15.6	2.50	TAS	m_e
WERD	149.23	PKPdf	21:35:59.794	0.0	16.0	1.49	TAS	m_e
WERD	149.23	PKPbc	21:36:04.852	0.3	15.6	2.50	TAS	m_e
WERD	149.23	PKPab	21:36:10.389	-0.3	18.0	3.90	TAS	m_e
WERD	149.23	pPKPbc	21:38:24.007				T__	m_e
WERN	149.37	PKPdf	21:36:00.136	-0.1	16.0	1.49	TAS	m_e
WERN	149.37	PKPbc	21:36:05.126	0.2	15.6	2.50	TAS	m_e
WERN	149.37	PKPab	21:36:11.619		18.0	3.90	TAS	m_e
WET	150.30	PKPdf	21:36:01.093	-0.3	16.0	1.49	TAS	m_e
WET	150.30	PKPbc	21:36:07.313	-0.2	15.6	2.50	TAS	m_e

WET	150.30	PKPab	21:36:14.900	18.0	3.90	TAS	m_e
WET	150.30	pPKPbc	21:38:27.461			T__	m_e
WLF	151.08	PKPdf	21:36:02.596	-0.2 16.0	1.49	TAS	m_e
WLF	151.08	PKPbc	21:36:09.295	-0.1 15.6	2.50	TAS	m_e
WLF	151.08	PKPab	21:36:17.908	18.0	3.90	TAS	m_e

Event 41231001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/31	00:06:09.80			-20.8500	-177.5900				612.2	13.8		36		145.77	152.52	m i ke	BGR
	41231007																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.14		PKPbc	00:24:52.467	-0.4	17.4		2.45		TAS					m_e
ASSE	148.12		PKPdf	00:24:43.440	0.1	14.8		1.62		TAS					m_e
ASSE	148.12		PKPbc	00:24:47.417	-0.3	17.4		2.45		TAS					m_e
BFO	152.17		PKPdf	00:24:49.989		14.8		1.62		TAS					m_e
BFO	152.17		PKPbc	00:24:56.703		17.4		2.45		TAS					m_e
BFO	152.17		PKPab	00:25:07.507		15.2		4.14		TAS					m_e
BRG	148.69		PKPdf	00:24:43.931	-0.3	14.8		1.62		TAS					m_e
BRG	148.69		PKPbc	00:24:48.313	0.6	17.4		2.45		TAS					m_e
BSEGE	146.42		PKPbc	00:24:42.663	-0.0	17.4		2.45		TAS					m_e
BUG	149.23		PKPdf	00:24:44.831	-0.1	14.8		1.62		TAS					m_e
BUG	149.23		PKPbc	00:24:49.498	0.2	17.4		2.45		TAS					m_e
CLL	148.49		PKPdf	00:24:44.013	-0.3	14.8		1.62		TAS					m_e
CLL	148.49		PKPbc	00:24:47.999	-0.2	17.4		2.45		TAS					m_e
CLL	148.49		pPKPbc	00:27:06.521						T__					m_e
CLZ	148.45		PKPdf	00:24:43.931	-0.2	14.8		1.62		TAS					m_e
CLZ	148.45		PKPbc	00:24:48.024	0.1	17.4		2.45		TAS					m_e
FBE	148.78		PKPdf	00:24:44.258	-0.3	14.8		1.62		TAS					m_e
FBE	148.78		PKPbc	00:24:49.300	0.4	17.4		2.45		TAS					m_e
FBE	148.78		PKPab	00:24:53.672		15.2		4.14		TAS					m_e
FLT1	147.84		PKPdf	00:24:42.703	-0.3	14.8		1.62		TAS					m_e
FLT1	147.84		PKPbc	00:24:46.365	0.1	17.4		2.45		TAS					m_e
FUR	151.83		PKPdf	00:24:49.579		14.8		1.62		TAS					m_e
FUR	151.83		PKPab	00:25:06.443		15.2		4.14		TAS					m_e
GEC2	150.64		PKPdf	00:24:47.697		14.8		1.62		TAS					m_e
GEC2	150.64		PKPbc	00:24:53.018		17.4		2.45		TAS					m_e
GEC2	150.64		pPKPbc	00:27:15.229						T__					m_e
GOR1	147.19		PKPbc	00:24:44.969	-0.2	17.4		2.45		TAS					m_e
GRA1	150.38		PKPdf	00:24:46.878		14.8		1.62		TAS					m_e
GRA1	150.38		PKPab	00:25:00.713		15.2		4.14		TAS					m_e
GTTG	148.80		PKPdf	00:24:44.340	-0.2	14.8		1.62		TAS					m_e
GTTG	148.80		PKPbc	00:24:49.170	0.4	17.4		2.45		TAS					m_e

