

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

(produced by SZO/BGR - HANNOVER)

March 2015 UPDATED 19.September.2017

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

Event 50301001 Myanmar-China border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/01	10:24:34.32			21.5990	99.7340				33.0					72.44	72.90	m i ke	BGR
OrigID 50301007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50301007
Ms	4.9		BGR	50301007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	72.90		P	10:35:59.760		83.5		5.24		TAS		21.5	1.44	m_e mb	5.1
GRA1	72.90		L	11:09:08.216						T__		566.8	19.20	a_e Ms	4.9
MOX	72.44		L	11:11:35.285						T__		662.4	18.50	a_e Ms	4.9

Event 50303002 Southwest of Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/03/03	10:37:37.90			-0.1510	97.4180				33.0					35	85.97	90.94	m i ke	BGR
OrigID 50303008																		

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	50303008
Ms	5.9		BGR	50303008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	90.33		P	10:50:35.817		93.0		4.78		TAS		90.9	1.14	m_e mb	5.9
ASSE	88.11		P	10:50:25.025	0.2	93.0		4.78		TAS		155.0	1.20	m_e mb	6.2

BFO	89.50	P	10:50:31.426	-0.2	93.0	4.78	TAS	49.2	0.94	m_e	mb	5.7
BRG	85.99	P	10:50:15.050	0.1	93.0	4.78	TAS	67.2	1.19	m_e	mb	5.7
BSEG	88.41	P	10:50:26.689	-0.2	93.0	4.78	TAS	134.0	1.20	m_e	mb	6.1
BUG	90.21	P	10:50:35.001		93.0	4.78	TAS	95.4	1.14	m_e	mb	5.9
CLL	86.61	P	10:50:17.642	0.0	93.0	4.78	TAS	53.6	1.15	m_e	mb	5.6
CLZ	88.29	P	10:50:26.178	0.1	93.0	4.78	TAS	114.1	1.03	m_e	mb	6.1
FBE	86.36	P	10:50:17.105	0.3	93.0	4.78	TAS	106.1	1.19	m_e	mb	5.8
FLT1	87.78	P	10:50:22.904	-0.1	93.0	4.78	TAS	76.3	1.06	m_e	mb	6.0
FUR	87.53	P	10:50:22.022	0.5	93.0	4.78	TAS	115.6	1.50	m_e	mb	6.0
GEC2	85.97	P	10:50:15.027	0.1	93.0	4.78	TAS	172.1	1.58	m_e	mb	5.9
GRA1	87.64	P	10:50:23.397	-0.6	93.0	4.78	TAS	93.5	1.14	m_e	mb	6.0
GRA1	87.64	L	11:35:53.375				T__	5491.0	21.80	a_e	Ms	5.9
GTTG	88.53	P	10:50:27.334	-0.1	93.0	4.78	TAS	175.3	1.23	m_e	mb	6.2
GUNZ	86.97	P	10:50:19.875	-0.0	93.0	4.78	TAS	130.0	1.70	m_e	mb	5.8
IBBN	89.91	P	10:50:33.548	0.0	93.0	4.78	TAS	300.7	1.76	m_e	mb	6.2
KAST	89.49	P	10:50:31.814	-0.2	93.0	4.78	TAS	130.6	1.31	m_e	mb	6.0
LNIZ	86.07	P	10:50:14.586	-0.8	93.0	4.78	TAS	372.2	1.23	m_e	mb	6.4
MANZ	87.09	P	10:50:20.831	0.1	93.0	4.78	TAS	98.3	1.16	m_e	mb	5.8
MOX	87.44	P	10:50:22.026	-0.3	93.0	4.78	TAS	118.4	1.51	m_e	mb	5.8
MOX	87.44	L	11:35:46.630				T__	4426.8	21.50	a_e	Ms	5.8
NEUB	87.38	P	10:50:21.724	0.1	93.0	4.78	TAS	153.1	1.16	m_e	mb	6.0
NRDL	88.47	P	10:50:27.255	-0.1	93.0	4.78	TAS	152.4	1.09	m_e	mb	6.2
PLN	87.09	P	10:50:20.244	0.6	93.0	4.78	TAS	41.7	1.18	m_e	mb	5.4
RJOB	86.48	P	10:50:16.782	-0.6	93.0	4.78	TAS	139.8	0.91	m_e	mb	6.1
ROTZ	87.01	P	10:50:20.275	-0.0	93.0	4.78	TAS	51.9	1.10	m_e	mb	5.6
RUE	86.23	P	10:50:16.204	0.1	93.0	4.78	TAS	560.6	1.68	m_e	mb	6.4
STU	88.94	P	10:50:29.020	0.1	93.0	4.78	TAS	115.8	1.39	m_e	mb	5.9
TANN	86.89	P	10:50:19.365	0.2	93.0	4.78	TAS	54.3	1.31	m_e	mb	5.5
TNS	89.45	P	10:50:31.831	-0.4	93.0	4.78	TAS	130.0	1.01	m_e	mb	6.1
UBBA	88.48	P	10:50:26.824	0.2	93.0	4.78	TAS	81.8	1.28	m_e	mb	5.9
UBR	88.29	P	10:50:25.844	0.4	93.0	4.78	TAS	49.0	1.14	m_e	mb	5.7
WERD	86.99	P	10:50:19.770	0.4	93.0	4.78	TAS	27.8	0.97	m_e	mb	5.4
WERN	86.94	P	10:50:19.748	0.2	93.0	4.78	TAS	34.3	1.07	m_e	mb	5.4
WET	86.53	P	10:50:17.718	0.1	93.0	4.78	TAS	62.7	1.12	m_e	mb	5.6
WLF	90.94	P	10:50:38.670		93.0	4.78	TAS	91.9	1.19	m_e	mb	6.0

Event 50304001 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/04	00:00:04.30	15.97	0.82	43.6000	11.1800	343.6	60.0	179	9.0			5	336	4.15	7.83	m i ke	INGV
50304091																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	50304007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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BFO	5.13	Pn	00:01:22.204	-0.1	T__	m_e	ML	4.1
BRG	7.51	Pn	00:01:53.811		T__	m_e		
CLL	7.81	Pn	00:01:59.946		T__	m_e		
FUR	4.56	Pn	00:01:18.554		T__	m_e	ML	4.2
GEC2	5.53	Pn	00:01:27.030		T__	m_e		
GUNZ	6.81	Pn	00:01:45.737		T__	m_e		
KAST	7.83	Pn	00:01:59.556		T__	m_e		
MANZ	6.42	Pn	00:01:40.134		T__	m_e		
MOX	7.05	Sn	00:03:03.594		T__	m_e		
MOX	7.05	Pn	00:01:49.242		T__	m_e		
RJOB	4.29	Pn	00:01:12.625	-0.7	T__	m_e	ML	3.8
ROTZ	6.21	Sn	00:02:42.408		T__	m_e		
ROTZ	6.21	Pn	00:01:36.468		T__	m_e		
TANN	6.87	Pn	00:01:46.059		T__	m_e		
TNS	6.88	Pn	00:01:46.648	0.5	T__	m_e		
UBR	4.15	Sn	00:01:57.480		T__	m_e		
UBR	4.15	Pn	00:01:10.047	-1.0	T__	m_e	ML	4.3
WERD	6.89	Pn	00:01:45.572		T__	m_e		
WERN	6.74	Sn	00:02:57.099		T__	m_e		
WERN	6.74	Pn	00:01:45.185	1.2	T__	m_e		
WET	5.67	Pn	00:01:28.846		T__	m_e		

Event 50304004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/04	15:20:45.98			-21.3430	-176.2580				33.0			22		147.08	153.23	m i k e	BGR
50304010																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.74		PKPbc	15:40:34.716	0.4	14.5		2.46		TAS				m_e	
ASSE	148.80		PKPbc	15:40:29.770	0.0	14.5		2.46		TAS				m_e	
BFO	152.82		PKPbc	15:40:39.298		14.5		2.46		TAS				m_e	
BFO	152.82		PKPab	15:40:50.236		14.5		4.26		TAS				m_e	
BRG	149.46		PKPbc	15:40:31.470	-0.1	14.5		2.46		TAS				m_e	
BRG	149.46		PKPab	15:40:36.104	-0.1	14.5		4.26		TAS				m_e	
BSEG	147.08		PKPbc	15:40:25.213	-0.2	14.5		2.46		TAS				m_e	
BUG	149.83		PKPbc	15:40:32.471	0.2	14.5		2.46		TAS				m_e	
CLL	149.23		PKPbc	15:40:30.765	0.1	14.5		2.46		TAS				m_e	
CLZ	149.12		PKPbc	15:40:30.946	0.2	14.5		2.46		TAS				m_e	
FBE	149.53		PKPbc	15:40:31.964	0.2	14.5		2.46		TAS				m_e	
FBE	149.53		PKPab	15:40:36.707	0.0	14.5		4.26		TAS				m_e	
FLT1	148.53		PKPbc	15:40:28.785	0.3	14.5		2.46		TAS				m_e	
FLT1	148.53		PKPab	15:40:31.942	-0.1	14.5		4.26		TAS				m_e	
FUR	152.56		PKPab	15:40:49.574		14.5		4.26		TAS				m_e	

GEC2	151.43	PKPbc	15:40:36.055		14.5	2.46	TAS	m_e
GEC2	151.43	PKPab	15:40:44.367		14.5	4.26	TAS	m_e
GRA1	151.09	PKPbc	15:40:35.597	-0.6	14.5	2.46	TAS	m_e
GRA1	151.09	PKPab	15:40:43.387		14.5	4.26	TAS	m_e
GTTG	149.47	PKPbc	15:40:31.678	0.0	14.5	2.46	TAS	m_e
GTTG	149.47	PKPab	15:40:36.573	0.0	14.5	4.26	TAS	m_e
GUNZ	150.26	PKPbc	15:40:33.642	0.3	14.5	2.46	TAS	m_e
GUNZ	150.26	PKPab	15:40:39.668		14.5	4.26	TAS	m_e
IBBN	148.94	PKPbc	15:40:30.340	0.3	14.5	2.46	TAS	m_e
IBBN	148.94	PKPab	15:40:34.375	-0.3	14.5	4.26	TAS	m_e
KAST	149.97	PKPbc	15:40:32.981	0.2	14.5	2.46	TAS	m_e
MANZ	150.66	PKPbc	15:40:34.569	-0.2	14.5	2.46	TAS	m_e
MANZ	150.66	PKPab	15:40:41.189		14.5	4.26	TAS	m_e
MOX	150.11	PKPbc	15:40:33.000	0.3	14.5	2.46	TAS	m_e
MOX	150.11	PKPab	15:40:38.669	0.1	14.5	4.26	TAS	m_e
NEUB	149.55	PKPbc	15:40:31.740	0.1	14.5	2.46	TAS	m_e
NRDL	148.52	PKPbc	15:40:28.970	-0.1	14.5	2.46	TAS	m_e
PLN	150.17	PKPbc	15:40:33.258	0.3	14.5	2.46	TAS	m_e
PLN	150.17	PKPab	15:40:39.032	0.2	14.5	4.26	TAS	m_e
RJOB	152.67	PKPab	15:40:50.047		14.5	4.26	TAS	m_e
ROTZ	150.85	PKPbc	15:40:34.913	-0.3	14.5	2.46	TAS	m_e
ROTZ	150.85	PKPab	15:40:42.112		14.5	4.26	TAS	m_e
RUE	147.97	PKPbc	15:40:27.299	-0.0	14.5	2.46	TAS	m_e
TANN	150.18	PKPbc	15:40:33.381	0.2	14.5	2.46	TAS	m_e
TANN	150.18	PKPab	15:40:39.178	0.1	14.5	4.26	TAS	m_e
TNS	150.94	PKPbc	15:40:35.422	-0.5	14.5	2.46	TAS	m_e
TNS	150.94	PKPab	15:40:42.658		14.5	4.26	TAS	m_e
UBBA	150.17	PKPab	15:40:38.944		14.5	4.26	TAS	m_e
UBR	153.23	PKPbc	15:40:40.031		14.5	2.46	TAS	m_e
WERD	150.18	PKPbc	15:40:33.379	0.1	14.5	2.46	TAS	m_e
WERD	150.18	PKPab	15:40:39.200	-0.4	14.5	4.26	TAS	m_e
WERN	150.32	PKPbc	15:40:33.795	0.2	14.5	2.46	TAS	m_e
WERN	150.32	PKPab	15:40:39.970		14.5	4.26	TAS	m_e
WET	151.32	PKPbc	15:40:35.859		14.5	2.46	TAS	m_e
WET	151.32	PKPab	15:40:44.265		14.5	4.26	TAS	m_e
WLF	151.67	PKPbc	15:40:37.630		14.5	2.46	TAS	m_e
WLF	151.67	PKPab	15:40:46.339		14.5	4.26	TAS	m_e

Event 50305001 Off west coast of northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/05	00:07:18.94			0.2730	96.5360				41.4	0.9		30		85.07	90.04	m i ke	BGR
50305007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50305007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	89.45		P	00:20:11.872		93.4		4.86		TAS		38.4	1.14	m_e	mb	5.5
AHRW	89.45		pP	00:20:23.965		92.9		4.88		TAS				m_e		
ASSE	87.24		P	00:20:00.761	0.1	93.4		4.86		TAS		34.0	1.19	m_e	mb	5.4
ASSE	87.24		pP	00:20:12.944	0.2	92.9		4.88		TAS				m_e		
BFO	88.60		P	00:20:07.112		93.4		4.86		TAS		11.7	1.05	m_e	mb	5.0
BRG	85.10		P	00:19:50.613	-0.1	93.4		4.86		TAS		49.4	1.61	m_e	mb	5.5
BRG	85.10		pP	00:20:02.682	-0.0	92.9		4.88		TAS				m_e		
BSEG	87.55		P	00:20:02.645	-0.1	93.4		4.86		TAS		65.4	1.21	m_e	mb	5.8
BSEG	87.55		pP	00:20:14.718	-0.2	92.9		4.88		TAS				m_e		
BUG	89.33		P	00:20:11.122		93.4		4.86		TAS		58.3	1.19	m_e	mb	5.7
BUG	89.33		pP	00:20:23.202		92.9		4.88		TAS				m_e		
CLL	85.73		P	00:19:53.266	-0.2	93.4		4.86		TAS		27.4	1.31	m_e	mb	5.2
CLL	85.73		pP	00:20:05.408	-0.2	92.9		4.88		TAS				m_e		
CLZ	87.41		P	00:20:01.947	0.3	93.4		4.86		TAS		44.7	1.40	m_e	mb	5.4
CLZ	87.41		pP	00:20:13.972	0.5	92.9		4.88		TAS				m_e		
FBE	85.48		P	00:19:52.691	0.2	93.4		4.86		TAS		52.0	1.42	m_e	mb	5.6
FBE	85.48		pP	00:20:04.732	0.2	92.9		4.88		TAS				m_e		
FLT1	86.90		P	00:19:58.851	0.1	93.4		4.86		TAS		11.2	0.98	m_e	mb	5.0
FLT1	86.90		pP	00:20:10.763	0.1	92.9		4.88		TAS				m_e		
GEC2	85.07		P	00:19:50.564	0.1	93.4		4.86		TAS		59.8	1.40	m_e	mb	5.6
GEC2	85.07		pP	00:20:02.601	-0.0	92.9		4.88		TAS				m_e		
GRA1	86.75		P	00:19:58.910	-0.3	93.4		4.86		TAS		22.0	1.13	m_e	mb	5.2
GRA1	86.75		pP	00:20:11.136	-0.1	92.9		4.88		TAS				m_e		
GTTG	87.65		P	00:20:03.181	-0.6	93.4		4.86		TAS		29.8	1.14	m_e	mb	5.5
GTTG	87.65		pP	00:20:15.157	0.1	92.9		4.88		TAS				m_e		
GUNZ	86.08		P	00:19:55.580	-0.3	93.4		4.86		TAS		20.4	1.17	m_e	mb	5.1
GUNZ	86.08		pP	00:20:07.592	-0.1	92.9		4.88		TAS				m_e		
IBBN	89.04		P	00:20:09.776		93.4		4.86		TAS		69.8	1.13	m_e	mb	5.8
IBBN	89.04		pP	00:20:21.912		92.9		4.88		TAS				m_e		
KAST	88.61		P	00:20:07.699	0.1	93.4		4.86		TAS		38.4	1.20	m_e	mb	5.5
KAST	88.61		pP	00:20:19.854		92.9		4.88		TAS				m_e		
MANZ	86.20		P	00:19:56.487	-0.0	93.4		4.86		TAS		39.1	1.16	m_e	mb	5.4
MANZ	86.20		pP	00:20:08.560	-0.3	92.9		4.88		TAS				m_e		
MOX	86.56		P	00:19:57.777	0.2	93.4		4.86		TAS		44.8	1.63	m_e	mb	5.3
MOX	86.56		pP	00:20:09.855	0.3	92.9		4.88		TAS				m_e		
NEUB	86.50		P	00:19:57.424	0.0	93.4		4.86		TAS		31.9	1.00	m_e	mb	5.4
NEUB	86.50		pP	00:20:09.214	0.0	92.9		4.88		TAS				m_e		
NRDL	87.60		P	00:20:03.153	0.3	93.4		4.86		TAS		70.1	1.25	m_e	mb	5.8
NRDL	87.60		pP	00:20:15.359	0.1	92.9		4.88		TAS				m_e		
PLN	86.20		P	00:19:55.912	0.5	93.4		4.86		TAS		24.2	1.34	m_e	mb	5.2
PLN	86.20		pP	00:20:07.935	0.5	92.9		4.88		TAS				m_e		
ROTZ	86.12		P	00:19:55.894	-0.1	93.4		4.86		TAS		23.8	1.20	m_e	mb	5.2
ROTZ	86.12		pP	00:20:07.928	-0.2	92.9		4.88		TAS				m_e		
RUE	85.36		P	00:19:52.071	0.2	93.4		4.86		TAS		77.7	1.20	m_e	mb	5.8
RUE	85.36		pP	00:20:04.057	0.2	92.9		4.88		TAS				m_e		
TANN	86.00		P	00:19:54.819	0.1	93.4		4.86		TAS		22.8	1.43	m_e	mb	5.1
TANN	86.00		pP	00:20:06.974	0.0	92.9		4.88		TAS				m_e		

TNS	88.56	P	00:20:07.757	0.1	93.4	4.86	TAS	30.3	1.25	m_e	mb	5.4
TNS	88.56	pP	00:20:19.733	-0.1	92.9	4.88	TAS			m_e		
UBBA	87.59	P	00:20:02.625	0.0	93.4	4.86	TAS	12.6	1.15	m_e	mb	5.1
UBBA	87.59	pP	00:20:14.673	0.0	92.9	4.88	TAS			m_e		
WERD	86.11	P	00:19:55.214	0.3	93.4	4.86	TAS	10.4	0.98	m_e	mb	4.9
WERD	86.11	pP	00:20:07.526	0.2	92.9	4.88	TAS			m_e		
WERN	86.05	P	00:19:55.334	0.1	93.4	4.86	TAS	18.5	1.21	m_e	mb	5.1
WERN	86.05	pP	00:20:07.389	0.1	92.9	4.88	TAS			m_e		
WET	85.64	P	00:19:53.271	0.0	93.4	4.86	TAS	38.8	1.40	m_e	mb	5.3
WET	85.64	pP	00:20:05.354	-0.0	92.9	4.88	TAS			m_e		
WLF	90.04	P	00:20:14.820		93.4	4.86	TAS	52.6	1.37	m_e	mb	5.6
WLF	90.04	pP	00:20:26.753		92.9	4.88	TAS			m_e		

Event 50305002 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/05	17:55:05.32			32.1660	138.8960				33.0			9		83.42	85.71	m i ke	BGR
OrigID 50305008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50305008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	84.14		P	18:07:32.265	-0.0	42.2		4.94		TAS		19.8	1.31	m_e	mb	5.2
BSEG	83.42		P	18:07:28.550	0.4	42.2		4.94		TAS		15.0	1.15	m_e	mb	5.1
CLL	84.24		P	18:07:32.565		42.2		4.94		TAS		24.1	1.12	m_e	mb	5.3
CLZ	84.96		P	18:07:36.574		42.2		4.94		TAS		18.7	1.06	m_e	mb	5.2
FBE	84.37		P	18:07:33.667		42.2		4.94		TAS		14.9	0.86	m_e	mb	5.2
FLT1	84.24		P	18:07:32.249	-0.2	42.2		4.94		TAS		14.4	0.70	m_e	mb	5.3
GEC2	85.71		P	18:07:39.757		42.2		4.94		TAS		3.8	0.83	m_e	mb	4.6
IBBN	85.67		P	18:07:39.631		42.2		4.94		TAS		26.4	1.04	m_e	mb	5.3
NEUB	84.86		P	18:07:35.603		42.2		4.94		TAS		24.5	1.25	m_e	mb	5.3

Event 50305003 Pakistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/05	21:27:05.03			34.8070	71.4780				33.0			9		43.99	49.07	m i ke	BGR
OrigID 50305009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50305009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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BRG	43.99	P	21:35:07.683	0.1	85.3	7.90	TAS											m_e	
BSEG	46.14	P	21:35:24.017		85.3	7.90	TAS				16.7	0.74	m_e	mb					5.2
CLZ	46.19	P	21:35:25.765		85.3	7.90	TAS				8.8	0.77	m_e	mb					4.9
FBE	44.36	P	21:35:10.844	0.3	85.3	7.90	TAS				13.2	0.84	m_e	mb					4.7
FLT1	45.63	P	21:35:19.612		85.3	7.90	TAS				19.4	0.61	m_e	mb					5.3
GRA1	45.80	P	21:35:22.883		85.3	7.90	TAS				15.0	1.11	m_e	mb					4.9
GTTG	46.46	P	21:35:27.032		85.3	7.90	TAS				14.5	0.85	m_e	mb					5.0
MOX	45.48	P	21:35:19.278		85.3	7.90	TAS				5.0	0.72	m_e	mb					4.5
WLF	49.07	P	21:35:47.848		85.3	7.90	TAS												m_e

Event 50305004 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/05	22:55:10.91			28.8150	53.6090				10.0			36		36.42	41.58	m i ke	BGR
OrigID 50305010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50305010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	41.03	P		23:02:53.759	-0.2	107.0		8.39		TAS		53.8	1.39	m_e	mb	5.1
ASSE	39.32	P		23:02:38.842	0.3	107.0		8.39		TAS		49.1	1.06	m_e	mb	5.1
BRG	36.97	P		23:02:19.112	-0.2	107.0		8.39		TAS		26.4	0.97	m_e	mb	4.9
BSEG	40.15	P		23:02:44.915	0.3	107.0		8.39		TAS		50.7	1.00	m_e	mb	5.1
BUG	41.14	P		23:02:54.333	0.3	107.0		8.39		TAS		149.8	1.50	m_e	mb	5.5
CLL	37.68	P		23:02:25.363	0.1	107.0		8.39		TAS		91.4	1.28	m_e	mb	5.4
CLZ	39.40	P		23:02:40.097	0.1	107.0		8.39		TAS		156.3	1.40	m_e	mb	5.4
FBE	37.33	P		23:02:22.403	-0.0	107.0		8.39		TAS		40.5	1.47	m_e	mb	4.9
FLT1	39.06	P		23:02:36.519	-0.1	107.0		8.39		TAS		115.9	0.92	m_e	mb	5.5
FUR	37.77	P		23:02:26.515	0.4	107.0		8.39		TAS		43.2	1.08	m_e	mb	5.1
GEC2	36.42	P		23:02:15.437	0.5	107.0		8.39		TAS		34.3	0.92	m_e	mb	5.2
GRA1	38.23	P		23:02:30.573	0.4	107.0		8.39		TAS		64.5	0.79	m_e	mb	5.4
GTTG	39.55	P		23:02:41.156	0.1	107.0		8.39		TAS		73.3	1.29	m_e	mb	5.2
GUNZ	37.76	P		23:02:25.454	-0.7	107.0		8.39		TAS		20.7	1.43	m_e	mb	4.7
HLG	41.58	P		23:02:57.471		107.0		8.39		TAS		244.6	1.04	m_e	mb	5.9
IBBN	41.08	P		23:02:53.562	-0.4	107.0		8.39		TAS		67.6	0.86	m_e	mb	5.4
KAST	40.38	P		23:02:48.363	0.0	107.0		8.39		TAS		45.4	0.77	m_e	mb	5.2
LNIZ	37.85	P		23:02:24.333	-1.0	107.0		8.39		TAS		72.9	1.08	m_e	mb	5.3
MANZ	37.77	P		23:02:26.282	-0.0	107.0		8.39		TAS		31.1	1.34	m_e	mb	4.9
MOX	38.28	P		23:02:30.350	-0.2	107.0		8.39		TAS		13.4	0.90	m_e	mb	4.7
NEUB	38.37	P		23:02:31.259	0.1	107.0		8.39		TAS		31.2	0.63	m_e	mb	5.2
NRDL	39.77	P		23:02:42.752	-0.1	107.0		8.39		TAS		102.6	1.20	m_e	mb	5.3
PLN	37.90	P		23:02:26.773	-0.6	107.0		8.39		TAS		7.1	0.91	m_e	mb	4.4
RGN	38.77	P		23:02:33.459	1.1	107.0		8.39		TAS		233.0	0.95	m_e	mb	5.8
ROTZ	37.64	P		23:02:25.544	0.3	107.0		8.39		TAS		29.7	0.80	m_e	mb	5.1
RUE	37.67	P		23:02:24.562	0.0	107.0		8.39		TAS		71.6	0.94	m_e	mb	5.4

SKMB	40.91	P	23:02:51.323	-0.3	107.0	8.39	TAS	180.3	1.43	m_e	mb	5.6
STU	39.26	P	23:02:38.230	-0.1	107.0	8.39	TAS	32.6	1.18	m_e	mb	4.8
TANN	37.69	P	23:02:25.247	-0.4	107.0	8.39	TAS	4.9	0.90	m_e	mb	4.2
TNS	40.10	P	23:02:46.077	0.2	107.0	8.39	TAS	84.9	1.26	m_e	mb	5.2
UBBA	39.31	P	23:02:39.121	-0.1	107.0	8.39	TAS	33.0	1.22	m_e	mb	4.8
UBR	38.41	P	23:02:32.056	0.8	107.0	8.39	TAS	68.2	0.77	m_e	mb	5.4
WERD	37.80	P	23:02:26.117	-0.4	107.0	8.39	TAS	10.2	1.47	m_e	mb	4.3
WERN	37.70	P	23:02:25.764	0.1	107.0	8.39	TAS	16.3	0.90	m_e	mb	4.8
WET	37.03	P	23:02:20.034	-0.1	107.0	8.39	TAS	66.3	1.48	m_e	mb	5.2
WLF	41.41	P	23:02:56.412		107.0	8.39	TAS	68.0	1.41	m_e	mb	5.2

Event 50305005 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/05	23:05:54.86			42.0530	143.8160				33.0					79.62	79.62	m i ke	BGR
OrigID 50305011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50305011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	79.62		P	23:17:57.528		34.1		4.63		TAS		19.3	1.37	m_e	mb	4.8

Event 50307001 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/07	13:18:28.18			50.4800	-174.6200				36.3	1.4		36		75.12	82.14	m i ke	BGR
OrigID 50307007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	50307007
Ms	4.9		BGR	50307007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	79.35		P	13:30:30.976	0.0	3.8		5.48		TAS		140.3	1.13	a_e	mb	5.9
ASSE	77.67		P	13:30:21.626	-0.4	3.8		5.48		TAS		142.0	1.25	a_e	mb	6.0
BFO	81.54		P	13:30:42.526	-0.1	3.8		5.48		TAS		89.4	1.28	a_e	mb	5.7
BRG	78.76		P	13:30:27.426	-0.0	3.8		5.48		TAS		89.6	1.11	a_e	mb	5.7
BSEG	75.88		P	13:30:11.776	-0.1	3.8		5.48		TAS		142.0	1.21	a_e	mb	6.0
BSEG	75.88		pP	13:30:22.333	0.1					T__				m_e		
BUG	78.44		P	13:30:25.476	0.2	3.8		5.48		TAS		125.4	1.24	a_e	mb	5.9
CLL	78.38		P	13:30:25.176	0.1	3.8		5.48		TAS		85.9	1.13	a_e	mb	5.8
CLZ	77.97		P	13:30:23.626	-0.3	3.8		5.48		TAS		288.0	1.46	a_e	mb	6.2

CLZ	77.97	pP	13:30:34.092	0.1						T__						m_e	
FBE	78.75	P	13:30:27.776	0.0	3.8		5.48			TAS	142.9	1.18	a_e	mb			5.9
FLT1	77.45	P	13:30:19.876	0.3	3.8		5.48			TAS	300.6	1.69	a_e	mb			6.1
FUR	81.61	P	13:30:43.126		3.8		5.48			TAS	83.8	1.20	a_e	mb			5.7
GEC2	80.80	P	13:30:38.726	-0.1	3.8		5.48			TAS	68.8	1.32	a_e	mb			5.5
GRA1	80.08	P	13:30:35.276	-0.1	3.8		5.48			TAS	152.9	1.16	m_e	mb			5.8
GRA1	80.08	pP	13:30:45.342	0.1						T__							m_e
GRA1	80.08	L	14:03:37.422							T__	619.2	20.10	a_e	Ms			4.9
GTTG	78.28	P	13:30:25.176	-0.1	3.8		5.48			TAS	255.5	1.27	a_e	mb			6.2
GUNZ	79.36	P	13:30:31.126	0.0	3.8		5.48			TAS	73.9	1.28	a_e	mb			5.6
HLG	75.69	P	13:30:10.676	-0.0	3.8		5.48			TAS	418.0	1.22	a_e	mb			6.4
HLG	75.69	pP	13:30:21.485	0.1						T__							m_e
IBBN	77.57	P	13:30:21.126	0.2	3.8		5.48			TAS	302.2	1.39	a_e	mb			6.2
KAST	78.66	P	13:30:27.126	-0.1	3.8		5.48			TAS	87.5	1.25	a_e	mb			5.6
MANZ	79.75	P	13:30:33.076	0.3	3.8		5.48			TAS	51.7	1.24	a_e	mb			5.3
MOX	79.11	P	13:30:29.576	0.2	3.8		5.48			TAS	81.3	1.17	a_e	mb			5.6
MOX	79.11	pP	13:30:40.042	0.1						T__							m_e
NEUB	78.56	P	13:30:26.426	-0.2	3.8		5.48			TAS	164.8	1.05	a_e	mb			6.0
NRDL	77.32	P	13:30:19.576	-0.0	3.8		5.48			TAS	167.7	1.44	a_e	mb			6.0
NRDL	77.32	pP	13:30:29.952	0.1						T__							m_e
PLN	79.25	P	13:30:30.276	0.2	3.8		5.48			TAS	57.8	1.22	a_e	mb			5.5
RJOB	81.96	P	13:30:45.026		3.8		5.48			TAS	114.7	1.13	a_e	mb			5.9
ROTZ	79.96	P	13:30:34.426	0.2	3.8		5.48			TAS	69.7	1.28	a_e	mb			5.4
RUE	77.17	P	13:30:18.826	0.1	3.8		5.48			TAS	313.0	1.46	a_e	mb			6.2
SKMB	75.12	P	13:30:07.826	-0.1	3.8		5.48			TAS	579.8	1.69	a_e	mb			6.3
STU	81.08	P	13:30:39.976	-0.1	3.8		5.48			TAS	102.9	1.22	a_e	mb			5.7
TANN	79.30	P	13:30:30.826	0.3	3.8		5.48			TAS	99.9	1.44	a_e	mb			5.6
TNS	79.64	P	13:30:32.426	0.4	3.8		5.48			TAS	109.6	1.12	a_e	mb			5.7
UBBA	79.00	P	13:30:28.876	-0.1	3.8		5.48			TAS	111.4	1.54	a_e	mb			5.7
UBR	82.14	P	13:30:45.976		3.8		5.48			TAS	86.1	1.52	a_e	mb			5.7
WERD	79.28	P	13:30:30.326	0.2	3.8		5.48			TAS	41.2	1.44	a_e	mb			5.3
WERN	79.43	P	13:30:31.576	0.2	3.8		5.48			TAS	98.6	1.18	a_e	mb			5.7
WET	80.55	P	13:30:37.626	-0.3	3.8		5.48			TAS	62.9	1.39	a_e	mb			5.5
WLF	80.23	P	13:30:35.876	-0.3	3.8		5.48			TAS	102.9	1.14	a_e	mb			5.7

