

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

(produced by SZO/BGR - HANNOVER)

September 2015 UPDATED 12.October.2017

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

Event 50901005 Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/01	08:57:22.06			-20.8490	168.5020				40.7	2.3		7		146.71	148.28	m i ke	BGR
OrigID 50901011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.94		PKPbc	09:16:59.430		40.2		3.09		TAS					m_e
AHRW	146.94		pPKPbc	09:17:12.300		41.2		3.04		TAS					m_e
BFO	148.28		PKPbc	09:17:03.435		40.2		3.09		TAS					m_e
BFO	148.28		pPKPbc	09:17:15.627		41.2		3.04		TAS					m_e
FUR	147.16		PKPbc	09:17:00.532		40.2		3.09		TAS					m_e
FUR	147.16		pPKPbc	09:17:12.669		41.2		3.04		TAS					m_e
STU	147.59		PKPbc	09:17:01.703		40.2		3.09		TAS					m_e
STU	147.59		pPKPbc	09:17:13.768		41.2		3.04		TAS					m_e
TNS	146.71		PKPbc	09:16:58.989		40.2		3.09		TAS					m_e
TNS	146.71		pPKPbc	09:17:10.850		41.2		3.04		TAS					m_e
UBR	148.04		PKPbc	09:17:02.731		40.2		3.09		TAS					m_e
UBR	148.04		pPKPbc	09:17:14.933		41.2		3.04		TAS					m_e
WLF	148.00		PKPbc	09:17:03.548		40.2		3.09		TAS					m_e
WLF	148.00		pPKPbc	09:17:15.553		41.2		3.04		TAS					m_e

Event 50901008 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/01	13:24:44.80			23.8900	121.6300				16.0					84.32	84.32	m i ke	EMSC
OrigID																	

50901040

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50901014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	84.32		P	13:37:15.610		59.6		4.77		TAS		10.6	1.04	m_e	mb 5.0

Event 50901009 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/01	15:24:13.54			31.5190	142.1890				33.0			30		83.65	90.43	m i ke	BGR
OrigID 50901015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50901015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	86.52		P	15:36:51.822	0.3	40.1		4.76		TAS		32.8	1.35	m_e	mb 5.3
BFO	90.43		P	15:37:10.078		40.1		4.76		TAS		43.2	1.53	m_e	mb 5.5
BRG	86.13		P	15:36:49.815	-0.2	40.1		4.76		TAS		62.7	1.74	m_e	mb 5.5
BSEG	85.27		P	15:36:45.984	-0.1	40.1		4.76		TAS		59.1	1.34	m_e	mb 5.6
BUG	88.38		P	15:37:00.424	-0.1	40.1		4.76		TAS		35.8	1.35	m_e	mb 5.5
CLL	86.20		P	15:36:50.017	-0.1	40.1		4.76		TAS		73.3	1.41	m_e	mb 5.6
CLZ	86.86		P	15:36:53.648	0.1	40.1		4.76		TAS		76.7	1.49	m_e	mb 5.6
FBE	86.34		P	15:36:51.329	0.1	40.1		4.76		TAS		118.3	1.58	m_e	mb 5.8
FLT1	86.15		P	15:36:49.562	0.5	40.1		4.76		TAS		67.7	1.31	m_e	mb 5.6
FUR	89.32		P	15:37:04.970		40.1		4.76		TAS		107.0	1.72	m_e	mb 5.8
GEC2	87.74		P	15:36:57.099	0.0	40.1		4.76		TAS		37.2	1.69	m_e	mb 5.4
GRA1	88.17		P	15:37:00.084	0.3	40.1		4.76		TAS		78.8	1.59	m_e	mb 5.8
GRA1	88.17		PP	15:40:27.048		34.2		7.28		TAS				m_e	
GTTG	87.25		P	15:36:55.394	-0.7	40.1		4.76		TAS		60.8	1.50	m_e	mb 5.5
GUNZ	87.19		P	15:36:55.062	0.2	40.1		4.76		TAS		80.9	1.90	m_e	mb 5.5
KAST	88.13		P	15:36:59.539	-0.1	40.1		4.76		TAS		36.3	1.74	m_e	mb 5.4
MANZ	87.57		P	15:36:56.039	-0.4	40.1		4.76		TAS		63.0	2.05	m_e	mb 5.6
MOX	87.28		P	15:36:55.329	0.4	40.1		4.76		TAS		57.8	1.75	m_e	mb 5.4
NEUB	86.80		P	15:36:53.134	-0.1	40.1		4.76		TAS		119.1	1.58	m_e	mb 5.8
NRDL	86.46		P	15:36:51.328	0.1	40.1		4.76		TAS		72.7	1.78	m_e	mb 5.5
PLN	87.17		P	15:36:55.005	0.2	40.1		4.76		TAS		45.9	1.72	m_e	mb 5.3
RGN	83.65		P	15:36:37.290	-0.8	40.1		4.76		TAS		434.4	1.62	m_e	mb 6.4
RJOB	88.97		P	15:37:03.658		40.1		4.76		TAS		241.3	1.82	m_e	mb 6.1
ROTZ	87.70		P	15:36:57.755	-0.0	40.1		4.76		TAS		95.3	1.91	m_e	mb 5.8
RUE	85.01		P	15:36:44.796	0.3	40.1		4.76		TAS		168.0	1.69	m_e	mb 6.0
TANN	87.10		P	15:36:54.332	0.2	40.1		4.76		TAS		54.6	1.92	m_e	mb 5.4
UBBA	87.80		P	15:36:57.811	0.2	40.1		4.76		TAS		51.5	1.79	m_e	mb 5.6
UBR	90.19		P	15:37:08.727		40.1		4.76		TAS		29.0	1.63	m_e	mb 5.3

WERD	87.14	P	15:36:54.774	0.1	40.1	4.76	TAS	67.2	1.98	m_e	mb	5.4
WERN	87.23	P	15:36:55.299	0.0	40.1	4.76	TAS	62.7	1.86	m_e	mb	5.4
WET	87.88	P	15:36:58.200	0.5	40.1	4.76	TAS	37.8	1.84	m_e	mb	5.4

Event 50901010 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/01	15:25:10.10			31.1700	141.6000				11.0			14		86.22	90.49	m i ke	NEIC
OrigID 50901049																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	50901016
MBB	6.2		BGR	50901016
Ms	5.7		BGR	50901016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	89.25		P	15:38:04.468		40.8		4.92		TAS		56.1	1.58	m_e	MBB 6.2
ASSE	86.60		P	15:37:52.843	0.6	40.8		4.92		TAS		229.5	2.51	m_e	MBB 6.1
BFO	90.49		P	15:38:11.209		40.8		4.92		TAS		95.4	1.57	m_e	MBB 6.1
CLL	86.26		P	15:37:51.061	-0.2	40.8		4.92		TAS		118.3	1.46	m_e	MBB 6.2
FBE	86.40		P	15:37:52.196	-0.5	40.8		4.92		TAS		206.7	1.85	m_e	MBB 6.3
FLT1	86.22		P	15:37:50.579	-0.3	40.8		4.92		TAS		142.7	1.50	m_e	MBB 6.2
GEC2	87.78		P	15:37:59.905		40.8		4.92		TAS		175.6	2.57	m_e	MBB 6.2
GRA1	88.22		P	15:38:01.850		40.8		4.92		TAS		81.5	1.54	m_e	MBB 6.4
GRA1	88.22		PP	15:41:28.889		34.2		7.36		TAS				m_e	
GRA1	88.22		L	16:21:31.930						T__		4091.5	18.90	a_e	Ms 5.9
GTTG	87.33		P	15:37:56.488	-0.8	40.8		4.92		TAS		60.3	1.21	m_e	MBB 6.2
MOX	87.34		L	16:15:37.070						T__		2322.2	21.80	a_e	Ms 5.5
RJOB	89.00		P	15:38:06.295		40.8		4.92		TAS		118.6	1.00	m_e	MBB 6.8
STU	89.78		P	15:38:09.612		40.8		4.92		TAS		89.6	1.58	m_e	MBB 6.3
TANN	87.15		P	15:37:55.776		40.8		4.92		TAS		250.2	2.59	m_e	MBB 6.1
WERD	87.19		P	15:37:55.965		40.8		4.92		TAS		119.7	2.01	m_e	MBB 6.0
WERN	87.28		P	15:37:56.392		40.8		4.92		TAS		430.3	3.07	m_e	MBB 6.0

Event 50901011 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/01	16:08:25.50			-29.7400	178.7900				568.0			5		154.41	160.07	m i ke	EMSC
OrigID 50901043																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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AHRW	158.31	PKPab	16:27:56.662	0.1	27.4	4.34	TAS	m_e
ASSE	155.96	PKPab	16:27:46.661	0.3	27.4	4.34	TAS	m_e
BFO	160.04	PKPab	16:28:04.448		27.4	4.34	TAS	m_e
BRG	156.03	PKPab	16:27:46.926	0.3	27.4	4.34	TAS	m_e
BSEG	154.41	PKPab	16:27:39.963	-0.1	27.4	4.34	TAS	m_e
BUG	157.42	PKPab	16:27:52.505	0.6	27.4	4.34	TAS	m_e
CLL	155.98	PKPab	16:27:46.549	0.1	27.4	4.34	TAS	m_e
CLZ	156.30	PKPab	16:27:48.340	0.2	27.4	4.34	TAS	m_e
FBE	156.19	PKPab	16:27:47.886	0.2	27.4	4.34	TAS	m_e
FLT1	155.63	PKPab	16:27:44.795	-0.2	27.4	4.34	TAS	m_e
FUR	159.25	PKPab	16:28:01.350	-0.2	27.4	4.34	TAS	m_e
GEC2	157.78	PKPab	16:27:54.348	-0.3	27.4	4.34	TAS	m_e
GRA1	157.95	PKPab	16:27:55.821	-0.4	27.4	4.34	TAS	m_e
GTTG	156.68	PKPab	16:27:49.952	0.1	27.4	4.34	TAS	m_e
GUNZ	157.01	PKPab	16:27:51.548	-0.9	27.4	4.34	TAS	m_e
KAST	157.38	PKPab	16:27:52.515	-0.8	27.4	4.34	TAS	m_e
MANZ	157.41	PKPab	16:27:52.112	-0.1	27.4	4.34	TAS	m_e
MILB	158.41	PKPab	16:27:57.349	0.4	27.4	4.34	TAS	m_e
MOX	157.00	PKPab	16:27:51.136	-0.3	27.4	4.34	TAS	m_e
NEUB	156.47	PKPab	16:27:48.900	0.2	27.4	4.34	TAS	m_e
NRDL	155.78	PKPab	16:27:45.655	0.1	27.4	4.34	TAS	m_e
PLN	156.96	PKPab	16:27:51.147	0.0	27.4	4.34	TAS	m_e
RJOB	159.03	PKPab	16:28:00.214	0.2	27.4	4.34	TAS	m_e
ROTZ	157.56	PKPab	16:27:54.082	0.0	27.4	4.34	TAS	m_e
STU	159.40	PKPab	16:28:01.865		27.4	4.34	TAS	m_e
TANN	156.92	PKPab	16:27:51.029	0.3	27.4	4.34	TAS	m_e
TNS	158.28	PKPab	16:27:56.664	0.3	27.4	4.34	TAS	m_e
UBBA	157.32	PKPab	16:27:52.438	0.4	27.4	4.34	TAS	m_e
UBR	160.07	PKPab	16:28:04.335		27.4	4.34	TAS	m_e
WERD	156.95	PKPab	16:27:51.152	0.5	27.4	4.34	TAS	m_e
WERN	157.06	PKPab	16:27:51.909	-0.7	27.4	4.34	TAS	m_e
WET	157.84	PKPab	16:27:55.005	0.2	27.4	4.34	TAS	m_e
WLF	159.33	PKPab	16:28:01.572		27.4	4.34	TAS	m_e

Event 50901012 Mexico-Guatemala border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/01	17:04:19.36			15.6380	-91.9180				111.2	2.2		24		83.53	88.30	m i ke	BGR
50901018																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50901018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	85.33		pP	17:17:11.727	0.3	290.0		4.94		TAS					m_e
BRG	87.68		pP	17:17:22.975		290.0		4.94		TAS					m_e

BRG	87.68	sP	17:17:36.421	290.4	4.18	TAS											m_e
BSEG	84.53	pP	17:17:07.649	0.3 290.0	4.94	TAS											m_e
BUG	83.53	pP	17:17:02.397	0.0 290.0	4.94	TAS											m_e
CLL	86.97	pP	17:17:19.433	290.0	4.94	TAS											m_e
CLZ	85.25	pP	17:17:11.528	-0.1 290.0	4.94	TAS											m_e
FBE	87.32	pP	17:17:21.475	290.0	4.94	TAS											m_e
FLT1	85.59	pP	17:17:12.563	0.1 290.0	4.94	TAS											m_e
GEC2	88.30	pP	17:17:25.963	290.0	4.94	TAS											m_e
GEC2	88.30	sP	17:17:39.326	290.4	4.18	TAS											m_e
GRA1	86.48	P	17:16:49.388			T__					23.9	1.70	m_e	mb			5.0
GRA1	86.48	pP	17:17:17.630	0.2 290.0	4.94	TAS					22.1	1.50	m_e	mb			5.1
GTTG	85.10	pP	17:17:10.709	0.1 290.0	4.94	TAS											m_e
GUNZ	86.91	pP	17:17:19.540	290.0	4.94	TAS											m_e
KAST	84.29	pP	17:17:06.311	0.2 290.0	4.94	TAS											m_e
MANZ	86.91	sP	17:17:33.408	290.4	4.18	TAS											m_e
MILB	85.25	P	17:16:42.261			T__					64.7	1.88	m_e	mb			5.5
MILB	85.25	pP	17:17:11.251	-0.1 290.0	4.94	TAS											m_e
MOX	86.39	pP	17:17:16.747	0.2 290.0	4.94	TAS											m_e
NRDL	84.88	pP	17:17:09.638	0.1 290.0	4.94	TAS											m_e
PLN	86.77	pP	17:17:18.775	-0.3 290.0	4.94	TAS											m_e
RJOB	88.14	sP	17:17:38.403	290.4	4.18	TAS											m_e
ROTZ	87.05	pP	17:17:20.375	290.0	4.94	TAS											m_e
TANN	86.97	pP	17:17:19.976	290.0	4.94	TAS											m_e
TNS	84.61	P	17:16:39.086			T__					22.3	1.32	m_e	mb			5.2
TNS	84.61	pP	17:17:08.081	-0.0 290.0	4.94	TAS											m_e
UBBA	85.36	pP	17:17:11.877	0.0 290.0	4.94	TAS											m_e
UBR	86.46	pP	17:17:17.114	0.0 290.0	4.94	TAS											m_e
WERN	86.97	pP	17:17:19.829	290.0	4.94	TAS											m_e
WET	87.68	pP	17:17:23.504	290.0	4.94	TAS											m_e
WET	87.68	sP	17:17:36.586	290.4	4.18	TAS											m_e

Event 50901014 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/01	23:06:28.90			-19.2700	167.6300				26.0			7		144.94	146.51	m i ke	NEIC
50901053																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	146.51		PKPbc	23:26:06.705		40.3		3.11		TAS					m_e
FUR	145.39		PKPbc	23:26:03.662		40.3		3.11		TAS					m_e
MILB	144.94		PKPbc	23:26:01.935		40.3		3.11		TAS					m_e
RJOB	145.00		PKPbc	23:26:02.226		40.3		3.11		TAS					m_e
STU	145.81		PKPbc	23:26:04.896		40.3		3.11		TAS					m_e
UBR	146.27		PKPbc	23:26:06.159		40.3		3.11		TAS					m_e

WLF 146.24 PKPbc 23:26:06.647 40.3 3.11 TAS m_e

Event 50902001 Owen Fracture Zone region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/02	01:13:53.20			14.0700	53.9700				10.0					49.72	49.72	m i ke	EMSC

Magnitude Err Nsta Author OrigID
 mb 5.0 BGR 50902007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	49.72		P	01:22:48.789		120.3		8.73		TAS		51.9	2.43	m_e mb	5.0

Event 50902002 Celebes Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/02	01:18:31.20			4.4600	124.6400				326.0				30	98.98	104.50	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
ASSE	100.89		Pdiff	01:31:43.415	-0.2	70.4		4.47		TAS				m_e	
BFO	103.73		Pdiff	01:31:55.004		70.4		4.47		TAS				m_e	
BRG	99.41		Pdiff	01:31:36.739	0.1	70.4		4.47		TAS				m_e	
BSEG	100.40		Pdiff	01:31:41.298	-0.0	70.4		4.47		TAS				m_e	
CLL	99.82		Pdiff	01:31:38.201	0.1	70.4		4.47		TAS				m_e	
CLZ	101.17		Pdiff	01:31:44.862	0.3	70.4		4.47		TAS				m_e	
FBE	99.75		Pdiff	01:31:38.290	-0.3	70.4		4.47		TAS				m_e	
FLT1	100.49		Pdiff	01:31:40.998	-0.1	70.4		4.47		TAS				m_e	
FUR	101.97		Pdiff	01:31:47.909	0.1	70.4		4.47		TAS				m_e	
GEC2	100.22		Pdiff	01:31:40.112	-0.3	70.4		4.47		TAS				m_e	
GRA1	101.45		Pdiff	01:31:46.028	0.1	70.4		4.47		TAS				m_e	
GRA1	101.45		PP	01:35:55.163		75.3		7.22		TAS				m_e	
GTTG	101.51		Pdiff	01:31:46.467	0.1	70.4		4.47		TAS				m_e	
GUNZ	100.55		Pdiff	01:31:41.905	0.0	70.4		4.47		TAS				m_e	
KAST	102.54		Pdiff	01:31:50.909	-0.8	70.4		4.47		TAS				m_e	
MANZ	100.81		Pdiff	01:31:42.291	-0.1	70.4		4.47		TAS				m_e	
MOX	100.88		Pdiff	01:31:43.151	0.2	70.4		4.47		TAS				m_e	
NEUB	100.59		Pdiff	01:31:42.011	0.3	70.4		4.47		TAS				m_e	
NRDL	101.07		Pdiff	01:31:44.571	0.2	70.4		4.47		TAS				m_e	
PLN	100.61		Pdiff	01:31:41.996	-0.6	70.4		4.47		TAS				m_e	