GTTG	148.80	pPKPbc	00:27:07.643				T__	m_e
GUNZ	149.52	PKPdf	00:24:45.568	0.2	14.8	1.62	TAS	m_e
GUNZ	149.52	PKPbc	00:24:50.562	0.2	17.4	2.45	TAS	m_e
GUNZ	149.52	PKPab	00:24:57.356		15.2	4.14	TAS	m_e
GUNZ	149.52	pPKPbc	00:27:11.003				T__	m_e
HLG	146.46	PKPbc	00:24:43.273	0.2	17.4	2.45	TAS	m_e
IBBN	148.33	PKPdf	00:24:43.685	0.2	14.8	1.62	TAS	m_e
IBBN	148.33	PKPbc	00:24:47.533	0.1	17.4	2.45	TAS	m_e
KAST	149.34	PKPdf	00:24:44.831	0.1	14.8	1.62	TAS	m_e
KAST	149.34	PKPbc	00:24:50.398	-0.1	17.4	2.45	TAS	m_e
LNIZ	146.18	PKPbc	00:24:41.754	-0.3	17.4	2.45	TAS	m_e
MANZ	149.92	PKPdf	00:24:45.978	0.3	14.8	1.62	TAS	m_e
MOX	149.39	PKPdf	00:24:44.913	0.0	14.8	1.62	TAS	m_e
MOX	149.39	PKPbc	00:24:49.989	-0.0	17.4	2.45	TAS	m_e
NEUB	148.84	PKPdf	00:24:44.586	-0.1	14.8	1.62	TAS	m_e
NEUB	148.84	PKPbc	00:24:49.168	-0.6	17.4	2.45	TAS	m_e
NEUB	148.84	PKPab	00:24:53.754		15.2	4.14	TAS	m_e
NEUB	148.84	pPKPbc	00:27:07.338				T__	m_e
NRDL	147.85	PKPdf	00:24:42.867	-0.1	14.8	1.62	TAS	m_e
NRDL	147.85	PKPbc	00:24:46.542	0.3	17.4	2.45	TAS	m_e
PLN	149.44	PKPdf	00:24:45.077	-0.2	14.8	1.62	TAS	m_e
PLN	149.44	PKPbc	00:24:50.234	0.0	17.4	2.45	TAS	m_e
ROTZ	150.11	PKPdf	00:24:46.223	0.3	14.8	1.62	TAS	m_e
ROTZ	150.11	PKPbc	00:24:51.953	-0.0	17.4	2.45	TAS	m_e
RUE	147.22	PKPdf	00:24:42.048	0.2	14.8	1.62	TAS	m_e
RUE	147.22	PKPbc	00:24:44.592	0.0	17.4	2.45	TAS	m_e
SKMB	145.77	PKPbc	00:24:41.370	-0.5	17.4	2.45	TAS	m_e
STU	151.62	PKPdf	00:24:48.925		14.8	1.62	TAS	m_e
STU	151.62	PKPbc	00:24:55.636		17.4	2.45	TAS	m_e
STU	151.62	PKPab	00:25:05.542		15.2	4.14	TAS	m_e
TANN	149.44	PKPdf	00:24:45.159	-0.2	14.8	1.62	TAS	m_e
TANN	149.44	PKPbc	00:24:50.316	0.0	17.4	2.45	TAS	m_e
UBBA	149.50	PKPdf	00:24:45.323	0.2	14.8	1.62	TAS	m_e
UBBA	149.50	PKPab	00:24:56.619		15.2	4.14	TAS	m_e
UBBA	149.50	pPKPbc	00:27:09.676				T__	m_e
UBR	152.52	PKPdf	00:24:50.071		14.8	1.62	TAS	m_e
UBR	152.52	PKPbc	00:24:57.573		17.4	2.45	TAS	m_e
WERD	149.45	PKPdf	00:24:45.323	0.0	14.8	1.62	TAS	m_e
WERD	149.45	PKPbc	00:24:50.316	0.1	17.4	2.45	TAS	m_e
WERN	149.58	PKPdf	00:24:45.650	0.1	14.8	1.62	TAS	m_e
WERN	149.58	PKPab	00:24:57.602		15.2	4.14	TAS	m_e
WERN	149.58	pPKPbc	00:27:11.161				T__	m_e
WET	150.56	PKPdf	00:24:47.451		14.8	1.62	TAS	m_e
WET	150.56	PKPab	00:25:01.531		15.2	4.14	TAS	m_e
WET	150.56	pPKPbc	00:27:14.918				T__	m_e
WLF	151.09	PKPbc	00:24:54.991		17.4	2.45	TAS	m_e
WLF	151.09	PKPab	00:25:03.987		15.2	4.14	TAS	m_e