Event 50307002 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/07	19:44:59.50			49.6250	155.2300				33.0					76.35	76.35	m i ke	BGR
50307008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50307008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	76.35		P	19:56:43.784		26.0		5.10		TAS		13.9	1.35	m_e mb	4.9

Event 50307003 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/07	20:51:47.71			-24.1800	175.9900				542.5	2.7		35		147.90	154.00	m i ke	BGR
OrigID																	
50307085																	

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	152.31		PKPdf	21:10:33.282						T__					m_e
AHRW	152.31		PKPbc	21:10:41.378		21.2		2.13		TAS					m_e
ASSE	149.92		PKPbc	21:10:36.414	-0.1	21.2		2.13		TAS					m_e
ASSE	149.92		PKPab	21:10:45.956	0.1	22.2		4.33		TAS					m_e
BFO	153.99		PKPbc	21:10:44.731		21.2		2.13		TAS					m_e
BFO	153.99		PKPab	21:11:03.493		22.2		4.33		TAS					m_e
BRG	149.95		PKPdf	21:10:30.482						T__					m_e
BRG	149.95		PKPbc	21:10:37.058	0.4	21.2		2.13		TAS					m_e
BRG	149.95		PKPab	21:10:47.632	-0.0	22.2		4.33		TAS					m_e
BSEG	148.40		PKPbc	21:10:32.738	0.0	21.2		2.13		TAS					m_e
BUG	151.43		PKPdf	21:10:32.029						T__					m_e
CLL	149.91		PKPdf	21:10:30.209						T__					m_e
CLL	149.91		PKPbc	21:10:36.929	-0.3	21.2		2.13		TAS					m_e
CLL	149.91		PKPab	21:10:46.794	0.0	22.2		4.33		TAS					m_e
CLL	149.91		pPKPbc	21:12:43.366						T__					m_e
CLZ	150.26		PKPdf	21:10:30.482						T__					m_e
CLZ	150.26		PKPbc	21:10:37.574	0.3	21.2		2.13		TAS					m_e
CLZ	150.26		PKPab	21:10:48.213	0.3	22.2		4.33		TAS					m_e
CLZ	150.26		pPKPbc	21:12:43.273						T__					m_e
FBE	150.12		PKPbc	21:10:37.832	-0.2	21.2		2.13		TAS					m_e
FBE	150.12		PKPab	21:10:48.406	-0.0	22.2		4.33		TAS					m_e
FBE	150.12		pPKPbc	21:12:43.956						T__					m_e
FLT1	149.58		PKPbc	21:10:35.446	0.1	21.2		2.13		TAS					m_e
FLT1	149.58		PKPab	21:10:44.408	-0.2	22.2		4.33		TAS					m_e
FUR	153.17		PKPab	21:11:01.752		22.2		4.33		TAS					m_e
GEC2	151.70		PKPdf	21:10:33.068						T__					m_e
GEC2	151.70		PKPbc	21:10:41.120	-0.5	21.2		2.13		TAS					m_e
GEC2	151.70		PKPab	21:10:55.369		22.2		4.33		TAS					m_e
GRA1	151.89		PKPab	21:10:55.563	0.5	22.2		4.33		TAS					m_e
GTTG	150.64		PKPdf	21:10:31.191						T__					m_e
GTTG	150.64		PKPbc	21:10:38.090	-0.2	21.2		2.13		TAS					m_e
GTTG	150.64		PKPab	21:10:49.631	0.7	22.2		4.33		TAS					m_e
GUNZ	150.94		PKPbc	21:10:39.508	0.5	21.2		2.13		TAS					m_e
GUNZ	150.94		PKPab	21:10:51.952	0.0	22.2		4.33		TAS					m_e
GUNZ	150.94		pPKPbc	21:12:46.144						T__					m_e
HLG	148.74		PKPbc	21:10:33.577	-0.4	21.2		2.13		TAS					m_e

IBBN	150.51	PKPbc	21:10:37.252	-0.2	21.2	2.13	TAS	m_e
IBBN	150.51	PKPab	21:10:48.341	0.1	22.2	4.33	TAS	m_e
KAST	151.37	PKPdf	21:10:31.965				T__	m_e
KAST	151.37	PKPbc	21:10:39.508	0.0	21.2	2.13	TAS	m_e
MANZ	151.34	PKPdf	21:10:32.505				T__	m_e
MANZ	151.34	PKPbc	21:10:40.347	0.1	21.2	2.13	TAS	m_e
MANZ	151.34	PKPab	21:10:53.564	-0.1	22.2	4.33	TAS	m_e
MOX	150.94	PKPbc	21:10:39.831	0.3	21.2	2.13	TAS	m_e
MOX	150.94	PKPab	21:10:52.017	0.1	22.2	4.33	TAS	m_e
NEUB	150.41	PKPbc	21:10:37.574	0.1	21.2	2.13	TAS	m_e
NEUB	150.41	PKPab	21:10:48.922	-0.1	22.2	4.33	TAS	m_e
NRDL	149.75	PKPdf	21:10:30.939				T__	m_e
NRDL	149.75	PKPbc	21:10:36.091	-0.1	21.2	2.13	TAS	m_e
NRDL	149.75	PKPab	21:10:45.376	0.4	22.2	4.33	TAS	m_e
PLN	150.89	PKPbc	21:10:38.993	0.8	21.2	2.13	TAS	m_e
PLN	150.89	PKPab	21:10:51.307	0.1	22.2	4.33	TAS	m_e
ROTZ	151.49	PKPbc	21:10:40.475	0.2	21.2	2.13	TAS	m_e
ROTZ	151.49	PKPab	21:10:54.338	-0.5	22.2	4.33	TAS	m_e
RUE	148.67	PKPbc	21:10:33.899	-0.4	21.2	2.13	TAS	m_e
RUE	148.67	PKPab	21:10:41.829	-0.4	22.2	4.33	TAS	m_e
SKMB	147.90	PKPbc	21:10:31.900	-0.3	21.2	2.13	TAS	m_e
STU	153.34	PKPdf	21:10:34.617				T__	m_e
STU	153.34	PKPbc	21:10:43.828		21.2	2.13	TAS	m_e
STU	153.34	PKPab	21:11:01.236		22.2	4.33	TAS	m_e
TANN	150.85	PKPdf	21:10:31.707				T__	m_e
TANN	150.85	PKPbc	21:10:38.864	0.1	21.2	2.13	TAS	m_e
TANN	150.85	PKPab	21:10:51.307	0.3	22.2	4.33	TAS	m_e
TNS	152.25	PKPdf	21:10:32.957				T__	m_e
TNS	152.25	PKPbc	21:10:41.572		21.2	2.13	TAS	m_e
TNS	152.25	PKPab	21:10:55.668		22.2	4.33	TAS	m_e
UBBA	151.28	PKPab	21:10:51.941		22.2	4.33	TAS	m_e
UBR	154.00	PKPdf	21:10:35.447				T__	m_e
UBR	154.00	PKPbc	21:10:45.376		21.2	2.13	TAS	m_e
UBR	154.00	PKPab	21:11:05.363		22.2	4.33	TAS	m_e
WERD	150.88	PKPbc	21:10:39.122	-0.0	21.2	2.13	TAS	m_e
WERD	150.88	PKPab	21:10:51.501	0.5	22.2	4.33	TAS	m_e
WERD	150.88	pPKPbc	21:12:45.400				T__	m_e
WERN	150.99	PKPbc	21:10:39.766	0.1	21.2	2.13	TAS	m_e
WERN	150.99	PKPab	21:10:52.403	-0.8	22.2	4.33	TAS	m_e
WET	151.77	PKPdf	21:10:33.192				T__	m_e
WET	151.77	PKPab	21:10:55.949		22.2	4.33	TAS	m_e
WLF	153.35	PKPdf	21:10:35.225				T__	m_e
WLF	153.35	PKPab	21:11:00.463		22.2	4.33	TAS	m_e

OrigID
 2015/03/07 22:19:01.40 -6.6300 151.7400 47.0 35 122.82 128.29 m i ke EMSC
 50307036

Magnitude Err Nsta Author OrigID
 Ms 5.4 BGR 50307010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	127.26		PKPdf	22:38:00.263	-0.2	51.2		1.94		TAS				a_e	
ASSE	124.52		PKPdf	22:37:54.813	-0.2	51.2		1.94		TAS				a_e	
BFO	128.15		PKPdf	22:38:01.581		51.2		1.94		TAS				m_e	
BRG	123.71		PKPdf	22:37:53.213	-0.3	51.2		1.94		TAS				a_e	
BSEG	123.48		PKPdf	22:37:52.863	0.0	51.2		1.94		TAS				a_e	
BUG	126.55		PKPdf	22:37:58.663	-0.0	51.2		1.94		TAS				a_e	
CLL	123.92		PKPdf	22:37:53.313	0.2	51.2		1.94		TAS				a_e	
CLZ	124.85		PKPdf	22:37:55.713	0.9	51.2		1.94		TAS				a_e	
FBE	123.98		PKPdf	22:37:53.963	-0.2	51.2		1.94		TAS				a_e	
FLT1	124.12		PKPdf	22:37:53.946	-0.1	51.2		1.94		TAS				m_e	
FUR	126.74		PKPdf	22:37:58.963	0.0	51.2		1.94		TAS				a_e	
GEC2	125.04		PKPdf	22:37:55.763	0.1	51.2		1.94		TAS				a_e	
GRA1	125.81		PKPdf	22:37:57.313	-0.1	51.2		1.94		TAS				a_e	
GRA1	125.81		L	23:35:24.182						T__		890.1	21.40	a_e Ms	5.4
GTTG	125.23		PKPdf	22:37:56.363	0.2	51.2		1.94		TAS				a_e	
GUNZ	124.83		PKPdf	22:37:55.513	0.2	51.2		1.94		TAS				a_e	
IBBN	125.72		PKPdf	22:37:57.213	-0.5	51.2		1.94		TAS				a_e	
KAST	126.19		PKPdf	22:37:58.113	-0.1	51.2		1.94		TAS				a_e	
MANZ	125.18		PKPdf	22:37:56.163	0.0	51.2		1.94		TAS				m_e	
MOX	125.02		PKPdf	22:37:56.663	0.1	51.2		1.94		TAS				a_e	
NEUB	124.59		PKPdf	22:37:54.763	-0.1	51.2		1.94		TAS				a_e	
NRDL	124.54		PKPdf	22:37:55.113	0.0	51.2		1.94		TAS				a_e	
PLN	124.85		PKPdf	22:37:55.363	0.1	51.2		1.94		TAS				a_e	
RJOB	126.18		PKPdf	22:37:57.413	-0.3	51.2		1.94		TAS				a_e	
ROTZ	125.27		PKPdf	22:37:56.213	-0.0	51.2		1.94		TAS				a_e	
RUE	122.82		PKPdf	22:37:51.513	-0.0	51.2		1.94		TAS				a_e	
SKMB	123.33		PKPdf	22:37:52.913	-0.2	51.2		1.94		TAS				a_e	
STU	127.43		PKPdf	22:38:00.363	-0.2	51.2		1.94		TAS				a_e	
TANN	124.74		PKPdf	22:37:55.213	0.1	51.2		1.94		TAS				a_e	
TNS	126.83		PKPdf	22:37:59.313	-0.0	51.2		1.94		TAS				a_e	
UBBA	125.69		PKPdf	22:37:57.113	0.0	51.2		1.94		TAS				a_e	
UBR	127.65		PKPdf	22:38:00.613	0.6	51.2		1.94		TAS				a_e	
WERD	124.80		PKPdf	22:37:55.163	-0.0	51.2		1.94		TAS				a_e	
WERN	124.86		PKPdf	22:37:55.563	0.1	51.2		1.94		TAS				a_e	
WET	125.30		PKPdf	22:37:56.413	-0.2	51.2		1.94		TAS				a_e	
WLF	128.29		PKPdf	22:38:02.813		51.2		1.94		TAS				a_e	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/08	15:52:22.15			-20.4400	-176.7300				557.4	6.9		35		145.46	152.27	m i k e	BGR
50308007																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.81		PKPdf	16:11:04.119	-0.1	14.9		1.47		TAS					m_e
AHRW	149.81		PKPbc	16:11:09.225	0.2	14.8		2.41		TAS					m_e
AHRW	149.81		pPKPbc	16:13:18.566	-0.1					T__					m_e
ASSE	147.85		PKPdf	16:11:01.314	0.1	14.9		1.47		TAS					m_e
BFO	151.88		PKPdf	16:11:06.996		14.9		1.47		TAS					m_e
BFO	151.88		PKPbc	16:11:13.540		14.8		2.41		TAS					m_e
BFO	151.88		PKPab	16:11:24.327		13.9		4.15		TAS					m_e
BRG	148.49		PKPdf	16:11:02.177	-0.2	14.9		1.47		TAS					m_e
BRG	148.49		PKPbc	16:11:05.845	0.3	14.8		2.41		TAS					m_e
BSEG	146.13		PKPbc	16:10:59.637	-0.1	14.8		2.41		TAS					m_e
BUG	148.90		PKPdf	16:11:02.753	-0.0	14.9		1.47		TAS					m_e
BUG	148.90		PKPbc	16:11:06.852	0.2	14.8		2.41		TAS					m_e
CLL	148.26		PKPdf	16:11:01.818	-0.1	14.9		1.47		TAS					m_e
CLL	148.26		PKPbc	16:11:05.270	0.3	14.8		2.41		TAS					m_e
CLL	148.26		pPKPbc	16:13:13.930	-0.1					T__					m_e
CLZ	148.17		PKPdf	16:11:01.746	0.4	14.9		1.47		TAS					m_e
CLZ	148.17		PKPbc	16:11:05.557	0.4	14.8		2.41		TAS					m_e
CLZ	148.17		PKPab	16:11:08.865	0.6	13.9		4.15		TAS					m_e
FBE	148.56		PKPdf	16:11:02.393	0.0	14.9		1.47		TAS					m_e
FBE	148.56		PKPbc	16:11:06.348	0.3	14.8		2.41		TAS					m_e
FBE	148.56		PKPab	16:11:10.663	0.0	13.9		4.15		TAS					m_e
FLT1	147.57		PKPdf	16:11:00.236	0.1	14.9		1.47		TAS					m_e
FLT1	147.57		PKPbc	16:11:03.256	0.5	14.8		2.41		TAS					m_e
FLT1	147.57		pPKPbc	16:13:11.575	-0.1					T__					m_e
FUR	151.60		PKPdf	16:11:06.348		14.9		1.47		TAS					m_e
FUR	151.60		PKPbc	16:11:13.036	-0.6	14.8		2.41		TAS					m_e
FUR	151.60		PKPab	16:11:23.320		13.9		4.15		TAS					m_e
GEC2	150.45		PKPdf	16:11:04.910	-0.1	14.9		1.47		TAS					m_e
GEC2	150.45		PKPbc	16:11:10.304	-0.3	14.8		2.41		TAS					m_e
GEC2	150.45		pPKPbc	16:13:19.891	-0.1					T__					m_e
GRA1	150.13		PKPdf	16:11:04.335	-0.3	14.9		1.47		TAS					m_e
GRA1	150.13		PKPbc	16:11:10.016	0.6	14.8		2.41		TAS					m_e
GRA1	150.13		PKPab	16:11:17.783		13.9		4.15		TAS					m_e
GRA1	150.13		pPKPbc	16:13:18.488	-0.1					T__					m_e
GTTG	148.51		PKPdf	16:11:02.177	-0.1	14.9		1.47		TAS					m_e
GTTG	148.51		PKPbc	16:11:06.348	-0.2	14.8		2.41		TAS					m_e
GTTG	148.51		PKPab	16:11:10.160	-0.3	13.9		4.15		TAS					m_e
GTTG	148.51		pPKPbc	16:13:14.866	-0.1					T__					m_e
GUNZ	149.29		PKPdf	16:11:03.472	0.1	14.9		1.47		TAS					m_e
GUNZ	149.29		PKPbc	16:11:08.146	-0.1	14.8		2.41		TAS					m_e
GUNZ	149.29		pPKPbc	16:13:17.030	-0.1					T__					m_e

IBBN	148.00	PKPdf	16:11:01.386	0.2	14.9	1.47	TAS	m_e
IBBN	148.00	PKPbc	16:11:04.766	-0.1	14.8	2.41	TAS	m_e
IBBN	148.00	PKPab	16:11:08.578	0.3	13.9	4.15	TAS	m_e
KAST	149.03	PKPdf	16:11:02.753	0.1	14.9	1.47	TAS	m_e
KAST	149.03	PKPbc	16:11:07.571	0.3	14.8	2.41	TAS	m_e
KAST	149.03	PKPab	16:11:12.389		13.9	4.15	TAS	m_e
KAST	149.03	pPKPbc	16:13:16.267	-0.1			T__	m_e
MANZ	149.69	PKPdf	16:11:03.831	0.1	14.9	1.47	TAS	m_e
MANZ	149.69	PKPbc	16:11:08.793	0.2	14.8	2.41	TAS	m_e
MOX	149.15	PKPdf	16:11:02.896	0.2	14.9	1.47	TAS	m_e
MOX	149.15	PKPbc	16:11:07.499	-0.1	14.8	2.41	TAS	m_e
NEUB	148.59	PKPdf	16:11:02.609	0.1	14.9	1.47	TAS	m_e
NEUB	148.59	PKPbc	16:11:06.348	0.1	14.8	2.41	TAS	m_e
NRDL	147.57	PKPdf	16:11:00.092	0.1	14.9	1.47	TAS	m_e
NRDL	147.57	PKPbc	16:11:03.616	-0.1	14.8	2.41	TAS	m_e
PLN	149.20	PKPdf	16:11:03.112	0.3	14.9	1.47	TAS	m_e
PLN	149.20	PKPbc	16:11:07.787	0.4	14.8	2.41	TAS	m_e
PLN	149.20	PKPab	16:11:13.108		13.9	4.15	TAS	m_e
RJOB	151.70	PKPdf	16:11:06.492		14.9	1.47	TAS	m_e
RJOB	151.70	PKPbc	16:11:12.964		14.8	2.41	TAS	m_e
RJOB	151.70	PKPab	16:11:23.680		13.9	4.15	TAS	m_e
ROTZ	149.88	PKPdf	16:11:04.047	0.5	14.9	1.47	TAS	m_e
ROTZ	149.88	PKPbc	16:11:09.513	0.1	14.8	2.41	TAS	m_e
RUE	147.00	PKPbc	16:11:01.890	-0.4	14.8	2.41	TAS	m_e
RUE	147.00	pPKPbc	16:13:09.849	-0.1			T__	m_e
SKMB	145.46	PKPbc	16:10:58.124	-0.6	14.8	2.41	TAS	m_e
STU	151.34	PKPdf	16:11:06.420		14.9	1.47	TAS	m_e
STU	151.34	PKPbc	16:11:12.749	-0.5	14.8	2.41	TAS	m_e
STU	151.34	PKPab	16:11:21.810		13.9	4.15	TAS	m_e
TANN	149.22	PKPdf	16:11:03.184	-0.1	14.9	1.47	TAS	m_e
TANN	149.22	PKPbc	16:11:08.002	0.1	14.8	2.41	TAS	m_e
TANN	149.22	PKPab	16:11:13.971		13.9	4.15	TAS	m_e
TANN	149.22	pPKPbc	16:13:16.751	-0.1			T__	m_e
TNS	150.00	PKPdf	16:11:04.479	0.2	14.9	1.47	TAS	m_e
TNS	150.00	PKPbc	16:11:09.800	-0.4	14.8	2.41	TAS	m_e
TNS	150.00	PKPab	16:11:16.992		13.9	4.15	TAS	m_e
TNS	150.00	pPKPbc	16:13:18.453	-0.1			T__	m_e
UBBA	149.22	PKPdf	16:11:03.112	-0.0	14.9	1.47	TAS	m_e
UBBA	149.22	PKPbc	16:11:07.571	0.4	14.8	2.41	TAS	m_e
UBR	152.27	PKPdf	16:11:07.499		14.9	1.47	TAS	m_e
UBR	152.27	PKPbc	16:11:14.331		14.8	2.41	TAS	m_e
UBR	152.27	pPKPbc	16:13:24.506	-0.1			T__	m_e
WERD	149.21	PKPdf	16:11:03.256	0.0	14.9	1.47	TAS	m_e
WERD	149.21	PKPbc	16:11:07.859	0.4	14.8	2.41	TAS	m_e
WERN	149.35	PKPdf	16:11:03.616	-0.1	14.9	1.47	TAS	m_e
WERN	149.35	PKPbc	16:11:08.362	0.3	14.8	2.41	TAS	m_e
WERN	149.35	PKPab	16:11:14.259		13.9	4.15	TAS	m_e
WET	150.34	PKPdf	16:11:04.910	-0.3	14.9	1.47	TAS	m_e
WET	150.34	PKPbc	16:11:10.447	0.0	14.8	2.41	TAS	m_e

WET	150.34	PKPab	16:11:18.214	13.9	4.15	TAS	m_e
WLF	150.75	PKPdf	16:11:06.061	-0.1 14.9	1.47	TAS	m_e
WLF	150.75	PKPbc	16:11:12.173	-0.7 14.8	2.41	TAS	m_e
WLF	150.75	PKPab	16:11:20.372	13.9	4.15	TAS	m_e

Event 50308002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/08	17:37:55.90			-16.1300	-179.3200				10.0					145.45	145.45	m i ke	GFZ
OrigID 50308054																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	145.45		PKP	17:57:31.994		18.1		3.06		TAS					m_e

Event 50308003 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/08	20:47:29.81	0.49	0.75	44.1440	19.9860	8.9	5.6	7	10.0				27 213	3.40	9.93	m i ke	BGR
OrigID 50308009																	

Magnitude Err Nsta Author OrigID

ML	4.6		BGR	50308009
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	4.41		Pn	20:48:33.872	-1.3					T__				m_e ML	4.5
BE1	7.17		Pn	20:49:12.345	0.0					T__				m_e	
BFO	9.10		Pn	20:49:37.342	-0.9					T__				m_e	
BUD	3.40		Pn	20:48:21.001	-0.6					T__				m_e	
DAVA	7.74		Pn	20:49:20.905	0.9					T__				m_e	
FUR	7.26		Pn	20:49:13.410	-0.2					T__				m_e	
GEC2	6.40		Pn	20:49:01.597	-0.3					T__				m_e	
GRA1	8.17		Pn	20:49:25.630	-0.2					T__				m_e	
JAVC	4.98		Pn	20:48:42.568	-0.3					T__				m_e	
KBA	5.51		Sn	20:49:49.760	1.6					T__				m_e	
KBA	5.51		Pn	20:48:49.601	-0.3					T__				m_e	
KW1	6.49		Pn	20:49:03.416	0.2					T__				m_e	
MANZ	7.94		Pn	20:49:22.779	0.1					T__				m_e	
MLR	4.45		Pn	20:48:37.459	1.8					T__				m_e	
MOA	5.44		Pn	20:48:48.942	-0.1					T__				m_e	
NORI	7.92		Pn	20:49:21.726	-0.7					T__				m_e	
OBER	7.52		Pn	20:49:17.629	0.6					T__				m_e	

OBKA	4.50	Pn	20:48:35.668	-0.8	T__	m_e	ML	4.6
PART	7.05	Pn	20:49:10.818	0.1	T__	m_e		
PSZ	3.78	Sn	20:49:07.927	0.2	T__	m_e		
PSZ	3.78	Pn	20:48:25.867	-0.8	T__	m_e	ML	4.7
RJOB	6.17	Pn	20:48:58.961	0.1	T__	m_e		
ROTZ	7.74	Pn	20:49:19.456	-0.6	T__	m_e		
SOP	4.27	Sn	20:49:20.465	1.2	T__	m_e		
SOP	4.27	Pn	20:48:32.130	-1.2	T__	m_e		
TIRR	6.06	Pn	20:48:57.261	-0.1	T__	m_e		
TNS	9.93	Pn	20:49:49.736	0.3	T__	m_e		
UBR	7.74	Pn	20:49:20.315	0.2	T__	m_e		
WET	6.99	Pn	20:49:09.837	-0.1	T__	m_e		
WTTA	6.63	Pn	20:49:06.309	1.3	T__	m_e		

Event 50309001 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/09	01:52:35.72			36.0280	140.6110				33.0					83.61	83.61	m i ke	BGR
OrigID 50309007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50309007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	83.61		P	02:04:59.616		43.5		4.34		TAS		6.8	0.86	m_e mb	4.9

Event 50309002 Panama-Costa Rica border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/09	02:48:52.83			8.2100	-82.6300				33.0				35	83.02	88.03	m i ke	BGR
OrigID 50309008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50309008
Ms	5.6		BGR	50309008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.54		P	03:01:21.657	0.3	278.0		4.96		TAS		96.6	1.45	a_e mb	5.8
ASSE	85.61		P	03:01:32.057	0.1	278.0		4.96		TAS		60.6	1.39	a_e mb	5.5
BFO	84.57		P	03:01:25.757	-0.5	278.0		4.96		TAS		34.2	1.37	a_e mb	5.4
BRG	87.82		P	03:01:42.507		278.0		4.96		TAS		37.7	1.64	a_e mb	5.5
BSEG	85.16		P	03:01:29.457	0.5	278.0		4.96		TAS		42.6	1.49	m_e mb	5.5
BUG	83.59		P	03:01:21.457	-0.1	278.0		4.96		TAS		49.7	1.27	a_e mb	5.6

CLL	87.17	P	03:01:39.157	0.2	278.0	4.96	TAS	49.4	1.50	a_e	mb	5.4
CLZ	85.46	P	03:01:31.307	0.4	278.0	4.96	TAS	53.5	1.30	m_e	mb	5.6
FBE	87.45	P	03:01:40.957	0.4	278.0	4.96	TAS	77.1	1.71	a_e	mb	5.6
FLT1	85.93	P	03:01:32.907	0.1	278.0	4.96	TAS	68.7	1.57	a_e	mb	5.5
FUR	86.55	P	03:01:36.207	-0.1	278.0	4.96	TAS	51.6	1.49	a_e	mb	5.4
GEC2	88.03	P	03:01:43.157		278.0	4.96	TAS	9.5	1.04	a_e	mb	5.1
GRA1	86.29	P	03:01:35.057	-0.1	278.0	4.96	TAS	39.0	1.35	a_e	mb	5.4
GRA1	86.29	L	03:34:47.590				T__	2651.0	22.00	a_e	Ms	5.6
GTTG	85.25	P	03:01:30.057	0.1	278.0	4.96	TAS	101.1	1.72	a_e	mb	5.8
GUNZ	86.90	P	03:01:38.107	0.2	278.0	4.96	TAS	37.2	1.50	a_e	mb	5.3
IBBN	83.81	P	03:01:22.757	-0.1	278.0	4.96	TAS	44.0	1.37	a_e	mb	5.5
KAST	84.32	P	03:01:25.157	0.1	278.0	4.96	TAS	43.8	1.47	a_e	mb	5.5
MANZ	86.81	P	03:01:37.807	-0.2	278.0	4.96	TAS	13.3	1.04	a_e	mb	5.0
MOX	86.40	P	03:01:35.507	0.1	278.0	4.96	TAS	30.7	1.47	a_e	mb	5.2
NEUB	86.42	P	03:01:35.757	-0.0	278.0	4.96	TAS	55.1	1.46	a_e	mb	5.5
NRDL	85.22	P	03:01:30.157	0.2	278.0	4.96	TAS	60.0	1.42	a_e	mb	5.6
PLN	86.77	P	03:01:37.307	0.2	278.0	4.96	TAS	42.8	1.32	a_e	mb	5.4
RJOB	87.62	P	03:01:41.961	-0.5	278.0	4.96	TAS	36.9	1.23	m_e	mb	5.6
ROTZ	86.91	P	03:01:38.207	0.1	278.0	4.96	TAS	17.7	1.37	a_e	mb	5.0
RUE	87.44	P	03:01:40.407	-0.1	278.0	4.96	TAS	66.4	1.49	a_e	mb	5.5
SKMB	84.56	P	03:01:25.957	-0.3	278.0	4.96	TAS	89.1	1.26	a_e	mb	5.8
STU	85.09	P	03:01:28.757	0.0	278.0	4.96	TAS	51.7	1.24	a_e	mb	5.6
TANN	86.97	P	03:01:38.457	0.0	278.0	4.96	TAS	54.1	1.47	a_e	mb	5.5
TNS	84.45	P	03:01:25.907	-0.7	278.0	4.96	TAS	34.4	1.23	a_e	mb	5.4
UBBA	85.36	P	03:01:30.507	0.4	278.0	4.96	TAS	55.1	1.84	a_e	mb	5.5
UBR	85.84	P	03:01:32.757	-0.3	278.0	4.96	TAS	41.8	1.43	a_e	mb	5.4
WERD	86.87	P	03:01:37.657	0.1	278.0	4.96	TAS	20.0	1.50	a_e	mb	5.0
WERN	86.94	P	03:01:38.457	-0.2	278.0	4.96	TAS	66.8	1.58	a_e	mb	5.5
WET	87.44	P	03:01:40.757	-0.3	278.0	4.96	TAS	45.6	1.40	a_e	mb	5.4
WLF	83.02	P	03:01:18.807	0.0	278.0	4.96	TAS	51.9	1.26	a_e	mb	5.6

Event 50309003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/09	05:59:46.25			-21.8600	-179.5800				600.0			29		147.10	152.35	m i ke	BGR
50309009																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.76		PKPbc	06:18:26.456	0.2					T__				m_e	
ASSE	148.76		PKPab	06:18:32.537	-0.1	17.9		4.33		TAS				m_e	
BRG	149.17		PKPbc	06:18:27.750	0.3					T__				m_e	
BRG	149.17		PKPab	06:18:34.673		17.9		4.33		TAS				m_e	
BSEG	147.10		PKPbc	06:18:22.261	-0.3					T__				m_e	
BUG	150.00		PKPbc	06:18:29.561	0.5					T__				m_e	