RJOB	101.15	Pdiff	01:31:43.977	0.3	70.4	4.47	TAS	m_e
ROTZ	100.83	Pdiff	01:31:43.113	-0.0	70.4	4.47	TAS	m_e
RUE	98.98	Pdiff	01:31:35.012	0.1	70.4	4.47	TAS	m_e
STU	103.03	Pdiff	01:31:52.811		70.4	4.47	TAS	m_e
TANN	100.45	Pdiff	01:31:41.252	-0.7	70.4	4.47	TAS	m_e
TNS	102.91	Pdiff	01:31:52.485		70.4	4.47	TAS	m_e
UBR	102.87	Pdiff	01:31:51.786		70.4	4.47	TAS	m_e
WERD	100.53	Pdiff	01:31:41.510	0.3	70.4	4.47	TAS	m_e
WERN	100.55	Pdiff	01:31:41.943	0.2	70.4	4.47	TAS	m_e
WET	100.63	Pdiff	01:31:42.219	0.2	70.4	4.47	TAS	m_e
WLF	104.50	Pdiff	01:31:59.800		70.4	4.47	TAS	49.1 1.20 m_e

Event 50902004 Near south coast of western Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/02	07:08:00.57			34.7320	133.2900				29.8					81.53	81.53	m i ke	BGR
OrigID																	
50902010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50902010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.53		P	07:20:13.689		51.6		4.78		TAS		8.0	0.96	m_e mb	4.8
GRA1	81.53		pP	07:20:22.316						T__				m_e	

Event 50902005 Owen Fracture Zone region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/02	07:20:30.20			14.2200	53.9000				2.0				14	47.73	52.47	m i ke	EMSC
OrigID																	
50902037																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50902011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	52.31		P	07:29:43.688		124.7		7.97		TAS		103.4	2.51	m_e mb	5.3
BFO	50.59		P	07:29:27.311		124.7		7.97		TAS		72.7	2.02	m_e mb	5.3
CLZ	51.12		P	07:29:34.677		124.7		7.97		TAS		80.1	2.10	m_e mb	5.3
GEC2	47.73		P	07:29:08.187	1.1	124.7		7.97		TAS		47.6	2.06	m_e mb	5.3
GRA1	49.56		P	07:29:19.139		124.7		7.97		TAS		27.5	1.43	m_e mb	5.0
GUNZ	49.30		P	07:29:20.720	-0.2	124.7		7.97		TAS		56.2	1.84	m_e mb	5.3
MOX	49.83		P	07:29:22.308		124.7		7.97		TAS		51.7	1.86	m_e mb	5.1
NEUB	50.04		P	07:29:26.264		124.7		7.97		TAS		98.2	1.87	m_e mb	5.4

NRDL	51.60	P	07:29:38.546	124.7	7.97	TAS	48.8	1.63	m_e mb	5.2
PLN	49.46	P	07:29:21.602	124.7	7.97	TAS	42.9	1.84	m_e mb	5.2
ROTZ	49.05	P	07:29:18.068	-1.9 124.7	7.97	TAS	62.5	2.33	m_e mb	5.2
TNS	51.39	P	07:29:35.783	124.7	7.97	TAS	15.4	0.34	m_e mb	5.4
WERN	49.23	P	07:29:20.266	0.2 124.7	7.97	TAS	64.7	1.91	m_e mb	5.3
WLF	52.47	P	07:29:44.394	124.7	7.97	TAS	52.9	1.90	m_e mb	5.1

Event 50902006 East of Lake Baykal, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/02	19:46:52.90			56.8200	115.7400				16.0					56.93	56.93	m i ke	NEIC
OrigID 50902045																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50902012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	56.93		P	19:56:42.665		39.4		6.17		TAS		9.9	0.98	m_e mb	4.8

Event 50902007 Near coast of Michoacan, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/02	20:25:45.00			18.9800	-103.9000				89.0				9	90.86	90.86	m i ke	NEIC
OrigID 50902046																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50902013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	90.86		P	20:38:39.115		296.4		4.46		TAS		6.3	1.03	m_e mb	4.9

Event 50903002 Egypt

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/03	01:44:36.54			30.6660	29.3670				10.0				22	21.71	25.91	m i ke	BGR
OrigID 50903008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50903008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	25.91		P	01:50:09.539		137.6		9.94		TAS		25.5	0.97	m_e mb	4.8
ASSE	25.48		P	01:50:06.358		137.6		9.94		TAS		21.0	1.21	m_e mb	4.7
BFO	23.84		P	01:49:50.821	-0.6	137.6		9.94		TAS		14.6	1.15	m_e mb	4.4
CLL	23.93		P	01:49:51.844	-0.6	137.6		9.94		TAS		10.0	0.94	m_e mb	4.3
CLZ	25.38		P	01:50:05.330		137.6		9.94		TAS		18.1	1.17	m_e mb	4.7
FBE	23.49		P	01:49:47.936	0.8	137.6		9.94		TAS		12.0	0.66	m_e mb	4.6
FLT1	25.41		P	01:50:05.321		137.6		9.94		TAS		30.5	1.08	m_e mb	4.9
GEC2	21.71		P	01:49:28.859	-0.9	137.6		9.94		TAS		16.1	0.72	m_e mb	4.5
GRA1	23.41		P	01:49:45.765	1.8	137.6		9.94		TAS		14.6	1.04	m_e mb	4.4
GUNZ	23.45		P	01:49:46.784	1.1	137.6		9.94		TAS		14.3	1.05	m_e mb	4.4
KAST	25.75		P	01:50:09.435		137.6		9.94		TAS		12.3	0.90	m_e mb	4.5
MILB	24.38		P	01:49:56.968	0.7	137.6		9.94		TAS		23.2	1.10	m_e mb	4.6
MOX	23.96		P	01:49:52.534	-0.4	137.6		9.94		TAS		12.3	1.10	m_e mb	4.3
NEUB	24.32		P	01:49:55.302	-0.3	137.6		9.94		TAS		24.9	0.92	m_e mb	4.7
PLN	23.62		P	01:49:50.198	0.0	137.6		9.94		TAS		29.0	1.59	m_e mb	4.6
ROTZ	23.05		P	01:49:41.925	-0.8	137.6		9.94		TAS		9.5	1.08	m_e mb	4.2
STU	23.70		P	01:49:49.930	0.9	137.6		9.94		TAS		30.0	0.98	m_e mb	4.8
TANN	23.44		P	01:49:46.655	1.0	137.6		9.94		TAS		18.1	0.95	m_e mb	4.6
UBR	22.52		P	01:49:35.841	-0.4	137.6		9.94		TAS		15.4	0.62	m_e mb	4.7
WERN	23.38		P	01:49:45.639	1.2	137.6		9.94		TAS		13.7	0.95	m_e mb	4.5
WET	22.29		P	01:49:34.455	-0.9	137.6		9.94		TAS		16.4	0.78	m_e mb	4.5
WLF	25.80		P	01:50:09.915		137.6		9.94		TAS		16.9	0.88	m_e mb	4.7

Event 50903003 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/03	01:45:05.20			45.6800	151.9100				34.0	0.7		11		76.69	79.05	m i ke	NEIC
50903042																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50903009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	77.19		P	01:56:54.985		26.9		5.91		TAS		6.7	1.60	m_e mb	4.5
BRG	77.19		pP	01:57:07.699	0.1	26.9		5.91		TAS				m_e	
BUG	78.56		pP	01:57:15.186		26.9		5.91		TAS				m_e	
CLL	77.09		P	01:56:54.322		26.9		5.91		TAS		13.1	1.32	m_e mb	4.9
CLL	77.09		pP	01:57:06.833	0.1	26.9		5.91		TAS				m_e	
CLZ	77.37		pP	01:57:09.205		26.9		5.91		TAS				m_e	
FLT1	76.69		pP	01:57:04.468	-0.1	26.9		5.91		TAS				m_e	
GRA1	79.05		P	01:57:05.774		26.9		5.91		TAS		22.2	1.52	m_e mb	5.0
GRA1	79.05		pP	01:57:18.679		26.9		5.91		TAS				m_e	
MANZ	78.52		pP	01:57:15.629		26.9		5.91		TAS				m_e	
MOX	78.08		pP	01:57:12.875		26.9		5.91		TAS				m_e	
NEUB	77.55		pP	01:57:09.671		26.9		5.91		TAS				m_e	

ROTZ	78.69	pP	01:57:16.609	26.9	5.91	TAS	m_e
WERN	78.18	pP	01:57:13.486	26.9	5.91	TAS	m_e

Event 50903004 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/03	07:32:48.66			-15.9790	-174.2300				241.2	0.6		24		144.03	148.19	m i ke	BGR
50903010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	145.51		PKPbc	07:51:56.936		9.4		3.21		TAS					m_e
BFO	147.67		PKPdf	07:52:00.711		11.9		1.54		TAS					m_e
BFO	147.67		PKPbc	07:52:03.503		9.4		3.21		TAS					m_e
BRG	144.58		PKPbc	07:51:53.452	0.4	9.4		3.21		TAS					m_e
BUG	144.60		PKPbc	07:51:53.304	-0.0	9.4		3.21		TAS					m_e
CLL	144.28		PKPbc	07:51:52.094	0.1	9.4		3.21		TAS					m_e
CLZ	144.03		PKPbc	07:51:51.813	0.2	9.4		3.21		TAS					m_e
FBE	144.62		PKPbc	07:51:53.852	0.4	9.4		3.21		TAS					m_e
FUR	147.59		PKPdf	07:52:00.660		11.9		1.54		TAS					m_e
FUR	147.59		PKPbc	07:52:03.279		9.4		3.21		TAS					m_e
FUR	147.59		pPKPbc	07:53:03.981		8.7		2.97		TAS					m_e
GEC2	146.59		PKPdf	07:51:58.902		11.9		1.54		TAS					m_e
GEC2	146.59		pPKPbc	07:53:01.407		8.7		2.97		TAS					m_e
GRA1	146.09		PKPbc	07:51:59.140		9.4		3.21		TAS					m_e
GRA1	146.09		pPKPbc	07:52:59.591		8.7		2.97		TAS					m_e
GTTG	144.36		PKPbc	07:51:53.061	0.3	9.4		3.21		TAS					m_e
GUNZ	145.29		PKPbc	07:51:56.276	-0.6	9.4		3.21		TAS					m_e
KAST	144.80		PKPbc	07:51:54.447	0.7	9.4		3.21		TAS					m_e
MOX	145.10		PKPbc	07:51:55.208	0.2	9.4		3.21		TAS					m_e
PLN	145.19		PKPbc	07:51:55.693	-0.0	9.4		3.21		TAS					m_e
RJOB	147.80		PKPdf	07:52:00.735		11.9		1.54		TAS					m_e
RJOB	147.80		PKPbc	07:52:03.642		9.4		3.21		TAS					m_e
ROTZ	145.90		PKPbc	07:51:58.336		9.4		3.21		TAS					m_e
ROTZ	145.90		pPKPbc	07:52:58.917		8.7		2.97		TAS					m_e
STU	147.18		PKPdf	07:52:00.038		11.9		1.54		TAS					m_e
STU	147.18		PKPbc	07:52:02.271		9.4		3.21		TAS					m_e
TANN	145.23		PKPbc	07:51:55.840	-0.5	9.4		3.21		TAS					m_e
TNS	145.78		PKPbc	07:51:58.027		9.4		3.21		TAS					m_e
UBBA	145.08		PKPbc	07:51:55.135	0.4	9.4		3.21		TAS					m_e
UBR	148.19		PKPdf	07:52:01.412		11.9		1.54		TAS					m_e
UBR	148.19		PKPbc	07:52:04.691		9.4		3.21		TAS					m_e
WERD	145.22		PKPbc	07:51:55.914	-0.2	9.4		3.21		TAS					m_e
WERN	145.37		PKPbc	07:51:56.617		9.4		3.21		TAS					m_e
WET	146.42		PKPdf	07:51:58.583		11.9		1.54		TAS					m_e

WET	146.42	pPKPbc	07:53:00.932	8.7	2.97	TAS	m_e
WLF	146.40	PKPbc	07:52:00.339	9.4	3.21	TAS	m_e
WLF	146.40	pPKPbc	07:53:00.944	8.7	2.97	TAS	m_e

Event 50903006 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/03	16:51:56.55			37.6800	144.1490				48.6	0.9		35		78.90	85.78	m i ke	BGR
	50903012																

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50903012
Ms	5.2		BGR	50903012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.38		P	17:04:21.521	0.2	35.7		5.14		TAS		63.8	1.36	m_e mb	5.7
AHRW	84.38		pP	17:04:35.756	0.0	35.9		5.19		TAS				m_e	
ASSE	81.80		P	17:04:08.171	0.2	35.7		5.14		TAS		31.7	1.45	m_e mb	5.2
ASSE	81.80		pP	17:04:22.364	0.4	35.9		5.19		TAS				m_e	
BFO	85.78		P	17:04:28.403		35.7		5.14		TAS		71.2	1.36	m_e mb	5.6
BFO	85.78		pP	17:04:42.593		35.9		5.19		TAS				m_e	
BRG	81.58		P	17:04:07.126	-0.1	35.7		5.14		TAS		44.3	1.49	m_e mb	5.4
BRG	81.58		pP	17:04:21.222	0.1	35.9		5.19		TAS				m_e	
BSEG	80.45		P	17:04:01.270	-0.1	35.7		5.14		TAS		82.0	1.45	m_e mb	5.5
BSEG	80.45		pP	17:04:15.555	-0.4	35.9		5.19		TAS				m_e	
BUG	83.56		P	17:04:17.057	0.2	35.7		5.14		TAS		70.6	1.60	m_e mb	5.6
BUG	83.56		pP	17:04:31.328	-0.1	35.9		5.19		TAS				m_e	
CLL	81.60		P	17:04:07.015	-0.3	35.7		5.14		TAS		63.7	1.28	m_e mb	5.6
CLL	81.60		pP	17:04:21.069	0.2	35.9		5.19		TAS				m_e	
CLZ	82.14		P	17:04:10.502	0.1	35.7		5.14		TAS		75.8	1.31	m_e mb	5.7
CLZ	82.14		pP	17:04:24.526	0.2	35.9		5.19		TAS				m_e	
FBE	81.77		P	17:04:08.446	-0.1	35.7		5.14		TAS		72.6	1.39	m_e mb	5.6
FBE	81.77		pP	17:04:22.461	-0.0	35.9		5.19		TAS				m_e	
FLT1	81.43		P	17:04:05.927	0.2	35.7		5.14		TAS		75.7	1.33	m_e mb	5.6
FLT1	81.43		pP	17:04:20.049	-0.3	35.9		5.19		TAS				m_e	
FUR	84.80		P	17:04:23.949	-0.4	35.7		5.14		TAS		52.8	1.11	m_e mb	5.7
FUR	84.80		pP	17:04:37.932	0.1	35.9		5.19		TAS				m_e	
GEC2	83.29		P	17:04:15.682	-0.2	35.7		5.14		TAS		30.5	1.48	m_e mb	5.3
GEC2	83.29		pP	17:04:29.807	0.0	35.9		5.19		TAS				m_e	
GRA1	83.58		P	17:04:17.948	-0.0	35.7		5.14		TAS		123.7	1.44	m_e mb	5.9
GRA1	83.58		pP	17:04:32.000	-0.0	35.9		5.19		TAS				m_e	
GRA1	83.58		PP	17:07:27.912		37.7		8.46		TAS				m_e	
GRA1	83.58		L	17:48:08.630						T__		746.8	18.50	a_e Ms	5.1
GTTG	82.53		P	17:04:12.244	-0.1	35.7		5.14		TAS		38.1	1.22	m_e mb	5.5
GTTG	82.53		pP	17:04:26.313	0.1	35.9		5.19		TAS				m_e	
GUNZ	82.61		P	17:04:12.647	0.1	35.7		5.14		TAS		38.9	1.47	m_e mb	5.4