Event 41231002 Near north coast of New Guinea, Papua New Guinea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/31	01:37:36.30			-4.4600	144.0900				145.0				36	116.35	122.66	m i ke	EMSC
OrigID 41231034																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	121.66		PKP	01:56:13.368	0.8	57.5		1.87		TAS					m_e
ASSE	118.90		PKP	01:56:08.020	-0.0	57.5		1.87		TAS					m_e
BFO	122.29		PKP	01:56:13.908		57.5		1.87		TAS					m_e
BRG	117.84		PKP	01:56:05.917	-0.2	57.5		1.87		TAS					m_e
BSEG	118.04		PKP	01:56:06.518	-0.1	57.5		1.87		TAS					m_e
BUG	121.02		PKP	01:56:12.166	-0.2	57.5		1.87		TAS					m_e
CLL	118.13		PKP	01:56:06.638	0.2	57.5		1.87		TAS					m_e
CLZ	119.21		PKP	01:56:08.861	-0.0	57.5		1.87		TAS					m_e
FBE	118.14		PKP	01:56:06.878	-0.2	57.5		1.87		TAS					m_e
FLT1	118.50		PKP	01:56:07.239	-0.3	57.5		1.87		TAS					m_e
FUR	120.73		PKP	01:56:11.685	-0.0	57.5		1.87		TAS					m_e
GEC2	119.00		PKP	01:56:08.140	0.1	57.5		1.87		TAS					m_e
GOR1	118.09		PKP	01:56:06.638	0.0	57.5		1.87		TAS					m_e
GRA1	119.95		PKP	01:56:09.943	-0.1	57.5		1.87		TAS					m_e
GTTG	119.59		PKP	01:56:09.762	-0.2	57.5		1.87		TAS					m_e
GUNZ	118.99		PKP	01:56:08.380	-0.1	57.5		1.87		TAS					m_e
IBBN	120.25		PKP	01:56:10.724	0.2	57.5		1.87		TAS					m_e
KAST	120.58		PKP	01:56:11.144	-0.0	57.5		1.87		TAS					m_e
LNIZ	116.35		PKP	01:56:03.814	0.0	57.5		1.87		TAS					m_e
MANZ	119.31		PKP	01:56:08.801	-0.0	57.5		1.87		TAS					m_e
MOX	119.22		PKP	01:56:08.621	0.3	57.5		1.87		TAS					m_e
NEUB	118.84		PKP	01:56:07.719	-0.2	57.5		1.87		TAS					m_e
NRDL	118.98		PKP	01:56:08.501	0.1	57.5		1.87		TAS					m_e
PLN	119.01		PKP	01:56:08.320	0.1	57.5		1.87		TAS					m_e
ROTZ	119.37		PKP	01:56:08.921	-0.1	57.5		1.87		TAS					m_e
RUE	117.11		PKP	01:56:04.775	-0.2	57.5		1.87		TAS					m_e
SKMB	118.00		PKP	01:56:06.518	-0.2	57.5		1.87		TAS					m_e
STU	121.57		PKP	01:56:12.887	0.0	57.5		1.87		TAS					m_e
TANN	118.89		PKP	01:56:07.840	-0.1	57.5		1.87		TAS					m_e
TNS	121.14		PKP	01:56:12.286	-0.1	57.5		1.87		TAS					m_e
UBBA	119.98		PKP	01:56:09.943	-0.2	57.5		1.87		TAS					m_e
UBR	121.66		PKP	01:56:13.127	-0.5	57.5		1.87		TAS					m_e
WERD	118.95		PKP	01:56:08.140	0.2	57.5		1.87		TAS					m_e
WERN	119.00		PKP	01:56:08.320	0.0	57.5		1.87		TAS					m_e
WET	119.31		PKP	01:56:09.101	0.3	57.5		1.87		TAS					m_e
WLF	122.66		PKP	01:56:15.951		57.5		1.87		TAS					m_e

