

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

(produced by SZO/BGR - HANNOVER)

August 2015            UPDATED    12.October.2017

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

Event 50801001 East of Australia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/01	03:38:32.92			-28.5290	156.0910				10.0			11		143.88	148.87	m i ke	BGR
OrigID 50801007																	

Magnitude    Err Nsta Author            OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	147.91		PKPbc	03:58:19.497		64.7		3.57		TAS					m_e
BFO	148.27		PKPbc	03:58:20.331		64.7		3.57		TAS					m_e
BRG	143.88		PP	04:01:21.767						T__					m_e
BUG	147.32		PKPbc	03:58:17.776		64.7		3.57		TAS					m_e
CLL	144.24		PP	04:01:23.857						T__					m_e
CLZ	145.46		PKPbc	03:58:10.628		64.7		3.57		TAS					m_e
FUR	146.55		PKPbc	03:58:14.866		64.7		3.57		TAS					m_e
GEC2	144.80		PKPdf	03:58:10.469		64.7		3.57		TAS					m_e
GEC2	144.80		PP	04:01:27.960						T__					m_e
KAST	146.84		PKPbc	03:58:15.955		64.7		3.57		TAS					m_e
MILB	147.02		PKPbc	03:58:16.651		64.7		3.57		TAS					m_e
MOX	145.32		PP	04:01:30.792						T__					m_e
NEUB	144.99		PP	04:01:28.943						T__					m_e
ROTZ	145.35		PP	04:01:31.579						T__					m_e
STU	147.56		PKPbc	03:58:18.308		64.7		3.57		TAS					m_e
TNS	147.31		PKPbc	03:58:17.661		64.7		3.57		TAS					m_e
UBR	147.47		PKPbc	03:58:17.978		64.7		3.57		TAS					m_e
WERN	145.03		PKPbc	04:01:29.929		64.7		3.57		TAS					m_e
WET	145.19		PP	04:01:30.354						T__					m_e
WLF	148.87		PKPbc	03:58:23.135		64.7		3.57		TAS					m_e

Event 50801002 Eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/01	14:24:45.31			38.6230	140.7250				33.0			18		78.40	83.66	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	50801008
Ms	4.0		BGR	50801008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	82.32		P	14:37:02.193		37.6		5.31		TAS		4.3	0.67	m_e mb	4.7
BFO	83.66		P	14:37:08.730		37.6		5.31		TAS		4.3	0.79	m_e mb	4.7
BRG	79.41		P	14:36:46.294	0.1	37.6		5.31		TAS		2.3	0.81	m_e mb	4.2
BSEG	78.40		P	14:36:40.018	0.2	37.6		5.31		TAS		5.5	0.83	m_e mb	4.7
BUG	81.51		P	14:36:57.303		37.6		5.31		TAS		4.0	0.81	m_e mb	4.6
CLL	79.45		P	14:36:45.983	0.1	37.6		5.31		TAS		5.2	0.75	m_e mb	4.6
CLZ	80.05		P	14:36:49.744	0.3	37.6		5.31		TAS		4.7	0.78	m_e mb	4.5
FLT1	79.33		P	14:36:45.595	0.9	37.6		5.31		TAS		5.8	0.75	m_e mb	4.7
GEC2	81.08		P	14:36:54.901		37.6		5.31		TAS		1.3	0.75	m_e mb	4.1
GRA1	81.43		P	14:36:57.733		37.6		5.31		TAS		6.4	0.78	m_e mb	4.7
GRA1	81.43		L	14:54:24.768						T__		64.3	21.40	a_e Ms	3.9
GUNZ	80.46		P	14:36:51.993	-1.3	37.6		5.31		TAS		1.8	0.73	m_e mb	4.1
IBBN	80.63		P	14:36:52.694		37.6		5.31		TAS		4.9	0.74	m_e mb	4.6
MANZ	80.84		P	14:36:54.280		37.6		5.31		TAS		2.3	0.92	m_e mb	4.2
MOX	80.52		P	14:36:52.225		37.6		5.31		TAS		4.9	1.15	m_e mb	4.4
MOX	80.52		L	14:55:13.707						T__		71.8	19.50	a_e Ms	4.0
ROTZ	80.97		P	14:36:53.972		37.6		5.31		TAS		2.0	0.80	m_e mb	4.2
UBR	83.48		P	14:37:06.537		37.6		5.31		TAS		4.1	0.99	m_e mb	4.6
WERN	80.50		P	14:36:52.940	-0.0	37.6		5.31		TAS		2.4	0.80	m_e mb	4.2
WET	81.19		P	14:36:55.987		37.6		5.31		TAS		2.9	0.99	m_e mb	4.3

Event 50802001 Eastern Xizang-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/02	05:57:56.100			29.0800	95.3500				33.0			19		62.81	67.94	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50802007
Ms	3.9		BGR	50802007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	67.02		P	06:08:46.848		74.3		6.52		TAS		2.5	0.90	m_e mb	4.4

BRG	62.81	P	06:08:19.726	0.1	74.3	6.52	TAS	3.3	0.86	m_e	mb	4.5
BSEG	64.23	P	06:08:29.270	-0.3	74.3	6.52	TAS	6.2	1.03	m_e	mb	4.8
CLL	63.28	P	06:08:23.049		74.3	6.52	TAS	1.6	0.81	m_e	mb	4.2
CLZ	64.74	P	06:08:32.756		74.3	6.52	TAS	5.0	0.82	m_e	mb	4.8
FLT1	64.10	P	06:08:28.743	0.5	74.3	6.52	TAS	4.3	1.03	m_e	mb	4.6
FUR	65.19	P	06:08:36.092		74.3	6.52	TAS	15.5	0.73	m_e	mb	5.3
GEC2	63.45	P	06:08:24.356	-0.2	74.3	6.52	TAS	2.5	0.79	m_e	mb	4.4
GRA1	64.80	P	06:08:33.842		74.3	6.52	TAS	4.7	0.78	m_e	mb	4.8
GRA1	64.80	L	06:29:56.381				T__	65.6	18.80	a_e	Ms	3.8
GTTG	65.06	P	06:08:34.669		74.3	6.52	TAS	2.7	0.86	m_e	mb	4.5
GUNZ	63.93	P	06:08:27.489	0.1	74.3	6.52	TAS	3.6	0.87	m_e	mb	4.6
MANZ	64.16	P	06:08:30.300	0.3	74.3	6.52	TAS	2.0	0.85	m_e	mb	4.4
MOX	64.30	P	06:08:29.213		74.3	6.52	TAS	2.0	1.04	m_e	mb	4.3
MOX	64.30	L	06:27:01.482				T__	91.1	20.40	a_e	Ms	4.0
NRDL	64.72	P	06:08:32.698		74.3	6.52	TAS	9.4	1.10	m_e	mb	4.9
ROTZ	64.16	P	06:08:29.309	-0.9	74.3	6.52	TAS	5.4	0.90	m_e	mb	4.8
UBR	66.08	P	06:08:40.625		74.3	6.52	TAS	2.7	0.90	m_e	mb	4.5
WERD	63.92	P	06:08:27.058	0.1	74.3	6.52	TAS	26.1	1.39	m_e	mb	5.3
WERN	63.92	P	06:08:27.687	0.1	74.3	6.52	TAS	3.1	1.03	m_e	mb	4.5
WET	63.90	P	06:08:27.495	1.1	74.3	6.52	TAS	3.5	0.94	m_e	mb	4.6
WLF	67.94	P	06:08:54.156		74.3	6.52	TAS	19.6	1.18	m_e	mb	5.2

Event 50802003 Southern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/02	06:58:27.31	7.51	1.01	40.8520	15.0900	159.0	34.5	160	240.0				15	331	7.70	11.34	m i ke BGR
OrigID 50802009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	11.19	P		07:00:58.761	-1.0					T__		5.2	0.77	m_e	
BFO	8.89	P		07:00:29.730	-1.2					T__		11.0	0.63	m_e	
BRG	10.05	P		07:00:45.186	-0.3					T__		2.7	0.74	m_e	
CLL	10.56	P		07:00:51.980	-0.3					T__		2.7	0.73	m_e	
FUR	7.80	P		07:00:17.261	0.1					T__		21.1	0.72	m_e	
GEC2	8.05	P		07:00:19.844	-0.5					T__		3.8	0.69	m_e	
GRA1	9.25	P		07:00:34.690	-0.7					T__		12.0	0.73	m_e	
GTTG	11.27	P		07:01:01.622	0.9					T__		8.2	0.85	m_e	
GUNZ	9.71	P		07:00:41.974	-0.3					T__		3.4	0.77	m_e	
KAST	11.34	P		07:01:03.153	1.5					T__		3.3	0.85	m_e	
MANZ	9.37	P		07:00:35.401	-0.3					T__		3.1	0.86	m_e	
MILB	9.86	P		07:00:43.299						T__		6.6	0.83	m_e	
MOX	10.09	P		07:00:48.384	2.4					T__		2.7	0.80	m_e	
ROTZ	9.14	P		07:00:33.319	-0.7					T__		1.9	0.76	m_e	
STU	8.96	P		07:00:31.017	-0.7					T__		9.5	0.72	m_e	

TNS	10.46	P	07:00:50.766	0.1	T__	13.3	0.74	m_e
UBBA	10.58	P	07:00:53.287	-0.3	T__	2.0	0.60	m_e
UBR	7.70	P	07:00:15.846	-0.1	T__	17.2	0.74	m_e
WET	8.44	P	07:00:24.342	-0.8	T__	5.5	0.83	m_e
WLF	10.82	P	07:00:56.305	1.1	T__	5.3	0.85	m_e

Event 50802004 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2015/08/02	07:50:13.75			46.3100	147.0100				130.0			31		72.75	79.08	m i ke	BGR
50802010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50802010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.50	P		08:01:55.631	-0.8	29.9		5.67		TAS		20.9	1.01	m_e mb	5.2
ASSE	75.03	P		08:01:41.515	-0.2	29.9		5.67		TAS		14.3	1.06	m_e mb	4.9
BFO	79.08	P		08:02:03.836		29.9		5.67		TAS		16.4	1.33	m_e mb	4.9
BRG	75.07	P		08:01:41.673	-0.1	29.9		5.67		TAS		19.5	1.28	m_e mb	5.0
BSEG	73.56	P		08:01:33.576	-0.3	29.9		5.67		TAS		27.9	1.03	m_e mb	5.2
BUG	76.64	P		08:01:50.573	0.3	29.9		5.67		TAS		22.3	1.16	m_e mb	5.2
CLL	75.00	P		08:01:41.267	0.4	29.9		5.67		TAS		50.8	0.92	m_e mb	5.5
CLZ	75.37	P		08:01:43.964	0.1	29.9		5.67		TAS		30.4	0.90	m_e mb	5.3
FLT1	74.68	P		08:01:39.360	-0.1	29.9		5.67		TAS		32.0	0.80	m_e mb	5.4
GEC2	76.88	P		08:01:52.528	-0.1	29.9		5.67		TAS		8.2	1.08	m_e mb	4.8
GRA1	76.97	P		08:01:53.060	0.0	29.9		5.67		TAS		44.7	0.97	m_e mb	5.6
GTTG	75.75	P		08:01:45.815	0.0	29.9		5.67		TAS		24.4	0.91	m_e mb	5.3
GUNZ	76.03	P		08:01:47.367	-0.1	29.9		5.67		TAS		13.9	0.99	m_e mb	5.0
IBBN	75.73	P		08:01:45.502	-0.1	29.9		5.67		TAS		30.1	0.80	m_e mb	5.5
KAST	76.52	P		08:01:49.908	0.4	29.9		5.67		TAS		17.9	1.09	m_e mb	5.1
LNIZ	72.75	P		08:01:28.847	0.3	29.9		5.67		TAS		30.1	0.57	m_e mb	5.6
MANZ	76.43	P		08:01:49.574	-0.2	29.9		5.67		TAS		9.8	1.01	m_e mb	4.9
MILB	77.46	P		08:01:55.254	1.3	29.9		5.67		TAS		16.3	0.89	m_e mb	5.2
MOX	76.02	P		08:01:47.334	-0.4	29.9		5.67		TAS		19.7	1.17	m_e mb	5.1
NEUB	75.50	P		08:01:44.113	-0.0	29.9		5.67		TAS		42.1	1.10	m_e mb	5.4
NRDL	74.88	P		08:01:40.742	-0.2	29.9		5.67		TAS		12.9	0.91	m_e mb	4.9
PLN	75.98	P		08:01:47.016	0.1	29.9		5.67		TAS		12.1	1.04	m_e mb	5.0
ROTZ	76.59	P		08:01:50.769	0.3	29.9		5.67		TAS		12.6	0.97	m_e mb	5.0
RUE	73.75	P		08:01:34.488	-0.1	29.9		5.67		TAS		57.3	1.25	m_e mb	5.5
STU	78.43	P		08:02:00.636		29.9		5.67		TAS		16.7	0.96	m_e mb	5.1
TNS	77.37	P		08:01:54.848	-0.3	29.9		5.67		TAS		19.0	1.20	m_e mb	5.1
UBBA	76.38	P		08:01:48.951	0.3	29.9		5.67		TAS		10.7	1.15	m_e mb	4.9
WERD	75.97	P		08:01:46.959	0.0	29.9		5.67		TAS		12.5	0.87	m_e mb	5.1
WERN	76.08	P		08:01:47.762	-0.2	29.9		5.67		TAS		20.1	1.08	m_e mb	5.2
WET	76.90	P		08:01:52.607	-0.2	29.9		5.67		TAS		24.3	1.19	m_e mb	5.2

WLF 78.55 P 08:02:02.849 29.9 5.67 TAS 78.6 2.61 m\_e mb 5.3

Event 50802005 Off west coast of South Island, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/02	13:00:39.32			-40.9700	167.7500				33.0			26		158.25	162.96	m i ke	BGR
OrigID 50802011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	159.36		PKPab	13:21:09.182	-0.1	66.9		4.53		TAS					m_e
BSEG	160.08		PKPab	13:21:13.088	-0.2	66.9		4.53		TAS					m_e
BUG	162.96		PKPab	13:21:25.621		66.9		4.53		TAS					m_e
CLL	159.77		PKPab	13:21:10.558	-0.5	66.9		4.53		TAS					m_e
CLZ	161.07		PKPab	13:21:17.223	-0.3	66.9		4.53		TAS					m_e
FLT1	160.37		PKPab	13:21:13.349	-0.1	66.9		4.53		TAS					m_e
GEC2	160.07		PKPab	13:21:13.017	-0.5	66.9		4.53		TAS					m_e
GRA1	161.40		PKPab	13:21:19.604	-0.3	66.9		4.53		TAS					m_e
GTTG	161.43		PKPab	13:21:18.734	0.1	66.9		4.53		TAS					m_e
GUNZ	160.50		PKPab	13:21:14.433	-0.2	66.9		4.53		TAS					m_e
IBBN	162.25		PKPab	13:21:22.785		66.9		4.53		TAS					m_e
KAST	162.45		PKPab	13:21:23.298		66.9		4.53		TAS					m_e
LNIZ	158.25		PKPab	13:21:04.762	0.4	66.9		4.53		TAS					m_e
MANZ	160.76		PKPab	13:21:15.723	0.3	66.9		4.53		TAS					m_e
MILB	162.52		PKPab	13:21:23.256		66.9		4.53		TAS					m_e
MOX	160.83		PKPab	13:21:15.695	0.2	66.9		4.53		TAS					m_e
NEUB	160.53		PKPab	13:21:14.305	0.1	66.9		4.53		TAS					m_e
NRDL	160.91		PKPab	13:21:16.703	1.0	66.9		4.53		TAS					m_e
RGN	158.25		PKPab	13:21:04.710	-0.1	66.9		4.53		TAS					m_e
ROTZ	160.76		PKPab	13:21:15.979	0.2	66.9		4.53		TAS					m_e
RUE	158.89		PKPab	13:21:07.295	0.2	66.9		4.53		TAS					m_e
TNS	162.86		PKPab	13:21:25.024		66.9		4.53		TAS					m_e
UBBA	161.71		PKPab	13:21:19.555	-0.0	66.9		4.53		TAS					m_e
WERD	160.49		PKPab	13:21:14.248	0.0	66.9		4.53		TAS					m_e
WERN	160.50		PKPab	13:21:14.520	-0.1	66.9		4.53		TAS					m_e
WET	160.52		PKPab	13:21:14.908	0.2	66.9		4.53		TAS					m_e

Event 50803001 West of Macquarie Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/03	05:16:39.09			-53.1900	141.4000				33.0			13		147.42	151.02	m i ke	BGR
OrigID 50803007																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	150.35		PKPbc	05:36:26.912		115.7		2.62		TAS				m_e		
BRG	148.19		PKPbc	05:36:21.479	0.2	115.7		2.62		TAS				m_e		
CLZ	150.63		PKPbc	05:36:28.070	-0.1	115.7		2.62		TAS				m_e		
FLT1	150.32		PKPbc	05:36:26.337	0.3	115.7		2.62		TAS				m_e		
GEC2	147.42		PKPbc	05:36:18.825		115.7		2.62		TAS				m_e		
GUNZ	148.90		PKPbc	05:36:23.392		115.7		2.62		TAS				m_e		
MANZ	148.87		PKPbc	05:36:23.259		115.7		2.62		TAS				m_e		
MOX	149.43		PKPbc	05:36:23.588		115.7		2.62		TAS				m_e		
NRDL	151.02		PKPbc	05:36:29.773		115.7		2.62		TAS				m_e		
ROTZ	148.72		PKPbc	05:36:22.782		115.7		2.62		TAS				m_e		
UBBA	150.44		PKPbc	05:36:27.289		115.7		2.62		TAS				m_e		
UBR	148.99		PKPbc	05:36:23.436		115.7		2.62		TAS				m_e		
WERD	148.95		PKPbc	05:36:23.315		115.7		2.62		TAS				m_e		
WET	148.04		PKPbc	05:36:20.674		115.7		2.62		TAS				m_e		

Event 50803002 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2015/08/03	05:30:10.15		38.1600	141.8900					33.0			27		77.66	84.51	m i ke	BGR
50803008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50803008
Ms	4.5		BGR	50803008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.15		P	05:42:33.243		37.1		5.33		TAS		25.5	1.07	m_e mb	5.4
ASSE	80.55		P	05:42:18.910	0.5	37.1		5.33		TAS		33.7	1.62	m_e mb	5.1
BFO	84.51		P	05:42:39.829		37.1		5.33		TAS		52.4	1.29	m_e mb	5.6
BRG	80.28		P	05:42:17.745	-0.2	37.1		5.33		TAS		16.4	1.03	m_e mb	4.9
BSEG	79.23		P	05:42:12.462	-0.3	37.1		5.33		TAS		37.6	1.09	m_e mb	5.3
CLL	80.31		P	05:42:17.540	-0.3	37.1		5.33		TAS		37.6	1.18	m_e mb	5.2
CLZ	80.89		P	05:42:21.489	0.1	37.1		5.33		TAS		50.4	1.27	m_e mb	5.4
FLT1	80.18		P	05:42:16.896	-0.5	37.1		5.33		TAS		30.9	0.99	m_e mb	5.2
FUR	83.48		P	05:42:34.887		37.1		5.33		TAS		36.9	0.66	m_e mb	5.7
GEC2	81.96		P	05:42:26.565	-0.1	37.1		5.33		TAS		18.1	1.29	m_e mb	5.0
GRA1	82.29		P	05:42:28.889	-0.5	37.1		5.33		TAS		71.7	1.43	m_e mb	5.6
GRA1	82.29		L	06:22:17.317						T__		196.5	19.50	a_e Ms	4.5
GTTG	81.28		P	05:42:23.255	0.2	37.1		5.33		TAS		23.4	0.94	m_e mb	5.2
GUNZ	81.32		P	05:42:23.573	-0.1	37.1		5.33		TAS		32.3	1.50	m_e mb	5.1
IBBN	81.45		P	05:42:24.091	0.2	37.1		5.33		TAS		29.9	0.76	m_e mb	5.4
KAST	82.12		P	05:42:27.538	0.2	37.1		5.33		TAS		17.6	1.25	m_e mb	5.0

LNIZ	78.14	P	05:42:06.078	-0.3	37.1	5.33	TAS	115.2	1.46	m_e	mb	5.8
MANZ	81.70	P	05:42:25.682	-0.2	37.1	5.33	TAS	16.8	1.04	m_e	mb	5.1
MOX	81.37	P	05:42:23.590	0.3	37.1	5.33	TAS	27.0	1.36	m_e	mb	5.1
MOX	81.37	L	06:21:48.251				T__	229.1	19.20	a_e	Ms	4.5
NEUB	80.88	P	05:42:20.912	0.1	37.1	5.33	TAS	43.8	1.15	m_e	mb	5.4
NRDL	80.46	P	05:42:18.515	-0.1	37.1	5.33	TAS	17.5	1.28	m_e	mb	4.8
PLN	81.29	P	05:42:23.299	0.2	37.1	5.33	TAS	20.5	1.47	m_e	mb	4.9
RGN	77.66	P	05:42:04.004	0.2	37.1	5.33	TAS	51.1	1.16	m_e	mb	5.5
ROTZ	81.84	P	05:42:26.358	-0.2	37.1	5.33	TAS	35.4	1.33	m_e	mb	5.3
RUE	79.10	P	05:42:11.517	0.3	37.1	5.33	TAS	53.8	1.33	m_e	mb	5.4
STU	83.82	P	05:42:36.447		37.1	5.33	TAS	27.4	0.81	m_e	mb	5.5
TNS	82.91	P	05:42:31.515		37.1	5.33	TAS	12.2	1.01	m_e	mb	5.1
UBBA	81.85	P	05:42:25.939	0.2	37.1	5.33	TAS	16.6	1.34	m_e	mb	5.0
UBR	84.34	P	05:42:37.209		37.1	5.33	TAS	11.9	0.84	m_e	mb	5.2
WERD	81.26	P	05:42:23.098	0.1	37.1	5.33	TAS	18.3	1.43	m_e	mb	4.9
WERN	81.36	P	05:42:23.761	0.1	37.1	5.33	TAS	41.9	1.52	m_e	mb	5.2
WET	82.06	P	05:42:27.481	0.4	37.1	5.33	TAS	23.1	1.26	m_e	mb	5.2

Event 50803008 Southwestern Pakistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/03	13:16:08.20			27.5700	64.9900				33.0			31		44.57	49.58	m i ke	BGR
50803014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50803014
Ms	4.5		BGR	50803014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	49.05		P	13:24:54.759		99.1		7.82		TAS		80.1	1.50	m_e	mb	5.5
ASSE	47.02		P	13:24:38.148	0.2	99.1		7.82		TAS		96.1	2.33	m_e	mb	5.5
BFO	48.05		P	13:24:45.435	-0.1	99.1		7.82		TAS		18.1	1.11	m_e	mb	5.1
BRG	44.78		P	13:24:21.403	0.1	99.1		7.82		TAS		64.4	1.54	m_e	mb	5.3
BSEG	47.56		P	13:24:42.759	-1.0	99.1		7.82		TAS		38.9	1.28	a_e	mb	5.4
BUG	49.02		P	13:24:54.359		99.1		7.82		TAS		47.7	0.85	a_e	mb	5.5
CLL	45.45		P	13:24:26.338	-0.2	99.1		7.82		TAS		27.9	1.38	m_e	mb	5.0
CLZ	47.16		P	13:24:39.799	0.2	99.1		7.82		TAS		46.4	1.28	m_e	mb	5.5
FLT1	46.72		P	13:24:35.859	-0.1	99.1		7.82		TAS		44.9	1.33	a_e	mb	5.4
GEC2	44.57		P	13:24:19.220	-0.3	99.1		7.82		TAS		134.6	2.23	m_e	mb	5.5
GRA1	46.30		P	13:24:33.859	-0.7	99.1		7.82		TAS		104.7	1.68	a_e	mb	5.6
GRA1	46.30		L	13:48:34.553						T__		545.3	20.80	a_e	Ms	4.5
GTTG	47.36		P	13:24:41.709	-0.5	99.1		7.82		TAS		42.0	1.27	a_e	mb	5.4
GUNZ	45.70		P	13:24:28.909	0.1	99.1		7.82		TAS		100.1	2.47	a_e	mb	5.4
IBBN	48.82		P	13:24:52.759		99.1		7.82		TAS		100.7	1.54	a_e	mb	5.6
KAST	48.28		P	13:24:49.059	0.2	99.1		7.82		TAS		14.8	1.00	a_e	mb	5.1
LNIZ	45.21		P	13:24:23.809	-0.3	99.1		7.82		TAS				a_e		

MANZ	45.78	P	13:24:29.312	0.2	99.1	7.82	TAS	33.2	1.44	m_e	mb	5.2
MILB	47.56	P	13:24:43.089	0.3	99.1	7.82	TAS	45.8	1.26	m_e	mb	5.5
MOX	46.20	P	13:24:32.638	-0.1	99.1	7.82	TAS	40.3	0.98	m_e	mb	5.4
MOX	46.20	L	13:49:24.054				T__	512.8	19.50	a_e	Ms	4.5
NEUB	46.19	P	13:24:32.709	-0.5	99.1	7.82	TAS	73.9	1.52	a_e	mb	5.5
NRDL	47.43	P	13:24:42.109	0.1	99.1	7.82	TAS	61.1	1.47	a_e	mb	5.5
PLN	45.83	P	13:24:29.709	0.3	99.1	7.82	TAS	26.1	1.42	a_e	mb	5.1
RUE	45.22	P	13:24:24.109	-0.5	99.1	7.82	TAS	38.1	1.04	a_e	mb	5.3
STU	47.52	P	13:24:41.909	0.4	99.1	7.82	TAS	36.8	0.87	a_e	mb	5.5
TNS	48.15	P	13:24:48.080	0.1	99.1	7.82	TAS	66.2	1.40	m_e	mb	5.6
UBBA	47.24	P	13:24:40.683	0.2	99.1	7.82	TAS	122.5	2.26	m_e	mb	5.6
UBR	46.81	P	13:24:36.459	0.1	99.1	7.82	TAS	74.8	1.44	a_e	mb	5.6
WERD	45.73	P	13:24:28.909	0.2	99.1	7.82	TAS	21.8	1.24	a_e	mb	5.0
WERN	45.66	P	13:24:28.709	0.5	99.1	7.82	TAS	48.6	1.80	a_e	mb	5.2
WET	45.15	P	13:24:23.959	-0.1	99.1	7.82	TAS	25.1	1.63	a_e	mb	4.9
WLF	49.58	P	13:24:58.919		99.1	7.82	TAS	72.4	1.23	m_e	mb	5.5

Event 50803009 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/03	14:01:53.25			-15.9690	-174.1140				160.0			32		141.96	148.19	m i ke	BGR
	50803015																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	145.50		PKPdf	14:21:10.439		9.2		3.20		TAS					m_e
ASSE	143.72		PKPbc	14:21:05.185	0.2	9.2		3.20		TAS					m_e
BFO	147.67		PKPdf	14:21:14.261		9.2		3.20		TAS					m_e
BFO	147.67		PKPbc	14:21:17.661		9.2		3.20		TAS					m_e
BRG	144.58		PKPbc	14:21:08.300	-0.3	9.2		3.20		TAS					m_e
BSEG	141.96		PKPbc	14:21:00.100	-0.6	9.2		3.20		TAS					m_e
BUG	144.60		PKPbc	14:21:08.374	0.3	9.2		3.20		TAS					m_e
CLL	144.29		PKPbc	14:21:07.082	0.0	9.2		3.20		TAS					m_e
CLZ	144.03		PKPbc	14:21:06.783	-0.2	9.2		3.20		TAS					m_e
FLT1	143.47		PKPbc	14:21:04.046	-0.2	9.2		3.20		TAS					m_e
FUR	147.59		PKPdf	14:21:14.461		9.2		3.20		TAS					m_e
FUR	147.59		PKPbc	14:21:17.636		9.2		3.20		TAS					m_e
GEC2	146.59		PKPdf	14:21:12.183		9.2		3.20		TAS					m_e
GEC2	146.59		PKPbc	14:21:14.574		9.2		3.20		TAS					m_e
GRA1	146.09		PKPdf	14:21:10.946		9.2		3.20		TAS					m_e
GTTG	144.36		PKPbc	14:21:07.867	0.2	9.2		3.20		TAS					m_e
GUNZ	145.30		PKPdf	14:21:10.495		9.2		3.20		TAS					m_e
GUNZ	145.30		PKPbc	14:21:11.177	0.3	9.2		3.20		TAS					m_e
IBBN	143.72		PKPbc	14:21:05.717	0.3	9.2		3.20		TAS					m_e
KAST	144.79		PKPbc	14:21:09.205	0.5	9.2		3.20		TAS					m_e



MANZ	145.70	PKPdf	14:21:10.748		9.2	3.20	TAS	m_e
MILB	146.12	PKPdf	14:21:11.429		9.2	3.20	TAS	m_e
MILB	146.12	PKPbc	14:21:13.465	-0.8	9.2	3.20	TAS	m_e
MOX	145.10	PKPbc	14:21:10.135	0.7	9.2	3.20	TAS	m_e
NEUB	144.54	PKPbc	14:21:08.278	-0.5	9.2	3.20	TAS	m_e
NRDL	143.41	PKPbc	14:21:03.892	0.3	9.2	3.20	TAS	m_e
PLN	145.20	PKPbc	14:21:09.887	0.4	9.2	3.20	TAS	m_e
ROTZ	145.90	PKPdf	14:21:10.975		9.2	3.20	TAS	m_e
ROTZ	145.90	PKPbc	14:21:13.019	-0.2	9.2	3.20	TAS	m_e
RUE	143.04	PKPbc	14:21:02.644	-0.3	9.2	3.20	TAS	m_e
STU	147.18	PKPdf	14:21:13.389		9.2	3.20	TAS	m_e
STU	147.18	PKPbc	14:21:16.582		9.2	3.20	TAS	m_e
TNS	145.77	PKPdf	14:21:10.910		9.2	3.20	TAS	m_e
TNS	145.77	PKPbc	14:21:12.521	0.0	9.2	3.20	TAS	m_e
UBBA	145.08	PKPbc	14:21:09.369	0.7	9.2	3.20	TAS	m_e
UBR	148.19	PKPdf	14:21:14.853		9.2	3.20	TAS	m_e
UBR	148.19	PKPbc	14:21:18.994		9.2	3.20	TAS	m_e
WERD	145.22	PKPbc	14:21:10.734	0.6	9.2	3.20	TAS	m_e
WERN	145.37	PKPbc	14:21:11.400	0.3	9.2	3.20	TAS	m_e
WET	146.43	PKPdf	14:21:12.015		9.2	3.20	TAS	m_e
WET	146.43	PKPbc	14:21:14.296		9.2	3.20	TAS	m_e
WLF	146.39	PKPdf	14:21:12.019		9.2	3.20	TAS	m_e
WLF	146.39	PKPbc	14:21:14.780		9.2	3.20	TAS	m_e

Event 50803011 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/03	19:55:42.77			4.5190	95.0210				71.3	8.6		17		80.88	85.09	m i ke	BGR
50803017																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50803017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	84.45		P	20:08:07.233		91.8		5.19		TAS		2.8	0.71	m_e mb	4.6
BRG	80.88		P	20:07:46.541	0.4	91.8		5.19		TAS		4.4	0.97	m_e mb	4.5
BRG	80.88		pP	20:08:07.896	0.4					T__				m_e	
BSEG	83.25		P	20:08:01.283	-0.3	91.8		5.19		TAS		6.9	0.80	m_e mb	4.9
BSEG	83.25		pP	20:08:20.198	0.4					T__				m_e	
BUG	85.09		P	20:08:10.320	0.3	91.8		5.19		TAS		5.4	0.86	m_e mb	4.8
CLL	81.50		P	20:07:50.956	0.5	91.8		5.19		TAS		2.9	0.96	m_e mb	4.3
CLZ	83.16		P	20:08:00.847	0.4	91.8		5.19		TAS		8.3	1.10	m_e mb	4.9
CLZ	83.16		pP	20:08:20.294	0.4					T__				m_e	
GEC2	80.90		P	20:07:48.967		91.8		5.19		TAS		7.2	0.81	m_e mb	4.7
GEC2	80.90		pP	20:08:08.622						T__				m_e	
GUNZ	81.87		P	20:07:53.482		91.8		5.19		TAS		1.9	0.74	m_e mb	4.3

KAST	84.38	P	20:08:07.195	0.1	91.8	5.19	TAS	6.0	1.16	m_e	mb	4.7
MANZ	82.00	P	20:07:55.025		91.8	5.19	TAS	8.0	1.06	m_e	mb	4.8
MANZ	82.00	pP	20:08:14.654	0.4			T__			m_e		
MILB	83.82	P	20:08:04.109		91.8	5.19	TAS	3.2	0.71	m_e	mb	4.7
MOX	82.34	P	20:07:55.344		91.8	5.19	TAS	2.5	0.89	m_e	mb	4.4
ROTZ	81.93	P	20:07:54.482		91.8	5.19	TAS	3.6	0.82	m_e	mb	4.5
RUE	81.10	P	20:07:50.168	-1.0	91.8	5.19	TAS	16.5	0.58	m_e	mb	5.3
TNS	84.36	P	20:08:06.898		91.8	5.19	TAS	3.2	0.70	m_e	mb	4.7
TNS	84.36	pP	20:08:24.397	0.4			T__			m_e		
UBR	83.26	P	20:08:01.073		91.8	5.19	TAS	3.4	0.73	m_e	mb	4.7
WERN	81.84	P	20:07:53.975		91.8	5.19	TAS	2.8	1.01	m_e	mb	4.3
WET	81.46	P	20:07:52.238		91.8	5.19	TAS	3.8	0.97	m_e	mb	4.4
WET	81.46	pP	20:08:11.404	0.4			T__			m_e		

Event 50804001 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/04	03:33:18.91			47.3970	151.1090				33.0			25		74.90	79.39	m i ke	BGR
50804007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50804007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.64	P		03:45:09.974		26.6		5.63		TAS		11.4	0.91	m_e	mb	5.0
BFO	79.31	P		03:45:18.990		26.6		5.63		TAS		9.3	0.86	m_e	mb	4.8
BRG	75.40	P		03:44:56.671	-0.3	26.6		5.63		TAS		3.7	0.89	m_e	mb	4.4
BUG	76.76	P		03:45:05.007	-0.4	26.6		5.63		TAS		12.3	1.01	m_e	mb	5.0
CLL	75.30	P		03:44:56.525	0.4	26.6		5.63		TAS		7.5	0.78	m_e	mb	4.8
CLZ	75.57	P		03:44:58.890	0.3	26.6		5.63		TAS		8.3	0.88	m_e	mb	4.9
FLT1	74.90	P		03:44:54.189	-0.3	26.6		5.63		TAS		7.5	0.77	m_e	mb	4.8
FUR	78.61	P		03:45:15.526		26.6		5.63		TAS		16.3	0.73	m_e	mb	5.1
GEC2	77.26	P		03:45:07.875		26.6		5.63		TAS		4.8	0.81	m_e	mb	4.7
GRA1	77.26	P		03:45:08.370		26.6		5.63		TAS		16.7	0.74	m_e	mb	5.3
GTTG	75.95	P		03:45:00.174	0.3	26.6		5.63		TAS		5.4	0.66	m_e	mb	4.8
GUNZ	76.33	P		03:45:02.873	0.2	26.6		5.63		TAS		5.3	0.77	m_e	mb	4.7
IBBN	75.85	P		03:44:59.613	0.1	26.6		5.63		TAS		11.1	0.77	m_e	mb	5.1
KAST	76.68	P		03:45:04.787	0.0	26.6		5.63		TAS		7.2	0.88	m_e	mb	4.8
MANZ	76.74	P		03:45:04.945	-0.3	26.6		5.63		TAS		5.2	0.90	m_e	mb	4.7
MILB	77.69	P		03:45:10.473		26.6		5.63		TAS		16.6	0.86	m_e	mb	5.2
MOX	76.29	P		03:45:02.409	0.0	26.6		5.63		TAS		9.6	1.10	m_e	mb	4.8
NRDL	75.06	P		03:44:55.473	-0.0	26.6		5.63		TAS		5.6	0.90	m_e	mb	4.6
ROTZ	76.90	P		03:45:06.160	-0.4	26.6		5.63		TAS		5.6	0.78	m_e	mb	4.8
STU	78.67	P		03:45:15.466		26.6		5.63		TAS		10.3	0.78	m_e	mb	4.9
TNS	77.56	P		03:45:09.718		26.6		5.63		TAS		10.3	0.78	m_e	mb	5.0
UBBA	76.60	P		03:45:03.770	0.2	26.6		5.63		TAS		2.8	0.76	m_e	mb	4.5

UBR	79.39	P	03:45:19.504	26.6	5.63	TAS	3.6	0.75	m_e	mb	4.5	
WERN	76.39	P	03:45:03.332	0.1	26.6	5.63	TAS	7.0	0.77	m_e	mb	4.9
WET	77.25	P	03:45:08.297	26.6	5.63	TAS	9.7	0.91	m_e	mb	4.9	

Event 50804004 Pakistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/04	16:44:32.65			35.3900	71.9900				120.7	4.5		28		43.94	49.04	m i ke	BGR
50804010																	

Magnitude Err Nsta Author  
 mb 4.8 BGR

OrigID  
 50804010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	48.32		P	16:53:00.639		84.9		7.85		TAS		10.6	0.71	m_e	mb	5.1
BALST	48.42		P	16:53:00.448		84.9		7.85		TAS		4.9	0.78	m_e	mb	4.7
BFO	47.83		P	16:52:55.939		84.9		7.85		TAS		3.5	0.80	m_e	mb	4.5
BRG	43.94		P	16:52:25.817	-0.5	84.9		7.85		TAS		11.3	0.87	m_e	mb	4.6
BSEG	46.04		P	16:52:41.440	-0.2	84.9		7.85		TAS		17.0	0.79	m_e	mb	5.1
BUG	48.08		P	16:52:58.938		84.9		7.85		TAS		13.1	0.79	m_e	mb	5.1
CLL	44.52		P	16:52:29.670	-0.2	84.9		7.85		TAS		8.6	0.91	m_e	mb	4.7
CLZ	46.12		P	16:52:42.962	-0.2	84.9		7.85		TAS		13.0	1.01	m_e	mb	4.9
FLT1	45.56		P	16:52:38.153	0.4	84.9		7.85		TAS		25.0	0.83	m_e	mb	5.3
FLT1	45.56		pP	16:53:04.965						T__				m_e		
GEC2	44.23		P	16:52:27.706	0.5	84.9		7.85		TAS		2.2	0.74	m_e	mb	4.0
GTTG	46.40		P	16:52:45.597	-0.2	84.9		7.85		TAS		18.5	0.78	m_e	mb	5.2
GUNZ	45.00		P	16:52:34.173	-0.3	84.9		7.85		TAS		5.8	0.83	m_e	mb	4.5
IBBN	47.69		P	16:52:54.982		84.9		7.85		TAS		21.7	0.93	m_e	mb	5.3
IBBN	47.69		pP	16:53:23.419						T__				m_e		
MANZ	45.17		P	16:52:36.030	0.3	84.9		7.85		TAS		4.8	0.85	m_e	mb	4.5
MANZ	45.17		pP	16:53:03.548						T__				m_e		
MILB	47.00		P	16:52:50.441	0.1	84.9		7.85		TAS		10.6	0.74	m_e	mb	5.1
MILB	47.00		pP	16:53:17.867						T__				m_e		
MOX	45.43		P	16:52:37.451	0.1	84.9		7.85		TAS		5.7	0.88	m_e	mb	4.5
MOX	45.43		pP	16:53:05.780						T__				m_e		
NRDL	46.24		P	16:52:44.229	-0.5	84.9		7.85		TAS		9.5	0.84	m_e	mb	4.9
PLONS	47.33		P	16:52:52.101		84.9		7.85		TAS		9.4	0.77	m_e	mb	5.0
RJOB	44.94		P	16:52:33.969	0.3	84.9		7.85		TAS		34.5	0.78	m_e	mb	5.3
ROTZ	45.13		P	16:52:36.134	0.5	84.9		7.85		TAS		7.3	1.09	m_e	mb	4.5
ROTZ	45.13		pP	16:53:04.084						T__				m_e		
SLE	47.81		P	16:52:55.901		84.9		7.85		TAS				m_e		
SULZ	48.11		P	16:52:58.170		84.9		7.85		TAS		11.9	0.74	m_e	mb	5.1
TNS	47.49		P	16:52:53.593		84.9		7.85		TAS		6.0	0.77	m_e	mb	4.8
UBBA	46.44		P	16:52:45.524	0.5	84.9		7.85		TAS		3.0	0.68	m_e	mb	4.4
UBR	46.75		P	16:52:47.813	-0.3	84.9		7.85		TAS				m_e		
WERN	44.98		P	16:52:35.018	-0.3	84.9		7.85		TAS		2.3	0.75	m_e	mb	4.2