GUNZ	82.61	pP	17:04:26.682	-0.0	35.9	5.19	TAS						m_e	
IBBN	82.67	P	17:04:12.941	-0.3	35.7	5.14	TAS	51.6	1.27	m_e	mb	5.6		
IBBN	82.67	pP	17:04:26.973	0.3	35.9	5.19	TAS						m_e	
KAST	83.36	P	17:04:16.387	-0.1	35.7	5.14	TAS	66.5	1.94	m_e	mb	5.5		
KAST	83.36	pP	17:04:30.493	-0.1	35.9	5.19	TAS						m_e	
LNIZ	79.41	P	17:03:55.915	-0.0	35.7	5.14	TAS	195.5	1.44	m_e	mb	5.9		
LNIZ	79.41	pP	17:04:09.891	-0.1	35.9	5.19	TAS						m_e	
MANZ	83.00	P	17:04:14.589	0.2	35.7	5.14	TAS	31.8	1.48	m_e	mb	5.3		
MANZ	83.00	pP	17:04:28.609	-0.1	35.9	5.19	TAS						m_e	
MILB	84.18	P	17:04:20.504	-0.0	35.7	5.14	TAS	86.0	1.93	m_e	mb	5.7		
MILB	84.18	pP	17:04:34.599	0.1	35.9	5.19	TAS						m_e	
MOX	82.65	P	17:04:12.589	-0.2	35.7	5.14	TAS	118.9	2.23	m_e	mb	5.7		
MOX	82.65	pP	17:04:26.771	0.0	35.9	5.19	TAS						m_e	
MOX	82.65	L	17:47:30.190				T_	1273.3	18.00	a_e	Ms	5.3		
NEUB	82.15	P	17:04:09.845	0.0	35.7	5.14	TAS	80.8	1.27	m_e	mb	5.7		
NEUB	82.15	pP	17:04:24.186	-0.2	35.9	5.19	TAS						m_e	
NRDL	81.70	pP	17:04:21.925	0.0	35.9	5.19	TAS						m_e	
PLN	82.58	P	17:04:12.345	0.2	35.7	5.14	TAS	34.9	1.52	m_e	mb	5.4		
PLN	82.58	pP	17:04:26.325	0.2	35.9	5.19	TAS						m_e	
RGN	78.90	pP	17:04:07.131	-0.2	35.9	5.19	TAS						m_e	
RJOB	84.54	P	17:04:22.560	-0.6	35.7	5.14	TAS	202.8	1.46	m_e	mb	6.1		
RJOB	84.54	pP	17:04:36.603	-0.1	35.9	5.19	TAS						m_e	
ROTZ	83.14	P	17:04:15.600	0.1	35.7	5.14	TAS	88.6	1.63	m_e	mb	5.7		
ROTZ	83.14	pP	17:04:29.628	-0.2	35.9	5.19	TAS						m_e	
RUE	80.38	P	17:04:00.997	-0.5	35.7	5.14	TAS	118.8	1.50	m_e	mb	5.6		
RUE	80.38	pP	17:04:14.925	0.2	35.9	5.19	TAS						m_e	
STU	85.09	P	17:04:25.216		35.7	5.14	TAS	137.2	1.26	m_e	mb	6.0		
STU	85.09	pP	17:04:39.330	-0.4	35.9	5.19	TAS						m_e	
TANN	82.52	P	17:04:11.890	0.3	35.7	5.14	TAS	42.3	1.70	m_e	mb	5.4		
TANN	82.52	pP	17:04:25.848	-0.1	35.9	5.19	TAS						m_e	
TNS	84.16	P	17:04:20.539	0.2	35.7	5.14	TAS	45.0	1.54	m_e	mb	5.5		
TNS	84.16	pP	17:04:34.624	0.0	35.9	5.19	TAS						m_e	
UBBA	83.11	P	17:04:14.799	0.5	35.7	5.14	TAS	76.3	1.99	m_e	mb	5.6		
UBBA	83.11	pP	17:04:29.018	0.1	35.9	5.19	TAS						m_e	
UBR	85.64	P	17:04:27.501		35.7	5.14	TAS	23.4	1.40	m_e	mb	5.1		
WERN	82.65	P	17:04:12.982	0.4	35.7	5.14	TAS	128.2	2.22	m_e	mb	5.8		
WERN	82.65	pP	17:04:26.998	0.1	35.9	5.19	TAS						m_e	
WET	83.38	P	17:04:16.662	0.1	35.7	5.14	TAS	59.9	1.71	m_e	mb	5.5		
WET	83.38	pP	17:04:30.652	0.4	35.9	5.19	TAS						m_e	
WLF	85.44	P	17:04:27.228		35.7	5.14	TAS	108.6	1.60	m_e	mb	5.8		
WLF	85.44	pP	17:04:41.347		35.9	5.19	TAS						m_e	

Event 50903007 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
2015/09/03	19:52:29.10			34.7090	140.7050				131.5				24	80.69	85.61	m i ke	BGR

50903013

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50903013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	83.13		P	20:04:38.404	0.2	39.6		5.02		TAS				m_e	
BRG	82.75		P	20:04:36.575	-0.1	39.6		5.02		TAS		9.4	0.99	m_e mb	5.0
BUG	84.98		P	20:04:47.153		39.6		5.02		TAS		16.4	0.93	m_e mb	5.2
CLL	82.82		P	20:04:36.725	0.0	39.6		5.02		TAS		20.2	0.96	m_e mb	5.3
CLZ	83.47		P	20:04:40.493	0.4	39.6		5.02		TAS		14.0	1.00	m_e mb	5.1
FBE	82.97		P	20:04:37.955	0.0	39.6		5.02		TAS		29.1	1.10	m_e mb	5.4
FLT1	82.75		P	20:04:36.165	0.3	39.6		5.02		TAS		13.0	1.10	m_e mb	5.1
GEC2	84.38		P	20:04:44.437	-0.3	39.6		5.02		TAS		8.1	0.97	m_e mb	4.9
GRA1	84.79		P	20:04:47.131		39.6		5.02		TAS		18.7	0.94	m_e mb	5.3
GRA1	84.79		pP	20:05:20.437						T__				m_e	
GTTG	83.86		P	20:04:42.553	0.3	39.6		5.02		TAS		15.0	0.87	m_e mb	5.2
GUNZ	83.81		P	20:04:42.112	0.1	39.6		5.02		TAS		11.5	0.86	m_e mb	5.1
IBBN	84.10		P	20:04:43.407	-0.6	39.6		5.02		TAS		18.8	0.71	m_e mb	5.4
KAST	84.73		P	20:04:46.674		39.6		5.02		TAS		11.9	0.85	m_e mb	5.1
LNIZ	80.69		P	20:04:26.167	-0.1	39.6		5.02		TAS		15.5	0.84	m_e mb	5.1
MANZ	84.19		P	20:04:43.968	0.2	39.6		5.02		TAS		9.3	0.83	m_e mb	5.0
MOX	83.89		P	20:04:42.362	0.0	39.6		5.02		TAS		10.1	1.08	m_e mb	5.0
NEUB	83.41		P	20:04:39.825	0.0	39.6		5.02		TAS		25.0	0.94	m_e mb	5.4
PLN	83.79		P	20:04:41.870	0.1	39.6		5.02		TAS		8.5	1.12	m_e mb	4.9
RJOB	85.61		P	20:04:50.717		39.6		5.02		TAS		21.6	1.15	m_e mb	5.2
ROTZ	84.32		P	20:04:44.633	-0.0	39.6		5.02		TAS		9.1	0.97	m_e mb	5.0
TANN	83.72		P	20:04:41.500	0.1	39.6		5.02		TAS		10.8	1.21	m_e mb	5.0
TNS	85.50		P	20:04:50.327		39.6		5.02		TAS		9.0	0.99	m_e mb	5.0
WERN	83.85		P	20:04:42.404	-0.3	39.6		5.02		TAS		11.9	0.87	m_e mb	5.1
WET	84.51		P	20:04:45.441		39.6		5.02		TAS		2.9	0.82	m_e mb	4.5

Event 50903008 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/03	22:19:37.25		40.3670	144.7430					33.0			19		78.23	83.62	m i ke	BGR
			50903014														

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50903014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	83.62		P	22:32:00.463		34.0		5.31		TAS		11.2	1.25	m_e mb	5.0
BRG	79.47		P	22:31:38.445	0.2	34.0		5.31		TAS		7.1	1.10	m_e mb	4.6
BSEG	78.23		P	22:31:32.520	0.1	34.0		5.31		TAS		17.5	1.09	m_e mb	5.1
CLL	79.46		P	22:31:38.343	0.0	34.0		5.31		TAS		10.9	0.89	m_e mb	4.9

CLZ	79.95	P	22:31:41.735	-0.4	34.0	5.31	TAS	15.7	1.10	m_e	mb	4.9
FBE	79.65	P	22:31:39.875	-0.3	34.0	5.31	TAS	12.2	0.90	m_e	mb	4.8
FLT1	79.25	P	22:31:37.127	0.0	34.0	5.31	TAS	15.5	1.14	m_e	mb	4.9
GEC2	81.20	P	22:31:47.637		34.0	5.31	TAS	4.3	0.98	m_e	mb	4.4
GRA1	81.44	P	22:31:49.671		34.0	5.31	TAS	17.3	0.96	m_e	mb	5.1
GUNZ	80.48	P	22:31:44.307	0.1	34.0	5.31	TAS	11.9	1.50	m_e	mb	4.6
KAST	81.15	P	22:31:47.279		34.0	5.31	TAS	40.0	1.88	m_e	mb	5.1
MANZ	80.87	P	22:31:46.181		34.0	5.31	TAS	5.1	0.90	m_e	mb	4.6
MILB	82.01	P	22:31:52.290		34.0	5.31	TAS	7.9	1.07	m_e	mb	4.8
MOX	80.51	P	22:31:44.305		34.0	5.31	TAS	16.9	1.52	m_e	mb	4.8
PLN	80.44	P	22:31:43.981	0.4	34.0	5.31	TAS	5.0	1.06	m_e	mb	4.4
RJOB	82.46	P	22:31:55.010		34.0	5.31	TAS	28.3	0.94	m_e	mb	5.4
ROTZ	81.01	P	22:31:47.212		34.0	5.31	TAS	9.2	1.09	m_e	mb	4.7
WET	81.27	P	22:31:48.463		34.0	5.31	TAS	12.0	1.28	m_e	mb	4.8
WLF	83.22	P	22:31:58.688		34.0	5.31	TAS	13.9	1.10	m_e	mb	5.1

Event 50904002 Iran-Turkmenistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/04	04:48:35.61			37.6900	55.7400				33.0			29		32.19	35.75	m i ke	BGR
50904008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50904008
Ms	5.0		BGR	50904008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	34.43		P	04:55:21.944		96.4		8.66		TAS		6.5	0.98	m_e	mb	4.5
BRG	32.25		P	04:55:02.278	-0.8	96.4		8.66		TAS		10.5	0.83	m_e	mb	4.8
BSEG	34.89		P	04:55:25.631		96.4		8.66		TAS				m_e		
CLL	32.89		P	04:55:08.259	-0.4	96.4		8.66		TAS				m_e		
FBE	32.62		P	04:55:06.012	1.4	96.4		8.66		TAS		32.7	0.87	m_e	mb	5.3
FLT1	34.12		P	04:55:19.163	-0.5	96.4		8.66		TAS				m_e		
FUR	33.77		P	04:55:15.421		96.4		8.66		TAS		21.5	0.76	m_e	mb	5.1
GEC2	32.19		P	04:55:02.790		96.4		8.66		TAS		66.4	0.89	m_e	mb	5.6
GRA1	33.87		P	04:55:16.697		96.4		8.66		TAS				m_e		
GRA1	33.87		L	05:06:54.589						T__		2744.5	21.90	a_e	Ms	4.9
GUNZ	33.21		P	04:55:11.520		96.4		8.66		TAS		5.9	0.78	m_e	mb	4.6
KAST	35.75		P	04:55:33.790		96.4		8.66		TAS		8.1	0.81	m_e	mb	4.6
LNIZ	32.54		P	04:55:04.563	-0.5	96.4		8.66		TAS				m_e		
MANZ	33.32		P	04:55:12.329		96.4		8.66		TAS		5.1	0.83	m_e	mb	4.5
MILB	35.13		P	04:55:28.553	-0.5	96.4		8.66		TAS				m_e		
MOX	33.69		P	04:55:14.961		96.4		8.66		TAS				m_e		
MOX	33.69		L	05:06:38.992						T__		3230.7	22.00	a_e	Ms	5.0
NEUB	33.65		P	04:55:15.226	0.2	96.4		8.66		TAS		39.8	0.74	m_e	mb	5.4
NRDL	34.82		P	04:55:25.495	-0.5	96.4		8.66		TAS				m_e		

RGN	33.28	P	04:55:10.904	-0.5	96.4	8.66	TAS									m_e	
RJOB	32.74	P	04:55:06.207		96.4	8.66	TAS									m_e	
ROTZ	33.24	P	04:55:10.533		96.4	8.66	TAS									m_e	
RUE	32.60	P	04:55:05.937	-1.2	96.4	8.66	TAS									m_e	
STU	35.17	P	04:55:27.566		96.4	8.66	TAS			104.5	0.88	m_e mb					5.8
TANN	33.13	P	04:55:11.865	-0.5	96.4	8.66	TAS									m_e	
TNS	35.69	P	04:55:33.499		96.4	8.66	TAS			9.8	0.84	m_e mb					4.7
UBBA	34.73	P	04:55:24.698		96.4	8.66	TAS			7.3	1.02	m_e mb					4.6
UBR	34.55	P	04:55:22.226	-0.5	96.4	8.66	TAS									m_e	
WERD	33.23	P	04:55:13.388		96.4	8.66	TAS			6.6	0.73	m_e mb					4.7
WERN	33.17	P	04:55:12.123		96.4	8.66	TAS									m_e	
WET	32.75	P	04:55:07.480		96.4	8.66	TAS			19.8	0.91	m_e mb					5.0

Event 50904003 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/04	04:49:33.39		31.8000	130.2100				33.0				22		80.57	84.38	m i ke	BGR
OrigID 50904009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50904009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.87		P	05:02:01.954		48.6		5.22		TAS		5.8	0.82	m_e mb	4.8
CLL	80.57		P	05:01:44.572		48.6		5.22		TAS				m_e	
CLZ	81.46		P	05:01:49.441	0.2	48.6		5.22		TAS		55.8	1.33	m_e mb	5.4
FBE	80.65		P	05:01:45.240		48.6		5.22		TAS				m_e	
FLT1	80.74		P	05:01:45.542		48.6		5.22		TAS		7.7	0.81	m_e mb	4.8
GEC2	81.80		P	05:01:51.101	-0.2	48.6		5.22		TAS		5.7	0.90	m_e mb	4.7
GRA1	82.49		P	05:01:54.807		48.6		5.22		TAS				m_e	
GTTG	81.85		P	05:01:51.348	-0.2	48.6		5.22		TAS				m_e	
GUNZ	81.50		P	05:01:49.597		48.6		5.22		TAS		7.7	0.89	m_e mb	4.8
IBBN	82.34		P	05:01:53.896		48.6		5.22		TAS		14.5	0.68	m_e mb	5.2
KAST	82.80		P	05:01:56.295		48.6		5.22		TAS				m_e	
MANZ	81.86		P	05:01:51.289		48.6		5.22		TAS				m_e	
MILB	83.33		P	05:01:59.269		48.6		5.22		TAS				m_e	
MOX	81.67		P	05:01:50.242	-0.2	48.6		5.22		TAS				m_e	
NEUB	81.23		P	05:01:48.032		48.6		5.22		TAS				m_e	
RJOB	82.98		P	05:01:57.588		48.6		5.22		TAS				m_e	
ROTZ	81.95		P	05:01:51.886		48.6		5.22		TAS		17.1	1.14	m_e mb	5.1
TNS	83.46		P	05:01:59.687		48.6		5.22		TAS		6.1	0.84	m_e mb	4.9
UBBA	82.32		P	05:01:53.758	-0.2	48.6		5.22		TAS				m_e	
UBR	84.38		P	05:02:04.154		48.6		5.22		TAS		4.1	0.82	m_e mb	4.7
WERN	81.53		P	05:01:49.505	-0.2	48.6		5.22		TAS		56.7	1.45	m_e mb	5.5
WET	82.02		P	05:01:52.217	-0.2	48.6		5.22		TAS				m_e	

Event 50904005 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/04	12:15:45.37			51.5320	-179.0470				33.0					78.78	78.78	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50904011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.78		P	12:27:44.236		8.1		4.80		TAS		6.3	0.84	m_e mb	4.7

Event 50904006 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/04	12:24:26.51			51.8830	-177.8380				33.0					78.51	78.51	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50904012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.51		P	12:36:23.907		3.9		4.73		TAS		20.0	0.96	m_e mb	5.1

Event 50904007 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/04	12:42:07.83			51.6190	-178.1110				33.0					78.76	78.76	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50904013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.76		P	12:54:05.443		5.9		4.75		TAS		20.2	1.19	m_e mb	5.0

Event 50904008 Andreanof Islands, Aleutian Islands, United States

./2015/bul1509.txt

Tue May 12 07:59:38 2020

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/04	16:52:11.13			51.0610	-176.2890				33.0					79.42	79.42	m i ke	BGR
OrigID 50904014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50904014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.42		P	17:04:12.405		3.0		4.66		TAS		17.7	1.23	m_e mb	5.0

Event 50905001 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/05	03:13:10.76			38.6320	143.4870				33.0					82.49	82.49	m i ke	BGR
OrigID 50905007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50905007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.49		P	03:25:28.761		38.7		4.43		TAS		23.0	1.40	m_e mb	5.1

Event 50905002 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/05	04:18:04.33			38.1360	143.6900				33.0					83.00	83.00	m i ke	BGR
OrigID 50905008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50905008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	83.00		P	04:30:24.996		37.2		4.31		TAS		7.2	0.92	m_e mb	4.9

Event 50905003 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/05	06:12:36.66			51.9370	-175.6150				33.0				31	74.38	80.64	m i ke	BGR
OrigID 50905009																	