Event 41231003 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/31	02:47:32.00			-25.5500	178.2400				613.0					153.88	153.88	m i ke	EMSC
OrigID 41231035																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	153.88		PKPbc	03:06:22.937		24.5		1.57		TAS					m_e
GRA1	153.88		PKPab	03:06:39.628		27.4		3.81		TAS					m_e

Event 41231004 Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/31	04:50:00.20			38.2000	22.5700				5.0					14.08	14.08	m i ke	THE
OrigID 41231082																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	14.08		P	04:53:26.892		140.4		11.33		TAS					m_e

Event 41231005 Southwestern Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/12/31	07:54:32.87			23.5650	123.3800				118.5					85.55	85.55	m i ke	BGR
OrigID 41231011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	41231011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	85.55		P	08:06:56.697		62.9		4.62		TAS		12.3	1.03	m_e mb	5.0
GRA1	85.55		pP	08:07:27.024						T__					m_e

Event 41231007 Mindoro, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2014/12/31 09:26:25.00 13.8200 120.7500 130.0 91.74 91.74 m i ke EMSC
 41231039

Magnitude Err Nsta Author OrigID
 mb 5.5 BGR 41231013

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 91.74 P 09:39:17.610 66.3 4.59 TAS 38.7 1.65 m_e mb 5.5

Event 41231009 Iceland
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2014/12/31 14:40:30.79 65.0290 -19.9630 33.0 22.43 22.43 m i ke BGR
 41231015

Magnitude Err Nsta Author OrigID
 mb 4.4 BGR 41231015

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 22.43 P 14:45:26.292 323.7 10.38 TAS 24.1 1.59 m_e mb 4.4

Event 41231010 Tanzania
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2014/12/31 19:47:36.00 -9.7100 33.9800 2.0 62.42 62.42 m i ke EMSC
 41231042

Magnitude Err Nsta Author OrigID
 mb 5.4 BGR 41231016

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 62.42 P 19:57:59.737 154.5 6.76 TAS 34.0 1.46 m_e mb 5.4

Event 41231012 Fiji Islands region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2014/12/31 21:15:59.71 -19.1700 -177.6500 33.0 32 145.53 150.51 m i ke BGR
 41231018