WERN	44.98	pP	16:53:02.547						T__								m_e
WILA	47.59	P	16:52:54.205	84.9	7.85				TAS	6.5	0.78	m_e	mb				4.8
WLF	49.04	P	16:53:06.220	84.9	7.85				TAS	16.2	0.81	m_e	mb				5.1

Event 50805004 Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/05	09:13:29.05			16.0950	-93.4040				94.4	5.2		28		83.93	88.85	m i ke	BGR
50805010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50805010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	84.23		P	09:25:44.785	0.4	291.4		4.82		TAS		103.9	1.48	m_e	mb	5.8
ASSE	85.83		P	09:25:52.882	0.2	291.4		4.82		TAS		53.7	1.47	m_e	mb	5.5
BFO	85.71		P	09:25:51.437	0.5	291.4		4.82		TAS		57.1	1.74	m_e	mb	5.4
BRG	88.19		P	09:26:03.687		291.4		4.82		TAS		38.9	1.97	m_e	mb	5.4
BSEG	84.99		P	09:25:48.747	0.1	291.4		4.82		TAS		70.2	1.17	m_e	mb	5.8
BUG	84.06		P	09:25:43.668	-0.2	291.4		4.82		TAS		48.8	1.24	m_e	mb	5.6
CLL	87.48		P	09:25:59.769		291.4		4.82		TAS		29.4	1.58	m_e	mb	5.2
FLT1	86.08		P	09:25:53.459	0.8	291.4		4.82		TAS		107.3	1.77	m_e	mb	5.7
FLT1	86.08		pP	09:26:17.981						T__					m_e	
GEC2	88.85		P	09:26:06.968		291.4		4.82		TAS		24.2	1.55	m_e	mb	5.2
GEC2	88.85		pP	09:26:33.055						T__					m_e	
GRA1	87.03		P	09:25:59.053	0.0	291.4		4.82		TAS		28.6	1.11	m_e	mb	5.3
GTTG	85.62		P	09:25:51.015	0.4	291.4		4.82		TAS		60.0	1.26	m_e	mb	5.6
GUNZ	87.44		P	09:26:00.424	0.1	291.4		4.82		TAS		24.2	1.51	m_e	mb	5.1
GUNZ	87.44		pP	09:26:25.425						T__					m_e	
IBBN	84.08		P	09:25:43.787	0.1	291.4		4.82		TAS		78.1	1.33	m_e	mb	5.8
KAST	84.82		P	09:25:47.720	0.2	291.4		4.82		TAS		82.9	1.60	m_e	mb	5.7
MANZ	87.45		P	09:26:00.248	-0.0	291.4		4.82		TAS		43.5	1.93	m_e	mb	5.3
MILB	85.81		P	09:25:52.724	-0.1	291.4		4.82		TAS		98.8	1.41	m_e	mb	5.7
MILB	85.81		pP	09:26:17.462						T__					m_e	
MOX	86.91		P	09:25:57.603	0.2	291.4		4.82		TAS		31.7	1.43	m_e	mb	5.2
MOX	86.91		pP	09:26:22.506						T__					m_e	
NEUB	86.80		P	09:25:57.361	-0.2	291.4		4.82		TAS		55.3	1.54	m_e	mb	5.5
NRDL	85.37		P	09:25:50.344	-0.4	291.4		4.82		TAS		72.3	1.46	m_e	mb	5.7
PLN	87.29		P	09:25:59.076	0.3	291.4		4.82		TAS		38.6	1.61	m_e	mb	5.3
PLN	87.29		pP	09:26:24.329						T__					m_e	
RJOB	88.73		P	09:26:06.074		291.4		4.82		TAS		219.5	2.17	m_e	mb	6.0
ROTZ	87.59		P	09:26:01.222		291.4		4.82		TAS		30.3	1.76	m_e	mb	5.3
ROTZ	87.59		pP	09:26:25.605						T__					m_e	
TNS	85.16		P	09:25:49.393	-0.4	291.4		4.82		TAS		88.4	1.29	m_e	mb	5.8
TNS	85.16		pP	09:26:13.665						T__					m_e	
UBBA	85.89		P	09:25:52.438	-0.1	291.4		4.82		TAS		86.9	1.88	m_e	mb	5.6

UBR	87.06	P	09:25:58.602	-0.6	291.4	4.82	TAS	38.0	1.46	m_e	mb	5.3
UBR	87.06	pP	09:26:22.297				T__			m_e		
WERD	87.40	P	09:25:59.763	-0.1	291.4	4.82	TAS	40.6	1.64	m_e	mb	5.3
WERN	87.50	P	09:25:59.956		291.4	4.82	TAS	121.3	2.22	m_e	mb	5.6
WERN	87.50	pP	09:26:25.832				T__			m_e		
WET	88.24	P	09:26:04.109		291.4	4.82	TAS	100.4	2.49	m_e	mb	5.7
WET	88.24	pP	09:26:29.140				T__			m_e		
WLF	83.93	P	09:25:43.077	-0.2	291.4	4.82	TAS	145.8	1.93	m_e	mb	5.9

Event 50805005 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/05	09:24:22.48			-22.9900	-175.2400				100.0			22		148.82	154.99	m i ke	BGR
	50805011																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	152.44		PKPbc	09:44:07.075		12.0		2.29		TAS				m_e	
BFO	154.55		PKPbc	09:44:11.387		12.0		2.29		TAS				m_e	
BRG	151.26		PKPbc	09:44:04.019	0.3	12.0		2.29		TAS				m_e	
BSEG	148.82		PKPbc	09:43:57.756	-0.2	12.0		2.29		TAS				m_e	
CLL	151.02		PKPbc	09:44:03.279	0.4	12.0		2.29		TAS				m_e	
CLZ	150.87		PKPbc	09:44:03.249	0.1	12.0		2.29		TAS				m_e	
FLT1	150.29		PKPbc	09:44:01.319	0.0	12.0		2.29		TAS				m_e	
GEC2	153.24		PKPbc	09:44:08.456		12.0		2.29		TAS				m_e	
GTTG	151.21		PKPbc	09:44:03.604	0.4	12.0		2.29		TAS				m_e	
GUNZ	152.04		PKPbc	09:44:06.122	-0.5	12.0		2.29		TAS				m_e	
KAST	151.69		PKPbc	09:44:04.983	-0.0	12.0		2.29		TAS				m_e	
MANZ	152.44		PKPbc	09:44:06.819		12.0		2.29		TAS				m_e	
MILB	152.98		PKPbc	09:44:08.174		12.0		2.29		TAS				m_e	
MOX	151.88		PKPbc	09:44:05.414	0.3	12.0		2.29		TAS				m_e	
NEUB	151.32		PKPbc	09:44:04.345	0.2	12.0		2.29		TAS				m_e	
RJOB	154.48		PKPbc	09:44:11.162		12.0		2.29		TAS				m_e	
ROTZ	152.64		PKPbc	09:44:07.076		12.0		2.29		TAS				m_e	
TNS	152.67		PKPbc	09:44:07.091		12.0		2.29		TAS				m_e	
UBBA	151.92		PKPbc	09:44:05.199	-0.2	12.0		2.29		TAS				m_e	
UBR	154.99		PKPbc	09:44:11.921		12.0		2.29		TAS				m_e	
WERD	151.97		PKPbc	09:44:05.667	-0.1	12.0		2.29		TAS				m_e	
WERN	152.11		PKPbc	09:44:06.314		12.0		2.29		TAS				m_e	

Event 50805009 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
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OrigID  
 2015/08/05 11:56:13.86 38.0100 141.7800 72.6 1.2 23 78.23 84.60 m i ke BGR  
 50805015

Magnitude Err Nsta Author OrigID  
 mb 5.2 BGR 50805015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	80.64		P	12:08:18.656	0.2	37.3		5.27		TAS		11.4	1.12	m_e mb	4.8
BFO	84.60		P	12:08:39.154		37.3		5.27		TAS		25.2	0.87	m_e mb	5.5
BFO	84.60		pP	12:08:59.068						T__				m_e	
BRG	80.36		P	12:08:17.355	0.1	37.3		5.27		TAS		12.6	0.90	m_e mb	4.8
BRG	80.36		pP	12:08:36.803						T__				m_e	
BSEG	79.32		P	12:08:11.995	-0.4	37.3		5.27		TAS		25.8	1.15	m_e mb	5.2
CLL	80.40		P	12:08:17.124	0.3	37.3		5.27		TAS		25.6	1.03	m_e mb	5.1
CLL	80.40		pP	12:08:36.648						T__				m_e	
CLZ	80.98		P	12:08:20.915	0.1	37.3		5.27		TAS		41.1	1.35	m_e mb	5.3
FLT1	80.27		P	12:08:16.312	-0.1	37.3		5.27		TAS		21.4	0.81	m_e mb	5.1
GEC2	82.04		P	12:08:25.864		37.3		5.27		TAS		10.0	0.87	m_e mb	5.0
GRA1	82.37		P	12:08:28.369		37.3		5.27		TAS		37.8	1.17	m_e mb	5.4
GTTG	81.37		P	12:08:22.771	-0.2	37.3		5.27		TAS		19.3	0.92	m_e mb	5.1
GUNZ	81.40		P	12:08:22.965	0.2	37.3		5.27		TAS		10.9	0.93	m_e mb	4.9
GUNZ	81.40		pP	12:08:42.523						T__				m_e	
IBBN	81.55		P	12:08:23.546	0.1	37.3		5.27		TAS		27.7	0.71	m_e mb	5.5
LNIZ	78.23		P	12:08:06.009	0.2	37.3		5.27		TAS		70.5	1.13	m_e mb	5.7
MANZ	81.79		P	12:08:25.039	0.5	37.3		5.27		TAS		10.0	0.93	m_e mb	4.9
MOX	81.46		P	12:08:22.953	-0.3	37.3		5.27		TAS		11.1	1.01	m_e mb	4.8
NEUB	80.96		P	12:08:20.581	-0.1	37.3		5.27		TAS		28.6	0.81	m_e mb	5.3
NRDL	80.55		P	12:08:18.360	-0.2	37.3		5.27		TAS		14.3	0.98	m_e mb	5.0
PLN	81.37		P	12:08:22.570	0.0	37.3		5.27		TAS		33.8	1.92	m_e mb	5.0
RJOB	83.28		P	12:08:32.895		37.3		5.27		TAS		83.0	1.03	m_e mb	5.9
RJOB	83.28		pP	12:08:52.757						T__				m_e	
ROTZ	81.92		P	12:08:25.704	0.2	37.3		5.27		TAS		33.4	1.50	m_e mb	5.2
WERD	81.35		P	12:08:22.319	0.2	37.3		5.27		TAS		14.4	1.16	m_e mb	4.9
WERN	81.44		P	12:08:23.263	0.1	37.3		5.27		TAS		13.7	1.01	m_e mb	4.9
WET	82.14		P	12:08:26.781		37.3		5.27		TAS		14.0	1.01	m_e mb	5.0
WET	82.14		pP	12:08:46.296						T__				m_e	

Event 50805011 Fiji Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID  
 2015/08/05 17:24:28.33 -21.5000 -177.5000 10.0 25 146.42 152.82 m i ke BGR  
 50805017

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.79		PKPab	17:44:27.668		12.5		4.13		TAS				m_e	
ASSE	148.78		PKPbc	17:44:15.297	0.0	12.5		4.13		TAS				m_e	
BFO	152.82		PKPab	17:44:35.299		12.5		4.13		TAS				m_e	
BRG	149.34		PKPbc	17:44:17.069	0.1	12.5		4.13		TAS				m_e	
BSEG	147.07		PKPbc	17:44:10.912	0.0	12.5		4.13		TAS				m_e	
CLL	149.14		PKPbc	17:44:16.471	-0.2	12.5		4.13		TAS				m_e	
CLZ	149.10		PKPbc	17:44:16.414	0.1	12.5		4.13		TAS				m_e	
CLZ	149.10		PKPab	17:44:20.570	0.2	12.5		4.13		TAS				m_e	
FLT1	148.49		PKPbc	17:44:14.420	0.2	12.5		4.13		TAS				m_e	
FLT1	148.49		PKPab	17:44:17.594	0.5	12.5		4.13		TAS				m_e	
GEC2	151.28		PKPbc	17:44:21.811		12.5		4.13		TAS				m_e	
GTTG	149.45		PKPbc	17:44:17.130	0.2	12.5		4.13		TAS				m_e	
GUNZ	150.17		PKPbc	17:44:19.313		12.5		4.13		TAS				m_e	
GUNZ	150.17		PKPab	17:44:25.270		12.5		4.13		TAS				m_e	
IBBN	148.98		PKPab	17:44:19.642	-0.1	12.5		4.13		TAS				m_e	
KAST	150.00		PKPbc	17:44:18.238	0.0	12.5		4.13		TAS				m_e	
KAST	150.00		PKPab	17:44:23.732		12.5		4.13		TAS				m_e	
LNIZ	146.83		PKPbc	17:44:10.523	-0.1	12.5		4.13		TAS				m_e	
MANZ	150.57		PKPbc	17:44:20.043		12.5		4.13		TAS				m_e	
MOX	150.04		PKPbc	17:44:18.769	-0.3	12.5		4.13		TAS				m_e	
NRDL	148.51		PKPbc	17:44:14.616	-0.1	12.5		4.13		TAS				m_e	
RJOB	152.54		PKPab	17:44:35.627		12.5		4.13		TAS				m_e	
ROTZ	150.76		PKPbc	17:44:20.165		12.5		4.13		TAS				m_e	
RUE	147.87		PKPbc	17:44:13.256	-0.2	12.5		4.13		TAS				m_e	
SKMB	146.42		PKPbc	17:44:09.511	-0.1	12.5		4.13		TAS				m_e	
TNS	150.95		PKPab	17:44:27.568		12.5		4.13		TAS				m_e	
WERD	150.09		PKPbc	17:44:19.026	-0.3	12.5		4.13		TAS				m_e	
WERD	150.09		PKPab	17:44:24.652		12.5		4.13		TAS				m_e	
WERN	150.23		PKPbc	17:44:19.606		12.5		4.13		TAS				m_e	
WERN	150.23		PKPab	17:44:25.635		12.5		4.13		TAS				m_e	
WET	151.20		PKPbc	17:44:21.612		12.5		4.13		TAS				m_e	
WET	151.20		PKPab	17:44:29.569		12.5		4.13		TAS				m_e	

Event 50805012 Kashmir-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/05	21:04:49.66			36.1920	78.2440				10.0			21		46.92	52.52	m i ke	BGR
50805018																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50805018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	51.74		P	21:13:57.359		79.2		7.66		TAS		3.7	0.77	m_e mb	4.4
BFO	51.45		P	21:13:53.279		79.2		7.66		TAS		2.2	0.90	m_e mb	4.1

BRG	47.38	P	21:13:22.313	-0.9	79.2	7.66	TAS	10.8	1.06	m_e	mb	4.9
BSEG	49.17	P	21:13:35.594	-1.2	79.2	7.66	TAS	11.6	0.91	m_e	mb	4.9
CLL	47.91	P	21:13:25.601	-0.0	79.2	7.66	TAS	4.2	0.92	m_e	mb	4.6
CLZ	49.45	P	21:13:38.035	-0.5	79.2	7.66	TAS	7.3	0.88	m_e	mb	4.7
FLT1	48.85	P	21:13:32.453	-0.3	79.2	7.66	TAS	9.0	0.84	m_e	mb	4.8
GEC2	47.85	P	21:13:26.341	0.0	79.2	7.66	TAS	8.0	1.01	m_e	mb	4.8
GRA1	49.30	P	21:13:37.691	1.5	79.2	7.66	TAS	15.8	1.13	m_e	mb	4.9
GTTG	49.75	P	21:13:39.458		79.2	7.66	TAS	14.9	0.97	m_e	mb	4.9
GUNZ	48.47	P	21:13:30.949	1.0	79.2	7.66	TAS	5.6	0.99	m_e	mb	4.7
LNIZ	46.92	P	21:13:17.918	-0.4	79.2	7.66	TAS	11.1	0.83	m_e	mb	5.0
MANZ	48.68	P	21:13:33.596	0.4	79.2	7.66	TAS	6.4	1.09	m_e	mb	4.6
MOX	48.88	P	21:13:34.353	-1.1	79.2	7.66	TAS	6.2	1.08	m_e	mb	4.6
NEUB	48.69	P	21:13:34.393	-0.1	79.2	7.66	TAS	11.1	0.94	m_e	mb	4.9
NRDL	49.50	P	21:13:38.076		79.2	7.66	TAS	12.7	0.95	m_e	mb	4.8
RJOB	48.65	P	21:13:31.990	-0.2	79.2	7.66	TAS	9.7	0.88	m_e	mb	4.8
ROTZ	48.66	P	21:13:32.786	0.4	79.2	7.66	TAS	6.6	1.03	m_e	mb	4.6
UBR	50.44	P	21:13:44.694		79.2	7.66	TAS	4.5	0.87	m_e	mb	4.4
WERD	48.48	P	21:13:31.105	1.9	79.2	7.66	TAS	4.9	0.89	m_e	mb	4.6
WET	48.33	P	21:13:29.913	0.1	79.2	7.66	TAS	6.7	1.07	m_e	mb	4.7
WLF	52.52	P	21:14:01.454		79.2	7.66	TAS	7.6	0.92	m_e	mb	4.6

Event 50806002 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
2015/08/06	09:22:23.65			36.1600	141.9700				45.0			36		79.46	86.28	m i ke	BGR
OrigID 50806008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	50806008
Ms	4.2		BGR	50806008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	84.96	P		09:34:54.153	0.1	37.9		5.15		TAS		37.8	0.96	a_e	mb	5.6
ASSE	82.34	P		09:34:40.503	-0.1	37.9		5.15		TAS		20.5	0.97	a_e	mb	5.2
BFO	86.28	P		09:35:00.603		37.9		5.15		TAS		68.7	0.94	m_e	mb	5.8
BRG	82.03	P		09:34:38.803	-0.4	37.9		5.15		TAS		45.5	1.04	a_e	mb	5.5
BSEG	81.04	P		09:34:33.853	0.1	37.9		5.15		TAS		88.9	1.07	a_e	mb	5.7
BUG	84.15	P		09:34:49.703	0.1	37.9		5.15		TAS		28.9	0.93	a_e	mb	5.5
CLL	82.08	P		09:34:38.803	0.1	37.9		5.15		TAS		94.2	0.89	a_e	mb	5.9
CLZ	82.68	P		09:34:42.653	0.0	37.9		5.15		TAS		76.9	1.09	a_e	mb	5.8
FLT1	81.97	P		09:34:38.053	-0.2	37.9		5.15		TAS		75.8	0.84	a_e	mb	5.9
FUR	85.23	P		09:34:55.553	-0.0	37.9		5.15		TAS		96.6	0.73	a_e	mb	6.1
GEC2	83.69	P		09:34:47.253	0.3	37.9		5.15		TAS		35.0	1.23	a_e	mb	5.5
GRA1	84.05	P		09:34:49.903	-0.1	37.9		5.15		TAS		103.2	0.84	a_e	mb	6.1
GRA1	84.05	L		10:13:34.654						T__		131.9	20.70	a_e	Ms	4.3
GTTG	83.07	P		09:34:44.453	0.2	37.9		5.15		TAS		61.2	0.97	a_e	mb	5.8



GUNZ	83.08	P	09:34:44.503	0.2	37.9	5.15	TAS	33.2	0.84	a_e	mb	5.6
IBBN	83.27	P	09:34:45.353	0.1	37.9	5.15	TAS	92.6	0.89	a_e	mb	6.0
KAST	83.93	P	09:34:48.803	0.6	37.9	5.15	TAS	22.7	0.82	a_e	mb	5.4
LNIZ	79.92	P	09:34:27.803	-0.3	37.9	5.15	TAS	169.2	0.80	a_e	mb	6.0
MANZ	83.46	P	09:34:46.403	0.4	37.9	5.15	TAS	33.6	0.76	a_e	mb	5.6
MILB	84.70	P	09:34:52.753	0.1	37.9	5.15	TAS	25.7	0.99	a_e	mb	5.4
MOX	83.14	P	09:34:44.703	0.1	37.9	5.15	TAS	26.4	0.83	a_e	mb	5.5
MOX	83.14	L	10:16:39.405				T__	108.4	21.30	a_e	Ms	4.2
NEUB	82.65	P	09:34:42.003	0.4	37.9	5.15	TAS	92.8	0.88	a_e	mb	6.0
NRDL	82.26	P	09:34:40.153	-0.0	37.9	5.15	TAS	29.4	0.85	a_e	mb	5.4
PLN	83.05	P	09:34:44.303	0.1	37.9	5.15	TAS	18.0	0.81	a_e	mb	5.3
RGN	79.46	P	09:34:25.303	-0.4	37.9	5.15	TAS	104.8	0.95	a_e	mb	5.8
RJOB	84.93	P	09:34:54.203	0.2	37.9	5.15	TAS	167.5	1.05	a_e	mb	6.2
ROTZ	83.59	P	09:34:47.453	-0.3	37.9	5.15	TAS	34.7	0.84	a_e	mb	5.6
RUE	80.87	P	09:34:32.803	-0.2	37.9	5.15	TAS	104.6	1.25	a_e	mb	5.7
SKMB	80.73	P	09:34:32.803	0.7	37.9	5.15	TAS	125.8	1.00	a_e	mb	5.9
STU	85.59	P	09:34:57.253	-0.7	37.9	5.15	TAS	91.5	0.95	m_e	mb	5.9
TNS	84.71	P	09:34:52.853	0.3	37.9	5.15	TAS	52.1	1.48	a_e	mb	5.5
UBBA	83.64	P	09:34:46.850	-0.3	37.9	5.15	TAS	13.7	0.81	m_e	mb	5.2
UBR	86.10	P	09:34:59.453	-0.2	37.9	5.15	TAS	24.3	1.24	a_e	mb	5.2
WERD	83.02	P	09:34:44.103	0.1	37.9	5.15	TAS	44.7	1.31	a_e	mb	5.5
WERN	83.12	P	09:34:44.803	0.0	37.9	5.15	TAS	52.3	1.11	a_e	mb	5.7
WET	83.80	P	09:34:48.353	0.1	37.9	5.15	TAS	45.7	1.34	a_e	mb	5.5
WLF	86.02	P	09:34:58.753	-0.4	37.9	5.15	TAS	61.9	1.61	a_e	mb	5.5

Event 50806001 North Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/06	15:03:58.55	0.51	0.73	53.2180	1.7550	6.7	5.6	171	10.0				34 292	3.32	7.87	m i ke	BGR
50806007																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	50806007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	4.25		Pn	15:05:01.083	-0.6					T__				m_e	ML 4.3
ASSE	5.54		Sn	15:06:17.900	0.4					T__				m_e	
ASSE	5.54		Pn	15:05:18.023	-1.0					T__				m_e	ML 3.5
BAVN	3.60		Sn	15:05:32.762	0.4					T__				m_e	
BKLB	3.82		Pn	15:04:55.617	-0.4					T__				m_e	
BKLB	3.82		Sn	15:05:37.284	-0.2					T__				m_e	
BRG	7.87		Pn	15:05:51.524	1.0					T__				m_e	
BSEG	5.15		Sn	15:06:09.228	0.7					T__				m_e	
BSEG	5.15		Pn	15:05:13.676	-0.2					T__				m_e	ML 4.0
BUG	3.82		Sn	15:05:37.530	0.0					T__				m_e	
BUG	3.82		Pn	15:04:55.632	-0.3					T__				m_e	ML 4.2

CHRS	5.78	Sn	15:06:24.465	1.3	T__	m_e													
CHRS	5.78	Pn	15:05:22.062	-0.2	T__	m_e													
CLL	7.16	Pn	15:05:41.881	0.9	T__	m_e													
CLZ	5.44	Sn	15:06:14.917	-0.3	T__	m_e													
CLZ	5.44	Pn	15:05:17.690	-0.1	T__	m_e	ML												4.3
FAHL	3.87	Sn	15:05:38.117	-0.6	T__	m_e													
FLT1	5.82	Sn	15:06:25.091	0.8	T__	m_e													
FLT1	5.82	Pn	15:05:22.334	-0.6	T__	m_e	ML												3.9
GOR2	5.75	Pn	15:05:22.120	0.2	T__	m_e													
GOR3	5.83	Pn	15:05:23.102	0.1	T__	m_e													
GOR5	5.72	Pn	15:05:21.695	0.2	T__	m_e													
GTTG	5.30	Pn	15:05:16.013	0.1	T__	m_e	ML												4.3
HLG	3.77	Sn	15:05:36.177	-0.1	T__	m_e													
HLG	3.77	Pn	15:04:54.768	-0.5	T__	m_e	ML												4.3
HROE	5.86	Pn	15:05:23.966	0.6	T__	m_e													
IBBE	3.78	Pn	15:04:55.063	-0.1	T__	m_e													
IBBN	3.76	Sn	15:05:34.060	-1.9	T__	m_e													
IBBN	3.76	Pn	15:04:54.467	-0.6	T__	m_e	ML												4.1
KAST	4.57	Sn	15:05:53.373	-1.5	T__	m_e													
KAST	4.57	Pn	15:05:05.744	-0.3	T__	m_e	ML												3.9
MANZ	7.21	Pn	15:05:42.627	1.0	T__	m_e													
MELL	4.15	Sn	15:05:43.342	-1.9	T__	m_e													
MELL	4.15	Pn	15:05:00.286	-0.1	T__	m_e	ML												4.3
MEM	3.71	Pn	15:04:54.310	-0.1	T__	m_e													
MILB	5.80	Pn	15:05:23.422	0.8	T__	m_e	ML												4.4
MOX	6.62	Sn	15:06:44.278	1.4	T__	m_e													
MOX	6.62	Pn	15:05:34.361	0.7	T__	m_e	ML												3.9
NRDL	5.11	Sn	15:06:06.976	-0.7	T__	m_e													
NRDL	5.11	Pn	15:05:13.255	-0.1	T__	m_e	ML												3.6
POSS	5.90	Sn	15:06:27.332	1.2	T__	m_e													
POSS	5.90	Pn	15:05:23.966	-0.1	T__	m_e	ML												4.2
ROTZ	7.38	Pn	15:05:44.105	0.2	T__	m_e													
TNS	5.13	Pn	15:05:13.537	-0.0	T__	m_e	ML												4.2
UBBA	5.63	Pn	15:05:19.967	-0.4	T__	m_e													
WIMM	6.21	Pn	15:05:28.417	0.3	T__	m_e													
WIMM	6.21	Sn	15:06:34.613	1.4	T__	m_e	ML												3.9
WLF	4.50	Sn	15:05:53.038	-0.2	T__	m_e													
WLF	4.50	Pn	15:05:05.382	0.3	T__	m_e	ML												4.2
WTSB	3.32	Sn	15:05:25.515	-0.3	T__	m_e													
WTSB	3.32	Pn	15:04:48.779	-0.5	T__	m_e	ML												4.1

Event 50806005 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/06	21:36:56.19			0.9100	-28.6300				10.0				15	56.98	61.80	m i ke	BGR
50806011																	

Magnitude Err Nsta Author OrigID  
 mb 4.6 BGR 50806011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	56.98		P	21:46:43.107	-0.1	227.8		6.93		TAS		8.4	1.24	m_e	mb 4.6
BRG	61.40		P	21:47:13.886		227.8		6.93		TAS		4.3	1.00	m_e	mb 4.2
BSEG	61.80		P	21:47:16.129		227.8		6.93		TAS		5.4	0.86	m_e	mb 4.8
GEC2	59.99		P	21:47:03.947		227.8		6.93		TAS		7.7	1.11	m_e	mb 4.6
GRA1	59.30		P	21:47:00.200	0.1	227.8		6.93		TAS		20.5	1.25	m_e	mb 5.0
GUNZ	60.28		P	21:47:06.348		227.8		6.93		TAS		9.3	1.18	m_e	mb 4.7
KAST	59.05		P	21:46:57.937	0.2	227.8		6.93		TAS		2.5	0.82	m_e	mb 4.3
MANZ	59.93		P	21:47:03.954		227.8		6.93		TAS		3.3	0.92	m_e	mb 4.4
MILB	58.48		P	21:46:53.484	-0.4	227.8		6.93		TAS		4.9	0.78	m_e	mb 4.6
MOX	60.13		P	21:47:05.386		227.8		6.93		TAS		2.9	0.81	m_e	mb 4.4
ROTZ	59.83		P	21:47:02.698		227.8		6.93		TAS		10.6	1.13	m_e	mb 4.8
TNS	58.36		P	21:46:53.056	-0.1	227.8		6.93		TAS		13.4	1.20	m_e	mb 4.8
UBR	57.41		P	21:46:46.097	0.1	227.8		6.93		TAS		17.1	1.33	m_e	mb 4.9
WERN	60.26		P	21:47:06.149		227.8		6.93		TAS		6.3	1.15	m_e	mb 4.5
WET	59.76		P	21:47:02.439	-0.4	227.8		6.93		TAS		16.0	1.38	m_e	mb 4.9

Event 50807001 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/06	23:59:47.08			-25.3280	179.9350				258.7	13.1		12		149.17	156.28	m i ke	BGR
OrigID 50807007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	154.23		PKPdf	00:19:05.516	0.4	21.3		1.27		TAS				m_e	
AHRW	154.23		PKPbc	00:19:15.832	-0.1	19.1		2.13		TAS				m_e	
AHRW	154.23		PKPab	00:19:33.834	0.4	18.2		4.24		TAS				m_e	
ASSE	152.02		PKPdf	00:19:02.796	0.1	21.3		1.27		TAS				m_e	
ASSE	152.02		PKPbc	00:19:11.419	0.2	19.1		2.13		TAS				m_e	
ASSE	152.02		PKPab	00:19:24.474	-0.4	18.2		4.24		TAS				m_e	
BFO	156.11		PKPdf	00:19:07.770		21.3		1.27		TAS				m_e	
BFO	156.11		PKPbc	00:19:19.850	-0.4	19.1		2.13		TAS				m_e	
BFO	156.11		PKPab	00:19:42.165	0.1	18.2		4.24		TAS				m_e	
BRG	152.31		PKPdf	00:19:03.467	-0.1	21.3		1.27		TAS				m_e	
BRG	152.31		PKPbc	00:19:12.276	-0.1	19.1		2.13		TAS				m_e	
BRG	152.31		PKPab	00:19:26.759	-0.1	18.2		4.24		TAS				m_e	
BSEG	150.40		PKPdf	00:19:00.713	-0.2	21.3		1.27		TAS				m_e	
BSEG	150.40		PKPbc	00:19:07.533	-0.2	19.1		2.13		TAS				m_e	
BSEG	150.40		PKPab	00:19:17.847	0.2	18.2		4.24		TAS				m_e	
BUG	153.33		PKPdf	00:19:04.446	0.3	21.3		1.27		TAS				m_e	

BUG	153.33	PKPbc	00:19:13.791	-0.2	19.1	2.13	TAS	m_e
BUG	153.33	PKPab	00:19:29.244	0.1	18.2	4.24	TAS	m_e
CLL	152.19	PKPdf	00:19:02.871	0.3	21.3	1.27	TAS	m_e
CLL	152.19	PKPbc	00:19:11.749	-0.1	19.1	2.13	TAS	m_e
CLL	152.19	PKPab	00:19:25.721	-0.0	18.2	4.24	TAS	m_e
CLL	152.19	pPKPbc	00:20:20.201	0.3	250.1	4.05	TAS	m_e
CLZ	152.35	PKPdf	00:19:03.269	0.0	21.3	1.27	TAS	m_e
CLZ	152.35	PKPbc	00:19:12.210	0.3	19.1	2.13	TAS	m_e
CLZ	152.35	PKPab	00:19:26.553	-0.2	18.2	4.24	TAS	m_e
FLT1	151.71	PKPdf	00:19:02.196	-0.2	21.3	1.27	TAS	m_e
FLT1	151.71	PKPbc	00:19:10.365	-0.2	19.1	2.13	TAS	m_e
FLT1	151.71	PKPab	00:19:23.178	-0.1	18.2	4.24	TAS	m_e
FUR	155.52	PKPdf	00:19:07.072		21.3	1.27	TAS	m_e
FUR	155.52	PKPbc	00:19:18.862	-0.1	19.1	2.13	TAS	m_e
FUR	155.52	PKPab	00:19:40.751	0.1	18.2	4.24	TAS	m_e
GEC2	154.17	PKPdf	00:19:05.814	-0.2	21.3	1.27	TAS	m_e
GEC2	154.17	PKPbc	00:19:16.162		19.1	2.13	TAS	m_e
GEC2	154.17	PKPab	00:19:35.053	-0.0	18.2	4.24	TAS	m_e
GEC2	154.17	pPKPbc	00:20:18.535		250.1	4.05	TAS	m_e
GEC2	154.17	PP	00:23:02.345		16.8	5.57	TAS	m_e
GRA1	154.14	PKPbc	00:19:16.096		19.1	2.13	TAS	m_e
GRA1	154.14	PKPab	00:19:34.568	0.0	18.2	4.24	TAS	m_e
GTTG	152.72	PKPdf	00:19:03.853	-0.1	21.3	1.27	TAS	m_e
GTTG	152.72	PKPbc	00:19:12.868	0.1	19.1	2.13	TAS	m_e
GTTG	152.72	PKPab	00:19:27.824	0.0	18.2	4.24	TAS	m_e
GUNZ	153.23	PKPdf	00:19:04.629	-0.2	21.3	1.27	TAS	m_e
GUNZ	153.23	PKPbc	00:19:14.449		19.1	2.13	TAS	m_e
GUNZ	153.23	PKPab	00:19:30.424	0.4	18.2	4.24	TAS	m_e
GUNZ	153.23	PP	00:23:04.875		16.8	5.57	TAS	m_e
HLG	150.58	PKPbc	00:19:08.126	-0.0	19.1	2.13	TAS	m_e
HLG	150.58	PKPab	00:19:18.632	-0.1	18.2	4.24	TAS	m_e
IBBN	152.41	PKPbc	00:19:12.012	-0.0	19.1	2.13	TAS	m_e
IBBN	152.41	PKPab	00:19:26.171	0.4	18.2	4.24	TAS	m_e
KAST	153.36	PKPdf	00:19:04.470	0.1	21.3	1.27	TAS	m_e
KAST	153.36	PKPbc	00:19:14.120	0.1	19.1	2.13	TAS	m_e
KAST	153.36	PKPab	00:19:29.814	-0.1	18.2	4.24	TAS	m_e
LNIZ	149.90	PKPdf	00:19:00.039	0.2	21.3	1.27	TAS	m_e
LNIZ	149.90	PKPbc	00:19:06.940	-0.0	19.1	2.13	TAS	m_e
LNIZ	149.90	PKPab	00:19:16.265	0.1	18.2	4.24	TAS	m_e
MANZ	153.63	PKPdf	00:19:05.107	0.0	21.3	1.27	TAS	m_e
MANZ	153.63	PKPbc	00:19:14.976	0.1	19.1	2.13	TAS	m_e
MANZ	153.63	PKPab	00:19:31.690	0.3	18.2	4.24	TAS	m_e
MILB	154.48	PKPdf	00:19:05.981		21.3	1.27	TAS	m_e
MILB	154.48	PKPbc	00:19:16.425	-0.1	19.1	2.13	TAS	m_e
MILB	154.48	PKPab	00:19:35.169	0.2	18.2	4.24	TAS	m_e
MLFH	152.91	PP	00:23:02.897	-0.1	16.8	5.57	TAS	m_e
MODW	152.67	PP	00:23:01.668	0.0	16.8	5.57	TAS	m_e
MOX	153.17	PKPdf	00:19:04.335	0.2	21.3	1.27	TAS	m_e
MOX	153.17	PKPbc	00:19:13.856		19.1	2.13	TAS	m_e

MOX	153.17	PKPab	00:19:30.020	-0.9	18.2	4.24	TAS	m_e
MULD	153.17	PP	00:23:04.514		16.8	5.57	TAS	m_e
NEUB	152.62	PKPdf	00:19:03.871	0.0	21.3	1.27	TAS	m_e
NEUB	152.62	PKPbc	00:19:12.737	-0.1	19.1	2.13	TAS	m_e
NEUB	152.62	PKPab	00:19:27.532	0.1	18.2	4.24	TAS	m_e
NKC	153.32	PP	00:23:05.330		16.8	5.57	TAS	m_e
NRDL	151.80	PKPdf	00:19:02.346	0.0	21.3	1.27	TAS	m_e
NRDL	151.80	PKPbc	00:19:10.761	0.0	19.1	2.13	TAS	m_e
NRDL	151.80	PKPab	00:19:23.632	-0.3	18.2	4.24	TAS	m_e
PLN	153.17	PKPdf	00:19:04.365	-0.1	21.3	1.27	TAS	m_e
PLN	153.17	PKPbc	00:19:13.922		19.1	2.13	TAS	m_e
PLN	153.17	PKPab	00:19:30.283	0.1	18.2	4.24	TAS	m_e
POSS	152.72	PP	00:23:01.137	0.0	16.8	5.57	TAS	m_e
RGN	149.17	PKPbc	00:19:05.030	-0.2	19.1	2.13	TAS	m_e
RJOB	155.43	PKPdf	00:19:07.121		21.3	1.27	TAS	m_e
RJOB	155.43	PKPab	00:19:40.689	0.5	18.2	4.24	TAS	m_e
ROHR	153.35	PP	00:23:05.476		16.8	5.57	TAS	m_e
ROTZ	153.81	PKPdf	00:19:05.219	0.4	21.3	1.27	TAS	m_e
ROTZ	153.81	PKPbc	00:19:15.371		19.1	2.13	TAS	m_e
ROTZ	153.81	PKPab	00:19:33.335	-0.1	18.2	4.24	TAS	m_e
RUE	150.93	PKPdf	00:19:01.673	-0.0	21.3	1.27	TAS	m_e
RUE	150.93	PKPbc	00:19:09.114	-0.1	19.1	2.13	TAS	m_e
RUE	150.93	PKPab	00:19:20.687	-0.3	18.2	4.24	TAS	m_e
SCHF	152.93	pPKPbc	00:20:16.887		250.1	4.05	TAS	m_e
SKMB	149.81	PKPbc	00:19:06.545	0.0	19.1	2.13	TAS	m_e
SKMB	149.81	PKPab	00:19:15.970	-0.0	18.2	4.24	TAS	m_e
STU	155.50	PKPdf	00:19:07.608		21.3	1.27	TAS	m_e
STU	155.50	PKPbc	00:19:18.665	0.0	19.1	2.13	TAS	m_e
STU	155.50	PKPab	00:19:39.532	0.1	18.2	4.24	TAS	m_e
TNS	154.29	PKPbc	00:19:15.964	-0.1	19.1	2.13	TAS	m_e
TNS	154.29	PKPab	00:19:34.239	-0.0	18.2	4.24	TAS	m_e
TRIB	153.29	pPKPbc	00:20:17.120		250.1	4.05	TAS	m_e
TRIB	153.29	PP	00:23:05.157		16.8	5.57	TAS	m_e
UBBA	153.40	PKPdf	00:19:04.461	0.1	21.3	1.27	TAS	m_e
UBBA	153.40	PKPbc	00:19:14.120	-0.1	19.1	2.13	TAS	m_e
UBBA	153.40	PKPab	00:19:30.332	-0.5	18.2	4.24	TAS	m_e
UBR	156.28	PKPdf	00:19:08.025		21.3	1.27	TAS	m_e
UBR	156.28	PKPbc	00:19:20.048		19.1	2.13	TAS	m_e
UBR	156.28	PKPab	00:19:43.385		18.2	4.24	TAS	m_e
VITZ	153.31	PP	00:23:04.405		16.8	5.57	TAS	m_e
WERD	153.16	PKPbc	00:19:13.922		19.1	2.13	TAS	m_e
WERD	153.16	PKPab	00:19:30.239	-0.4	18.2	4.24	TAS	m_e
WERD	153.16	PP	00:23:04.461		16.8	5.57	TAS	m_e
WERN	153.29	PKPdf	00:19:04.762	-0.1	21.3	1.27	TAS	m_e
WERN	153.29	PKPbc	00:19:14.581		19.1	2.13	TAS	m_e
WERN	153.29	PKPab	00:19:31.162	-0.3	18.2	4.24	TAS	m_e
WERN	153.29	PP	00:23:05.452		16.8	5.57	TAS	m_e
WET	154.16	PKPdf	00:19:05.601	-0.2	21.3	1.27	TAS	m_e
WET	154.16	PKPbc	00:19:16.162		19.1	2.13	TAS	m_e

WET	154.16	PKPab	00:19:34.858	-0.2	18.2	4.24	TAS	m_e
WET	154.16	PP	00:23:10.721		16.8	5.57	TAS	m_e
WLF	155.23	PKPdf	00:19:07.352		21.3	1.27	TAS	m_e
WLF	155.23	PKPbc	00:19:18.269	0.2	19.1	2.13	TAS	m_e
WLF	155.23	PKPab	00:19:38.427	-0.1	18.2	4.24	TAS	m_e