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 50905009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.87		P	06:24:27.450	0.2	4.3		5.53		TAS		21.9	0.88	m_e	mb 5.3
ASSE	76.17		P	06:24:17.641	-0.0	4.3		5.53		TAS		8.9	0.94	m_e	mb 4.9
BFO	80.06		P	06:24:39.313	-1.1	4.3		5.53		TAS		10.2	0.84	m_e	mb 4.8
BRG	77.25		P	06:24:23.711	-0.1	4.3		5.53		TAS		10.6	0.83	m_e	mb 5.0
BSEG	74.38		P	06:24:08.024	-0.2	4.3		5.53		TAS		25.3	0.87	m_e	mb 5.3
BUG	76.97		P	06:24:22.454	0.0	4.3		5.53		TAS		14.8	0.94	m_e	mb 5.1
CLL	76.87		P	06:24:21.574	-0.4	4.3		5.53		TAS		10.4	0.83	a_e	mb 5.0
CLZ	76.47		P	06:24:19.508	0.4	4.3		5.53		TAS		25.5	0.88	m_e	mb 5.4
FBE	77.24		P	06:24:24.324	0.3	4.3		5.53		TAS		16.0	0.84	a_e	mb 5.2
FLT1	75.95		P	06:24:16.274	-0.6	4.3		5.53		TAS		13.2	0.82	m_e	mb 5.1
FUR	80.11		P	06:24:39.423	-0.1	4.3		5.53		TAS		11.9	0.71	m_e	mb 4.9
GEC2	79.28		P	06:24:34.999	0.1	4.3		5.53		TAS		5.8	0.80	m_e	mb 4.7
GRA1	78.58		P	06:24:31.145	0.5	4.3		5.53		TAS		27.8	0.87	m_e	mb 5.3
GTTG	76.78		P	06:24:21.138	0.3	4.3		5.53		TAS		30.9	0.96	m_e	mb 5.4
GUNZ	77.85		P	06:24:27.494	0.2	4.3		5.53		TAS		8.4	0.91	m_e	mb 4.9
IBBN	76.09		P	06:24:17.674	0.0	4.3		5.53		TAS		43.3	0.91	a_e	mb 5.6
KAST	77.18		P	06:24:23.774	0.1	4.3		5.53		TAS		8.1	0.93	a_e	mb 4.8
MANZ	78.24		P	06:24:29.674	0.1	4.3		5.53		TAS		6.4	0.90	a_e	mb 4.8
MILB	78.53		P	06:24:31.224	0.1	4.3		5.53		TAS		21.8	0.88	a_e	mb 5.2
MOX	77.61		P	06:24:25.682	0.1	4.3		5.53		TAS		13.8	0.88	m_e	mb 5.1
NEUB	77.06		P	06:24:23.074	0.1	4.3		5.53		TAS		29.2	0.90	a_e	mb 5.4
NRDL	75.83		P	06:24:16.024	-0.2	4.3		5.53		TAS		11.0	0.86	a_e	mb 5.0
RJOB	80.44		P	06:24:41.277	-0.1	4.3		5.53		TAS		21.8	0.82	m_e	mb 5.1
ROTZ	78.46		P	06:24:30.974	0.2	4.3		5.53		TAS		6.8	0.89	a_e	mb 4.8
STU	79.59		P	06:24:36.874	-0.1	4.3		5.53		TAS		35.4	0.83	a_e	mb 5.3
TANN	77.80		P	06:24:26.838	-0.7	4.3		5.53		TAS		7.5	1.00	m_e	mb 4.8
TNS	78.16		P	06:24:29.174	0.1	4.3		5.53		TAS		22.1	0.84	a_e	mb 5.3
UBR	80.64		P	06:24:42.412	0.0	4.3		5.53		TAS		9.5	1.08	m_e	mb 4.7
WERN	77.93		P	06:24:27.832	0.4	4.3		5.53		TAS		16.7	0.90	m_e	mb 5.2
WET	79.04		P	06:24:33.725	0.1	4.3		5.53		TAS		5.0	1.00	m_e	mb 4.5
WLF	78.77		P	06:24:32.674	0.3	4.3		5.53		TAS		12.7	0.82	a_e	mb 5.0

Event 50905004 Bering Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/05	06:33:36.07			55.5210	-174.7480				33.0			6		70.83	76.92	m i ke	BGR
50905010																	

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 50905010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	74.30		P	06:44:58.533		3.5		5.77		TAS		9.1	0.78	m_e	mb	4.9
ASSE	72.62		P	06:44:48.882		3.5		5.77		TAS		4.3	0.99	m_e	mb	4.5
BFO	76.49		P	06:45:10.450		3.5		5.77		TAS		3.8	0.73	m_e	mb	4.6
BRG	73.73		P	06:44:54.823		3.5		5.77		TAS		4.9	0.80	m_e	mb	4.6
BSEG	70.83		P	06:44:38.582		3.5		5.77		TAS		14.7	0.92	m_e	mb	5.1
BUG	73.39		P	06:44:53.065		3.5		5.77		TAS				m_e		
CLL	73.35		P	06:44:52.684		3.5		5.77		TAS		7.1	1.00	m_e	mb	4.8
CLZ	72.92		P	06:44:50.412		3.5		5.77		TAS		10.7	0.76	m_e	mb	5.0
FBE	73.71		P	06:44:54.941		3.5		5.77		TAS		6.7	0.88	m_e	mb	4.7
FLT1	72.40		P	06:44:47.671		3.5		5.77		TAS		6.0	0.66	m_e	mb	4.9
GEC2	75.77		P	06:45:06.307		3.5		5.77		TAS		2.4	0.86	m_e	mb	4.3
GRA1	75.04		P	06:45:02.457		3.5		5.77		TAS				m_e		
GTTG	73.23		P	06:44:52.165		3.5		5.77		TAS		7.9	0.85	m_e	mb	4.9
GUNZ	74.32		P	06:44:58.377		3.5		5.77		TAS		2.9	0.87	m_e	mb	4.3
IBBN	72.52		P	06:44:48.480		3.5		5.77		TAS		12.4	0.75	m_e	mb	5.1
KAST	73.61		P	06:44:54.149		3.5		5.77		TAS		3.5	0.82	m_e	mb	4.4
MANZ	74.71		P	06:45:00.423		3.5		5.77		TAS		3.0	0.85	m_e	mb	4.4
MILB	74.97		P	06:45:02.156		3.5		5.77		TAS		10.2	0.84	m_e	mb	4.9
MOX	74.07		P	06:44:56.882		3.5		5.77		TAS		4.1	0.81	m_e	mb	4.5
NEUB	73.52		P	06:44:53.608		3.5		5.77		TAS		13.0	0.75	m_e	mb	5.0
NRDL	72.28		P	06:44:46.820		3.5		5.77		TAS		4.6	0.76	m_e	mb	4.7
RJOB	76.92		P	06:45:12.965		3.5		5.77		TAS				m_e		
ROTZ	74.92		P	06:45:01.591		3.5		5.77		TAS		3.5	0.87	m_e	mb	4.4
STU	76.03		P	06:45:07.705		3.5		5.77		TAS		15.3	0.79	m_e	mb	5.2
TANN	74.26		P	06:44:58.052		3.5		5.77		TAS		3.2	0.99	m_e	mb	4.3
TNS	74.59		P	06:44:59.989		3.5		5.77		TAS		10.5	0.78	m_e	mb	4.9
UBBA	73.96		P	06:44:56.088		3.5		5.77		TAS		1.9	0.87	m_e	mb	4.1
WERN	74.39		P	06:44:58.805		3.5		5.77		TAS		8.2	0.93	m_e	mb	4.7
WET	75.51		P	06:45:05.005		3.5		5.77		TAS		1.7	0.76	m_e	mb	4.2
WLF	75.18		P	06:45:03.619		3.5		5.77		TAS				m_e		

Event 50905005 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/05	06:34:30.85			53.1420	-175.9370				33.0			31		73.17	79.22	m i ke	BGR
OrigID 50905011																	

Magnitude Err Nsta Author OrigID
 mb 5.2 BGR 50905011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	76.66		P	06:46:06.694	-0.1	4.4		5.60		TAS		25.8	0.96	m_e	mb	5.3
ASSE	74.96		P	06:45:57.143	0.1	4.4		5.60		TAS				m_e		
BFO	78.84		P	06:46:18.491	-0.2	4.4		5.60		TAS		9.4	0.84	m_e	mb	4.8
BRG	76.03		P	06:46:02.825	-0.1	4.4		5.60		TAS		21.4	1.01	m_e	mb	5.2

BSEG	73.17	P	06:45:46.907	-0.1	4.4	5.60	TAS	35.4	0.93	m_e	mb	5.5
BUG	75.76	P	06:46:01.697	0.3	4.4	5.60	TAS	12.4	0.90	m_e	mb	5.0
CLL	75.65	P	06:46:00.928	-0.4	4.4	5.60	TAS	14.0	0.87	m_e	mb	5.1
CLZ	75.26	P	06:45:58.860	0.5	4.4	5.60	TAS	29.2	0.85	m_e	mb	5.3
FBE	76.02	P	06:46:02.866	-0.1	4.4	5.60	TAS	20.4	0.92	m_e	mb	5.2
FLT1	74.73	P	06:45:55.472	-0.3	4.4	5.60	TAS	19.3	0.89	m_e	mb	5.1
GEC2	78.06	P	06:46:14.314	-0.1	4.4	5.60	TAS	7.8	0.86	m_e	mb	4.9
GRA1	77.36	P	06:46:10.428	0.3	4.4	5.60	TAS	34.4	0.89	m_e	mb	5.5
GTTG	75.57	P	06:46:00.569	0.1	4.4	5.60	TAS	29.8	0.93	m_e	mb	5.4
GUNZ	76.63	P	06:46:06.541	0.1	4.4	5.60	TAS	10.5	0.97	m_e	mb	4.9
IBBN	74.88	P	06:45:56.600	0.1	4.4	5.60	TAS	41.1	0.86	m_e	mb	5.5
KAST	75.97	P	06:46:02.449	-0.2	4.4	5.60	TAS	10.5	0.87	m_e	mb	5.0
MANZ	77.02	P	06:46:08.590	0.0	4.4	5.60	TAS	7.4	0.85	m_e	mb	4.8
MILB	77.31	P	06:46:10.303	0.1	4.4	5.60	TAS	23.6	0.84	m_e	mb	5.4
MOX	76.39	P	06:46:04.997	-0.1	4.4	5.60	TAS	17.0	0.90	m_e	mb	5.2
NEUB	75.84	P	06:46:01.905	-0.0	4.4	5.60	TAS	35.7	0.88	m_e	mb	5.5
NRDL	74.61	P	06:45:54.822	-0.4	4.4	5.60	TAS	11.3	0.86	m_e	mb	4.9
RJOB	79.22	P	06:46:20.720	0.1	4.4	5.60	TAS	24.4	0.76	m_e	mb	5.3
ROTZ	77.24	P	06:46:09.718	-0.1	4.4	5.60	TAS	10.4	0.95	m_e	mb	4.9
RUE	74.44	P	06:45:54.089	0.2	4.4	5.60	TAS			m_e		
STU	78.37	P	06:46:15.901	-0.2	4.4	5.60	TAS	56.6	1.04	m_e	mb	5.6
TANN	76.58	P	06:46:06.125	0.1	4.4	5.60	TAS	9.2	1.03	m_e	mb	4.9
TNS	76.94	P	06:46:08.172	0.1	4.4	5.60	TAS	26.4	0.85	m_e	mb	5.4
UBBA	76.29	P	06:46:04.120	-0.4	4.4	5.60	TAS	5.2	0.95	m_e	mb	4.6
WERN	76.71	P	06:46:06.870	0.3	4.4	5.60	TAS	21.0	0.86	m_e	mb	5.3
WET	77.82	P	06:46:12.771	0.1	4.4	5.60	TAS	4.1	0.77	m_e	mb	4.6
WLF	77.55	P	06:46:11.656	0.1	4.4	5.60	TAS	15.1	0.84	m_e	mb	5.2

Event 50905006 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/05	07:00:07.42			52.2410	-175.8150				33.0			32		74.07	80.13	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	50905012
Ms	5.1		BGR	50905012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.57		P	07:12:00.615	0.2	4.4		5.56		TAS		72.3	0.86	a_e	mb	5.8
ASSE	75.86		P	07:11:51.015	-0.0	4.4		5.56		TAS		33.7	0.97	a_e	mb	5.4
BFO	79.75		P	07:12:12.265	-0.3	4.4		5.56		TAS		36.5	0.88	a_e	mb	5.3
BRG	76.93		P	07:11:56.815	-0.2	4.4		5.56		TAS		51.9	0.90	a_e	mb	5.7
BSEG	74.07		P	07:11:40.915	-0.2	4.4		5.56		TAS		109.9	0.87	a_e	mb	5.9
BUG	76.66		P	07:11:55.365	-0.1	4.4		5.56		TAS		42.6	0.84	a_e	mb	5.6
CLL	76.56		P	07:11:54.465	-0.5	4.4		5.56		TAS		51.0	0.86	a_e	mb	5.7

CLZ	76.16	P	07:11:53.065	0.4	4.4	5.56	TAS	100.5	0.87	a_e	mb	6.0
FBE	76.92	P	07:11:57.215	0.3	4.4	5.56	TAS	68.7	0.86	a_e	mb	5.8
FLT1	75.63	P	07:11:49.215	-0.6	4.4	5.56	TAS	56.0	0.87	a_e	mb	5.7
FUR	79.79	P	07:12:12.715	-0.2	4.4	5.56	TAS	48.2	0.88	a_e	mb	5.4
GEC2	78.97	P	07:12:08.265	-0.0	4.4	5.56	TAS	29.7	0.90	a_e	mb	5.3
GRA1	78.27	P	07:12:04.865	0.4	4.4	5.56	TAS	106.1	0.86	a_e	mb	6.0
GRA1	78.27	L	07:57:41.766				T__	655.9	20.10	a_e	Ms	5.0
GTTG	76.47	P	07:11:54.765	0.3	4.4	5.56	TAS	89.2	0.90	a_e	mb	5.9
GUNZ	77.54	P	07:12:00.565	0.2	4.4	5.56	TAS	32.5	0.90	a_e	mb	5.5
IBBN	75.78	P	07:11:50.565	0.0	4.4	5.56	TAS	133.7	0.82	a_e	mb	6.1
KAST	76.87	P	07:11:56.665	0.1	4.4	5.56	TAS	36.0	0.92	a_e	mb	5.5
MANZ	77.93	P	07:12:02.515	-0.0	4.4	5.56	TAS	31.9	0.92	a_e	mb	5.4
MILB	78.22	P	07:12:04.115	-0.0	4.4	5.56	TAS	84.0	0.86	a_e	mb	5.9
MOX	77.30	P	07:11:59.065	0.0	4.4	5.56	TAS	56.3	0.88	a_e	mb	5.7
MOX	77.30	L	07:57:13.809				T__	937.8	18.30	a_e	Ms	5.1
NEUB	76.74	P	07:11:55.965	0.0	4.4	5.56	TAS	135.6	0.91	a_e	mb	6.1
NRDL	75.52	P	07:11:48.915	-0.2	4.4	5.56	TAS	43.5	0.86	m_e	mb	5.6
RJOB	80.13	P	07:12:14.565	-0.2	4.4	5.56	TAS	100.1	0.81	a_e	mb	5.8
ROTZ	78.14	P	07:12:03.915	0.2	4.4	5.56	TAS	32.1	0.93	a_e	mb	5.4
STU	79.28	P	07:12:09.765	-0.3	4.4	5.56	TAS	126.7	0.85	a_e	mb	6.0
TANN	77.48	P	07:12:00.215	0.2	4.4	5.56	TAS	23.6	0.98	a_e	mb	5.3
TNS	77.85	P	07:12:02.065	0.0	4.4	5.56	TAS	91.7	0.85	a_e	mb	5.9
UBBA	77.20	P	07:11:58.341	-0.1	4.4	5.56	TAS	9.1	0.83	m_e	mb	4.9
WERD	77.46	P	07:12:00.065	0.1	4.4	5.56	TAS	29.0	0.94	a_e	mb	5.4
WERN	77.61	P	07:12:01.115	0.3	4.4	5.56	TAS	72.4	0.89	a_e	mb	5.8
WET	78.72	P	07:12:06.996	0.0	4.4	5.56	TAS	20.0	0.98	m_e	mb	5.1
WLF	78.46	P	07:12:05.515	0.1	4.4	5.56	TAS	60.4	0.82	a_e	mb	5.8

Event 50905007 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/05	07:08:59.46			52.7800	-176.6970				33.0			31		73.49	79.53	m i ke	BGR
50905013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50905013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.01		P	07:20:47.110	0.2	4.9		5.60		TAS		14.1	0.80	m_e	mb	5.1
ASSE	75.28		P	07:20:37.479	0.1	4.9		5.60		TAS		4.4	0.74	m_e	mb	4.6
BFO	79.18		P	07:20:58.783	-0.4	4.9		5.60		TAS		7.2	0.75	m_e	mb	4.8
BRG	76.33		P	07:20:43.180	-0.0	4.9		5.60		TAS		9.7	0.76	m_e	mb	5.0
BSEG	73.49		P	07:20:27.341	0.1	4.9		5.60		TAS		21.5	0.82	m_e	mb	5.3
BUG	76.10		P	07:20:41.741	-0.1	4.9		5.60		TAS		7.4	0.87	m_e	mb	4.8
CLL	75.97		P	07:20:41.022	-0.2	4.9		5.60		TAS		10.5	0.77	m_e	mb	5.0
CLZ	75.58		P	07:20:39.241	0.4	4.9		5.60		TAS		22.6	0.80	m_e	mb	5.4