CLL	149.01	PKPbc	06:18:26.908	0.1						T__	m_e
CLL	149.01	PKPab	06:18:33.637	-0.2	17.9		4.33			TAS	m_e
CLZ	149.09	PKPbc	06:18:27.491	0.2						T__	m_e
FBE	149.28	PKPbc	06:18:28.138	-0.3						T__	m_e
FBE	149.28	PKPab	06:18:35.578		17.9		4.33			TAS	m_e
FLT1	148.46	PKPbc	06:18:25.485	-0.3						T__	m_e
FLT1	148.46	PKPab	06:18:31.049	0.1	17.9		4.33			TAS	m_e
FUR	152.35	PKPbc	06:18:35.028							T__	m_e
GEC2	151.06	PKPbc	06:18:32.085							T__	m_e
GRA1	150.94	PKPab	06:18:42.178		17.9		4.33			TAS	m_e
GTTG	149.45	PKPbc	06:18:28.461	0.2						T__	m_e
GUNZ	150.05	PKPbc	06:18:29.885	-0.0						T__	m_e
HLG	147.23	PKPbc	06:18:22.954	0.1						T__	m_e
IBBN	149.08	PKPbc	06:18:27.103	0.2						T__	m_e
IBBN	149.08	PKPab	06:18:33.961		17.9		4.33			TAS	m_e
KAST	150.05	PKPbc	06:18:29.626	0.6						T__	m_e
MANZ	150.45	PKPbc	06:18:30.661	-0.3						T__	m_e
MOX	149.96	PKPbc	06:18:29.108	0.0						T__	m_e
NEUB	149.41	PKPbc	06:18:28.267	-0.1						T__	m_e
NEUB	149.41	PKPab	06:18:35.772		17.9		4.33			TAS	m_e
NRDL	148.52	PKPbc	06:18:26.003	-0.3						T__	m_e
PLN	149.98	PKPbc	06:18:29.691	-0.0						T__	m_e
ROTZ	150.63	PKPbc	06:18:31.139	-0.2						T__	m_e
STU	152.25	PKPbc	06:18:34.784							T__	m_e
TANN	149.97	PKPbc	06:18:29.432	-0.0						T__	m_e
TNS	151.00	PKPbc	06:18:32.085							T__	m_e
TNS	151.00	PKPab	06:18:42.113		17.9		4.33			TAS	m_e
UBBA	150.14	PKPbc	06:18:30.402	0.2						T__	m_e
WERD	149.98	PKPbc	06:18:29.561	0.2						T__	m_e
WERN	150.11	PKPbc	06:18:30.338	0.0						T__	m_e
WERN	150.11	PKPab	06:18:38.813		17.9		4.33			TAS	m_e
WET	151.03	PKPab	06:18:42.695		17.9		4.33			TAS	m_e

Event 50309005 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/09	19:39:52.34			48.9120	153.3060				33.0					76.50	76.50	m i ke	BGR
OrigID 50309011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50309011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	76.50		P	19:51:37.477		23.3		4.86		TAS		11.7	0.91	m_e mb	5.0

Event 50310003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/10	15:11:22.00			-15.0000	-178.8100				392.0					144.45	144.45	m i ke	EMSC
OrigID 50310035																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	144.45		PKP	15:30:12.098		16.8		2.92		TAS					m_e

Event 50310004 Northern Colombia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/10	20:55:48.47			6.5300	-72.1700				179.1	3.7		22		77.49	82.53	m i ke	BGR
OrigID 50310010																	

Magnitude Err Nsta Author OrigID

mb 5.7 BGR 50310010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.15		S	21:17:08.870	0.0	270.1		11.01		TAS				m_e	
AHRW	78.15		P	21:07:28.263	0.3	269.0		5.38		TAS		73.1	0.81	a_e mb	5.9
AHRW	78.15		pP	21:08:11.244						T__				m_e	
ASSE	80.49		S	21:17:32.042		270.1		11.01		TAS				m_e	
ASSE	80.49		P	21:07:41.370	0.8	269.0		5.38		TAS		42.7	0.90	m_e mb	5.4
BFO	78.84		S	21:17:14.924	-0.8	270.1		11.01		TAS				m_e	
BFO	78.84		P	21:07:31.263	-0.3	269.0		5.38		TAS		37.5	0.93	a_e mb	5.4
BRG	82.53		S	21:17:56.470		270.1		11.01		TAS				m_e	
BRG	82.53		P	21:07:51.113	-0.4	269.0		5.38		TAS		40.0	0.79	a_e mb	5.7
BSEG	80.33		P	21:07:39.313	-0.3	269.0		5.38		TAS		84.1	0.74	a_e mb	5.8
BUG	78.34		S	21:17:09.458	0.3	270.1		11.01		TAS				m_e	
BUG	78.34		P	21:07:28.713	-0.3	269.0		5.38		TAS		82.0	0.85	a_e mb	5.9
CLL	81.93		S	21:17:46.819		270.1		11.01		TAS				m_e	
CLL	81.93		P	21:07:47.863	-0.4	269.0		5.38		TAS		44.4	0.69	a_e mb	5.7
CLZ	80.29		S	21:17:29.582		270.1		11.01		TAS				m_e	
CLZ	80.29		P	21:07:39.513	0.0	269.0		5.38		TAS		84.8	0.75	a_e mb	5.8
CLZ	80.29		pP	21:08:23.325						T__				m_e	
FBE	82.15		P	21:07:49.363	-0.1	269.0		5.38		TAS		56.4	0.71	a_e mb	5.8
FLT1	80.84		S	21:17:32.815		270.1		11.01		TAS				m_e	
FLT1	80.84		P	21:07:41.763	-0.7	269.0		5.38		TAS		75.3	0.75	a_e mb	5.8
FUR	80.80		P	21:07:42.516	0.4	269.0		5.38		TAS		83.1	1.56	m_e mb	5.5
FUR	80.80		pP	21:08:26.210						T__				m_e	
GEC2	82.41		S	21:17:54.388		270.1		11.01		TAS				m_e	

GEC2	82.41	P	21:07:50.513	-0.3	269.0	5.38	TAS	56.5	0.76	a_e	mb	5.8
GRA1	80.78	S	21:17:33.761		270.1	11.01	TAS			m_e		
GRA1	80.78	P	21:07:41.384	-0.7	269.0	5.38	TAS	27.3	0.90	m_e	mb	5.3
GRA1	80.78	pP	21:08:25.641				T__			m_e		
GRA1	80.78	PKKP	21:26:17.992		119.7	1.25	TAS			m_e		
GRA1	80.78	PKPPKP	21:34:21.761		123.9	0.93	TAS			m_e		
GRA1	80.78	X1	21:37:35.214	1.6	109.1	2.21	TAS			m_e		
GRA1	80.78	X2	21:38:47.346	1.6	112.2	2.79	TAS			m_e		
GTTG	80.03	S	21:17:27.894		270.1	11.01	TAS			m_e		
GTTG	80.03	P	21:07:38.063	0.0	269.0	5.38	TAS	75.9	0.86	a_e	mb	5.6
GUNZ	81.50	P	21:07:46.097	0.1	269.0	5.38	TAS	26.7	0.84	m_e	mb	5.4
GUNZ	81.50	pP	21:08:28.904				T__			m_e		
HLG	78.92	P	21:07:31.765	-0.2	269.0	5.38	TAS	292.2	1.31	m_e	mb	6.1
IBBN	78.70	S	21:17:11.729	-0.3	270.1	11.01	TAS			m_e		
IBBN	78.70	P	21:07:30.713	-0.2	269.0	5.38	TAS	90.3	0.67	a_e	mb	5.9
KAST	79.04	P	21:07:32.463	-0.3	269.0	5.38	TAS	39.5	0.88	a_e	mb	5.5
KAST	79.04	pP	21:08:15.718				T__			m_e		
MANZ	81.36	S	21:17:43.394		270.1	11.01	TAS			m_e		
MANZ	81.36	P	21:07:45.345	0.1	269.0	5.38	TAS	52.9	0.79	m_e	mb	5.6
NEUB	81.15	S	21:17:39.060		270.1	11.01	TAS			m_e		
NEUB	81.15	P	21:07:43.963	-0.2	269.0	5.38	TAS	53.6	0.77	a_e	mb	5.6
NRDL	80.15	P	21:07:39.404	0.7	269.0	5.38	TAS	45.5	0.82	m_e	mb	5.4
PLN	81.39	P	21:07:45.213	-0.2	269.0	5.38	TAS	49.9	0.83	a_e	mb	5.6
PLN	81.39	pP	21:08:28.619				T__			m_e		
RGN	82.11	S	21:17:51.171		270.1	11.01	TAS			m_e		
RJOB	81.82	S	21:17:45.854		270.1	11.01	TAS			m_e		
RJOB	81.82	P	21:07:47.363	-0.3	269.0	5.38	TAS	189.2	0.71	a_e	mb	6.3
ROTZ	81.42	P	21:07:46.194	0.6	269.0	5.38	TAS	23.8	1.06	m_e	mb	5.2
RUE	82.40	S	21:17:53.821		270.1	11.01	TAS			m_e		
RUE	82.40	P	21:07:50.163	-0.6	269.0	5.38	TAS	88.0	0.69	a_e	mb	6.0
SKMB	79.86	P	21:07:36.575	-0.5	269.0	5.38	TAS	3365.1	3.59	m_e	mb	6.7
SKMB	79.86	pP	21:08:20.573				T__			m_e		
STU	79.43	P	21:07:34.613	-0.2	269.0	5.38	TAS	111.0	0.81	a_e	mb	5.9
STU	79.43	pP	21:08:18.363				T__			m_e		
TANN	81.59	S	21:17:47.008		270.1	11.01	TAS			m_e		
TANN	81.59	P	21:07:46.463	0.0	269.0	5.38	TAS	63.9	0.88	a_e	mb	5.8
TNS	79.01	S	21:17:15.893	1.7	270.1	11.01	TAS			m_e		
TNS	79.01	P	21:07:32.713	0.1	269.0	5.38	TAS	91.6	0.88	a_e	mb	5.8
UBBA	80.03	S	21:17:27.880		270.1	11.01	TAS			m_e		
UBBA	80.03	P	21:07:38.263	0.2	269.0	5.38	TAS	22.2	1.19	a_e	mb	5.0
UBBA	80.03	pP	21:08:22.207				T__			m_e		
UBR	80.01	S	21:17:29.408		270.1	11.01	TAS			m_e		
UBR	80.01	P	21:07:38.838	1.0	269.0	5.38	TAS	36.1	0.94	m_e	mb	5.3
UBR	80.01	pP	21:08:22.329				T__			m_e		
WERD	81.49	P	21:07:45.613	-0.3	269.0	5.38	TAS	25.1	0.76	a_e	mb	5.3
WERN	81.53	P	21:07:46.477	0.3	269.0	5.38	TAS	46.0	0.89	m_e	mb	5.6
WET	81.86	S	21:17:49.070		270.1	11.01	TAS			m_e		
WET	81.86	P	21:07:48.063	0.1	269.0	5.38	TAS	45.7	0.94	a_e	mb	5.6
WET	81.86	pP	21:08:32.332				T__			m_e		

WLF 77.49 P 21:07:24.513 0.1 269.0 5.38 TAS 135.0 0.93 m_e mb 6.1

Event 50311006 Costa Rica

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/11	16:23:55.15			10.2670	-85.5760				33.0					86.62	86.62	m i ke	BGR
OrigID 50311012																	

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 50311012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	86.62		P	16:36:44.292		275.4		5.39		TAS		23.7	1.80	m_e mb	5.0

Event 50312001 Dodecanese Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/12	00:39:22.40			35.4400	27.8200				10.0					18.71	18.71	m i ke	EMSC
OrigID 50312033																	

Magnitude Err Nsta Author OrigID
mb 4.1 BGR 50312007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	18.71		P	00:43:40.493		133.3		12.24		TAS		13.1	1.12	m_e mb	4.1

Event 50312004 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/12	11:02:43.82			37.3870	141.7760				42.8					82.91	82.91	m i ke	BGR
OrigID 50312010																	

Magnitude Err Nsta Author OrigID
mb 5.5 BGR 50312010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.91		P	11:15:00.715		42.3		4.59		TAS		31.8	1.01	m_e mb	5.5
GRA1	82.91		pP	11:15:13.107						T__				m_e	

Event 50312011 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/12	15:23:22.29			7.1840	-39.8210				33.0					60.02	60.02	m i ke	BGR
OrigID 50312017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50312017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	60.02		P	15:33:26.503		241.9		6.86		TAS		20.5	1.03	m_e mb	5.1

Event 50312013 South of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/12	19:47:21.89			53.4500	-162.8400				33.0				34	72.32	79.12	m i ke	BGR
OrigID 50312019																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	50312019
Ms	4.4		BGR	50312019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.04		P	19:59:06.103	0.1	356.5		5.71		TAS		120.1	1.80	m_e mb	5.6
ASSE	74.65		P	19:58:57.953	-0.3	356.5		5.71		TAS		68.6	1.27	a_e mb	5.5
BFO	78.32		P	19:59:18.653	-0.2	356.5		5.71		TAS		129.1	1.90	a_e mb	5.7
BRG	76.02		P	19:59:05.653	0.0	356.5		5.71		TAS		69.0	1.32	a_e mb	5.5
BSEG	72.83		P	19:58:47.603	0.1	356.5		5.71		TAS		91.9	1.40	a_e mb	5.7
BUG	75.15		P	19:59:00.553	0.1	356.5		5.71		TAS		113.3	1.40	a_e mb	5.7
CLL	75.56		P	19:59:02.803	-0.1	356.5		5.71		TAS		67.7	1.27	a_e mb	5.5
CLZ	74.93		P	19:58:59.953	0.2	356.5		5.71		TAS		112.6	1.33	a_e mb	5.7
FBE	75.95		P	19:59:05.653	0.2	356.5		5.71		TAS		105.6	1.18	a_e mb	5.8
FLT1	74.48		P	19:58:56.403	0.3	356.5		5.71		TAS		74.8	1.25	a_e mb	5.6
FUR	78.64		P	19:59:20.703	-0.2	356.5		5.71		TAS		182.5	1.62	a_e mb	6.0
GEC2	78.04		P	19:59:17.353	-0.1	356.5		5.71		TAS		74.6	1.56	a_e mb	5.6
GRA1	77.11		P	19:59:12.403	-0.3	356.5		5.71		TAS		119.3	1.55	a_e mb	5.8
GRA1	77.11		L	20:26:52.964						T__		218.3	22.00	a_e Ms	4.4
GTTG	75.20		P	19:59:01.353	-0.4	356.5		5.71		TAS		111.6	1.26	a_e mb	5.7
IBBN	74.32		P	19:58:56.203	-0.6	356.5		5.71		TAS		133.3	1.33	a_e mb	5.9
KAST	75.46		P	19:59:02.753	-0.1	356.5		5.71		TAS		72.8	1.51	a_e mb	5.5
MANZ	76.85		P	19:59:10.703	0.3	356.5		5.71		TAS		54.4	1.40	a_e mb	5.5
MOX	76.17		P	19:59:06.753	-0.0	356.5		5.71		TAS		95.6	1.40	a_e mb	5.6
NEUB	75.63		P	19:59:03.553	0.2	356.5		5.71		TAS		147.3	1.38	a_e mb	5.8
NRDL	74.26		P	19:58:55.703	-0.0	356.5		5.71		TAS		76.3	1.23	a_e mb	5.7

PLN	76.35	P	19:59:07.803	0.2	356.5	5.71	TAS	42.5	1.39	a_e	mb	5.3
RGN	72.32	P	19:58:44.703	-0.1	356.5	5.71	TAS	207.0	1.31	a_e	mb	6.1
RJOB	79.12	P	19:59:23.303		356.5	5.71	TAS	170.0	0.97	a_e	mb	6.1
ROTZ	77.07	P	19:59:12.103	0.3	356.5	5.71	TAS	78.1	1.36	a_e	mb	5.7
RUE	74.41	P	19:58:56.553	-0.1	356.5	5.71	TAS	149.2	1.23	a_e	mb	5.9
STU	77.93	P	19:59:16.503	-0.3	356.5	5.71	TAS	34.2	0.87	a_e	mb	5.5
TANN	76.43	P	19:59:08.453	0.3	356.5	5.71	TAS	64.7	1.54	a_e	mb	5.5
TNS	76.44	P	19:59:08.303	0.4	356.5	5.71	TAS	78.6	1.53	a_e	mb	5.6
UBBA	75.93	P	19:59:05.303	-0.1	356.5	5.71	TAS	67.7	1.62	a_e	mb	5.4
UBR	79.07	P	19:59:23.053		356.5	5.71	TAS	36.6	1.21	a_e	mb	5.4
WERD	76.40	P	19:59:07.953	0.1	356.5	5.71	TAS	26.9	1.49	a_e	mb	5.2
WERN	76.56	P	19:59:09.203	0.1	356.5	5.71	TAS	68.5	1.33	a_e	mb	5.6
WET	77.72	P	19:59:15.853	0.0	356.5	5.71	TAS	70.1	1.44	a_e	mb	5.6
WLF	76.84	P	19:59:10.853	0.2	356.5	5.71	TAS	109.6	1.50	a_e	mb	5.8

Event 50312015 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/12	22:08:57.70			-22.4800	170.2300				16.0					148.20	148.20	m i ke	NEIC
OrigID 50312054																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	148.20		PKP	22:28:54.879		39.0		1.87		TAS					m_e

Event 50314005 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/14	15:36:14.74			35.0600	142.2400				33.0				29	81.94	87.35	m i ke	BGR
OrigID 50314011																	

Magnitude Err Nsta Author OrigID

mb	5.5		BGR	50314011
Ms	5.2		BGR	50314011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	86.04		P	15:48:52.642		38.2		5.04		TAS		29.6	1.07	a_e	mb	5.3
BFO	87.35		P	15:48:58.742		38.2		5.04		TAS		72.0	1.93	a_e	mb	5.5
BRG	83.09		P	15:48:37.605	0.1	38.2		5.04		TAS		23.4	1.32	m_e	mb	5.2
BSEG	82.12		P	15:48:32.792	-0.4	38.2		5.04		TAS		26.3	1.02	a_e	mb	5.3
BUG	85.23		P	15:48:48.342		38.2		5.04		TAS		39.3	1.06	a_e	mb	5.6
CLL	83.14		P	15:48:37.642	-0.1	38.2		5.04		TAS		40.1	1.28	a_e	mb	5.5

CLZ	83.75	P	15:48:41.492	0.1	38.2	5.04	TAS	43.9	1.17	a_e	mb	5.6
FBE	83.30	P	15:48:39.042	0.1	38.2	5.04	TAS	67.0	1.41	a_e	mb	5.7
FLT1	83.04	P	15:48:36.992	0.4	38.2	5.04	TAS	42.0	1.52	a_e	mb	5.4
GEC2	84.74	P	15:48:45.842	0.1	38.2	5.04	TAS	14.3	0.91	a_e	mb	5.2
GRA1	85.11	P	15:48:48.392		38.2	5.04	TAS	93.5	1.36	a_e	mb	5.8
GRA1	85.11	L	16:34:49.352				T__	1053.1	18.10	a_e	Ms	5.3
GTTG	84.14	P	15:48:43.192	0.2	38.2	5.04	TAS	42.2	1.13	a_e	mb	5.6
GUNZ	84.14	P	15:48:43.242	0.1	38.2	5.04	TAS	38.3	1.50	a_e	mb	5.4
KAST	85.00	P	15:48:47.442	-0.5	38.2	5.04	TAS	23.3	1.00	a_e	mb	5.4
MANZ	84.52	P	15:48:45.142	0.0	38.2	5.04	TAS	41.9	1.52	a_e	mb	5.4
MOX	84.21	P	15:48:43.492	0.4	38.2	5.04	TAS	41.8	1.45	m_e	mb	5.5
MOX	84.21	L	16:34:09.653				T__	723.5	18.80	a_e	Ms	5.1
NEUB	83.72	P	15:48:40.842	0.2	38.2	5.04	TAS	55.0	1.18	a_e	mb	5.7
PLN	84.12	P	15:48:43.092	-0.3	38.2	5.04	TAS	48.1	1.82	a_e	mb	5.4
RJOB	85.98	P	15:48:52.442		38.2	5.04	TAS	79.3	1.21	a_e	mb	5.7
ROTZ	84.65	P	15:48:45.992	0.1	38.2	5.04	TAS	59.4	1.37	a_e	mb	5.6
RUE	81.94	P	15:48:31.842	-0.2	38.2	5.04	TAS	50.2	1.24	a_e	mb	5.5
STU	86.66	P	15:48:55.442		38.2	5.04	TAS	52.8	1.48	a_e	mb	5.5
TANN	84.05	P	15:48:42.692	0.1	38.2	5.04	TAS	18.9	1.26	a_e	mb	5.2
TNS	85.78	P	15:48:51.342		38.2	5.04	TAS	48.5	1.58	a_e	mb	5.4
UBBA	84.71	P	15:48:45.971	-0.3	38.2	5.04	TAS	47.0	1.65	m_e	mb	5.5
WERD	84.09	P	15:48:42.742	0.3	38.2	5.04	TAS	16.6	1.33	a_e	mb	5.1
WERN	84.18	P	15:48:43.492	0.1	38.2	5.04	TAS	49.6	1.57	a_e	mb	5.5
WET	84.86	P	15:48:46.892	0.2	38.2	5.04	TAS	27.0	1.52	a_e	mb	5.3
WLF	87.10	P	15:48:58.092		38.2	5.04	TAS	42.4	1.34	a_e	mb	5.4

Event 50314006 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/14	20:21:39.25			-19.0900	-175.8300				262.4	0.2		26		145.84	151.07	m i ke	BGR
	50314012																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.64		pPKPbc	20:41:54.550						T__				m_e	
BFO	150.64		PKPbc	20:40:59.553		12.2		2.65		TAS				m_e	
BRG	147.35		PKPbc	20:40:51.265	0.4	12.2		2.65		TAS				m_e	
CLL	147.10		PKPbc	20:40:50.224	0.3	12.2		2.65		TAS				m_e	
CLZ	146.96		PKPbc	20:40:50.179	0.2	12.2		2.65		TAS				m_e	
CLZ	146.96		pPKPbc	20:41:55.958						T__				m_e	
FBE	147.41		PKPbc	20:40:51.854	-0.0	12.2		2.65		TAS				m_e	
FLT1	146.37		PKPbc	20:40:47.914	0.2	12.2		2.65		TAS				m_e	
FUR	150.43		PKPbc	20:40:59.145		12.2		2.65		TAS				m_e	
GEC2	149.33		PKPbc	20:40:56.564		12.2		2.65		TAS				m_e	
GTTG	147.29		PKPbc	20:40:51.039	0.3	12.2		2.65		TAS				m_e	

GTTG	147.29	pPKPbc	20:41:56.893							T__							m_e
GUNZ	148.12	PKPbc	20:40:53.575	-0.4	12.2			2.65		TAS							m_e
MANZ	148.53	PKPbc	20:40:54.707		12.2			2.65		TAS							m_e
MOX	147.96	PKPbc	20:40:52.941	0.2	12.2			2.65		TAS							m_e
NEUB	147.41	PKPbc	20:40:51.265	0.4	12.2			2.65		TAS							m_e
PLN	148.03	PKPbc	20:40:53.122	-0.2	12.2			2.65		TAS							m_e
RJOB	150.57	PKPbc	20:40:59.371		12.2			2.65		TAS							m_e
ROTZ	148.72	PKPbc	20:40:55.160		12.2			2.65		TAS							m_e
RUE	145.84	PKPbc	20:40:46.284	-0.0	12.2			2.65		TAS							m_e
STU	150.11	PKPbc	20:40:58.511		12.2			2.65		TAS							m_e
TANN	148.05	PKPbc	20:40:53.303	-0.5	12.2			2.65		TAS							m_e
TNS	148.75	PKPbc	20:40:54.888		12.2			2.65		TAS							m_e
UBBA	148.00	PKPbc	20:40:52.941	0.0	12.2			2.65		TAS							m_e
UBR	151.07	PKPbc	20:41:00.594		12.2			2.65		TAS							m_e
WERD	148.05	PKPbc	20:40:53.258	-0.3	12.2			2.65		TAS							m_e
WERN	148.19	PKPbc	20:40:53.847		12.2			2.65		TAS							m_e
WLF	149.46	PKPbc	20:40:57.243		12.2			2.65		TAS							m_e

Event 50315003 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/15	02:16:57.46			-22.7550	-175.2770				33.0			24		148.58	154.32	m i ke	BGR
50315009																	

Magnitude Err Nsta Author OrigID
 Ms 4.9 BGR 50315009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	152.21		PKPbc	02:36:49.964	-0.2	13.1		2.32		TAS					m_e
AHRW	152.21		PKPab	02:36:58.869		13.2		4.28		TAS					m_e
ASSE	150.32		PKPbc	02:36:45.399	0.1	13.1		2.32		TAS					m_e
BFO	154.32		PKPbc	02:36:54.240		13.1		2.32		TAS					m_e
BFO	154.32		PKPab	02:37:07.558		13.2		4.28		TAS					m_e
BRG	151.03		PKPdf	02:36:41.862	0.2	13.3		1.47		TAS					m_e
BRG	151.03		PKPbc	02:36:47.009	0.1	13.1		2.32		TAS					m_e
BRG	151.03		PKPab	02:36:53.385	0.3	13.2		4.28		TAS					m_e
BSEG	148.58		PKPbc	02:36:40.926	0.1	13.1		2.32		TAS					m_e
BUG	151.30		PKPbc	02:36:47.543	-0.1	13.1		2.32		TAS					m_e
CLL	150.78		PKPbc	02:36:46.274	-0.3	13.1		2.32		TAS					m_e
CLL	150.78		PKPab	02:36:52.222	-0.2	13.2		4.28		TAS					m_e
CLZ	150.64		PKPdf	02:36:41.475	0.0	13.3		1.47		TAS					m_e
CLZ	150.64		PKPbc	02:36:46.344	0.1	13.1		2.32		TAS					m_e
FBE	151.09		PKPdf	02:36:42.218		13.3		1.47		TAS					m_e
FBE	151.09		PKPbc	02:36:47.410	0.0	13.1		2.32		TAS					m_e
FBE	151.09		PKPab	02:36:54.002	0.2	13.2		4.28		TAS					m_e
FLT1	150.05		PKPbc	02:36:44.301	0.0	13.1		2.32		TAS					m_e

FUR	154.11	PKPdf	02:36:46.334		13.3	1.47	TAS		m_e
FUR	154.11	PKPbc	02:36:53.739		13.1	2.32	TAS		m_e
FUR	154.11	PKPab	02:37:06.696		13.2	4.28	TAS		m_e
GEC2	153.00	PKPdf	02:36:44.694		13.3	1.47	TAS		m_e
GEC2	153.00	PKPbc	02:36:51.374		13.1	2.32	TAS		a_e
GEC2	153.00	PKPab	02:37:01.796		13.2	4.28	TAS		m_e
GRA1	152.63	PKPbc	02:36:50.749	-0.3	13.1	2.32	TAS		m_e
GRA1	152.63	PKPab	02:37:00.581		13.2	4.28	TAS		m_e
GRA1	152.63	L	03:33:38.752				T__	160.9 20.30	a_e Ms 4.8
GTTG	150.97	PKPbc	02:36:46.942	0.0	13.1	2.32	TAS		m_e
GUNZ	151.81	PKPdf	02:36:43.178		13.3	1.47	TAS		m_e
GUNZ	151.81	PKPbc	02:36:48.946	0.1	13.1	2.32	TAS		m_e
GUNZ	151.81	PKPab	02:36:56.914		13.2	4.28	TAS		m_e
IBBN	150.41	PKPdf	02:36:41.024	0.2	13.3	1.47	TAS		m_e
IBBN	150.41	PKPbc	02:36:45.671	0.3	13.1	2.32	TAS		m_e
IBBN	150.41	PKPab	02:36:51.591	0.1	13.2	4.28	TAS		m_e
KAST	151.46	PKPdf	02:36:42.660		13.3	1.47	TAS		m_e
KAST	151.46	PKPbc	02:36:48.156	0.1	13.1	2.32	TAS		m_e
KAST	151.46	PKPab	02:36:55.626	-0.4	13.2	4.28	TAS		m_e
MANZ	152.21	PKPdf	02:36:43.712		13.3	1.47	TAS		m_e
MANZ	152.21	PKPbc	02:36:49.814	-0.2	13.1	2.32	TAS		m_e
MANZ	152.21	PKPab	02:36:58.597		13.2	4.28	TAS		m_e
MOX	151.65	PKPdf	02:36:42.781		13.3	1.47	TAS		m_e
MOX	151.65	PKPbc	02:36:48.351	0.2	13.1	2.32	TAS		m_e
MOX	151.65	PKPab	02:36:55.910	0.1	13.2	4.28	TAS		m_e
MOX	151.65	L	03:28:54.735				T__	189.7 19.70	a_e Ms 4.9
NEUB	151.09	PKPbc	02:36:47.143	0.1	13.1	2.32	TAS		m_e
NEUB	151.09	PKPab	02:36:53.606	0.1	13.2	4.28	TAS		m_e
NRDL	150.02	PKPbc	02:36:44.538	-0.1	13.1	2.32	TAS		m_e
PLN	151.72	PKPdf	02:36:42.971		13.3	1.47	TAS		m_e
PLN	151.72	PKPbc	02:36:48.522	0.4	13.1	2.32	TAS		m_e
PLN	151.72	PKPab	02:36:56.326	0.0	13.2	4.28	TAS		m_e
RJOB	154.25	PKPab	02:37:07.633		13.2	4.28	TAS		m_e
ROTZ	152.40	PKPbc	02:36:50.113	0.4	13.1	2.32	TAS		m_e
ROTZ	152.40	PKPab	02:36:59.637		13.2	4.28	TAS		m_e
RUE	149.52	PKPbc	02:36:43.095	0.3	13.1	2.32	TAS		m_e
STU	153.80	PKPdf	02:36:46.255		13.3	1.47	TAS		m_e
STU	153.80	PKPbc	02:36:53.220		13.1	2.32	TAS		m_e
STU	153.80	PKPab	02:37:05.279		13.2	4.28	TAS		m_e
TANN	151.74	PKPdf	02:36:43.087		13.3	1.47	TAS		m_e
TANN	151.74	PKPbc	02:36:48.679	0.0	13.1	2.32	TAS		m_e
TANN	151.74	PKPab	02:36:56.633	-0.2	13.2	4.28	TAS		m_e
TNS	152.43	PKPbc	02:36:50.348	-0.1	13.1	2.32	TAS		m_e
TNS	152.43	PKPab	02:36:59.788		13.2	4.28	TAS		m_e
UBBA	151.69	PKPbc	02:36:48.364	0.0	13.1	2.32	TAS		m_e
UBBA	151.69	PKPab	02:36:56.171	-0.1	13.2	4.28	TAS		m_e
WERD	151.73	PKPdf	02:36:42.913		13.3	1.47	TAS		m_e
WERD	151.73	PKPbc	02:36:48.627	0.2	13.1	2.32	TAS		m_e
WERN	151.87	PKPdf	02:36:43.361		13.3	1.47	TAS		m_e

WERN	151.87	PKPbc	02:36:49.280	0.1	13.1	2.32	TAS	m_e
WERN	151.87	PKPab	02:36:57.304		13.2	4.28	TAS	m_e
WET	152.88	PKPdf	02:36:44.705		13.3	1.47	TAS	m_e
WET	152.88	PKPbc	02:36:51.016	-0.4	13.1	2.32	TAS	m_e
WET	152.88	PKPab	02:37:01.587		13.2	4.28	TAS	m_e
WLF	153.12	PKPbc	02:36:52.552		13.1	2.32	TAS	m_e
WLF	153.12	PKPab	02:37:03.301		13.2	4.28	TAS	m_e