Event 50807003 Lake Tanganyika region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/07	01:28:37.51			-1.8320	29.6370				33.0			36		51.52	58.78	m i ke	BGR
OrigID 50807009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50807009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	55.63		P	01:38:12.538	0.1	157.0		7.31		TAS		84.9	1.28	a_e mb	5.6
ASSE	56.10		P	01:38:15.688	-0.3	157.0		7.31		TAS		52.7	1.20	a_e mb	5.4
BFO	53.29		P	01:37:54.788	0.4	157.0		7.31		TAS		64.0	1.31	a_e mb	5.4
BRG	54.19		P	01:38:01.388	0.0	157.0		7.31		TAS		40.7	1.37	a_e mb	5.3
BSEG	57.85		P	01:38:28.138	-0.1	157.0		7.31		TAS		158.5	1.34	a_e mb	5.9
BUG	56.38		P	01:38:17.638	-0.2	157.0		7.31		TAS		73.9	1.21	a_e mb	5.6
CLL	54.80		P	01:38:05.788	-0.1	157.0		7.31		TAS		58.4	1.43	a_e mb	5.4
CLZ	55.91		P	01:38:14.288	0.1	157.0		7.31		TAS		32.7	1.24	a_e mb	5.2
FLT1	56.16		P	01:38:16.188	0.6	157.0		7.31		TAS		28.6	1.24	m_e mb	5.2
FUR	52.30		P	01:37:47.238	-0.2	157.0		7.31		TAS		130.9	1.26	a_e mb	5.7
GEC2	52.33		P	01:37:48.238	-0.1	157.0		7.31		TAS		48.8	1.05	m_e mb	5.4
GRA1	53.72		P	01:37:58.038	-0.2	157.0		7.31		TAS		166.6	1.35	a_e mb	5.9
GTTG	55.74		P	01:38:13.288	0.0	157.0		7.31		TAS		94.8	1.28	a_e mb	5.7
GUNZ	54.07		P	01:38:01.038	0.2	157.0		7.31		TAS		61.9	1.38	a_e mb	5.5
HLG	58.67		P	01:38:33.688	0.2	157.0		7.31		TAS		153.2	1.08	a_e mb	6.0
IBBN	57.01		P	01:38:22.297	-0.1	157.0		7.31		TAS		48.5	1.30	m_e mb	5.4
KAST	55.84		P	01:38:13.938	-0.2	157.0		7.31		TAS		60.5	1.36	a_e mb	5.4
LNIZ	56.62		P	01:38:19.638	-0.3	157.0		7.31		TAS		149.6	1.21	a_e mb	5.9
MANZ	53.77		P	01:37:58.488	-0.3	157.0		7.31		TAS		79.8	1.17	a_e mb	5.6
MILB	54.36		P	01:38:02.788	0.5	157.0		7.31		TAS		136.8	1.11	a_e mb	5.9
MOX	54.50		P	01:38:03.888	0.1	157.0		7.31		TAS		38.6	1.23	a_e mb	5.3
NEUB	54.98		P	01:38:07.538	0.2	157.0		7.31		TAS		51.9	0.92	a_e mb	5.6
NRDL	56.58		P	01:38:19.738	0.0	157.0		7.31		TAS		224.6	1.30	a_e mb	6.0
PLN	54.23		P	01:38:02.102	0.4	157.0		7.31		TAS		47.2	1.01	m_e mb	5.5
RJOB	51.52		P	01:37:41.977	0.1	157.0		7.31		TAS		136.9	1.12	m_e mb	5.8
ROTZ	53.55		P	01:37:56.688	0.1	157.0		7.31		TAS		46.7	1.14	a_e mb	5.4
RUE	55.74		P	01:38:12.638	-0.8	157.0		7.31		TAS		111.7	1.27	a_e mb	5.7
SKMB	58.78		P	01:38:34.838	-0.3	157.0		7.31		TAS		75.7	1.08	a_e mb	5.6
STU	53.43		P	01:37:56.088	-0.7	157.0		7.31		TAS		90.7	1.62	a_e mb	5.4
TNS	54.95		P	01:38:07.038	-0.1	157.0		7.31		TAS		73.0	1.09	a_e mb	5.6

UBBA	55.07	P	01:38:08.138	0.2	157.0	7.31	TAS	65.1	1.41	a_e	mb	5.5
UBR	52.18	P	01:37:47.288		157.0	7.31	TAS	49.5	1.32	m_e	mb	5.3
WERD	54.16	P	01:38:01.786	0.2	157.0	7.31	TAS	50.2	1.19	m_e	mb	5.4
WERN	53.99	P	01:38:00.388	0.0	157.0	7.31	TAS	57.4	1.37	a_e	mb	5.4
WET	52.81	P	01:37:51.338	0.1	157.0	7.31	TAS	73.0	1.40	a_e	mb	5.4
WLF	55.14	P	01:38:08.288	-0.1	157.0	7.31	TAS	73.8	1.21	a_e	mb	5.6

Event 50807005 Gulf of California, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/07	04:35:11.100			24.3670	-109.8040				33.0			11		86.29	90.20	m i ke	BGR
OrigID 50807011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50807011
Ms	5.2		BGR	50807011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	90.20		P	04:48:06.661		306.9		4.22		TAS		25.8	2.08	m_e	mb	5.1
BSEG	86.55		P	04:47:50.118	0.2	306.9		4.22		TAS		33.7	1.50	m_e	mb	5.3
CLZ	87.86		P	04:47:56.272		306.9		4.22		TAS		16.6	1.20	m_e	mb	5.2
FLT1	87.97		P	04:47:56.206		306.9		4.22		TAS		12.6	1.25	m_e	mb	5.1
GRA1	89.62		P	04:48:05.600		306.9		4.22		TAS		19.0	1.44	m_e	mb	5.1
GRA1	89.62		L	05:27:25.472						T__		804.5	19.20	a_e	Ms	5.2
GUNZ	89.75		P	04:48:04.742		306.9		4.22		TAS		6.1	1.18	m_e	mb	4.7
IBBN	86.29		P	04:47:48.794	-0.0	306.9		4.22		TAS		15.3	0.96	m_e	mb	5.1
MOX	89.22		P	04:48:02.360		306.9		4.22		TAS		5.2	1.10	m_e	mb	4.7
MOX	89.22		L	05:25:17.170						T__		1008.7	19.30	a_e	Ms	5.3
NRDL	87.33		P	04:47:53.625	-0.0	306.9		4.22		TAS		12.8	1.00	m_e	mb	5.0
PLN	89.58		P	04:48:04.080		306.9		4.22		TAS		6.2	1.13	m_e	mb	4.7
WERN	89.82		P	04:48:05.337		306.9		4.22		TAS		4.7	1.06	m_e	mb	4.6
WLF	86.99		P	04:47:52.301	0.0	306.9		4.22		TAS		41.6	1.77	m_e	mb	5.3

Event 50807008 Xizang

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/07	13:52:50.50			30.3780	93.9040				33.0					62.99	62.99	m i ke	BGR
OrigID 50807014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50807014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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GRA1 62.99 P 14:03:13.320 79.1 5.97 TAS 7.0 1.11 m\_e mb 4.7

Event 50807009 Tonga Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/08/07 14:22:16.64 -17.6180 -173.9270 18.2 1.0 31 143.61 149.84 m i ke BGR
50807015

Magnitude Err Nsta Author OrigID
Ms 5.3 BGR 50807015

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. It lists seismic station data for event 50807009, including station names like AHRW, ASSE, BFO, BRG, BSEG, BUG, CLL, CLZ, FLT1, FUR, GEC2, GRA1, GTTG, GUNZ, IBBN, KAST, MANZ, MILB, MOX, NEUB, NRDL, PLN, RJOB, ROTZ, and STU.



TNS	147.42	PKPbc	14:41:58.360	0.3	9.2	2.83	TAS	m_e
UBBA	146.73	PKPbc	14:41:56.460	0.4	9.2	2.83	TAS	a_e
UBR	149.84	PKPbc	14:42:04.060	-0.8	9.2	2.83	TAS	a_e
WERN	147.02	PKPbc	14:41:57.310	0.5	9.2	2.83	TAS	a_e
WET	148.07	PKPbc	14:42:00.160	0.3	9.2	2.83	TAS	a_e
WLF	148.03	PKPbc	14:42:00.460	0.3	9.2	2.83	TAS	a_e
WLF	148.03	pPKPbc	14:42:06.041		10.8	2.83	TAS	m_e

Event 50807010 Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/07	18:21:03.21			-17.3670	178.1540				33.0			26		144.13	148.21	m i ke	BGR
50807016																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	50807016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.14		PKPbc	18:40:39.556		22.7		3.07		TAS				m_e	
BFO	148.02		PKPbc	18:40:44.371		22.7		3.07		TAS				m_e	
BRG	144.27		PKPbc	18:40:33.150	-0.2	22.7		3.07		TAS				m_e	
BUG	145.24		PKPbc	18:40:36.108	0.1	22.7		3.07		TAS				m_e	
CLL	144.13		PKPbc	18:40:32.118	-0.5	22.7		3.07		TAS				m_e	
CLZ	144.26		PKPbc	18:40:33.252	-0.2	22.7		3.07		TAS				m_e	
FUR	147.46		PKPbc	18:40:42.917		22.7		3.07		TAS				m_e	
GEC2	146.15		PKPbc	18:40:38.811		22.7		3.07		TAS				m_e	
GRA1	146.07		PKPbc	18:40:39.068	-0.3	22.7		3.07		TAS				m_e	
GRA1	146.07		L	19:51:10.316						T__		256.5	20.50	a_e Ms	5.0
GTTG	144.63		PKPbc	18:40:34.535	0.3	22.7		3.07		TAS				m_e	
GUNZ	145.17		PKPbc	18:40:36.245	0.5	22.7		3.07		TAS				m_e	
KAST	145.26		PKPbc	18:40:36.331	-0.1	22.7		3.07		TAS				m_e	
MANZ	145.57		PKPbc	18:40:37.528	-0.2	22.7		3.07		TAS				m_e	
MILB	146.39		PKPbc	18:40:39.845		22.7		3.07		TAS				m_e	
MOX	145.09		PKPbc	18:40:35.732	0.3	22.7		3.07		TAS				m_e	
MOX	145.09		L	19:47:06.402						T__		196.1	21.80	a_e Ms	4.8
PLN	145.10		PKPbc	18:40:35.903	-0.4	22.7		3.07		TAS				m_e	
RJOB	147.41		PKPbc	18:40:42.917		22.7		3.07		TAS				m_e	
ROTZ	145.75		PKPbc	18:40:38.640	-0.5	22.7		3.07		TAS				m_e	
STU	147.41		PKPbc	18:40:43.088		22.7		3.07		TAS				m_e	
TNS	146.19		PKPbc	18:40:39.838		22.7		3.07		TAS				m_e	
UBBA	145.31		PKPbc	18:40:36.305	0.1	22.7		3.07		TAS				m_e	
UBR	148.21		PKPbc	18:40:45.056		22.7		3.07		TAS				m_e	
WERD	145.10		PKPbc	18:40:35.818	0.2	22.7		3.07		TAS				m_e	
WERN	145.23		PKPbc	18:40:36.416	0.0	22.7		3.07		TAS				m_e	
WET	146.12		PKPbc	18:40:39.325		22.7		3.07		TAS				m_e	
WLF	147.14		PKPbc	18:40:42.575		22.7		3.07		TAS				m_e	

Event 50807011 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/07	18:25:25.47			-16.3580	-173.7220				33.0				21	144.72	148.61	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	148.07		PKPbc	18:45:06.282		8.6		3.00		TAS					m_e
BRG	145.02		PKPbc	18:44:57.374	0.2	8.6		3.00		TAS					m_e
CLL	144.72		PKPbc	18:44:56.184	-0.1	8.6		3.00		TAS					m_e
FUR	148.02		PKPbc	18:45:06.591	0.6	8.6		3.00		TAS					m_e
GEC2	147.04		PKPbc	18:45:03.737	0.1	8.6		3.00		TAS					m_e
GRA1	146.51		PKPbc	18:45:02.595	-0.5	8.6		3.00		TAS					m_e
GTTG	144.77		PKPbc	18:44:56.784	-0.0	8.6		3.00		TAS					m_e
GUNZ	145.73		PKPbc	18:44:59.783	0.1	8.6		3.00		TAS					m_e
KAST	145.20		PKPbc	18:44:57.648		8.6		3.00		TAS					m_e
MANZ	146.13		PKPbc	18:45:01.042	0.3	8.6		3.00		TAS					m_e
MILB	146.53		PKPbc	18:45:02.228	-0.6	8.6		3.00		TAS					m_e
MOX	145.53		PKPbc	18:44:58.897	-0.0	8.6		3.00		TAS					m_e
PLN	145.63		PKPbc	18:44:59.327	0.1	8.6		3.00		TAS					m_e
RJOB	148.25		PKPbc	18:45:06.846	0.3	8.6		3.00		TAS					m_e
ROTZ	146.33		PKPbc	18:45:01.736	-0.2	8.6		3.00		TAS					m_e
TNS	146.18		PKPbc	18:45:01.845		8.6		3.00		TAS					m_e
UBBA	145.49		PKPbc	18:44:58.869	0.7	8.6		3.00		TAS					m_e
UBR	148.61		PKPbc	18:45:08.234	0.1	8.6		3.00		TAS					m_e
WERD	145.65		PKPbc	18:44:59.467	-0.0	8.6		3.00		TAS					m_e
WERN	145.80		PKPbc	18:45:00.213	0.1	8.6		3.00		TAS					m_e
WLF	146.78		PKPbc	18:45:03.197		8.6		3.00		TAS					m_e

Event 50807013 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/07	20:40:29.13			-19.6900	-178.8300				33.0				13	145.10	149.24	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	147.28		PKPbc	21:00:09.568		12.5		2.17		TAS					m_e
BSEG	145.10		PKPbc	21:00:04.704	-0.2	12.5		2.17		TAS					m_e

CLL	147.10	PKPbc	21:00:09.434	0.0	12.5	2.17	TAS	m_e
CLZ	147.11	PKPbc	21:00:08.968	-0.0	12.5	2.17	TAS	m_e
FLT1	146.49	PKPbc	21:00:07.369	-0.3	12.5	2.17	TAS	m_e
GEC2	149.21	PKPbc	21:00:14.119		12.5	2.17	TAS	m_e
GUNZ	148.13	PKPbc	21:00:11.494		12.5	2.17	TAS	m_e
HLG	145.18	PKPbc	21:00:04.437	-0.3	12.5	2.17	TAS	m_e
MANZ	148.54	PKPbc	21:00:12.300		12.5	2.17	TAS	m_e
MILB	149.24	PKPbc	21:00:13.511		12.5	2.17	TAS	m_e
NRDL	146.53	PKPbc	21:00:07.314	0.2	12.5	2.17	TAS	m_e
PLN	148.06	PKPbc	21:00:11.429		12.5	2.17	TAS	m_e
RUE	145.83	PKPbc	21:00:06.554	0.1	12.5	2.17	TAS	m_e
UBBA	148.16	PKPab	21:00:22.799				T__	m_e
WERD	148.06	PKPab	21:00:23.433				T__	m_e
WERN	148.19	PKPab	21:00:25.150				T__	m_e
WET	149.15	PKPab	21:00:29.076				T__	m_e

Event 50807012 East of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/07	20:43:12.73			44.9420	151.0690				33.0			6		77.50	79.47	m i ke	BGR
OrigID 50807018																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50807018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	77.50		P	20:55:02.500		25.0		4.70		TAS		6.3	0.88	m_e mb	4.8
GEC2	79.44		P	20:55:13.530		25.0		4.70		TAS		2.9	0.63	m_e mb	4.5
GRA1	79.47		P	20:55:14.432		25.0		4.70		TAS		7.0	0.72	m_e mb	4.8
MANZ	78.94		P	20:55:11.102		25.0		4.70		TAS		4.8	1.08	m_e mb	4.5
WERN	78.59		P	20:55:09.090		25.0		4.70		TAS		6.0	1.06	m_e mb	4.6
WET	79.44		P	20:55:14.293		25.0		4.70		TAS		6.6	0.91	m_e mb	4.7

Event 50808001 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/08	04:13:39.70			-6.6700	152.0600				26.0					125.21	126.01	m i ke	EMSC
OrigID 50808033																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	126.01		PKPdf	04:32:39.204		50.8		1.13		TAS				m_e	

GRA1	126.01	L	05:28:22.400	T__	174.9	20.70	a_e
MOX	125.21	L	05:27:45.744	T__	139.0	21.80	a_e

Event 50808003 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/08	08:40:06.60			-19.5800	-175.7300				10.0					149.45	149.45	m i ke	EMSC
OrigID 50808035																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	149.45		PKPbc	08:59:57.556		13.0		2.06		TAS					m_e

Event 50808005 Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/08	17:22:21.50	1.11	0.89	39.1470	21.4430	24.5	13.3	27	10.0				12 295	7.16	13.43	m i ke	THE
OrigID 50808083																	

Magnitude Err Nsta Author OrigID  
ML 4.4 BGR 50808011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	9.18		Pn	17:24:32.754	-1.0					T__					m_e
BFO	13.18		Pn	17:25:25.616	-1.6					T__					m_e
BUD	8.51		Pn	17:24:25.500	0.1					T__					m_e
KBA	9.89		Sn	17:26:31.424	0.3					T__					m_e
KBA	9.89		Pn	17:24:43.102	0.2					T__					m_e
MLR	7.16		Pn	17:24:06.768	0.2					T__					m_e
MOA	10.14		Pn	17:24:47.646	0.9					T__					m_e
MOX	13.43		Pn	17:25:33.218	1.5					T__					m_e
OBKA	8.93		Sn	17:26:09.041	0.6					T__					m_e
OBKA	8.93		Pn	17:24:29.398	-0.5					T__					m_e ML 4.6
PSZ	8.84		Sn	17:26:09.320	0.3					T__					m_e
PSZ	8.84		Pn	17:24:29.046	-1.0					T__					m_e ML 4.2
RJOB	10.63		Pn	17:24:52.565	-0.6					T__					m_e
UBR	11.85		Pn	17:25:10.761	1.6					T__					m_e
WTTA	10.81		Sn	17:26:51.372	-0.9					T__					m_e
WTTA	10.81		Pn	17:24:55.465	0.3					T__					m_e

Event 50808006 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/08	19:09:40.65			53.8400	-169.6000				33.0			38		72.59	79.97	m i ke	BGR
OrigID 50808012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50808012
Ms	4.3		BGR	50808012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	75.96		P	19:21:24.912	0.2	0.8		5.67		TAS		9.3	0.97	m_e	mb	4.9
ARSA	79.19		P	19:21:43.095	-0.1	0.8		5.67		TAS		13.4	1.01	m_e	mb	4.9
ASSE	74.40		P	19:21:15.800	-0.1	0.8		5.67		TAS		6.5	0.85	m_e	mb	4.7
BFO	78.19		P	19:21:37.014	-0.1	0.8		5.67		TAS		9.3	1.04	m_e	mb	4.9
BRG	75.62		P	19:21:22.646	-0.1	0.8		5.67		TAS		9.6	0.94	m_e	mb	4.9
BSEG	72.59		P	19:21:05.775	0.1	0.8		5.67		TAS		14.1	1.11	m_e	mb	5.0
BUG	75.06		P	19:21:19.308	-0.3	0.8		5.67		TAS		8.6	0.98	m_e	mb	4.7
CLL	75.20		P	19:21:19.964	-0.4	0.8		5.67		TAS		11.1	1.11	m_e	mb	4.8
CLZ	74.69		P	19:21:17.817	0.3	0.8		5.67		TAS		14.9	0.93	m_e	mb	5.0
DAVA	79.25		P	19:21:43.334	0.0	0.8		5.67		TAS		7.9	0.98	m_e	mb	4.7
FLT1	74.20		P	19:21:14.121	-0.6	0.8		5.67		TAS		11.2	1.07	m_e	mb	4.8
FUR	78.37		P	19:21:38.326	-0.0	0.8		5.67		TAS		19.8	1.05	m_e	mb	5.2
GRA1	76.84		P	19:21:30.277	0.1	0.8		5.67		TAS		23.5	1.08	m_e	mb	5.2
GRA1	76.84		L	19:58:48.766						T__		152.6	21.00	a_e	Ms	4.3
GTTG	74.99		P	19:21:19.427	0.2	0.8		5.67		TAS		21.8	1.12	m_e	mb	5.1
GUNZ	76.16		P	19:21:26.104	0.3	0.8		5.67		TAS		7.9	1.23	m_e	mb	4.7
IBBN	74.20		P	19:21:14.777	0.0	0.8		5.67		TAS		28.1	1.07	m_e	mb	5.2
KAST	75.32		P	19:21:21.096	0.0	0.8		5.67		TAS		10.0	1.36	m_e	mb	4.7
KBA	79.43		P	19:21:44.705	-0.5	0.8		5.67		TAS		34.3	0.98	m_e	mb	5.3
LNIZ	72.99		P	19:21:07.608	-0.2	0.8		5.67		TAS		26.1	0.87	m_e	mb	5.4
MANZ	76.54		P	19:21:28.012	0.0	0.8		5.67		TAS		58.4	3.31	m_e	mb	5.1
MILB	76.70		P	19:21:28.966	0.1	0.8		5.67		TAS		12.7	0.88	m_e	mb	5.1
MOA	78.63		P	19:21:39.757	-0.2	0.8		5.67		TAS		5.8	1.06	m_e	mb	4.5
MOX	75.88		P	19:21:24.316	0.0	0.8		5.67		TAS		9.8	0.92	m_e	mb	4.9
MOX	75.88		L	19:59:25.544						T__		158.9	21.10	a_e	Ms	4.3
NEUB	75.33		P	19:21:21.156	0.0	0.8		5.67		TAS		22.6	1.01	m_e	mb	5.1
NRDL	74.04		P	19:21:13.585	-0.2	0.8		5.67		TAS		12.0	1.05	m_e	mb	4.9
OBKA	79.97		P	19:21:46.851		0.8		5.67		TAS		11.3	0.95	m_e	mb	4.8
PLN	76.04		P	19:21:25.091	-0.1	0.8		5.67		TAS		8.8	1.33	m_e	mb	4.7
RJOB	78.78		P	19:21:40.472	-0.2	0.8		5.67		TAS		28.0	0.92	m_e	mb	5.3
ROTZ	76.76		P	19:21:29.324	0.3	0.8		5.67		TAS		7.8	1.16	m_e	mb	4.7
RUE	74.02		P	19:21:13.823	0.2	0.8		5.67		TAS		15.6	0.69	m_e	mb	5.2
STU	77.76		P	19:21:34.689	-0.4	0.8		5.67		TAS		11.8	1.22	m_e	mb	4.9
TNS	76.30		P	19:21:26.760	0.0	0.8		5.67		TAS		11.8	1.36	m_e	mb	4.8
UBBA	75.71		P	19:21:23.421	0.1	0.8		5.67		TAS		3.3	1.13	m_e	mb	4.4
UBR	78.86		P	19:21:41.009	0.2	0.8		5.67		TAS		15.7	1.25	m_e	mb	4.9
WERN	76.23		P	19:21:26.581	0.1	0.8		5.67		TAS		9.4	1.01	m_e	mb	4.9

WET	77.37	P	19:21:32.781	-0.3	0.8	5.67	TAS	6.7	1.17	m_e	mb	4.7
WLF	76.81	P	19:21:29.860	0.6	0.8	5.67	TAS	11.0	1.11	m_e	mb	4.9
WTTA	79.27	P	19:21:43.512	0.4	0.8	5.67	TAS	18.2	1.10	m_e	mb	5.0

Event 50808007 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/08	19:56:51.43			-13.2080	-12.3740				23.2	0.7		23		63.85	69.62	m i ke	BGR
50808013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50808013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	63.97		P	20:07:24.775	-0.2	205.2		6.42		TAS		13.6	1.08	m_e	mb	5.1
BRG	67.82		P	20:07:49.780		205.2		6.42		TAS		3.5	0.96	m_e	mb	4.6
BSEG	69.62		P	20:08:00.569		205.2		6.42		TAS		11.5	0.92	m_e	mb	5.0
CLZ	67.72		P	20:07:49.048		205.2		6.42		TAS		3.4	1.05	m_e	mb	4.5
CLZ	67.72		pP	20:07:55.586						T__				m_e		
FLT1	68.38		P	20:07:53.025		205.2		6.42		TAS		6.8	0.93	m_e	mb	4.9
GTTG	67.34		P	20:07:46.978	-0.3	205.2		6.42		TAS		9.9	0.90	m_e	mb	5.0
GUNZ	66.90		P	20:07:43.952	0.4	205.2		6.42		TAS		8.5	0.99	m_e	mb	4.9
IBBN	67.53		P	20:07:48.025		205.2		6.42		TAS		17.3	1.14	m_e	mb	5.2
MANZ	66.50		P	20:07:40.959	0.1	205.2		6.42		TAS		11.4	1.22	m_e	mb	5.0
MANZ	66.50		pP	20:07:47.668						T__				m_e		
MILB	65.60		P	20:07:34.931	0.1	205.2		6.42		TAS		8.2	0.78	m_e	mb	5.0
MOX	66.96		P	20:07:44.001	0.0	205.2		6.42		TAS		7.5	1.14	m_e	mb	4.8
MOX	66.96		pP	20:07:50.683						T__				m_e		
NEUB	67.50		P	20:07:47.856	-0.6	205.2		6.42		TAS		15.0	0.88	m_e	mb	5.2
NRDL	68.25		P	20:07:52.818		205.2		6.42		TAS		15.2	1.14	m_e	mb	5.1
PLN	66.96		P	20:07:44.033	0.1	205.2		6.42		TAS		5.3	0.99	m_e	mb	4.7
RJOB	64.69		P	20:07:29.475	-0.1	205.2		6.42		TAS		16.6	0.82	m_e	mb	5.3
RJOB	64.69		pP	20:07:35.799						T__				m_e		
ROTZ	66.33		P	20:07:40.328	0.1	205.2		6.42		TAS		9.5	1.21	m_e	mb	4.9
STU	64.60		P	20:07:29.119	0.1	205.2		6.42		TAS		17.1	1.31	m_e	mb	5.1
TNS	65.75		P	20:07:36.414	0.2	205.2		6.42		TAS		11.9	1.19	m_e	mb	5.0
UBBA	66.69		P	20:07:42.672	0.3	205.2		6.42		TAS		7.8	1.45	m_e	mb	4.7
UBR	63.85		P	20:07:24.241	0.0	205.2		6.42		TAS		26.5	1.06	m_e	mb	5.4
WERN	66.85		P	20:07:43.585	0.2	205.2		6.42		TAS		7.6	0.98	m_e	mb	4.9
WET	65.97		P	20:07:37.872	-0.3	205.2		6.42		TAS		12.7	1.18	m_e	mb	5.0
WET	65.97		pP	20:07:44.234						T__				m_e		
WLF	64.69		P	20:07:29.318	-0.5	205.2		6.42		TAS		15.9	1.36	m_e	mb	5.1

Event 50808008 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/08	21:15:46.04			-12.1930	-12.3580				21.9	1.4		29		62.88	68.64	m i k e	BGR
50808014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50808014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	67.08		P	21:26:39.770	-0.2	205.5		6.49		TAS		12.7	1.43	m_e	mb	5.0
BFO	62.99		P	21:26:12.704	-0.4	205.5		6.49		TAS		17.0	0.96	m_e	mb	5.1
BRG	66.86		P	21:26:37.740	0.1	205.5		6.49		TAS		7.2	1.16	m_e	mb	4.8
BSEG	68.64		P	21:26:48.611		205.5		6.49		TAS		16.8	0.91	m_e	mb	5.3
BUG	65.62		P	21:26:30.038	0.2	205.5		6.49		TAS		15.7	1.07	m_e	mb	5.2
CLL	66.97		P	21:26:38.684	0.7	205.5		6.49		TAS		15.3	1.62	m_e	mb	5.0
CLL	66.97		pP	21:26:44.841						T__				m_e		
CLZ	66.74		P	21:26:37.344	-0.3	205.5		6.49		TAS		30.0	1.76	m_e	mb	5.2
FLT1	67.41		P	21:26:41.530		205.5		6.49		TAS		14.5	1.19	m_e	mb	5.1
GRA1	65.01		P	21:26:26.442	-0.0	205.5		6.49		TAS		10.5	1.15	m_e	mb	5.0
GTTG	66.37		P	21:26:35.700	0.3	205.5		6.49		TAS		33.4	1.43	m_e	mb	5.4
GUNZ	65.93		P	21:26:32.413	-0.0	205.5		6.49		TAS		18.1	1.18	m_e	mb	5.2
GUNZ	65.93		pP	21:26:38.571						T__				m_e		
IBBN	66.54		P	21:26:36.237	-0.5	205.5		6.49		TAS		64.2	1.80	m_e	mb	5.6
IBBN	66.54		pP	21:26:41.993						T__				m_e		
KAST	65.67		P	21:26:30.588	0.3	205.5		6.49		TAS		8.6	1.51	m_e	mb	4.8
MANZ	65.53		P	21:26:29.580	0.2	205.5		6.49		TAS		26.9	1.59	m_e	mb	5.2
MANZ	65.53		pP	21:26:36.106						T__				m_e		
MILB	64.62		P	21:26:23.477	-0.2	205.5		6.49		TAS		30.3	1.54	m_e	mb	5.3
MOX	65.98		P	21:26:32.221	0.4	205.5		6.49		TAS		7.3	1.02	m_e	mb	4.9
NEUB	66.52		P	21:26:36.226	-0.1	205.5		6.49		TAS		20.0	0.88	m_e	mb	5.4
NRDL	67.27		P	21:26:41.476	-1.1	205.5		6.49		TAS		33.4	1.29	m_e	mb	5.4
PLN	65.99		P	21:26:32.603	0.7	205.5		6.49		TAS		14.2	1.43	m_e	mb	5.0
RJOB	63.73		P	21:26:17.635	-0.2	205.5		6.49		TAS		22.2	0.87	m_e	mb	5.4
ROTZ	65.36		P	21:26:28.545	0.1	205.5		6.49		TAS		31.2	1.60	m_e	mb	5.3
STU	63.62		P	21:26:16.965	-0.2	205.5		6.49		TAS		21.3	1.20	m_e	mb	5.2
TNS	64.77		P	21:26:24.354	0.2	205.5		6.49		TAS		31.9	1.71	m_e	mb	5.3
UBBA	65.71		P	21:26:30.959	0.2	205.5		6.49		TAS		29.2	1.74	m_e	mb	5.2
UBR	62.88		P	21:26:12.406	0.0	205.5		6.49		TAS		33.5	0.96	m_e	mb	5.4
WERD	66.00		P	21:26:33.103	0.2	205.5		6.49		TAS		30.7	1.46	m_e	mb	5.3
WERN	65.88		P	21:26:32.139	-0.3	205.5		6.49		TAS		12.0	1.12	m_e	mb	5.0
WET	65.01		P	21:26:26.417	0.0	205.5		6.49		TAS		18.9	1.28	m_e	mb	5.2
WET	65.01		pP	21:26:32.607						T__				m_e		
WLF	63.71		P	21:26:17.444	-0.2	205.5		6.49		TAS		47.3	1.60	m_e	mb	5.5

Event 50809001 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/09	02:39:56.82			-13.9790	-12.6080				22.2	1.9		32		64.65	70.42	m i ke	BGR
OrigID 50809007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50809007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	66.52		P	02:50:47.328	0.5	205.2		6.36		TAS		17.5	0.92	a_e	mb	5.3
AHRW	66.52		pP	02:50:53.647	-0.2	205.1		6.38		TAS				m_e		
ASSE	68.86		P	02:51:01.778	-0.0	205.2		6.36		TAS		7.0	1.17	a_e	mb	4.8
ASSE	68.86		pP	02:51:08.014	-0.1	205.1		6.38		TAS				a_e		
BFO	64.77		P	02:50:35.378	-0.4	205.2		6.36		TAS		30.8	1.02	m_e	mb	5.5
BFO	64.77		pP	02:50:41.614	0.2	205.1		6.38		TAS				a_e		
BRG	68.62		P	02:51:00.328	0.0	205.2		6.36		TAS		9.3	1.01	a_e	mb	5.0
BRG	68.62		pP	02:51:06.564	0.1	205.1		6.38		TAS				a_e		
BSEG	70.42		P	02:51:11.028	-0.7	205.2		6.36		TAS		28.9	0.93	a_e	mb	5.4
BSEG	70.42		pP	02:51:17.314	-0.7	205.1		6.38		TAS				a_e		
BUG	67.41		P	02:50:52.278	-0.1	205.2		6.36		TAS		18.2	1.07	a_e	mb	5.2
BUG	67.41		pP	02:50:59.076	0.4	205.1		6.38		TAS				m_e		
CLL	68.74		P	02:51:00.978	-0.1	205.2		6.36		TAS		5.1	1.22	a_e	mb	4.6
CLZ	68.52		P	02:50:59.678	0.0	205.2		6.36		TAS		22.7	1.41	a_e	mb	5.2
CLZ	68.52		pP	02:51:05.864	-0.1	205.1		6.38		TAS				a_e		
FLT1	69.18		P	02:51:03.678	-0.2	205.2		6.36		TAS		19.4	0.98	a_e	mb	5.3
FLT1	69.18		pP	02:51:09.964	-0.2	205.1		6.38		TAS				a_e		
FUR	65.42		P	02:50:40.078	0.1	205.2		6.36		TAS		28.4	0.73	a_e	mb	5.6
FUR	65.42		pP	02:50:46.314	-0.2	205.1		6.38		TAS				a_e		
GRA1	66.79		P	02:50:48.628	-0.0	205.2		6.36		TAS		14.0	0.92	a_e	mb	5.2
GRA1	66.79		pP	02:50:54.864	0.3	205.1		6.38		TAS				a_e		
GTTG	68.14		P	02:50:57.678	0.4	205.2		6.36		TAS		17.4	0.86	a_e	mb	5.3
GTTG	68.14		pP	02:51:03.914	0.4	205.1		6.38		TAS				a_e		
GUNZ	67.70		P	02:50:54.528	0.1	205.2		6.36		TAS		19.4	1.06	a_e	mb	5.3
GUNZ	67.70		pP	02:51:00.814	0.1	205.1		6.38		TAS				a_e		
IBBN	68.32		P	02:50:58.328	0.1	205.2		6.36		TAS		24.8	1.05	a_e	mb	5.4
IBBN	68.32		pP	02:51:04.564	0.0	205.1		6.38		TAS				a_e		
KAST	67.45		P	02:50:52.778	-0.0	205.2		6.36		TAS		9.4	1.23	a_e	mb	4.9
KAST	67.45		pP	02:50:59.014	-0.1	205.1		6.38		TAS				a_e		
MANZ	67.30		P	02:50:52.028	0.1	205.2		6.36		TAS		15.6	1.08	a_e	mb	5.2
MANZ	67.30		pP	02:50:58.264	-0.2	205.1		6.38		TAS				a_e		
MILB	66.40		P	02:50:45.978	-0.2	205.2		6.36		TAS		19.3	0.98	a_e	mb	5.3
MILB	66.40		pP	02:50:52.214	0.1	205.1		6.38		TAS				a_e		
MOX	67.76		P	02:50:54.778	-0.1	205.2		6.36		TAS		13.5	0.95	a_e	mb	5.2
MOX	67.76		pP	02:51:01.014	0.6	205.1		6.38		TAS				a_e		
NEUB	68.30		P	02:50:58.228	-0.0	205.2		6.36		TAS		29.1	1.11	a_e	mb	5.4
NEUB	68.30		pP	02:51:04.464	0.0	205.1		6.38		TAS				a_e		
NRDL	69.05		P	02:51:03.678	0.7	205.2		6.36		TAS		34.7	1.17	a_e	mb	5.5
NRDL	69.05		pP	02:51:09.914	0.6	205.1		6.38		TAS				a_e		
PLN	67.76		P	02:50:54.728	-0.1	205.2		6.36		TAS		10.7	0.92	a_e	mb	5.1



PLN	67.76	pP	02:51:00.964	0.0	205.1	6.38	TAS							a_e	
RJOB	65.49	P	02:50:40.078	-0.2	205.2	6.36	TAS	45.2	0.95	a_e	mb	5.7			
RJOB	65.49	pP	02:50:46.364	0.1	205.1	6.38	TAS			a_e					
ROTZ	67.13	P	02:50:50.978	0.1	205.2	6.36	TAS	17.1	1.04	a_e	mb	5.2			
ROTZ	67.13	pP	02:50:57.214	-0.4	205.1	6.38	TAS			a_e					
RUE	70.00	P	02:51:08.928	-0.2	205.2	6.36	TAS	22.4	0.81	a_e	mb	5.3			
RUE	70.00	pP	02:51:15.164	-0.2	205.1	6.38	TAS			a_e					
STU	65.40	P	02:50:39.428	-0.4	205.2	6.36	TAS	21.8	0.96	a_e	mb	5.4			
STU	65.40	pP	02:50:45.664	-0.4	205.1	6.38	TAS			a_e					
TNS	66.55	P	02:50:47.028	-0.1	205.2	6.36	TAS	20.3	1.15	a_e	mb	5.2			
TNS	66.55	pP	02:50:53.264	0.1	205.1	6.38	TAS			a_e					
UBBA	67.49	P	02:50:53.378	0.3	205.2	6.36	TAS	20.5	1.48	a_e	mb	5.1			
UBBA	67.49	pP	02:50:59.500	-0.1	205.1	6.38	TAS			m_e					
UBR	64.65	P	02:50:35.078	0.0	205.2	6.36	TAS	59.3	1.01	m_e	mb	5.8			
UBR	64.65	pP	02:50:41.314		205.1	6.38	TAS			a_e					
WERD	67.77	P	02:50:54.928	0.0	205.2	6.36	TAS	26.0	1.31	a_e	mb	5.3			
WERD	67.77	pP	02:51:01.164	0.1	205.1	6.38	TAS			m_e					
WERN	67.65	P	02:50:54.278	0.1	205.2	6.36	TAS	21.0	1.11	a_e	mb	5.3			
WERN	67.65	pP	02:51:00.514	-0.1	205.1	6.38	TAS			a_e					
WET	66.77	P	02:50:48.828	0.3	205.2	6.36	TAS	17.1	1.06	a_e	mb	5.2			
WET	66.77	pP	02:50:55.064	-0.4	205.1	6.38	TAS			a_e					
WLF	65.49	P	02:50:40.178	-0.1	205.2	6.36	TAS	25.2	1.13	a_e	mb	5.3			
WLF	65.49	pP	02:50:46.114	-0.0	205.1	6.38	TAS			m_e					

Event 50809003 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/09	04:46:20.80			-27.3900	-176.3000				10.0			30		151.97	159.13	m i ke	EMSC
50809035																	

Magnitude Err Nsta Author  
Ms 6.1 BGR OrigID 50809009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	156.74		SKKSac	05:17:20.286	0.8	17.1		5.75		TAS				a_e	
AHRW	156.74		SS	05:30:25.099	0.2	19.9		11.08		TAS				a_e	
ASSE	154.74		SS	05:29:59.099	-0.5	19.9		11.08		TAS				a_e	
ASSE	154.74		PKPdf	05:06:12.312	0.0					T__				m_e	
BFO	158.79		SKKSac	05:17:30.936		17.1		5.75		TAS				a_e	
BFO	158.79		SS	05:30:43.799		19.9		11.08		TAS				a_e	
BFO	158.79		PKPdf	05:06:17.374						T__				m_e	
BRG	155.29		SKKSac	05:17:11.236	-0.8	17.1		5.75		TAS				a_e	
BRG	155.29		SS	05:30:04.799	-0.2	19.9		11.08		TAS				m_e	
BRG	155.29		PKPdf	05:06:13.379	0.2					T__				m_e	
BSEG	153.03		SKKSac	05:16:58.836	0.5	17.1		5.75		TAS				a_e	
BSEG	153.03		SS	05:29:42.799	-3.2	19.9		11.08		TAS				a_e	