FBE	76.33	P	07:20:43.346	0.1	4.9	5.60	TAS	12.7	0.77	m_e	mb	5.1
FLT1	75.05	P	07:20:35.819	-0.2	4.9	5.60	TAS	13.2	0.81	m_e	mb	5.0
GEC2	78.37	P	07:20:54.471	-0.1	4.9	5.60	TAS	5.9	0.78	m_e	mb	4.8
GRA1	77.68	P	07:20:50.984	0.4	4.9	5.60	TAS	24.5	0.77	m_e	mb	5.4
GTTG	75.90	P	07:20:40.856	0.1	4.9	5.60	TAS	15.4	0.86	m_e	mb	5.2
GUNZ	76.95	P	07:20:46.612	-0.1	4.9	5.60	TAS	5.9	0.82	m_e	mb	4.8
IBBN	75.22	P	07:20:37.092	0.1	4.9	5.60	TAS	31.1	0.83	m_e	mb	5.4
KAST	76.30	P	07:20:42.903	-0.1	4.9	5.60	TAS	5.9	0.83	m_e	mb	4.7
MANZ	77.34	P	07:20:49.047	0.2	4.9	5.60	TAS	4.2	0.75	m_e	mb	4.6
MILB	77.64	P	07:20:50.431	-0.1	4.9	5.60	TAS	18.3	0.80	m_e	mb	5.3
MOX	76.71	P	07:20:45.173	-0.2	4.9	5.60	TAS	11.3	0.83	m_e	mb	5.0
NEUB	76.16	P	07:20:42.239	-0.0	4.9	5.60	TAS	21.1	0.78	m_e	mb	5.3
NRDL	74.94	P	07:20:35.265	-0.2	4.9	5.60	TAS	6.9	0.81	m_e	mb	4.7
RJOB	79.53	P	07:21:01.334	0.2	4.9	5.60	TAS	24.0	0.76	m_e	mb	5.2
ROTZ	77.55	P	07:20:50.040	-0.4	4.9	5.60	TAS	5.8	0.83	m_e	mb	4.7
STU	78.70	P	07:20:56.542	0.2	4.9	5.60	TAS	27.0	0.82	m_e	mb	5.3
TANN	76.89	P	07:20:46.446	0.1	4.9	5.60	TAS	2.9	0.73	m_e	mb	4.5
TNS	77.28	P	07:20:48.383	-0.1	4.9	5.60	TAS	21.1	0.80	m_e	mb	5.3
UBBA	76.62	P	07:20:44.402	-0.6	4.9	5.60	TAS	2.8	0.72	m_e	mb	4.5
WERD	76.87	P	07:20:46.335	0.1	4.9	5.60	TAS	5.3	0.78	m_e	mb	4.7
WERN	77.02	P	07:20:47.442	0.3	4.9	5.60	TAS	13.9	0.79	m_e	mb	5.1
WET	78.13	P	07:20:53.420	0.1	4.9	5.60	TAS	2.4	0.76	m_e	mb	4.4
WLF	77.90	P	07:20:52.202	0.3	4.9	5.60	TAS	15.9	0.73	m_e	mb	5.2

Event 50905008 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/05	07:20:08.71			52.5310	-176.3370				33.0			26		73.76	79.81	m i ke	BGR
50905014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50905014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.26		P	07:31:58.079	-0.3	4.7		5.58		TAS		11.8	0.93	m_e	mb	5.0
BFO	79.44		P	07:32:10.037	-0.1	4.7		5.58		TAS		2.9	0.85	m_e	mb	4.3
BRG	76.61		P	07:31:54.330	0.0	4.7		5.58		TAS		6.6	0.90	m_e	mb	4.8
BSEG	73.76		P	07:31:38.489	0.1	4.7		5.58		TAS		12.0	0.84	m_e	mb	5.0
CLL	76.24		P	07:31:52.147	-0.5	4.7		5.58		TAS		5.6	0.83	m_e	mb	4.7
CLZ	75.85		P	07:31:50.017	0.4	4.7		5.58		TAS		12.2	0.86	m_e	mb	5.1
FBE	76.60		P	07:31:54.421	0.1	4.7		5.58		TAS		11.4	1.08	m_e	mb	4.9
FLT1	75.32		P	07:31:46.783	-0.5	4.7		5.58		TAS		8.3	0.81	m_e	mb	4.8
GEC2	78.64		P	07:32:05.704	0.1	4.7		5.58		TAS		2.8	0.88	m_e	mb	4.3
GRA1	77.95		P	07:32:01.732	0.5	4.7		5.58		TAS				m_e		
GTTG	76.16		P	07:31:51.686	0.3	4.7		5.58		TAS		13.4	0.93	m_e	mb	5.1
GUNZ	77.22		P	07:31:57.761	0.0	4.7		5.58		TAS		5.7	0.97	m_e	mb	4.7

IBBN	75.48	P	07:31:48.238	0.3	4.7	5.58	TAS	22.1	0.95	m_e	mb	5.2
KAST	76.56	P	07:31:54.060	0.0	4.7	5.58	TAS	6.1	0.92	m_e	mb	4.7
MANZ	77.61	P	07:31:59.791	-0.1	4.7	5.58	TAS	3.7	0.92	m_e	mb	4.5
MILB	77.91	P	07:32:01.507	-0.1	4.7	5.58	TAS	11.6	0.95	m_e	mb	5.0
MOX	76.98	P	07:31:56.229	0.0	4.7	5.58	TAS	6.8	0.89	m_e	mb	4.8
NEUB	76.42	P	07:31:53.338	0.0	4.7	5.58	TAS	25.6	0.93	m_e	mb	5.3
RJOB	79.81	P	07:32:12.068	-0.1	4.7	5.58	TAS	14.7	0.91	m_e	mb	4.9
ROTZ	77.82	P	07:32:01.010	-0.1	4.7	5.58	TAS	4.4	0.92	m_e	mb	4.6
TANN	77.16	P	07:31:57.490	0.1	4.7	5.58	TAS	3.8	0.96	m_e	mb	4.5
TNS	77.54	P	07:31:59.521	0.0	4.7	5.58	TAS	11.0	0.89	m_e	mb	5.0
UBBA	76.89	P	07:31:55.367	-0.7	4.7	5.58	TAS	4.7	1.04	m_e	mb	4.6
WERN	77.29	P	07:31:58.173	0.6	4.7	5.58	TAS	8.7	0.91	m_e	mb	4.9
WET	78.40	P	07:32:04.214	-0.1	4.7	5.58	TAS	6.8	1.19	m_e	mb	4.7
WLF	78.16	P	07:32:03.204	0.2	4.7	5.58	TAS	7.2	0.82	m_e	mb	4.8

Event 50905010 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/05	13:04:39.77			51.6100	-176.8410				33.0					78.84	78.84	m i ke	BGR
OrigID 50905016																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50905016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	78.84		P	13:16:42.615		3.3		4.71		TAS		10.2	1.04	m_e	mb	4.8

Event 50905011 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/05	13:16:16.66			50.1000	153.9100				70.0	1.8		33		73.16	77.72	m i ke	BGR
OrigID 50905017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	50905017
MBB	6.2		BGR	50905017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	75.81		P	13:27:56.334	0.0	23.7		5.78		TAS		128.9	1.28	m_e	MBB	6.2
ASSE	73.48		P	13:27:42.634	-0.3	23.7		5.78		TAS				m_e		
BFO	77.57		P	13:28:05.932	-0.6	23.7		5.78		TAS		85.3	1.11	m_e	MBB	6.2
BRG	73.77		P	13:27:44.603	-0.0	23.7		5.78		TAS				m_e		
BUG	74.93		P	13:27:51.658	0.5	23.7		5.78		TAS		126.2	1.38	m_e	MBB	6.1

BUG	74.93	sP	13:28:18.068	-0.9						T__							m_e	
CLL	73.63	P	13:27:43.619	-0.2	23.7		5.78			TAS	109.3	1.34	m_e	MBB				6.1
CLZ	73.82	P	13:27:44.849	-0.0	23.7		5.78			TAS	109.1	1.28	m_e	MBB				6.2
FBE	73.89	P	13:27:45.588	0.3	23.7		5.78			TAS							m_e	
FLT1	73.16	P	13:27:40.460	-0.9	23.7		5.78			TAS	65.6	1.36	m_e	MBB				6.1
FUR	76.96	P	13:28:02.867	0.2	23.7		5.78			TAS	197.5	1.43	m_e	MBB				6.4
GEC2	75.67	P	13:27:55.267	-0.3	23.7		5.78			TAS	92.2	1.53	m_e	MBB				6.2
GRA1	75.58	P	13:27:55.267	0.2	23.7		5.78			TAS	162.2	1.20	m_e	mb				6.0
GTTG	74.19	P	13:27:47.392	0.4	23.7		5.78			TAS	92.4	1.50	m_e	MBB				6.1
GUNZ	74.67	P	13:27:49.853	0.1	23.7		5.78			TAS	68.9	1.31	m_e	MBB				5.9
IBBN	74.01	P	13:27:46.080	0.2	23.7		5.78			TAS	90.8	1.32	m_e	MBB				6.2
KAST	74.88	P	13:27:51.166	0.2	23.7		5.78			TAS	94.2	1.25	m_e	MBB				6.1
MANZ	75.07	P	13:27:51.986	-0.1	23.7		5.78			TAS	78.5	1.54	m_e	MBB				5.9
MANZ	75.07	sP	13:28:18.718	-0.9						T__							m_e	
MILB	75.94	P	13:27:57.154	0.0	23.7		5.78			TAS	132.5	1.31	m_e	MBB				6.3
MOX	74.60	P	13:27:49.115	-0.3	23.7		5.78			TAS	66.3	1.27	m_e	MBB				6.1
NEUB	74.06	P	13:27:45.998	-0.3	23.7		5.78			TAS							m_e	
NRDL	73.28	P	13:27:41.650	-0.1	23.7		5.78			TAS	62.0	1.41	m_e	MBB				6.2
PLN	74.60	P	13:27:49.525	0.1	23.7		5.78			TAS	107.3	1.67	m_e	MBB				6.1
RJOB	76.93	P	13:28:02.825	0.4	23.7		5.78			TAS	404.4	1.51	m_e	MBB				6.8
ROTZ	75.25	P	13:27:53.545	0.4	23.7		5.78			TAS	88.2	1.44	m_e	MBB				6.1
STU	76.95	P	13:28:02.404	-0.5	23.7		5.78			TAS	201.9	1.11	m_e	MBB				6.6
TANN	74.59	P	13:27:49.525	0.2	23.7		5.78			TAS							m_e	
TNS	75.79	P	13:27:56.252	0.1	23.7		5.78			TAS	33.4	0.62	m_e	MBB				6.2
UBBA	74.85	P	13:27:50.920	0.1	23.7		5.78			TAS	118.2	1.57	m_e	MBB				6.1
UBBA	74.85	sP	13:28:17.510	-0.9						T__							m_e	
UBR	77.72	P	13:28:07.244	-0.2	23.7		5.78			TAS	175.1	1.55	m_e	MBB				6.3
WERD	74.60	P	13:27:49.525	0.1	23.7		5.78			TAS	84.6	1.33	m_e	MBB				6.0
WERN	74.73	P	13:27:50.345	0.2	23.7		5.78			TAS	73.4	1.34	m_e	MBB				6.0
WET	75.63	P	13:27:55.431	0.1	23.7		5.78			TAS	101.8	1.19	m_e	MBB				6.3
WLF	76.85	P	13:28:02.322	0.1	23.7		5.78			TAS	148.3	1.76	m_e	MBB				6.2
WLF	76.85	sP	13:28:29.695	-0.9						T__							m_e	

Event 50905012 East of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/05	14:00:28.34			49.0450	158.6490				33.0					77.73	77.73	m i ke	BGR
50905018																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50905018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	77.73		P	14:12:23.670		23.2		4.90		TAS		19.2	1.12	m_e mb	5.1

Event 50906002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/06	04:52:59.16			-23.6600	177.7900				492.0				33	147.73	154.09	m i ke	BGR
50906008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	152.21		PKPbc	05:11:57.962		23.2		2.12		TAS					m_e
ASSE	149.91		PKPbc	05:11:53.192	-0.1	23.2		2.12		TAS					m_e
ASSE	149.91		PKPab	05:12:04.088		23.2		2.12		TAS					m_e
BFO	154.00		PKPbc	05:12:01.654		23.2		2.12		TAS					m_e
BFO	154.00		PKPab	05:12:21.470		23.2		2.12		TAS					m_e
BRG	150.08		PKPbc	05:11:53.845	0.0	23.2		2.12		TAS					m_e
BRG	150.08		PKPab	05:12:05.545		23.2		2.12		TAS					m_e
BSEG	148.33		PKPbc	05:11:49.608	-0.1	23.2		2.12		TAS					m_e
CLL	150.00		PKPbc	05:11:53.482	-0.0	23.2		2.12		TAS					m_e
CLZ	150.25		PKPbc	05:11:53.908	0.4	23.2		2.12		TAS					m_e
FBE	150.23		PKPbc	05:11:54.141	0.3	23.2		2.12		TAS					m_e
FBE	150.23		PKPab	05:12:06.550		23.2		2.12		TAS					m_e
FLT1	149.58		PKPbc	05:11:52.211	-0.2	23.2		2.12		TAS					m_e
FUR	153.30		PKPab	05:12:19.676		23.2		2.12		TAS					m_e
GEC2	151.90		PKPbc	05:11:57.764		23.2		2.12		TAS					m_e
GTTG	150.62		PKPbc	05:11:54.577	0.2	23.2		2.12		TAS					m_e
GTTG	150.62		PKPab	05:12:06.926		23.2		2.12		TAS					m_e
GUNZ	151.03		PKPab	05:12:09.742		23.2		2.12		TAS					m_e
IBBN	150.40		PKPbc	05:11:54.151	0.3	23.2		2.12		TAS					m_e
IBBN	150.40		PKPab	05:12:05.773		23.2		2.12		TAS					m_e
KAST	151.30		PKPbc	05:11:56.062	-0.1	23.2		2.12		TAS					m_e
LNIZ	147.73		PKPbc	05:11:48.640	0.0	23.2		2.12		TAS					m_e
MANZ	151.44		PKPdf	05:11:48.074		23.2		2.12		TAS					m_e
MANZ	151.44		PKPbc	05:11:56.630	-0.2	23.2		2.12		TAS					m_e
MILB	152.37		PKPdf	05:11:49.474		23.2		2.12		TAS					m_e
MILB	152.37		PKPbc	05:11:58.204		23.2		2.12		TAS					m_e
MOX	151.00		PKPbc	05:11:55.722	0.2	23.2		2.12		TAS					m_e
MOX	151.00		PKPab	05:12:09.214		23.2		2.12		TAS					m_e
NEUB	150.46		PKPbc	05:11:54.511	0.1	23.2		2.12		TAS					m_e
NEUB	150.46		PKPab	05:12:06.732		23.2		2.12		TAS					m_e
NRDL	149.71		PKPbc	05:11:52.644	-0.5	23.2		2.12		TAS					m_e
NRDL	149.71		PKPab	05:12:03.176		23.2		2.12		TAS					m_e
PLN	150.98		PKPbc	05:11:55.661	0.1	23.2		2.12		TAS					m_e
PLN	150.98		PKPab	05:12:09.293		23.2		2.12		TAS					m_e
ROTZ	151.60		PKPab	05:12:12.296		23.2		2.12		TAS					m_e
RUE	148.74		PKPbc	05:11:50.698	-0.1	23.2		2.12		TAS					m_e
STU	153.37		PKPdf	05:11:51.006		23.2		2.12		TAS					m_e
STU	153.37		PKPbc	05:12:00.625		23.2		2.12		TAS					m_e

STU	153.37	PKPab	05:12:19.335	23.2	2.12	TAS	m_e
TANN	150.95	PKPdf	05:11:47.903	23.2	2.12	TAS	m_e
TANN	150.95	PKPbc	05:11:55.480	-0.1 23.2	2.12	TAS	m_e
TNS	152.21	PKPbc	05:11:58.047	23.2	2.12	TAS	m_e
UBBA	151.28	PKPdf	05:11:47.814	23.2	2.12	TAS	m_e
UBBA	151.28	PKPbc	05:11:55.986	-0.1 23.2	2.12	TAS	m_e
UBR	154.09	PKPdf	05:11:51.795	23.2	2.12	TAS	m_e
UBR	154.09	PKPab	05:12:22.182	23.2	2.12	TAS	m_e
WERD	150.97	PKPbc	05:11:55.540	-0.0 23.2	2.12	TAS	m_e
WERN	151.09	PKPab	05:12:10.410	23.2	2.12	TAS	m_e
WET	151.92	PKPab	05:12:13.923	23.2	2.12	TAS	m_e
WLF	153.23	PKPab	05:12:18.067	23.2	2.12	TAS	m_e

Event 50906003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/06	09:42:52.12			-21.5820	-176.5800				33.0			24		147.27	153.41	m i ke	BGR
OrigID 50906009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.96		PKPbc	10:02:46.627	0.1	15.2		2.45		TAS					m_e
ASSE	149.00		PKPbc	10:02:41.526		15.2		2.45		TAS					m_e
BFO	153.02		PKPbc	10:02:51.207	0.0	15.2		2.45		TAS					m_e
BRG	149.62		PKPbc	10:02:43.016	-0.0	15.2		2.45		TAS					m_e
BSEG	147.27		PKPbc	10:02:37.058		15.2		2.45		TAS					m_e
BUG	150.05		PKPbc	10:02:44.187	0.1	15.2		2.45		TAS					m_e
CLL	149.40		PKPbc	10:02:42.203	-0.1	15.2		2.45		TAS					m_e
CLZ	149.32		PKPbc	10:02:42.197	-0.5	15.2		2.45		TAS					m_e
FBE	149.70		PKPbc	10:02:42.969	-0.3	15.2		2.45		TAS					m_e
FLT1	148.72		PKPbc	10:02:40.375		15.2		2.45		TAS					m_e
GEC2	151.58		PKPbc	10:02:47.484	-0.3	15.2		2.45		TAS					m_e
GTTG	149.66		PKPbc	10:02:42.857	0.3	15.2		2.45		TAS					m_e
GUNZ	150.43		PKPbc	10:02:45.114	0.3	15.2		2.45		TAS					m_e
IBBN	149.15		PKPbc	10:02:41.984	0.1	15.2		2.45		TAS					m_e
KAST	150.18		PKPbc	10:02:44.228	0.5	15.2		2.45		TAS					m_e
MANZ	150.83		PKPbc	10:02:45.948	0.1	15.2		2.45		TAS					m_e
MILB	151.43		PKPbc	10:02:47.348	-0.2	15.2		2.45		TAS					m_e
MOX	150.29		PKPbc	10:02:44.708	0.1	15.2		2.45		TAS					m_e
NEUB	149.73		PKPbc	10:02:42.830	0.1	15.2		2.45		TAS					m_e
NRDL	148.71		PKPbc	10:02:40.481	0.1	15.2		2.45		TAS					m_e
PLN	150.34		PKPbc	10:02:44.545	0.0	15.2		2.45		TAS					m_e
RJOB	152.83		PKPbc	10:02:50.545	0.3	15.2		2.45		TAS					m_e
ROTZ	151.03		PKPbc	10:02:46.401	-0.1	15.2		2.45		TAS					m_e
RUE	148.14		PKPbc	10:02:39.156	0.1	15.2		2.45		TAS					m_e