Event 50315004 Mariana Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/15	04:47:20.60			18.7700	146.4800				50.0					101.18	101.18	m i ke	EMSC
OrigID 50315036																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	101.18		Pdiff	05:01:05.151		52.2		4.14		TAS					m_e
GRA1	101.18		PP	05:05:14.656		38.1		6.83		TAS					m_e

Event 50315006 Off coast of Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/15	16:25:37.27			13.1640	-92.8390				33.0					88.95	88.95	m i ke	BGR
OrigID 50315012																	

Magnitude Err Nsta Author OrigID
mb 5.3 BGR 50315012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	88.95		P	16:38:28.261		282.3		5.02		TAS		32.9	1.50	m_e mb	5.3

Event 50315007 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/15	22:47:25.21			-28.1830	-12.0830				33.0					80.25	80.25	m i ke	BGR
OrigID 50315013																	

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 50315013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	80.25		P	22:59:34.842		198.7		5.85		TAS		69.2	2.12	m_e	mb 5.2

Event 50316001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/16	00:28:02.50			-18.2500	-177.9300				613.0			24		143.82	149.57	m i ke	NEIC
OrigID 50316040																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.52		PKPbc	00:46:33.175	0.4	16.5		2.65		TAS				m_e	
BFO	149.57		PKPbc	00:46:43.587		16.5		2.65		TAS				m_e	
BRG	146.10		PKPbc	00:46:34.934	0.0	16.5		2.65		TAS				m_e	
BSEG	143.82		PKPbc	00:46:27.808	-0.5	16.5		2.65		TAS				m_e	
CLL	145.89		PKPbc	00:46:34.187	-0.2	16.5		2.65		TAS				m_e	
CLZ	145.85		PKPbc	00:46:34.339	0.1	16.5		2.65		TAS				m_e	
FBE	146.19		PKPbc	00:46:35.478	0.2	16.5		2.65		TAS				m_e	
FLT1	145.24		PKPbc	00:46:32.002	-0.1	16.5		2.65		TAS				m_e	
FUR	149.23		PKPbc	00:46:42.888		16.5		2.65		TAS				m_e	
GEC2	148.06		PKPbc	00:46:40.175		16.5		2.65		TAS				m_e	
GOR1	144.59		PKPbc	00:46:31.491	0.9	16.5		2.65		TAS				m_e	
GTTG	146.19		PKPbc	00:46:35.158	0.2	16.5		2.65		TAS				m_e	
GUNZ	146.93		PKPbc	00:46:37.233	-0.5	16.5		2.65		TAS				m_e	
IBBN	145.72		PKPbc	00:46:35.008	0.0	16.5		2.65		TAS				m_e	
KAST	146.74		PKPbc	00:46:36.496	0.3	16.5		2.65		TAS				m_e	
MANZ	147.33		PKPbc	00:46:38.363		16.5		2.65		TAS				m_e	
MOX	146.79		PKPbc	00:46:36.651	0.1	16.5		2.65		TAS				m_e	
NEUB	146.24		PKPbc	00:46:35.250	0.2	16.5		2.65		TAS				m_e	
PLN	146.84		PKPbc	00:46:36.973	0.1	16.5		2.65		TAS				m_e	
RJOB	149.31		PKPbc	00:46:42.911		16.5		2.65		TAS				m_e	
ROTZ	147.52		PKPbc	00:46:38.705		16.5		2.65		TAS				m_e	
RUE	144.63		PKPbc	00:46:30.353	0.2	16.5		2.65		TAS				m_e	
TANN	146.85		PKPbc	00:46:37.018	0.0	16.5		2.65		TAS				m_e	
WLF	148.49		PKPbc	00:46:41.590		16.5		2.65		TAS				m_e	

Event 50316002 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/16	03:00:06.70			-4.1100	152.0300				200.0			5		121.36	126.20	m i ke	EMSC
OrigID 50316034																	

2015/03/17 20:16:19.23
50317016

-18.5120 -177.7480

560.3 3.5

11

143.44 150.21 m i ke BGR

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	147.81		PKPdf	20:34:56.799	-0.1	18.2		1.59		TAS					m_e	
AHRW	147.81		PKPbc	20:34:59.779	-0.2	14.2		2.88		TAS					m_e	
AHRW	147.81		PKP	20:35:03.080						T__					m_e	
AHRW	147.81		pPKPbc	20:37:09.103		15.9		3.28		TAS					m_e	
ASSE	145.81		PKPdf	20:34:53.204	-0.1	18.2		1.59		TAS					m_e	
ASSE	145.81		PKPbc	20:34:54.234	0.1	14.2		2.88		TAS					a_e	
BFO	149.85		PKPdf	20:34:59.816		18.2		1.59		TAS					m_e	
BFO	149.85		PKPbc	20:35:05.165		14.2		2.88		TAS					m_e	
BFO	149.85		PKP	20:35:11.345						T__					m_e	
BRG	146.40		PKPdf	20:34:54.305	-0.1	18.2		1.59		TAS					m_e	
BRG	146.40		PKPbc	20:34:55.949	0.3	14.2		2.88		TAS					m_e	
BSEG	144.10		PKPbc	20:34:48.668	-0.6	14.2		2.88		TAS					m_e	
BUG	146.90		PKPdf	20:34:54.971	0.1	18.2		1.59		TAS					m_e	
BUG	146.90		PKPbc	20:34:57.295	0.1	14.2		2.88		TAS					m_e	
CLL	146.19		PKPdf	20:34:53.761	0.2	18.2		1.59		TAS					m_e	
CLL	146.19		PKPbc	20:34:55.317	0.6	14.2		2.88		TAS					m_e	
CLZ	146.13		PKPdf	20:34:54.075	0.0	18.2		1.59		TAS					m_e	
CLZ	146.13		PKPbc	20:34:55.384	0.5	14.2		2.88		TAS					a_e	
FBE	146.48		PKPdf	20:34:54.776	0.0	18.2		1.59		TAS					m_e	
FBE	146.48		PKPbc	20:34:56.622	0.0	14.2		2.88		TAS					m_e	
FLT1	145.52		PKPbc	20:34:52.834	0.3	14.2		2.88		TAS					a_e	
FUR	149.53		PKPdf	20:34:59.140		18.2		1.59		TAS					m_e	
FUR	149.53		PKPbc	20:35:04.365		14.2		2.88		TAS					m_e	
FUR	149.53		PKP	20:35:10.331						T__					m_e	
GEC2	148.35		PKPdf	20:34:57.098		18.2		1.59		TAS					m_e	
GEC2	148.35		PKPbc	20:35:01.504	-1.0	14.2		2.88		TAS					m_e	
GEC2	148.35		pPKPbc	20:37:10.421		15.9		3.28		TAS					m_e	
GRA1	148.07		PKPdf	20:34:57.280		18.2		1.59		TAS					m_e	
GRA1	148.07		PKPbc	20:35:01.034	-0.2	14.2		2.88		TAS					a_e	
GRA1	148.07		PKP	20:35:04.516						T__					m_e	
GRA1	148.07		pPKPbc	20:37:10.113		15.9		3.28		TAS					m_e	
GTTG	146.48		PKPdf	20:34:54.618	-0.6	18.2		1.59		TAS					m_e	
GTTG	146.48		PKPbc	20:34:56.538	0.2	14.2		2.88		TAS					m_e	
GUNZ	147.22		PKPdf	20:34:55.572	-0.3	18.2		1.59		TAS					m_e	
GUNZ	147.22		PKPbc	20:34:58.684	0.2	14.2		2.88		TAS					m_e	
GUNZ	147.22		PKP	20:35:00.958						T__					m_e	
GUNZ	147.22		pPKPbc	20:37:06.864		15.9		3.28		TAS					m_e	
HLG	144.13		PKPbc	20:34:48.634	-0.4	14.2		2.88		TAS					a_e	
IBBN	146.00		PKPdf	20:34:53.797	0.1	18.2		1.59		TAS					m_e	
IBBN	146.00		PKPbc	20:34:54.984	-0.0	14.2		2.88		TAS					a_e	
KAST	147.02		PKPdf	20:34:55.419	0.1	18.2		1.59		TAS					m_e	
KAST	147.02		PKPbc	20:34:57.684	0.2	14.2		2.88		TAS					a_e	
MANZ	147.62		PKPdf	20:34:56.325	-0.1	18.2		1.59		TAS					m_e	

MANZ	147.62	PKPbc	20:34:59.653	0.4	14.2	2.88	TAS	m_e
MANZ	147.62	pPKPbc	20:37:08.226		15.9	3.28	TAS	m_e
MOX	147.08	PKPdf	20:34:55.431	-0.1	18.2	1.59	TAS	m_e
MOX	147.08	PKPbc	20:34:57.884	0.3	14.2	2.88	TAS	m_e
MOX	147.08	PKP	20:34:59.909				T__	m_e
NEUB	146.53	PKPdf	20:34:54.583	0.3	18.2	1.59	TAS	m_e
NEUB	146.53	PKPbc	20:34:56.411	0.1	14.2	2.88	TAS	m_e
NRDL	145.53	PKPbc	20:34:53.184	0.4	14.2	2.88	TAS	a_e
PLN	147.13	PKPdf	20:34:55.443	-0.1	18.2	1.59	TAS	m_e
PLN	147.13	PKPbc	20:34:58.084	0.5	14.2	2.88	TAS	a_e
PLN	147.13	PKP	20:35:00.312				T__	m_e
RJOB	149.60	PKPdf	20:34:58.781		18.2	1.59	TAS	m_e
RJOB	149.60	PKPbc	20:35:04.284		14.2	2.88	TAS	a_e
RJOB	149.60	PKP	20:35:11.068				T__	m_e
ROTZ	147.81	PKPdf	20:34:56.564	-0.6	18.2	1.59	TAS	m_e
ROTZ	147.81	PKPbc	20:35:00.157	-0.1	14.2	2.88	TAS	m_e
ROTZ	147.81	pPKPbc	20:37:08.840		15.9	3.28	TAS	m_e
RUE	144.92	PKPbc	20:34:51.034	0.2	14.2	2.88	TAS	a_e
SKMB	143.44	PKPbc	20:34:46.434	-0.4	14.2	2.88	TAS	m_e
STU	149.30	PKPdf	20:34:59.275		18.2	1.59	TAS	m_e
STU	149.30	PKPbc	20:35:03.884	-0.8	14.2	2.88	TAS	a_e
STU	149.30	PKP	20:35:09.149				T__	m_e
TANN	147.14	PKPdf	20:34:55.655	0.3	18.2	1.59	TAS	m_e
TANN	147.14	PKPbc	20:34:58.234	0.5	14.2	2.88	TAS	a_e
TANN	147.14	PKP	20:35:00.520				T__	m_e
TANN	147.14	pPKPbc	20:37:06.574		15.9	3.28	TAS	m_e
TNS	147.98	PKPdf	20:34:56.910	0.1	18.2	1.59	TAS	m_e
TNS	147.98	PKPbc	20:35:00.662	0.5	14.2	2.88	TAS	m_e
TNS	147.98	PKP	20:35:03.779				T__	m_e
TNS	147.98	pPKPbc	20:37:09.411		15.9	3.28	TAS	m_e
UBBA	147.18	PKPdf	20:34:55.004	0.5	18.2	1.59	TAS	m_e
UBR	150.21	PKPdf	20:35:00.400		18.2	1.59	TAS	m_e
UBR	150.21	PKPbc	20:35:05.964		14.2	2.88	TAS	m_e
WERD	147.14	PKPdf	20:34:55.377	-0.1	18.2	1.59	TAS	m_e
WERD	147.14	PKPbc	20:34:58.263	0.3	14.2	2.88	TAS	m_e
WERD	147.14	pPKPbc	20:37:06.293		15.9	3.28	TAS	m_e
WERN	147.28	PKPdf	20:34:55.997	0.3	18.2	1.59	TAS	m_e
WERN	147.28	PKPbc	20:34:58.834	0.4	14.2	2.88	TAS	a_e
WERN	147.28	pPKPbc	20:37:07.610		15.9	3.28	TAS	m_e
WET	148.26	PKPdf	20:34:57.096		18.2	1.59	TAS	m_e
WET	148.26	PKPbc	20:35:01.209	-0.5	14.2	2.88	TAS	m_e
WET	148.26	PKP	20:35:05.150				T__	m_e
WET	148.26	pPKPbc	20:37:10.451		15.9	3.28	TAS	m_e
WLF	148.76	PKPdf	20:34:58.950		18.2	1.59	TAS	m_e
WLF	148.76	PKPbc	20:35:03.229	-0.5	14.2	2.88	TAS	m_e

Event 50317011 Northern Molucca Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/17	22:12:28.00			1.6600	126.4900				46.0				25	102.31	106.44	m i ke	NEIC
OrigID																	
50317110																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	104.22		Pdiff	22:26:28.909	-0.1					T__					m_e
BRG	102.74		Pdiff	22:26:22.460	-0.3					T__					m_e
BSEG	103.74		Pdiff	22:26:26.595	-0.2					T__					m_e
BUG	106.44		Pdiff	22:26:39.270						T__					m_e
CLL	103.16		Pdiff	22:26:23.899	-0.2					T__					m_e
CLZ	104.50		Pdiff	22:26:30.637	0.1					T__					m_e
FBE	103.08		Pdiff	22:26:24.095	-0.2					T__					m_e
FLT1	103.83		Pdiff	22:26:26.908	-0.0					T__					m_e
GEC2	103.54		Pdiff	22:26:25.962	-0.1					T__					m_e
GTTG	104.85		Pdiff	22:26:32.170						T__					m_e
GUNZ	103.88		Pdiff	22:26:27.562	-0.1					T__					m_e
IBBN	105.80		Pdiff	22:26:36.191						T__					m_e
KAST	105.88		Pdiff	22:26:36.657						T__					m_e
MANZ	104.15		Pdiff	22:26:29.132	0.3					T__					m_e
MOX	104.21		Pdiff	22:26:29.001	0.2					T__					m_e
NEUB	103.92		Pdiff	22:26:27.497	0.4					T__					m_e
NRDL	104.41		Pdiff	22:26:30.122	0.0					T__					m_e
PLN	103.94		Pdiff	22:26:27.693	-0.1					T__					m_e
ROTZ	104.16		Pdiff	22:26:29.328	0.3					T__					m_e
RUE	102.31		Pdiff	22:26:20.575	0.2					T__					m_e
TANN	103.79		Pdiff	22:26:27.039	0.1					T__					m_e
TNS	106.25		Pdiff	22:26:38.110						T__					m_e
WERD	103.87		Pdiff	22:26:27.301	-0.2					T__					m_e
WERN	103.88		Pdiff	22:26:27.628	-0.1					T__					m_e
WET	103.96		Pdiff	22:26:27.986	-0.1					T__					m_e

Event 50319001 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/19	01:33:52.58			38.8500	142.6000				33.0				35	78.77	84.17	m i ke	BGR
OrigID																	
50319007																	

Magnitude	Err	Nsta	Author	OrigID
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mb	5.1		BGR	50319007
Ms	4.2		BGR	50319007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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AHRW	82.79	P	01:46:13.500	-0.5	36.2	5.28	TAS	17.9	0.94	m_e	mb	5.3
ASSE	80.20	P	01:45:59.688	-0.1	36.2	5.28	TAS	8.5	0.96	m_e	mb	4.6
BFO	84.17	P	01:46:20.454		36.2	5.28	TAS	27.0	0.93	m_e	mb	5.5
BRG	79.96	P	01:45:58.423	0.4	36.2	5.28	TAS	16.4	1.21	m_e	mb	4.8
BSEG	78.86	P	01:45:52.844	-0.5	36.2	5.28	TAS	29.4	1.02	m_e	mb	5.3
BUG	81.97	P	01:46:09.015	0.3	36.2	5.28	TAS	11.2	0.94	m_e	mb	5.0
CLL	79.99	P	01:45:58.210	-0.2	36.2	5.28	TAS	22.8	0.93	m_e	mb	5.1
CLZ	80.54	P	01:46:01.924	-0.0	36.2	5.28	TAS	28.4	1.14	m_e	mb	5.2
FBE	80.16	P	01:45:59.747	0.2	36.2	5.28	TAS	38.2	1.35	m_e	mb	5.2
FLT1	79.83	P	01:45:57.356	-0.1	36.2	5.28	TAS	24.9	0.86	m_e	mb	5.2
FUR	83.18	P	01:46:15.782		36.2	5.28	TAS	48.0	1.02	m_e	mb	5.7
GEC2	81.66	P	01:46:07.297	0.0	36.2	5.28	TAS	12.9	1.23	m_e	mb	4.9
GRA1	81.96	P	01:46:09.609	0.3	36.2	5.28	TAS	23.3	0.83	m_e	mb	5.3
GRA1	81.96	L	02:39:40.507				T__	98.4	19.30	a_e	Ms	4.2
GTTG	80.93	P	01:46:03.860	-0.1	36.2	5.28	TAS	29.4	1.07	m_e	mb	5.2
GUNZ	81.00	P	01:46:04.059	-0.2	36.2	5.28	TAS	9.0	0.90	m_e	mb	4.8
IBBN	81.08	P	01:46:04.486	0.2	36.2	5.28	TAS	28.0	0.71	m_e	mb	5.4
KAST	81.77	P	01:46:08.128	0.1	36.2	5.28	TAS	14.6	1.17	m_e	mb	5.0
MANZ	81.38	P	01:46:06.108	0.1	36.2	5.28	TAS	9.2	0.81	m_e	mb	4.9
MILB	82.58	P	01:46:12.226	0.0	36.2	5.28	TAS	12.9	1.02	m_e	mb	5.1
MOX	81.04	P	01:46:04.187	-0.2	36.2	5.28	TAS	21.1	1.37	m_e	mb	5.0
MOX	81.04	L	02:38:10.758				T__	117.3	21.00	a_e	Ms	4.2
NEUB	80.54	P	01:46:01.369	0.1	36.2	5.28	TAS	26.3	1.01	m_e	mb	5.2
NRDL	80.11	P	01:45:59.277	-0.0	36.2	5.28	TAS	11.1	0.85	m_e	mb	4.8
PLN	80.96	P	01:46:03.803	0.1	36.2	5.28	TAS	6.8	1.09	m_e	mb	4.6
RJOB	82.91	P	01:46:14.348	-0.3	36.2	5.28	TAS	113.7	0.98	m_e	mb	6.1
ROTZ	81.52	P	01:46:07.049	-0.1	36.2	5.28	TAS	22.2	1.55	m_e	mb	5.1
RUE	78.77	P	01:45:52.068	-0.1	36.2	5.28	TAS	34.8	1.19	m_e	mb	5.3
STU	83.48	P	01:46:17.038		36.2	5.28	TAS	22.0	0.86	m_e	mb	5.4
TANN	80.90	P	01:46:03.504	0.2	36.2	5.28	TAS	14.4	1.50	m_e	mb	4.8
TNS	82.57	P	01:46:12.256	-0.1	36.2	5.28	TAS	9.0	0.86	m_e	mb	5.0
UBBA	81.51	P	01:46:06.498	0.5	36.2	5.28	TAS	19.4	1.78	m_e	mb	4.9
UBR	84.03	P	01:46:19.513		36.2	5.28	TAS	40.2	2.11	m_e	mb	5.3
WERD	80.94	P	01:46:03.632	0.1	36.2	5.28	TAS	6.8	1.27	m_e	mb	4.5
WERN	81.04	P	01:46:04.400	0.3	36.2	5.28	TAS	14.5	1.09	m_e	mb	4.9
WET	81.75	P	01:46:08.166	-0.1	36.2	5.28	TAS	16.8	1.19	m_e	mb	5.1
WLF	83.85	P	01:46:19.021		36.2	5.28	TAS	77.7	2.53	m_e	mb	5.5

Event 50319002 Near east coast of Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/19	03:15:32.26			54.2500	160.0000				29.1	0.8		20		70.65	75.30	m i ke	BGR
50319008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50319008

Ms 4.7 BGR 50319008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	70.95		P	03:26:48.262	0.3	18.8		5.93		TAS		36.4	1.89	m_e mb	5.2
BFO	75.03		P	03:27:12.043		18.8		5.93		TAS		45.9	2.24	m_e mb	5.1
BRG	71.46		P	03:26:51.085	0.4	18.8		5.93		TAS		10.2	1.28	m_e mb	4.8
BRG	71.46		pP	03:26:59.228		18.8		5.93		TAS				m_e	
CLL	71.25		P	03:26:49.577	-0.2	18.8		5.93		TAS		43.5	1.72	m_e mb	5.3
FLT1	70.65		P	03:26:45.987	0.3	18.8		5.93		TAS		44.4	2.24	m_e mb	5.2
FLT1	70.65		pP	03:26:54.070		18.8		5.93		TAS				m_e	
GEC2	73.42		P	03:27:02.238		18.8		5.93		TAS		20.6	1.83	m_e mb	5.0
GRA1	73.15		P	03:27:01.823		18.8		5.93		TAS		93.6	1.99	m_e mb	5.6
GRA1	73.15		L	04:02:35.732						T__		512.0	20.90	a_e Ms	4.8
GUNZ	72.29		P	03:26:56.454		18.8		5.93		TAS		61.4	2.39	m_e mb	5.3
GUNZ	72.29		pP	03:27:04.811		18.8		5.93		TAS				m_e	
KAST	72.26		P	03:26:56.080		18.8		5.93		TAS				m_e	
MANZ	72.69		P	03:26:58.825		18.8		5.93		TAS		23.7	2.16	m_e mb	4.9
MOX	72.17		P	03:26:55.636	-0.1	18.8		5.93		TAS		7.8	0.99	m_e mb	4.8
MOX	72.17		L	04:01:55.770						T__		403.7	21.40	a_e Ms	4.7
NEUB	71.62		P	03:26:51.917	-0.3	18.8		5.93		TAS		61.1	1.89	m_e mb	5.4
PLN	72.21		P	03:26:55.872	-0.3	18.8		5.93		TAS		15.7	1.50	m_e mb	4.9
PLN	72.21		pP	03:27:04.233		18.8		5.93		TAS				m_e	
ROTZ	72.88		P	03:27:00.053		18.8		5.93		TAS		21.4	1.80	m_e mb	5.0
TANN	72.21		P	03:26:55.995	-0.1	18.8		5.93		TAS		15.6	1.42	m_e mb	4.9
TANN	72.21		pP	03:27:04.338		18.8		5.93		TAS				m_e	
UBBA	72.33		P	03:26:56.196		18.8		5.93		TAS		34.4	2.09	m_e mb	5.1
UBBA	72.33		pP	03:27:04.711		18.8		5.93		TAS				m_e	
UBR	75.30		P	03:27:13.917		18.8		5.93		TAS		13.5	1.17	m_e mb	4.9
WERN	72.35		P	03:26:56.924		18.8		5.93		TAS		69.1	2.00	m_e mb	5.4
WET	73.32		P	03:27:01.983		18.8		5.93		TAS		27.2	1.84	m_e mb	5.1
WLF	74.15		P	03:27:06.890		18.8		5.93		TAS		23.6	1.61	m_e mb	5.0

Event 50319008 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/19	19:44:00.36			46.6060	151.8950				46.7					78.20	78.20	m i ke	BGR
	50319014																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50319014
Ms	4.2		BGR	50319014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.20		P	19:55:53.124		28.3		4.82		TAS		13.3	1.26	m_e mb	4.9
GRA1	78.20		pP	19:56:06.573		25.4		4.82		TAS				m_e	
GRA1	78.20		L	20:33:58.759						T__		115.2	21.20	a_e Ms	4.2

Event 50320001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/20	04:35:08.43			-17.5000	-178.5000				600.0			28		143.00	149.08	m i ke	BGR
OrigID 50320007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	144.70		PKPbc	04:52:56.978	0.5	16.2		2.80		TAS					m_e
BFO	148.75		PKPbc	04:53:07.590		16.2		2.80		TAS					m_e
BRG	145.25		PKPbc	04:52:58.747	0.1	16.2		2.80		TAS					m_e
BSEG	143.00		PKPbc	04:52:51.407	-0.0	16.2		2.80		TAS					m_e
CLL	145.05		PKPbc	04:52:57.774	0.3	16.2		2.80		TAS					m_e
CLZ	145.02		PKPbc	04:52:58.216	0.1	16.2		2.80		TAS					m_e
FBE	145.34		PKPbc	04:52:59.189	0.2	16.2		2.80		TAS					m_e
FLT1	144.41		PKPbc	04:52:55.563	0.0	16.2		2.80		TAS					m_e
FUR	148.39		PKPab	04:53:13.460		15.1		4.43		TAS					m_e
GEC2	147.20		PKPbc	04:53:04.141		16.2		2.80		TAS					m_e
GRA1	146.94		PKPbc	04:53:03.611		16.2		2.80		TAS					m_e
GRA1	146.94		PKPab	04:53:07.191		15.1		4.43		TAS					m_e
GTTG	145.37		PKPbc	04:52:59.366	0.3	16.2		2.80		TAS					m_e
GUNZ	146.08		PKPbc	04:53:01.223	-0.8	16.2		2.80		TAS					m_e
IBBN	144.92		PKPbc	04:52:57.686	-0.2	16.2		2.80		TAS					m_e
KAST	145.93		PKPbc	04:53:00.339	0.0	16.2		2.80		TAS					m_e
MANZ	146.49		PKPbc	04:53:02.284	-0.5	16.2		2.80		TAS					m_e
MILB	147.14		PKPbc	04:53:04.318		16.2		2.80		TAS					m_e
MILB	147.14		PKPab	04:53:07.673		15.1		4.43		TAS					m_e
MOX	145.96		PKPbc	04:53:00.604	0.5	16.2		2.80		TAS					m_e
NRDL	144.43		PKPbc	04:52:56.094	0.3	16.2		2.80		TAS					m_e
PLN	146.00		PKPbc	04:53:00.958	0.3	16.2		2.80		TAS					m_e
PLN	146.00		PKPab	04:53:02.651		15.1		4.43		TAS					m_e
RJOB	148.45		PKPbc	04:53:06.883		16.2		2.80		TAS					m_e
ROTZ	146.67		PKPbc	04:53:02.638		16.2		2.80		TAS					m_e
TANN	146.01		PKPbc	04:53:00.869	0.5	16.2		2.80		TAS					m_e
TANN	146.01		PKPab	04:53:02.734		15.1		4.43		TAS					m_e
TNS	146.88		PKPbc	04:53:03.699		16.2		2.80		TAS					m_e
TNS	146.88		PKPab	04:53:06.739		15.1		4.43		TAS					m_e
UBR	149.08		PKPbc	04:53:08.740		16.2		2.80		TAS					m_e
WERD	146.01		PKPbc	04:53:00.958	-0.1	16.2		2.80		TAS					m_e
WERN	146.14		PKPbc	04:53:01.665	-0.8	16.2		2.80		TAS					m_e
WERN	146.14		PKPab	04:53:04.025		15.1		4.43		TAS					m_e
WLF	147.70		PKPbc	04:53:06.087		16.2		2.80		TAS					m_e

Event 50320004 Virgin Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/20	12:18:57.100			19.0780	-64.4450				33.0					66.48	66.48	m i ke	BGR
OrigID 50320010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50320010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	66.48		P	12:29:58.135		265.4		6.56		TAS		8.1	1.15	m_e mb	4.8

Event 50320005 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/03/20	15:42:53.27			-4.9500	155.2200				33.0					35	122.98	128.37	m i ke	BGR
OrigID 50320011																		

Magnitude	Err	Nsta	Author	OrigID
Ms	5.5		BGR	50320011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	127.30		PKPdf	16:01:54.919		48.2		1.93		TAS				a_e	
ASSE	124.60		PKPdf	16:01:49.569	-0.0	48.2		1.93		TAS				a_e	
BFO	128.37		PKPdf	16:01:56.469		48.2		1.93		TAS				a_e	
BFO	128.37		PP	16:04:02.464		44.0		7.19		TAS				m_e	
BRG	123.97		PKPdf	16:01:48.269	0.0	48.2		1.93		TAS				a_e	
BSEG	123.44		PKPdf	16:01:47.419	-0.1	48.2		1.93		TAS				a_e	
BUG	126.54		PP	16:03:49.296		44.0		7.19		TAS				m_e	
CLL	124.12		PKPdf	16:01:48.523	0.1	48.2		1.93		TAS				m_e	
CLZ	124.93		PKPdf	16:01:50.469	0.2	48.2		1.93		TAS				a_e	
FBE	124.22		PKPdf	16:01:48.969	-0.1	48.2		1.93		TAS				a_e	
FLT1	124.21		PKPdf	16:01:48.903	-0.2	48.2		1.93		TAS				m_e	
FUR	127.08		PKPdf	16:01:54.219		48.2		1.93		TAS				a_e	
GEC2	125.42		PKPdf	16:01:51.019	-0.0	48.2		1.93		TAS				a_e	
GRA1	126.06		PKPdf	16:01:52.269	0.0	48.2		1.93		TAS				a_e	
GRA1	126.06		PP	16:03:46.804		44.0		7.19		TAS				m_e	
GRA1	126.06		L	17:00:36.723						T__		1093.0	20.70	a_e Ms	5.5
GTTG	125.32		PKPdf	16:01:51.119	-0.2	48.2		1.93		TAS				a_e	
GUNZ	125.08		PKPdf	16:01:50.569	0.1	48.2		1.93		TAS				a_e	
GUNZ	125.08		PP	16:03:39.284		44.0		7.19		TAS				m_e	
IBBN	125.69		PKPdf	16:01:51.769	-0.0	48.2		1.93		TAS				a_e	
KAST	126.24		PKPdf	16:01:52.819	0.0	48.2		1.93		TAS				a_e	
MANZ	125.44		PKPdf	16:01:51.219	-0.0	48.2		1.93		TAS				a_e	

MILB	126.85	PKPdf	16:01:53.869	0.5	48.2	1.93	TAS	a_e									
MOX	125.22	PKPdf	16:01:50.619	0.2	48.2	1.93	TAS	m_e									
MOX	125.22	PP	16:03:39.343		44.0	7.19	TAS	m_e									
MOX	125.22	L	17:00:10.283				T__			992.4	20.30	a_e	Ms			5.5	
NEUB	124.77	PKPdf	16:01:49.669	0.2	48.2	1.93	TAS	a_e									
NRDL	124.58	PKPdf	16:01:49.719	0.1	48.2	1.93	TAS	a_e									
PLN	125.08	PKPdf	16:01:50.369	0.0	48.2	1.93	TAS	a_e									
RJOB	126.60	PKPdf	16:01:53.140	-0.2	48.2	1.93	TAS	m_e									
ROTZ	125.54	PKPdf	16:01:51.269	-0.0	48.2	1.93	TAS	a_e									
RUE	122.98	PKPdf	16:01:46.369	-0.2	48.2	1.93	TAS	a_e									
SKMB	123.22	PKPdf	16:01:47.269	0.0	48.2	1.93	TAS	a_e									
STU	127.66	PKPdf	16:01:55.369		48.2	1.93	TAS	a_e									
TANN	124.98	PKPdf	16:01:50.269	-0.1	48.2	1.93	TAS	a_e									
TANN	124.98	PP	16:03:38.437		44.0	7.19	TAS	m_e									
TNS	126.94	PKPdf	16:01:54.119	-0.3	48.2	1.93	TAS	a_e									
UBBA	125.83	PKPdf	16:01:51.919	-0.0	48.2	1.93	TAS	a_e									
UBR	127.98	PKPdf	16:01:55.719		48.2	1.93	TAS	a_e									
WERN	125.11	PKPdf	16:01:50.619	-0.0	48.2	1.93	TAS	a_e									
WET	125.63	PKPdf	16:01:51.619	-0.1	48.2	1.93	TAS	a_e									
WLF	128.35	PKPdf	16:01:57.469		48.2	1.93	TAS	a_e									