BUG	155.83	SKKSac	05:17:14.136	0.2	17.1	5.75	TAS		a_e
BUG	155.83	SS	05:30:14.699	0.9	19.9	11.08	TAS		a_e
BUG	155.83	PKPdf	05:06:13.806	-0.1			T__		m_e
CLL	155.09	SKKSac	05:17:09.336	-0.5	17.1	5.75	TAS		m_e
CLL	155.09	SS	05:30:02.099	0.2	19.9	11.08	TAS		a_e
CLZ	155.07	SKKSac	05:17:09.436	0.1	17.1	5.75	TAS		a_e
CLZ	155.07	SS	05:30:03.549	-0.4	19.9	11.08	TAS		a_e
CLZ	155.07	PKPdf	05:06:13.104	0.1			T__		m_e
FLT1	154.46	SKKSac	05:17:05.786	-0.4	17.1	5.75	TAS		a_e
FLT1	154.46	SS	05:29:55.499	0.4	19.9	11.08	TAS		a_e
FLT1	154.46	PKPdf	05:06:11.992	-0.1			T__		m_e
FUR	158.44	SKKSac	05:17:28.086	-0.4	17.1	5.75	TAS		a_e
FUR	158.44	SS	05:30:39.249		19.9	11.08	TAS		a_e
GRA1	156.99	SKKSac	05:17:21.536	1.4	17.1	5.75	TAS		a_e
GRA1	156.99	SS	05:30:23.199	-0.3	19.9	11.08	TAS		a_e
GRA1	156.99	PKPdf	05:06:15.514				T__		m_e
GRA1	156.99	L	06:25:18.056				T__	2324.3 18.30	a_e Ms 6.0
GTTG	155.41	SKKSac	05:17:11.336	-0.8	17.1	5.75	TAS		a_e
GTTG	155.41	SS	05:30:07.049	-0.8	19.9	11.08	TAS		a_e
GUNZ	156.13	PKPdf	05:06:14.606	-0.1			T__		m_e
HLG	153.06	SKKSac	05:16:58.436	-0.7	17.1	5.75	TAS		a_e
HLG	153.06	SS	05:29:40.649	0.1	19.9	11.08	TAS		a_e
IBBN	154.93	SS	05:30:03.449	0.3	19.9	11.08	TAS		a_e
KAST	155.95	SKKSac	05:17:14.736	-0.2	17.1	5.75	TAS		a_e
KAST	155.95	SS	05:30:15.199	-0.2	19.9	11.08	TAS		a_e
KAST	155.95	PKPdf	05:06:14.233	0.1			T__		m_e
LNIZ	152.78	SKKSac	05:16:57.436	0.8	17.1	5.75	TAS		a_e
MANZ	156.53	SKKSac	05:17:18.986	0.1	17.1	5.75	TAS		a_e
MANZ	156.53	SS	05:30:18.549	-0.5	19.9	11.08	TAS		a_e
MANZ	156.53	PKPdf	05:06:14.820				T__		m_e
MILB	157.19	SKKSac	05:17:23.486	-0.2	17.1	5.75	TAS		a_e
MILB	157.19	SS	05:30:27.049	0.8	19.9	11.08	TAS		a_e
MILB	157.19	PKPdf	05:06:15.567				T__		m_e
MOX	156.01	SKKSac	05:17:15.336	0.4	17.1	5.75	TAS		a_e
MOX	156.01	SS	05:30:12.599	-1.2	19.9	11.08	TAS		a_e
MOX	156.01	PKPdf	05:06:14.233	0.0			T__		m_e
MOX	156.01	L	06:28:41.209				T__	2911.8 18.10	a_e Ms 6.1
NEUB	155.45	SKKSac	05:17:11.086	-0.5	17.1	5.75	TAS		a_e
NEUB	155.45	SS	05:30:05.949	0.5	19.9	11.08	TAS		a_e
NEUB	155.45	PKPdf	05:06:13.486	-0.1			T__		m_e
NRDL	154.47	SKKSac	05:17:06.336	-0.1	17.1	5.75	TAS		a_e
NRDL	154.47	SS	05:29:57.399	-0.5	19.9	11.08	TAS		a_e
PLN	156.05	SKKSac	05:17:15.136	0.8	17.1	5.75	TAS		a_e
PLN	156.05	SS	05:30:11.899	-0.8	19.9	11.08	TAS		a_e
PLN	156.05	PKPdf	05:06:14.286	-0.0			T__		m_e
RGN	151.97	SKKSac	05:16:51.236	-0.6	17.1	5.75	TAS		a_e
RGN	151.97	SS	05:29:30.249	2.0	19.9	11.08	TAS		a_e
RJOB	158.48	SKKSac	05:17:28.386		17.1	5.75	TAS		a_e
RJOB	158.48	SS	05:30:40.749		19.9	11.08	TAS		a_e

ROTZ	156.72	SKKSac	05:17:20.836	0.4	17.1	5.75	TAS	a_e
ROTZ	156.72	SS	05:30:20.999	0.4	19.9	11.08	TAS	a_e
ROTZ	156.72	PKPdf	05:06:15.033				T__	m_e
RUE	153.83	SKKSac	05:17:01.986	-0.7	17.1	5.75	TAS	a_e
RUE	153.83	SS	05:29:48.599	-0.7	19.9	11.08	TAS	a_e
RUE	153.83	PKPdf	05:06:11.478	-0.0			T__	m_e
SKMB	152.38	SKKSac	05:16:55.636	0.8	17.1	5.75	TAS	a_e
SKMB	152.38	SS	05:29:35.299	0.2	19.9	11.08	TAS	a_e
STU	158.23	SKKSac	05:17:27.786	-1.3	17.1	5.75	TAS	a_e
STU	158.23	SS	05:30:37.899	-0.2	19.9	11.08	TAS	a_e
STU	158.23	PKPdf	05:06:17.008				T__	m_e
TNS	156.91	SKKSac	05:17:21.086	0.7	17.1	5.75	TAS	a_e
TNS	156.91	SS	05:30:24.799	2.0	19.9	11.08	TAS	a_e
UBBA	156.12	SKKSac	05:17:16.236	1.6	17.1	5.75	TAS	a_e
UBBA	156.12	SS	05:30:14.099	0.5	19.9	11.08	TAS	a_e
UBBA	156.12	PKPdf	05:06:14.500	-0.2			T__	m_e
UBR	159.13	SS	05:30:47.299		19.9	11.08	TAS	a_e
UBR	159.13	PKPdf	05:06:17.961				T__	m_e
WERD	156.05	PKPdf	05:06:14.446	0.1			T__	m_e
WERN	156.19	PKPdf	05:06:14.713				T__	m_e
WET	157.15	SKKSac	05:17:22.536	0.4	17.1	5.75	TAS	a_e
WET	157.15	SS	05:30:25.649	-0.3	19.9	11.08	TAS	a_e
WET	157.15	PKPdf	05:06:15.837				T__	m_e
WLF	157.68	SKKSac	05:17:26.236	-1.0	17.1	5.75	TAS	a_e
WLF	157.68	SS	05:30:37.349	-1.1	19.9	11.08	TAS	a_e

Event 50809002 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/09	04:49:51.05			14.3580	119.3860				33.0			28		88.45	93.50	m i ke	BGR
50809008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50809008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	89.87		P	05:02:45.836	0.5	67.0		4.65		TAS		11.6	1.45	m_e mb	4.9
BFO	92.80		P	05:02:58.938		67.0		4.65		TAS		3.9	0.89	m_e mb	4.8
BRG	88.45		P	05:02:39.210	-0.4	67.0		4.65		TAS		11.2	0.95	m_e mb	5.2
BSEG	89.34		P	05:02:43.008	0.2	67.0		4.65		TAS		8.7	0.81	m_e mb	5.0
CLL	88.84		P	05:02:40.477	0.3	67.0		4.65		TAS		9.5	0.99	m_e mb	5.0
CLZ	90.15		P	05:02:47.156	0.3	67.0		4.65		TAS		17.4	1.37	m_e mb	5.1
DAVA	92.28		P	05:02:56.944		67.0		4.65		TAS		11.3	1.08	m_e mb	5.1
FLT1	89.47		P	05:02:43.495	-0.1	67.0		4.65		TAS		4.9	1.03	m_e mb	4.7
FUR	91.07		P	05:02:51.279		67.0		4.65		TAS		8.8	0.67	m_e mb	5.2
GRA1	90.51		P	05:02:49.243	-0.5	67.0		4.65		TAS		6.2	0.75	m_e mb	5.0

GUNZ	89.59	P	05:02:44.809	0.4	67.0	4.65	TAS	14.5	0.97	m_e	mb	5.2
KAST	91.53	P	05:02:53.448		67.0	4.65	TAS	16.9	1.70	m_e	mb	5.1
MANZ	89.86	P	05:02:46.196	-0.1	67.0	4.65	TAS	5.7	1.07	m_e	mb	4.7
MILB	91.60	P	05:02:53.687		67.0	4.65	TAS	5.6	1.02	m_e	mb	4.8
MOX	89.90	P	05:02:45.716	-0.1	67.0	4.65	TAS	10.2	1.26	m_e	mb	4.9
NEUB	89.60	P	05:02:44.714	-0.2	67.0	4.65	TAS	17.1	0.92	m_e	mb	5.3
NRDL	90.04	P	05:02:46.770	-0.1	67.0	4.65	TAS	33.3	1.88	m_e	mb	5.2
PLN	89.64	P	05:02:44.637	0.1	67.0	4.65	TAS	9.8	1.02	m_e	mb	5.0
RJOB	90.29	P	05:02:47.618	0.0	67.0	4.65	TAS	52.4	1.05	m_e	mb	5.7
ROTZ	89.89	P	05:02:46.077	-0.3	67.0	4.65	TAS	12.2	0.96	m_e	mb	5.1
STU	92.09	P	05:02:56.196		67.0	4.65	TAS	115.5	2.88	m_e	mb	5.7
TNS	91.93	P	05:02:55.686		67.0	4.65	TAS	8.0	0.97	m_e	mb	5.0
UBR	91.98	P	05:02:55.481		67.0	4.65	TAS	19.1	1.02	m_e	mb	5.4
WERD	89.57	P	05:02:44.386	0.1	67.0	4.65	TAS	15.2	1.09	m_e	mb	5.1
WERN	89.59	P	05:02:44.741	0.2	67.0	4.65	TAS	13.2	1.03	m_e	mb	5.1
WET	89.71	P	05:02:45.315	-0.1	67.0	4.65	TAS	9.1	1.21	m_e	mb	4.9
WLF	93.50	P	05:03:03.054		67.0	4.65	TAS	17.6	1.12	m_e	mb	5.3
WTTA	91.19	P	05:02:51.705		67.0	4.65	TAS	32.4	0.84	m_e	mb	5.7

Event 50809004 South of Panama

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/09	08:36:26.35		5.7200	-81.5800					33.0			31		84.21	89.09	m i ke	BGR
OrigID 50809010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50809010
Ms	4.6		BGR	50809010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	84.77	P		08:48:57.994	0.2	275.7		4.87		TAS		21.8	1.22	m_e	mb	5.3
ASSE	86.91	P		08:49:08.362	0.2	275.7		4.87		TAS		11.9	1.16	m_e	mb	4.9
BFO	85.71	P		08:49:01.874	0.5	275.7		4.87		TAS		7.8	1.09	m_e	mb	4.8
BRG	89.09	P		08:49:18.398		275.7		4.87		TAS		5.7	1.20	m_e	mb	4.7
BSEG	86.54	P		08:49:06.288	0.3	275.7		4.87		TAS		12.0	1.04	m_e	mb	5.0
BUG	84.85	P		08:48:57.994	-0.2	275.7		4.87		TAS		18.3	1.18	m_e	mb	5.2
CLL	88.44	P		08:49:15.329	-0.5	275.7		4.87		TAS		7.9	1.28	m_e	mb	4.9
CLZ	86.75	P		08:49:07.615	0.1	275.7		4.87		TAS		16.9	1.11	m_e	mb	5.1
FLT1	87.24	P		08:49:09.274	0.2	275.7		4.87		TAS		9.5	0.94	m_e	mb	4.9
GRA1	87.50	P		08:49:11.265	-0.3	275.7		4.87		TAS		12.1	1.11	m_e	mb	4.9
GRA1	87.50	L		09:22:35.900						T__		219.1	20.20	a_e	Ms	4.6
GTTG	86.53	P		08:49:06.454	0.0	275.7		4.87		TAS		12.9	1.16	m_e	mb	4.9
GUNZ	88.13	P		08:49:14.168	-0.4	275.7		4.87		TAS		7.5	1.18	m_e	mb	4.9
IBBN	85.11	P		08:48:59.321	-0.2	275.7		4.87		TAS		32.5	1.60	m_e	mb	5.3
KAST	85.58	P		08:49:01.560	0.1	275.7		4.87		TAS		12.2	1.29	m_e	mb	4.9
MANZ	88.03	P		08:49:13.753	0.1	275.7		4.87		TAS		4.2	1.13	m_e	mb	4.7

MILB	86.24	P	08:49:04.878	-0.0	275.7	4.87	TAS	21.8	1.08	m_e	mb	5.2
MOX	87.65	P	08:49:11.514	-0.1	275.7	4.87	TAS	13.4	1.76	m_e	mb	5.0
MOX	87.65	L	09:22:29.721				T__	276.4	21.90	a_e	Ms	4.6
NEUB	87.69	P	08:49:11.928	-0.1	275.7	4.87	TAS	12.3	1.05	m_e	mb	5.2
NRDL	86.54	P	08:49:06.703	0.1	275.7	4.87	TAS	26.6	1.60	m_e	mb	5.1
PLN	88.01	P	08:49:13.504	0.8	275.7	4.87	TAS	10.2	1.24	m_e	mb	5.0
RJOB	88.75	P	08:49:17.237		275.7	4.87	TAS	30.2	1.43	m_e	mb	5.3
ROTZ	88.12	P	08:49:14.251	0.3	275.7	4.87	TAS	6.2	1.37	m_e	mb	4.8
SKMB	85.96	P	08:49:04.132	-0.1	275.7	4.87	TAS	65.6	1.44	m_e	mb	5.6
STU	86.25	P	08:49:04.961	-0.1	275.7	4.87	TAS	58.1	2.06	m_e	mb	5.3
TNS	85.67	P	08:49:02.307	-0.5	275.7	4.87	TAS	22.5	1.61	m_e	mb	5.0
UBBA	86.61	P	08:49:06.786	0.1	275.7	4.87	TAS	7.5	1.50	m_e	mb	4.6
UBR	86.95	P	08:49:08.611	-0.6	275.7	4.87	TAS	21.3	1.48	m_e	mb	5.1
WERD	88.11	P	08:49:14.831	-0.0	275.7	4.87	TAS	15.3	1.69	m_e	mb	5.1
WERN	88.17	P	08:49:14.665	0.1	275.7	4.87	TAS	9.6	1.20	m_e	mb	5.0
WET	88.63	P	08:49:16.656		275.7	4.87	TAS	9.4	1.07	m_e	mb	4.9
WLF	84.21	P	08:48:55.174	0.1	275.7	4.87	TAS	24.0	1.06	m_e	mb	5.4

Event 50809006 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/09	17:56:00.70			-27.2200	-176.5200				40.0					156.78	156.78	m i ke	EMSC
50809038																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	156.78		PKPab	18:16:20.970		17.7		3.95		TAS				m_e	

Event 50809007 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/09	18:20:50.87			52.8200	-168.9000				33.0			40		72.82	81.01	m i ke	BGR
50809013																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	76.96		P	18:32:40.638	0.2	0.4		5.62		TAS		19.5	1.02	a_e	mb	5.2
ARSA	80.24		P	18:32:58.769	-0.1	0.4		5.62		TAS		31.0	1.15	m_e	mb	5.1
ASSE	75.42		P	18:32:31.738	0.2	0.4		5.62		TAS		20.1	1.15	a_e	mb	5.0
BFO	79.20		P	18:32:52.938	0.1	0.4		5.62		TAS		22.6	1.13	a_e	mb	5.1

BRG	76.65	P	18:32:38.688	0.1	0.4	5.62	TAS	19.8	1.06	a_e	mb	5.2
BSEG	73.61	P	18:32:21.388	-0.0	0.4	5.62	TAS	31.0	1.06	a_e	mb	5.3
BUG	76.06	P	18:32:35.088	-0.0	0.4	5.62	TAS	19.3	1.01	a_e	mb	5.2
CLL	76.23	P	18:32:35.988	-0.0	0.4	5.62	TAS	17.5	1.03	m_e	mb	5.1
CLZ	75.71	P	18:32:33.788	-0.3	0.4	5.62	TAS	36.9	1.10	a_e	mb	5.4
DAVA	80.27	P	18:32:58.394	-0.6	0.4	5.62	TAS	13.3	1.05	m_e	mb	4.8
FLT1	75.22	P	18:32:30.088	0.3	0.4	5.62	TAS	21.0	0.92	a_e	mb	5.2
FUR	79.40	P	18:32:54.288	0.1	0.4	5.62	TAS	37.0	1.01	a_e	mb	5.4
GEC2	78.69	P	18:32:50.288	-0.1	0.4	5.62	TAS	25.6	1.22	a_e	mb	5.1
GRA1	77.87	P	18:32:46.088	0.2	0.4	5.62	TAS	44.9	1.17	a_e	mb	5.5
GTTG	76.00	P	18:32:35.338	-0.3	0.4	5.62	TAS	45.6	1.18	a_e	mb	5.5
GUNZ	77.19	P	18:32:41.988	0.0	0.4	5.62	TAS	19.9	1.30	a_e	mb	5.1
IBBN	75.21	P	18:32:30.588	-0.1	0.4	5.62	TAS	42.7	1.03	a_e	mb	5.4
KAST	76.33	P	18:32:36.888	0.0	0.4	5.62	TAS	14.8	1.07	a_e	mb	5.0
KBA	80.46	P	18:32:59.930		0.4	5.62	TAS	85.3	1.14	m_e	mb	5.6
LNIZ	74.03	P	18:32:23.688	-0.2	0.4	5.62	TAS			a_e		
MANZ	77.57	P	18:32:43.988	0.4	0.4	5.62	TAS	16.0	1.37	a_e	mb	5.0
MILB	77.72	P	18:32:44.788	0.4	0.4	5.62	TAS	27.8	0.96	a_e	mb	5.4
MOX	76.91	P	18:32:40.288	0.1	0.4	5.62	TAS	24.2	1.05	a_e	mb	5.3
NEUB	76.36	P	18:32:37.038	0.0	0.4	5.62	TAS	45.8	1.16	a_e	mb	5.5
NRDL	75.06	P	18:32:29.588	-0.6	0.4	5.62	TAS	23.9	1.13	a_e	mb	5.1
OBKA	81.01	P	18:33:02.483		0.4	5.62	TAS	25.5	0.95	m_e	mb	5.2
PLN	77.07	P	18:32:41.088	0.3	0.4	5.62	TAS	11.7	1.21	a_e	mb	4.9
RJOB	79.81	P	18:32:56.488	-0.7	0.4	5.62	TAS	65.0	1.00	a_e	mb	5.5
ROTZ	77.79	P	18:32:45.488	0.5	0.4	5.62	TAS	18.1	1.22	a_e	mb	5.1
RUE	75.05	P	18:32:29.638	-0.1	0.4	5.62	TAS	29.0	0.89	a_e	mb	5.3
SKMB	72.82	P	18:32:17.088	-0.1	0.4	5.62	TAS	36.4	0.69	a_e	mb	5.6
STU	78.77	P	18:32:50.588	0.1	0.4	5.62	TAS	33.3	1.30	a_e	mb	5.2
TNS	77.31	P	18:32:42.488	0.1	0.4	5.62	TAS	20.9	1.12	a_e	mb	5.2
UBBA	76.73	P	18:32:39.238	0.2	0.4	5.62	TAS	11.4	1.42	a_e	mb	4.8
UBR	79.88	P	18:32:56.938	-0.4	0.4	5.62	TAS	35.5	1.26	a_e	mb	5.2
WERD	77.10	P	18:32:41.488	0.4	0.4	5.62	TAS	13.2	1.13	a_e	mb	5.0
WERN	77.26	P	18:32:42.538	0.1	0.4	5.62	TAS	21.2	1.08	a_e	mb	5.2
WET	78.40	P	18:32:48.938	-0.1	0.4	5.62	TAS	17.4	1.19	a_e	mb	5.1
WLF	77.81	P	18:32:45.588	0.4	0.4	5.62	TAS	20.5	1.07	a_e	mb	5.2
WTTA	80.29	P	18:32:58.784		0.4	5.62	TAS	29.1	1.08	m_e	mb	5.1

Event 50809008 Near coast of Venezuela

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/09	19:36:24.02			11.3200	-71.4500				123.3	1.4		32		73.44	78.42	m i ke	BGR
50809014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50809014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	74.06		P	19:47:46.827	0.2	271.5		5.66		TAS		17.2	1.16	m_e mb	5.0
BFO	74.85		P	19:47:50.458	-0.3	271.5		5.66		TAS		5.0	1.15	m_e mb	4.4
BRG	78.42		P	19:48:11.056		271.5		5.66		TAS		6.5	0.99	m_e mb	4.7
BRG	78.42		pP	19:48:42.052						T__				m_e	
BSEG	76.09		P	19:47:57.984	-0.5	271.5		5.66		TAS		9.2	0.84	m_e mb	4.9
BUG	74.21		P	19:47:47.223	-0.2	271.5		5.66		TAS		9.9	0.98	m_e mb	4.8
BUG	74.21		pP	19:48:18.313						T__				m_e	
CLL	77.80		P	19:48:07.623	0.1	271.5		5.66		TAS		6.3	0.92	m_e mb	4.7
CLL	77.80		pP	19:48:38.440						T__				m_e	
CLZ	76.14		P	19:47:58.512	-0.0	271.5		5.66		TAS		7.2	0.77	m_e mb	4.9
CLZ	76.14		pP	19:48:29.224						T__				m_e	
FLT1	76.67		P	19:48:00.823	-0.3	271.5		5.66		TAS		16.9	1.09	m_e mb	5.1
FUR	76.82		P	19:48:02.275	0.3	271.5		5.66		TAS		12.2	0.78	m_e mb	5.1
GEC2	78.39		P	19:48:10.858		271.5		5.66		TAS		9.0	0.68	m_e mb	5.0
GEC2	78.39		pP	19:48:41.739						T__				m_e	
GRA1	76.73		P	19:48:01.615	-0.1	271.5		5.66		TAS		5.0	0.82	m_e mb	4.7
GRA1	76.73		pP	19:48:32.578						T__				m_e	
GTTG	75.89		P	19:47:57.060	0.3	271.5		5.66		TAS		12.7	0.94	m_e mb	5.0
GUNZ	77.42		P	19:48:05.642	0.3	271.5		5.66		TAS		5.3	1.04	m_e mb	4.6
HLG	74.66		P	19:47:49.930	-0.5	271.5		5.66		TAS		30.6	0.67	m_e mb	5.5
IBBN	74.53		P	19:47:49.240		271.5		5.66		TAS		14.2	0.54	m_e mb	5.2
KAST	74.92		P	19:47:51.184	0.1	271.5		5.66		TAS		5.0	0.79	m_e mb	4.6
MANZ	77.29		P	19:48:05.114	-0.1	271.5		5.66		TAS		15.2	0.95	m_e mb	5.1
MANZ	77.29		pP	19:48:35.694						T__				m_e	
MILB	75.48		P	19:47:54.551	0.1	271.5		5.66		TAS		7.2	0.75	m_e mb	4.8
MOX	76.95		P	19:48:02.605	-0.2	271.5		5.66		TAS		2.9	0.98	m_e mb	4.4
NEUB	77.03		P	19:48:03.332	0.1	271.5		5.66		TAS		9.0	1.06	m_e mb	4.8
NRDL	75.97		P	19:47:57.654	-0.0	271.5		5.66		TAS		8.0	0.87	m_e mb	4.9
PLN	77.30		P	19:48:04.718	0.1	271.5		5.66		TAS		8.4	1.21	m_e mb	4.7
RGN	77.84		P	19:48:08.151	-0.2	271.5		5.66		TAS		19.2	0.82	m_e mb	5.3
RJOB	77.86		P	19:48:08.019		271.5		5.66		TAS		37.3	1.45	m_e mb	5.3
ROTZ	77.37		P	19:48:05.378	0.3	271.5		5.66		TAS		6.4	1.06	m_e mb	4.7
STU	75.42		P	19:47:54.089	-0.0	271.5		5.66		TAS		15.8	0.62	m_e mb	5.2
STU	75.42		pP	19:48:25.150						T__				m_e	
TNS	74.93		P	19:47:51.646	-0.1	271.5		5.66		TAS		14.2	1.00	m_e mb	4.9
UBBA	75.92		P	19:47:57.192	0.4	271.5		5.66		TAS		25.1	1.91	m_e mb	5.0
UBR	76.05		P	19:47:58.050	0.1	271.5		5.66		TAS		6.0	0.76	m_e mb	4.8
WERD	77.40		P	19:48:05.312	-0.1	271.5		5.66		TAS		6.2	0.69	m_e mb	4.8
WERN	77.45		P	19:48:06.038	0.1	271.5		5.66		TAS		9.2	1.21	m_e mb	4.8
WET	77.83		P	19:48:07.953	-0.2	271.5		5.66		TAS		12.7	1.42	m_e mb	4.9
WLF	73.44		P	19:47:43.130	0.1	271.5		5.66		TAS		19.7	1.17	m_e mb	5.1

Event 50809009 Greece

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

2015/08/09 21:39:22.70 38.1550 22.0630 55.0 6 11.73 14.83 m i ke THE  
50809087

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	14.25		Pn	21:42:38.409						T__					m_e
GRA1	13.91		Pn	21:42:33.745						T__					m_e
MILB	14.83		Pn	21:42:45.945						T__					m_e
RJOB	11.73		Pn	21:42:04.435						T__					m_e
STU	14.12		Pn	21:42:35.308						T__					m_e
UBR	12.92		Pn	21:42:21.584						T__					m_e

Event 50810001 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
2015/08/10	02:34:58.71		38.3910	141.9100					33.0					82.09	82.09	m i ke	BGR

OrigID 50810007

Magnitude Err Nsta Author OrigID  
mb 4.8 BGR 50810007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.09		P	02:47:14.645		39.8		4.71		TAS		13.1	1.74	m_e mb	4.8

Event 50810002 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/10	04:12:13.70		-9.3300	158.0400					10.0				33	126.89	133.52	m i ke	EMSC

OrigID 50810034

Magnitude Err Nsta Author OrigID  
Ms 6.6 BGR 50810008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	132.42		SS	04:51:30.574	2.6	39.4		12.25		TAS					m_e
AHRW	132.42		PKPdf	04:31:28.980	0.1	46.2		1.97		TAS					a_e
ASSE	129.73		SS	04:50:56.208	0.5	39.4		12.25		TAS					a_e
ASSE	129.73		PKPdf	04:31:23.530	-0.0	46.2		1.97		TAS					a_e
ASSE	129.73		PP	04:33:33.385	-0.3	41.6		6.60		TAS					a_e
BFO	133.52		SS	04:51:45.058	1.3	39.4		12.25		TAS					a_e
BFO	133.52		PKPdf	04:31:30.780	-0.2	46.2		1.97		TAS					a_e
BFO	133.52		PP	04:33:58.785		41.6		6.60		TAS					a_e



BRG	129.13	SS	04:50:51.208	-0.1	39.4	12.25	TAS	a_e	
BRG	129.13	PKPdf	04:31:22.380	0.1	46.2	1.97	TAS	a_e	
BRG	129.13	PP	04:33:30.535	0.2	41.6	6.60	TAS	a_e	
BSEG	128.56	SS	04:50:42.008	1.9	39.4	12.25	TAS	a_e	
BSEG	128.56	PKPdf	04:31:21.230	-0.1	46.2	1.97	TAS	a_e	
BSEG	128.56	PP	04:33:25.285	0.1	41.6	6.60	TAS	a_e	
BUG	131.66	SS	04:51:18.758	0.6	39.4	12.25	TAS	a_e	
BUG	131.66	PKPdf	04:31:27.130	-0.3	46.2	1.97	TAS	a_e	
BUG	131.66	PP	04:33:45.235	-0.4	41.6	6.60	TAS	a_e	
CLL	129.28	SS	04:50:52.108	0.1	39.4	12.25	TAS	a_e	
CLL	129.28	PKPdf	04:31:22.330	-0.3	46.2	1.97	TAS	a_e	
CLL	129.28	PP	04:33:30.685	-0.2	41.6	6.60	TAS	a_e	
CLZ	130.07	PKPdf	04:31:24.380	0.1	46.2	1.97	TAS	a_e	
CLZ	130.07	PP	04:33:35.885	0.2	41.6	6.60	TAS	a_e	
FLT1	129.34	SS	04:50:53.358	2.3	39.4	12.25	TAS	a_e	
FLT1	129.34	PKPdf	04:31:22.530	-0.3	46.2	1.97	TAS	a_e	
FLT1	129.34	PP	04:33:32.985	0.1	41.6	6.60	TAS	a_e	
FUR	132.25	SS	04:51:31.358	1.0	39.4	12.25	TAS	a_e	
FUR	132.25	PKPdf	04:31:28.430	-0.0	46.2	1.97	TAS	a_e	
FUR	132.25	PP	04:33:51.135	-0.1	41.6	6.60	TAS	a_e	
GEC2	130.59	SS	04:51:10.858	-0.4	39.4	12.25	TAS	a_e	
GEC2	130.59	PKPdf	04:31:25.130	-0.1	46.2	1.97	TAS	a_e	
GEC2	130.59	PP	04:33:40.385	0.0	41.6	6.60	TAS	a_e	
GRA1	131.22	SS	04:51:15.408	-0.8	39.4	12.25	TAS	a_e	
GRA1	131.22	PKPdf	04:31:26.480	0.1	46.2	1.97	TAS	a_e	
GRA1	131.22	PP	04:33:43.885	0.0	41.6	6.60	TAS	a_e	
GRA1	131.22	L	05:32:05.186				T__		13275.8 21.70 a_e Ms 6.6
GTTG	130.46	SS	04:51:05.058	0.4	39.4	12.25	TAS	a_e	
GTTG	130.46	PKPdf	04:31:25.080	0.1	46.2	1.97	TAS	m_e	
GTTG	130.46	PP	04:33:38.085	-0.3	41.6	6.60	TAS	a_e	
GUNZ	130.24	PKPdf	04:31:24.730	0.2	46.2	1.97	TAS	a_e	
GUNZ	130.24	PP	04:33:37.535	0.1	41.6	6.60	TAS	a_e	
HLG	129.31	SS	04:50:48.258	-0.1	39.4	12.25	TAS	a_e	
HLG	129.31	PKPdf	04:31:22.780	-0.2	46.2	1.97	TAS	a_e	
IBBN	130.80	SS	04:51:06.658	-0.8	39.4	12.25	TAS	a_e	
IBBN	130.80	PKPdf	04:31:25.630	-0.2	46.2	1.97	TAS	a_e	
IBBN	130.80	PP	04:33:39.685	-0.2	41.6	6.60	TAS	a_e	
KAST	131.37	SS	04:51:15.658	0.4	39.4	12.25	TAS	a_e	
KAST	131.37	PKPdf	04:31:26.830	0.0	46.2	1.97	TAS	a_e	
KAST	131.37	PP	04:33:43.985	-0.5	41.6	6.60	TAS	a_e	
LNIZ	127.24	SS	04:50:23.558	-2.4	39.4	12.25	TAS	a_e	
LNIZ	127.24	PKPdf	04:31:18.930	0.3	46.2	1.97	TAS	a_e	
LNIZ	127.24	PP	04:33:16.585	-0.5	41.6	6.60	TAS	a_e	
MANZ	130.60	SS	04:51:08.808	-0.1	39.4	12.25	TAS	a_e	
MANZ	130.60	PKPdf	04:31:25.330	0.1	46.2	1.97	TAS	a_e	
MANZ	130.60	PP	04:33:39.885	0.2	41.6	6.60	TAS	a_e	
MILB	132.00	SS	04:51:19.858	-4.6	39.4	12.25	TAS	a_e	
MILB	132.00	PKPdf	04:31:28.030	0.0	46.2	1.97	TAS	a_e	
MILB	132.00	PP	04:33:48.135	-0.1	41.6	6.60	TAS	a_e	

MOX	130.37	SS	04:51:04.758	-0.4	39.4	12.25	TAS		m_e	
MOX	130.37	PKPdf	04:31:24.730	-0.0	46.2	1.97	TAS		a_e	
MOX	130.37	PP	04:33:38.135	-0.0	41.6	6.60	TAS		m_e	
MOX	130.37	L	05:30:41.631				T__	14381.5	21.40	a_e Ms 6.6
NEUB	129.91	SS	04:50:59.058	-0.2	39.4	12.25	TAS		a_e	
NEUB	129.91	PKPdf	04:31:23.730	-0.1	46.2	1.97	TAS		a_e	
NEUB	129.91	PP	04:33:34.585	0.3	41.6	6.60	TAS		a_e	
NRDL	129.70	SS	04:50:55.308	0.5	39.4	12.25	TAS		a_e	
NRDL	129.70	PKPdf	04:31:23.680	0.1	46.2	1.97	TAS		a_e	
NRDL	129.70	PP	04:33:33.085	0.1	41.6	6.60	TAS		a_e	
PLN	130.23	SS	04:51:03.058	-0.9	39.4	12.25	TAS		a_e	
PLN	130.23	PKPdf	04:31:24.530	0.1	46.2	1.97	TAS		a_e	
PLN	130.23	PP	04:33:37.535	0.1	41.6	6.60	TAS		a_e	
RGN	126.89	SS	04:50:19.958	-0.5	39.4	12.25	TAS		a_e	
RGN	126.89	PKPdf	04:31:17.980	-0.0	46.2	1.97	TAS		a_e	
RGN	126.89	PP	04:33:13.835	-0.6	41.6	6.60	TAS		a_e	
RJOB	131.77	SS	04:51:27.358	1.0	39.4	12.25	TAS		a_e	
RJOB	131.77	PKPdf	04:31:27.180	-0.4	46.2	1.97	TAS		a_e	
ROTZ	130.70	SS	04:51:10.658	0.2	39.4	12.25	TAS		a_e	
ROTZ	130.70	PKPdf	04:31:25.430	0.0	46.2	1.97	TAS		a_e	
ROTZ	130.70	PP	04:33:40.835	0.0	41.6	6.60	TAS		a_e	
RUE	128.13	SS	04:50:35.644	-1.7	39.4	12.25	TAS		m_e	
RUE	128.13	PKPdf	04:31:20.380	0.0	46.2	1.97	TAS		a_e	
RUE	128.13	PP	04:33:22.535	-0.6	41.6	6.60	TAS		a_e	
SKMB	128.31	SS	04:50:38.558	2.1	39.4	12.25	TAS		a_e	
SKMB	128.31	PKPdf	04:31:21.030	0.0	46.2	1.97	TAS		a_e	
SKMB	128.31	PP	04:33:23.635	0.1	41.6	6.60	TAS		a_e	
STU	132.81	SS	04:51:36.908	1.8	39.4	12.25	TAS		a_e	
STU	132.81	PKPdf	04:31:29.580	0.0	46.2	1.97	TAS		a_e	
TNS	132.08	SS	04:51:24.296	-0.4	39.4	12.25	TAS		m_e	
TNS	132.08	PKPdf	04:31:28.280	0.1	46.2	1.97	TAS		a_e	
TNS	132.08	PP	04:33:48.835	0.0	41.6	6.60	TAS		a_e	
UBBA	130.97	SS	04:51:11.758	0.3	39.4	12.25	TAS		a_e	
UBBA	130.97	PKPdf	04:31:26.030	0.1	46.2	1.97	TAS		a_e	
UBBA	130.97	PP	04:33:41.435	0.0	41.6	6.60	TAS		a_e	
UBR	133.15	SS	04:51:42.958	1.9	39.4	12.25	TAS		a_e	
UBR	133.15	PKPdf	04:31:30.080	-0.2	46.2	1.97	TAS		a_e	
UBR	133.15	PP	04:33:57.085		41.6	6.60	TAS		a_e	
WERD	130.19	PKPdf	04:31:24.480	0.1	46.2	1.97	TAS		a_e	
WERD	130.19	PP	04:33:37.235	0.2	41.6	6.60	TAS		a_e	
WERN	130.27	PKPdf	04:31:24.780	0.2	46.2	1.97	TAS		m_e	
WERN	130.27	PP	04:33:37.735	0.1	41.6	6.60	TAS		a_e	
WET	130.80	SS	04:51:13.008	0.2	39.4	12.25	TAS		a_e	
WET	130.80	PKPdf	04:31:25.730	0.1	46.2	1.97	TAS		a_e	
WET	130.80	PP	04:33:41.735	-0.3	41.6	6.60	TAS		a_e	
WLF	133.48	SS	04:51:35.282	-5.7	39.4	12.25	TAS		m_e	
WLF	133.48	PKPdf	04:31:31.630	0.6	46.2	1.97	TAS		a_e	

Event 50810003 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/10	04:24:30.80			-9.3600	157.8500				10.0					131.15	131.15	m i ke	EMSC

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	131.15		PKPdf	04:43:44.566		46.1		1.66		TAS					m_e

Event 50810005 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/10	07:43:38.71			-20.2400	-174.3500				74.4	1.5		36		145.46	152.39	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	149.74		PKPbc	08:03:19.645	0.3	10.2		2.68		TAS					m_e
AHRW	149.74		PKPab	08:03:24.118		11.5		4.16		TAS					m_e
ASSE	147.93		PKPbc	08:03:14.802	-0.0	10.2		2.68		TAS					a_e
BFO	151.89		PKPbc	08:03:24.752	-0.7	10.2		2.68		TAS					a_e
BFO	151.89		PKPab	08:03:33.072		11.5		4.16		TAS					m_e
BRG	148.74		PKPdf	08:03:13.627	-0.1	15.4		1.63		TAS					m_e
BRG	148.74		PKPbc	08:03:16.952	0.2	10.2		2.68		TAS					a_e
BRG	148.74		PKPab	08:03:19.598		11.5		4.16		TAS					m_e
BSEG	146.17		PKPbc	08:03:09.502	-0.2	10.2		2.68		TAS					a_e
BUG	148.84		PKPbc	08:03:17.102	0.2	10.2		2.68		TAS					m_e
BUG	148.84		sPKPbc	08:03:46.364						T__					m_e
CLL	148.46		PKPdf	08:03:12.795	0.4	15.4		1.63		TAS					m_e
CLL	148.46		PKPbc	08:03:16.102	0.2	10.2		2.68		TAS					a_e
CLZ	148.25		PKPbc	08:03:15.771	0.1	10.2		2.68		TAS					m_e
CLZ	148.25		sPKPbc	08:03:44.386						T__					m_e
FLT1	147.68		PKPdf	08:03:11.335	-0.4	15.4		1.63		TAS					m_e
FLT1	147.68		PKPbc	08:03:13.752	0.2	10.2		2.68		TAS					a_e
FUR	151.78		PKPbc	08:03:24.452	-0.5	10.2		2.68		TAS					m_e
FUR	151.78		sPKPbc	08:03:53.333						T__					m_e
GEC2	150.74		PKPdf	08:03:16.470		15.4		1.63		TAS					m_e
GEC2	150.74		PKPbc	08:03:22.102	-0.1	10.2		2.68		TAS					a_e
GRA1	150.28		PKPdf	08:03:16.441		15.4		1.63		TAS					m_e
GRA1	150.28		PKPbc	08:03:21.037	0.2	10.2		2.68		TAS					m_e
GRA1	150.28		PKPab	08:03:26.321		11.5		4.16		TAS					m_e

GTTG	148.57	PKPdf	08:03:13.541	-0.1	15.4	1.63	TAS	m_e
GTTG	148.57	PKPbc	08:03:16.552	0.1	10.2	2.68	TAS	a_e
GTTG	148.57	PKPab	08:03:19.191		11.5	4.16	TAS	m_e
GUNZ	149.48	PKPdf	08:03:14.355		15.4	1.63	TAS	m_e
GUNZ	149.48	PKPbc	08:03:19.052	0.5	10.2	2.68	TAS	a_e
HLG	146.07	PKPbc	08:03:09.502	-0.6	10.2	2.68	TAS	a_e
IBBN	147.95	PKPbc	08:03:14.802	0.4	10.2	2.68	TAS	m_e
IBBN	147.95	PKPab	08:03:17.029		11.5	4.16	TAS	m_e
KAST	149.02	PKPdf	08:03:14.291	-0.3	15.4	1.63	TAS	m_e
KAST	149.02	PKPbc	08:03:17.802	0.1	10.2	2.68	TAS	a_e
LNIZ	146.16	PKPbc	08:03:09.252	-0.4	10.2	2.68	TAS	a_e
MANZ	149.88	PKPdf	08:03:15.111		15.4	1.63	TAS	m_e
MANZ	149.88	PKPbc	08:03:20.102	0.2	10.2	2.68	TAS	a_e
MILB	150.34	PKPdf	08:03:16.257		15.4	1.63	TAS	m_e
MILB	150.34	PKPbc	08:03:21.202	0.1	10.2	2.68	TAS	a_e
MOX	149.29	PKPdf	08:03:14.090	0.0	15.4	1.63	TAS	m_e
MOX	149.29	PKPbc	08:03:18.253	0.4	10.2	2.68	TAS	m_e
MOX	149.29	PKPab	08:03:21.626		11.5	4.16	TAS	m_e
NEUB	148.74	PKPdf	08:03:13.761	0.6	15.4	1.63	TAS	m_e
NEUB	148.74	PKPbc	08:03:16.902	-0.1	10.2	2.68	TAS	a_e
NRDL	147.62	PKPbc	08:03:13.902	-0.1	10.2	2.68	TAS	a_e
PLN	149.38	PKPdf	08:03:14.453	0.0	15.4	1.63	TAS	m_e
PLN	149.38	PKPbc	08:03:18.702	0.2	10.2	2.68	TAS	a_e
RJOB	151.96	PKPdf	08:03:18.368		15.4	1.63	TAS	m_e
RJOB	151.96	PKPbc	08:03:24.790	-0.8	10.2	2.68	TAS	m_e
ROTZ	150.08	PKPdf	08:03:15.372		15.4	1.63	TAS	m_e
ROTZ	150.08	PKPbc	08:03:20.602	0.2	10.2	2.68	TAS	a_e
RUE	147.21	PKPbc	08:03:12.452	0.1	10.2	2.68	TAS	a_e
SKMB	145.46	PKPbc	08:03:07.488	-0.3	10.2	2.68	TAS	m_e
STU	151.39	PKPbc	08:03:23.752	-0.4	10.2	2.68	TAS	a_e
TNS	150.00	PKPbc	08:03:20.402	0.3	10.2	2.68	TAS	m_e
TNS	150.00	PKPab	08:03:25.218		11.5	4.16	TAS	m_e
UBBA	149.29	PKPdf	08:03:14.052	-0.1	15.4	1.63	TAS	m_e
UBBA	149.29	PKPbc	08:03:18.652	0.2	10.2	2.68	TAS	a_e
UBR	152.39	PKPdf	08:03:19.354		15.4	1.63	TAS	m_e
UBR	152.39	PKPbc	08:03:25.752		10.2	2.68	TAS	a_e
WERD	149.40	PKPdf	08:03:13.862		15.4	1.63	TAS	m_e
WERD	149.40	PKPbc	08:03:18.752	0.3	10.2	2.68	TAS	a_e
WERD	149.40	sPKPbc	08:03:48.221				T__	m_e
WERN	149.55	PKPdf	08:03:15.058		15.4	1.63	TAS	m_e
WERN	149.55	PKPbc	08:03:19.402	-0.0	10.2	2.68	TAS	a_e
WET	150.59	PKPdf	08:03:15.979		15.4	1.63	TAS	m_e
WET	150.59	PKPbc	08:03:21.802	0.3	10.2	2.68	TAS	a_e
WET	150.59	PKPab	08:03:27.191		11.5	4.16	TAS	m_e
WET	150.59	sPKPbc	08:03:51.228				T__	m_e
WLF	150.64	PKPbc	08:03:22.452	-0.1	10.2	2.68	TAS	a_e