TANN	150.36	PKPbc	10:02:44.658	-0.1	15.2	2.45	TAS	m_e
TNS	151.14	PKPbc	10:02:46.692	0.3	15.2	2.45	TAS	m_e
UBBA	150.37	PKPbc	10:02:44.706	-0.5	15.2	2.45	TAS	m_e
UBR	153.41	PKPbc	10:02:51.707	0.0	15.2	2.45	TAS	m_e
WERD	150.35	PKPbc	10:02:44.712	0.0	15.2	2.45	TAS	m_e
WERN	150.50	PKPbc	10:02:44.993	0.3	15.2	2.45	TAS	m_e
WET	151.48	PKPbc	10:02:47.338	0.3	15.2	2.45	TAS	m_e
WLF	151.89	PKPbc	10:02:49.047	0.1	15.2	2.45	TAS	m_e

Event 50907001 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/07	00:37:31.69			38.6150	40.9110				33.0					23.85	23.85	m i ke	BGR
OrigID 50907007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50907007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	23.85		P	00:42:44.961		111.9		9.96		TAS		9.7	0.79	m_e mb	4.4

Event 50907002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/07	08:46:09.85			-23.3700	-178.1000				548.6	3.9			33	148.19	154.87	m i ke	BGR
OrigID 50907008																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.51		PKPbc	09:04:59.895	0.1	20.8		2.32		TAS				m_e	
ASSE	150.51		PKPab	09:05:09.913	0.1	20.8		2.32		TAS				m_e	
BRG	150.99		PKPbc	09:05:00.953	0.1	20.8		2.32		TAS				m_e	
BRG	150.99		PKPab	09:05:11.332	0.1	20.8		2.32		TAS				m_e	
BSEG	148.82		PKPbc	09:04:56.249	0.1	20.8		2.32		TAS				m_e	
BUG	151.67		PKPbc	09:05:03.182		20.8		2.32		TAS				m_e	
CLL	150.82		PKPbc	09:05:00.509	0.1	20.8		2.32		TAS				m_e	
CLL	150.82		pPKPbc	09:07:07.468	0.1					T__				m_e	
CLZ	150.84		PKPbc	09:05:00.756	0.1	20.8		2.32		TAS				m_e	
FBE	151.09		PKPbc	09:05:01.351	0.1	20.8		2.32		TAS				m_e	
FBE	151.09		PKPab	09:05:12.395	0.1	20.8		2.32		TAS				m_e	
FBE	151.09		pPKPbc	09:07:08.760	0.1					T__				m_e	
FLT1	150.21		PKPbc	09:04:59.227	0.1	20.8		2.32		TAS				m_e	

FLT1	150.21	PKPab	09:05:08.357	0.1	20.8	2.32	TAS	m_e
FUR	154.16	PKPab	09:05:25.644	0.1	20.8	2.32	TAS	m_e
GEC2	152.91	PKPbc	09:05:05.394		20.8	2.32	TAS	m_e
GEC2	152.91	PKPab	09:05:19.492	0.1	20.8	2.32	TAS	m_e
GEC2	152.91	pPKPbc	09:07:12.835	0.1			T__	m_e
GTTG	151.19	PKPbc	09:05:01.719		20.8	2.32	TAS	m_e
GTTG	151.19	PKPab	09:05:13.374	0.1	20.8	2.32	TAS	m_e
GUNZ	151.85	PKPbc	09:05:02.807		20.8	2.32	TAS	m_e
GUNZ	151.85	PKPab	09:05:15.766	0.1	20.8	2.32	TAS	m_e
GUNZ	151.85	pPKPbc	09:07:09.523	0.1			T__	m_e
HLG	148.90	PKPbc	09:04:56.712	0.1	20.8	2.32	TAS	m_e
HLG	148.90	PKPab	09:05:04.621	0.1	20.8	2.32	TAS	m_e
IBBN	150.76	PKPbc	09:05:01.142		20.8	2.32	TAS	m_e
KAST	151.76	PKPbc	09:05:03.182		20.8	2.32	TAS	m_e
KAST	151.76	pPKPbc	09:07:10.320	0.1			T__	m_e
LNIZ	148.51	PKPbc	09:04:55.329	-0.1	20.8	2.32	TAS	m_e
LNIZ	148.51	PKPab	09:05:01.520	0.1	20.8	2.32	TAS	m_e
MANZ	152.25	PKPdf	09:04:56.996	0.1	20.8	2.32	TAS	m_e
MANZ	152.25	PKPbc	09:05:03.850		20.8	2.32	TAS	m_e
MILB	152.96	PKPdf	09:04:57.778	0.1	20.8	2.32	TAS	m_e
MILB	152.96	PKPbc	09:05:05.735		20.8	2.32	TAS	m_e
MOX	151.74	PKPbc	09:05:02.571		20.8	2.32	TAS	m_e
MOX	151.74	PKPab	09:05:15.395	0.1	20.8	2.32	TAS	m_e
NEUB	151.19	PKPbc	09:05:01.471		20.8	2.32	TAS	m_e
NEUB	151.19	PKPab	09:05:12.932	0.1	20.8	2.32	TAS	m_e
NRDL	150.25	PKPbc	09:04:59.494	0.1	20.8	2.32	TAS	m_e
NRDL	150.25	pPKPbc	09:07:05.772	0.1			T__	m_e
RJOB	154.17	PKPab	09:05:25.197	0.1	20.8	2.32	TAS	m_e
ROTZ	152.44	PKPab	09:05:18.007	0.1	20.8	2.32	TAS	m_e
RUE	149.55	PKPbc	09:04:57.632	0.2	20.8	2.32	TAS	m_e
SKMB	148.19	PKPbc	09:04:54.906	0.1	20.8	2.32	TAS	m_e
STU	154.00	PKPdf	09:04:59.177	0.1	20.8	2.32	TAS	m_e
STU	154.00	PKPbc	09:05:08.196	0.1	20.8	2.32	TAS	m_e
TANN	151.77	PKPbc	09:05:02.656		20.8	2.32	TAS	m_e
TNS	152.71	PKPbc	09:05:05.325		20.8	2.32	TAS	m_e
TNS	152.71	PKPab	09:05:19.977	0.1	20.8	2.32	TAS	m_e
UBBA	151.88	PKPbc	09:05:03.149		20.8	2.32	TAS	m_e
UBR	154.87	PKPdf	09:04:59.839	0.1	20.8	2.32	TAS	m_e
WERD	151.78	PKPbc	09:05:02.627		20.8	2.32	TAS	m_e
WERD	151.78	PKPab	09:05:15.321	0.1	20.8	2.32	TAS	m_e
WERN	151.91	PKPbc	09:05:03.031		20.8	2.32	TAS	m_e
WERN	151.91	PKPab	09:05:15.963	0.1	20.8	2.32	TAS	m_e
WERN	151.91	pPKPbc	09:07:10.492	0.1			T__	m_e
WET	152.86	PKPbc	09:05:05.198	0.1	20.8	2.32	TAS	m_e
WET	152.86	PKPab	09:05:19.850	0.1	20.8	2.32	TAS	m_e

Event 50907003 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/07	09:13:58.81			-32.7240	-177.9850				10.0			10		159.29	163.85	m i ke	BGR
50907009																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.6		BGR	50907009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	161.81		PKPab	09:34:43.270		22.0		1.06		TAS					m_e
ASSE	159.61		PKPdf	09:33:53.704	0.3	22.0		1.06		TAS					m_e
ASSE	159.61		PKPab	09:34:30.854		22.0		1.06		TAS					m_e
BFO	163.70		PKPdf	09:33:58.525		22.0		1.06		TAS					m_e
BFO	163.70		PKPab	09:34:50.841		22.0		1.06		TAS					m_e
BRG	159.85		PKPdf	09:33:54.402	0.4	22.0		1.06		TAS					m_e
BRG	159.85		PKPab	09:34:32.456		22.0		1.06		TAS					m_e
BUG	160.90		PKPab	09:34:37.583		22.0		1.06		TAS					m_e
CLL	159.76		PKPdf	09:33:53.937	0.3	22.0		1.06		TAS					m_e
CLL	159.76		PKPab	09:34:32.032		22.0		1.06		TAS					m_e
CLZ	159.94		PKPdf	09:33:54.402	0.1	22.0		1.06		TAS					m_e
CLZ	159.94		PKPab	09:34:33.341		22.0		1.06		TAS					m_e
FBE	159.99		PKPab	09:34:33.977		22.0		1.06		TAS					m_e
FLT1	159.29		PKPdf	09:33:53.239	-0.0	22.0		1.06		TAS					m_e
FLT1	159.29		PKPab	09:34:30.992		22.0		1.06		TAS					m_e
FUR	163.06		PKPdf	09:33:57.911		22.0		1.06		TAS					m_e
FUR	163.06		PKPab	09:34:48.097		22.0		1.06		TAS					m_e
GEC2	161.66		PKPdf	09:33:55.798		22.0		1.06		TAS					m_e
GEC2	161.66		PKPab	09:34:42.532		22.0		1.06		TAS					m_e
GRA1	161.71		PKPab	09:34:42.584		22.0		1.06		TAS					m_e
GRA1	161.71		L	10:50:02.938						T__		7850.2	19.60	a_e Ms	6.6
GTTG	160.31		PKPab	09:34:35.628		22.0		1.06		TAS					m_e
GUNZ	160.79		PKPab	09:34:37.856		22.0		1.06		TAS					m_e
IBBN	159.99		PKPab	09:34:33.754		22.0		1.06		TAS					m_e
KAST	160.95		PKPab	09:34:38.483		22.0		1.06		TAS					m_e
MANZ	161.19		PKPdf	09:33:55.333		22.0		1.06		TAS					m_e
MANZ	161.19		PKPab	09:34:40.412		22.0		1.06		TAS					m_e
MILB	162.07		PKPab	09:34:44.838		22.0		1.06		TAS					m_e
MOX	160.74		PKPdf	09:33:55.333		22.0		1.06		TAS					m_e
MOX	160.74		PKPab	09:34:36.578		22.0		1.06		TAS					m_e
MOX	160.74		L	11:03:13.007						T__		8316.3	18.00	a_e Ms	6.6
NEUB	160.20		PKPab	09:34:35.053		22.0		1.06		TAS					m_e
NRDL	159.39		PKPdf	09:33:53.006	0.0	22.0		1.06		TAS					m_e
NRDL	159.39		PKPab	09:34:30.867		22.0		1.06		TAS					m_e
PLN	160.73		PKPab	09:34:36.832		22.0		1.06		TAS					m_e
RJOB	162.92		PKPdf	09:33:58.160		22.0		1.06		TAS					m_e
RJOB	162.92		PKPab	09:34:47.163		22.0		1.06		TAS					m_e
ROTZ	161.36		PKPab	09:34:41.074		22.0		1.06		TAS					m_e
TANN	160.71		PKPab	09:34:36.352		22.0		1.06		TAS					m_e

TNS	161.88	PKPab	09:34:43.951	22.0	1.06	TAS	m_e
UBBA	160.99	PKPdf	09:33:55.333	22.0	1.06	TAS	m_e
UBBA	160.99	PKPab	09:34:38.706	22.0	1.06	TAS	m_e
UBR	163.85	PKPdf	09:33:58.935	22.0	1.06	TAS	m_e
UBR	163.85	PKPab	09:34:52.672	22.0	1.06	TAS	m_e
WERD	160.72	PKPdf	09:33:55.100	22.0	1.06	TAS	m_e
WERD	160.72	PKPab	09:34:37.070	22.0	1.06	TAS	m_e
WERN	160.85	PKPab	09:34:37.919	22.0	1.06	TAS	m_e
WET	161.69	PKPab	09:34:42.456	22.0	1.06	TAS	m_e
WLF	162.80	PKPab	09:34:46.281	22.0	1.06	TAS	m_e

Event 50907004 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/07	09:54:01.01			-19.5790	171.4210				33.0					146.04	146.04	m i ke	BGR
50907010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	146.04		PKPab	10:13:14.402		32.6		3.92		TAS					m_e

Event 50907005 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/07	20:25:03.41			-33.0310	-177.9490				33.0				18	158.29	164.15	m i ke	BGR
50907011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	164.00		PKPab	20:45:52.492		24.9		4.42		TAS					m_e
BRG	160.14		PKPab	20:45:35.945	0.2	24.9		4.42		TAS					m_e
BSEG	158.29		PKPab	20:45:27.513	0.1	24.9		4.42		TAS					m_e
CLL	160.05		PKPab	20:45:35.074	-0.1	24.9		4.42		TAS					m_e
CLZ	160.25		PKPab	20:45:36.141	0.1	24.9		4.42		TAS					m_e
FBE	160.29		PKPab	20:45:36.318	0.0	24.9		4.42		TAS					m_e
FLT1	159.59		PKPab	20:45:32.896	-0.3	24.9		4.42		TAS					m_e
FUR	163.36		PKPab	20:45:49.909		24.9		4.42		TAS					m_e
GRA1	162.01		PKPab	20:45:44.032		24.9		4.42		TAS					m_e
GTTG	160.62		PKPab	20:45:38.060	0.3	24.9		4.42		TAS					m_e
GUNZ	161.09		PKPab	20:45:40.208	0.1	24.9		4.42		TAS					m_e
IBBN	160.30		PKPab	20:45:36.619	-0.5	24.9		4.42		TAS					m_e

KAST	161.25	PKPab	20:45:41.059		24.9		4.42	TAS		m_e
MILB	162.38	PKPab	20:45:45.338		24.9		4.42	TAS		m_e
MOX	161.04	PKPab	20:45:39.864	0.8	24.9		4.42	TAS		m_e
NEUB	160.50	PKPab	20:45:37.118	0.1	24.9		4.42	TAS		m_e
PLN	161.03	PKPab	20:45:39.864	-1.2	24.9		4.42	TAS		m_e
ROTZ	161.66	PKPab	20:45:42.477		24.9		4.42	TAS		m_e
TANN	161.00	PKPab	20:45:39.725	0.1	24.9		4.42	TAS		m_e
TNS	162.18	PKPab	20:45:44.959		24.9		4.42	TAS		m_e
UBBA	161.29	PKPab	20:45:40.825	0.1	24.9		4.42	TAS		m_e
UBR	164.15	PKPab	20:45:53.239		24.9		4.42	TAS		m_e
WERD	161.02	PKPab	20:45:39.592	0.1	24.9		4.42	TAS		m_e
WERN	161.14	PKPab	20:45:40.210	0.1	24.9		4.42	TAS		m_e
WET	161.98	PKPab	20:45:44.274		24.9		4.42	TAS		m_e
WLF	163.10	PKPab	20:45:49.693		24.9		4.42	TAS		m_e

Event 50908003 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/08	02:51:16.28			-32.8350	-178.7980				33.0					161.58	161.58	m i ke	BGR
OrigID 50908009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	161.58		PKPab	03:08:17.917		32.1		3.85		TAS					m_e

Event 50908004 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/08	02:51:16.28			-32.8350	-178.7980				33.0					161.58	161.58	m i ke	BGR
OrigID 50908010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	161.58		PKPab	03:11:42.843		36.5		4.03		TAS					m_e