Event 50320007 Guerrero, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/20	22:30:07.80			17.6890	-98.6030				52.0			27		85.11	90.70	m i ke	NEIC
OrigID 50320046																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50320013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	86.09		P	22:42:41.800	-0.1	296.3		4.63		TAS		103.1	1.17	m_e	mb	5.8
AHRW	86.09		sP	22:43:03.593	-0.1	296.6		4.65		TAS				m_e		
ASSE	87.49		P	22:42:48.600	0.4	296.3		4.63		TAS		36.1	1.23	a_e	mb	5.4
ASSE	87.49		sP	22:43:10.628	-0.3	296.6		4.65		TAS				m_e		
BFO	87.73		P	22:42:49.200	-0.4	296.3		4.63		TAS		9.7	1.04	a_e	mb	5.1
BRG	89.88		P	22:42:59.150	0.2	296.3		4.63		TAS		30.9	1.16	a_e	mb	5.4
BRG	89.88		sP	22:43:21.236		296.6		4.65		TAS				m_e		
BSEG	86.52		P	22:42:43.700	0.1	296.3		4.63		TAS		29.3	0.99	a_e	mb	5.4
BSEG	86.52		sP	22:43:05.661	0.1	296.6		4.65		TAS				m_e		
BUG	85.85		P	22:42:40.300	-0.4	296.3		4.63		TAS		122.6	1.62	a_e	mb	5.8
BUG	85.85		sP	22:43:02.224	-0.4	296.6		4.65		TAS				m_e		
CLL	89.15		P	22:42:55.500	-0.3	296.3		4.63		TAS		22.6	1.19	a_e	mb	5.3
CLL	89.15		sP	22:43:17.745	0.1	296.6		4.65		TAS				m_e		
CLZ	87.45		P	22:42:48.500	0.5	296.3		4.63		TAS		30.1	1.22	a_e	mb	5.3
FBE	89.53		P	22:42:57.800	0.3	296.3		4.63		TAS		46.9	1.38	a_e	mb	5.5

FBE	89.53	sP	22:43:19.940		296.6	4.65	TAS			m_e	
FLT1	87.71	P	22:42:49.250	0.0	296.3	4.63	TAS	24.8	1.23	a_e mb	5.4
FUR	89.58	P	22:42:58.440	-0.1	296.3	4.63	TAS	21.8	0.94	m_e mb	5.4
FUR	89.58	sP	22:43:20.218		296.6	4.65	TAS			m_e	
GEC2	90.70	P	22:43:03.200		296.3	4.63	TAS	32.1	1.53	a_e mb	5.4
GEC2	90.70	sP	22:43:25.178		296.6	4.65	TAS			m_e	
GRA1	88.87	P	22:42:54.864	-0.5	296.3	4.63	TAS	35.1	1.22	m_e mb	5.5
GTTG	87.34	P	22:42:47.812	0.2	296.3	4.63	TAS	18.7	1.10	m_e mb	5.1
GUNZ	89.21	P	22:42:56.200	-0.1	296.3	4.63	TAS	33.2	1.37	a_e mb	5.4
GUNZ	89.21	sP	22:43:18.075		296.6	4.65	TAS			m_e	
HLG	85.11	P	22:42:36.950	-0.1	296.3	4.63	TAS	269.4	1.19	a_e mb	6.4
HLG	85.11	sP	22:42:59.114	0.1	296.6	4.65	TAS			m_e	
IBBN	85.79	P	22:42:40.150	-0.2	296.3	4.63	TAS	130.0	1.36	a_e mb	5.9
IBBN	85.79	sP	22:43:01.895	-0.4	296.6	4.65	TAS			m_e	
KAST	86.61	P	22:42:44.150	-0.1	296.3	4.63	TAS	47.1	1.32	a_e mb	5.5
KAST	86.61	sP	22:43:06.655	0.6	296.6	4.65	TAS			m_e	
MANZ	89.25	P	22:42:56.350	-0.0	296.3	4.63	TAS	18.8	1.28	a_e mb	5.2
MANZ	89.25	sP	22:43:18.220		296.6	4.65	TAS			m_e	
MILB	87.68	P	22:42:49.700	0.4	296.3	4.63	TAS	21.2	1.01	a_e mb	5.4
MOX	88.68	P	22:42:53.450	-0.3	296.3	4.63	TAS	21.5	1.23	a_e mb	5.2
NEUB	88.52	P	22:42:52.800	-0.2	296.3	4.63	TAS	37.7	1.31	a_e mb	5.5
NEUB	88.52	sP	22:43:14.991	0.1	296.6	4.65	TAS			m_e	
NRDL	87.02	P	22:42:46.150	0.1	296.3	4.63	TAS	33.2	1.29	a_e mb	5.3
NRDL	87.02	sP	22:43:08.111	0.1	296.6	4.65	TAS			m_e	
PLN	89.06	P	22:42:55.300	0.2	296.3	4.63	TAS	27.8	1.34	a_e mb	5.3
PLN	89.06	sP	22:43:17.184	-0.1	296.6	4.65	TAS			m_e	
RJOB	90.69	P	22:43:03.300	-0.0	296.3	4.63	TAS	129.6	1.53	a_e mb	6.0
RJOB	90.69	sP	22:43:25.246		296.6	4.65	TAS			m_e	
ROTZ	89.41	P	22:42:57.300	0.1	296.3	4.63	TAS	20.0	1.29	a_e mb	5.2
ROTZ	89.41	sP	22:43:19.212		296.6	4.65	TAS			m_e	
RUE	89.03	P	22:42:54.750	-0.2	296.3	4.63	TAS	16.3	0.62	a_e mb	5.4
RUE	89.03	sP	22:43:16.850	0.2	296.6	4.65	TAS			m_e	
SKMB	85.72	P	22:42:40.200	0.4	296.3	4.63	TAS	242.7	1.30	a_e mb	6.2
SKMB	85.72	sP	22:43:02.043	0.2	296.6	4.65	TAS			m_e	
STU	88.07	P	22:42:51.250	0.1	296.3	4.63	TAS	19.0	1.09	a_e mb	5.3
TANN	89.26	P	22:42:56.450	0.1	296.3	4.63	TAS	36.6	1.35	a_e mb	5.4
TANN	89.26	sP	22:43:18.557		296.6	4.65	TAS			m_e	
TNS	87.03	P	22:42:46.300	0.1	296.3	4.63	TAS	53.4	1.10	a_e mb	5.6
UBBA	87.68	P	22:42:49.750	0.6	296.3	4.63	TAS	8.3	1.21	a_e mb	4.9
UBR	89.09	P	22:42:56.085	-0.4	296.3	4.63	TAS	29.4	1.17	m_e mb	5.4
UBR	89.09	sP	22:43:17.663	0.1	296.6	4.65	TAS			m_e	
WERD	89.16	P	22:42:55.750	-0.1	296.3	4.63	TAS	21.2	1.39	a_e mb	5.2
WERD	89.16	sP	22:43:17.740	-0.0	296.6	4.65	TAS			m_e	
WERN	89.27	P	22:42:56.650	0.1	296.3	4.63	TAS	41.0	1.37	a_e mb	5.5
WERN	89.27	sP	22:43:18.698		296.6	4.65	TAS			m_e	
WET	90.09	P	22:43:00.600	0.1	296.3	4.63	TAS	34.3	1.35	a_e mb	5.4
WET	90.09	sP	22:43:22.457		296.6	4.65	TAS			m_e	
WLF	85.88	P	22:42:40.750	-0.3	296.3	4.63	TAS	121.8	1.28	a_e mb	5.9
WLF	85.88	sP	22:43:02.701	-0.1	296.6	4.65	TAS			m_e	

Event 50320008 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/20	23:11:34.33			-24.5300	-176.2800				33.0			17		150.22	155.97	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	155.97		PKPab	23:31:51.985		12.8		4.27		TAS				m_e	
BRG	152.54		PKPbc	23:31:27.384		11.6		2.16		TAS				m_e	
BSEG	150.22		PKPbc	23:31:22.008	0.3	11.6		2.16		TAS				m_e	
BSEG	150.22		PKPab	23:31:28.099	-0.4	12.8		4.27		TAS				m_e	
CLL	152.33		PKPbc	23:31:26.717		11.6		2.16		TAS				m_e	
CLL	152.33		PKPab	23:31:36.421		12.8		4.27		TAS				m_e	
CLZ	152.26		PKPbc	23:31:26.938		11.6		2.16		TAS				m_e	
FBE	152.62		PKPbc	23:31:27.827		11.6		2.16		TAS				m_e	
FLT1	151.66		PKPbc	23:31:25.100		11.6		2.16		TAS				m_e	
GRA1	154.21		PKPab	23:31:45.097		12.8		4.27		TAS				m_e	
GUNZ	153.36		PKPab	23:31:41.237		12.8		4.27		TAS				m_e	
IBBN	152.09		PKPab	23:31:35.616	-0.2	12.8		4.27		TAS				m_e	
MANZ	153.76		PKPbc	23:31:30.083		11.6		2.16		TAS				m_e	
MOX	153.22		PKPab	23:31:40.245		12.8		4.27		TAS				m_e	
NEUB	152.66		PKPbc	23:31:27.614		11.6		2.16		TAS				m_e	
RJOB	155.74		PKPab	23:31:52.347		12.8		4.27		TAS				m_e	
RUE	151.06		PKPbc	23:31:24.685	-0.2	11.6		2.16		TAS				m_e	
WERD	153.28		PKPab	23:31:40.897		12.8		4.27		TAS				m_e	
WERN	153.42		PKPab	23:31:41.727		12.8		4.27		TAS				m_e	

Event 50321001 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/21	11:10:22.01			50.6100	-174.3300				33.0			34		75.76	82.02	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50321007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.22		P	11:22:24.512	0.2	3.7		5.46		TAS		30.2	1.00	a_e mb	5.3
ASSE	77.55		P	11:22:15.312	-0.0	3.7		5.46		TAS		40.4	1.16	a_e mb	5.4
BFO	81.42		P	11:22:36.062		3.7		5.46		TAS		25.7	1.23	a_e mb	5.1

BRG	78.65	P	11:22:21.162	0.2	3.7	5.46	TAS	27.9	1.04	a_e	mb	5.2
BSEG	75.76	P	11:22:05.462	-0.5	3.7	5.46	TAS	54.7	1.20	a_e	mb	5.6
BUG	78.32	P	11:22:19.162	-0.0	3.7	5.46	TAS	65.7	1.49	a_e	mb	5.5
CLL	78.27	P	11:22:18.862	-0.1	3.7	5.46	TAS	26.7	1.05	m_e	mb	5.3
CLZ	77.85	P	11:22:17.312	0.0	3.7	5.46	TAS	77.3	1.27	a_e	mb	5.7
FBE	78.64	P	11:22:21.462	-0.1	3.7	5.46	TAS	41.7	1.24	a_e	mb	5.3
FLT1	77.33	P	11:22:13.612	-0.4	3.7	5.46	TAS	63.1	1.45	a_e	mb	5.5
GEC2	80.69	P	11:22:32.362		3.7	5.46	TAS	12.1	1.06	a_e	mb	4.9
GRA1	79.97	P	11:22:28.912	-0.3	3.7	5.46	TAS	59.9	1.20	a_e	mb	5.4
GTTG	78.16	P	11:22:18.862	0.2	3.7	5.46	TAS	76.0	1.18	a_e	mb	5.7
GUNZ	79.25	P	11:22:24.762	-0.1	3.7	5.46	TAS	27.6	1.33	a_e	mb	5.1
IBBN	77.44	P	11:22:14.762	-0.3	3.7	5.46	TAS	39.6	0.93	a_e	mb	5.5
KAST	78.54	P	11:22:20.712	0.1	3.7	5.46	TAS	16.7	1.03	a_e	mb	5.0
MANZ	79.63	P	11:22:26.479	0.2	3.7	5.46	TAS	11.4	1.16	m_e	mb	4.7
MILB	79.89	P	11:22:28.062	-0.3	3.7	5.46	TAS	31.6	1.03	a_e	mb	5.2
MOX	79.00	P	11:22:23.262	0.2	3.7	5.46	TAS	23.8	1.07	a_e	mb	5.1
NEUB	78.44	P	11:22:20.162	0.1	3.7	5.46	TAS	56.9	1.00	a_e	mb	5.7
NRDL	77.20	P	11:22:13.083	0.2	3.7	5.46	TAS	30.6	1.16	m_e	mb	5.3
PLN	79.13	P	11:22:24.012	0.2	3.7	5.46	TAS	21.5	1.18	a_e	mb	5.1
RJOB	81.84	P	11:22:38.612		3.7	5.46	TAS	46.8	1.17	a_e	mb	5.5
ROTZ	79.85	P	11:22:28.012	-0.0	3.7	5.46	TAS	9.9	1.09	a_e	mb	4.7
RUE	77.06	P	11:22:12.562	0.4	3.7	5.46	TAS	150.0	1.66	a_e	mb	5.9
STU	80.95	P	11:22:33.612		3.7	5.46	TAS	25.8	1.05	a_e	mb	5.2
TANN	79.19	P	11:22:24.462	-0.2	3.7	5.46	TAS	32.5	1.47	a_e	mb	5.1
TNS	79.52	P	11:22:26.062	0.5	3.7	5.46	TAS	27.3	0.99	a_e	mb	5.1
UBBA	78.88	P	11:22:22.562	0.1	3.7	5.46	TAS	24.8	1.49	a_e	mb	5.0
UBR	82.02	P	11:22:39.412		3.7	5.46	TAS	18.6	1.36	a_e	mb	5.0
WERD	79.16	P	11:22:24.062	0.0	3.7	5.46	TAS	11.9	1.25	a_e	mb	4.8
WERN	79.32	P	11:22:25.212	0.4	3.7	5.46	TAS	34.9	1.21	a_e	mb	5.3
WET	80.43	P	11:22:31.262	-0.3	3.7	5.46	TAS	14.6	1.29	a_e	mb	4.8
WLF	80.11	P	11:22:29.715	-0.1	3.7	5.46	TAS	15.1	0.92	m_e	mb	4.9

Event 50321002 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/21	13:13:22.80			-31.7900	-178.0700				10.0			7		158.38	159.95	m i ke	EMSC
	50321034																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	158.86		PKPab	13:33:54.559		24.7		4.53		TAS				m_e	
CLZ	159.03		PKPab	13:33:55.362		24.7		4.53		TAS				m_e	
FLT1	158.38		PKPab	13:33:52.441		24.7		4.53		TAS				m_e	
GTTG	159.39		PKPab	13:33:57.597		24.7		4.53		TAS				m_e	
IBBN	159.06		PKPab	13:33:56.015		24.7		4.53		TAS				m_e	

TANN	159.81	PKPab	13:33:58.199	24.7	4.53	TAS	m_e
WERN	159.95	PKPab	13:33:59.919	24.7	4.53	TAS	m_e

Event 50321003 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/21	16:16:38.74			-22.2800	-178.2300				386.0			37		147.10	153.79	m i ke	BGR
	50321009																

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	151.49		PKPbc	16:35:47.354	0.1	17.2		2.38		TAS				a_e	
ASSE	149.42		PKPbc	16:35:42.604	0.4	17.2		2.38		TAS				a_e	
BFO	153.48		PKPbc	16:35:51.604		17.2		2.38		TAS				a_e	
BFO	153.48		PKPab	16:36:05.492		16.2		4.19		TAS				m_e	
BRG	149.92		PKPbc	16:35:43.854	0.1	17.2		2.38		TAS				a_e	
BSEG	147.74		PKPbc	16:35:38.204	-0.1	17.2		2.38		TAS				a_e	
BUG	150.58		PKPbc	16:35:45.054	0.1	17.2		2.38		TAS				a_e	
CLL	149.74		PKPbc	16:35:43.204	0.5	17.2		2.38		TAS				m_e	
CLL	149.74		pPKPbc	16:37:16.720						T__				m_e	
CLZ	149.75		PKPbc	16:35:43.604	0.2	17.2		2.38		TAS				a_e	
FBE	150.01		PKPbc	16:35:44.354	-0.2	17.2		2.38		TAS				a_e	
FLT1	149.13		PKPbc	16:35:41.554	0.1	17.2		2.38		TAS				a_e	
FUR	153.08		PKPbc	16:35:50.704		17.2		2.38		TAS				a_e	
FUR	153.08		PKPab	16:36:04.139		16.2		4.19		TAS				m_e	
GEC2	151.84		PKPbc	16:35:48.154	-0.2	17.2		2.38		TAS				a_e	
GRA1	151.64		PKPbc	16:35:47.936	-0.0	17.2		2.38		TAS				m_e	
GTTG	150.10		PKPbc	16:35:44.254	0.2	17.2		2.38		TAS				a_e	
GTTG	150.10		PKPab	16:35:51.349		16.2		4.19		TAS				m_e	
GUNZ	150.77		PKPbc	16:35:45.954	0.2	17.2		2.38		TAS				a_e	
IBBN	149.67		PKPbc	16:35:43.204	0.1	17.2		2.38		TAS				a_e	
IBBN	149.67		PKPab	16:35:49.752		16.2		4.19		TAS				m_e	
KAST	150.67		PKPbc	16:35:45.504	0.0	17.2		2.38		TAS				a_e	
LNIZ	147.43		PKPbc	16:35:36.404	-0.2	17.2		2.38		TAS				a_e	
MANZ	151.17		PKPbc	16:35:46.854	-0.0	17.2		2.38		TAS				a_e	
MILB	151.87		PKPbc	16:35:48.204	-0.4	17.2		2.38		TAS				a_e	
MOX	150.66		PKPbc	16:35:45.504	0.2	17.2		2.38		TAS				a_e	
NEUB	150.10		PKPbc	16:35:44.154	0.1	17.2		2.38		TAS				m_e	
NRDL	149.16		PKPbc	16:35:41.854	0.0	17.2		2.38		TAS				a_e	
PLN	150.69		PKPbc	16:35:45.554	0.3	17.2		2.38		TAS				a_e	
RJOB	153.10		PKPab	16:36:04.742		16.2		4.19		TAS				m_e	
ROTZ	151.36		PKPbc	16:35:47.104	0.2	17.2		2.38		TAS				a_e	
RUE	148.47		PKPbc	16:35:40.054	0.1	17.2		2.38		TAS				a_e	
SKMB	147.10		PKPbc	16:35:36.854	-1.3	17.2		2.38		TAS				a_e	
STU	152.91		PKPbc	16:35:50.504	-0.6	17.2		2.38		TAS				a_e	

STU	152.91	PKPab	16:36:02.862		16.2	4.19	TAS	m_e
TANN	150.69	PKPbc	16:35:45.654	0.2	17.2	2.38	TAS	a_e
TNS	151.62	PKPbc	16:35:47.654	-0.2	17.2	2.38	TAS	a_e
UBBA	150.80	PKPbc	16:35:45.904	0.1	17.2	2.38	TAS	a_e
UBR	153.79	PKPbc	16:35:52.154		17.2	2.38	TAS	a_e
WERD	150.70	PKPbc	16:35:45.504	0.5	17.2	2.38	TAS	a_e
WERN	150.83	PKPbc	16:35:46.254	-0.1	17.2	2.38	TAS	a_e
WERN	150.83	PKPab	16:35:54.568		16.2	4.19	TAS	m_e
WET	151.78	PKPbc	16:35:48.204	0.2	17.2	2.38	TAS	a_e
WET	151.78	PKPab	16:35:58.588		16.2	4.19	TAS	m_e
WLF	152.45	PKPbc	16:35:50.004	-0.5	17.2	2.38	TAS	a_e
WLF	152.45	PKPab	16:36:01.439		16.2	4.19	TAS	m_e

Event 50321004 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/21	17:44:39.63			36.6700	71.6800				100.4	0.8		3		42.95	48.06	m i ke	BGR
OrigID 50321010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50321010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	47.32		P	17:53:04.211		84.4		7.92		TAS		12.0	0.93	m_e mb	5.0
BFO	46.88		P	17:53:00.474		84.4		7.92		TAS		10.5	1.18	m_e mb	4.8
BRG	42.95		P	17:52:29.363	0.2	84.4		7.92		TAS		15.6	0.99	m_e mb	4.7
BRG	42.95		pP	17:52:52.942		84.4		7.92		TAS				m_e	
BSEG	44.98		P	17:52:46.283	-0.2	84.4		7.92		TAS		13.3	0.74	m_e mb	5.0
CLL	43.51		P	17:52:33.811	-0.1	84.4		7.92		TAS		5.8	0.88	m_e mb	4.3
CLL	43.51		pP	17:52:57.191		84.4		7.92		TAS				m_e	
CLZ	45.10		P	17:52:47.243	-0.0	84.4		7.92		TAS		10.8	0.95	m_e mb	4.8
FBE	43.32		P	17:52:32.677	0.4	84.4		7.92		TAS		14.5	0.83	m_e mb	4.7
FBE	43.32		sP	17:53:08.229		83.8		8.19		TAS				m_e	
FLT1	44.53		P	17:52:41.748	0.1	84.4		7.92		TAS		18.3	0.89	m_e mb	5.0
FLT1	44.53		pP	17:53:05.363		84.4		7.92		TAS				m_e	
GEC2	43.28		P	17:52:32.241	-0.2	84.4		7.92		TAS				m_e	
GRA1	44.80		P	17:52:44.365	-0.1	84.4		7.92		TAS		11.5	1.02	m_e mb	4.8
GTTG	45.39		P	17:52:49.161		84.4		7.92		TAS		16.0	0.90	m_e mb	5.0
GTTG	45.39		pP	17:53:12.731		84.4		7.92		TAS				m_e	
GUNZ	44.01		P	17:52:38.085	-0.5	84.4		7.92		TAS		7.6	1.02	m_e mb	4.4
GUNZ	44.01		sP	17:53:13.936		83.8		8.19		TAS				m_e	
MANZ	44.19		P	17:52:40.004	1.0	84.4		7.92		TAS		9.5	1.06	m_e mb	4.5
MILB	46.02		P	17:52:53.958		84.4		7.92		TAS		8.1	0.88	m_e mb	4.8
MOX	44.44		P	17:52:41.138	0.3	84.4		7.92		TAS		8.9	0.99	m_e mb	4.5
NEUB	44.29		P	17:52:40.091	0.4	84.4		7.92		TAS		14.7	0.98	m_e mb	4.7
NRDL	45.21		P	17:52:47.853		84.4		7.92		TAS		8.9	0.99	m_e mb	4.7

Station	Mag	Type	Time	Lat	Lon	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
RJOB	44.01	P	17:52:37.823	-0.3	84.4	7.92			TAS	32.7	1.04	m_e	mb	5.0			
ROTZ	44.15	P	17:52:39.829	0.0	84.4	7.92			TAS	9.5	1.11	m_e	mb	4.4			
ROTZ	44.15	sP	17:53:15.049		83.8	8.19			TAS			m_e					
RUE	42.97	pP	17:52:52.956		84.4	7.92			TAS			m_e					
TANN	43.93	P	17:52:37.300	0.6	84.4	7.92			TAS	8.2	1.08	m_e	mb	4.4			
UBR	45.82	P	17:52:51.865		84.4	7.92			TAS	7.0	0.80	m_e	mb	4.7			
WERD	44.02	P	17:52:37.998	0.1	84.4	7.92			TAS	5.3	0.98	m_e	mb	4.2			
WLF	48.06	P	17:53:10.153		84.4	7.92			TAS	34.0	1.19	m_e	mb	5.4			

Event 50321005 Northern Algeria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/21	22:56:10.41	5.95	1.14	36.3080	5.4210	136.8	76.7	3	10.0				14	346	11.88	17.95	m i ke BGR
OrigID 50321011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50321011
Ms	3.9		BGR	50321011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	12.20		P	22:59:03.146	-0.1					T__				m_e	
BSEG	17.95		P	23:00:18.449	0.2					T__		46.7	1.22	m_e	mb 4.5
CLZ	15.93		P	22:59:51.091	-1.6					T__		39.2	1.48	m_e	mb 4.3
GEC2	13.92		P	22:59:24.850	-1.5					T__				m_e	
GRA1	14.03		L	23:05:42.936						T__		967.0	18.40	m_e	Ms 3.9
GUNZ	14.91		P	22:59:41.514	2.1					T__				m_e	
MANZ	14.51		P	22:59:32.677	-1.4					T__				m_e	
MOX	15.01		P	22:59:42.159	1.4					T__		27.4	1.26	m_e	
MOX	15.01		L	23:04:43.553						T__		701.8	20.90	a_e	Ms 3.8
NRDL	16.52		P	22:59:59.761	-0.5					T__		50.4	1.16	m_e	mb 4.5
PLN	14.98		P	22:59:41.816	1.4					T__				m_e	
ROTZ	14.33		P	22:59:30.653	-1.1					T__				m_e	
TANN	14.99		P	22:59:41.728	1.2					T__				m_e	
UBR	11.88		P	22:58:58.586	-0.3					T__				m_e	
WERN	14.85		P	22:59:38.763	0.1					T__				m_e	
WET	13.94		P	22:59:26.523	-0.0					T__				m_e	

Event 50322001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/22	05:46:26.15			-17.0860	-177.5100				616.0	10.4			36	142.06	148.85	m i ke BGR	
OrigID 50322007																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	146.42		PKPdf	06:04:55.360	0.2	18.6		1.56		TAS					m_e	
AHRW	146.42		PKPbc	06:04:58.484	0.2	15.3		2.79		TAS					m_e	
AHRW	146.42		PKPab	06:05:02.554		15.2		4.11		TAS					m_e	
AHRW	146.42		pPKPbc	06:07:17.583		11.6		2.36		TAS					m_e	
ASSE	144.44		PKPdf	06:04:51.429	0.1	18.6		1.56		TAS					m_e	
ASSE	144.44		PKPbc	06:04:52.494	-0.0	15.3		2.79		TAS					m_e	
BFO	148.47		PKPdf	06:04:57.575		18.6		1.56		TAS					m_e	
BFO	148.47		PKPbc	06:05:03.363	-0.5	15.3		2.79		TAS					m_e	
BFO	148.47		PKPab	06:05:10.349		15.2		4.11		TAS					m_e	
BFO	148.47		pPKPbc	06:07:23.116		11.6		2.36		TAS					m_e	
BRG	145.07		PKPdf	06:04:52.497	-0.3	18.6		1.56		TAS					m_e	
BRG	145.07		PKPbc	06:04:54.409	0.1	15.3		2.79		TAS					m_e	
BRG	145.07		pPKPbc	06:07:14.267	-0.1	11.6		2.36		TAS					m_e	
BSEG	142.72		PKPbc	06:04:47.122	-0.7	15.3		2.79		TAS					m_e	
BUG	145.51		PKPdf	06:04:53.307	0.2	18.6		1.56		TAS					m_e	
BUG	145.51		PKPbc	06:04:55.582	-0.2	15.3		2.79		TAS					m_e	
BUG	145.51		PKPab	06:04:57.928		15.2		4.11		TAS					m_e	
CLL	144.84		PKPdf	06:04:52.143	-0.5	18.6		1.56		TAS					m_e	
CLL	144.84		PKPbc	06:04:53.544	-0.1	15.3		2.79		TAS					m_e	
CLZ	144.76		PKPdf	06:04:52.221	-0.2	18.6		1.56		TAS					m_e	
CLZ	144.76		PKPbc	06:04:53.853	0.4	15.3		2.79		TAS					m_e	
FBE	145.14		PKPdf	06:04:52.519	0.1	18.6		1.56		TAS					m_e	
FBE	145.14		PKPbc	06:04:54.965	0.5	15.3		2.79		TAS					m_e	
FLT1	144.16		PKPbc	06:04:51.259	-0.5	15.3		2.79		TAS					m_e	
FUR	148.18		PKPdf	06:04:57.139		18.6		1.56		TAS					m_e	
FUR	148.18		PKPbc	06:05:02.622	-0.3	15.3		2.79		TAS					m_e	
FUR	148.18		PKPab	06:05:08.789		15.2		4.11		TAS					m_e	
GEC2	147.03		PKPdf	06:04:55.424	-0.1	18.6		1.56		TAS					m_e	
GEC2	147.03		PKPbc	06:04:59.534	-0.3	15.3		2.79		TAS					m_e	
GRA1	146.72		PKPdf	06:04:55.150	0.3	18.6		1.56		TAS					m_e	
GRA1	146.72		PKPbc	06:04:59.225	0.4	15.3		2.79		TAS					m_e	
GRA1	146.72		PKPab	06:05:03.301		15.2		4.11		TAS					m_e	
GTTG	145.11		PKPdf	06:04:52.526	0.2	18.6		1.56		TAS					m_e	
GTTG	145.11		PKPbc	06:04:54.718	0.3	15.3		2.79		TAS					m_e	
GTTG	145.11		PKPab	06:04:56.440	0.1	15.2		4.11		TAS					m_e	
GUNZ	145.87		PKPdf	06:04:53.994	0.3	18.6		1.56		TAS					m_e	
GUNZ	145.87		PKPbc	06:04:56.817	0.3	15.3		2.79		TAS					m_e	
GUNZ	145.87		pPKPbc	06:07:16.663		11.6		2.36		TAS					m_e	
IBBN	144.61		PKPdf	06:04:52.080	-0.0	18.6		1.56		TAS					m_e	
IBBN	144.61		PKPbc	06:04:53.297	0.1	15.3		2.79		TAS					m_e	
IBBN	144.61		pPKPbc	06:07:14.403	-0.0	11.6		2.36		TAS					m_e	
KAST	145.64		PKPdf	06:04:53.798	0.1	18.6		1.56		TAS					m_e	
KAST	145.64		PKPbc	06:04:55.891	-0.1	15.3		2.79		TAS					m_e	
MANZ	146.28		PKPdf	06:04:54.432	0.1	18.6		1.56		TAS					m_e	
MANZ	146.28		PKPbc	06:04:57.743	0.1	15.3		2.79		TAS					m_e	
MILB	146.88		PKPdf	06:04:55.637	-0.2	18.6		1.56		TAS					m_e	

MILB	146.88	PKPbc	06:04:59.534	0.2	15.3	2.79	TAS	m_e
MOX	145.73	PKPdf	06:04:53.699	-0.0	18.6	1.56	TAS	m_e
MOX	145.73	PKPbc	06:04:56.261	0.2	15.3	2.79	TAS	m_e
NEUB	145.17	PKPdf	06:04:52.150	-0.3	18.6	1.56	TAS	m_e
NEUB	145.17	PKPbc	06:04:54.718	0.2	15.3	2.79	TAS	m_e
NEUB	145.17	PKPab	06:04:56.647	-0.3	15.2	4.11	TAS	m_e
NEUB	145.17	pPKPbc	06:07:14.424	0.5	11.6	2.36	TAS	m_e
NRDL	144.16	PKPdf	06:04:50.887	0.1	18.6	1.56	TAS	m_e
NRDL	144.16	PKPbc	06:04:51.815	0.0	15.3	2.79	TAS	m_e
PLN	145.79	PKPdf	06:04:53.313	0.3	18.6	1.56	TAS	m_e
PLN	145.79	PKPbc	06:04:56.385	0.1	15.3	2.79	TAS	m_e
PLN	145.79	pPKPbc	06:07:16.269		11.6	2.36	TAS	m_e
RJOB	148.28	PKPdf	06:04:57.284		18.6	1.56	TAS	m_e
RJOB	148.28	PKPbc	06:05:02.437	-0.9	15.3	2.79	TAS	m_e
RJOB	148.28	PKPab	06:05:09.678		15.2	4.11	TAS	m_e
RJOB	148.28	pPKPbc	06:07:23.057		11.6	2.36	TAS	m_e
ROTZ	146.47	PKPdf	06:04:54.788	-0.0	18.6	1.56	TAS	m_e
ROTZ	146.47	PKPbc	06:04:58.237	0.1	15.3	2.79	TAS	m_e
RUE	143.58	PKPbc	06:04:49.592	-0.5	15.3	2.79	TAS	m_e
SKMB	142.06	PKPbc	06:04:45.395	-0.6	15.3	2.79	TAS	m_e
STU	147.93	PKPdf	06:04:57.131	-0.3	18.6	1.56	TAS	m_e
STU	147.93	PKPbc	06:05:02.190	-0.1	15.3	2.79	TAS	m_e
STU	147.93	PKPab	06:05:07.782		15.2	4.11	TAS	m_e
STU	147.93	pPKPbc	06:07:20.277		11.6	2.36	TAS	m_e
TANN	145.80	PKPdf	06:04:53.796	0.3	18.6	1.56	TAS	m_e
TANN	145.80	PKPbc	06:04:56.632	0.3	15.3	2.79	TAS	m_e
TANN	145.80	pPKPbc	06:07:16.582		11.6	2.36	TAS	m_e
TNS	146.60	PKPdf	06:04:55.276	-0.0	18.6	1.56	TAS	m_e
TNS	146.60	PKPbc	06:04:58.855	0.2	15.3	2.79	TAS	m_e
UBBA	145.81	PKPdf	06:04:53.735	0.2	18.6	1.56	TAS	m_e
UBBA	145.81	PKPbc	06:04:56.447	0.1	15.3	2.79	TAS	m_e
UBBA	145.81	PKPab	06:04:58.993		15.2	4.11	TAS	m_e
UBBA	145.81	pPKPbc	06:07:16.238		11.6	2.36	TAS	m_e
UBR	148.85	PKPdf	06:04:58.153		18.6	1.56	TAS	m_e
UBR	148.85	PKPbc	06:05:04.104	-0.7	15.3	2.79	TAS	m_e
UBR	148.85	PKPab	06:05:11.343		15.2	4.11	TAS	m_e
UBR	148.85	pPKPbc	06:07:23.725		11.6	2.36	TAS	m_e
WERD	145.80	PKPdf	06:04:53.719	0.1	18.6	1.56	TAS	m_e
WERD	145.80	PKPbc	06:04:56.632	0.3	15.3	2.79	TAS	m_e
WERD	145.80	pPKPbc	06:07:16.433		11.6	2.36	TAS	m_e
WERN	145.94	PKPdf	06:04:54.116	0.2	18.6	1.56	TAS	m_e
WERN	145.94	PKPbc	06:04:57.249	0.6	15.3	2.79	TAS	m_e
WERN	145.94	PKPab	06:04:59.337		15.2	4.11	TAS	m_e
WERN	145.94	pPKPbc	06:07:17.254		11.6	2.36	TAS	m_e
WET	146.93	PKPdf	06:04:55.271	0.1	18.6	1.56	TAS	m_e
WET	146.93	PKPbc	06:04:59.596	0.1	15.3	2.79	TAS	m_e
WET	146.93	PKPab	06:05:03.885		15.2	4.11	TAS	m_e
WLF	147.37	PKPdf	06:04:56.898	-0.4	18.6	1.56	TAS	m_e
WLF	147.37	PKPbc	06:05:01.510	0.5	15.3	2.79	TAS	m_e

WLF 147.37 pPKPbc 06:07:19.186 11.6 2.36 TAS m_e

Event 50322002 Fiji Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/03/22 12:21:18.62 -21.9700 -177.3000 33.0 22 148.37 153.66 m i ke BGR
50322008

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include stations like BRG, BUG, CLL, CLZ, FBE, FLT1, FUR, GEC2, GRA1, GTTG, GUNZ, MANZ, MOX, NEUB, NRDL, PLN, RJOB, RUE, STU, TANN, UBR, WERD.