Event 50810006 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/10	10:05:25.81			36.2300	71.3800				238.2	7.2		30		42.80	48.13	m i ke	BGR
OrigID 50810012																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.1		BGR	50810012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	47.41		S	10:20:14.631		84.3		14.80		TAS				a_e	
AHRW	47.41		sS	10:21:39.070		84.3		14.65		TAS				a_e	
AHRW	47.41		SS	10:23:55.738		86.8		21.15		TAS				a_e	
AHRW	47.41		P	10:13:35.444	-0.2	85.2		7.85		TAS		198.6	1.04	a_e mb	6.2
AHRW	47.41		pP	10:14:26.347	-0.3	84.1		8.04		TAS				m_e	
AHRW	47.41		sP	10:14:52.970	0.0	84.2		8.03		TAS				m_e	
ASSE	44.99		S	10:19:36.931	-0.3	84.3		14.80		TAS				a_e	
ASSE	44.99		sS	10:21:01.120	-0.5	84.3		14.65		TAS				a_e	
ASSE	44.99		SS	10:23:12.388	1.9	86.8		21.15		TAS				a_e	
ASSE	44.99		P	10:13:16.294	-0.3	85.2		7.85		TAS		243.9	1.71	a_e mb	5.9
BFO	46.94		S	10:20:07.081		84.3		14.80		TAS				a_e	
BFO	46.94		sS	10:21:30.920		84.3		14.65		TAS				a_e	
BFO	46.94		P	10:13:31.194	-0.4	85.2		7.85		TAS		145.4	1.47	a_e mb	5.9
BFO	46.94		pP	10:14:22.829	-0.0	84.1		8.04		TAS				m_e	
BRG	43.03		S	10:19:09.081	0.0	84.3		14.80		TAS				a_e	
BRG	43.03		sS	10:20:33.470	-0.5	84.3		14.65		TAS				a_e	
BRG	43.03		SS	10:22:28.438	-0.3	86.8		21.15		TAS				a_e	
BRG	43.03		P	10:13:01.044	-0.3	85.2		7.85		TAS		336.0	1.34	a_e mb	5.9
BRG	43.03		pP	10:13:51.367		84.1		8.04		TAS				m_e	
BRG	43.03		sP	10:14:17.535		84.2		8.03		TAS				m_e	
BSEG	45.10		S	10:19:38.831	-0.2	84.3		14.80		TAS				a_e	
BSEG	45.10		sS	10:21:03.670	0.1	84.3		14.65		TAS				a_e	
BSEG	45.10		SS	10:23:16.299	12.6	86.8		21.15		TAS				m_e	
BSEG	45.10		P	10:13:17.544	0.6	85.2		7.85		TAS		645.8	1.40	a_e mb	6.4
BSEG	45.10		pP	10:14:07.946	-0.7	84.1		8.04		TAS				a_e	
BUG	47.17		S	10:20:08.831		84.3		14.80		TAS				a_e	
BUG	47.17		sS	10:21:33.420		84.3		14.65		TAS				a_e	
BUG	47.17		SS	10:23:51.288		86.8		21.15		TAS				a_e	
BUG	47.17		P	10:13:33.344	-0.4	85.2		7.85		TAS		309.3	1.29	a_e mb	6.3
BUG	47.17		pP	10:14:24.342	-0.2	84.1		8.04		TAS				m_e	
BUG	47.17		sP	10:14:50.454	-0.3	84.2		8.03		TAS				m_e	
CLL	43.60		S	10:19:16.331	1.2	84.3		14.80		TAS				a_e	
CLL	43.60		sS	10:20:41.120	1.2	84.3		14.65		TAS				a_e	
CLL	43.60		P	10:13:05.044	-0.7	85.2		7.85		TAS		297.5	1.63	a_e mb	5.8
CLL	43.60		pP	10:13:55.296	1.0	84.1		8.04		TAS				a_e	
CLL	43.60		sP	10:14:22.071		84.2		8.03		TAS				m_e	
CLZ	45.20		S	10:19:40.081	2.5	84.3		14.80		TAS				a_e	
CLZ	45.20		sS	10:21:04.720	3.0	84.3		14.65		TAS				a_e	

CLZ	45.20	SS	10:23:16.788	1.2	86.8	21.15	TAS			m_e	
CLZ	45.20	P	10:13:18.244	-0.1	85.2	7.85	TAS	272.6	1.03	a_e mb	6.1
CLZ	45.20	pP	10:14:08.646	-1.0	84.1	8.04	TAS			a_e	
FBE	43.40	P	10:13:04.194	-0.0	85.2	7.85	TAS	408.2	1.24	a_e mb	6.0
FBE	43.40	pP	10:13:54.396	-0.2	84.1	8.04	TAS			a_e	
FBE	43.40	sP	10:14:20.616		84.2	8.03	TAS			m_e	
FLT1	44.63	S	10:19:31.181	1.0	84.3	14.80	TAS			a_e	
FLT1	44.63	sS	10:20:55.520	1.2	84.3	14.65	TAS			a_e	
FLT1	44.63	SS	10:23:06.038	1.1	86.8	21.15	TAS			a_e	
FLT1	44.63	P	10:13:12.994	-0.8	85.2	7.85	TAS	305.2	0.71	a_e mb	6.3
FLT1	44.63	pP	10:14:03.296	0.3	84.1	8.04	TAS			m_e	
FUR	45.02	S	10:19:37.231	-0.4	84.3	14.80	TAS			a_e	
FUR	45.02	sS	10:21:01.820	-0.4	84.3	14.65	TAS			a_e	
FUR	45.02	SS	10:23:15.122	6.8	86.8	21.15	TAS			m_e	
FUR	45.02	P	10:13:16.944	0.6	85.2	7.85	TAS	378.3	1.26	a_e mb	6.2
FUR	45.02	pP	10:14:07.765	-0.1	84.1	8.04	TAS			m_e	
FUR	45.02	sP	10:14:33.839	0.1	84.2	8.03	TAS			m_e	
GEC2	43.34	S	10:19:13.931	0.6	84.3	14.80	TAS			a_e	
GEC2	43.34	sS	10:20:38.620	0.5	84.3	14.65	TAS			a_e	
GEC2	43.34	SS	10:22:30.423	-2.5	86.8	21.15	TAS			m_e	
GEC2	43.34	P	10:13:03.494	0.2	85.2	7.85	TAS	194.6	1.62	a_e mb	5.6
GEC2	43.34	pP	10:13:53.921	-0.4	84.1	8.04	TAS			m_e	
GEC2	43.34	sP	10:14:20.023		84.2	8.03	TAS			m_e	
GRA1	44.87	S	10:19:37.931	-0.7	84.3	14.80	TAS			a_e	
GRA1	44.87	sS	10:21:02.070	-0.7	84.3	14.65	TAS			a_e	
GRA1	44.87	SS	10:23:06.888	0.5	86.8	21.15	TAS			m_e	
GRA1	44.87	P	10:13:16.394	0.8	85.2	7.85	TAS	602.2	1.65	a_e mb	6.3
GRA1	44.87	pP	10:14:07.388	-0.1	84.1	8.04	TAS			m_e	
GRA1	44.87	sP	10:14:32.918	0.1	84.2	8.03	TAS			m_e	
GTTG	45.48	S	10:19:44.631	0.7	84.3	14.80	TAS			a_e	
GTTG	45.48	sS	10:21:09.170	0.9	84.3	14.65	TAS			a_e	
GTTG	45.48	SS	10:23:21.388	-2.0	86.8	21.15	TAS			m_e	
GTTG	45.48	P	10:13:20.394	-0.1	85.2	7.85	TAS	496.9	1.35	a_e mb	6.3
GTTG	45.48	pP	10:14:10.996	1.1	84.1	8.04	TAS			a_e	
GUNZ	44.09	P	10:13:09.644	0.1	85.2	7.85	TAS	242.1	1.47	a_e mb	5.7
GUNZ	44.09	pP	10:14:00.339	0.0	84.1	8.04	TAS			m_e	
GUNZ	44.09	sP	10:14:26.449		84.2	8.03	TAS			m_e	
HLG	46.52	S	10:19:58.731	-1.1	84.3	14.80	TAS			a_e	
HLG	46.52	sS	10:21:23.970	-0.8	84.3	14.65	TAS			a_e	
HLG	46.52	SS	10:23:37.038		86.8	21.15	TAS			a_e	
HLG	46.52	P	10:13:28.394	0.4	85.2	7.85	TAS	599.7	1.34	a_e mb	6.6
IBBN	46.76	S	10:20:01.431		84.3	14.80	TAS			a_e	
IBBN	46.76	sS	10:21:26.770	-2.6	84.3	14.65	TAS			a_e	
IBBN	46.76	SS	10:23:43.888		86.8	21.15	TAS			a_e	
IBBN	46.76	P	10:13:30.244	-0.2	85.2	7.85	TAS	780.7	1.47	a_e mb	6.6
IBBN	46.76	pP	10:14:21.146	0.0	84.1	8.04	TAS			a_e	
IBBN	46.76	sP	10:14:47.675	0.0	84.2	8.03	TAS			m_e	
KAST	46.48	S	10:19:59.831	0.5	84.3	14.80	TAS			a_e	
KAST	46.48	sS	10:21:24.220	0.0	84.3	14.65	TAS			a_e	

KAST	46.48	SS	10:23:39.938		86.8	21.15	TAS			a_e		
KAST	46.48	P	10:13:28.094	-0.3	85.2	7.85	TAS	186.2	1.69	a_e mb		5.8
KAST	46.48	pP	10:14:18.751	-0.4	84.1	8.04	TAS			m_e		
LNIZ	42.80	S	10:19:03.081	-1.2	84.3	14.80	TAS			a_e		
LNIZ	42.80	sS	10:20:27.570	-1.6	84.3	14.65	TAS			a_e		
LNIZ	42.80	SS	10:22:32.538	8.2	86.8	21.15	TAS			a_e		
LNIZ	42.80	P	10:12:58.494	-0.6	85.2	7.85	TAS	472.3	1.16	a_e mb		6.1
LNIZ	42.80	pP	10:13:48.631		84.1	8.04	TAS			m_e		
LNIZ	42.80	sP	10:14:15.341		84.2	8.03	TAS			m_e		
MANZ	44.27	S	10:19:28.831	1.7	84.3	14.80	TAS			m_e		
MANZ	44.27	sS	10:20:53.620	1.2	84.3	14.65	TAS			a_e		
MANZ	44.27	SS	10:22:50.988	7.5	86.8	21.15	TAS			a_e		
MANZ	44.27	P	10:13:11.344	0.4	85.2	7.85	TAS	305.3	1.44	a_e mb		5.8
MANZ	44.27	pP	10:14:01.646	-0.5	84.1	8.04	TAS			a_e		
MANZ	44.27	sP	10:14:27.874	-0.2	84.2	8.03	TAS			m_e		
MILB	46.09	S	10:19:55.131	0.6	84.3	14.80	TAS			a_e		
MILB	46.09	sS	10:21:19.770	1.1	84.3	14.65	TAS			a_e		
MILB	46.09	SS	10:23:33.943	-5.3	86.8	21.15	TAS			m_e		
MILB	46.09	P	10:13:25.094	-0.2	85.2	7.85	TAS	315.5	1.46	a_e mb		6.1
MILB	46.09	pP	10:14:16.496	0.3	84.1	8.04	TAS			m_e		
MILB	46.09	sP	10:14:42.466	0.3	84.2	8.03	TAS			m_e		
MOX	44.52	S	10:19:31.381	-0.7	84.3	14.80	TAS			a_e		
MOX	44.52	sS	10:20:56.070	-0.7	84.3	14.65	TAS			m_e		
MOX	44.52	SS	10:23:06.188	1.6	86.8	21.15	TAS			a_e		
MOX	44.52	P	10:13:12.994	-0.0	85.2	7.85	TAS	348.0	1.56	a_e mb		6.0
MOX	44.52	pP	10:14:03.491	0.2	84.1	8.04	TAS			m_e		
NEUB	44.38	S	10:19:27.881	-0.7	84.3	14.80	TAS			a_e		
NEUB	44.38	sS	10:20:52.620	-1.1	84.3	14.65	TAS			a_e		
NEUB	44.38	SS	10:23:02.638	3.5	86.8	21.15	TAS			a_e		
NEUB	44.38	P	10:13:11.444	-0.5	85.2	7.85	TAS	475.5	1.42	a_e mb		6.0
NEUB	44.38	pP	10:14:01.796	-0.1	84.1	8.04	TAS			a_e		
NEUB	44.38	sP	10:14:28.745	0.1	84.2	8.03	TAS			m_e		
NRDL	45.31	S	10:19:41.781	-1.7	84.3	14.80	TAS			a_e		
NRDL	45.31	sS	10:21:06.220	-0.6	84.3	14.65	TAS			a_e		
NRDL	45.31	SS	10:23:18.688	3.9	86.8	21.15	TAS			a_e		
NRDL	45.31	P	10:13:19.244	0.2	85.2	7.85	TAS	555.8	1.58	a_e mb		6.2
NRDL	45.31	pP	10:14:08.395	-0.0	84.1	8.04	TAS			m_e		
NRDL	45.31	sP	10:14:36.091	0.1	84.2	8.03	TAS			m_e		
PLN	44.19	S	10:19:26.131	0.3	84.3	14.80	TAS			a_e		
PLN	44.19	sS	10:20:50.420	0.3	84.3	14.65	TAS			a_e		
PLN	44.19	P	10:13:10.294	-0.1	85.2	7.85	TAS	253.4	1.51	a_e mb		5.7
PLN	44.19	pP	10:14:00.596	0.4	84.1	8.04	TAS			a_e		
PLN	44.19	sP	10:14:27.242		84.2	8.03	TAS			m_e		
RGN	43.33	S	10:19:11.581	0.6	84.3	14.80	TAS			a_e		
RGN	43.33	sS	10:20:36.620	0.8	84.3	14.65	TAS			a_e		
RGN	43.33	SS	10:22:29.246	-5.7	86.8	21.15	TAS			m_e		
RGN	43.33	P	10:13:03.344	0.5	85.2	7.85	TAS	1531.9	1.35	m_e mb		6.6
RGN	43.33	pP	10:13:53.496		84.1	8.04	TAS			a_e		
RJOB	44.06	S	10:19:22.931	-0.1	84.3	14.80	TAS			a_e		

RJOB	44.06	sS	10:20:49.120	-0.5	84.3	14.65	TAS			a_e		
RJOB	44.06	SS	10:22:38.657	-3.1	86.8	21.15	TAS			m_e		
RJOB	44.06	P	10:13:08.944	0.4	85.2	7.85	TAS	549.1	1.15	a_e mb		6.2
RJOB	44.06	pP	10:13:59.368	0.4	84.1	8.04	TAS			m_e		
RJOB	44.06	sP	10:14:25.726	-0.2	84.2	8.03	TAS			m_e		
ROTZ	44.22	S	10:19:28.281	-1.0	84.3	14.80	TAS			a_e		
ROTZ	44.22	sS	10:20:53.070	-1.3	84.3	14.65	TAS			a_e		
ROTZ	44.22	SS	10:22:48.067	1.6	86.8	21.15	TAS			m_e		
ROTZ	44.22	P	10:13:11.094	0.5	85.2	7.85	TAS	368.8	1.50	m_e mb		5.9
ROTZ	44.22	pP	10:14:01.540	-0.3	84.1	8.04	TAS			m_e		
ROTZ	44.22	sP	10:14:27.695	-0.3	84.2	8.03	TAS			m_e		
RUE	43.07	S	10:19:07.831	-1.2	84.3	14.80	TAS			a_e		
RUE	43.07	sS	10:20:31.720	-2.2	84.3	14.65	TAS			a_e		
RUE	43.07	SS	10:22:25.717	-4.5	86.8	21.15	TAS			m_e		
RUE	43.07	P	10:13:00.694	-0.8	85.2	7.85	TAS	466.5	1.25	m_e mb		6.1
RUE	43.07	pP	10:13:51.009		84.1	8.04	TAS			m_e		
RUE	43.07	sP	10:14:17.530		84.2	8.03	TAS			m_e		
SKMB	45.58	S	10:19:46.481	-0.1	84.3	14.80	TAS			a_e		
SKMB	45.58	sS	10:21:11.520	-0.1	84.3	14.65	TAS			a_e		
SKMB	45.58	SS	10:23:29.238	-1.6	86.8	21.15	TAS			m_e		
SKMB	45.58	P	10:13:21.694	1.3	85.2	7.85	TAS	973.2	1.54	a_e mb		6.6
STU	46.30	S	10:19:57.631	-2.2	84.3	14.80	TAS			a_e		
STU	46.30	sS	10:21:21.920	-1.2	84.3	14.65	TAS			a_e		
STU	46.30	SS	10:23:39.825	-5.5	86.8	21.15	TAS			m_e		
STU	46.30	P	10:13:26.844	0.1	85.2	7.85	TAS	479.4	1.66	a_e mb		6.3
STU	46.30	pP	10:14:18.130	0.3	84.1	8.04	TAS			m_e		
TNS	46.58	S	10:20:02.231	0.8	84.3	14.80	TAS			a_e		
TNS	46.58	sS	10:21:27.120	1.0	84.3	14.65	TAS			a_e		
TNS	46.58	SS	10:23:41.888		86.8	21.15	TAS			a_e		
TNS	46.58	P	10:13:28.994	-0.2	85.2	7.85	TAS	131.7	1.15	a_e mb		6.0
TNS	46.58	pP	10:14:20.418	0.3	84.1	8.04	TAS			m_e		
TNS	46.58	sP	10:14:46.063	0.2	84.2	8.03	TAS			m_e		
UBBA	45.53	S	10:19:45.731	0.3	84.3	14.80	TAS			a_e		
UBBA	45.53	sS	10:21:10.570	0.2	84.3	14.65	TAS			a_e		
UBBA	45.53	SS	10:23:23.438	-5.6	86.8	21.15	TAS			a_e		
UBBA	45.53	P	10:13:20.594	-0.3	85.2	7.85	TAS	87.5	0.87	a_e mb		5.8
UBBA	45.53	pP	10:14:11.911	0.5	84.1	8.04	TAS			m_e		
UBBA	45.53	sP	10:14:38.113	0.0	84.2	8.03	TAS			m_e		
UBR	45.86	S	10:19:48.581	0.3	84.3	14.80	TAS			a_e		
UBR	45.86	sS	10:21:14.120	1.1	84.3	14.65	TAS			a_e		
UBR	45.86	SS	10:23:37.472	-4.4	86.8	21.15	TAS			m_e		
UBR	45.86	P	10:13:22.944	0.1	85.2	7.85	TAS	139.4	1.16	a_e mb		5.9
UBR	45.86	pP	10:14:13.007	-1.0	84.1	8.04	TAS			m_e		
UBR	45.86	sP	10:14:40.110	0.3	84.2	8.03	TAS			m_e		
WERD	44.10	P	10:13:09.544	-0.1	85.2	7.85	TAS	227.9	1.32	a_e mb		5.7
WERD	44.10	pP	10:13:59.996	-0.7	84.1	8.04	TAS			a_e		
WERD	44.10	sP	10:14:26.529		84.2	8.03	TAS			m_e		
WERN	44.07	P	10:13:09.594	0.2	85.2	7.85	TAS	386.9	2.00	a_e mb		5.8
WERN	44.07	pP	10:14:00.265	-0.1	84.1	8.04	TAS			m_e		



WERN	44.07	sP	10:14:26.366	84.2	8.03	TAS												m_e
WET	43.85	S	10:19:22.231	-0.5	84.3	14.80	TAS											a_e
WET	43.85	sS	10:20:46.970	0.9	84.3	14.65	TAS											a_e
WET	43.85	SS	10:22:32.838	-4.9	86.8	21.15	TAS											a_e
WET	43.85	P	10:13:07.644	0.2	85.2	7.85	TAS	331.1	2.03	a_e	mb						5.7	
WET	43.85	sP	10:14:24.312		84.2	8.03	TAS											m_e
WLF	48.13	sS	10:21:46.070		84.3	14.65	TAS											a_e
WLF	48.13	P	10:13:41.194	-0.1	85.2	7.85	TAS	321.5	1.28	a_e	mb						6.3	
WLF	48.13	pP	10:14:32.918	0.3	84.1	8.04	TAS											m_e
WLF	48.13	sP	10:14:58.700	-0.1	84.2	8.03	TAS											m_e

Event 50810010 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/10	19:19:33.10			-27.2900	-176.3400				10.0			31		152.68	159.03	m i ke	EMSC
50810042																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.6		BGR	50810016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	156.63		SS	20:03:28.604	-0.6	20.4		11.08		TAS					a_e
ASSE	154.64		SS	20:03:02.504	-0.5	20.4		11.08		TAS					a_e
BFO	158.68		SS	20:03:46.804		20.4		11.08		TAS					a_e
BRG	155.18		SS	20:03:07.254	-0.1	20.4		11.08		TAS					a_e
BUG	155.73		SS	20:03:17.354	0.1	20.4		11.08		TAS					a_e
CLL	154.99		SS	20:03:05.054	-1.1	20.4		11.08		TAS					a_e
CLZ	154.96		SS	20:03:06.604	0.0	20.4		11.08		TAS					a_e
FLT1	154.35		SS	20:02:58.704	-0.3	20.4		11.08		TAS					a_e
FUR	158.33		SS	20:03:41.654		20.4		11.08		TAS					a_e
GEC2	157.11		SS	20:03:29.504		20.4		11.08		TAS					a_e
GRA1	156.89		SS	20:03:26.654	1.0	20.4		11.08		TAS					a_e
GRA1	156.89		PKPab	19:39:57.070		17.4		3.94		TAS					m_e
GRA1	156.89		L	20:58:09.096						T__	851.8	18.30	a_e	Ms	5.6
GTTG	155.31		SS	20:03:10.454	-0.5	20.4		11.08		TAS					a_e
HLG	152.95		SS	20:02:46.092	0.7	20.4		11.08		TAS					m_e
IBBN	154.82		SS	20:03:06.954	-0.3	20.4		11.08		TAS					a_e
KAST	155.85		SS	20:03:18.804	0.4	20.4		11.08		TAS					a_e
LNIZ	152.68		SS	20:02:41.204	0.0	20.4		11.08		TAS					a_e
MANZ	156.43		SS	20:03:21.854	0.5	20.4		11.08		TAS					a_e
MILB	157.08		SS	20:03:29.654	-0.4	20.4		11.08		TAS					a_e
MOX	155.90		SS	20:03:15.354	0.9	20.4		11.08		TAS					a_e
MOX	155.90		L	21:01:23.552						T__	916.1	18.00	a_e	Ms	5.6
NEUB	155.35		SS	20:03:08.654	-1.2	20.4		11.08		TAS					a_e
NRDL	154.37		SS	20:03:00.904	0.2	20.4		11.08		TAS					a_e
PLN	155.94		SS	20:03:14.954	1.2	20.4		11.08		TAS					a_e

RJOB	158.37	SS	20:03:43.854	20.4	11.08	TAS	a_e
ROTZ	156.61	SS	20:03:24.354	1.2 20.4	11.08	TAS	a_e
RUE	153.72	SS	20:02:51.504	-0.2 20.4	11.08	TAS	a_e
STU	158.13	SS	20:03:40.754	20.4	11.08	TAS	a_e
TNS	156.81	SS	20:03:27.854	-0.9 20.4	11.08	TAS	a_e
UBBA	156.01	SS	20:03:18.104	-0.1 20.4	11.08	TAS	a_e
UBR	159.03	SS	20:03:50.154	20.4	11.08	TAS	a_e
WET	157.04	SS	20:03:28.704	-1.2 20.4	11.08	TAS	m_e
WLF	157.58	SS	20:03:39.754	20.4	11.08	TAS	a_e

Event 50810011 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/10	23:34:23.39			-24.9800	178.7300				574.4	2.8		37		149.24	155.62	m i ke	BGR
50810017																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	153.68		PKPbc	23:53:17.633	0.0	24.8		2.22		TAS					m_e
ASSE	151.41		PKPbc	23:53:12.619	-0.1	24.8		2.22		TAS					m_e
ASSE	151.41		PKPab	23:53:23.152	0.2	23.9		4.27		TAS					m_e
BFO	155.50		PKPab	23:53:40.847		23.9		4.27		TAS					m_e
BRG	151.62		PKPbc	23:53:13.166	0.4	24.8		2.22		TAS					m_e
BRG	151.62		PKPab	23:53:24.465	-0.1	23.9		4.27		TAS					m_e
BSEG	149.81		PKPbc	23:53:09.063	-0.1	24.8		2.22		TAS					m_e
BSEG	149.81		PKPab	23:53:16.690	-0.3	23.9		4.27		TAS					m_e
BUG	152.78		PKPbc	23:53:15.719	-0.1	24.8		2.22		TAS					m_e
CLL	151.52		PKPbc	23:53:12.755	0.0	24.8		2.22		TAS					m_e
CLL	151.52		PKPab	23:53:23.736	-0.0	23.9		4.27		TAS					m_e
CLL	151.52		pPKPab	23:55:30.588						T__					m_e
CLZ	151.74		PKPdf	23:53:06.771		20.7		1.29		TAS					m_e
CLZ	151.74		PKPbc	23:53:13.758	0.3	24.8		2.22		TAS					m_e
CLZ	151.74		pPKPab	23:55:31.295						T__					m_e
FBE	151.76		PKPbc	23:53:13.713	0.1	24.8		2.22		TAS					m_e
FBE	151.76		PKPab	23:53:25.208	-0.0	23.9		4.27		TAS					m_e
FLT1	151.08		PKPbc	23:53:11.570	-0.0	24.8		2.22		TAS					m_e
FLT1	151.08		PKPab	23:53:21.579	-0.1	23.9		4.27		TAS					m_e
FLT1	151.08		pPKPab	23:55:28.891						T__					m_e
FUR	154.83		PKPab	23:53:38.379		23.9		4.27		TAS					m_e
GEC2	153.44		PKPbc	23:53:16.767	0.1	24.8		2.22		TAS					m_e
GEC2	153.44		PKPab	23:53:31.825	0.3	23.9		4.27		TAS					m_e
GRA1	153.48		PKPbc	23:53:17.314	0.1	24.8		2.22		TAS					m_e
GTTG	152.11		PKPbc	23:53:14.397	-0.1	24.8		2.22		TAS					m_e
GTTG	152.11		PKPab	23:53:26.368	0.4	23.9		4.27		TAS					m_e
GUNZ	152.56		PKPbc	23:53:15.308	0.5	24.8		2.22		TAS					m_e





2015/08/11 02:36:43.10 -13.4500 166.7300 10.0 138.66 138.66 m i ke GFZ  
50811054

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude  
GRA1 138.66 PKPdf 02:56:07.624 37.6 1.42 TAS m\_e

Event 50811004 Kermadec Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
OrigID  
2015/08/11 13:35:50.47 -27.2800 -175.3600 33.0 4.5 28 153.02 158.79 m i ke BGR  
50811010

Magnitude Err Nsta Author OrigID  
Ms 5.5 BGR 50811010

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude  
AHRW 156.70 X 13:55:54.225 T\_\_ m\_e  
AHRW 156.70 PKPab 13:56:11.819 13.8 4.41 TAS m\_e  
ASSE 154.77 PKPdf 13:55:40.844 0.4 17.5 1.31 TAS m\_e  
ASSE 154.77 X 13:55:49.463 -0.1 T\_\_ m\_e  
BFO 158.79 PKPdf 13:55:45.871 17.5 1.31 TAS m\_e  
BRG 155.40 PKPdf 13:55:41.811 0.2 17.5 1.31 TAS m\_e  
BRG 155.40 X 13:55:51.123 -0.2 T\_\_ m\_e  
BSEG 153.04 PKPdf 13:55:38.911 0.1 17.5 1.31 TAS m\_e  
BUG 155.79 PKPab 13:56:07.331 13.8 4.41 TAS m\_e  
CLL 155.18 PKPdf 13:55:41.231 -0.2 17.5 1.31 TAS m\_e  
CLL 155.18 X 13:55:50.534 0.0 T\_\_ m\_e  
CLL 155.18 PKPab 13:56:04.765 -0.4 13.8 4.41 TAS m\_e  
CLZ 155.09 PKPdf 13:55:41.521 -0.1 17.5 1.31 TAS m\_e  
CLZ 155.09 X 13:55:50.819 0.0 T\_\_ m\_e  
FBE 155.48 PKPdf 13:55:42.197 -0.2 17.5 1.31 TAS m\_e  
FBE 155.48 X 13:55:51.381 T\_\_ m\_e  
FBE 155.48 PKPab 13:56:06.227 13.8 4.41 TAS m\_e  
FLT1 154.49 PKPdf 13:55:40.361 -0.2 17.5 1.31 TAS m\_e  
FLT1 154.49 X 13:55:48.728 0.2 T\_\_ m\_e  
GEC2 157.35 PKPdf 13:55:44.227 17.5 1.31 TAS m\_e  
GEC2 157.35 X 13:55:55.232 T\_\_ m\_e  
GEC2 157.35 PKPab 13:56:14.343 13.8 4.41 TAS m\_e  
GRA1 157.06 PKPab 13:56:13.485 13.8 4.41 TAS m\_e  
GRA1 157.06 L 15:10:06.636 T\_\_ 784.5 21.40 a\_e Ms 5.5  
GUNZ 156.21 PKPdf 13:55:43.067 17.5 1.31 TAS m\_e  
GUNZ 156.21 PKPab 13:56:09.496 13.8 4.41 TAS m\_e  
HLG 153.02 X 13:55:45.963 0.2 T\_\_ m\_e  
IBBN 154.89 X 13:55:50.360 -0.1 T\_\_ m\_e

KAST	155.94	PKPdf	13:55:42.681	0.1	17.5	1.31	TAS	m_e
KAST	155.94	X	13:55:52.307				T__	m_e
KAST	155.94	PKPab	13:56:08.132		13.8	4.41	TAS	m_e
MANZ	156.61	PKPdf	13:55:43.261		17.5	1.31	TAS	m_e
MOX	156.07	X	13:55:52.373				T__	m_e
MOX	156.07	PKPab	13:56:08.448		13.8	4.41	TAS	m_e
MOX	156.07	PKPdf	13:56:18.554	0.0	17.5	1.31	TAS	m_e
MOX	156.07	L	15:10:50.821				T__	731.6 21.70 a_e Ms 5.5
NEUB	155.51	PKPdf	13:55:41.617	0.3	17.5	1.31	TAS	m_e
NRDL	154.48	PKPdf	13:55:40.361	0.1	17.5	1.31	TAS	m_e
PLN	156.12	PKPdf	13:55:42.584	0.5	17.5	1.31	TAS	m_e
RJOB	158.60	PKPab	13:56:20.023		13.8	4.41	TAS	m_e
ROTZ	156.80	PKPdf	13:55:43.647		17.5	1.31	TAS	m_e
ROTZ	156.80	X	13:55:54.099				T__	m_e
ROTZ	156.80	PKPab	13:56:11.920		13.8	4.41	TAS	m_e
TNS	156.91	PKPab	13:56:12.373		13.8	4.41	TAS	m_e
UBBA	156.14	PKPdf	13:55:42.584	-0.0	17.5	1.31	TAS	m_e
WERD	156.13	PKPdf	13:55:42.874	-0.4	17.5	1.31	TAS	m_e
WERN	156.27	PKPdf	13:55:42.614		17.5	1.31	TAS	m_e
WERN	156.27	PKPab	13:56:09.871		13.8	4.41	TAS	m_e
WET	157.26	PKPdf	13:55:44.131		17.5	1.31	TAS	m_e
WET	157.26	X	13:55:55.094				T__	m_e
WET	157.26	PKPab	13:56:14.274		13.8	4.41	TAS	m_e
WLF	157.62	PKPdf	13:55:45.581		17.5	1.31	TAS	m_e
WLF	157.62	PKPab	13:56:16.268		13.8	4.41	TAS	m_e

Event 50811005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/11	13:49:08.60			-19.1390	-176.4470				33.0			34		144.88	151.03	m i ke	BGR
50811011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	148.54		PKPbc	14:08:51.919	0.3	14.1		2.69		TAS					m_e
ASSE	146.61		PKPbc	14:08:46.074	-0.0	14.1		2.69		TAS					a_e
BFO	150.62		PKPbc	14:08:56.574	-0.4	14.1		2.69		TAS					a_e
BRG	147.28		PKPbc	14:08:48.024	0.1	14.1		2.69		TAS					a_e
BSEG	144.88		PKPbc	14:08:41.550	0.0	14.1		2.69		TAS					m_e
BUG	147.63		PKPbc	14:08:49.136	-0.0	14.1		2.69		TAS					m_e
CLL	147.04		PKPbc	14:08:47.124	-0.1	14.1		2.69		TAS					m_e
CLZ	146.93		PKPbc	14:08:47.224	0.2	14.1		2.69		TAS					a_e
FBE	147.35		PKPbc	14:08:48.208	0.1	14.1		2.69		TAS					m_e
FLT1	146.33		PKPbc	14:08:44.774	-0.6	14.1		2.69		TAS					a_e
FUR	150.38		PKPbc	14:08:56.024	-0.2	14.1		2.69		TAS					a_e

GEC2	149.25	PKPbc	14:08:53.374	0.0	14.1	2.69	TAS	a_e
GRA1	148.90	PKPbc	14:08:52.545	0.3	14.1	2.69	TAS	m_e
GTTG	147.27	PKPbc	14:08:47.974	0.1	14.1	2.69	TAS	a_e
GUNZ	148.07	PKPbc	14:08:50.374	0.3	14.1	2.69	TAS	a_e
IBBN	146.74	PKPbc	14:08:46.524	-0.2	14.1	2.69	TAS	a_e
KAST	147.78	PKPbc	14:08:49.324	-0.1	14.1	2.69	TAS	a_e
MANZ	148.47	PKPbc	14:08:51.424	0.3	14.1	2.69	TAS	a_e
MILB	149.04	PKPbc	14:08:52.874	0.2	14.1	2.69	TAS	a_e
MOX	147.92	PKPbc	14:08:49.774	0.2	14.1	2.69	TAS	a_e
NEUB	147.36	PKPbc	14:08:48.074	-0.0	14.1	2.69	TAS	a_e
NRDL	146.32	PKPbc	14:08:45.074	-0.3	14.1	2.69	TAS	a_e
PLN	147.98	PKPbc	14:08:49.924	0.1	14.1	2.69	TAS	a_e
RJOB	150.50	PKPbc	14:08:56.074	-0.6	14.1	2.69	TAS	a_e
ROTZ	148.67	PKPbc	14:08:51.974	0.3	14.1	2.69	TAS	a_e
RUE	145.78	PKPbc	14:08:43.124	-0.8	14.1	2.69	TAS	a_e
STU	150.09	PKPbc	14:08:55.524	0.0	14.1	2.69	TAS	a_e
TNS	148.74	PKPbc	14:08:51.974	0.0	14.1	2.69	TAS	a_e
UBBA	147.98	PKPbc	14:08:49.874	0.1	14.1	2.69	TAS	a_e
UBR	151.03	PKPbc	14:08:57.374	-0.6	14.1	2.69	TAS	a_e
WERD	147.99	PKPbc	14:08:50.024	0.2	14.1	2.69	TAS	a_e
WERN	148.13	PKPbc	14:08:50.774	0.6	14.1	2.69	TAS	a_e
WET	149.14	PKPbc	14:08:53.424	0.5	14.1	2.69	TAS	a_e
WLF	149.47	PKPbc	14:08:54.424	0.2	14.1	2.69	TAS	a_e

Event 50811006 Xizang

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/11	19:13:15.85			30.7400	94.7000				33.0			27		60.96	66.37	m i ke	BGR
50811012																	

Magnitude Err Nsta Author OrigID  
mb 4.9 BGR 50811012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	65.52		P	19:23:56.710		73.7		6.61		TAS		6.1	0.94	m_e mb	4.8
ASSE	62.89		P	19:23:38.914	0.3	73.7		6.61		TAS		4.3	0.94	m_e mb	4.6
BFO	65.47		P	19:23:55.740		73.7		6.61		TAS		12.4	1.35	m_e mb	5.0
BRG	61.24		P	19:23:27.861	-0.2	73.7		6.61		TAS		5.2	1.02	m_e mb	4.3
BSEG	62.61		P	19:23:36.813	0.1	73.7		6.61		TAS		15.0	1.20	m_e mb	5.0
BUG	65.11		P	19:23:53.399		73.7		6.61		TAS		11.1	1.16	m_e mb	5.0
CLL	61.71		P	19:23:31.031	-0.1	73.7		6.61		TAS		8.9	1.45	m_e mb	4.8
CLZ	63.15		P	19:23:40.742	0.1	73.7		6.61		TAS		19.0	1.26	m_e mb	5.1
FBE	61.59		P	19:23:30.293	-0.1	73.7		6.61		TAS		13.9	1.33	m_e mb	5.0
FLT1	62.50		P	19:23:36.275	0.0	73.7		6.61		TAS		6.9	1.15	m_e mb	4.7
FUR	63.65		P	19:23:44.360	-0.2	73.7		6.61		TAS		25.9	0.83	m_e mb	5.5
GEC2	61.91		P	19:23:32.532	0.1	73.7		6.61		TAS		12.7	1.27	m_e mb	5.0

GRA1	63.24	P	19:23:41.420	-0.0	73.7	6.61	TAS	18.0	1.34	m_e	mb	5.0
GTTG	63.48	P	19:23:42.802	0.5	73.7	6.61	TAS	9.9	0.99	m_e	mb	4.9
GUNZ	62.37	P	19:23:35.382	0.1	73.7	6.61	TAS	8.1	1.07	m_e	mb	4.9
MANZ	62.61	P	19:23:37.010	0.0	73.7	6.61	TAS	13.7	1.53	m_e	mb	4.9
MOX	62.73	P	19:23:37.984	0.1	73.7	6.61	TAS	5.6	1.09	m_e	mb	4.6
NEUB	62.48	P	19:23:36.255	-0.1	73.7	6.61	TAS	14.1	0.93	m_e	mb	5.2
NRDL	63.12	P	19:23:40.742	0.1	73.7	6.61	TAS	21.7	1.27	m_e	mb	5.1
PLN	62.44	P	19:23:36.090	-0.0	73.7	6.61	TAS	5.6	1.07	m_e	mb	4.7
RJOB	62.80	P	19:23:38.192	0.0	73.7	6.61	TAS	39.0	1.23	m_e	mb	5.4
ROTZ	62.61	P	19:23:37.078	-0.1	73.7	6.61	TAS	14.4	1.11	m_e	mb	5.0
RUE	60.96	P	19:23:26.218	0.1	73.7	6.61	TAS	10.7	0.56	m_e	mb	4.9
TNS	64.79	P	19:23:51.359		73.7	6.61	TAS	8.0	0.98	m_e	mb	4.9
UBR	64.55	P	19:23:49.589		73.7	6.61	TAS	9.0	1.14	m_e	mb	4.9
WERD	62.36	P	19:23:35.728		73.7	6.61	TAS	5.0	0.97	m_e	mb	4.7
WERN	62.36	P	19:23:35.450	-0.0	73.7	6.61	TAS	6.3	1.06	m_e	mb	4.8
WET	62.35	P	19:23:35.246	-0.1	73.7	6.61	TAS	9.2	1.26	m_e	mb	4.9
WLF	66.37	P	19:24:02.174		73.7	6.61	TAS	29.2	1.21	m_e	mb	5.4