Event 50908005 South of Kermadec Islands

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

2015/09/08 06:48:33.58
50908011

-33.0380 -178.3120

33.0

24

158.22 163.93 m i ke BGR

Magnitude Err Nsta Author OrigID
Ms 6.0 BGR 50908011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	162.06		PKPab	07:09:18.847		24.6		4.41		TAS				m_e	
ASSE	159.84		PKPab	07:09:08.812	-0.1	24.6		4.41		TAS				m_e	
BFO	163.93		PKPab	07:09:26.929		24.6		4.41		TAS				m_e	
BRG	160.03		PKPab	07:09:09.953	-0.5	24.6		4.41		TAS				m_e	
BSEG	158.22		PKPab	07:09:02.354	0.7	24.6		4.41		TAS				m_e	
BUG	161.16		PKPab	07:09:15.963	-0.2	24.6		4.41		TAS				m_e	
CLL	159.95		PKPab	07:09:09.258	-0.5	24.6		4.41		TAS				m_e	
CLZ	160.17		PKPab	07:09:10.401	-0.1	24.6		4.41		TAS				m_e	
FBE	160.18		PKPab	07:09:10.445	0.2	24.6		4.41		TAS				m_e	
FLT1	159.51		PKPab	07:09:07.473	-0.1	24.6		4.41		TAS				m_e	
FUR	163.25		PKPab	07:09:24.090		24.6		4.41		TAS				m_e	
GEC2	161.82		PKPab	07:09:18.668	-0.3	24.6		4.41		TAS				m_e	
GRA1	161.91		PKPab	07:09:18.147	-0.3	24.6		4.41		TAS				m_e	
GRA1	161.91		L	08:28:58.595						T__		2347.0	18.20	a_e Ms	6.1
GTTG	160.54		PKPab	07:09:11.963	0.5	24.6		4.41		TAS				m_e	
GUNZ	160.99		PKPab	07:09:14.426	0.3	24.6		4.41		TAS				m_e	
IBBN	160.25		PKPab	07:09:11.489	-0.4	24.6		4.41		TAS				m_e	
KAST	161.19		PKPab	07:09:15.682	-0.2	24.6		4.41		TAS				m_e	
MANZ	161.39		PKPab	07:09:16.134	0.6	24.6		4.41		TAS				m_e	
MOX	160.95		PKPab	07:09:14.060	0.2	24.6		4.41		TAS				m_e	
MOX	160.95		L	08:32:44.900						T__		1593.3	18.70	a_e Ms	5.9
NEUB	160.41		PKPab	07:09:11.316	-0.2	24.6		4.41		TAS				m_e	
NRDL	159.62		PKPab	07:09:08.094	-0.3	24.6		4.41		TAS				m_e	
PLN	160.93		PKPab	07:09:14.060	0.2	24.6		4.41		TAS				m_e	
RJOB	163.08		PKPab	07:09:23.919		24.6		4.41		TAS				m_e	
ROTZ	161.55		PKPab	07:09:16.800	-0.3	24.6		4.41		TAS				m_e	
TANN	160.90		PKPab	07:09:13.981	-0.3	24.6		4.41		TAS				m_e	
TNS	162.12		PKPab	07:09:19.339		24.6		4.41		TAS				m_e	
UBBA	161.21		PKPab	07:09:15.471	-0.2	24.6		4.41		TAS				m_e	
WERD	160.92		PKPab	07:09:13.788	-0.2	24.6		4.41		TAS				m_e	
WERN	161.04		PKPab	07:09:14.731	0.3	24.6		4.41		TAS				m_e	
WET	161.87		PKPab	07:09:18.232	-0.3	24.6		4.41		TAS				m_e	
WLF	163.06		PKPab	07:09:23.853		24.6		4.41		TAS				m_e	

Event 50908006 Near coast of Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/08	08:04:07.35		15.0030	-93.1180					33.0			29		84.58	89.52	m i ke	BGR
50908012																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.1		BGR	50908012
MBB	6.5		BGR	50908012
Ms	5.8		BGR	50908012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	84.90		P	08:16:34.721	0.5	290.5		4.78		TAS		159.9	1.38	m_e	MBB	6.6
ASSE	86.53		P	08:16:42.060	-0.3	290.5		4.78		TAS		241.0	2.06	m_e	MBB	6.3
BFO	86.35		P	08:16:41.392		290.5		4.78		TAS				m_e		
BRG	88.89		P	08:16:53.704		290.5		4.78		TAS				m_e		
BSEG	85.72		P	08:16:38.287	0.3	290.5		4.78		TAS		217.5	1.60	m_e	MBB	6.5
BUG	84.75		P	08:16:33.818	-0.5	290.5		4.78		TAS		219.5	1.77	m_e	MBB	6.6
CLL	88.18		P	08:16:50.327	0.4	290.5		4.78		TAS		293.4	2.76	m_e	MBB	6.5
CLZ	86.45		P	08:16:41.733	0.0	290.5		4.78		TAS		207.9	1.92	m_e	MBB	6.4
FBE	88.53		P	08:16:52.172	-0.2	290.5		4.78		TAS		520.4	2.82	m_e	MBB	6.3
FLT1	86.79		P	08:16:43.346	0.2	290.5		4.78		TAS		359.4	2.31	m_e	MBB	6.4
GEC2	89.52		P	08:16:56.772		290.5		4.78		TAS		50.2	1.53	m_e	MBB	6.4
GRA1	87.70		P	08:16:47.939	0.2	290.5		4.78		TAS		325.5	2.16	m_e	mb	6.3
GRA1	87.70		L	08:53:00.262						T__		2826.8	21.60	a_e	Ms	5.6
GTTG	86.31		P	08:16:41.278	0.4	290.5		4.78		TAS				m_e		
GUNZ	88.13		P	08:16:50.093		290.5		4.78		TAS		371.9	2.70	m_e	MBB	6.3
IBBN	84.77		P	08:16:34.075	-0.1	290.5		4.78		TAS		273.5	1.69	m_e	MBB	6.7
KAST	85.50		P	08:16:37.594	0.4	290.5		4.78		TAS		172.3	1.71	m_e	MBB	6.4
MANZ	88.13		P	08:16:50.053	0.1	290.5		4.78		TAS		228.6	2.41	m_e	MBB	6.5
MILB	86.47		P	08:16:42.169	-0.3	290.5		4.78		TAS				m_e		
MOX	87.60		P	08:16:47.462	-0.1	290.5		4.78		TAS		325.7	2.63	m_e	MBB	6.5
MOX	87.60		L	08:57:14.732						T__		4703.1	18.90	a_e	Ms	5.9
NEUB	87.50		P	08:16:46.913	0.2	290.5		4.78		TAS		154.0	1.93	m_e	MBB	6.4
NRDL	86.08		P	08:16:40.155	0.4	290.5		4.78		TAS				m_e		
PLN	87.98		P	08:16:49.191	-0.4	290.5		4.78		TAS		377.1	2.82	m_e	MBB	6.5
RJOB	89.37		P	08:16:56.049		290.5		4.78		TAS		1131.2	2.86	m_e	MBB	6.9
ROTZ	88.27		P	08:16:50.878	0.0	290.5		4.78		TAS		434.6	2.96	m_e	MBB	6.5
STU	86.76		P	08:16:43.386	-0.5	290.5		4.78		TAS				m_e		
TANN	88.19		P	08:16:50.388	0.6	290.5		4.78		TAS		389.8	2.74	m_e	MBB	6.5
TNS	85.83		P	08:16:39.157	0.5	290.5		4.78		TAS		110.3	1.26	m_e	MBB	6.4
UBBA	86.58		P	08:16:42.278	-0.6	290.5		4.78		TAS		332.5	2.27	m_e	MBB	6.4
UBR	87.69		P	08:16:47.830	0.2	290.5		4.78		TAS		364.7	2.63	m_e	MBB	6.6
WERD	88.08		P	08:16:49.953	0.1	290.5		4.78		TAS		367.5	2.78	m_e	MBB	6.3
WERN	88.18		P	08:16:50.298	-0.6	290.5		4.78		TAS		410.6	2.67	m_e	MBB	6.3
WET	88.90		P	08:16:53.980		290.5		4.78		TAS		395.2	2.72	m_e	MBB	6.4
WLF	84.58		P	08:16:33.294	-0.4	290.5		4.78		TAS		194.2	1.64	m_e	MBB	6.6

Event 50908007 Fiji Islands region

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

OrigID

2015/09/08 08:19:52.70
50908043

-33.1540 -178.1760

10.0

25

158.36 164.19 m i ke EMSC

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	162.20		PKPab	08:40:40.942	-0.1	25.0		4.39		TAS				m_e	
BFO	164.07		PKPab	08:40:48.853	0.1	25.0		4.39		TAS				m_e	
BRG	160.18		PKPab	08:40:31.635	-0.2	25.0		4.39		TAS				m_e	
BSEG	158.36		PKPab	08:40:24.189	0.2	25.0		4.39		TAS				m_e	
CLL	160.10		PKPab	08:40:30.937	-0.4	25.0		4.39		TAS				m_e	
CLZ	160.31		PKPab	08:40:31.560	-0.7	25.0		4.39		TAS				m_e	
FBE	160.33		PKPab	08:40:32.607	0.2	25.0		4.39		TAS				m_e	
FLT1	159.66		PKPab	08:40:28.840	-0.5	25.0		4.39		TAS				m_e	
GEC2	161.98		PKPab	08:40:39.080	-1.0	25.0		4.39		TAS				m_e	
GRA1	162.06		PKPab	08:40:39.575	-0.3	25.0		4.39		TAS				m_e	
GTTG	160.68		PKPab	08:40:33.729	-0.2	25.0		4.39		TAS				m_e	
GUNZ	161.14		PKPab	08:40:36.295	0.4	25.0		4.39		TAS				m_e	
IBBN	160.38		PKPab	08:40:33.496	0.3	25.0		4.39		TAS				m_e	
MANZ	161.54		PKPab	08:40:37.808	0.2	25.0		4.39		TAS				m_e	
MOX	161.09		PKPab	08:40:35.812	0.2	25.0		4.39		TAS				m_e	
NEUB	160.56		PKPab	08:40:32.951	-0.3	25.0		4.39		TAS				m_e	
PLN	161.08		PKPab	08:40:35.772	0.2	25.0		4.39		TAS				m_e	
RJOB	163.24		PKPab	08:40:45.595	-0.0	25.0		4.39		TAS				m_e	
ROTZ	161.70		PKPab	08:40:38.848	0.5	25.0		4.39		TAS				m_e	
TANN	161.05		PKPab	08:40:35.823	0.3	25.0		4.39		TAS				m_e	
UBR	164.19		PKPab	08:40:49.251	0.0	25.0		4.39		TAS				m_e	
WERD	161.07		PKPab	08:40:35.994	0.4	25.0		4.39		TAS				m_e	
WERN	161.19		PKPab	08:40:36.754	0.7	25.0		4.39		TAS				m_e	
WET	162.02		PKPab	08:40:40.011	0.0	25.0		4.39		TAS				m_e	
WLF	163.19		PKPab	08:40:45.505	-0.1	25.0		4.39		TAS				m_e	

Event 50908010 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/08	17:41:52.81			49.9400	153.7080				33.0			31		72.01	77.81	m i ke	BGR
OrigID																	
50908016																	

Magnitude Err Nsta Author OrigID
mb 5.1 BGR 50908016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.92		P	17:53:31.215	0.2	23.9		5.74		TAS		28.8	1.01	a_e mb	5.4
ASSE	73.58		P	17:53:17.489	0.1	23.9		5.74		TAS		9.1	1.07	m_e mb	4.7
BFO	77.67		P	17:53:41.110	-0.3	23.9		5.74		TAS		17.2	1.05	m_e mb	5.1
BRG	73.86		P	17:53:19.215	-0.1	23.9		5.74		TAS		10.2	0.98	a_e mb	4.8

BSEG	72.01	P	17:53:08.515	0.0	23.9	5.74	TAS	12.7	0.88	m_e	mb	5.1
BUG	75.03	P	17:53:26.203	-0.1	23.9	5.74	TAS	13.0	0.92	m_e	mb	4.9
CLL	73.72	P	17:53:18.215	-0.4	23.9	5.74	TAS	28.5	0.97	a_e	mb	5.3
CLZ	73.92	P	17:53:19.695	0.5	23.9	5.74	TAS	33.1	0.99	m_e	mb	5.3
FBE	73.98	P	17:53:20.215	0.2	23.9	5.74	TAS	18.3	0.93	a_e	mb	5.1
FLT1	73.25	P	17:53:15.570	-0.5	23.9	5.74	TAS	19.1	0.89	m_e	mb	5.2
FUR	77.05	P	17:53:37.592	0.1	23.9	5.74	TAS	25.3	0.89	m_e	mb	5.4
GEC2	75.76	P	17:53:30.365	0.1	23.9	5.74	TAS	9.1	0.91	a_e	mb	4.9
GRA1	75.67	P	17:53:29.862	0.2	23.9	5.74	TAS	35.5	0.96	m_e	mb	5.5
GTTG	74.29	P	17:53:21.526	0.2	23.9	5.74	TAS	11.0	0.94	m_e	mb	4.9
GUNZ	74.76	P	17:53:24.480	0.2	23.9	5.74	TAS	11.7	0.92	m_e	mb	4.9
IBBN	74.12	P	17:53:20.665	-0.0	23.9	5.74	TAS	19.5	0.90	a_e	mb	5.1
KAST	74.98	P	17:53:25.915	0.2	23.9	5.74	TAS	16.0	0.93	a_e	mb	5.0
MANZ	75.16	P	17:53:26.781	-0.3	23.9	5.74	TAS	11.5	0.96	m_e	mb	4.9
MILB	76.04	P	17:53:31.865	0.0	23.9	5.74	TAS	26.9	0.88	a_e	mb	5.4
MOX	74.69	P	17:53:23.859	0.1	23.9	5.74	TAS	13.5	0.93	m_e	mb	5.0
NEUB	74.15	P	17:53:20.865	-0.2	23.9	5.74	TAS	20.4	0.96	a_e	mb	5.1
NRDL	73.38	P	17:53:16.311	-0.0	23.9	5.74	TAS	14.3	0.93	m_e	mb	5.1
RJOB	77.02	P	17:53:37.459	-0.0	23.9	5.74	TAS	43.0	0.89	m_e	mb	5.6
ROTZ	75.34	P	17:53:27.804	-0.0	23.9	5.74	TAS	15.6	0.93	m_e	mb	5.0
TANN	74.68	P	17:53:23.795	-0.3	23.9	5.74	TAS	5.0	0.98	m_e	mb	4.5
TNS	75.88	P	17:53:30.965	0.0	23.9	5.74	TAS	13.8	0.83	a_e	mb	5.1
UBBA	74.95	P	17:53:25.478	-0.5	23.9	5.74	TAS			m_e		
UBR	77.81	P	17:53:41.915	-0.1	23.9	5.74	TAS	10.9	1.04	a_e	mb	4.9
WERD	74.69	P	17:53:24.079	0.2	23.9	5.74	TAS	15.8	1.09	m_e	mb	5.0
WERN	74.82	P	17:53:24.916	0.3	23.9	5.74	TAS	14.2	0.86	m_e	mb	5.0
WET	75.72	P	17:53:30.178	0.1	23.9	5.74	TAS	20.6	0.93	m_e	mb	5.2

Event 50908011 Northwest of Madagascar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/08	23:43:03.39			-10.1250	42.5140				33.0					65.57	65.57	m i ke	BGR
50908017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50908017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	65.57		P	23:53:45.628		137.9		6.95		TAS		14.1	0.96	m_e	mb	5.2

Event 50909001 Kuril Islands, Russia

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

2015/09/09 05:43:51.50
50909007

45.9840 151.1360

33.0

17

75.02 80.67 m i ke BGR

Magnitude Err Nsta Author OrigID
mb 5.3 BGR 50909007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.95		P	05:55:55.312		27.2		5.54		TAS		34.1	0.93	m_e mb	5.4
ASSE	76.53		P	05:55:41.470	0.1	27.2		5.54		TAS		7.1	0.89	m_e mb	4.8
BFO	80.61		P	05:56:04.203		27.2		5.54		TAS				m_e	
BRG	76.68		P	05:55:42.355	0.1	27.2		5.54		TAS				m_e	
BSEG	75.02		P	05:55:33.164	0.0	27.2		5.54		TAS		13.2	0.91	m_e mb	5.0
BUG	78.08		P	05:55:50.346		27.2		5.54		TAS		26.8	0.93	m_e mb	5.4
CLL	76.58		P	05:55:41.993	0.1	27.2		5.54		TAS		36.1	0.85	m_e mb	5.5
CLZ	76.87		P	05:55:43.510	0.1	27.2		5.54		TAS		24.8	0.91	m_e mb	5.3
FBE	76.82		P	05:55:43.422	-0.3	27.2		5.54		TAS		23.3	0.78	m_e mb	5.4
FLT1	76.19		P	05:55:39.621	0.2	27.2		5.54		TAS		20.9	0.85	m_e mb	5.3
FUR	79.89		P	05:56:00.267		27.2		5.54		TAS		35.0	0.74	m_e mb	5.4
GEC2	78.53		P	05:55:52.714		27.2		5.54		TAS		14.7	0.79	m_e mb	5.1
GRA1	78.54		P	05:55:52.874		27.2		5.54		TAS		40.2	0.81	m_e mb	5.5
GTTG	77.25		P	05:55:45.716	0.1	27.2		5.54		TAS		28.6	0.95	m_e mb	5.4
GUNZ	77.62		P	05:55:47.773	0.2	27.2		5.54		TAS		16.9	0.83	m_e mb	5.2
IBBN	77.16		P	05:55:45.252	0.1	27.2		5.54		TAS		33.5	0.82	m_e mb	5.5
KAST	77.99		P	05:55:49.681		27.2		5.54		TAS		22.6	0.91	m_e mb	5.3
MANZ	78.02		P	05:55:49.830		27.2		5.54		TAS		13.7	0.88	m_e mb	5.1
MILB	78.98		P	05:55:55.274		27.2		5.54		TAS		30.0	0.81	m_e mb	5.4
MOX	77.58		P	05:55:47.446	0.1	27.2		5.54		TAS		16.4	0.93	m_e mb	5.1
NEUB	77.05		P	05:55:44.522	0.3	27.2		5.54		TAS		35.6	0.91	m_e mb	5.5
NRDL	76.36		P	05:55:40.633	0.0	27.2		5.54		TAS		12.8	0.90	m_e mb	5.1
RJOB	79.79		P	05:55:59.775		27.2		5.54		TAS		65.5	0.81	m_e mb	5.6
ROTZ	78.18		P	05:55:50.743		27.2		5.54		TAS		15.4	0.83	m_e mb	5.2
RUE	75.33		P	05:55:34.960	0.0	27.2		5.54		TAS		27.8	0.72	m_e mb	5.4
STU	79.96		P	05:56:00.598		27.2		5.54		TAS		53.6	0.84	m_e mb	5.5
TANN	77.53		P	05:55:47.261	0.1	27.2		5.54		TAS		6.3	0.83	m_e mb	4.8
TNS	78.87		P	05:55:54.654		27.2		5.54		TAS		46.4	1.18	m_e mb	5.4
UBBA	77.89		P	05:55:48.974		27.2		5.54		TAS				m_e	
UBR	80.67		P	05:56:04.426		27.2		5.54		TAS		6.7	0.80	m_e mb	4.7
WERD	77.55		P	05:55:47.401	0.1	27.2		5.54		TAS		14.5	0.85	m_e mb	5.1
WERN	77.67		P	05:55:48.022	-0.3	27.2		5.54		TAS		22.6	0.86	m_e mb	5.3
WET	78.53		P	05:55:52.679		27.2		5.54		TAS		32.6	0.91	m_e mb	5.4
WLF	79.99		P	05:56:01.267		27.2		5.54		TAS				m_e	