Event 50322003 North Indian Ocean

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/03/22 18:12:24.50 1.1600 90.2500 33.0 33 80.29 85.29 m i ke BGR
50322009

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 50322009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.76		P	18:24:55.493		97.8		5.20		TAS		18.6	1.19	a_e mb	5.2
ASSE	82.68		P	18:24:45.193	-0.3	97.8		5.20		TAS		20.7	1.21	a_e mb	5.2
BFO	83.76		P	18:24:50.843	0.1	97.8		5.20		TAS		19.5	0.94	a_e mb	5.3
BRG	80.47		P	18:24:33.781	-0.1	97.8		5.20		TAS		20.0	1.42	m_e mb	4.8
BSEG	83.13		P	18:24:47.643	0.4	97.8		5.20		TAS		14.1	1.19	a_e mb	5.1
BUG	84.71		P	18:24:55.943		97.8		5.20		TAS		28.6	1.26	a_e mb	5.4
CLL	81.13		P	18:24:36.893	-0.3	97.8		5.20		TAS		26.2	1.17	a_e mb	5.1
CLZ	82.83		P	18:24:46.243	0.1	97.8		5.20		TAS		28.0	1.10	a_e mb	5.4
FBE	80.85		P	18:24:36.043	0.3	97.8		5.20		TAS		30.6	1.10	a_e mb	5.2
FLT1	82.37		P	18:24:42.893	-0.1	97.8		5.20		TAS		37.1	2.08	a_e mb	5.2
FUR	81.78		P	18:24:39.993	0.6	97.8		5.20		TAS		15.9	0.73	a_e mb	5.2
GEC2	80.29		P	18:24:32.593	-0.3	97.8		5.20		TAS		30.5	1.08	m_e mb	5.2
GRA1	82.02		P	18:24:42.443	-0.8	97.8		5.20		TAS		19.0	0.90	a_e mb	5.2
GTTG	83.05		P	18:24:47.343	0.4	97.8		5.20		TAS		20.2	1.03	a_e mb	5.3
GUNZ	81.40		P	18:24:38.400	0.0	97.8		5.20		TAS		11.9	1.09	m_e mb	4.8
IBBN	84.49		P	18:24:54.843	0.4	97.8		5.20		TAS		15.0	1.05	a_e mb	5.2
KAST	83.97		P	18:24:52.243	-0.6	97.8		5.20		TAS		8.2	1.01	a_e mb	4.9
LNIZ	80.78		P	18:24:35.140	-0.2	97.8		5.20		TAS		70.1	1.37	m_e mb	5.5
MANZ	81.49		P	18:24:39.693	0.0	97.8		5.20		TAS		24.4	1.08	a_e mb	5.2
MOX	81.90		P	18:24:41.493	-0.6	97.8		5.20		TAS		14.9	1.01	a_e mb	5.1
NEUB	81.88		P	18:24:41.043	0.3	97.8		5.20		TAS		29.1	1.09	a_e mb	5.3
NRDL	83.08		P	18:24:47.743	-1.1	97.8		5.20		TAS		18.4	1.11	a_e mb	5.2
PLN	81.53		P	18:24:39.343	-0.1	97.8		5.20		TAS		14.9	1.28	a_e mb	5.0
RJOB	80.71		P	18:24:35.793	0.8	97.8		5.20		TAS		33.1	0.98	a_e mb	5.3
ROTZ	81.39		P	18:24:39.043	0.6	97.8		5.20		TAS		10.6	1.00	a_e mb	4.8
RUE	80.85		P	18:24:35.543	-0.2	97.8		5.20		TAS		53.9	0.85	a_e mb	5.6
STU	83.23		P	18:24:48.011	-0.0	97.8		5.20		TAS		14.0	0.90	m_e mb	5.2
TNS	83.86		P	18:24:51.843	0.2	97.8		5.20		TAS		16.5	1.00	a_e mb	5.2
UBR	82.50		P	18:24:44.043	0.2	97.8		5.20		TAS		17.2	0.89	a_e mb	5.3
WERD	81.43		P	18:24:38.843	0.4	97.8		5.20		TAS		12.8	1.28	a_e mb	4.8
WERN	81.36		P	18:24:38.693	-0.3	97.8		5.20		TAS		10.9	1.09	a_e mb	4.8
WET	80.87		P	18:24:35.793	-0.1	97.8		5.20		TAS		24.7	1.05	a_e mb	5.2
WLF	85.29		P	18:24:59.293		97.8		5.20		TAS		28.1	1.47	a_e mb	5.3

Event 50322004 Northern Colombia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/22	22:27:35.70			6.8300	-73.0300				152.0			18		79.00	82.84	m i ke	EMSC
50322036																	

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 50322010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	82.84		P	22:39:42.992		270.1		5.22		TAS		4.4	0.80	m_e	mb 4.7
BSEG	80.60		P	22:39:31.131	0.4	270.1		5.22		TAS		10.5	0.84	m_e	mb 4.9
CLL	82.24		P	22:39:39.805		270.1		5.22		TAS		8.1	0.72	m_e	mb 5.0
CLZ	80.59		P	22:39:31.463	-0.2	270.1		5.22		TAS		10.7	0.77	m_e	mb 4.9
FBE	82.47		P	22:39:41.575		270.1		5.22		TAS		7.7	0.69	m_e	mb 4.9
FLT1	81.13		P	22:39:33.806		270.1		5.22		TAS		12.5	0.80	m_e	mb 5.0
GEC2	82.76		P	22:39:42.444		270.1		5.22		TAS		8.0	0.86	m_e	mb 5.0
GTTG	80.33		P	22:39:30.116	-0.1	270.1		5.22		TAS		9.2	0.70	m_e	mb 4.8
IBBN	79.00		P	22:39:22.639	0.1	270.1		5.22		TAS		13.2	0.77	m_e	mb 5.0
MOX	81.37		P	22:39:35.160		270.1		5.22		TAS		5.1	1.08	m_e	mb 4.5
NEUB	81.46		P	22:39:36.161		270.1		5.22		TAS		10.9	0.82	m_e	mb 4.9
NRDL	80.44		P	22:39:30.569	-0.2	270.1		5.22		TAS		5.6	0.74	m_e	mb 4.6
PLN	81.72		P	22:39:37.202		270.1		5.22		TAS		6.4	0.85	m_e	mb 4.8
RJOB	82.19		P	22:39:39.707		270.1		5.22		TAS		24.2	0.66	m_e	mb 5.5
TANN	81.91		P	22:39:38.473		270.1		5.22		TAS		7.7	0.90	m_e	mb 4.8
TNS	79.33		P	22:39:25.087	-0.3	270.1		5.22		TAS		12.4	0.96	m_e	mb 4.9
WERD	81.81		P	22:39:37.698		270.1		5.22		TAS		6.9	0.92	m_e	mb 4.8
WERN	81.86		P	22:39:38.957		270.1		5.22		TAS		9.9	1.13	m_e	mb 4.8
WET	82.21		P	22:39:39.951		270.1		5.22		TAS		9.3	1.38	m_e	mb 4.7

Event 50322005 Turkmenistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/22	22:45:21.40			40.3700	52.1600				10.0			29		28.41	33.36	m i ke	EMSC
OrigID 50322037																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50322011
Ms	3.9		BGR	50322011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	30.59		P	22:51:35.952	-0.2	92.3		8.97		TAS		11.1	0.99	m_e	mb 4.7
BFO	31.97		P	22:51:48.188		92.3		8.97		TAS		3.5	0.70	m_e	mb 4.4
BRG	28.42		P	22:51:16.479	0.0	92.3		8.97		TAS		24.4	0.98	m_e	mb 5.0
BSEG	31.03		P	22:51:39.788	-0.2	92.3		8.97		TAS		37.0	0.94	m_e	mb 5.3
BUG	32.65		P	22:51:54.146		92.3		8.97		TAS		14.2	0.78	m_e	mb 5.0
CLL	29.06		P	22:51:21.987	-0.7	92.3		8.97		TAS		15.7	1.05	m_e	mb 4.8
CLZ	30.75		P	22:51:36.837	0.1	92.3		8.97		TAS		16.0	0.63	m_e	mb 5.1
FBE	28.80		P	22:51:20.512	0.7	92.3		8.97		TAS		60.2	1.50	m_e	mb 5.2
FLT1	30.27		P	22:51:32.510	-0.0	92.3		8.97		TAS		23.6	0.70	m_e	mb 5.1
GEC2	28.41		P	22:51:15.594	-0.3	92.3		8.97		TAS		12.7	0.94	m_e	mb 4.7
GRA1	30.07		P	22:51:31.625	-0.4	92.3		8.97		TAS		16.8	1.16	m_e	mb 4.8
GRA1	30.07		L	23:04:58.594						T__		370.5	21.30	a_e	Ms 4.0
GTTG	30.98		P	22:51:39.296	-0.4	92.3		8.97		TAS		17.7	0.96	m_e	mb 5.0

GUNZ	29.39	P	22:51:24.937	-0.5	92.3	8.97	TAS	6.5	1.00	m_e	mb	4.4
IBBN	32.39	P	22:51:51.491		92.3	8.97	TAS	32.7	0.83	m_e	mb	5.3
KAST	31.92	P	22:51:48.049		92.3	8.97	TAS	6.5	1.11	m_e	mb	4.5
LNIZ	28.68	P	22:51:17.463	-0.2	92.3	8.97	TAS	31.7	0.80	m_e	mb	5.2
MOX	29.87	P	22:51:29.264	-0.2	92.3	8.97	TAS	24.1	0.92	m_e	mb	5.0
MOX	29.87	L	23:06:23.855				T__	181.8	18.60	a_e	Ms	3.7
NEUB	29.82	P	22:51:28.969	0.6	92.3	8.97	TAS	22.1	0.76	m_e	mb	5.1
PLN	29.51	P	22:51:26.412	0.0	92.3	8.97	TAS	11.0	0.94	m_e	mb	4.7
RJOB	28.99	P	22:51:21.102	-0.2	92.3	8.97	TAS	49.8	0.83	m_e	mb	5.4
ROTZ	29.43	P	22:51:25.232	0.2	92.3	8.97	TAS	7.8	1.07	m_e	mb	4.5
RUE	28.75	P	22:51:19.036	0.1	92.3	8.97	TAS	33.0	0.78	m_e	mb	5.2
SKMB	31.66	P	22:51:43.722		92.3	8.97	TAS	40.8	0.74	m_e	mb	5.4
STU	31.39	P	22:51:42.246	-0.4	92.3	8.97	TAS	44.9	1.00	m_e	mb	5.4
TANN	29.31	P	22:51:23.730	-0.6	92.3	8.97	TAS	9.8	0.97	m_e	mb	4.6
TNS	31.87	P	22:51:47.459		92.3	8.97	TAS	18.0	0.91	m_e	mb	5.0
WERD	29.41	P	22:51:24.839	-0.2	92.3	8.97	TAS	8.2	0.87	m_e	mb	4.6
WERN	29.36	P	22:51:24.249	-0.2	92.3	8.97	TAS	17.7	1.37	m_e	mb	4.7
WLF	33.36	P	22:52:00.146		92.3	8.97	TAS	30.7	1.57	m_e	mb	5.0

Event 50323002 Northern Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/23	04:51:38.20			-18.2530	-69.1140				132.0	0.6		37		94.56	100.58	m i ke	EMSC
	50323034																

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	50323008
MBB	6.9		BGR	50323008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	95.45		SKSac	05:15:15.865	1.1	248.8		5.36		TAS				m_e	
AHRW	95.45		S	05:15:52.515	0.8	252.7		9.55		TAS				m_e	
AHRW	95.45		P	05:04:48.679	-0.2	251.3		4.56		TAS		118.4	1.24	a_e	MBB 6.8
AHRW	95.45		pP	05:05:23.437	0.1	251.3		4.56		TAS				a_e	
ASSE	98.12		S	05:16:15.954		252.7		9.55		TAS				m_e	
ASSE	98.12		P	05:05:01.129		251.3		4.56		TAS		110.1	1.45	a_e	MBB 7.1
ASSE	98.12		pP	05:05:35.887	0.1	251.3		4.56		TAS				a_e	
BFO	95.39		SKSac	05:15:14.965	1.0	248.8		5.36		TAS				m_e	
BFO	95.39		P	05:04:47.679	-0.1	251.3		4.56		TAS		49.9	1.31	a_e	MBB 6.5
BFO	95.39		pP	05:05:22.587	-0.5	251.3		4.56		TAS				a_e	
BRG	99.68		SKSac	05:15:36.799		248.8		5.36		TAS				m_e	
BRG	99.68		S	05:16:32.308		252.7		9.55		TAS				m_e	
BRG	99.68		P	05:05:07.879		251.3		4.56		TAS		42.7	1.42	a_e	MBB 6.6
BRG	99.68		pP	05:05:42.637	-0.2	251.3		4.56		TAS				a_e	
BSEG	98.51		SKSac	05:15:31.847		248.8		5.36		TAS				m_e	
BSEG	98.51		P	05:05:02.129		251.3		4.56		TAS		69.0	1.26	m_e	MBB 6.9

BSEG	98.51	pP	05:05:36.887	0.0	251.3	4.56	TAS				a_e		
BUG	95.90	SKSac	05:15:15.415	-1.9	248.8	5.36	TAS				m_e		
BUG	95.90	P	05:04:50.379	-0.2	251.3	4.56	TAS	156.4	1.35		a_e	MBB	6.9
BUG	95.90	pP	05:05:25.137	-0.2	251.3	4.56	TAS				a_e		
CLL	99.24	SKSac	05:15:34.998		248.8	5.36	TAS				m_e		
CLL	99.24	P	05:05:05.729		251.3	4.56	TAS	59.5	1.36		a_e	MBB	6.9
CLL	99.24	pP	05:05:40.537	0.3	251.3	4.56	TAS				a_e		
CLZ	97.85	SKSac	05:15:29.146	-0.6	248.8	5.36	TAS				m_e		
CLZ	97.85	S	05:16:13.752		252.7	9.55	TAS				m_e		
CLZ	97.85	P	05:04:59.629		251.3	4.56	TAS	92.4	1.24		a_e	MBB	6.9
CLZ	97.85	pP	05:05:34.337	0.4	251.3	4.56	TAS				a_e		
FBE	99.33	SKSac	05:15:35.223		248.8	5.36	TAS				m_e		
FBE	99.33	S	05:16:30.106		252.7	9.55	TAS				m_e		
FBE	99.33	P	05:05:06.529		251.3	4.56	TAS	68.5	1.42		a_e	MBB	6.8
FBE	99.33	pP	05:05:41.337	0.1	251.3	4.56	TAS				a_e		
FBE	99.33	PP	05:09:05.915		250.0	6.87	TAS				m_e		
FLT1	98.51	SKSac	05:15:31.172		248.8	5.36	TAS				m_e		
FLT1	98.51	P	05:05:02.229		251.3	4.56	TAS	88.3	1.59		a_e	MBB	6.8
FLT1	98.51	pP	05:05:37.037	0.4	251.3	4.56	TAS				a_e		
FUR	97.18	P	05:04:56.379		251.3	4.56	TAS	92.0	1.15		a_e	MBB	7.0
FUR	97.18	pP	05:05:31.137	-0.1	251.3	4.56	TAS				a_e		
FUR	97.18	PP	05:08:49.463	0.3	250.0	6.87	TAS				m_e		
GEC2	98.93	SKSac	05:15:32.072		248.8	5.36	TAS				m_e		
GEC2	98.93	P	05:05:04.079		251.3	4.56	TAS	32.2	1.21		a_e	MBB	6.8
GEC2	98.93	pP	05:05:38.887	-0.0	251.3	4.56	TAS				a_e		
GRA1	97.65	P	05:04:58.629		251.3	4.56	TAS	80.5	1.23		a_e	MBB	7.0
GRA1	97.65	pP	05:05:33.437	0.1	251.3	4.56	TAS				a_e		
GRA1	97.65	PP	05:08:53.049		250.0	6.87	TAS				m_e		
GTTG	97.51	P	05:04:58.029	-0.9	251.3	4.56	TAS	73.8	1.16		a_e	MBB	7.0
GTTG	97.51	pP	05:05:32.787	0.1	251.3	4.56	TAS				a_e		
GUNZ	98.54	SKSac	05:15:31.172		248.8	5.36	TAS				m_e		
GUNZ	98.54	S	05:16:22.296		252.7	9.55	TAS				m_e		
GUNZ	98.54	P	05:05:03.029		251.3	4.56	TAS	45.2	1.43		a_e	MBB	6.8
GUNZ	98.54	pP	05:05:37.787	0.3	251.3	4.56	TAS				a_e		
GUNZ	98.54	PP	05:08:59.595		250.0	6.87	TAS				m_e		
HLG	97.25	P	05:04:56.579	-0.1	251.3	4.56	TAS	234.5	1.16		a_e	mb	6.7
IBBN	96.50	P	05:04:53.179	-0.4	251.3	4.56	TAS	136.2	1.24		a_e	MBB	7.0
IBBN	96.50	pP	05:05:27.987	-0.1	251.3	4.56	TAS				a_e		
KAST	96.48	SKSac	05:15:19.692	-0.4	248.8	5.36	TAS				m_e		
KAST	96.48	S	05:16:00.543	2.5	252.7	9.55	TAS				m_e		
KAST	96.48	P	05:04:52.929	-0.2	251.3	4.56	TAS	57.7	1.26		a_e	MBB	6.6
KAST	96.48	pP	05:05:27.637	-0.4	251.3	4.56	TAS				a_e		
LNIZ	100.58	P	05:05:11.029		251.3	4.56	TAS	70.0	1.30		a_e	MBB	6.8
LNIZ	100.58	pP	05:05:45.737		251.3	4.56	TAS				a_e		
MANZ	98.29	SKSac	05:15:30.496		248.8	5.36	TAS				m_e		
MANZ	98.29	S	05:16:16.583		252.7	9.55	TAS				m_e		
MANZ	98.29	P	05:05:01.729		251.3	4.56	TAS	79.4	1.28		a_e	MBB	6.9
MANZ	98.29	pP	05:05:36.487	0.3	251.3	4.56	TAS				a_e		
MOX	98.20	P	05:05:01.179		251.3	4.56	TAS	57.3	1.57		a_e	MBB	6.8

MOX	98.20	pP	05:05:35.937	0.1	251.3	4.56	TAS			m_e		
NEUB	98.47	P	05:05:02.429		251.3	4.56	TAS	61.8	1.26	a_e	MBB	7.0
NEUB	98.47	pP	05:05:37.287	0.1	251.3	4.56	TAS			a_e		
NRDL	97.91	SKSac	05:15:27.795	-0.7	248.8	5.36	TAS			m_e		
NRDL	97.91	P	05:05:00.129		251.3	4.56	TAS	66.3	1.25	a_e	MBB	7.0
NRDL	97.91	pP	05:05:34.937	-0.2	251.3	4.56	TAS			a_e		
PLN	98.48	P	05:05:02.429		251.3	4.56	TAS	38.5	1.25	a_e	MBB	6.9
PLN	98.48	pP	05:05:37.237	-0.1	251.3	4.56	TAS			a_e		
PLN	98.48	PP	05:08:58.290		250.0	6.87	TAS			m_e		
RJOB	98.01	SKSac	05:15:27.345	0.1	248.8	5.36	TAS			m_e		
RJOB	98.01	P	05:05:00.129		251.3	4.56	TAS	227.6	1.63	a_e	MBB	7.5
RJOB	98.01	pP	05:05:34.887	0.4	251.3	4.56	TAS			a_e		
ROTZ	98.28	SKSac	05:15:29.596		248.8	5.36	TAS			m_e		
ROTZ	98.28	P	05:05:01.579		251.3	4.56	TAS	58.8	1.38	a_e	MBB	6.9
ROTZ	98.28	pP	05:05:36.337	0.2	251.3	4.56	TAS			a_e		
ROTZ	98.28	PP	05:08:57.160		250.0	6.87	TAS			m_e		
RUE	100.04	P	05:05:09.179		251.3	4.56	TAS	33.9	0.61	m_e	MBB	6.8
RUE	100.04	pP	05:05:43.987	-1.0	251.3	4.56	TAS			a_e		
SKMB	98.29	P	05:05:01.829		251.3	4.56	TAS	123.0	0.77	a_e	mb	6.7
SKMB	98.29	pP	05:05:36.537	0.2	251.3	4.56	TAS			a_e		
STU	96.09	P	05:04:51.079	0.1	251.3	4.56	TAS	128.0	1.26	a_e	MBB	6.8
STU	96.09	pP	05:05:25.837	-0.4	251.3	4.56	TAS			a_e		
TANN	98.64	P	05:05:03.479		251.3	4.56	TAS	64.3	1.33	a_e	MBB	7.0
TANN	98.64	pP	05:05:38.237	-0.3	251.3	4.56	TAS			a_e		
TANN	98.64	PP	05:09:00.524		250.0	6.87	TAS			m_e		
TNS	96.15	P	05:04:51.679	-0.1	251.3	4.56	TAS	96.5	1.18	m_e	MBB	6.9
TNS	96.15	pP	05:05:26.437	-0.1	251.3	4.56	TAS			a_e		
TNS	96.15	PP	05:08:43.150	-0.8	250.0	6.87	TAS			m_e		
UBBA	97.29	SKSac	05:15:26.670	-0.2	248.8	5.36	TAS			m_e		
UBBA	97.29	P	05:04:57.079	0.3	251.3	4.56	TAS	66.4	1.53	a_e	MBB	6.7
UBBA	97.29	pP	05:05:31.787	0.1	251.3	4.56	TAS			a_e		
UBR	96.28	P	05:04:52.529	0.0	251.3	4.56	TAS	198.2	1.70	a_e	MBB	7.0
UBR	96.28	pP	05:05:27.287	0.1	251.3	4.56	TAS			a_e		
UBR	96.28	PP	05:08:44.610	-0.2	250.0	6.87	TAS			m_e		
WERD	98.55	SKSac	05:15:30.496		248.8	5.36	TAS			m_e		
WERD	98.55	S	05:16:24.131		252.7	9.55	TAS			m_e		
WERD	98.55	P	05:05:02.729		251.3	4.56	TAS	21.9	1.17	m_e	MBB	6.5
WERD	98.55	pP	05:05:37.487	0.4	251.3	4.56	TAS			a_e		
WERD	98.55	PP	05:08:59.643		250.0	6.87	TAS			m_e		
WERN	98.55	S	05:16:23.187		252.7	9.55	TAS			m_e		
WERN	98.55	P	05:05:02.929		251.3	4.56	TAS	42.4	1.16	a_e	MBB	6.8
WERN	98.55	pP	05:05:37.787	-0.4	251.3	4.56	TAS			a_e		
WET	98.50	SKSac	05:15:30.271		248.8	5.36	TAS			m_e		
WET	98.50	S	05:16:19.818		252.7	9.55	TAS			m_e		
WET	98.50	P	05:05:02.379		251.3	4.56	TAS	47.6	1.29	a_e	MBB	6.9
WET	98.50	pP	05:05:37.187	-0.2	251.3	4.56	TAS			a_e		
WET	98.50	PP	05:08:58.933		250.0	6.87	TAS			m_e		
WLF	94.56	SKSac	05:15:08.888	-1.0	248.8	5.36	TAS			m_e		
WLF	94.56	S	05:15:43.874	0.5	252.7	9.55	TAS			m_e		

WLF	94.56	P	05:04:44.679	0.2	251.3	4.56	TAS	264.5	1.51	a_e	MBB	6.8
WLF	94.56	pP	05:05:19.387	0.1	251.3	4.56	TAS			a_e		

Event 50323004 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/23	10:13:52.72			23.9320	121.5710				33.0			36		80.78	87.05	m i ke	BGR
50323010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	50323010
Ms	5.6		BGR	50323010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	86.07		P	10:26:29.193	-0.1	59.5		5.08		TAS		64.5	1.08	a_e	mb	5.7
ASSE	83.32		P	10:26:15.343	0.1	59.5		5.08		TAS		68.3	1.41	a_e	mb	5.7
BFO	86.59		P	10:26:31.443	-0.5	59.5		5.08		TAS		41.8	1.41	a_e	mb	5.4
BRG	82.15		P	10:26:09.243	-0.2	59.5		5.08		TAS		43.9	0.91	a_e	mb	5.6
BSEG	82.58		P	10:26:11.443	-0.0	59.5		5.08		TAS		52.6	0.95	a_e	mb	5.7
BUG	85.47		P	10:26:26.043	-0.2	59.5		5.08		TAS		162.5	1.10	a_e	mb	6.2
CLL	82.47		P	10:26:10.543	-0.4	59.5		5.08		TAS		86.8	0.99	a_e	mb	5.8
CLZ	83.62		P	10:26:17.243	0.4	59.5		5.08		TAS		133.6	0.95	a_e	mb	6.1
CLZ	83.62		PP	10:29:28.295						T__				m_e		
FBE	82.46		P	10:26:11.193	0.2	59.5		5.08		TAS		114.5	1.13	a_e	mb	5.9
FLT1	82.91		P	10:26:12.693	-0.5	59.5		5.08		TAS		78.7	1.24	a_e	mb	5.8
FUR	85.00		P	10:26:24.243	0.4	59.5		5.08		TAS		301.6	0.93	a_e	mb	6.5
GEC2	83.26		P	10:26:15.143	0.1	59.5		5.08		TAS		126.8	0.94	a_e	mb	6.1
GRA1	84.26		P	10:26:20.393	0.3	59.5		5.08		TAS		106.0	0.91	m_e	mb	6.1
GRA1	84.26		L	11:08:21.357						T__		2086.1	19.00	a_e	Ms	5.5
GTTG	83.99		P	10:26:18.893	0.2	59.5		5.08		TAS		107.7	0.78	a_e	mb	6.1
GUNZ	83.30		P	10:26:15.343	0.1	59.5		5.08		TAS		91.2	0.92	a_e	mb	6.0
IBBN	84.75		P	10:26:22.543	0.0	59.5		5.08		TAS		150.7	0.82	a_e	mb	6.3
KAST	85.00		P	10:26:23.893	0.1	59.5		5.08		TAS		66.1	1.23	a_e	mb	5.7
LNIZ	80.78		P	10:26:01.393	-0.9	59.5		5.08		TAS		197.7	1.04	a_e	mb	6.1
MANZ	83.61		P	10:26:17.043	0.2	59.5		5.08		TAS		61.7	1.04	a_e	mb	5.8
MOX	83.56		P	10:26:16.493	-0.0	59.5		5.08		TAS		63.1	0.97	a_e	mb	5.8
MOX	83.56		L	11:07:55.111						T__		3097.9	19.60	a_e	Ms	5.7
NEUB	83.20		P	10:26:14.543	-0.1	59.5		5.08		TAS		143.6	1.00	a_e	mb	6.2
NRDL	83.43		P	10:26:16.393	0.6	59.5		5.08		TAS		73.4	1.29	a_e	mb	5.8
PLN	83.34		P	10:26:15.393	-0.0	59.5		5.08		TAS		62.3	0.96	a_e	mb	5.8
RJOB	84.33		P	10:26:20.520	0.1	59.5		5.08		TAS		353.3	0.83	m_e	mb	6.6
ROTZ	83.67		P	10:26:17.443	0.4	59.5		5.08		TAS		113.6	1.07	a_e	mb	6.0
RUE	81.48		P	10:26:05.793	-0.2	59.5		5.08		TAS		142.0	0.84	a_e	mb	6.0
SKMB	82.62		P	10:26:12.093	0.5	59.5		5.08		TAS		176.9	0.77	a_e	mb	6.4
STU	85.87		P	10:26:27.893	-0.4	59.5		5.08		TAS		52.9	1.01	a_e	mb	5.6
TANN	83.20		P	10:26:14.743	0.0	59.5		5.08		TAS		55.9	1.14	a_e	mb	5.7