Event 50811007 Norwegian Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/11	22:46:18.61			72.0600	0.8400				33.0			37		18.65	25.81	m i ke	BGR
50811013																	

Magnitude Err Nsta Author OrigID  
 mb 4.4 BGR 50811013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	21.78		P	22:51:07.757	0.5	352.8		10.28		TAS		67.1	2.07	a_e	mb 4.7
ARSA	25.81		P	22:51:47.964		352.8		10.28		TAS		9.5	1.61	m_e	mb 4.2
ASSE	20.47		P	22:50:53.007	-0.5	352.8		10.28		TAS		62.2	1.82	a_e	mb 4.5
BRG	22.06		P	22:51:10.425	2.4	352.8		10.28		TAS		40.3	2.26	m_e	mb 4.5
BSEG	18.65		P	22:50:34.538	-1.9	352.8		10.28		TAS		21.2	1.39	m_e	mb 4.2
BUG	20.89		P	22:50:57.836	-1.2	352.8		10.28		TAS		17.2	0.99	m_e	mb 4.3
CLL	21.52		P	22:51:04.317	-0.1	352.8		10.28		TAS		15.1	1.47	m_e	mb 4.2
CLZ	20.73		P	22:50:56.707	-0.6	352.8		10.28		TAS		35.7	1.47	a_e	mb 4.5
DAVA	25.21		P	22:51:41.556		352.8		10.28		TAS		42.7	2.36	m_e	mb 4.8
FBE	21.94		P	22:51:08.907	1.6	352.8		10.28		TAS		21.8	1.48	a_e	mb 4.4
FLT1	20.32		P	22:50:51.007	-0.7	352.8		10.28		TAS		22.0	1.31	a_e	mb 4.2
FUR	24.45		P	22:51:34.607	-2.8	352.8		10.28		TAS		11.0	1.21	a_e	mb 4.3
GEC2	24.03		P	22:51:29.957	-1.8	352.8		10.28		TAS		43.0	2.47	a_e	mb 4.5
GRA1	22.93		P	22:51:23.157	-1.1	352.8		10.28		TAS		37.7	1.78	a_e	mb 4.6
GTTG	20.98		P	22:50:59.557	-0.5	352.8		10.28		TAS		34.3	1.67	a_e	mb 4.4
GUNZ	22.38		P	22:51:16.600	2.9	352.8		10.28		TAS		31.5	1.83	m_e	mb 4.4
IBBN	20.06		P	22:50:48.514	0.5	352.8		10.28		TAS		16.3	1.05	m_e	mb 4.2
KAST	21.20		P	22:51:01.457	-1.6	352.8		10.28		TAS		17.2	1.30	a_e	mb 4.2



KBA	25.73	P	22:51:45.629	352.8	10.28	TAS	4.3	1.35	m_e	mb	3.9
LNIZ	19.52	P	22:50:43.507	-2.1 352.8	10.28	TAS	41.6	0.74	a_e	mb	4.8
MILB	22.64	P	22:51:19.049	-0.2 352.8	10.28	TAS	19.7	0.91	m_e	mb	4.6
MOA	25.07	P	22:51:41.218	352.8	10.28	TAS	24.3	1.91	m_e	mb	4.6
MOX	22.03	P	22:51:09.986	2.2 352.8	10.28	TAS	14.3	1.40	m_e	mb	4.2
NEUB	21.50	P	22:51:03.913	0.5 352.8	10.28	TAS	24.8	1.02	m_e	mb	4.6
NRDL	20.06	P	22:50:48.557	-1.7 352.8	10.28	TAS	30.0	1.24	m_e	mb	4.4
PLN	22.24	P	22:51:14.857	2.8 352.8	10.28	TAS	15.5	1.34	a_e	mb	4.3
RJOB	25.02	P	22:51:39.734	352.8	10.28	TAS	15.3	0.87	m_e	mb	4.7
ROTZ	22.96	P	22:51:23.507	-1.4 352.8	10.28	TAS	9.3	1.16	a_e	mb	4.2
RUE	20.46	P	22:50:53.897	-0.5 352.8	10.28	TAS	64.8	1.75	m_e	mb	4.6
TNS	22.18	P	22:51:13.557	2.5 352.8	10.28	TAS	48.2	1.75	a_e	mb	4.6
UBBA	21.71	P	22:51:05.839	-0.7 352.8	10.28	TAS	17.5	1.24	m_e	mb	4.3
UBR	24.83	P	22:51:38.207	0.1 352.8	10.28	TAS	6.8	1.01	m_e	mb	4.3
WERD	22.29	P	22:51:15.557	2.6 352.8	10.28	TAS	13.9	1.12	a_e	mb	4.3
WERN	22.46	P	22:51:17.707	3.1 352.8	10.28	TAS	13.7	1.24	a_e	mb	4.2
WET	23.64	P	22:51:26.761	-1.5 352.8	10.28	TAS	31.3	2.04	m_e	mb	4.5
WLF	22.60	P	22:51:17.557	3.4 352.8	10.28	TAS	23.4	1.56	a_e	mb	4.5
WTTA	25.38	P	22:51:43.845	352.8	10.28	TAS	12.4	1.23	m_e	mb	4.5

Event 50812001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/12	12:50:38.88			-18.3000	-176.8500			414.7		5.0		31		144.00	150.15	m i ke	BGR
	50812007																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	147.68		PKPbc	13:09:35.149	-0.2	13.3		3.14		TAS				m_e	
ASSE	145.73		PKPbc	13:09:28.604	0.4	13.3		3.14		TAS				m_e	
BFO	149.75		PKPpdf	13:09:36.927		15.3		1.54		TAS				m_e	
BFO	149.75		PKPbc	13:09:40.846		13.3		3.14		TAS				m_e	
BFO	149.75		pPKPbc	13:11:20.841		16.4		2.77		TAS				m_e	
BRG	146.38		PKPbc	13:09:31.053	0.3	13.3		3.14		TAS				m_e	
BSEG	144.00		PKPbc	13:09:22.252	-0.1	13.3		3.14		TAS				m_e	
BUG	146.77		PKPbc	13:09:31.979	0.5	13.3		3.14		TAS				m_e	
CLL	146.15		PKPbc	13:09:29.861	-0.1	13.3		3.14		TAS				m_e	
CLZ	146.05		PKPbc	13:09:29.928	0.0	13.3		3.14		TAS				m_e	
FBE	146.45		PKPbc	13:09:31.516	0.3	13.3		3.14		TAS				m_e	
FLT1	145.45		PKPbc	13:09:27.016	-0.2	13.3		3.14		TAS				m_e	
FUR	149.49		PKPpdf	13:09:37.205		15.3		1.54		TAS				m_e	
FUR	149.49		PKPbc	13:09:40.184		13.3		3.14		TAS				m_e	
FUR	149.49		pPKPbc	13:11:19.937		16.4		2.77		TAS				m_e	
GEC2	148.35		PKPpdf	13:09:35.081		15.3		1.54		TAS				m_e	
GEC2	148.35		PKPbc	13:09:37.008	-0.5	13.3		3.14		TAS				m_e	

GEC2	148.35	pPKPbc	13:11:16.454		16.4	2.77	TAS		m_e
GRA1	148.02	PKPbc	13:09:36.214	-0.2	13.3	3.14	TAS		m_e
GTTG	146.39	PKPbc	13:09:31.119	0.1	13.3	3.14	TAS		m_e
GUNZ	147.18	PKPbc	13:09:33.832	0.3	13.3	3.14	TAS		m_e
IBBN	145.87	PKPbc	13:09:29.332	0.3	13.3	3.14	TAS		m_e
KAST	146.91	PKPbc	13:09:32.707	0.6	13.3	3.14	TAS		m_e
MANZ	147.58	PKPbc	13:09:34.890	0.3	13.3	3.14	TAS		m_e
MANZ	147.58	pPKPbc	13:11:14.651		16.4	2.77	TAS		m_e
MILB	148.16	PKPpdf	13:09:34.862		15.3	1.54	TAS		m_e
MILB	148.16	PKPbc	13:09:36.743	-0.4	13.3	3.14	TAS		m_e
MILB	148.16	pPKPbc	13:11:16.898		16.4	2.77	TAS		m_e
MOX	147.03	PKPbc	13:09:33.104	0.3	13.3	3.14	TAS		m_e
NEUB	146.47	PKPbc	13:09:31.053	0.3	13.3	3.14	TAS		m_e
NRDL	145.44	PKPbc	13:09:27.215	0.1	13.3	3.14	TAS		m_e
PLN	147.09	PKPbc	13:09:33.170	0.2	13.3	3.14	TAS		m_e
RJOB	149.60	PKPbc	13:09:40.317		13.3	3.14	TAS		m_e
RJOB	149.60	pPKPbc	13:11:20.254		16.4	2.77	TAS		m_e
STU	149.21	PKPpdf	13:09:36.871		15.3	1.54	TAS		m_e
STU	149.21	PKPbc	13:09:39.456		13.3	3.14	TAS		m_e
TNS	147.87	PKPbc	13:09:35.779	0.4	13.3	3.14	TAS		m_e
TNS	147.87	pPKPbc	13:11:15.840		16.4	2.77	TAS		m_e
UBBA	147.10	PKPbc	13:09:33.302	0.3	13.3	3.14	TAS		m_e
UBR	150.15	PKPpdf	13:09:37.737		15.3	1.54	TAS		m_e
UBR	150.15	PKPbc	13:09:41.838		13.3	3.14	TAS		m_e
WERN	147.24	PKPbc	13:09:34.163	0.4	13.3	3.14	TAS		m_e
WET	148.24	PKPpdf	13:09:34.698		15.3	1.54	TAS		m_e
WET	148.24	PKPbc	13:09:37.074	-0.8	13.3	3.14	TAS		m_e
WET	148.24	pPKPbc	13:11:15.692		16.4	2.77	TAS		m_e
WLF	148.62	PKPbc	13:09:38.398	-0.8	13.3	3.14	TAS		m_e
WLF	148.62	pPKPbc	13:11:17.499		16.4	2.77	TAS		m_e

Event 50812002 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/12	18:19:20.80			-9.2800	157.9300				40.0			9		127.15	130.50	m i ke	EMSC
50812034																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	129.04		PKPpdf	18:38:26.282	0.3	46.0		2.03		TAS					m_e
CLL	129.18		PKPpdf	18:38:26.352	0.2	46.0		2.03		TAS					m_e
FBE	129.28		PKPpdf	18:38:27.120		46.0		2.03		TAS					m_e
GEC2	130.49		PKPpdf	18:38:29.285		46.0		2.03		TAS					m_e
GUNZ	130.14		PKPpdf	18:38:28.936		46.0		2.03		TAS					m_e
LNIZ	127.15		PKPpdf	18:38:22.860	-0.1	46.0		2.03		TAS					m_e

MANZ	130.50	PKPdf	18:38:29.336	46.0	2.03	TAS	m_e
PLN	130.14	PKPdf	18:38:28.447	46.0	2.03	TAS	m_e
WERN	130.17	PKPdf	18:38:28.936	46.0	2.03	TAS	m_e

Event 50812003 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/12	18:49:24.40			-9.3400	157.8800				10.0			33		126.83	133.46	m i ke	EMSC
OrigID 50812035																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.7		BGR	50812009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	132.37		SS	19:28:33.722	3.7	41.7		11.85		TAS				a_e	
AHRW	132.37		PKPdf	19:08:41.812	0.1					T__				m_e	
AHRW	132.37		PP	19:10:57.704		43.1		6.63		TAS				a_e	
ASSE	129.67		SS	19:28:00.472	-0.8	41.7		11.85		TAS				a_e	
ASSE	129.67		PKPdf	19:08:36.262	-0.1					T__				a_e	
ASSE	129.67		PP	19:10:39.804	-0.1	43.1		6.63		TAS				a_e	
BFO	133.46		SS	19:28:49.422		41.7		11.85		TAS				a_e	
BFO	133.46		PKPdf	19:08:43.462	-0.3					T__				a_e	
BFO	133.46		PP	19:11:05.104		43.1		6.63		TAS				a_e	
BRG	129.07		SS	19:27:53.672	-2.6	41.7		11.85		TAS				a_e	
BRG	129.07		PKPdf	19:08:35.162	0.1					T__				a_e	
BRG	129.07		PP	19:10:36.504	0.1	43.1		6.63		TAS				a_e	
BSEG	128.50		SS	19:27:45.622	-1.6	41.7		11.85		TAS				a_e	
BSEG	128.50		PKPdf	19:08:34.012	-0.1					T__				a_e	
BSEG	128.50		PP	19:10:32.254	0.4	43.1		6.63		TAS				a_e	
BUG	131.60		SS	19:28:22.972	-0.1	41.7		11.85		TAS				a_e	
BUG	131.60		PKPdf	19:08:39.912	-0.3					T__				a_e	
BUG	131.60		PP	19:10:52.154	-0.3	43.1		6.63		TAS				a_e	
CLL	129.21		SS	19:27:54.922	-2.5	41.7		11.85		TAS				a_e	
CLL	129.21		PKPdf	19:08:35.062	-0.3					T__				a_e	
CLL	129.21		PP	19:10:37.004	-0.1	43.1		6.63		TAS				a_e	
CLZ	130.01		SS	19:28:05.672	-2.9	41.7		11.85		TAS				a_e	
CLZ	130.01		PKPdf	19:08:37.162	0.2					T__				a_e	
CLZ	130.01		PP	19:10:42.254	-0.1	43.1		6.63		TAS				a_e	
FBE	129.31		PKPdf	19:08:35.862	0.3					T__				a_e	
FLT1	129.28		SS	19:27:55.572	-1.6	41.7		11.85		TAS				a_e	
FLT1	129.28		PKPdf	19:08:35.262	-0.3					T__				a_e	
FLT1	129.28		PP	19:10:36.804	-0.4	43.1		6.63		TAS				a_e	
FUR	132.18		SS	19:28:36.072	2.4	41.7		11.85		TAS				a_e	
FUR	132.18		PKPdf	19:08:41.262	0.0					T__				a_e	
FUR	132.18		PP	19:10:57.004	-0.1	43.1		6.63		TAS				a_e	
GEC2	130.52		SS	19:28:13.772	-1.9	41.7		11.85		TAS				a_e	

GEC2	130.52	PKPdf	19:08:37.912	-0.1				T__	a_e		
GEC2	130.52	PP	19:10:46.454	0.2	43.1	6.63		TAS	a_e		
GRA1	131.15	SS	19:28:20.222	1.9	41.7	11.85		TAS	a_e		
GRA1	131.15	PKPdf	19:08:39.262	0.1				T__	a_e		
GRA1	131.15	PP	19:10:50.104	0.0	43.1	6.63		TAS	a_e		
GRA1	131.15	L	20:09:00.920					T__	a_e	Ms	6.7
GTTG	130.40	SS	19:28:10.222	-0.1	41.7	11.85		TAS	a_e		
GTTG	130.40	PKPdf	19:08:37.862	0.1				T__	a_e		
GTTG	130.40	PP	19:10:44.704	-0.5	43.1	6.63		TAS	a_e		
GUNZ	130.17	PKPdf	19:08:37.462	0.2				T__	m_e		
HLG	129.26	SS	19:27:53.622	-2.3	41.7	11.85		TAS	a_e		
HLG	129.26	PKPdf	19:08:35.512	-0.3				T__	a_e		
HLG	129.26	PP	19:10:36.704	-0.2	43.1	6.63		TAS	a_e		
IBBN	130.75	SS	19:28:11.922	0.4	41.7	11.85		TAS	a_e		
IBBN	130.75	PKPdf	19:08:38.412	-0.2				T__	a_e		
IBBN	130.75	PP	19:10:46.254	-0.3	43.1	6.63		TAS	a_e		
KAST	131.31	SS	19:28:21.222	-0.4	41.7	11.85		TAS	m_e		
KAST	131.31	PKPdf	19:08:39.612	0.0				T__	a_e		
KAST	131.31	PP	19:10:50.754	0.4	43.1	6.63		TAS	a_e		
LNIZ	127.18	SS	19:27:31.222	-1.3	41.7	11.85		TAS	a_e		
LNIZ	127.18	PKPdf	19:08:31.662	0.2				T__	a_e		
LNIZ	127.18	PP	19:10:22.904	-0.4	43.1	6.63		TAS	a_e		
MANZ	130.53	SS	19:28:13.872	-0.0	41.7	11.85		TAS	a_e		
MANZ	130.53	PKPdf	19:08:38.062	0.1				T__	a_e		
MANZ	130.53	PP	19:10:46.104	0.1	43.1	6.63		TAS	a_e		
MILB	131.94	SS	19:28:28.722	0.4	41.7	11.85		TAS	a_e		
MILB	131.94	PKPdf	19:08:40.812	0.1				T__	a_e		
MILB	131.94	PP	19:10:54.954	-0.1	43.1	6.63		TAS	a_e		
MOX	130.31	SS	19:28:08.922	0.4	41.7	11.85		TAS	a_e		
MOX	130.31	PKPdf	19:08:37.512	-0.0				T__	a_e		
MOX	130.31	PP	19:10:44.404	0.1	43.1	6.63		TAS	m_e		
MOX	130.31	L	20:07:47.511					T__	a_e	Ms	6.6
NEUB	129.85	SS	19:28:03.822	-0.0	41.7	11.85		TAS	a_e		
NEUB	129.85	PKPdf	19:08:36.462	-0.2				T__	a_e		
NEUB	129.85	PP	19:10:41.054	0.3	43.1	6.63		TAS	a_e		
NRDL	129.65	SS	19:28:00.472	-1.2	41.7	11.85		TAS	a_e		
NRDL	129.65	PKPdf	19:08:36.462	0.1				T__	m_e		
NRDL	129.65	PP	19:10:39.704	0.1	43.1	6.63		TAS	a_e		
PLN	130.16	SS	19:28:05.922	-1.3	41.7	11.85		TAS	a_e		
PLN	130.16	PKPdf	19:08:37.262	0.0				T__	a_e		
PLN	130.16	PP	19:10:43.304	0.1	43.1	6.63		TAS	a_e		
RGN	126.83	SS	19:27:26.950	17.1	41.7	11.85		TAS	m_e		
RGN	126.83	PP	19:10:21.004	0.2	43.1	6.63		TAS	a_e		
RJOB	131.70	SS	19:28:31.422	2.2	41.7	11.85		TAS	a_e		
RJOB	131.70	PKPdf	19:08:39.912	-0.4				T__	a_e		
RJOB	131.70	PP	19:10:54.954	0.2	43.1	6.63		TAS	a_e		
RUE	128.06	SS	19:27:39.472	-3.9	41.7	11.85		TAS	a_e		
RUE	128.06	PKPdf	19:08:33.162	0.0				T__	a_e		
RUE	128.06	PP	19:10:29.354	0.0	43.1	6.63		TAS	a_e		

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Tue May 12 07:59:38 2020

61

SKMB	128.26	SS	19:27:42.022	-2.1	41.7	11.85	TAS	a_e
SKMB	128.26	PKPdf	19:08:33.862	0.1			T__	a_e
SKMB	128.26	PP	19:10:30.204	-0.1	43.1	6.63	TAS	a_e
STU	132.74	SS	19:28:38.872	1.8	41.7	11.85	TAS	a_e
STU	132.74	PKPdf	19:08:42.312	-0.0			T__	a_e
STU	132.74	PP	19:11:00.404		43.1	6.63	TAS	a_e
TNS	132.02	SS	19:28:29.622	-0.3	41.7	11.85	TAS	a_e
TNS	132.02	PKPdf	19:08:41.112	0.1			T__	a_e
TNS	132.02	PP	19:10:55.754	-0.3	43.1	6.63	TAS	a_e
UBBA	130.91	SS	19:28:16.672	-1.1	41.7	11.85	TAS	a_e
UBBA	130.91	PKPdf	19:08:38.762	0.0			T__	a_e
UBBA	130.91	PP	19:10:48.204	0.3	43.1	6.63	TAS	a_e
UBR	133.08	SS	19:28:46.722		41.7	11.85	TAS	a_e
UBR	133.08	PKPdf	19:08:42.812	-0.2			T__	a_e
UBR	133.08	PP	19:11:02.904		43.1	6.63	TAS	a_e
WERN	130.20	PKPdf	19:08:37.512	0.2			T__	a_e
WET	130.73	SS	19:28:16.722	-0.4	41.7	11.85	TAS	a_e
WET	130.73	PKPdf	19:08:38.562	0.2			T__	a_e
WLF	133.42	SS	19:28:49.572		41.7	11.85	TAS	a_e
WLF	133.42	PKPdf	19:08:44.412	0.7			T__	a_e

Event 50814003 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/14	04:43:47.40			43.2060	143.6370				85.9					78.55	78.55	m i ke	BGR
OrigID																	
50814009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50814009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.55		P	04:55:37.659		33.5		4.77		TAS		28.1	0.81	m_e mb	5.3
GRA1	78.55		pP	04:56:00.216						T__				m_e	

Event 50814006 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/14	10:11:12.82			21.2950	-44.9490				31.3					52.29	52.29	m i ke	BGR
OrigID																	
50814012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50814012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	52.29		P	10:20:20.976		257.3		6.91		TAS		35.8	1.67	m_e	mb 5.0
GRA1	52.29		pP	10:20:29.514						T__				m_e	

Event 50814008 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/14	13:27:57.70			-27.5700	-175.9400				2.0					157.24	157.24	m i ke	EMSC
OrigID 50814040																	

Magnitude	Err	Nsta	Author	OrigID
Ms 5.8			BGR	50814014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	157.24		PKP	13:47:57.938		16.6		0.45		TAS				m_e	
GRA1	157.24		L	15:06:38.601						T__		1226.7	18.60	a_e Ms	5.8

Event 50814009 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/14	13:43:12.60			-27.1700	-176.0800				10.0					156.82	156.82	m i ke	EMSC
OrigID 50814041																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	156.82		PKP	14:03:37.599		16.7		3.95		TAS				m_e	

Event 50814010 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/14	14:09:20.67			-26.1200	-179.7700				96.2	2.0		21		150.74	155.00	m i ke	BGR
OrigID 50814016																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	152.85		PKPbc	14:29:03.884	0.1	15.9		1.99		TAS				m_e	
BRG	153.15		PKPbc	14:29:04.788	0.3	15.9		1.99		TAS				m_e	
BRG	153.15		pPKPbc	14:29:31.441						T__				m_e	

BSEG	151.22	PKPbc	14:29:00.358	-0.2	15.9	1.99	TAS	m_e
BSEG	151.22	PKPab	14:29:08.946	-0.5	13.4	4.01	TAS	m_e
BUG	154.15	PKPbc	14:29:05.782	0.2	15.9	1.99	TAS	m_e
CLL	153.03	PKPbc	14:29:04.516	0.2	15.9	1.99	TAS	m_e
CLL	153.03	PKPab	14:29:31.060		13.4	4.01	TAS	m_e
CLZ	153.19	PKPbc	14:29:04.516	0.0	15.9	1.99	TAS	m_e
FBE	153.28	PKPbc	14:29:05.330	-0.4	15.9	1.99	TAS	m_e
FBE	153.28	PKPab	14:29:18.166		13.4	4.01	TAS	m_e
FLT1	152.53	PKPbc	14:29:02.980	0.1	15.9	1.99	TAS	m_e
FLT1	152.53	PKPab	14:29:14.098	0.5	13.4	4.01	TAS	m_e
GEC2	155.00	PKPbc	14:29:08.223		15.9	1.99	TAS	m_e
GRA1	154.97	PKPbc	14:29:08.223		15.9	1.99	TAS	m_e
GTTG	153.55	PKPbc	14:29:05.149	0.1	15.9	1.99	TAS	m_e
HLG	151.40	pPKPbc	14:29:26.657				T__	m_e
IBBN	153.24	PKPbc	14:29:04.426	-0.2	15.9	1.99	TAS	m_e
IBBN	153.24	PKPab	14:29:16.358		13.4	4.01	TAS	m_e
KAST	154.19	PKPbc	14:29:06.415	0.4	15.9	1.99	TAS	m_e
KAST	154.19	PKPab	14:29:20.155		13.4	4.01	TAS	m_e
LNIZ	150.74	PKPbc	14:28:59.816	0.1	15.9	1.99	TAS	m_e
MANZ	154.47	PKPbc	14:29:07.771		15.9	1.99	TAS	m_e
MOX	154.00	PKPbc	14:29:06.505	0.4	15.9	1.99	TAS	m_e
NEUB	153.46	PKPbc	14:29:05.511	0.2	15.9	1.99	TAS	m_e
NRDL	152.63	PKPbc	14:29:03.070	-0.0	15.9	1.99	TAS	m_e
PLN	154.00	PKPbc	14:29:06.686	-0.1	15.9	1.99	TAS	m_e
RUE	151.76	PKPbc	14:29:02.166	0.1	15.9	1.99	TAS	m_e
RUE	151.76	pPKPbc	14:29:27.864				T__	m_e
TANN	153.98	PKPbc	14:29:06.867	-0.8	15.9	1.99	TAS	m_e
TANN	153.98	PKPab	14:29:21.330		13.4	4.01	TAS	m_e
WERN	154.12	PKPab	14:29:22.234		13.4	4.01	TAS	m_e

Event 50814011 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/14	14:48:13.26			-18.9920	-177.2000				33.0			29		144.64	150.77	m i ke	BGR
50814017																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.36		PKPbc	15:07:50.171	0.3	15.4		2.72		TAS					m_e
BFO	150.39		PKPbc	15:08:00.619		15.4		2.72		TAS					m_e
BRG	146.98		PKPbc	15:07:52.051	0.3	15.4		2.72		TAS					m_e
BSEG	144.64		PKPbc	15:07:44.807	-0.2	15.4		2.72		TAS					m_e
BUG	147.43		PKPbc	15:07:52.887	0.3	15.4		2.72		TAS					m_e
CLL	146.76		PKPbc	15:07:51.076	0.1	15.4		2.72		TAS					m_e
CLZ	146.68		PKPbc	15:07:51.425	0.2	15.4		2.72		TAS					m_e

FBE	147.06	PKPbc	15:07:52.330	0.3	15.4	2.72	TAS	m_e
FLT1	146.08	PKPbc	15:07:48.847	0.4	15.4	2.72	TAS	m_e
FUR	150.10	PKPbc	15:08:00.062		15.4	2.72	TAS	m_e
GEC2	148.94	PKPbc	15:07:57.093		15.4	2.72	TAS	m_e
GRA1	148.63	PKPbc	15:07:56.479	-1.0	15.4	2.72	TAS	m_e
GTTG	147.03	PKPbc	15:07:52.191	0.2	15.4	2.72	TAS	m_e
GUNZ	147.79	PKPbc	15:07:54.141	0.3	15.4	2.72	TAS	m_e
IBBN	146.53	PKPbc	15:07:50.867	0.4	15.4	2.72	TAS	m_e
KAST	147.55	PKPbc	15:07:53.445	0.4	15.4	2.72	TAS	m_e
MANZ	148.19	PKPbc	15:07:55.395	-0.2	15.4	2.72	TAS	m_e
MOX	147.65	PKPbc	15:07:53.863	0.3	15.4	2.72	TAS	m_e
NEUB	147.09	PKPbc	15:07:52.260	0.2	15.4	2.72	TAS	m_e
NRDL	146.08	PKPbc	15:07:49.195	0.2	15.4	2.72	TAS	m_e
PLN	147.70	PKPbc	15:07:53.932	-0.4	15.4	2.72	TAS	m_e
RJOB	150.19	PKPbc	15:07:59.574		15.4	2.72	TAS	m_e
RUE	145.50	PKPbc	15:07:47.175	-0.1	15.4	2.72	TAS	m_e
STU	149.85	PKPbc	15:07:59.923		15.4	2.72	TAS	m_e
TANN	147.72	PKPbc	15:07:54.211	-0.3	15.4	2.72	TAS	m_e
TNS	148.52	PKPbc	15:07:56.370		15.4	2.72	TAS	m_e
UBBA	147.73	PKPbc	15:07:53.584	0.3	15.4	2.72	TAS	m_e
UBR	150.77	PKPbc	15:08:01.803		15.4	2.72	TAS	m_e
WERN	147.85	PKPbc	15:07:54.489	0.2	15.4	2.72	TAS	m_e
WET	148.84	PKPbc	15:07:56.969		15.4	2.72	TAS	m_e
WLF	149.28	PKPbc	15:07:58.808		15.4	2.72	TAS	m_e

Event 50814012 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/14	18:03:00.15			20.2300	-46.0500				33.0				33	50.56	56.36	m i ke	BGR
50814018																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	50814018
Ms	4.7		BGR	50814018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	51.37		P	18:12:01.839	0.3	257.7		7.36		TAS		115.3	1.53	a_e	mb 5.6
ASSE	53.96		P	18:12:20.839	-0.1	257.7		7.36		TAS		91.4	1.49	a_e	mb 5.5
BFO	51.61		P	18:12:02.939	-0.2	257.7		7.36		TAS		142.9	1.41	a_e	mb 5.7
BRG	55.70		P	18:12:33.239	-0.2	257.7		7.36		TAS		136.0	1.88	a_e	mb 5.7
BSEG	54.21		P	18:12:22.339	-0.3	257.7		7.36		TAS		217.7	1.44	a_e	mb 6.0
BUG	51.74		P	18:12:04.039	-0.1	257.7		7.36		TAS		264.1	2.21	a_e	mb 5.8
CLL	55.20		P	18:12:29.339	-0.3	257.7		7.36		TAS		77.1	1.43	a_e	mb 5.5
CLZ	53.71		P	18:12:18.639	0.5	257.7		7.36		TAS		50.7	1.34	a_e	mb 5.3
FBE	55.34		P	18:12:30.789	0.2	257.7		7.36		TAS		163.0	1.71	a_e	mb 5.8
FLT1	54.35		P	18:12:23.039	0.1	257.7		7.36		TAS		107.6	1.45	a_e	mb 5.7



FUR	53.50	P	18:12:17.639	0.1	257.7	7.36	TAS	249.6	1.63	a_e	mb	5.9
GEC2	55.21	P	18:12:29.489	-0.2	257.7	7.36	TAS	193.6	1.68	a_e	mb	5.9
GRA1	53.76	P	18:12:18.839	-0.1	257.7	7.36	TAS	125.7	1.61	m_e	mb	5.6
GRA1	53.76	L	18:30:01.532				T__	723.8	21.10	a_e	Ms	4.7
GTTG	53.40	P	18:12:16.539	-0.3	257.7	7.36	TAS	129.2	1.66	a_e	mb	5.6
GUNZ	54.60	P	18:12:25.439	-0.1	257.7	7.36	TAS	154.1	1.82	a_e	mb	5.7
IBBN	52.28	P	18:12:08.039	0.0	257.7	7.36	TAS	395.9	2.16	a_e	mb	6.0
KAST	52.37	P	18:12:08.789	-0.1	257.7	7.36	TAS	124.3	1.84	a_e	mb	5.5
LNIZ	56.36	P	18:12:37.839		257.7	7.36	TAS	474.5	2.23	a_e	mb	6.1
MANZ	54.38	P	18:12:23.889	-0.3	257.7	7.36	TAS	139.1	1.89	a_e	mb	5.7
MOX	54.21	P	18:12:22.289	0.2	257.7	7.36	TAS	65.5	1.47	a_e	mb	5.5
NEUB	54.42	P	18:12:23.689	0.0	257.7	7.36	TAS	162.2	1.92	a_e	mb	5.7
NRDL	53.72	P	18:12:19.139	0.3	257.7	7.36	TAS	121.2	1.35	a_e	mb	5.7
PLN	54.51	P	18:12:24.689	0.2	257.7	7.36	TAS	195.5	2.10	a_e	mb	5.8
RGN	56.07	P	18:12:35.789		257.7	7.36	TAS	170.7	1.05	a_e	mb	6.0
RJOB	54.44	P	18:12:23.739	0.4	257.7	7.36	TAS	366.1	1.32	a_e	mb	6.2
RUE	55.90	P	18:12:34.489		257.7	7.36	TAS	67.4	0.86	a_e	mb	5.7
STU	52.27	P	18:12:07.439	-0.6	257.7	7.36	TAS	94.0	1.20	a_e	mb	5.6
TNS	52.14	P	18:12:07.239	0.1	257.7	7.36	TAS	120.8	1.51	a_e	mb	5.6
UBBA	53.25	P	18:12:15.339	0.7	257.7	7.36	TAS	130.9	1.90	a_e	mb	5.5
UBR	52.64	P	18:12:11.189	0.7	257.7	7.36	TAS	188.1	1.32	a_e	mb	5.9
WERN	54.61	P	18:12:25.589	-0.1	257.7	7.36	TAS	223.6	1.60	a_e	mb	5.9
WET	54.72	P	18:12:25.989	-0.4	257.7	7.36	TAS	121.6	1.69	a_e	mb	5.7
WLF	50.56	P	18:11:55.089	-0.5	257.7	7.36	TAS	171.7	1.56	a_e	mb	5.7

Event 50814014 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/14	22:04:25.40			-26.3700	-177.7500				179.0					155.70	155.70	m i ke	EMSC
50814046																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	155.70		PKPab	22:24:24.805		19.9		3.93		TAS				m_e	
GRA1	155.70		PP	22:27:58.565		24.2		4.98		TAS				m_e	

Event 50815001 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/14	23:53:26.30			-21.5700	170.3700				33.0					147.44	147.44	m i ke	EMSC
50815033																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	147.44		PKP	00:13:05.986		38.0		2.40		TAS					m_e

Event 50815002 Kashmir-Xizang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/15	05:43:37.99			34.5250	79.2940				33.0					51.01	51.01	m i ke	BGR
OrigID 50815008																	

Magnitude Err Nsta Author OrigID  
mb 4.2 BGR 50815008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	51.01		P	05:52:35.886		89.2		6.20		TAS		3.7	1.04	m_e mb	4.2

Event 50815003 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/15	07:47:09.70			-10.9200	163.7800				30.0					135.17	135.18	m i ke	EMSC
OrigID 50815035																	

Magnitude Err Nsta Author OrigID  
Ms 6.5 BGR 50815009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	135.17		SS	08:26:45.396		42.8		12.15		TAS				m_e	
GRA1	135.17		PKPdf	08:06:27.682		39.9		1.15		TAS				m_e	
GRA1	135.17		pPKPdf	08:06:35.295						T__				m_e	
GRA1	135.17		L	09:08:48.276						T__		8953.3	20.80	a_e Ms	6.5
GRA4	135.18		PP	08:08:56.439		40.2		6.03		TAS				m_e	

Event 50815004 Near coast of Guatemala

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/15	13:09:21.59			13.7070	-91.9440				78.9					87.98	87.98	m i ke	BGR
OrigID 50815010																	

Magnitude Err Nsta Author OrigID

mb 5.2 BGR 50815010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	87.98		P	13:22:02.153		280.7		5.15		TAS		18.5	1.44	m_e	mb 5.2
GRA1	87.98		pP	13:22:23.503						T__				m_e	

Event 50815012 Kashmir-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/15	18:13:12.89			36.1720	75.7110				33.0					47.69	47.69	m i ke	BGR
OrigID 50815018																	

Magnitude Err Nsta Author OrigID  
mb 4.6 BGR 50815018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	47.69		P	18:21:45.457		89.9		6.44		TAS		3.9	0.86	m_e	mb 4.6

Event 50815014 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/15	20:16:25.83			52.2190	-177.2540				33.0				31	74.03	80.28	m i ke	BGR
OrigID 50815020																	

Magnitude Err Nsta Author OrigID  
mb 5.2 BGR 50815020  
Ms 4.9 BGR 50815020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.55		P	20:28:15.938	0.0	5.3		5.56		TAS		40.9	1.14	m_e	mb 5.5
ASSE	75.81		P	20:28:06.238	-0.4	5.3		5.56		TAS		19.9	1.19	a_e	mb 5.1
BFO	79.72		P	20:28:27.538	-0.2	5.3		5.56		TAS		23.2	1.30	a_e	mb 5.0
BRG	76.85		P	20:28:11.788	0.0	5.3		5.56		TAS		23.4	1.15	a_e	mb 5.2
BSEG	74.03		P	20:27:56.138	-0.5	5.3		5.56		TAS		36.8	0.95	a_e	mb 5.4
BUG	76.65		P	20:28:10.488	-0.1	5.3		5.56		TAS		25.8	1.07	a_e	mb 5.3
CLL	76.49		P	20:28:09.538	0.1	5.3		5.56		TAS		18.7	1.00	a_e	mb 5.2
CLZ	76.12		P	20:28:08.288	-0.3	5.3		5.56		TAS		41.7	1.06	a_e	mb 5.5
FLT1	75.58		P	20:28:04.388	0.4	5.3		5.56		TAS		29.2	1.12	a_e	mb 5.3
FUR	79.73		P	20:28:27.838		5.3		5.56		TAS		17.7	1.11	a_e	mb 4.9
GEC2	78.88		P	20:28:23.238	-0.1	5.3		5.56		TAS		13.7	1.16	a_e	mb 4.9
GRA1	78.21		P	20:28:19.938	0.0	5.3		5.56		TAS		42.0	1.12	a_e	mb 5.5
GRA1	78.21		L	21:02:15.539						T__		661.1	21.90	a_e	Ms 4.9
GTTG	76.43		P	20:28:09.938	0.0	5.3		5.56		TAS		41.1	1.08	a_e	mb 5.5

GUNZ	77.47	P	20:28:15.638	0.0	5.3	5.56	TAS	16.6	1.12	a_e	mb	5.1
IBBN	75.76	P	20:28:05.938	0.3	5.3	5.56	TAS	52.6	1.00	a_e	mb	5.6
KAST	76.84	P	20:28:11.938	0.1	5.3	5.56	TAS	27.9	1.34	a_e	mb	5.2
MANZ	77.86	P	20:28:17.588	0.3	5.3	5.56	TAS	13.9	1.15	a_e	mb	5.0
MOX	77.24	P	20:28:14.188	0.2	5.3	5.56	TAS	23.5	1.17	a_e	mb	5.2
NEUB	76.68	P	20:28:11.038	-0.0	5.3	5.56	TAS	56.1	1.02	a_e	mb	5.6
NRDL	75.48	P	20:28:04.188	0.1	5.3	5.56	TAS	26.1	1.19	a_e	mb	5.1
PLN	77.36	P	20:28:14.838	0.1	5.3	5.56	TAS	14.6	1.10	a_e	mb	5.0
RJOB	80.05	P	20:28:29.824		5.3	5.56	TAS	31.2	1.04	m_e	mb	5.2
RUE	75.27	P	20:28:03.088	0.1	5.3	5.56	TAS	39.1	1.18	a_e	mb	5.3
STU	79.24	P	20:28:24.938	0.1	5.3	5.56	TAS	30.6	1.40	a_e	mb	5.1
TANN	77.41	P	20:28:14.873	0.3	5.3	5.56	TAS			m_e		
TNS	77.82	P	20:28:17.338	0.2	5.3	5.56	TAS	28.7	1.11	a_e	mb	5.3
UBBA	77.16	P	20:28:13.638	-0.2	5.3	5.56	TAS	20.4	1.42	a_e	mb	5.1
UBR	80.28	P	20:28:30.838		5.3	5.56	TAS	26.1	1.41	a_e	mb	5.0
WERN	77.54	P	20:28:16.138	0.4	5.3	5.56	TAS	28.7	1.10	a_e	mb	5.3
WET	78.65	P	20:28:22.238	-0.3	5.3	5.56	TAS	12.2	1.27	a_e	mb	4.8
WLF	78.45	P	20:28:20.988	-0.3	5.3	5.56	TAS	28.9	1.11	a_e	mb	5.3

Event 50815016 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/15	21:01:50.50			-17.4200	-173.8500				60.0					147.55	147.55	m i ke	NEIC
OrigID 50815055																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	147.55		PKP	21:21:27.701		9.0		1.97		TAS				m_e	
GRA1	147.55		pPKP	21:21:56.319						T__				m_e	

Event 50815017 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/15	23:44:20.16			37.7340	142.9660				47.7					83.07	83.07	m i ke	BGR
OrigID 50815023																	

Magnitude Err Nsta Author OrigID

mb	4.8	BGR	50815023													
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	83.07		P	23:56:39.094		41.3		4.58		TAS		5.9	1.02	m_e	mb	4.8
GRA1	83.07		pP	23:56:52.903						T__				m_e		