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	148.47		PKPdf	21:35:40.039		17.8		1.90		TAS					m_e	
AHRW	148.47		PKPbc	21:35:42.622	-0.3	16.0		2.83		TAS					m_e	
AHRW	148.47		PKPab	21:35:45.609		15.0		4.22		TAS					m_e	
ASSE	146.47		PKPbc	21:35:36.990	-0.0	16.0		2.83		TAS					m_e	
BFO	150.51		PKPbc	21:35:47.872		16.0		2.83		TAS					m_e	
BFO	150.51		PKPab	21:35:54.048		15.0		4.22		TAS					m_e	
BRG	147.06		PKPbc	21:35:38.609	-0.0	16.0		2.83		TAS					m_e	
BUG	147.56		PKPbc	21:35:40.296	0.1	16.0		2.83		TAS					m_e	
CLL	146.84		PKPbc	21:35:37.898	0.1	16.0		2.83		TAS					m_e	
CLZ	146.79		PKPbc	21:35:37.929	0.2	16.0		2.83		TAS					m_e	
FBE	147.14		PKPbc	21:35:39.146	0.1	16.0		2.83		TAS					m_e	
FLT1	146.18		PKPbc	21:35:35.706	-0.0	16.0		2.83		TAS					m_e	
FUR	150.18		PKPbc	21:35:47.030		16.0		2.83		TAS					m_e	
FUR	150.18		PKPab	21:35:53.040		15.0		4.22		TAS					m_e	
GEC2	149.01		PKPdf	21:35:40.676		17.8		1.90		TAS					m_e	
GEC2	149.01		PKPbc	21:35:44.050		16.0		2.83		TAS					m_e	
GOR1	145.53		PKPbc	21:35:33.881	0.1	16.0		2.83		TAS					m_e	
GRA1	148.73		PKPdf	21:35:40.293		17.8		1.90		TAS					m_e	
GRA1	148.73		PKPab	21:35:46.835		15.0		4.22		TAS					m_e	
GTTG	147.14		PKPbc	21:35:38.750	0.1	16.0		2.83		TAS					m_e	
GUNZ	147.88		PKPdf	21:35:38.562		17.8		1.90		TAS					m_e	
GUNZ	147.88		PKPbc	21:35:40.993	-0.1	16.0		2.83		TAS					m_e	
IBBN	146.66		PKPbc	21:35:37.721	0.3	16.0		2.83		TAS					m_e	
KAST	147.68		PKPdf	21:35:38.526		17.8		1.90		TAS					m_e	
MANZ	148.28		PKPdf	21:35:39.307		17.8		1.90		TAS					m_e	
MANZ	148.28		PKPbc	21:35:42.326	-0.1	16.0		2.83		TAS					m_e	
MOX	147.74		PKPdf	21:35:38.348		17.8		1.90		TAS					m_e	
MOX	147.74		PKPbc	21:35:40.413	0.3	16.0		2.83		TAS					m_e	
NEUB	147.19		PKPbc	21:35:39.100	-0.1	16.0		2.83		TAS					m_e	
NRDL	146.19		PKPbc	21:35:36.023	0.0	16.0		2.83		TAS					m_e	
PLN	147.79		PKPdf	21:35:38.443		17.8		1.90		TAS					m_e	
PLN	147.79		PKPbc	21:35:40.750	-0.2	16.0		2.83		TAS					m_e	
ROTZ	148.47		PKPbc	21:35:42.738	-0.5	16.0		2.83		TAS					m_e	
RUE	145.58		PKPbc	21:35:33.946	0.1	16.0		2.83		TAS					m_e	
STU	149.96		PKPdf	21:35:42.676		17.8		1.90		TAS					m_e	
STU	149.96		PKPbc	21:35:46.685		16.0		2.83		TAS					m_e	
STU	149.96		PKPab	21:35:51.809		15.0		4.22		TAS					m_e	
TANN	147.80		PKPdf	21:35:38.552		17.8		1.90		TAS					m_e	
TANN	147.80		PKPbc	21:35:40.591	0.3	16.0		2.83		TAS					m_e	
TNS	148.64		PKPdf	21:35:40.234		17.8		1.90		TAS					m_e	
TNS	148.64		PKPbc	21:35:43.426		16.0		2.83		TAS					m_e	
TNS	148.64		PKPab	21:35:46.453		15.0		4.22		TAS					m_e	
UBBA	147.84		PKPdf	21:35:38.542		17.8		1.90		TAS					m_e	
WERD	147.80		PKPbc	21:35:40.779	0.2	16.0		2.83		TAS					m_e	
WERN	147.94		PKPbc	21:35:41.370	0.3	16.0		2.83		TAS					m_e	
WET	148.92		PKPdf	21:35:40.615		17.8		1.90		TAS					m_e	

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WET	148.92	PKPbc	21:35:43.673	16.0	2.83	TAS	m_e
WET	148.92	PKPab	21:35:47.545	15.0	4.22	TAS	m_e
WLF	149.42	PKPbc	21:35:45.864	16.0	2.83	TAS	m_e
WLF	149.42	PKPab	21:35:50.117	15.0	4.22	TAS	m_e