TNS	85.51	P	10:26:26.493	0.1	59.5	5.08	TAS	74.4	1.39	a_e	mb	5.6
UBBA	84.35	P	10:26:20.743	0.2	59.5	5.08	TAS	33.3	0.59	a_e	mb	5.8
UBR	85.92	P	10:26:28.193	-0.4	59.5	5.08	TAS	68.5	0.94	a_e	mb	5.8
WERD	83.27	P	10:26:14.943	-0.1	59.5	5.08	TAS	33.5	0.95	a_e	mb	5.5
WERN	83.31	P	10:26:15.443	0.1	59.5	5.08	TAS	94.8	1.02	m_e	mb	6.0
WET	83.59	P	10:26:17.043	0.3	59.5	5.08	TAS	55.5	1.07	a_e	mb	5.7
WLF	87.05	P	10:26:34.143	-0.1	59.5	5.08	TAS	224.2	1.06	a_e	mb	6.2

Event 50323009 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/23	20:18:08.90			52.1070	-169.2560				35.0			34		74.33	81.22	m i ke	NEIC
OrigID 50323048																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50323015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.68	P		20:30:00.310	-0.2	0.3		5.72		TAS		20.1	1.29	m_e	mb	5.1
ASSE	76.14	P		20:29:51.045	0.1	0.3		5.72		TAS		21.7	1.21	m_e	mb	5.2
BALST	80.90	P		20:30:17.657		0.3		5.72		TAS				m_e		
BFO	79.92	P		20:30:12.436		0.3		5.72		TAS		17.6	1.22	m_e	mb	4.9
BRG	77.36	P		20:29:58.071	0.1	0.3		5.72		TAS		19.4	1.17	m_e	mb	5.1
BSEG	74.33	P		20:29:40.872	-0.4	0.3		5.72		TAS		28.8	1.17	m_e	mb	5.2
BUG	76.79	P		20:29:54.474	0.2	0.3		5.72		TAS		15.8	0.94	m_e	mb	5.1
CLL	76.94	P		20:29:55.290	0.1	0.3		5.72		TAS		14.2	1.06	m_e	mb	5.0
CLZ	76.43	P		20:29:53.095	0.2	0.3		5.72		TAS		28.4	1.10	m_e	mb	5.3
FBE	77.32	P		20:29:57.648	0.0	0.3		5.72		TAS		23.8	1.11	m_e	mb	5.2
FLT1	75.94	P		20:29:49.542	-0.5	0.3		5.72		TAS		11.8	0.91	m_e	mb	5.0
FUR	80.11	P		20:30:13.705		0.3		5.72		TAS		29.7	1.20	m_e	mb	5.1
GEC2	79.40	P		20:30:09.489		0.3		5.72		TAS		13.6	1.05	m_e	mb	4.9
GRA1	78.58	P		20:30:05.171	-0.1	0.3		5.72		TAS		50.3	1.32	m_e	mb	5.4
GTTG	76.72	P		20:29:54.851	-0.1	0.3		5.72		TAS		29.6	1.05	m_e	mb	5.4
GUNZ	77.90	P		20:30:01.219	0.5	0.3		5.72		TAS		8.7	1.06	m_e	mb	4.8
IBBN	75.93	P		20:29:50.021	-0.3	0.3		5.72		TAS		36.3	1.12	m_e	mb	5.4
KAST	77.05	P		20:29:56.616	-0.1	0.3		5.72		TAS		11.0	1.14	m_e	mb	4.9
LNIZ	74.73	P		20:29:42.706	-0.0	0.3		5.72		TAS		33.9	1.10	m_e	mb	5.3
MANZ	78.28	P		20:30:03.332	-0.1	0.3		5.72		TAS		8.4	1.03	m_e	mb	4.8
MILB	78.44	P		20:30:04.292	-0.2	0.3		5.72		TAS		16.2	0.86	m_e	mb	5.2
MOX	77.62	P		20:29:59.682	0.4	0.3		5.72		TAS		18.1	1.05	m_e	mb	5.1
NEUB	77.07	P		20:29:56.461	0.2	0.3		5.72		TAS		28.7	1.08	m_e	mb	5.3
NRDL	75.77	P		20:29:48.920	0.3	0.3		5.72		TAS		18.9	1.16	m_e	mb	5.1
PLN	77.78	P		20:30:00.340	0.1	0.3		5.72		TAS				m_e		
PLONS	81.22	P		20:30:19.527		0.3		5.72		TAS				m_e		
RJOB	80.52	P		20:30:15.927		0.3		5.72		TAS		42.8	0.88	m_e	mb	5.5
ROTZ	78.50	P		20:30:04.805	-0.4	0.3		5.72		TAS		18.9	1.43	m_e	mb	5.0

SLE	80.49	P	20:30:15.299	0.3	5.72	TAS				m_e				
STU	79.49	P	20:30:10.195	0.3	5.72	TAS	15.7	0.75	m_e mb	5.1				
SULZ	80.72	P	20:30:16.449	0.3	5.72	TAS			m_e					
TANN	77.84	P	20:30:00.845	0.3	0.3	5.72	TAS	7.1	1.05	m_e mb	4.7			
TNS	78.03	P	20:30:01.867	-0.0	0.3	5.72	TAS	21.2	1.26	m_e mb	5.1			
UBR	80.59	P	20:30:16.582	0.3	5.72	TAS	23.1	1.28	m_e mb	5.1				
WERD	77.81	P	20:30:00.633	-0.0	0.3	5.72	TAS	4.5	1.18	m_e mb	4.5			
WERN	77.97	P	20:30:01.877	0.1	0.3	5.72	TAS	18.2	1.09	m_e mb	5.1			
WET	79.11	P	20:30:07.938	-0.0	0.3	5.72	TAS	11.1	1.13	m_e mb	4.8			
WILA	80.85	P	20:30:17.490	0.3	5.72	TAS			m_e					
WLF	78.53	P	20:30:05.420	-0.1	0.3	5.72	TAS			m_e				

Event 50324002 Off east coast of Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/24	11:09:18.80			53.6500	161.7800				30.0			24		71.56	76.22	m i ke	EMSC
OrigID 50324034																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50324008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	71.86		P	11:20:38.871	-0.1	17.7		6.01		TAS		22.5	1.45	m_e mb	5.1
BFO	75.93		P	11:21:03.226		17.7		6.01		TAS		7.0	0.77	m_e mb	4.9
BRG	72.40		P	11:20:41.776	0.1	17.7		6.01		TAS		7.9	0.68	m_e mb	5.0
CLL	72.19		P	11:20:40.081	-0.0	17.7		6.01		TAS		12.1	0.62	m_e mb	5.2
CLZ	72.19		P	11:20:41.171	0.1	17.7		6.01		TAS		22.0	0.93	m_e mb	5.3
FBE	72.48		P	11:20:42.442	0.1	17.7		6.01		TAS		40.4	1.38	m_e mb	5.4
FLT1	71.56		P	11:20:36.389	0.0	17.7		6.01		TAS		10.9	1.04	m_e mb	4.9
FUR	75.53		P	11:21:00.887		17.7		6.01		TAS		24.2	0.74	m_e mb	5.4
GEC2	74.37		P	11:20:53.641		17.7		6.01		TAS		10.6	0.66	m_e mb	5.0
GRA1	74.08		P	11:20:52.612		17.7		6.01		TAS		27.9	0.74	m_e mb	5.4
GUNZ	73.22		P	11:20:46.982	0.1	17.7		6.01		TAS		9.4	0.76	m_e mb	5.0
KAST	73.16		P	11:20:46.498	-0.1	17.7		6.01		TAS		10.1	0.78	m_e mb	5.0
MANZ	73.62		P	11:20:49.222		17.7		6.01		TAS		9.7	1.03	m_e mb	4.8
MILB	74.32		P	11:20:53.399		17.7		6.01		TAS		25.7	0.78	m_e mb	5.3
MOX	73.09		P	11:20:46.074	-0.1	17.7		6.01		TAS		12.7	0.88	m_e mb	5.1
NEUB	72.54		P	11:20:42.503	0.3	17.7		6.01		TAS		17.8	0.73	m_e mb	5.3
NRDL	71.61		P	11:20:37.176	-0.3	17.7		6.01		TAS		9.0	0.92	m_e mb	4.9
PLN	73.14		P	11:20:46.377	0.6	17.7		6.01		TAS		10.2	0.82	m_e mb	5.0
RJOB	75.62		P	11:21:01.329		17.7		6.01		TAS		48.1	0.78	m_e mb	5.7
ROTZ	73.81		P	11:20:50.614		17.7		6.01		TAS		12.3	1.15	m_e mb	4.8
TANN	73.14		P	11:20:46.498	0.3	17.7		6.01		TAS		12.6	0.23	m_e mb	5.6
TNS	74.09		P	11:20:52.415		17.7		6.01		TAS		11.4	0.69	m_e mb	5.0
UBBA	73.24		P	11:20:47.224	-0.7	17.7		6.01		TAS		10.5	0.84	m_e mb	5.0
UBR	76.22		P	11:21:05.016		17.7		6.01		TAS		15.8	1.32	m_e mb	5.0

WERD	73.14	P	11:20:46.377	-0.0	17.7	6.01	TAS	6.4	1.11	m_e	mb	4.7
WERN	73.28	P	11:20:47.588		17.7	6.01	TAS	15.2	0.70	m_e	mb	5.2
WET	74.26	P	11:20:53.459		17.7	6.01	TAS	15.4	0.84	m_e	mb	5.1

Event 50324003 Off east coast of Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/24	13:19:04.00		53.7100	161.7500					40.0			18		71.50	76.16	m i ke	EMSC
OrigID 50324035																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50324009
Ms	4.4		BGR	50324009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	71.80		P	13:30:22.913	0.1	17.7		6.03		TAS		31.7	1.58	m_e	mb	5.2
BRG	72.34		P	13:30:25.715		17.7		6.03		TAS		10.0	1.04	m_e	mb	4.9
CLL	72.12		P	13:30:24.346	0.2	17.7		6.03		TAS		23.8	1.26	m_e	mb	5.2
CLZ	72.13		P	13:30:25.031	0.1	17.7		6.03		TAS		24.8	1.15	m_e	mb	5.2
FBE	72.42		P	13:30:26.710	-0.6	17.7		6.03		TAS		19.7	1.23	m_e	mb	5.1
FLT1	71.50		P	13:30:20.563	0.0	17.7		6.03		TAS		41.6	1.84	m_e	mb	5.3
GEC2	74.31		P	13:30:38.033		17.7		6.03		TAS		11.0	1.12	m_e	mb	4.8
GRA1	74.02		P	13:30:36.477		17.7		6.03		TAS		12.1	0.75	m_e	mb	5.0
GRA1	74.02		L	14:08:43.533						T__		213.8	19.00	a_e	Ms	4.5
GUNZ	73.16		P	13:30:31.189		17.7		6.03		TAS		27.0	1.62	m_e	mb	5.1
IBBN	72.14		P	13:30:24.984	0.1	17.7		6.03		TAS		21.5	0.94	m_e	mb	5.3
MOX	73.03		P	13:30:30.443		17.7		6.03		TAS		13.1	1.23	m_e	mb	4.9
MOX	73.03		L	14:08:04.097						T__		193.6	19.20	a_e	Ms	4.4
PLN	73.07		P	13:30:30.629		17.7		6.03		TAS		27.8	1.66	m_e	mb	5.1
ROTZ	73.75		P	13:30:34.821		17.7		6.03		TAS		17.3	1.37	m_e	mb	4.9
TANN	73.08		P	13:30:30.754		17.7		6.03		TAS		20.5	1.55	m_e	mb	5.0
UBR	76.16		P	13:30:48.552		17.7		6.03		TAS		16.0	1.24	m_e	mb	5.0
WERD	73.08		P	13:30:30.629		17.7		6.03		TAS		9.0	1.14	m_e	mb	4.8
WERN	73.22		P	13:30:31.749		17.7		6.03		TAS		22.6	1.51	m_e	mb	5.1
WET	74.20		P	13:30:37.597		17.7		6.03		TAS		10.4	1.09	m_e	mb	4.8

Event 50324006 Panama

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/24	19:19:53.09		7.2160	-81.2840					10.0					86.17	86.32	m i ke	BGR
OrigID 50324012																	

Magnitude	Err	Nsta	Author	OrigID
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mb 4.9 BGR 50324012
 Ms 4.4 BGR 50324012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	86.17		P	19:32:34.460		269.1		5.63		TAS		17.6	1.82	m_e	mb 4.9
GRA1	86.17		L	20:09:36.356						T__		148.5	19.40	a_e	Ms 4.4
MOX	86.32		L	20:04:00.400						T__		208.7	22.00	a_e	Ms 4.5

Event 50325001 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/25	00:34:29.58			42.4550	143.5140				56.9	1.2		37		75.58	81.34	m i ke	BGR
OrigID 50325007																	

Magnitude	Err	Nsta	Author	OrigID
mb 5.3			BGR	50325007
Ms 4.2			BGR	50325007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.88		P	00:46:30.046	0.2	33.8		5.48		TAS		22.0	1.11	a_e	mb 5.0
ASSE	77.33		P	00:46:15.896	-0.0	33.8		5.48		TAS		15.8	0.95	a_e	mb 5.1
BFO	81.34		P	00:46:37.313	-0.6	33.8		5.48		TAS		15.3	0.88	m_e	mb 5.0
BRG	77.20		P	00:46:14.996	-0.2	33.8		5.48		TAS		12.4	0.74	a_e	mb 5.1
BSEG	75.95		P	00:46:08.246	-0.0	33.8		5.48		TAS		36.5	0.80	a_e	mb 5.6
BUG	79.05		P	00:46:25.146	-0.1	33.8		5.48		TAS		31.8	0.75	a_e	mb 5.4
CLL	77.19		P	00:46:14.696	-0.5	33.8		5.48		TAS		48.7	0.73	a_e	mb 5.7
CLL	77.19		sP	00:46:37.337	-0.1	33.0		5.59		TAS				m_e	
CLZ	77.67		P	00:46:18.096	0.3	33.8		5.48		TAS		41.5	0.67	a_e	mb 5.7
CLZ	77.67		sP	00:46:40.347		33.0		5.59		TAS				m_e	
FBE	77.38		P	00:46:16.196	-0.0	33.8		5.48		TAS		25.8	0.70	a_e	mb 5.5
FLT1	76.97		P	00:46:13.346	-0.6	33.8		5.48		TAS		57.5	0.72	m_e	mb 5.8
FLT1	76.97		sP	00:46:35.954	-0.1	33.0		5.59		TAS				m_e	
FUR	80.42		P	00:46:33.096	0.2	33.8		5.48		TAS		50.9	0.76	a_e	mb 5.5
GEC2	78.94		P	00:46:24.696	-0.1	33.8		5.48		TAS		11.4	0.65	a_e	mb 5.0
GRA1	79.16		P	00:46:26.496	0.5	33.8		5.48		TAS		50.8	0.72	a_e	mb 5.6
GRA1	79.16		L	01:23:21.392						T__		124.7	22.00	a_e	Ms 4.2
GTTG	78.06		P	00:46:20.046	0.1	33.8		5.48		TAS		38.7	0.85	a_e	mb 5.6
GUNZ	78.21		P	00:46:20.746	-0.0	33.8		5.48		TAS		16.1	0.70	a_e	mb 5.3
GUNZ	78.21		sP	00:46:43.679		33.0		5.59		TAS				m_e	
HLG	76.52		P	00:46:11.396	0.1	33.8		5.48		TAS		73.1	0.89	a_e	mb 5.8
IBBN	78.15		P	00:46:20.346	0.0	33.8		5.48		TAS		35.6	0.72	a_e	mb 5.6
KAST	78.87		P	00:46:24.446	0.1	33.8		5.48		TAS		18.8	0.83	a_e	mb 5.2
MANZ	78.60		P	00:46:22.946	0.0	33.8		5.48		TAS		13.6	0.67	a_e	mb 5.1
MILB	79.74		P	00:46:29.046	-0.1	33.8		5.48		TAS		16.3	0.80	a_e	mb 5.0
MOX	78.23		P	00:46:20.846	-0.1	33.8		5.48		TAS		16.1	0.70	a_e	mb 5.3
MOX	78.23		L	01:22:52.557						T__		128.6	21.00	a_e	Ms 4.2

NEUB	77.72	P	00:46:17.846	-0.2	33.8	5.48	TAS	50.3	0.77	a_e	mb	5.7
NRDL	77.22	P	00:46:15.246	-0.0	33.8	5.48	TAS	12.3	0.76	a_e	mb	5.1
PLN	78.17	P	00:46:20.446	-0.1	33.8	5.48	TAS	11.5	0.72	a_e	mb	5.1
RJOB	80.19	P	00:46:32.196	0.6	33.8	5.48	TAS	99.5	0.80	a_e	mb	5.8
ROTZ	78.74	P	00:46:24.096	0.4	33.8	5.48	TAS	18.9	0.88	a_e	mb	5.1
RUE	75.96	P	00:46:08.146	-0.3	33.8	5.48	TAS	44.6	0.75	a_e	mb	5.7
SKMB	75.58	P	00:46:06.646	0.5	33.8	5.48	TAS	51.4	0.92	a_e	mb	5.6
STU	80.66	P	00:46:34.096	-0.1	33.8	5.48	TAS	37.3	0.84	a_e	mb	5.4
STU	80.66	sP	00:46:56.807		33.0	5.59	TAS			m_e		
TANN	78.12	P	00:46:20.146	-0.1	33.8	5.48	TAS	9.1	0.84	a_e	mb	4.9
TNS	79.69	P	00:46:28.946	0.1	33.8	5.48	TAS	16.5	0.87	a_e	mb	5.0
UBBA	78.66	P	00:46:23.396	0.2	33.8	5.48	TAS	8.3	0.57	a_e	mb	5.0
UBR	81.25	P	00:46:37.062	-0.4	33.8	5.48	TAS	10.7	0.81	m_e	mb	4.9
WERD	78.15	P	00:46:20.246	-0.2	33.8	5.48	TAS	5.9	0.79	a_e	mb	4.8
WERN	78.25	P	00:46:21.146	0.1	33.8	5.48	TAS	20.7	0.64	a_e	mb	5.4
WET	79.01	P	00:46:25.596	0.5	33.8	5.48	TAS	21.7	0.79	a_e	mb	5.2
WET	79.01	sP	00:46:47.729		33.0	5.59	TAS			m_e		
WLF	80.94	P	00:46:35.596	-0.1	33.8	5.48	TAS	17.1	1.10	a_e	mb	5.0

Event 50325002 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/25	06:41:28.12			36.3600	72.0400				100.0			34		43.37	48.47	m i ke	BGR
50325008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50325008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	45.31		P	06:49:34.455	0.8	84.6		7.89		TAS		11.5	1.39	m_e	mb	4.6
BFO	47.30		P	06:49:49.821	0.0	84.6		7.89		TAS		22.6	1.29	m_e	mb	5.1
BRG	43.37		P	06:49:19.617	-0.2	84.6		7.89		TAS		29.9	0.84	m_e	mb	5.1
BSEG	45.40		P	06:49:36.112	0.1	84.6		7.89		TAS		38.3	0.80	m_e	mb	5.4
BUG	47.49		P	06:49:52.006		84.6		7.89		TAS		21.7	0.89	m_e	mb	5.3
CLL	43.93		P	06:49:24.105	-0.0	84.6		7.89		TAS		21.8	1.02	m_e	mb	4.8
CLZ	45.52		P	06:49:36.941	0.1	84.6		7.89		TAS		32.6	1.26	m_e	mb	5.2
FBE	43.74		P	06:49:22.856	-0.2	84.6		7.89		TAS		36.4	0.84	m_e	mb	5.1
FLT1	44.95		P	06:49:31.593	0.8	84.6		7.89		TAS		51.8	0.78	m_e	mb	5.5
GEC2	43.69		P	06:49:22.161	0.1	84.6		7.89		TAS		6.0	0.99	m_e	mb	4.3
GRA1	45.21		P	06:49:35.058	-0.7	84.6		7.89		TAS		40.8	1.35	m_e	mb	5.2
GTTG	45.81		P	06:49:39.125	-0.3	84.6		7.89		TAS		43.3	0.92	m_e	mb	5.5
GUNZ	44.43		P	06:49:28.429	-0.1	84.6		7.89		TAS		12.8	0.96	m_e	mb	4.6
HLG	46.81		P	06:49:47.185	0.1	84.6		7.89		TAS		179.6	1.09	m_e	mb	6.1
IBBN	47.08		P	06:49:49.068	-0.3	84.6		7.89		TAS		51.2	0.98	m_e	mb	5.6
KAST	46.81		P	06:49:46.507	0.0	84.6		7.89		TAS		22.5	1.65	m_e	mb	5.0
MANZ	44.61		P	06:49:29.936	-0.3	84.6		7.89		TAS		19.4	1.09	m_e	mb	5.0

MILB	46.44	P	06:49:43.871	-0.5	84.6	7.89	TAS	17.3	0.80	m_e	mb	5.1
MOX	44.86	P	06:49:31.668	-0.6	84.6	7.89	TAS	18.3	1.06	m_e	mb	4.9
NEUB	44.71	P	06:49:30.162	0.1	84.6	7.89	TAS	39.9	0.96	m_e	mb	5.3
NRDL	45.63	P	06:49:37.619	0.1	84.6	7.89	TAS	26.5	0.94	m_e	mb	5.2
PLN	44.53	P	06:49:28.731	0.5	84.6	7.89	TAS	12.0	0.88	m_e	mb	4.8
RJOB	44.43	P	06:49:27.641	0.3	84.6	7.89	TAS	44.8	0.86	m_e	mb	5.2
ROTZ	44.57	P	06:49:29.635	0.4	84.6	7.89	TAS	27.2	1.26	m_e	mb	5.0
RUE	43.39	P	06:49:19.391	-0.5	84.6	7.89	TAS	50.9	1.06	m_e	mb	5.2
STU	46.66	P	06:49:45.528	0.9	84.6	7.89	TAS	24.7	0.96	m_e	mb	5.3
TANN	44.34	P	06:49:27.450	0.1	84.6	7.89	TAS	19.7	1.18	m_e	mb	4.7
TNS	46.92	P	06:49:47.863	-0.6	84.6	7.89	TAS	32.0	1.38	m_e	mb	5.3
UBBA	45.86	P	06:49:39.201	0.2	84.6	7.89	TAS	8.1	1.01	m_e	mb	4.7
UBR	46.23	P	06:49:41.837	0.1	84.6	7.89	TAS	25.1	1.20	m_e	mb	5.1
WERD	44.44	P	06:49:28.128	-0.2	84.6	7.89	TAS	6.0	0.82	m_e	mb	4.4
WERN	44.41	P	06:49:28.053	0.3	84.6	7.89	TAS	11.0	1.15	m_e	mb	4.5
WET	44.20	P	06:49:26.094	-0.0	84.6	7.89	TAS	15.6	1.56	m_e	mb	4.5
WLF	48.47	P	06:50:00.065		84.6	7.89	TAS	37.3	1.02	m_e	mb	5.5

Event 50325003 Vancouver Island, Canada, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/25	19:22:51.79			49.6740	-127.9670				33.0			19		71.67	76.48	m i ke	BGR
50325009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50325009
Ms	4.5		BGR	50325009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	73.02		P	19:34:17.128	0.5	339.9		5.25		TAS		12.9	0.90	m_e	mb	5.1
BFO	75.36		P	19:34:29.842		339.9		5.25		TAS		18.9	1.20	m_e	mb	5.0
BRG	74.68		P	19:34:25.875		339.9		5.25		TAS		18.0	1.38	m_e	mb	4.9
BUG	72.29		P	19:34:11.935		339.9		5.25		TAS		12.9	1.02	m_e	mb	5.0
CLL	74.04		P	19:34:21.816		339.9		5.25		TAS		10.9	1.20	m_e	mb	4.8
CLZ	72.84		P	19:34:15.451	0.1	339.9		5.25		TAS		19.1	1.16	m_e	mb	5.1
FBE	74.48		P	19:34:24.768		339.9		5.25		TAS		9.6	0.80	m_e	mb	4.9
FLT1	72.64		P	19:34:13.606	-0.2	339.9		5.25		TAS		10.9	0.99	m_e	mb	4.9
GEC2	76.46		P	19:34:35.930		339.9		5.25		TAS		16.4	1.46	m_e	mb	5.0
GRA1	75.00		P	19:34:28.366		339.9		5.25		TAS		26.1	1.63	m_e	mb	5.0
GRA1	75.00		L	20:04:54.748						T__		298.8	21.50	a_e	Ms	4.6
GTTG	72.99		P	19:34:16.374	0.4	339.9		5.25		TAS		31.4	1.47	m_e	mb	5.2
IBBN	71.67		P	19:34:09.043	0.1	339.9		5.25		TAS		32.4	1.23	m_e	mb	5.3
MANZ	74.99		P	19:34:28.145		339.9		5.25		TAS		4.5	1.09	m_e	mb	4.4
MILB	74.32		P	19:34:23.938		339.9		5.25		TAS		86.4	2.35	m_e	mb	5.4
MOX	74.26		P	19:34:23.200		339.9		5.25		TAS		9.6	0.84	m_e	mb	4.9
MOX	74.26		L	20:09:42.783						T__		257.1	18.70	a_e	Ms	4.5

NEUB	73.81	P	19:34:21.248	339.9	5.25	TAS	27.8	1.53	m_e mb	5.1
NRDL	72.18	P	19:34:11.513	-0.1 339.9	5.25	TAS	9.6	0.87	m_e mb	4.9
ROTZ	75.21	P	19:34:29.630	339.9	5.25	TAS	21.6	1.84	m_e mb	4.9
TNS	73.72	P	19:34:20.612	-0.2 339.9	5.25	TAS	7.6	0.82	m_e mb	4.8
UBR	76.48	P	19:34:36.299	339.9	5.25	TAS	14.2	1.11	m_e mb	5.0
WERD	74.63	P	19:34:25.967	339.9	5.25	TAS	16.6	1.55	m_e mb	4.8
WERN	74.79	P	19:34:26.900	339.9	5.25	TAS	16.1	1.61	m_e mb	4.8
WET	75.97	P	19:34:33.498	339.9	5.25	TAS	11.8	1.51	m_e mb	4.8

Event 50327010 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/27	03:04:18.25			37.5770	143.0760				33.0			33		79.10	85.47	m i ke	BGR
OrigID 50327016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50327016
Ms	5.2		BGR	50327016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.09		P	03:16:43.942		36.5		5.17		TAS		38.8	0.99	m_e mb	5.6
BFO	85.47		P	03:16:50.690		36.5		5.17		TAS		53.5	1.01	m_e mb	5.7
BFO	85.47		L	03:59:57.637						T__		766.4	19.30	a_e Ms	5.1
BRG	81.25		P	03:16:29.291	-0.2	36.5		5.17		TAS		27.1	0.89	m_e mb	5.3
BSEG	80.17		P	03:16:24.045	-0.1	36.5		5.17		TAS		51.8	1.04	m_e mb	5.4
BSEG	80.17		L	03:53:34.908						T__		841.7	21.60	a_e Ms	5.1
BUG	83.28		P	03:16:39.330	-0.3	36.5		5.17		TAS		36.9	1.33	m_e mb	5.4
CLL	81.28		P	03:16:29.205	0.5	36.5		5.17		TAS		52.1	0.83	m_e mb	5.6
CLL	81.28		L	03:57:08.318						T__		918.2	20.40	a_e Ms	5.1
CLZ	81.84		P	03:16:32.867	0.2	36.5		5.17		TAS		46.7	1.12	m_e mb	5.5
FBE	81.45		P	03:16:30.702	0.2	36.5		5.17		TAS		50.2	0.83	m_e mb	5.6
FLT1	81.13		P	03:16:28.503	0.3	36.5		5.17		TAS		52.3	0.87	m_e mb	5.6
FUR	84.46		P	03:16:46.140		36.5		5.17		TAS		73.2	0.81	m_e mb	6.0
FUR	84.46		L	03:59:17.250						T__		1378.3	19.70	a_e Ms	5.3
GEC2	82.94		P	03:16:37.804	0.1	36.5		5.17		TAS		22.3	0.92	m_e mb	5.4
GEC2	82.94		L	04:01:43.291						T__		546.4	18.20	a_e Ms	5.0
GRA1	83.25		P	03:16:40.249	0.1	36.5		5.17		TAS		126.2	1.28	m_e mb	6.0
GRA1	83.25		L	03:58:37.359						T__		1487.6	18.20	a_e Ms	5.4
GTTG	82.23		P	03:16:34.658	0.3	36.5		5.17		TAS		33.8	0.96	m_e mb	5.4
GUNZ	82.29		P	03:16:34.994	0.2	36.5		5.17		TAS		346.0	2.90	m_e mb	6.0
IBBN	82.39		P	03:16:35.544	0.1	36.5		5.17		TAS		51.2	0.77	m_e mb	5.7
KAST	83.07		P	03:16:38.876	-0.1	36.5		5.17		TAS		24.5	1.05	m_e mb	5.4
LNIZ	79.10		P	03:16:17.418	0.2	36.5		5.17		TAS		110.9	1.06	m_e mb	5.8
MANZ	82.67		P	03:16:36.887	0.5	36.5		5.17		TAS		28.1	1.16	m_e mb	5.4
MILB	83.88		P	03:16:43.087	-0.5	36.5		5.17		TAS		177.8	2.44	m_e mb	5.9
MOX	82.34		P	03:16:34.933	0.1	36.5		5.17		TAS		235.5	2.86	m_e mb	5.8

MOX	82.34	L	03:57:48.806							T__	826.3	20.50	a_e	Ms	5.1	
NEUB	81.84	P	03:16:32.276	0.1	36.5		5.17			TAS	62.9	0.93	m_e	mb	5.7	
NRDL	81.41	P	03:16:30.115	-0.3	36.5		5.17			TAS	22.1	0.92	m_e	mb	5.2	
PLN	82.25	P	03:16:34.719	0.1	36.5		5.17			TAS	121.8	2.36	m_e	mb	5.6	
RJOB	84.19	P	03:16:44.522		36.5		5.17			TAS	818.0	2.32	m_e	mb	6.5	
ROTZ	82.81	P	03:16:37.681	-0.5	36.5		5.17			TAS	84.0	1.47	m_e	mb	5.8	
RUE	80.06	P	03:16:23.495	-0.2	36.5		5.17			TAS	116.5	1.50	m_e	mb	5.6	
STU	84.78	P	03:16:47.331		36.5		5.17			TAS	67.2	0.90	m_e	mb	5.9	
TANN	82.19	P	03:16:33.956	0.4	36.5		5.17			TAS	24.2	1.25	m_e	mb	5.2	
TNS	83.87	P	03:16:42.598	0.1	36.5		5.17			TAS	35.3	1.17	m_e	mb	5.5	
TNS	83.87	L	03:58:20.951							T__	1017.6	20.10	a_e	Ms	5.2	
WERD	82.23	P	03:16:34.658	-0.1	36.5		5.17			TAS	18.0	1.16	m_e	mb	5.1	
WERN	82.33	P	03:16:35.399	-0.3	36.5		5.17			TAS	1024.6	4.36	m_e	mb	6.3	
WET	83.04	P	03:16:38.781	-0.1	36.5		5.17			TAS	52.0	1.39	m_e	mb	5.6	
WET	83.04	L	03:57:49.165							T__	2058.4	18.20	a_e	Ms	5.5	
WLF	85.15	P	03:16:49.622		36.5		5.17			TAS	109.2	1.69	m_e	mb	5.8	