Event 50816001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/16	02:43:55.81			-21.3300	-178.2700				600.0			29		146.80	152.54	m i ke	BGR
OrigID 50816007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.54		PKPbc	03:02:40.313	-0.0	17.2		2.36		TAS					m_e
AHRW	150.54		PKPab	03:02:49.948		17.2		2.36		TAS					m_e
ASSE	148.48		PKPbc	03:02:35.766	0.1	17.2		2.36		TAS					m_e
ASSE	148.48		PKPab	03:02:40.499		17.2		2.36		TAS					m_e
BFO	152.54		PKPbc	03:02:44.579		17.2		2.36		TAS					m_e
BFO	152.54		PKPab	03:02:57.972		17.2		2.36		TAS					m_e
BRG	149.00		PKPbc	03:02:36.945	-0.0	17.2		2.36		TAS					m_e
BSEG	146.80		PKPbc	03:02:31.107	-0.6	17.2		2.36		TAS					m_e
BUG	149.64		PKPbc	03:02:38.011	0.3	17.2		2.36		TAS					m_e
BUG	149.64		PKPab	03:02:45.331		17.2		2.36		TAS					m_e
CLL	148.81		PKPbc	03:02:36.159	0.1	17.2		2.36		TAS					m_e
CLZ	148.81		PKPbc	03:02:36.608	-0.4	17.2		2.36		TAS					m_e
FLT1	148.19		PKPbc	03:02:34.138	0.0	17.2		2.36		TAS					m_e
FUR	152.15		PKPbc	03:02:44.130		17.2		2.36		TAS					m_e
FUR	152.15		PKPab	03:02:56.701		17.2		2.36		TAS					m_e
GEC2	150.93		PKPbc	03:02:41.267		17.2		2.36		TAS					m_e
GRA1	150.71		PKPbc	03:02:40.506	-0.5	17.2		2.36		TAS					m_e
GRA1	150.71		PKPab	03:02:50.248		17.2		2.36		TAS					m_e
GTTG	149.16		PKPbc	03:02:37.282	0.2	17.2		2.36		TAS					m_e
GTTG	149.16		PKPab	03:02:43.750		17.2		2.36		TAS					m_e
GUNZ	149.84		PKPbc	03:02:39.022	-0.2	17.2		2.36		TAS					m_e
GUNZ	149.84		PKPab	03:02:46.893		17.2		2.36		TAS					m_e
HLG	146.87		PKPab	03:02:34.859		17.2		2.36		TAS					m_e
IBBN	148.73		PKPbc	03:02:36.215	0.2	17.2		2.36		TAS					m_e
IBBN	148.73		PKPab	03:02:42.519		17.2		2.36		TAS					m_e
KAST	149.73		PKPbc	03:02:38.685	-0.2	17.2		2.36		TAS					m_e
MANZ	150.25		PKPbc	03:02:39.864	0.2	17.2		2.36		TAS					m_e
MOX	149.73		PKPbc	03:02:38.404	0.5	17.2		2.36		TAS					m_e
NEUB	149.17		PKPbc	03:02:37.225	0.2	17.2		2.36		TAS					m_e
NEUB	149.17		PKPab	03:02:43.758		17.2		2.36		TAS					m_e
PLN	149.76		PKPbc	03:02:38.741	0.2	17.2		2.36		TAS					m_e
RJOB	152.18		PKPbc	03:02:43.849		17.2		2.36		TAS					m_e
RJOB	152.18		PKPab	03:02:57.115		17.2		2.36		TAS					m_e
RUE	147.54		PKPbc	03:02:32.903	-0.1	17.2		2.36		TAS					m_e
STU	151.98		PKPbc	03:02:43.905		17.2		2.36		TAS					m_e
TANN	149.76		PKPab	03:02:46.102		17.2		2.36		TAS					m_e

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Tue May 12 07:59:38 2020

70

UBBA	149.86	PKPbc	03:02:39.246	-0.2	17.2	2.36	TAS	m_e
WERN	149.90	PKPbc	03:02:39.471	0.2	17.2	2.36	TAS	m_e
WERN	149.90	PKPab	03:02:47.549		17.2	2.36	TAS	m_e
WET	150.86	PKPab	03:02:51.400		17.2	2.36	TAS	m_e
WLF	151.51	PKPbc	03:02:43.063		17.2	2.36	TAS	m_e
WLF	151.51	PKPab	03:02:54.508		17.2	2.36	TAS	m_e

Event 50816005 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/16	05:53:21.10			46.7000	-27.3600				10.0					25.70	25.70	m i ke	EMSC
OrigID 50816037																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	50816011
Ms	3.8		BGR	50816011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	25.70		P	05:58:50.461		278.2		9.07		TAS		17.0	1.31	m_e mb	4.5
GRA1	25.70		L	06:08:06.779						T__		284.7	20.30	a_e Ms	3.8

Event 50816006 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/16	06:29:08.60			46.7400	-27.3600				10.0					25.69	25.69	m i ke	EMSC
OrigID 50816038																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	50816012
Ms	3.7		BGR	50816012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	25.69		P	06:34:36.882		278.3		8.59		TAS		24.5	1.85	m_e mb	4.5
GRA1	25.69		L	06:43:52.840						T__		207.1	20.00	a_e Ms	3.7

Event 50817002 Bonin Islands, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/17	00:46:00.63			28.0340	142.9710				33.0					91.53	91.53	m i ke	BGR
OrigID 50817008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50817008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	91.53		P	00:59:02.946		49.6		4.23		TAS		3.4	0.86	m_e	mb	4.7

## Event 50817004 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/17	11:40:35.89			30.9470	131.7680				33.0					83.94	83.94	m i ke	BGR
OrigID 50817010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50817010
Ms	4.8		BGR	50817010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	83.94		P	11:53:01.664		56.2		4.76		TAS		28.4	1.04	m_e	mb	5.4
GRA1	83.94		L	12:34:28.319						T__		351.4	19.10	a_e	Ms	4.8

## Event 50817006 Mariana Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/17	14:42:34.30			21.9400	146.6700				20.0					98.47	98.47	m i ke	EMSC
OrigID 50817038																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	50817012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	98.47		Pdiff	14:56:10.697						T__				m_e		
GRA1	98.47		PP	15:00:09.787		37.2		6.72		TAS				m_e		
GRA1	98.47		L	15:46:39.831						T__		992.2	18.70	a_e	Ms	5.3

## Event 50817007 Eastern Gulf of Aden

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/17	16:17:02.03			13.4100	50.9230				33.0				30	46.63	51.85	m i ke	BGR
OrigID 50817013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50817013
Ms	4.9		BGR	50817013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	51.30		P	16:26:04.572	0.3	124.1		7.69		TAS		33.9	1.09	a_e	mb	5.2
ASSE	50.26		P	16:25:56.222	0.0	124.1		7.69		TAS		175.8	2.80	a_e	mb	5.5
BFO	49.48		P	16:25:50.772	0.7	124.1		7.69		TAS		49.6	1.06	a_e	mb	5.4
BRG	47.87		P	16:25:37.722	-0.1	124.1		7.69		TAS		42.6	1.32	a_e	mb	5.4
BSEG	51.49		P	16:26:04.872	-0.2	124.1		7.69		TAS		26.4	1.36	a_e	mb	5.0
BUG	51.66		P	16:26:06.922	0.1	124.1		7.69		TAS		98.2	1.88	a_e	mb	5.4
CLL	48.61		P	16:25:43.522	0.1	124.1		7.69		TAS		257.0	2.47	a_e	mb	5.8
CLZ	50.25		P	16:25:56.272	0.1	124.1		7.69		TAS		70.8	1.37	a_e	mb	5.4
FLT1	50.10		P	16:25:54.522	-0.3	124.1		7.69		TAS		36.6	1.43	a_e	mb	5.1
FUR	47.72		P	16:25:36.822	0.1	124.1		7.69		TAS		317.0	2.10	a_e	mb	6.1
GEC2	46.77		P	16:25:29.372	-0.2	124.1		7.69		TAS		56.8	1.43	a_e	mb	5.5
GRA1	48.59		P	16:25:42.922	-0.6	124.1		7.69		TAS		75.6	1.46	m_e	mb	5.5
GRA1	48.59		L	16:48:42.995						T__		1179.6	19.10	a_e	Ms	4.9
GTTG	50.29		P	16:25:56.472	-0.1	124.1		7.69		TAS		42.7	1.10	a_e	mb	5.3
GUNZ	48.39		P	16:25:42.122	0.2	124.1		7.69		TAS		99.0	1.38	a_e	mb	5.7
IBBN	51.85		P	16:26:08.622		124.1		7.69		TAS		647.3	3.12	a_e	mb	6.0
KAST	50.92		P	16:26:01.072	0.2	124.1		7.69		TAS		15.0	1.18	a_e	mb	4.8
LNIZ	49.39		P	16:25:49.322	0.6	124.1		7.69		TAS		75.7	1.04	a_e	mb	5.6
MOX	48.92		P	16:25:46.122	0.1	124.1		7.69		TAS		77.8	1.54	a_e	mb	5.5
NEUB	49.16		P	16:25:47.772	-0.0	124.1		7.69		TAS		98.2	1.16	a_e	mb	5.7
NRDL	50.76		P	16:26:00.372	-0.3	124.1		7.69		TAS		54.4	1.29	a_e	mb	5.3
PLN	48.55		P	16:25:43.222	0.1	124.1		7.69		TAS		84.7	1.45	a_e	mb	5.6
RJOB	46.63		P	16:25:28.472	0.1	124.1		7.69		TAS		1330.7	2.84	a_e	mb	6.6
RUE	48.95		P	16:25:45.822	0.1	124.1		7.69		TAS		94.8	1.31	a_e	mb	5.7
STU	49.21		P	16:25:47.872	-0.3	124.1		7.69		TAS		69.3	1.87	a_e	mb	5.4
TNS	50.38		P	16:25:56.872	-0.4	124.1		7.69		TAS		27.9	1.55	a_e	mb	5.0
UBBA	49.87		P	16:25:53.122	-0.2	124.1		7.69		TAS		71.0	2.06	a_e	mb	5.2
UBR	48.12		P	16:25:40.022	0.3	124.1		7.69		TAS		65.0	1.06	a_e	mb	5.7
WERN	48.32		P	16:25:41.622	0.2	124.1		7.69		TAS		84.2	1.51	a_e	mb	5.6
WET	47.39		P	16:25:33.672	-0.6	124.1		7.69		TAS		119.1	2.51	a_e	mb	5.6
WLF	51.39		P	16:26:05.122	-0.4	124.1		7.69		TAS		65.9	1.12	a_e	mb	5.5

Event 50817008 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/17	19:01:41.15			31.6730	-36.7860				33.0					39.84	39.84	m i ke	BGR
50817014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50817014



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	39.84		P	19:09:11.085		259.1		8.08		TAS		14.3	1.55	m_e mb	4.4

Event 50817009 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/17	20:45:26.68			53.1290	-169.1030				33.0					77.56	77.56	m i ke	BGR
OrigID 50817015																	

Magnitude	Err	Nsta	Author	OrigID
mb 5.0			BGR	50817015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	77.56		P	20:57:17.619		2.5		5.00		TAS		13.1	1.13	m_e mb	5.0

Event 50818002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/18	05:39:12.14			-18.7660	-177.4700				33.0				18	144.39	150.50	m i ke	BGR
OrigID 50818008																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.10		PKPbc	05:58:48.265	0.2	15.8		2.75		TAS				m_e	
BFO	150.14		PKPbc	05:58:58.733		15.8		2.75		TAS				m_e	
BRG	146.71		PKPbc	05:58:49.936	0.3	15.8		2.75		TAS				m_e	
BSEG	144.39		PKPbc	05:58:43.007	-0.5	15.8		2.75		TAS				m_e	
CLL	146.49		PKPbc	05:58:49.199	0.4	15.8		2.75		TAS				m_e	
CLZ	146.42		PKPbc	05:58:49.396	0.3	15.8		2.75		TAS				m_e	
FLT1	145.82		PKPbc	05:58:46.791	0.1	15.8		2.75		TAS				m_e	
GEC2	148.66		PKPbc	05:58:55.096		15.8		2.75		TAS				m_e	
GRA1	148.37		PKPbc	05:58:54.622		15.8		2.75		TAS				m_e	
GTTG	146.77		PKPbc	05:58:50.329	-0.2	15.8		2.75		TAS				m_e	
GUNZ	147.52		PKPbc	05:58:51.902	-0.5	15.8		2.75		TAS				m_e	
KAST	147.30		PKPbc	05:58:51.558		15.8		2.75		TAS				m_e	
MOX	147.38		PKPbc	05:58:51.853	0.5	15.8		2.75		TAS				m_e	
NEUB	146.82		PKPbc	05:58:50.280	-0.1	15.8		2.75		TAS				m_e	
NRDL	145.82		PKPbc	05:58:46.889	0.4	15.8		2.75		TAS				m_e	
PLN	147.43		PKPbc	05:58:52.049	0.3	15.8		2.75		TAS				m_e	
RJOB	149.91		PKPbc	05:58:58.395	-0.2	15.8		2.75		TAS				m_e	
TNS	148.26		PKPbc	05:58:54.359	-0.2	15.8		2.75		TAS				m_e	

UBR	150.50	PKPbc	05:58:59.765	15.8	2.75	TAS	m_e
WLF	149.04	PKPbc	05:58:57.062	15.8	2.75	TAS	m_e

Event 50818005 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/18	20:10:00.25	0.62	1.07	45.4580	11.9640	11.1	6.7	16	10.0			22	260	1.82	5.76	m i ke	BGR
50818011																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	50818011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ARSA	3.05		Pn	20:10:48.314	1.1					T__				m_e		
BE1	2.51		Sn	20:11:10.165	1.7					T__				m_e		
BE1	2.51		Pn	20:10:39.821	-0.1					T__				m_e		
BFO	3.80		Pn	20:10:57.227	-0.2					T__				m_e		
DAVA	2.33		Sn	20:11:06.262	1.9					T__				m_e		
DAVA	2.33		Pn	20:10:38.725	1.2					T__				m_e	ML	3.9
FUR	2.75		Sn	20:11:14.794	0.7					T__				m_e		
FUR	2.75		Pn	20:10:42.512	-0.7					T__				m_e	ML	4.5
GEC2	3.59		Pn	20:10:53.561	-1.0					T__				m_e	ML	3.9
GRA1	4.27		Pn	20:11:03.589	-0.1					T__				m_e	ML	4.6
KBA	1.88		Sn	20:10:53.925	0.0					T__				m_e		
KBA	1.88		Pn	20:10:31.696	0.2					T__				m_e	ML	3.9
KW1	2.70		Pn	20:10:42.460	-0.1					T__				m_e		
MOA	2.87		Pn	20:10:45.228	0.4					T__				m_e		
MOX	5.20		Pn	20:11:14.111	-2.1					T__				m_e		
NORI	3.39		Pn	20:10:50.064	-1.8					T__				m_e		
OBKA	2.09		Pn	20:10:35.989	1.7					T__				m_e		
PART	2.12		Sn	20:10:58.085	-1.4					T__				m_e		
PART	2.12		Pn	20:10:34.284	-0.5					T__				m_e		
RJOB	2.35		Sn	20:11:05.951	1.1					T__				m_e		
RJOB	2.35		Pn	20:10:37.935	0.1					T__				m_e	ML	3.9
STU	3.82		Pn	20:10:57.383	-0.2					T__				m_e		
TNS	5.32		Pn	20:11:17.708	-0.2					T__				m_e		
UBR	2.57		Sn	20:11:10.373	0.5					T__				m_e		
UBR	2.57		Pn	20:10:40.921	0.2					T__				m_e	ML	4.4
WET	3.74		Pn	20:10:55.075	-1.5					T__				m_e		
WLF	5.76		Pn	20:11:25.636	1.9					T__				m_e		
WTTA	1.82		Pn	20:10:29.446	-1.2					T__				m_e	ML	3.9
ZUGS	2.07		Sn	20:10:57.160	-1.2					T__				m_e		
ZUGS	2.07		Pn	20:10:33.709	-0.4					T__				m_e		

Event 50818006 Cyprus region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/18	21:19:30.25	2.40	0.52	34.9680	32.2480	41.1	37.8	8	10.0			28	345	19.32	24.60	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50818012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	24.00		P	21:24:44.450	0.9					T__		77.8	1.30	a_e	mb 5.1
ASSE	23.07		P	21:24:34.003	-0.5					T__		34.1	0.96	m_e	mb 4.9
BFO	22.19		P	21:24:25.213	-0.5					T__		64.6	0.89	m_e	mb 5.1
BRG	20.70		P	21:24:09.850	-0.1					T__		43.2	1.01	a_e	mb 4.7
BSEG	24.41		P	21:24:47.800	0.3					T__		37.7	1.08	a_e	mb 4.8
BUG	24.37		P	21:24:47.250	0.1					T__		94.6	1.39	a_e	mb 5.1
CLL	21.43		P	21:24:17.400	-0.4					T__		68.3	1.44	a_e	mb 4.8
CLZ	23.03		P	21:24:33.900	-0.2					T__		56.2	0.96	a_e	mb 5.1
FLT1	22.93		P	21:24:32.205	-0.9					T__		23.5	1.22	m_e	mb 4.6
FUR	20.41		P	21:24:06.394	-0.3					T__		284.3	1.59	m_e	mb 5.3
GEC2	19.49		P	21:23:57.333	1.0					T__		132.1	1.17	m_e	mb 5.1
GRA1	21.30		P	21:24:15.871	-0.5					T__		107.1	1.06	m_e	mb 5.1
GTTG	23.05		P	21:24:34.350	0.0					T__		100.1	0.93	a_e	mb 5.3
GUNZ	21.14		P	21:24:14.750	0.1					T__		93.5	0.79	a_e	mb 5.2
IBBN	24.60		P	21:24:49.950	0.6					T__		111.9	1.31	a_e	mb 5.4
KAST	23.64		P	21:24:39.899	-0.2					T__		34.1	1.00	m_e	mb 4.8
MOX	21.67		P	21:24:20.650	0.4					T__		142.0	1.02	a_e	mb 5.3
NEUB	21.94		P	21:24:23.050	-0.1					T__		83.9	1.18	a_e	mb 5.1
PLN	21.30		P	21:24:16.450	0.1					T__		132.2	1.43	a_e	mb 5.1
RJOB	19.32		P	21:23:54.671	0.3					T__		204.3	1.67	m_e	mb 5.1
RUE	21.90		P	21:24:22.100	-0.5					T__		101.9	1.08	a_e	mb 5.2
STU	21.91		P	21:24:22.300	-0.5					T__		101.8	1.02	m_e	mb 5.2
TNS	23.08		P	21:24:34.251	-0.4					T__		47.3	1.20	m_e	mb 4.9
UBBA	22.60		P	21:24:31.200	1.4					T__		71.4	1.68	a_e	mb 4.9
UBR	20.84		P	21:24:10.750	-0.6					T__		155.5	1.26	a_e	mb 5.2
WERN	21.07		P	21:24:14.050	0.2					T__		139.4	1.33	a_e	mb 5.1
WET	20.11		P	21:24:03.500	0.2					T__		108.3	0.80	a_e	mb 5.1
WLF	24.09		P	21:24:44.621	0.2					T__		78.0	1.15	m_e	mb 5.1

Event 50818007 Cyprus region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/18	21:58:13.80			35.4800	31.2700				53.0					20.40	20.40	m i ke	EMSC

Magnitude Err Nsta Author OrigID  
 mb 4.3 BGR 50818013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	20.40		P	22:02:45.417		126.6		10.49		TAS		17.4	0.84	m_e mb	4.3

Event 50819006 Northern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/19	22:04:36.43			42.0110	85.0490				33.0					50.07	50.07	m i ke	BGR
OrigID 50819012																	

Magnitude Err Nsta Author OrigID  
 mb 4.6 BGR 50819012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	50.07		P	22:13:27.016		71.8		6.66		TAS		11.7	1.36	m_e mb	4.6

Event 50819007 Lake Tanganyika region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/19	22:15:55.42			-8.5600	29.0700				37.5	0.7		28		57.88	64.25	m i ke	BGR
OrigID 50819013																	

Magnitude Err Nsta Author OrigID  
 mb 5.0 BGR 50819013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	61.88		P	22:26:13.329	0.3	159.4		6.79		TAS		14.8	1.09	a_e mb	5.0
ASSE	62.48		P	22:26:17.179	0.1	159.4		6.79		TAS		14.3	1.04	a_e mb	5.0
ASSE	62.48		pP	22:26:27.590						T__				m_e	
BFO	59.53		P	22:25:56.779	0.0	159.4		6.79		TAS		9.3	1.30	a_e mb	4.7
BSEG	64.25		P	22:26:28.229		159.4		6.79		TAS		14.0	0.86	a_e mb	5.2
BUG	62.65		P	22:26:18.029	-0.7	159.4		6.79		TAS		19.0	0.99	a_e mb	5.3
CLL	61.22		P	22:26:08.329	0.2	159.4		6.79		TAS		7.3	0.98	a_e mb	4.9
CLL	61.22		pP	22:26:18.840						T__				m_e	
FLT1	62.55		P	22:26:17.079	-1.1	159.4		6.79		TAS		10.9	0.82	a_e mb	5.0
FUR	58.63		P	22:25:50.529	-0.2	159.4		6.79		TAS		21.0	0.95	a_e mb	5.1
GEC2	58.74		P	22:25:51.879	0.4	159.4		6.79		TAS		15.7	1.12	a_e mb	4.9
GRA1	60.07		P	22:26:00.779	0.2	159.4		6.79		TAS		50.2	0.86	m_e mb	5.4
GRA1	60.07		pP	22:26:11.372						T__				m_e	
GTTG	62.09		P	22:26:14.629	-0.6	159.4		6.79		TAS		15.1	1.13	a_e mb	5.0
GTTG	62.09		pP	22:26:25.027						T__				m_e	

GUNZ	60.46	P	22:26:03.629	0.5	159.4	6.79	TAS	16.0	0.88	a_e	mb	4.9
GUNZ	60.46	pP	22:26:13.949				T__				m_e	
IBBN	63.32	P	22:26:21.479		159.4	6.79	TAS				a_e	
KAST	62.14	P	22:26:14.929	0.3	159.4	6.79	TAS	16.7	1.40	a_e	mb	5.0
MANZ	60.15	P	22:26:00.379	-0.7	159.4	6.79	TAS	30.8	1.02	a_e	mb	5.1
MOX	60.88	P	22:26:06.279	0.1	159.4	6.79	TAS	16.4	1.12	a_e	mb	5.2
NEUB	61.36	P	22:26:09.729	0.6	159.4	6.79	TAS	23.2	1.03	a_e	mb	5.4
NEUB	61.36	pP	22:26:20.381				T__				m_e	
NRDL	62.94	P	22:26:20.218		159.4	6.79	TAS	15.5	0.99	m_e	mb	5.2
PLN	60.61	P	22:26:04.429	0.2	159.4	6.79	TAS	14.0	0.80	a_e	mb	5.2
PLN	60.61	pP	22:26:14.928				T__				m_e	
RJOB	57.88	P	22:25:45.029	-0.6	159.4	6.79	TAS				a_e	
ROTZ	59.92	P	22:25:59.779	0.2	159.4	6.79	TAS	15.3	1.12	a_e	mb	4.7
RUE	62.19	P	22:26:14.089	-0.3	159.4	6.79	TAS	15.1	0.54	m_e	mb	5.3
STU	59.70	P	22:25:58.479	0.5	159.4	6.79	TAS	16.0	0.97	a_e	mb	4.8
TNS	61.23	P	22:26:08.579	0.4	159.4	6.79	TAS	23.0	1.14	a_e	mb	5.3
TNS	61.23	pP	22:26:18.985				T__				m_e	
UBBA	61.40	P	22:26:10.029	0.3	159.4	6.79	TAS	11.6	1.24	a_e	mb	5.0
UBBA	61.40	pP	22:26:20.376				T__				m_e	
UBR	58.46	P	22:25:48.280	-1.3	159.4	6.79	TAS	20.2	1.52	m_e	mb	4.9
WERN	60.38	P	22:26:03.129	0.5	159.4	6.79	TAS	10.9	0.86	a_e	mb	4.7
WERN	60.38	pP	22:26:13.537				T__				m_e	
WET	59.19	P	22:25:54.679	0.1	159.4	6.79	TAS	9.3	0.91	a_e	mb	4.8
WET	59.19	pP	22:26:05.158				T__				m_e	

Event 50820002 Northern Molucca Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/20	11:00:11.50			0.5200	126.6100				65.0					105.76	105.76	m i ke	EMSC
50820034																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	105.76		PP	11:18:35.902						T__					m_e

Event 50820004 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
2015/08/20	12:57:37.41			39.8030	142.3480				33.0					81.04	81.04	m i ke	BGR
50820010																	

Magnitude Err Nsta Author OrigID

mb 4.6 BGR 50820010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.04		P	13:09:47.743		38.9		4.54		TAS		6.7	0.97	m_e	mb 4.6

Event 50820005 Eastern New Guinea, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/20	13:29:08.50			-8.0800	149.6200				48.0					125.95	125.95	m i ke	EMSC
OrigID 50820037																	

Magnitude	Err	Nsta	Author	OrigID
Ms 4.6		BGR		50820011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	125.95		PKP	13:48:03.970		54.3		0.93		TAS				m_e	
GRA1	125.95		L	14:45:25.990						T__		143.1	21.40	a_e Ms	4.6

Event 50821007 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/08/21	18:45:40.09			-22.5340	-177.5780				33.0					35	147.43	154.16	m i ke	BGR
OrigID 50821013																		

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	151.81		PKPbc	19:04:50.600	-0.0	17.5		2.32		TAS				a_e	
ASSE	149.78		PKPbc	19:04:45.800	0.1	17.5		2.32		TAS				a_e	
BFO	153.83		PKPbc	19:04:54.850	-0.2	17.5		2.32		TAS				a_e	
BRG	150.32		PKPbc	19:04:47.050	0.1	17.5		2.32		TAS				a_e	
BSEG	148.08		PKPbc	19:04:41.400	-0.4	17.5		2.32		TAS				a_e	
BUG	150.90		PKPbc	19:04:48.350	-0.2	17.5		2.32		TAS				a_e	
CLZ	150.10		PKPbc	19:04:46.800	0.4	17.5		2.32		TAS				a_e	
FBE	150.41		PKPbc	19:04:47.550	0.4	17.5		2.32		TAS				a_e	
FLT1	149.49		PKPbc	19:04:44.750	-0.2	17.5		2.32		TAS				a_e	
FUR	153.47		PKPbc	19:04:54.038	-0.1	17.5		2.32		TAS				m_e	
GEC2	152.25		PKPbc	19:04:51.300	-0.2	17.5		2.32		TAS				a_e	
GRA1	152.02		PKPbc	19:04:51.171	0.3	17.5		2.32		TAS				m_e	
GTTG	150.45		PKPbc	19:04:47.500	0.3	17.5		2.32		TAS				a_e	
GUNZ	151.16		PKPbc	19:04:49.150	0.3	17.5		2.32		TAS				a_e	
HLG	148.13		PKPbc	19:04:41.800	-0.3	17.5		2.32		TAS				a_e	
IBBN	150.00		PKPbc	19:04:46.450	0.1	17.5		2.32		TAS				a_e	

KAST	151.00	PKPbc	19:04:48.750	0.1	17.5	2.32	TAS	a_e
MANZ	151.56	PKPbc	19:04:49.000	-0.8	17.5	2.32	TAS	a_e
MILB	152.23	PKPbc	19:04:51.450	0.1	17.5	2.32	TAS	a_e
MOX	151.03	PKPbc	19:04:48.700	0.2	17.5	2.32	TAS	m_e
NEUB	150.48	PKPbc	19:04:47.400	0.1	17.5	2.32	TAS	a_e
NRDL	149.51	PKPbc	19:04:45.100	0.0	17.5	2.32	TAS	a_e
PLN	151.08	PKPbc	19:04:48.800	0.2	17.5	2.32	TAS	a_e
RJOB	153.51	PKPbc	19:04:53.773	-0.6	17.5	2.32	TAS	m_e
ROTZ	151.75	PKPbc	19:04:50.300	0.1	17.5	2.32	TAS	a_e
RUE	148.86	PKPbc	19:04:43.200	-0.3	17.5	2.32	TAS	a_e
SKMB	147.43	PKPbc	19:04:40.050	-0.3	17.5	2.32	TAS	a_e
STU	153.27	PKPbc	19:04:53.750	0.0	17.5	2.32	TAS	a_e
TNS	151.96	PKPbc	19:04:50.900	0.1	17.5	2.32	TAS	a_e
UBBA	151.15	PKPbc	19:04:48.950	0.1	17.5	2.32	TAS	a_e
UBR	154.16	PKPbc	19:04:55.350	-0.4	17.5	2.32	TAS	a_e
WERD	151.08	PKPbc	19:04:48.800	0.1	17.5	2.32	TAS	a_e
WERN	151.22	PKPbc	19:04:49.450	0.5	17.5	2.32	TAS	a_e
WET	152.18	PKPbc	19:04:51.300	0.1	17.5	2.32	TAS	a_e
WLF	152.76	PKPbc	19:04:53.300	0.4	17.5	2.32	TAS	a_e

Event 50822006 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/22	19:31:53.37			-22.4050	-176.3630				33.0			16		148.11	154.25	m i ke	BGR
OrigID 50822012																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	150.47		PKPbc	19:51:00.339	-0.8	15.1		2.31		TAS					m_e
BSEG	148.11		PKPbc	19:50:54.764	-0.2	15.1		2.31		TAS					m_e
CLL	150.24		PKPbc	19:50:59.916	0.3	15.1		2.31		TAS					m_e
FBE	150.54		PKPbc	19:51:01.183	-0.0	15.1		2.31		TAS					m_e
FLT1	149.56		PKPbc	19:50:58.058	0.6	15.1		2.31		TAS					m_e
GUNZ	151.27		PKPbc	19:51:02.619		15.1		2.31		TAS					m_e
KAST	151.01		PKPbc	19:51:02.197		15.1		2.31		TAS					m_e
MANZ	151.68		PKPbc	19:51:02.450		15.1		2.31		TAS					m_e
MILB	152.27		PKPbc	19:51:04.900		15.1		2.31		TAS					m_e
MOX	151.13		PKPbc	19:51:01.943		15.1		2.31		TAS					m_e
NRDL	149.55		PKPbc	19:50:58.142	0.4	15.1		2.31		TAS					m_e
PLN	151.19		PKPbc	19:51:02.281		15.1		2.31		TAS					m_e
ROTZ	151.87		PKPbc	19:51:03.633		15.1		2.31		TAS					m_e
TNS	151.98		PKPbc	19:51:04.224		15.1		2.31		TAS					m_e
UBR	154.25		PKPbc	19:51:08.701		15.1		2.31		TAS					m_e
WERD	151.20		PKPbc	19:51:02.366		15.1		2.31		TAS					m_e

Event 50823001 El Salvador

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/23	04:48:52.10			13.7900	-88.5300				28.8	0.6		20		83.01	87.60	m i ke	BGR
OrigID 50823007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50823007
Ms	5.3		BGR	50823007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	87.12		P	05:01:35.456	-0.2	286.2		4.98		TAS		11.4	1.01	m_e	mb	5.0
BSEG	84.11		P	05:01:20.862	-0.3	286.2		4.98		TAS		19.1	1.01	m_e	mb	5.3
BSEG	84.11		pP	05:01:29.043						T__				m_e		
CLL	86.42		P	05:01:32.041	-0.1	286.2		4.98		TAS		19.1	0.88	m_e	mb	5.2
CLZ	84.69		P	05:01:23.824	0.3	286.2		4.98		TAS		15.3	0.93	m_e	mb	5.2
FBE	86.75		P	05:01:33.817	0.0	286.2		4.98		TAS		23.3	1.17	m_e	mb	5.2
FLT1	85.07		P	05:01:25.195	-0.2	286.2		4.98		TAS		18.2	0.92	m_e	mb	5.3
FLT1	85.07		pP	05:01:33.631						T__				m_e		
GEC2	87.60		P	05:01:37.751	-0.3	286.2		4.98		TAS		11.2	1.15	m_e	mb	5.1
GRA1	85.80		L	05:42:40.514						T__		1047.2	19.20	a_e	Ms	5.2
GUNZ	86.29		P	05:01:31.791	0.3	286.2		4.98		TAS		17.1	0.97	m_e	mb	5.1
IBBN	83.01		P	05:01:14.925		286.2		4.98		TAS		12.7	1.04	m_e	mb	5.1
MANZ	86.27		P	05:01:30.626	-0.8	286.2		4.98		TAS		12.7	0.98	m_e	mb	5.0
MILB	84.56		P	05:01:22.905		286.2		4.98		TAS		15.4	0.94	m_e	mb	5.2
MOX	85.77		P	05:01:28.848	-0.1	286.2		4.98		TAS		11.9	1.10	m_e	mb	4.9
MOX	85.77		L	05:44:19.014						T__		1184.8	19.20	a_e	Ms	5.3
NEUB	85.71		P	05:01:28.760	0.1	286.2		4.98		TAS		12.6	0.78	m_e	mb	5.1
PLN	86.15		P	05:01:30.928	0.1	286.2		4.98		TAS		17.3	0.99	m_e	mb	5.1
PLN	86.15		pP	05:01:39.311						T__				m_e		
RJOB	87.37		P	05:01:36.767	0.3	286.2		4.98		TAS		51.9	1.16	m_e	mb	5.6
RJOB	87.37		pP	05:01:45.108						T__				m_e		
TNS	83.93		P	05:01:19.609		286.2		4.98		TAS		12.7	1.03	m_e	mb	5.1
UBR	85.64		P	05:01:28.509		286.2		4.98		TAS		18.0	0.97	m_e	mb	5.2
WERD	86.25		P	05:01:31.475	0.1	286.2		4.98		TAS		13.0	0.91	m_e	mb	5.1
WERD	86.25		pP	05:01:39.973						T__				m_e		
WERN	86.34		P	05:01:32.116	0.3	286.2		4.98		TAS		24.9	1.07	m_e	mb	5.3
WET	86.99		P	05:01:35.349	0.3	286.2		4.98		TAS		21.4	1.01	m_e	mb	5.2

Event 50823002 Nepal-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/23	09:02:06.35			26.7890	85.6320				33.0			23		58.34	63.46	m i ke	BGR
OrigID																	



50823008

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50823008
Ms	4.1		BGR	50823008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	62.72		P	09:12:27.073		82.8		6.86		TAS		13.2	0.92	m_e	mb	5.1
BRG	58.35		P	09:11:56.913	-0.1	82.8		6.86		TAS		16.0	0.88	m_e	mb	5.1
BSEG	60.30		P	09:12:10.395	-0.2	82.8		6.86		TAS		16.2	0.82	m_e	mb	5.1
BUG	62.45		P	09:12:24.676		82.8		6.86		TAS		23.6	1.14	m_e	mb	5.3
CLL	58.90		P	09:12:00.208	-0.6	82.8		6.86		TAS		7.6	1.07	m_e	mb	4.7
CLZ	60.48		P	09:12:11.693	-0.1	82.8		6.86		TAS		24.2	0.80	m_e	mb	5.3
FBE	58.72		P	09:11:59.709	0.2	82.8		6.86		TAS		20.7	0.92	m_e	mb	5.2
FLT1	59.90		P	09:12:06.800	0.4	82.8		6.86		TAS		12.7	0.95	m_e	mb	4.9
GEC2	58.69		P	09:11:59.709	0.3	82.8		6.86		TAS		11.2	0.96	m_e	mb	4.9
GRA1	60.20		P	09:12:10.560	-0.3	82.8		6.86		TAS		16.0	1.03	m_e	mb	5.0
GRA1	60.20		L	09:40:43.080						T__		216.3	18.00	a_e	Ms	4.3
GTTG	60.77		P	09:12:13.591	0.2	82.8		6.86		TAS		12.8	1.08	m_e	mb	4.7
GUNZ	59.42		P	09:12:04.503	-0.4	82.8		6.86		TAS		14.8	1.05	m_e	mb	4.9
IBBN	62.02		P	09:12:21.880		82.8		6.86		TAS		15.7	1.01	m_e	mb	5.2
MANZ	59.60		P	09:12:05.302	-0.7	82.8		6.86		TAS		13.4	1.17	m_e	mb	4.9
MOX	59.84		P	09:12:07.199	0.2	82.8		6.86		TAS		10.3	0.86	m_e	mb	4.9
MOX	59.84		L	09:40:24.745						T__		97.2	18.80	a_e	Ms	4.0
NRDL	60.57		P	09:12:12.392	-0.1	82.8		6.86		TAS		26.8	1.08	m_e	mb	5.0
RUE	58.34		P	09:11:56.413	-0.3	82.8		6.86		TAS		23.7	0.51	m_e	mb	5.5
STU	61.65		P	09:12:19.583		82.8		6.86		TAS		20.3	0.74	m_e	mb	5.4
TNS	61.91		P	09:12:21.280		82.8		6.86		TAS		16.4	0.86	m_e	mb	5.3
UBR	61.22		P	09:12:16.387	0.1	82.8		6.86		TAS		11.2	0.70	m_e	mb	4.8
WERN	59.40		P	09:12:04.503	0.1	82.8		6.86		TAS		9.6	1.10	m_e	mb	4.7
WET	59.20		P	09:12:03.005	0.1	82.8		6.86		TAS		13.4	0.97	m_e	mb	4.9
WLF	63.46		P	09:12:32.366		82.8		6.86		TAS		26.1	0.95	m_e	mb	5.3

Event 50824002 Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/24	04:25:22.00			40.7000	21.1600				10.0					7.53	10.60	m i ke	GFZ

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
ARSA	7.71		Pn	04:27:14.648						T__				m_e	
DAVA	10.45		Sn	04:29:45.492						T__				m_e	
DAVA	10.45		Pn	04:27:51.400						T__				m_e	
KBA	8.51		Sn	04:28:58.466						T__				m_e	

KBA	8.51	Pn	04:27:24.131	T__	m_e
MOA	8.69	Pn	04:27:25.252	T__	m_e
OBKA	7.53	Pn	04:27:11.376	T__	m_e
PLONS	10.60	Sn	04:29:46.248	T__	m_e
RJOB	9.24	Pn	04:27:35.493	T__	m_e
UBR	10.56	Pn	04:27:51.415	T__	m_e
WTTA	9.49	Sn	04:29:21.455	T__	m_e
WTTA	9.49	Pn	04:27:38.528	T__	m_e

Event 50824009 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
2015/08/24	18:24:45.34			40.2070	141.8990				33.0					80.52	80.52	m i ke	BGR
OrigID 50824015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50824015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	80.52		P	18:36:52.866		38.6		4.59		TAS		12.1	0.86	m_e mb	5.0

Event 50825007 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/25	22:51:36.82			31.9290	131.1250				33.0					82.00	82.82	m i ke	BGR
OrigID 50825013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50825013
Ms	5.2		BGR	50825013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.82		P	23:03:56.822		54.4		4.74		TAS		48.6	1.35	m_e mb	5.6
GRA1	82.82		L	23:44:40.497						T__		1121.3	20.70	a_e Ms	5.2
MOX	82.00		L	23:44:22.996						T__		1054.1	18.30	a_e Ms	5.2

Event 50826007 Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/26	20:42:00.29			40.7020	21.0030				10.0					9.17	11.82	m i ke	BGR
OrigID																	

50826013

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	11.82		Pn	20:44:43.904						T__					m_e
GEC2	9.65		Pn	20:44:16.417						T__					m_e
RJOB	9.17		Pn	20:44:09.770						T__					m_e
UBR	10.47		Pn	20:44:26.959						T__					m_e
WET	10.21		Pn	20:44:23.304						T__					m_e

Event 50826008 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/26	21:56:53.88			28.7790	-42.9590				10.0					45.75	46.11	m i ke	BGR
OrigID 50826014																	

Magnitude Err Nsta Author OrigID

mb	5.2		BGR	50826014
Ms	4.5		BGR	50826014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	45.75		P	22:05:14.722		261.2		7.68		TAS		30.9	1.27	m_e	mb 5.2
GRA1	45.75		L	22:22:32.986						T__		451.6	19.70	a_e	Ms 4.4
MOX	46.11		L	22:22:27.024						T__		659.1	19.10	a_e	Ms 4.6

Event 50827001 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/27	00:25:09.20			34.3600	25.5300				60.0					16.43	22.32	m i ke	EMSC
OrigID 50827037																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	21.05		Pn	00:29:48.550	0.2					T__					m_e
BFO	18.95		Pn	00:29:25.821	-1.5					T__					m_e
BSEG	22.32		Pn	00:29:59.703	-11.7					T__					m_e
BUG	21.59		Pn	00:29:53.883	-0.7					T__					m_e
FBE	18.78		Pn	00:29:23.041	-6.0					T__					m_e
FLT1	20.68		Pn	00:29:43.319	-5.3					T__					m_e
GEC2	16.93		Pn	00:29:03.088	-1.1					T__					m_e
GTTG	20.54		Pn	00:29:43.060	1.0					T__					m_e