Event 50327011 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/27	14:39:42.04			37.5180	141.9800				33.0					79.83	85.10	m i ke	BGR
OrigID 50327017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50327017
Ms	4.3		BGR	50327017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	85.10		L	15:33:12.127						T__		109.0	19.90	a_e	Ms 4.2
BSEG	79.83		L	15:27:42.150						T__		175.0	20.60	a_e	Ms 4.4
CLL	80.90		L	15:35:28.963						T__		83.3	19.80	a_e	Ms 4.1
FUR	84.07		L	15:32:40.496						T__		311.8	18.40	a_e	Ms 4.7
GEC2	82.54		L	15:32:00.344						T__		139.3	19.30	a_e	Ms 4.3
GRA1	82.88		P	14:52:02.090		41.3		4.47		TAS		20.9	1.06	m_e	mb 5.3
GRA1	82.88		L	15:36:41.721						T__		99.9	19.10	a_e	Ms 4.2
MOX	81.97		L	15:35:28.675						T__		111.4	18.00	a_e	Ms 4.3
TNS	83.51		L	15:32:03.763						T__		104.9	21.10	a_e	Ms 4.2
WET	82.64		L	15:31:29.605						T__		221.9	18.60	a_e	Ms 4.6

Event 50327012 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/27	14:56:02.79			52.0930	175.2160				33.0				15	73.59	78.03	m i ke	BGR
OrigID																	

50327018

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50327018
Ms	4.2		BGR	50327018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.25		P	15:07:51.754		10.0		5.60		TAS		17.5	0.80	m_e	mb	5.2
BRG	76.19		P	15:07:45.823		10.0		5.60		TAS		24.9	1.68	m_e	mb	5.1
BSEG	73.59		P	15:07:31.492	-0.6	10.0		5.60		TAS		29.5	1.01	m_e	mb	5.3
CLL	75.88		P	15:07:43.682	0.3	10.0		5.60		TAS		8.8	0.98	m_e	mb	4.9
CLZ	75.65		P	15:07:43.187	-0.4	10.0		5.60		TAS		25.1	1.10	m_e	mb	5.3
GRA1	77.68		P	15:07:54.472		10.0		5.60		TAS		37.0	1.50	m_e	mb	5.3
GRA1	77.68		L	15:46:03.743						T__		114.9	19.30	a_e	Ms	4.2
GUNZ	76.89		P	15:07:49.941		10.0		5.60		TAS				m_e		
IBBN	75.44		P	15:07:41.787	-0.0	10.0		5.60		TAS		60.9	1.24	m_e	mb	5.5
MANZ	77.29		P	15:07:52.083		10.0		5.60		TAS		11.8	1.28	m_e	mb	4.9
MOX	76.70		P	15:07:48.624		10.0		5.60		TAS		8.1	0.81	m_e	mb	4.9
MOX	76.70		L	15:45:12.642						T__		100.3	18.90	a_e	Ms	4.2
ROTZ	77.50		P	15:07:53.566		10.0		5.60		TAS		9.4	1.15	m_e	mb	4.8
TANN	76.83		P	15:07:49.777		10.0		5.60		TAS		22.5	1.82	m_e	mb	5.0
TNS	77.45		P	15:07:52.577		10.0		5.60		TAS		11.7	0.82	m_e	mb	5.1
TNS	77.45		L	15:45:35.775						T__		102.2	20.50	a_e	Ms	4.1
WERN	76.96		P	15:07:50.518		10.0		5.60		TAS		15.0	1.02	m_e	mb	5.1
WET	78.03		P	15:07:56.201		10.0		5.60		TAS		8.8	1.30	m_e	mb	4.7

Event 50327013 Nicobar Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/27	18:51:39.27			9.3590	93.8410				33.0					76.43	78.16	m i ke	BGR
OrigID 50327019																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50327019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	76.43		P	19:03:25.498		102.4		4.70		TAS		8.4	1.10	m_e	mb	4.8
FBE	76.80		P	19:03:27.807		102.4		4.70		TAS		27.3	1.39	m_e	mb	5.2
GEC2	76.53		P	19:03:26.139		102.4		4.70		TAS		10.8	0.84	m_e	mb	5.0
GRA1	78.16		P	19:03:35.409		102.4		4.70		TAS		9.9	1.27	m_e	mb	4.8
GRA1	78.16		L	19:34:45.379						T__		40.7	19.30	a_e		
MOX	77.90		L	19:43:23.975						T__		34.8	19.40	a_e		
WET	77.08		P	19:03:29.026		102.4		4.70		TAS		10.7	1.08	m_e	mb	4.9

Event 50327014 Ecuador

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/27	21:59:14.81			-2.1820	-78.1380				33.0					91.23	91.23	m i ke	BGR
OrigID 50327020																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	50327020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	91.23		P	22:12:17.122		268.3		5.38		TAS		138.0	3.07	m_e	mb 5.8

Event 50327015 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/27	23:34:41.80			34.9300	27.0230				33.0				34	17.04	22.33	m i ke	BGR
OrigID 50327021																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50327021
Ms	4.2		BGR	50327021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	21.30		P	23:39:26.355	-0.0	136.0		10.97		TAS				m_e	
ASSE	20.80		P	23:39:19.671	-0.7	136.0		10.97		TAS				m_e	
BFO	19.28		P	23:39:04.503	0.3	136.0		10.97		TAS		185.0	1.21	m_e	mb 5.2
BFO	19.28		L	23:47:10.521						T__		1408.6	22.00	a_e	Ms 4.2
BRG	18.55		P	23:38:55.606	-0.4	136.0		10.97		TAS				a_e	
BSEG	22.33		P	23:39:36.199		136.0		10.97		TAS				m_e	
BSEG	22.33		L	23:49:31.288						T__		717.4	19.90	a_e	Ms 4.1
BUG	21.79		P	23:39:30.896		136.0		10.97		TAS				m_e	
CLL	19.25		P	23:39:03.475	0.4	136.0		10.97		TAS		220.5	1.27	m_e	mb 5.2
CLL	19.25		L	23:47:34.018						T__		999.8	20.80	a_e	Ms 4.1
CLZ	20.70		P	23:39:18.814	-0.8	136.0		10.97		TAS				m_e	
FBE	18.81		P	23:38:59.105	0.2	136.0		10.97		TAS				m_e	
FLT1	20.73		P	23:39:18.557	-0.8	136.0		10.97		TAS				m_e	
FUR	17.67		P	23:38:45.137	0.5	136.0		10.97		TAS		496.9	1.24	m_e	mb 5.5
FUR	17.67		L	23:46:08.966						T__		1567.6	20.90	a_e	Ms 4.2
GEC2	17.04		P	23:38:38.454	-1.5	136.0		10.97		TAS		419.0	1.02	m_e	mb 5.5
GEC2	17.04		L	23:46:12.560						T__		997.5	20.60	a_e	Ms 4.0
GRA1	18.76		P	23:38:58.406	0.2	136.0		10.97		TAS		569.1	1.11	m_e	mb 5.7
GRA1	18.76		L	23:47:42.456						T__		1437.4	18.70	a_e	Ms 4.3
GTTG	20.66		P	23:39:19.242	-0.8	136.0		10.97		TAS				m_e	
GUNZ	18.78		P	23:38:58.677	0.9	136.0		10.97		TAS				m_e	
IBBN	22.16		P	23:39:34.495		136.0		10.97		TAS				m_e	

Event 50328004 Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/28	19:16:35.40			-18.1100	177.0500				53.0					142.80	148.49	m i ke	EMSC
OrigID 50328036																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.49		L	20:41:53.821						T__		461.9	21.50	a_e	
BSEG	142.80		L	20:38:38.712						T__		371.1	21.10	a_e	
CLL	144.54		L	20:36:38.071						T__		357.5	20.80	a_e	
FUR	147.86		L	20:41:59.781						T__		464.7	21.70	a_e	
GEC2	146.50		L	20:42:52.841						T__		392.6	22.00	a_e	
GRA1	146.49		PKPbc	19:36:18.516		24.9		2.85		TAS					m_e
GRA1	146.49		L	20:45:01.066						T__		347.5	19.60	a_e	
MOX	145.52		L	20:39:30.486						T__		319.0	21.90	a_e	
TNS	146.69		L	20:41:35.154						T__		445.9	21.60	a_e	
WET	146.50		L	20:39:28.452						T__		604.6	21.40	a_e	

Event 50328002 Minahassa Peninsula, Sulawesi, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/28	22:28:51.80			0.4000	122.0000				124.0					101.47	105.23	m i ke	NEIC
OrigID 50328056																	

Magnitude Err Nsta Author OrigID
Ms 5.1 BGR 50328008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	105.23		L	23:32:40.011						T__		545.1	20.30	a_e Ms	5.1
BSEG	102.29		L	23:35:43.399						T__		837.3	19.60	a_e Ms	5.3
CLL	101.47		L	23:34:06.100						T__		619.0	22.00	a_e Ms	5.1
FUR	103.40		L	23:35:14.439						T__		476.1	20.10	a_e Ms	5.0
GEC2	101.67		L	23:31:32.748						T__		484.6	20.40	a_e Ms	5.0
GRA1	103.01		PKKbc	22:58:33.947						T__					m_e
GRA1	103.01		L	23:34:28.958						T__		518.0	20.10	a_e Ms	5.1
MOX	102.50		L	23:35:57.486						T__		627.5	20.80	a_e Ms	5.1
TNS	104.56		L	23:38:57.843						T__		497.6	20.30	a_e Ms	5.0
WET	102.11		L	23:34:56.064						T__		647.7	18.70	a_e Ms	5.2

Event 50329002 Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/29	00:44:58.30			45.7000	26.4300				144.0			9		9.21	13.79	m i ke	NEIC
OrigID 50329056																	

Magnitude	Err	Nsta	Author	OrigID
Ms	2.8		BGR	50329008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	13.79		P	00:48:13.388		105.5		14.32		TAS		25.8	0.95	m_e	
BFO	12.63		P	00:47:58.133		105.5		14.32		TAS		8.0	0.80	m_e	
BSEG	13.25		P	00:48:07.037		105.5		14.32		TAS				m_e	
CLZ	12.23		P	00:47:55.020		105.5		14.32		TAS				m_e	
GEC2	9.21		P	00:47:08.634	-3.0	105.5		14.32		TAS		8.0	0.81	m_e	
GRA1	11.00		L	00:51:32.055						T__		99.0	20.90	a_e Ms	2.7
GUNZ	10.53		P	00:47:26.068		105.5		14.32		TAS		14.4	1.15	m_e	
MOX	11.06		L	00:52:10.499						T__		132.4	18.20	a_e Ms	2.9
RJOB	9.59		P	00:47:20.464	5.2	105.5		14.32		TAS				m_e	
TANN	10.47		P	00:47:25.445	-0.7	105.5		14.32		TAS				m_e	
UBR	11.39		P	00:47:44.124		105.5		14.32		TAS				m_e	

Event 50329003 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/29	03:23:06.13			30.9560	131.6510				33.0					81.96	86.20	m i ke	BGR
OrigID 50329009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50329009
Ms	3.8		BGR	50329009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	86.20		P	03:35:43.026		55.5		4.66		TAS		12.9	1.11	m_e mb	5.0
CLL	81.96		P	03:35:21.120		55.5		4.66		TAS		11.4	0.64	m_e mb	5.2
FBE	82.04		P	03:35:22.100		55.5		4.66		TAS		15.3	1.19	m_e mb	5.0
FLT1	82.11		P	03:35:21.720		55.5		4.66		TAS		10.7	0.82	m_e mb	5.0
FUR	84.87		P	03:35:36.901		55.5		4.66		TAS		33.4	1.10	m_e mb	5.5
GEC2	83.21		P	03:35:27.630		55.5		4.66		TAS		3.7	0.96	m_e mb	4.6
GRA1	83.88		P	03:35:31.755		55.5		4.66		TAS		20.0	1.13	m_e mb	5.2
GRA1	83.88		L	04:11:44.085						T__		44.8	20.40	a_e Ms	3.8
MOX	83.06		L	04:13:37.780						T__		45.1	20.70	a_e Ms	3.8
RJOB	84.39		P	03:35:34.275		55.5		4.66		TAS		48.6	1.08	m_e mb	5.7
ROTZ	83.35		P	03:35:28.759		55.5		4.66		TAS		14.2	1.52	m_e mb	5.0
UBR	85.78		P	03:35:40.833		55.5		4.66		TAS		31.7	1.61	m_e mb	5.2

Event 50329004 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/29	04:16:35.21			28.0430	55.7990				33.0			14		38.34	42.26	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50329010
Ms	3.3		BGR	50329010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	41.18		P	04:24:15.949		105.8		8.29		TAS		17.3	0.97	m_e mb	4.8
BRG	38.84		P	04:23:56.510	-0.2	105.8		8.29		TAS		8.0	0.91	m_e mb	4.3
CLL	39.54		P	04:24:02.581	0.1	105.8		8.29		TAS		21.2	0.99	m_e mb	4.7
CLZ	41.27		P	04:24:16.930		105.8		8.29		TAS		30.3	0.92	m_e mb	5.0
FLT1	40.91		P	04:24:13.572		105.8		8.29		TAS		38.4	0.76	m_e mb	5.2
GEC2	38.34		P	04:23:52.833	0.1	105.8		8.29		TAS		17.4	0.81	m_e mb	4.8
GRA1	40.14		P	04:24:07.762		105.8		8.29		TAS		29.9	0.88	m_e mb	4.9
GRA1	40.14		L	04:44:41.298						T__		47.1	20.20	a_e Ms	3.3
KAST	42.26		P	04:24:25.293		105.8		8.29		TAS		14.3	0.75	m_e mb	4.8
MOX	40.16		L	04:44:57.275						T__		43.4	18.60	a_e Ms	3.3
NEUB	40.24		P	04:24:08.424		105.8		8.29		TAS		22.0	0.87	m_e mb	4.8
RJOB	38.61		P	04:23:55.213	0.4	105.8		8.29		TAS		73.9	0.73	m_e mb	5.4
ROTZ	39.54		P	04:24:02.704	0.1	105.8		8.29		TAS		13.0	0.85	m_e mb	4.6
TNS	42.00		P	04:24:23.003		105.8		8.29		TAS		21.2	1.14	m_e mb	4.8
UBR	40.36		P	04:24:09.157		105.8		8.29		TAS		72.4	1.36	m_e mb	5.1
WET	38.94		P	04:23:57.355	-0.5	105.8		8.29		TAS		9.1	0.93	m_e mb	4.4

Event 50330001 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/29	23:48:30.80			-5.1800	152.6100				35.0					122.56	127.33	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID
Ms	7.4		BGR	50330007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	127.33		L	01:06:24.833						T__		49025.8	22.00	a_e Ms	7.1
BSEG	122.56		L	01:04:13.633						T__		108837.0	21.60	a_e Ms	7.5
CLL	123.09		L	01:04:58.680						T__		110015.0	21.30	a_e Ms	7.5
FUR	125.96		L	01:03:15.487						T__		72498.9	20.60	a_e Ms	7.3
GEC2	124.28		L	01:05:08.329						T__		95038.7	22.00	a_e Ms	7.4
GRA1	125.00		PKPdf	00:07:26.234		49.4		1.19		TAS				m_e	

GRA1	125.00	L	01:07:32.335	T__	85819.1	20.80	a_e Ms	7.4
MOX	124.19	L	01:10:33.716	T__	73891.5	20.80	a_e Ms	7.3
TNS	125.97	L	01:05:49.104	T__	118283.0	21.90	a_e Ms	7.5
WET	124.52	L	01:05:18.949	T__	107820.0	21.60	a_e Ms	7.5

Event 50330008 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/30	00:15:30.80			-5.1800	152.6100				35.0			8		122.90	125.30	m i ke	NEIC
OrigID 50330062																	

Magnitude	Err	Nsta	Author	OrigID
Ms	7.0		BGR	50330014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	122.90		PKPdf	00:34:23.846	-0.1	49.4		1.98		TAS				m_e	
CLL	123.09		PKPdf	00:34:24.188	-0.0	49.4		1.98		TAS				m_e	
CLZ	123.97		PKPdf	00:34:26.277		49.4		1.98		TAS				m_e	
FBE	123.16		PKPdf	00:34:24.643		49.4		1.98		TAS				m_e	
FLT1	123.25		PKPdf	00:34:24.270		49.4		1.98		TAS				m_e	
GEC2	124.28		PKPdf	00:34:26.586		49.4		1.98		TAS				m_e	
GRA1	125.00		L	01:25:19.752						T__		39012.8	20.00	a_e Ms	7.1
KAST	125.30		PKPdf	00:34:28.612		49.4		1.98		TAS				m_e	
MOX	124.19		L	01:26:21.184						T__		27093.6	20.40	a_e Ms	6.9
WERN	124.05		PKPdf	00:34:26.031		49.4		1.98		TAS				m_e	

Event 50330009 Southeastern China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/30	01:47:44.18			26.8960	107.8050				33.0			27		71.94	77.01	m i ke	BGR
OrigID 50330015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50330015
Ms	5.9		BGR	50330015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.09		P	01:59:27.674		67.3		5.86		TAS		62.8	1.27	m_e mb	5.6
BFO	76.29		P	01:59:28.038		67.3		5.86		TAS		35.0	1.36	m_e mb	5.3
BRG	71.94		P	01:59:02.892	0.1	67.3		5.86		TAS		48.5	1.42	m_e mb	5.4
BSEG	72.90		P	01:59:08.963	-0.1	67.3		5.86		TAS		98.6	1.35	m_e mb	5.8
BUG	75.60		P	01:59:24.320		67.3		5.86		TAS		70.1	1.40	m_e mb	5.6
CLL	72.34		P	01:59:04.998	-0.6	67.3		5.86		TAS		43.7	1.28	m_e mb	5.4

CLZ	73.67	P	01:59:13.830	-0.3	67.3	5.86	TAS	83.7	1.50	m_e	mb	5.5
FBE	72.27	P	01:59:05.203	0.3	67.3	5.86	TAS	63.3	1.36	m_e	mb	5.6
FLT1	72.99	P	01:59:08.706	-0.3	67.3	5.86	TAS	50.7	1.40	m_e	mb	5.5
FUR	74.56	P	01:59:19.092		67.3	5.86	TAS	140.6	1.37	m_e	mb	5.8
GEC2	72.81	P	01:59:08.429	-0.2	67.3	5.86	TAS	48.6	1.30	m_e	mb	5.5
GRA1	74.00	P	01:59:15.813	-0.1	67.3	5.86	TAS	127.5	1.46	m_e	mb	5.7
GRA1	74.00	L	02:39:31.186				T__	6864.1	18.80	a_e	Ms	6.0
GTTG	74.02	P	01:59:15.700	-0.7	67.3	5.86	TAS	43.0	1.17	m_e	mb	5.4
GUNZ	73.08	P	01:59:09.861	0.6	67.3	5.86	TAS	59.1	1.38	m_e	mb	5.5
MANZ	73.36	P	01:59:12.121	0.4	67.3	5.86	TAS	41.8	1.33	m_e	mb	5.4
MOX	73.40	P	01:59:11.476	0.5	67.3	5.86	TAS	32.8	1.40	m_e	mb	5.3
MOX	73.40	L	02:32:58.289				T__	6551.4	19.10	a_e	Ms	5.9
NEUB	73.10	P	01:59:09.910	-0.3	67.3	5.86	TAS	74.2	1.37	m_e	mb	5.6
NRDL	73.57	P	01:59:13.231	-0.1	67.3	5.86	TAS	79.7	1.47	m_e	mb	5.5
PLN	73.14	P	01:59:10.072	0.6	67.3	5.86	TAS	48.3	1.53	m_e	mb	5.4
RJOB	73.78	P	01:59:14.379	0.1	67.3	5.86	TAS	195.7	1.65	m_e	mb	5.9
ROTZ	73.38	P	01:59:12.164	0.5	67.3	5.86	TAS	83.4	1.35	m_e	mb	5.7
TANN	72.99	P	01:59:09.178	-0.1	67.3	5.86	TAS	44.6	1.39	m_e	mb	5.4
UBR	75.47	P	01:59:23.849		67.3	5.86	TAS	61.8	1.56	m_e	mb	5.4
WERD	73.07	P	01:59:09.696	-0.1	67.3	5.86	TAS	20.0	1.31	m_e	mb	5.1
WERN	73.08	P	01:59:09.648	0.5	67.3	5.86	TAS	43.1	1.30	m_e	mb	5.4
WET	73.20	P	01:59:10.583	0.5	67.3	5.86	TAS	40.5	1.40	m_e	mb	5.4
WLF	77.01	P	01:59:32.819		67.3	5.86	TAS	86.3	1.29	m_e	mb	5.7

Event 50330010 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/30	02:12:39.62			-22.5190	172.1090				10.0			24		145.74	151.18	m i ke	BGR
50330016																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.8		BGR	50330016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	151.18		PKPbc	02:32:33.020		35.9		2.68		TAS					m_e	
BRG	146.98		PKPbc	02:32:22.177	-0.1	35.9		2.68		TAS					m_e	
BSEG	145.74		PKPbc	02:32:18.702	-0.3	35.9		2.68		TAS					m_e	
CLL	147.00		PKPbc	02:32:22.140	0.3	35.9		2.68		TAS					m_e	
CLZ	147.50		PKPbc	02:32:24.142	0.3	35.9		2.68		TAS					m_e	
FBE	147.17		PKPbc	02:32:23.235	0.4	35.9		2.68		TAS					m_e	
FLT1	146.80		PKPbc	02:32:21.686	0.3	35.9		2.68		TAS					m_e	
GEC2	148.63		PKPbc	02:32:26.900		35.9		2.68		TAS					m_e	
GRA1	148.98		L	03:44:23.248						T__	2043.2	20.40		a_e	Ms	5.9
GTTG	147.89		PKPbc	02:32:25.313	0.1	35.9		2.68		TAS					m_e	
GUNZ	148.01		PKPbc	02:32:25.426	0.3	35.9		2.68		TAS					m_e	
KAST	148.69		PKPbc	02:32:27.202		35.9		2.68		TAS					m_e	

MANZ	148.40	PKPbc	02:32:26.522	-0.6	35.9	2.68	TAS										m_e
MOX	148.06	L	03:40:47.916				T__				1423.2	21.80	a_e Ms				5.7
NEUB	147.55	PKPbc	02:32:23.840	0.4	35.9	2.68	TAS										m_e
NRDL	147.04	PKPbc	02:32:22.442	0.4	35.9	2.68	TAS										m_e
PLN	147.98	PKPbc	02:32:25.275	0.1	35.9	2.68	TAS										m_e
RJOB	149.87	PKPbc	02:32:29.695		35.9	2.68	TAS										m_e
RUE	145.78	PKPbc	02:32:18.759	-0.2	35.9	2.68	TAS										m_e
TANN	147.92	PKPbc	02:32:25.200	0.3	35.9	2.68	TAS										m_e
TNS	149.52	PKPbc	02:32:29.620		35.9	2.68	TAS										m_e
UBR	151.04	PKPbc	02:32:32.793		35.9	2.68	TAS										m_e
WERD	147.95	PKPbc	02:32:25.426	-0.0	35.9	2.68	TAS										m_e
WERN	148.05	PKPbc	02:32:25.691	-0.6	35.9	2.68	TAS										m_e
WET	148.75	PKPbc	02:32:27.315		35.9	2.68	TAS										m_e
WLF	150.73	PKPbc	02:32:32.982		35.9	2.68	TAS										m_e

Event 50330011 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/30	07:56:53.18			-16.0970	-173.0520				10.0					145.33	146.31	m i ke	BGR
OrigID 50330017																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.2		BGR	50330017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	146.31		PKPbc	08:16:33.150		7.4		3.04		TAS					m_e
GRA1	146.31		L	09:25:11.512						T__		3831.8	19.40	a_e Ms	6.2
MOX	145.33		L	09:24:45.146						T__		4898.4	19.10	a_e Ms	6.3

Event 50330012 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/30	08:18:00.80			-15.3900	-172.9000				12.0				14	141.46	147.40	m i ke	EMSC
OrigID 50330044																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.5		BGR	50330018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.14		PKPbc	08:37:44.952		7.1		3.17		TAS					m_e
BFO	147.14		L	09:47:55.714						T__		4690.8	20.80	a_e Ms	6.3
BSEG	141.46		L	09:39:29.516						T__		8431.4	20.80	a_e Ms	6.5
CLL	143.86		L	09:45:57.705						T__		9181.8	19.80	a_e Ms	6.5

PLN	144.87	PKPbc	09:08:01.530	7.1	3.16	TAS	m_e
RJOB	147.52	PKPbc	09:08:10.460	7.1	3.16	TAS	m_e
ROTZ	145.58	PKPbc	09:08:04.482	7.1	3.16	TAS	m_e
STU	146.78	PKPbc	09:08:08.443	7.1	3.16	TAS	m_e
TANN	144.91	PKPbc	09:08:02.106	7.1	3.16	TAS	m_e
TNS	145.36	PKPbc	09:08:03.474	7.1	3.16	TAS	m_e
TNS	145.36	L	10:16:07.398			T__	12701.5 19.40 a_e Ms 6.7
UBBA	144.70	PKPbc	09:08:01.385	-0.1 7.1	3.16	TAS	m_e
UBR	147.82	PKPbc	09:08:11.324	7.1	3.16	TAS	m_e
WERN	145.05	PKPbc	09:08:02.538	7.1	3.16	TAS	m_e
WET	146.12	PKPbc	09:08:06.427	7.1	3.16	TAS	m_e
WET	146.12	L	10:14:44.785			T__	10540.7 21.30 a_e Ms 6.6
WLF	145.93	PKPbc	09:08:06.067	7.1	3.16	TAS	m_e

Event 50330014 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/30	18:02:10.50			-15.5800	-172.8200				9.0			13		141.65	147.60	m i ke	NEIC
50330068																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.5		BGR	50330020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	145.13		PKPbc	18:21:48.587		6.9		2.95		TAS				m_e	
BFO	147.33		PKPbc	18:21:55.877		6.9		2.95		TAS				m_e	
BFO	147.33		L	19:32:07.772						T__		602.7	21.70	a_e Ms	5.3
BSEG	141.65		L	19:23:56.033						T__		1040.4	21.50	a_e Ms	5.6
FUR	147.33		PKPbc	18:21:56.029		6.9		2.95		TAS				m_e	
FUR	147.33		L	19:28:45.966						T__		1065.2	20.00	a_e Ms	5.6
GEC2	146.40		PKPbc	18:21:53.143		6.9		2.95		TAS				m_e	
GEC2	146.40		L	19:25:18.621						T__		1291.5	21.90	a_e Ms	5.7
GRA1	145.82		PKPbc	18:21:52.080		6.9		2.95		TAS				m_e	
GRA1	145.82		L	19:27:32.895						T__		821.4	21.20	a_e Ms	5.5
GUNZ	145.06		PKPbc	18:21:48.890		6.9		2.95		TAS				m_e	
MANZ	145.45		PKPbc	18:21:50.257		6.9		2.95		TAS				m_e	
MOX	144.84		L	19:27:13.127						T__		754.7	21.00	a_e Ms	5.4
RJOB	147.60		PKPbc	18:21:55.726		6.9		2.95		TAS				m_e	
ROTZ	145.66		PKPbc	18:21:51.017		6.9		2.95		TAS				m_e	
TNS	145.43		PKPbc	18:21:49.802		6.9		2.95		TAS				m_e	
TNS	145.43		L	19:29:27.497						T__		930.8	20.40	a_e Ms	5.5
WERN	145.13		PKPbc	18:21:49.194		6.9		2.95		TAS				m_e	
WET	146.20		PKPbc	18:21:52.688		6.9		2.95		TAS				m_e	
WET	146.20		L	19:28:44.052						T__		1053.0	20.60	a_e Ms	5.6
WLF	146.00		PKPbc	18:21:52.688		6.9		2.95		TAS				m_e	

Event 50331005 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/03/31	12:18:24.40			-4.8500	152.5100				33.0				17	122.22	127.08	m i ke	NEIC
OrigID 50331059																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.7		BGR	50331011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	127.00		L	13:36:00.593						T__		1188.4	21.20	a_e Ms	5.5
BRG	122.57		PKPdf	12:37:16.083	-0.0	51.5		1.97		TAS				m_e	
BSEG	122.22		PKPdf	12:37:15.526	-0.3	51.5		1.97		TAS				m_e	
BSEG	122.22		L	13:30:07.259						T__		1066.7	22.00	a_e Ms	5.5
CLL	122.75		PKPdf	12:37:16.295	0.2	51.5		1.97		TAS				m_e	
CLL	122.75		L	13:35:40.438						T__		2015.2	19.50	a_e Ms	5.8
CLZ	123.64		PKPdf	12:37:18.553	-0.4	51.5		1.97		TAS				m_e	
FBE	122.83		PKPdf	12:37:16.852	0.2	51.5		1.97		TAS				m_e	
FLT1	122.91		PKPdf	12:37:16.616	0.1	51.5		1.97		TAS				m_e	
FUR	125.63		L	13:33:20.682						T__		1889.1	21.90	a_e Ms	5.7
GEC2	123.95		PKPdf	12:37:18.650		51.5		1.97		TAS				m_e	
GEC2	123.95		L	13:32:14.544						T__		2989.0	21.70	a_e Ms	5.9
GRA1	124.67		PKPdf	12:37:20.307		51.5		1.97		TAS				m_e	
GRA1	124.67		L	13:33:12.136						T__		2086.1	20.40	a_e Ms	5.8
GUNZ	123.69		PKPdf	12:37:18.404	0.3	51.5		1.97		TAS				m_e	
KAST	124.96		PKPdf	12:37:20.780		51.5		1.97		TAS				m_e	
MANZ	124.04		PKPdf	12:37:19.183		51.5		1.97		TAS				m_e	
NRDL	123.31		PKPdf	12:37:17.609	0.1	51.5		1.97		TAS				m_e	
RJOB	125.10		PKPdf	12:37:20.562		51.5		1.97		TAS				m_e	
TANN	123.59		PKPdf	12:37:18.016	-0.3	51.5		1.97		TAS				m_e	
TNS	125.64		L	13:33:37.117						T__		1783.4	20.80	a_e Ms	5.7
UBR	126.54		PKPdf	12:37:23.423		51.5		1.97		TAS				m_e	
WERN	123.72		PKPdf	12:37:18.404		51.5		1.97		TAS				m_e	
WET	124.19		L	13:36:21.621						T__		1787.2	19.80	a_e Ms	5.7
WLF	127.08		PKPdf	12:37:25.478		51.5		1.97		TAS				m_e	