GUNZ	18.68	Pn	00:29:23.053	2.0	T__	m_e
KAST	20.92	Pn	00:29:46.912	1.4	T__	m_e
MANZ	18.47	Pn	00:29:18.201	2.0	T__	m_e
MILB	19.53	Pn	00:29:33.107	5.9	T__	m_e
MOX	19.18	Pn	00:29:28.961	3.2	T__	m_e
NRDL	21.23	Pn	00:29:49.234	-4.1	T__	m_e
RJOB	16.43	Pn	00:28:53.458	0.9	T__	m_e
ROTZ	18.25	Pn	00:29:18.136	5.0	T__	m_e
TNS	20.19	Pn	00:29:39.353	3.1	T__	m_e
UBR	17.63	Pn	00:29:10.959	-0.6	T__	m_e
WERD	18.76	Pn	00:29:24.593	2.4	T__	m_e
WERN	18.61	Pn	00:29:22.568	2.6	T__	m_e
WET	17.49	Pn	00:29:09.786	5.0	T__	m_e
WLF	20.91	Pn	00:29:46.647	-3.7	T__	m_e

Event 50827002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/27	01:13:08.24			-24.7340	-177.9430				33.0			11		150.19	153.20	m i ke	BGR
50827008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	151.87		PKPbc	01:32:59.989	-0.2	19.3		2.19		TAS				m_e	
BRG	152.34		PKPbc	01:33:00.878	0.0	19.3		2.19		TAS				m_e	
BSEG	150.19		PKPbc	01:32:56.432	-0.2	19.3		2.19		TAS				m_e	
CLL	152.17		PKPbc	01:33:00.433	0.2	19.3		2.19		TAS				m_e	
CLZ	152.20		PKPbc	01:33:00.878	0.2	19.3		2.19		TAS				m_e	
FBE	152.44		PKPbc	01:33:01.397	0.1	19.3		2.19		TAS				m_e	
FLT1	151.57		PKPbc	01:32:59.100	0.0	19.3		2.19		TAS				m_e	
GUNZ	153.20		PKPbc	01:33:02.953		19.3		2.19		TAS				m_e	
KAST	153.12		PKPbc	01:33:02.731		19.3		2.19		TAS				m_e	
NRDL	151.61		PKPbc	01:32:59.470	0.0	19.3		2.19		TAS				m_e	
WERD	153.13		PKPbc	01:33:02.731		19.3		2.19		TAS				m_e	

Event 50827012 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/27	15:06:28.95			-20.2440	-176.8450				33.0			20		147.36	152.06	m i ke	BGR
50827018																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.64		PKPbc	15:26:09.312	0.2	15.2		2.58		TAS				m_e	
BFO	151.67		PKPbc	15:26:19.440		15.2		2.58		TAS				m_e	
BRG	148.27		PKPbc	15:26:11.107	-0.7	15.2		2.58		TAS				m_e	
CLL	148.05		PKPbc	15:26:10.338	-0.0	15.2		2.58		TAS				m_e	
CLZ	147.96		PKPbc	15:26:10.466	0.0	15.2		2.58		TAS				m_e	
FBE	148.35		PKPbc	15:26:11.876	0.5	15.2		2.58		TAS				m_e	
GEC2	150.23		PKPbc	15:26:16.235		15.2		2.58		TAS				m_e	
GRA1	149.92		PKPbc	15:26:15.594		15.2		2.58		TAS				m_e	
GTTG	148.31		PKPbc	15:26:11.235	0.6	15.2		2.58		TAS				m_e	
GUNZ	149.08		PKPbc	15:26:13.671	0.3	15.2		2.58		TAS				m_e	
IBBN	147.80		PKPbc	15:26:09.569	-0.2	15.2		2.58		TAS				m_e	
MANZ	149.48		PKPbc	15:26:13.671	0.3	15.2		2.58		TAS				m_e	
MILB	150.08		PKPbc	15:26:17.389		15.2		2.58		TAS				m_e	
NRDL	147.36		PKPbc	15:26:08.287	-0.2	15.2		2.58		TAS				m_e	
PLN	148.99		PKPbc	15:26:12.261	1.6	15.2		2.58		TAS				m_e	
RJOB	151.48		PKPbc	15:26:19.055		15.2		2.58		TAS				m_e	
ROTZ	149.67		PKPbc	15:26:14.825	-0.5	15.2		2.58		TAS				m_e	
UBR	152.06		PKPbc	15:26:20.209		15.2		2.58		TAS				m_e	
WET	150.13		PKPbc	15:26:16.235		15.2		2.58		TAS				m_e	
WLF	150.55		PKPbc	15:26:17.645		15.2		2.58		TAS				m_e	

Event 50827013 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/27	19:10:04.29			46.3200	146.6100				33.0			32		73.43	78.95	m i k e	BGR
50827019																	

Magnitude Err Nsta Author  
mb 5.7 BGR 50827019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.37		P	19:21:56.826	0.1	30.0		5.67		TAS		97.2	1.17	a_e mb	5.8
ASSE	74.89		P	19:21:42.876	0.1	30.0		5.67		TAS		56.4	1.52	a_e mb	5.4
BFO	78.95		P	19:22:05.226	-0.6	30.0		5.67		TAS		68.9	1.03	a_e mb	5.6
BRG	74.92		P	19:21:42.876	-0.1	30.0		5.67		TAS		39.4	1.23	a_e mb	5.3
BSEG	73.43		P	19:21:34.476	0.0	30.0		5.67		TAS		41.6	1.27	a_e mb	5.4
BUG	76.52		P	19:21:51.776	-0.1	30.0		5.67		TAS		97.8	1.19	a_e mb	5.8
CLL	74.86		P	19:21:42.226	-0.4	30.0		5.67		TAS		82.0	0.95	a_e mb	5.7
CLZ	75.24		P	19:21:45.176	0.4	30.0		5.67		TAS		99.7	1.11	a_e mb	5.8
FBE	75.08		P	19:21:43.976	0.1	30.0		5.67		TAS		75.4	1.17	a_e mb	5.6
FLT1	74.55		P	19:21:40.326	-0.5	30.0		5.67		TAS		67.4	1.03	a_e mb	5.6
FUR	78.14		P	19:22:01.226	0.0	30.0		5.67		TAS		142.5	0.99	a_e mb	6.1
GEC2	76.73		P	19:21:53.126	-0.1	30.0		5.67		TAS		39.1	1.02	a_e mb	5.5
GRA1	76.84		P	19:21:54.176	0.4	30.0		5.67		TAS		157.5	1.03	m_e mb	6.1

GTTG	75.62	P	19:21:47.076	0.2	30.0	5.67	TAS	76.6	1.03	a_e	mb	5.8
GUNZ	75.89	P	19:21:48.576	0.1	30.0	5.67	TAS	41.0	0.98	a_e	mb	5.5
IBBN	75.61	P	19:21:46.726	-0.0	30.0	5.67	TAS	65.1	0.95	a_e	mb	5.7
KAST	76.39	P	19:21:51.376	0.1	30.0	5.67	TAS	67.3	1.08	a_e	mb	5.7
MANZ	76.29	P	19:21:49.776	-0.9	30.0	5.67	TAS	33.9	0.98	a_e	mb	5.4
MILB	77.33	P	19:21:57.976	1.4	30.0	5.67	TAS	78.5	0.89	a_e	mb	5.8
MOX	75.88	P	19:21:48.476	0.1	30.0	5.67	TAS	72.4	1.29	a_e	mb	5.6
NEUB	75.36	P	19:21:45.176	-0.3	30.0	5.67	TAS	102.7	1.09	a_e	mb	5.8
NRDL	74.75	P	19:21:41.976	0.0	30.0	5.67	TAS	42.4	1.27	a_e	mb	5.3
PLN	75.84	P	19:21:48.276	0.1	30.0	5.67	TAS	48.2	1.18	a_e	mb	5.5
RJOB	78.00	P	19:22:00.626	0.3	30.0	5.67	TAS	231.7	1.01	a_e	mb	6.3
ROTZ	76.45	P	19:21:51.926	0.3	30.0	5.67	TAS	63.6	1.20	a_e	mb	5.6
RUE	73.61	P	19:21:35.476	-0.1	30.0	5.67	TAS	93.6	1.31	a_e	mb	5.7
STU	78.29	P	19:22:01.676	-0.4	30.0	5.67	TAS	93.6	0.90	a_e	mb	5.9
TNS	77.24	P	19:21:56.026	-0.1	30.0	5.67	TAS	62.1	0.89	a_e	mb	5.7
UBBA	76.24	P	19:21:50.159	-0.3	30.0	5.67	TAS	52.8	1.47	m_e	mb	5.5
UBR	78.95	P	19:22:05.376	-0.4	30.0	5.67	TAS	30.7	1.18	a_e	mb	5.2
WERN	75.94	P	19:21:48.926	0.2	30.0	5.67	TAS	50.8	1.05	a_e	mb	5.6
WET	76.76	P	19:21:53.776	0.4	30.0	5.67	TAS	101.6	1.07	a_e	mb	5.9

Event 50828008 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/28	14:05:04.30			-27.3300	-176.4500				60.0			12		152.96	158.71	m i ke	EMSC
	50828040																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	158.71		PKPdf	14:24:55.028		3.8		1.45		TAS				m_e	
BRG	155.19		PKPdf	14:24:50.865	0.1	3.8		1.45		TAS				m_e	
BRG	155.19		PKPbc	14:25:00.170		17.6		2.28		TAS				m_e	
BSEG	152.96		PKPbc	14:24:55.115	-0.2	17.6		2.28		TAS				m_e	
CLL	155.00		PKPdf	14:24:50.393	-0.2	3.8		1.45		TAS				m_e	
CLL	155.00		PKPbc	14:24:59.495		17.6		2.28		TAS				m_e	
CLZ	154.98		PKPdf	14:24:49.196	-0.6	3.8		1.45		TAS				m_e	
CLZ	154.98		PKPbc	14:24:59.870		17.6		2.28		TAS				m_e	
FBE	155.29		PKPbc	14:25:00.661		17.6		2.28		TAS				m_e	
FLT1	154.37		PKPbc	14:24:57.981	0.3	17.6		2.28		TAS				m_e	
FUR	158.35		PKPab	14:25:29.141		17.0		4.55		TAS				m_e	
GEC2	157.12		PKPdf	14:24:53.307		3.8		1.45		TAS				m_e	
GEC2	157.12		PKPab	14:25:23.623		17.0		4.55		TAS				m_e	
GRA1	156.90		PKPdf	14:24:53.335		3.8		1.45		TAS				m_e	
GRA1	156.90		PKPab	14:25:22.934		17.0		4.55		TAS				m_e	
GUNZ	156.04		PKPdf	14:24:52.063		3.8		1.45		TAS				m_e	
GUNZ	156.04		PKPab	14:25:18.709		17.0		4.55		TAS				m_e	

IBBN	154.85	PKPbc	14:24:59.368	0.3	17.6	2.28	TAS	m_e
MOX	155.92	PKPdf	14:24:51.539		3.8	1.45	TAS	m_e
MOX	155.92	PKPab	14:25:17.964		17.0	4.55	TAS	m_e
NEUB	155.36	PKPdf	14:24:51.033		3.8	1.45	TAS	m_e
NRDL	154.39	PKPbc	14:24:58.248	-0.2	17.6	2.28	TAS	m_e
PLN	155.96	PKPab	14:25:18.420		17.0	4.55	TAS	m_e
RJOB	158.38	PKPab	14:25:29.784		17.0	4.55	TAS	m_e
ROTZ	156.63	PKPdf	14:24:52.547		3.8	1.45	TAS	m_e
ROTZ	156.63	PKPab	14:25:21.463		17.0	4.55	TAS	m_e
RUE	153.74	PKPbc	14:24:56.820	-0.1	17.6	2.28	TAS	m_e
TANN	155.96	PKPdf	14:24:51.709		3.8	1.45	TAS	m_e
TANN	155.96	PKPab	14:25:18.462		17.0	4.55	TAS	m_e
UBBA	156.03	PKPab	14:25:18.413		17.0	4.55	TAS	m_e
WERN	156.10	PKPab	14:25:19.263		17.0	4.55	TAS	m_e
WET	157.06	PKPab	14:25:23.440		17.0	4.55	TAS	m_e
WLF	157.61	PKPdf	14:24:52.874		3.8	1.45	TAS	m_e

Event 50828009 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
2015/08/28	14:46:23.55			37.0290	141.7460				42.4	1.7		26		81.12	85.44	m i ke	BGR
50828015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50828015
Ms	4.5		BGR	50828015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.11		P	14:58:47.884		37.8		5.16		TAS		10.1	0.85	m_e mb	5.1
BFO	85.44		P	14:58:54.547		37.8		5.16		TAS		14.4	0.94	m_e mb	5.2
BRG	81.19		P	14:58:32.831	0.4	37.8		5.16		TAS		11.6	0.95	m_e mb	4.9
BUG	83.30		P	14:58:43.739		37.8		5.16		TAS		7.9	0.56	m_e mb	5.1
CLL	81.23		P	14:58:32.866	0.1	37.8		5.16		TAS		20.0	0.82	m_e mb	5.2
CLZ	81.83		P	14:58:36.666	-0.2	37.8		5.16		TAS		18.6	1.23	m_e mb	5.1
CLZ	81.83		sP	14:58:53.913						T__				m_e	
FBE	81.39		P	14:58:34.268	0.3	37.8		5.16		TAS		22.0	0.83	m_e mb	5.2
FLT1	81.12		P	14:58:32.167	0.1	37.8		5.16		TAS		14.5	0.73	m_e mb	5.1
FLT1	81.12		pP	14:58:44.934						T__				m_e	
GEC2	82.86		P	14:58:41.382	0.1	37.8		5.16		TAS		6.9	0.72	m_e mb	5.0
GRA1	83.21		P	14:58:43.729		37.8		5.16		TAS		24.2	0.80	m_e mb	5.5
GRA1	83.21		sP	14:59:00.811						T__				m_e	
GRA1	83.21		L	15:39:10.817						T__		186.2	18.50	a_e Ms	4.5
GTTG	82.22		P	14:58:38.524	-0.1	37.8		5.16		TAS		16.2	0.85	m_e mb	5.2
GUNZ	82.24		P	14:58:38.502	-0.2	37.8		5.16		TAS		8.9	0.81	m_e mb	4.9
IBBN	82.41		P	14:58:39.339	-0.1	37.8		5.16		TAS		19.6	0.64	m_e mb	5.4
KAST	83.07		P	14:58:42.725		37.8		5.16		TAS		6.7	0.79	m_e mb	4.9

MANZ	82.62	P	14:58:39.469	0.3	37.8	5.16	TAS	8.5	0.73	m_e	mb	5.1
MOX	82.30	P	14:58:38.728	0.1	37.8	5.16	TAS	6.2	0.66	m_e	mb	4.9
MOX	82.30	L	15:44:47.946				T__	178.5	18.10	a_e	Ms	4.5
PLN	82.21	P	14:58:38.329	0.2	37.8	5.16	TAS	4.7	0.89	m_e	mb	4.6
RJOB	84.10	P	14:58:48.227		37.8	5.16	TAS	34.0	1.03	m_e	mb	5.5
RJOB	84.10	sP	14:59:05.225				T__			m_e		
ROTZ	82.75	P	14:58:41.363	-0.2	37.8	5.16	TAS	7.9	0.70	m_e	mb	5.1
ROTZ	82.75	sP	14:58:58.354				T__			m_e		
STU	84.74	P	14:58:51.128		37.8	5.16	TAS	23.0	1.01	m_e	mb	5.4
TANN	82.14	P	14:58:37.832	0.1	37.8	5.16	TAS	2.9	0.72	m_e	mb	4.5
TNS	83.86	P	14:58:46.810		37.8	5.16	TAS	5.5	0.65	m_e	mb	4.9
UBBA	82.79	P	14:58:41.007	-0.3	37.8	5.16	TAS	5.0	0.82	m_e	mb	4.8
WERN	82.28	P	14:58:38.866	0.3	37.8	5.16	TAS	10.6	1.06	m_e	mb	4.9
WET	82.97	P	14:58:42.317	0.1	37.8	5.16	TAS	5.5	0.82	m_e	mb	4.8
WLF	85.16	P	14:58:53.588		37.8	5.16	TAS	26.2	1.46	m_e	mb	5.3

Event 50828010 Volcano Islands, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/28	15:30:54.44			24.2100	141.7820				33.0			12		91.64	96.56	m i ke	BGR
OrigID 50828016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50828016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	92.26		P	15:44:00.458	0.2	44.0		4.57		TAS		7.0	0.79	m_e	mb	5.0
BSEG	91.64		P	15:43:57.442	0.0	44.0		4.57		TAS		15.3	0.98	m_e	mb	5.3
CLL	92.38		P	15:44:00.893	1.1	44.0		4.57		TAS		10.1	1.04	m_e	mb	5.1
GEC2	93.78		P	15:44:07.388		44.0		4.57		TAS		5.3	0.91	m_e	mb	4.9
GUNZ	93.35		P	15:44:05.843		44.0		4.57		TAS		6.0	1.14	m_e	mb	4.9
MOX	93.47		P	15:44:07.217		44.0		4.57		TAS		24.5	2.02	m_e	mb	5.3
PLN	93.34		P	15:44:05.567		44.0		4.57		TAS		3.2	0.67	m_e	mb	4.9
RJOB	94.98		P	15:44:13.152		44.0		4.57		TAS		14.2	1.00	m_e	mb	5.4
TNS	95.16		P	15:44:13.858		44.0		4.57		TAS		8.0	1.43	m_e	mb	4.9
UBR	96.30		P	15:44:18.719		44.0		4.57		TAS		32.3	2.09	m_e	mb	5.5
WET	93.96		P	15:44:08.363		44.0		4.57		TAS		4.9	1.43	m_e	mb	4.6
WLF	96.56		P	15:44:20.278		44.0		4.57		TAS		18.8	1.40	m_e	mb	5.5

Event 50829001 Mariana Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/29	03:53:23.60			19.1900	145.7000				131.0			13		97.72	102.44	m i ke	EMSC
OrigID																	



50829033

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	98.40		PP	04:10:47.690	0.2	43.3		7.65		TAS				m_e		
BSEG	97.72		PP	04:10:42.236	0.1	43.3		7.65		TAS				m_e		
BUG	100.82		PP	04:11:07.344		43.3		7.65		TAS				m_e		
FBE	98.63		PP	04:10:49.589	0.6	43.3		7.65		TAS				m_e		
GEC2	99.93		PP	04:10:59.765		43.3		7.65		TAS				m_e		
GRA1	100.46		PP	04:11:03.314		43.3		7.65		TAS				m_e		
MOX	99.60		PP	04:10:56.682		43.3		7.65		TAS				m_e		
PLN	99.47		PP	04:10:56.084		43.3		7.65		TAS				m_e		
ROTZ	99.97		PP	04:10:59.772		43.3		7.65		TAS				m_e		
TNS	101.27		PP	04:11:11.166		43.3		7.65		TAS				m_e		
UBR	102.44		PP	04:11:17.023		43.3		7.65		TAS				m_e		
WERN	99.52		PP	04:10:56.504		43.3		7.65		TAS				m_e		
WET	100.11		PP	04:11:01.315		43.3		7.65		TAS				m_e		

Event 50829006 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2015/08/29	18:47:04.60			46.3100	13.5800				7.0					1.53	7.11	m i ke	EMSC
50829038																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.8		BGR	50829012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	6.05		Pn	18:48:36.231						T__				m_e	ML 4.9
BFO	4.10		Pn	18:48:08.460						T__				m_e	ML 4.6
BRG	4.57		Sg	18:49:27.707						T__				m_e	
BRG	4.57		Pn	18:48:13.907						T__				m_e	ML 4.9
BUG	6.61		Pn	18:48:43.918						T__				m_e	ML 4.8
CLL	5.02		Sg	18:49:43.894						T__				m_e	
CLL	5.02		Pn	18:48:20.668						T__				m_e	ML 5.1
CLZ	5.92		Pn	18:48:33.393						T__				m_e	ML 4.9
FBE	4.62		Pn	18:48:14.823						T__				m_e	ML 4.9
FLT1	6.22		Pn	18:48:36.608						T__				m_e	ML 5.0
FUR	2.43		Sg	18:48:23.667						T__				m_e	
FUR	2.43		Pn	18:47:46.268						T__				m_e	ML 4.9
FUR	2.43		Pg	18:47:50.894						T__				m_e	
GEC2	2.54		Sg	18:48:24.940						T__				m_e	
GEC2	2.54		Pn	18:47:47.255						T__				m_e	ML 4.5
GRA1	3.74		Sg	18:49:04.091						T__				m_e	
GRA1	3.74		Pn	18:48:03.423						T__				m_e	ML 4.9

GTTG	5.76	Pn	18:48:31.513	T__	m_e ML	5.1
GUNZ	4.14	Pn	18:48:08.728	T__	m_e ML	4.7
IBBN	7.11	Pn	18:48:50.471	T__	m_e ML	5.1
KAST	5.97	Pn	18:48:34.261	T__	m_e ML	4.8
MANZ	3.81	Sg	18:49:05.242	T__	m_e	
MANZ	3.81	Pn	18:48:02.668	T__	m_e ML	4.5
MOX	4.53	Pn	18:48:13.407	T__	m_e ML	4.6
NEUB	5.03	Pn	18:48:21.319	T__	m_e ML	5.2
PLN	4.29	Pn	18:48:10.500	T__	m_e ML	4.7
RJOB	1.53	Pn	18:47:32.343	T__	m_e ML	4.1
ROTZ	3.58	Sg	18:48:57.670	T__	m_e	
ROTZ	3.58	Pn	18:48:00.629	T__	m_e ML	4.6
STU	3.86	Sg	18:49:09.469	T__	m_e	
STU	3.86	Pn	18:48:05.419	T__	m_e ML	5.2
TANN	4.18	Pn	18:48:08.949	T__	m_e ML	4.8
TNS	5.20	Pn	18:48:23.697	T__	m_e ML	4.8
UBBA	5.10	Pn	18:48:22.204	T__	m_e ML	4.6
UBR	2.74	Pn	18:47:50.798	T__	m_e ML	4.6
WERD	4.23	Pn	18:48:09.789	T__	m_e ML	4.7
WERN	4.06	Pn	18:48:07.630	T__	m_e ML	4.7
WET	2.88	Pn	18:47:51.661	T__	m_e ML	4.3
WLF	6.01	Pn	18:48:35.451	T__	m_e ML	4.8

Event 50829007 Sicily, Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/29	20:25:12.90			38.5400	12.1200				22.0					9.21	13.36	m i ke	INGV
50829097																	

Magnitude	Err	Nsta	Author	OrigID
Ms	3.0		BGR	50829013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	10.16		Pn	20:27:42.659						T__					m_e
CLZ	13.36		Pn	20:28:25.433						T__					m_e
GEC2	10.36		Pn	20:27:44.800						T__					m_e
GRA1	11.17		Pn	20:27:56.068						T__					m_e
GRA1	11.17		L	20:32:29.323						T__		173.1	18.50	a_e Ms	3.0
GUNZ	11.82		Pn	20:28:05.174						T__					m_e
KAST	12.93		Pn	20:28:21.219						T__					m_e
MANZ	11.44		Pn	20:27:57.629						T__					m_e
MOX	12.11		Pn	20:28:08.516						T__					m_e
MOX	12.11		L	20:33:08.341						T__		166.4	18.30	a_e Ms	3.1
RJOB	9.21		Pn	20:27:30.310						T__					m_e
ROTZ	11.22		Pn	20:27:55.793						T__					m_e
TANN	11.88		Pn	20:28:06.423						T__					m_e

TNS	11.97	Pn	20:28:07.480	T__	m_e
UBR	9.25	Pn	20:27:32.109	T__	m_e
WERD	11.91	Pn	20:28:08.045	T__	m_e
WERN	11.75	Pn	20:28:04.193	T__	m_e
WET	10.61	Pn	20:27:48.298	T__	m_e

Event 50829008 Kyrgyzstan-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/29	20:26:18.10			40.1900	77.4600				2.0					46.43	46.43	m i ke	EMSC
OrigID 50829040																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	50829014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	46.43		P	20:34:49.663		75.4		7.16		TAS		2.6	0.85	m_e mb	4.3

Event 50830001 Southeast of Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/30	05:30:55.88			29.6090	131.5650				43.5	1.2		30		80.83	87.38	m i ke	BGR
OrigID 50830007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50830007
Ms	4.8		BGR	50830007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.34		P	05:43:31.775		48.9		5.03		TAS		20.4	1.13	m_e mb	5.2
AHRW	86.34		pP	05:43:44.791		48.4		5.15		TAS				m_e	
BFO	87.27		P	05:43:35.760		48.9		5.03		TAS		9.2	1.09	m_e mb	4.8
BRG	82.85		P	05:43:13.923	-0.4	48.9		5.03		TAS		6.8	1.04	m_e mb	4.8
BSEG	82.57		P	05:43:12.599	0.2	48.9		5.03		TAS		10.6	0.85	m_e mb	5.1
BSEG	82.57		pP	05:43:25.141	0.1	48.4		5.15		TAS				m_e	
BUG	85.63		P	05:43:27.929	-0.8	48.9		5.03		TAS		13.9	1.06	m_e mb	5.0
BUG	85.63		pP	05:43:40.655		48.4		5.15		TAS				m_e	
CLL	83.03		P	05:43:14.888	0.0	48.9		5.03		TAS		20.5	1.07	m_e mb	5.3
CLL	83.03		pP	05:43:27.397	0.3	48.4		5.15		TAS				m_e	
CLZ	83.93		P	05:43:20.117	-0.1	48.9		5.03		TAS		28.4	1.19	m_e mb	5.4
CLZ	83.93		pP	05:43:32.733	0.4	48.4		5.15		TAS				m_e	
FBE	83.11		P	05:43:15.757	-0.0	48.9		5.03		TAS		12.3	1.04	m_e mb	5.1
FBE	83.11		pP	05:43:28.233	0.1	48.4		5.15		TAS				m_e	

FLT1	83.21	P	05:43:15.643	-0.1	48.9	5.03	TAS	12.6	0.84	m_e	mb	5.2
FLT1	83.21	pP	05:43:28.114	0.1	48.4	5.15	TAS			m_e		
FUR	85.92	P	05:43:29.806		48.9	5.03	TAS	34.5	1.38	m_e	mb	5.3
GEC2	84.25	P	05:43:21.191	0.1	48.9	5.03	TAS	9.8	0.93	m_e	mb	5.0
GEC2	84.25	pP	05:43:33.897	0.3	48.4	5.15	TAS			m_e		
GRA1	84.95	P	05:43:25.247	0.1	48.9	5.03	TAS	49.4	1.21	m_e	mb	5.6
GRA1	84.95	pP	05:43:37.902	-0.3	48.4	5.15	TAS			m_e		
GRA1	84.95	L	06:24:10.220				T__	367.8	21.50	a_e	Ms	4.7
GTTG	84.32	P	05:43:21.955	0.4	48.9	5.03	TAS	22.1	1.03	m_e	mb	5.3
GTTG	84.32	pP	05:43:34.621	0.1	48.4	5.15	TAS			m_e		
GUNZ	83.97	P	05:43:20.058	0.3	48.9	5.03	TAS	15.9	0.93	m_e	mb	5.2
GUNZ	83.97	pP	05:43:32.747	-0.8	48.4	5.15	TAS			m_e		
KAST	85.27	P	05:43:26.636	0.0	48.9	5.03	TAS	12.0	0.90	m_e	mb	5.1
KAST	85.27	pP	05:43:39.149		48.4	5.15	TAS			m_e		
MANZ	84.32	P	05:43:20.779	0.2	48.9	5.03	TAS	12.5	1.04	m_e	mb	5.1
MANZ	84.32	pP	05:43:33.526	-0.2	48.4	5.15	TAS			m_e		
MOX	84.13	P	05:43:20.761	0.1	48.9	5.03	TAS	10.2	0.92	m_e	mb	5.0
MOX	84.13	pP	05:43:33.318	0.1	48.4	5.15	TAS			m_e		
MOX	84.13	L	06:24:27.870				T__	453.2	18.70	a_e	Ms	4.9
NEUB	83.70	P	05:43:18.475	-0.1	48.9	5.03	TAS	40.4	1.23	m_e	mb	5.5
NEUB	83.70	pP	05:43:31.364	0.1	48.4	5.15	TAS			m_e		
NRDL	83.62	P	05:43:18.090	0.2	48.9	5.03	TAS	18.9	1.54	m_e	mb	5.1
PLN	83.97	P	05:43:19.835	-0.9	48.9	5.03	TAS	10.6	0.92	m_e	mb	5.1
PLN	83.97	pP	05:43:32.812	0.2	48.4	5.15	TAS			m_e		
RGN	80.83	pP	05:43:15.743	-0.4	48.4	5.15	TAS			m_e		
RJOB	85.43	P	05:43:27.564	-0.4	48.9	5.03	TAS	95.1	1.00	m_e	mb	6.0
ROTZ	84.41	P	05:43:22.502	0.3	48.9	5.03	TAS	20.2	0.99	m_e	mb	5.3
ROTZ	84.41	pP	05:43:35.018	0.1	48.4	5.15	TAS			m_e		
STU	86.55	P	05:43:32.517		48.9	5.03	TAS	14.4	0.99	m_e	mb	5.1
STU	86.55	pP	05:43:45.357		48.4	5.15	TAS			m_e		
TANN	83.87	P	05:43:19.237	0.3	48.9	5.03	TAS	7.8	1.03	m_e	mb	4.9
TANN	83.87	pP	05:43:32.097	-0.0	48.4	5.15	TAS			m_e		
TNS	85.92	P	05:43:29.956	0.2	48.9	5.03	TAS	13.8	0.84	m_e	mb	5.1
TNS	85.92	pP	05:43:42.600		48.4	5.15	TAS			m_e		
UBBA	84.79	P	05:43:24.086	0.3	48.9	5.03	TAS	10.8	0.87	m_e	mb	5.1
UBBA	84.79	pP	05:43:36.712	-0.5	48.4	5.15	TAS			m_e		
WERD	83.92	P	05:43:19.716	0.1	48.9	5.03	TAS	13.5	0.95	m_e	mb	5.1
WERD	83.92	pP	05:43:32.390	-0.2	48.4	5.15	TAS			m_e		
WERN	83.99	P	05:43:20.332	0.4	48.9	5.03	TAS	16.4	0.90	m_e	mb	5.3
WERN	83.99	pP	05:43:32.752	-0.0	48.4	5.15	TAS			m_e		
WET	84.48	P	05:43:22.545	-0.2	48.9	5.03	TAS	7.4	1.09	m_e	mb	4.8
WET	84.48	pP	05:43:35.182	0.2	48.4	5.15	TAS			m_e		
WLF	87.38	P	05:43:37.229		48.9	5.03	TAS	27.1	1.24	m_e	mb	5.2
WLF	87.38	pP	05:43:49.612		48.4	5.15	TAS			m_e		

./2015/bul1508.txt

Tue May 12 07:59:38 2020

93

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/30	13:17:35.86			26.7610	85.3860				33.0				15	58.21	61.89	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	50830009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	58.21		P	13:27:25.746	-0.1	83.0		6.87		TAS		3.9	0.93	m_e	mb	4.4
BSEG	60.17		P	13:27:39.373		83.0		6.87		TAS		8.2	1.07	m_e	mb	4.7
CLZ	60.35		P	13:27:40.712		83.0		6.87		TAS		13.4	1.43	m_e	mb	4.8
FBE	58.58		P	13:27:28.657	-0.2	83.0		6.87		TAS		6.9	1.12	m_e	mb	4.6
FLT1	59.77		P	13:27:35.843		83.0		6.87		TAS		5.0	1.09	m_e	mb	4.5
GEC2	58.55		P	13:27:28.244	-0.1	83.0		6.87		TAS		1.7	0.90	m_e	mb	4.1
GRA1	60.07		P	13:27:39.130		83.0		6.87		TAS		2.5	0.88	m_e	mb	4.2
IBBN	61.89		P	13:27:50.614		83.0		6.87		TAS		11.9	1.33	m_e	mb	5.0
MOX	59.70		P	13:27:36.130		83.0		6.87		TAS		2.9	0.93	m_e	mb	4.3
NRDL	60.44		P	13:27:41.378		83.0		6.87		TAS		6.2	0.92	m_e	mb	4.6
ROTZ	59.42		P	13:27:34.899	-0.0	83.0		6.87		TAS		2.3	0.65	m_e	mb	4.3
TANN	59.19		P	13:27:32.517	-0.1	83.0		6.87		TAS		5.3	1.54	m_e	mb	4.3
TNS	61.77		P	13:27:50.449		83.0		6.87		TAS		4.3	0.78	m_e	mb	4.7
WERD	59.29		P	13:27:33.252	0.5	83.0		6.87		TAS		3.3	0.75	m_e	mb	4.4
WET	59.05		P	13:27:31.757	0.5	83.0		6.87		TAS		1.8	0.88	m_e	mb	4.1

Event 50830004 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/30	13:28:02.70			37.8300	21.3400				21.0					11.71	13.91	m i ke	THE

Magnitude	Err	Nsta	Author	OrigID
Ms	3.6		BGR	50830010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GEC2	12.33		Pn	13:30:57.160						T__				m_e		
GRA1	13.91		Pn	13:31:29.706						T__				m_e		
GRA1	13.91		L	13:37:42.430						T__		541.2	20.00	a_e	Ms	3.6
RJOB	11.71		Sn	13:32:53.813						T__				m_e		
RJOB	11.71		Pn	13:30:48.893						T__				m_e		

Event 50830005 Iran-Turkmenistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID  
 2015/08/30 14:38:54.51 38.1300 56.6530 10.0 34.21 34.21 m i ke BGR  
 50830011

Magnitude Err Nsta Author OrigID  
 mb 4.2 BGR 50830011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	34.21		P	14:45:39.511		100.3		8.56		TAS		3.5	1.10	m_e mb	4.2

Event 50831001 North of New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/31	06:07:38.40			-31.0300	177.2800				11.0			11		156.63	159.52	m i ke	NEIC

OrigID  
 50831040

Magnitude Err Nsta Author OrigID  
 Ms 4.8 BGR 50831007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	156.63		PKPab	06:28:09.970	0.2	24.9		4.57		TAS				m_e	
FBE	156.81		PKPab	06:28:11.622		24.9		4.57		TAS				m_e	
GEC2	158.28		PKPab	06:28:19.001		24.9		4.57		TAS				m_e	
GRA1	158.61		PKPab	06:28:19.117		24.9		4.57		TAS				m_e	
GRA1	158.61		L	07:45:21.727						T__		140.8	19.70	a_e Ms	4.8
MOX	157.68		PKPab	06:28:14.321		24.9		4.57		TAS				m_e	
MOX	157.68		L	07:54:21.222						T__		147.8	18.30	a_e Ms	4.9
PLN	157.61		PKPab	06:28:14.591		24.9		4.57		TAS				m_e	
RJOB	159.52		PKPab	06:28:25.078		24.9		4.57		TAS				m_e	
ROTZ	158.18		PKPab	06:28:17.799		24.9		4.57		TAS				m_e	
WERD	157.59		PKPab	06:28:14.457		24.9		4.57		TAS				m_e	
WERN	157.69		PKPab	06:28:15.455		24.9		4.57		TAS				m_e	
WET	158.40		PKPab	06:28:19.423		24.9		4.57		TAS				m_e	

Event 50831005 Tajikistan-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/31	16:13:39.21			37.3640	74.3510				144.8	4.5		29		44.21	48.28	m i ke	BGR

OrigID  
 50831011

Magnitude Err Nsta Author OrigID  
 mb 5.0 BGR 50831011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	44.21		P	16:21:31.726	0.1	80.6		7.87		TAS		19.9	1.01	m_e	mb 4.8
BSEG	46.08		P	16:21:46.452	0.6	80.6		7.87		TAS		23.4	0.86	m_e	mb 5.2
BUG	48.28		P	16:22:03.464		80.6		7.87		TAS		23.3	1.11	m_e	mb 5.2
CLL	44.75		P	16:21:35.467	0.1	80.6		7.87		TAS		16.3	1.02	m_e	mb 4.9
CLZ	46.31		P	16:21:48.147	0.8	80.6		7.87		TAS		19.0	1.29	m_e	mb 5.0
FBE	44.57		P	16:21:34.866	0.2	80.6		7.87		TAS		24.8	0.82	m_e	mb 5.2
FLT1	45.71		P	16:21:42.811	-0.2	80.6		7.87		TAS		27.0	0.83	m_e	mb 5.3
FUR	46.34		P	16:21:49.273	0.1	80.6		7.87		TAS		37.1	0.99	m_e	mb 5.4
GEC2	44.63		P	16:21:35.427	-0.6	80.6		7.87		TAS		16.9	1.19	m_e	mb 4.9
GRA1	46.10		P	16:21:47.463	0.4	80.6		7.87		TAS		29.9	1.08	m_e	mb 5.2
GRA1	46.10		pP	16:22:20.945						T__				m_e	
GRA1	46.10		sP	16:22:35.182						T__				m_e	
GTTG	46.60		P	16:21:50.690	-0.6	80.6		7.87		TAS		37.9	0.90	m_e	mb 5.5
GUNZ	45.29		P	16:21:40.444	-0.1	80.6		7.87		TAS		12.2	1.00	m_e	mb 4.8
KAST	47.61		P	16:21:57.867		80.6		7.87		TAS		10.4	1.26	m_e	mb 4.8
MANZ	45.49		P	16:21:41.219	-0.3	80.6		7.87		TAS		12.1	1.21	m_e	mb 4.7
MOX	45.70		P	16:21:43.477	1.0	80.6		7.87		TAS		14.1	1.10	m_e	mb 4.9
NEUB	45.53		P	16:21:41.908	-0.6	80.6		7.87		TAS		18.9	0.95	m_e	mb 5.1
NRDL	46.38		P	16:21:48.897	0.2	80.6		7.87		TAS		31.5	1.06	m_e	mb 5.3
PLN	45.38		P	16:21:40.892	0.2	80.6		7.87		TAS		8.4	0.97	m_e	mb 4.6
RGN	44.28		P	16:21:31.543	-0.2	80.6		7.87		TAS		166.4	1.32	m_e	mb 5.6
RJOB	45.41		P	16:21:41.336	0.3	80.6		7.87		TAS		32.1	1.14	m_e	mb 5.2
ROTZ	45.46		P	16:21:42.112	-0.8	80.6		7.87		TAS		17.6	1.28	m_e	mb 4.8
STU	47.58		P	16:21:58.491		80.6		7.87		TAS		22.1	1.20	m_e	mb 5.2
TANN	45.20		P	16:21:39.629	0.0	80.6		7.87		TAS		9.8	1.08	m_e	mb 4.7
TNS	47.77		P	16:21:59.747		80.6		7.87		TAS		14.9	1.26	m_e	mb 5.0
UBBA	46.69		P	16:21:50.925	0.1	80.6		7.87		TAS		14.9	1.43	m_e	mb 4.9
UBR	47.20		P	16:21:55.367	-0.1	80.6		7.87		TAS		27.7	1.25	m_e	mb 5.2
WERD	45.30		P	16:21:40.355	-0.3	80.6		7.87		TAS		11.1	0.94	m_e	mb 4.8
WERN	45.27		P	16:21:40.381	-0.0	80.6		7.87		TAS		14.1	1.62	m_e	mb 4.6
WET	45.12		P	16:21:39.199	-0.1	80.6		7.87		TAS		15.0	1.22	m_e	mb 4.8

Event 50831006 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/08/31	21:54:14.20			50.4400	152.9300				295.0			11		73.06	75.09	m i ke	NEIC
OrigID 50831045																	

Magnitude	Err	Nsta	Author	OrigID
mb 4.7			BGR	50831012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	73.19		P	22:05:12.895	0.1	25.7		6.19		TAS		3.7	0.95	m_e	mb 4.5
CLL	73.06		P	22:05:12.002	-0.0	25.7		6.19		TAS		10.2	0.90	m_e	mb 5.0
GEC2	75.09		P	22:05:24.204		25.7		6.19		TAS		4.2	0.73	m_e	mb 4.6

GRA1	75.01	P	22:05:24.198	25.7	6.19	TAS	12.3	0.77	m_e	mb	5.0
GUNZ	74.10	P	22:05:18.623	25.7	6.19	TAS	3.9	0.80	m_e	mb	4.5
MOX	74.03	P	22:05:18.104	25.7	6.19	TAS	3.4	0.83	m_e	mb	4.4
PLN	74.03	P	22:05:18.012	25.7	6.19	TAS	5.5	1.10	m_e	mb	4.5
ROTZ	74.67	P	22:05:22.068	25.7	6.19	TAS	3.9	0.77	m_e	mb	4.5
WERD	74.03	P	22:05:18.063	25.7	6.19	TAS	11.0	1.18	m_e	mb	4.8
WERN	74.15	P	22:05:19.051	25.7	6.19	TAS	8.1	0.70	m_e	mb	4.9
WET	75.05	P	22:05:24.432	25.7	6.19	TAS	9.0	0.86	m_e	mb	4.8