Event 50909002 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
2015/09/09	06:02:35.73		36.1840	140.6400					33.0					83.49	83.49	m i ke	BGR

50909008

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50909008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	83.49		P	06:14:58.994		45.0		4.53		TAS		8.9	0.73	m_e	mb 5.1

Event 50909005 Southeastern Afghanistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/09	21:03:14.92			34.4840	70.8540				74.3	3.6		34		43.67	48.87	m i ke	BGR
OrigID 50909011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50909011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	48.18		P	21:11:45.006		86.1		7.89		TAS		19.5	0.88	m_e	mb 5.2
BFO	47.62		P	21:11:40.636	-0.0	86.1		7.89		TAS		31.0	1.24	m_e	mb 5.3
BFO	47.62		sP	21:12:08.604	0.7					T__				m_e	
BRG	43.80		P	21:11:10.352	-0.3	86.1		7.89		TAS		23.8	0.76	m_e	mb 5.0
BSEG	45.99		P	21:11:26.732	0.3	86.1		7.89		TAS		23.1	0.86	m_e	mb 5.2
BUG	47.97		P	21:11:43.025	0.2	86.1		7.89		TAS		27.6	1.00	m_e	mb 5.3
CLL	44.39		P	21:11:14.717	-0.8	86.1		7.89		TAS		11.8	0.79	m_e	mb 4.7
CLZ	46.01		P	21:11:27.952	-0.1	86.1		7.89		TAS		20.2	0.98	m_e	mb 5.1
FBE	44.17		P	21:11:13.341	0.1	86.1		7.89		TAS		29.4	0.81	m_e	mb 5.1
FLT1	45.46		P	21:11:22.616	0.3	86.1		7.89		TAS				m_e	
FUR	45.68		P	21:11:25.449	0.1	86.1		7.89		TAS		24.7	0.72	m_e	mb 5.3
GEC2	44.02		P	21:11:11.956	0.0	86.1		7.89		TAS		6.8	0.81	m_e	mb 4.4
GRA1	45.59		P	21:11:24.956	0.7	86.1		7.89		TAS		11.6	0.75	m_e	mb 5.0
GTTG	46.28		P	21:11:29.918	0.0	86.1		7.89		TAS		32.1	0.91	m_e	mb 5.3
GTTG	46.28		sP	21:11:57.524	0.7					T__				m_e	
GUNZ	44.84		P	21:11:18.918	0.4	86.1		7.89		TAS		11.0	0.87	m_e	mb 4.8
HLG	47.42		P	21:11:37.780	-0.0	86.1		7.89		TAS				m_e	
IBBN	47.60		P	21:11:40.123	-0.3	86.1		7.89		TAS		39.3	0.92	m_e	mb 5.5
KAST	47.27		P	21:11:37.702	-0.2	86.1		7.89		TAS				m_e	
LNIZ	43.67		P	21:11:08.152	-0.6	86.1		7.89		TAS		36.1	0.77	m_e	mb 5.2
MANZ	45.00		P	21:11:20.264	-0.1	86.1		7.89		TAS		11.9	0.86	m_e	mb 4.8
MILB	46.83		P	21:11:34.459	-0.5	86.1		7.89		TAS		16.2	0.82	m_e	mb 5.2
MOX	45.28		P	21:11:22.241	0.9	86.1		7.89		TAS		8.9	0.77	m_e	mb 4.8
NEUB	45.16		P	21:11:21.258	-0.7	86.1		7.89		TAS		28.3	0.80	m_e	mb 5.2
NEUB	45.16		sP	21:11:48.145	0.7					T__				m_e	
NRDL	46.15		P	21:11:28.700	-0.4	86.1		7.89		TAS		19.1	0.88	m_e	mb 5.1
RGN	44.24		P	21:11:12.202	0.9	86.1		7.89		TAS		68.4	0.86	m_e	mb 5.4
RJOB	44.70		P	21:11:17.485	0.0	86.1		7.89		TAS				m_e	

ROTZ	44.95	P	21:11:19.813	-0.1	86.1	7.89	TAS	15.4	0.98	m_e	mb	4.9
RUE	43.90	P	21:11:10.492	-0.5	86.1	7.89	TAS	20.5	0.84	m_e	mb	4.9
STU	47.00	P	21:11:35.647	0.3	86.1	7.89	TAS	41.5	0.75	m_e	mb	5.6
TANN	44.75	P	21:11:18.165	-0.8	86.1	7.89	TAS	9.8	0.92	m_e	mb	4.7
TNS	47.33	P	21:11:38.391	-0.6	86.1	7.89	TAS	11.0	0.91	m_e	mb	5.0
UBBA	46.30	P	21:11:30.189	-0.1	86.1	7.89	TAS			m_e		
UBR	46.51	P	21:11:31.837	0.3	86.1	7.89	TAS	25.3	0.80	m_e	mb	5.4
WERD	44.85	P	21:11:19.067	0.6	86.1	7.89	TAS	12.8	0.88	m_e	mb	4.9
WERD	44.85	sP	21:11:45.042	0.7			T__			m_e		
WERN	44.81	P	21:11:18.543	-0.1	86.1	7.89	TAS	3.8	0.82	m_e	mb	4.4
WET	44.55	P	21:11:16.299	-0.8	86.1	7.89	TAS			m_e		
WLF	48.87	P	21:11:50.611		86.1	7.89	TAS	40.1	0.94	m_e	mb	5.4

Event 50910001 Near coast of Venezuela

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/10	07:49:18.10			10.7910	-63.3740				33.0					71.88	71.88	m i ke	BGR
OrigID 50910007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50910007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	71.88		P	08:00:41.342		260.5		6.61		TAS		10.3	1.02	m_e	mb 4.9

Event 50910002 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/10	08:11:36.30			32.4340	29.1040				33.0					21.79	21.79	m i ke	BGR
OrigID 50910008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50910008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.79		P	08:16:28.504		131.0		10.81		TAS		4.5	0.29	m_e	mb 4.4

Event 50910003 Fiji Islands region

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

2015/09/10 08:59:46.25
50910009

-20.7690 -177.6480

512.5

12

146.33 152.43 m i ke BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	152.09		PKPbc	09:18:46.174		17.8		2.37		TAS				m_e	
BRG	148.60		PKPbc	09:18:37.885	-0.2	17.8		2.37		TAS				m_e	
BSEG	146.33		PKPbc	09:18:32.191	-0.4	17.8		2.37		TAS				m_e	
CLL	148.40		PKPbc	09:18:37.332	0.5	17.8		2.37		TAS				m_e	
CLZ	148.36		PKPbc	09:18:37.241	-0.2	17.8		2.37		TAS				m_e	
FBE	148.69		PKPbc	09:18:38.212	-0.2	17.8		2.37		TAS				m_e	
FLT1	147.75		PKPbc	09:18:35.585	-0.2	17.8		2.37		TAS				m_e	
GEC2	150.55		PKPbc	09:18:42.729		17.8		2.37		TAS				m_e	
GRA1	150.29		PKPbc	09:18:42.331	-0.5	17.8		2.37		TAS				m_e	
GTTG	148.71		PKPbc	09:18:38.300	0.2	17.8		2.37		TAS				m_e	
GUNZ	149.43		PKPbc	09:18:40.303	-0.5	17.8		2.37		TAS				m_e	
KAST	149.26		PKPbc	09:18:39.782	0.2	17.8		2.37		TAS				m_e	
MANZ	149.83		PKPbc	09:18:41.130	-0.5	17.8		2.37		TAS				m_e	
MILB	150.48		PKPbc	09:18:42.579		17.8		2.37		TAS				m_e	
MOX	149.30		PKPbc	09:18:39.628	-0.5	17.8		2.37		TAS				m_e	
NRDL	147.77		PKPbc	09:18:35.714	0.0	17.8		2.37		TAS				m_e	
RJOB	151.80		PKPbc	09:18:45.356		17.8		2.37		TAS				m_e	
ROTZ	150.02		PKPbc	09:18:41.701	-0.5	17.8		2.37		TAS				m_e	
TANN	149.35		PKPbc	09:18:39.880	-0.5	17.8		2.37		TAS				m_e	
TNS	150.21		PKPbc	09:18:42.337	-0.5	17.8		2.37		TAS				m_e	
UBR	152.43		PKPbc	09:18:46.753		17.8		2.37		TAS				m_e	
WERD	149.35		PKPbc	09:18:40.043	-0.5	17.8		2.37		TAS				m_e	
WERN	149.49		PKPbc	09:18:40.495	-0.5	17.8		2.37		TAS				m_e	
WET	150.46		PKPbc	09:18:42.741	-0.5	17.8		2.37		TAS				m_e	

Event 50910006 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/10	10:26:53.92		53.8600	-175.5300				33.0				32		72.46	78.72	m i ke	BGR
OrigID																	
50910012																	

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 50910012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.95		P	10:38:41.813		4.1		5.71		TAS		15.7	0.73	m_e mb	5.2
BFO	78.13		P	10:38:54.053		4.1		5.71		TAS		12.5	0.98	m_e mb	5.0
BRG	75.34		P	10:38:38.308	0.9	4.1		5.71		TAS		8.7	0.70	m_e mb	4.9
BSEG	72.46		P	10:38:21.674		4.1		5.71		TAS		15.9	0.80	m_e mb	5.2
BUG	75.05		P	10:38:36.680		4.1		5.71		TAS				m_e	

CLL	74.96	P	10:38:36.243	4.1	5.71	TAS	12.1	0.63	m_e	mb	5.1
CLZ	74.55	P	10:38:33.409	4.1	5.71	TAS			m_e		
FBE	75.33	P	10:38:38.375	-0.2	4.1	5.71	TAS		m_e		
FLT1	74.03	P	10:38:30.664	4.1	5.71	TAS	12.1	0.66	m_e	mb	5.1
FUR	78.19	P	10:38:54.572	4.1	5.71	TAS			m_e		
GEC2	77.37	P	10:38:49.869	-0.1	4.1	5.71	TAS		m_e		
GRA1	76.67	P	10:38:45.878	4.1	5.71	TAS			m_e		
GTTG	74.87	P	10:38:35.513	4.1	5.71	TAS			m_e		
GUNZ	75.94	P	10:38:41.642	4.1	5.71	TAS			m_e		
IBBN	74.17	P	10:38:31.421	4.1	5.71	TAS	23.7	0.74	m_e	mb	5.3
KAST	75.26	P	10:38:37.869	4.1	5.71	TAS			m_e		
MANZ	76.33	P	10:38:43.767	0.0	4.1	5.71	TAS		m_e		
MILB	76.61	P	10:38:45.609	4.1	5.71	TAS	19.9	0.73	m_e	mb	5.3
MOX	75.70	P	10:38:40.655	4.1	5.71	TAS	10.5	0.71	m_e	mb	5.1
NEUB	75.14	P	10:38:36.998	4.1	5.71	TAS			m_e		
NRDL	73.91	P	10:38:30.399	4.1	5.71	TAS	11.2	0.81	m_e	mb	4.9
RJOB	78.53	P	10:38:56.274	4.1	5.71	TAS	48.5	0.82	m_e	mb	5.6
ROTZ	76.54	P	10:38:44.766	0.3	4.1	5.71	TAS		m_e		
STU	77.67	P	10:38:51.487	4.1	5.71	TAS			m_e		
TANN	75.88	P	10:38:41.438	4.1	5.71	TAS			m_e		
TNS	76.24	P	10:38:43.764	4.1	5.71	TAS	11.9	0.71	m_e	mb	5.1
UBBA	75.59	P	10:38:39.775	4.1	5.71	TAS			m_e		
UBR	78.72	P	10:38:57.644	4.1	5.71	TAS			m_e		
WERD	75.86	P	10:38:41.353	4.1	5.71	TAS			m_e		
WERN	76.01	P	10:38:42.453	0.1	4.1	5.71	TAS		m_e		
WET	77.13	P	10:38:48.434	4.1	5.71	TAS			m_e		
WLF	76.84	P	10:38:46.763	4.1	5.71	TAS			m_e		

Event 50910008 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/10	16:59:41.92			52.8560	-173.1440				33.0			26		73.54	79.80	m i ke	BGR
50910014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50910014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	79.18		P	17:11:45.501	-0.1	2.7		5.60		TAS		14.5	1.25	m_e	mb	4.9
BRG	76.47		P	17:11:30.652	-0.1	2.7		5.60		TAS		9.4	1.09	m_e	mb	4.8
BSEG	73.54		P	17:11:13.876	0.0	2.7		5.60		TAS		11.3	1.00	m_e	mb	4.9
CLL	76.08		P	17:11:28.332	-0.4	2.7		5.60		TAS		4.0	0.88	m_e	mb	4.6
CLZ	75.63		P	17:11:26.041	0.5	2.7		5.60		TAS		12.7	1.11	m_e	mb	5.0
FBE	76.45		P	17:11:30.530	0.2	2.7		5.60		TAS		12.9	1.13	m_e	mb	5.0
FLT1	75.12		P	17:11:22.469	0.6	2.7		5.60		TAS		3.6	0.76	m_e	mb	4.5
GEC2	78.51		P	17:11:42.179	0.1	2.7		5.60		TAS		7.1	1.08	m_e	mb	4.6

GRA1	77.76	P	17:11:38.001	0.1	2.7	5.60	TAS	8.3	0.74	m_e	mb	4.9
GTTG	75.94	P	17:11:27.737	-0.2	2.7	5.60	TAS			m_e		
GUNZ	77.05	P	17:11:33.678	-0.1	2.7	5.60	TAS	3.2	0.99	m_e	mb	4.4
IBBN	75.21	P	17:11:23.402	0.0	2.7	5.60	TAS			m_e		
KAST	76.31	P	17:11:29.485	0.3	2.7	5.60	TAS			m_e		
MANZ	77.44	P	17:11:36.080	0.1	2.7	5.60	TAS	2.3	0.88	m_e	mb	4.3
MILB	77.67	P	17:11:37.325	0.5	2.7	5.60	TAS	7.8	0.89	m_e	mb	4.8
MOX	76.80	P	17:11:32.285	0.1	2.7	5.60	TAS	8.8	1.06	m_e	mb	4.8
NEUB	76.24	P	17:11:29.266	0.2	2.7	5.60	TAS	9.3	0.86	m_e	mb	4.9
NRDL	74.99	P	17:11:21.735	-0.8	2.7	5.60	TAS	5.8	0.91	m_e	mb	4.6
RJOB	79.66	P	17:11:48.615		2.7	5.60	TAS	26.4	1.02	m_e	mb	5.1
ROTZ	77.65	P	17:11:37.376	0.5	2.7	5.60	TAS	4.6	0.97	m_e	mb	4.6
TANN	77.00	P	17:11:33.363	0.2	2.7	5.60	TAS			m_e		
TNS	77.29	P	17:11:35.119	-0.3	2.7	5.60	TAS	5.3	0.84	m_e	mb	4.7
UBBA	76.67	P	17:11:31.661	-0.2	2.7	5.60	TAS			m_e		
UBR	79.80	P	17:11:49.240		2.7	5.60	TAS	9.6	1.11	m_e	mb	4.6
WERD	76.97	P	17:11:33.351	-0.2	2.7	5.60	TAS	1.9	0.90	m_e	mb	4.2
WERN	77.13	P	17:11:33.899	-0.0	2.7	5.60	TAS			m_e		
WET	78.25	P	17:11:40.642	-0.6	2.7	5.60	TAS	6.1	1.05	m_e	mb	4.7
WLF	77.85	P	17:11:38.817	0.0	2.7	5.60	TAS	5.5	0.83	m_e	mb	4.7

Event 50911008 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/11	01:28:54.06			-16.6020	-178.4310				33.0			13		142.12	146.08	m i ke	BGR
OrigID 50911014																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.2		BGR	50911014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	144.40		PKPbc	01:48:24.981		16.7		3.07		TAS				m_e		
BSEG	142.12		PKPbc	01:48:17.884	0.2	16.7		3.07		TAS				m_e		
CLL	144.19		PKPbc	01:48:24.243		16.7		3.07		TAS				m_e		
CLZ	144.15		PKPbc	01:48:24.447	0.2	16.7		3.07		TAS				m_e		
FBE	144.48		PKPbc	01:48:25.595		16.7		3.07		TAS				m_e		
FLT1	143.54		PKPbc	01:48:22.034	0.0	16.7		3.07		TAS				m_e		
GRA1	146.08		L	02:49:46.015						T__		40.4	18.60	a_e	Ms	4.2
GTTG	144.50		PKPbc	01:48:25.387	-0.2	16.7		3.07		TAS				m_e		
GUNZ	145.22		PKPbc	01:48:27.698		16.7		3.07		TAS				m_e		
MANZ	145.63		PKPbc	01:48:28.505		16.7		3.07		TAS				m_e		
MOX	145.09		L	02:46:37.843						T__		35.8	20.10	a_e	Ms	4.1
NRDL	143.56		PKPbc	01:48:22.626	-0.1	16.7		3.07		TAS				m_e		
ROTZ	145.81		PKPbc	01:48:29.027		16.7		3.07		TAS				m_e		
TANN	145.15		PKPbc	01:48:27.248		16.7		3.07		TAS				m_e		
WERD	145.15		PKPbc	01:48:27.248		16.7		3.07		TAS				m_e		

Event 50911009 Near south coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/11	20:49:00.87			34.2620	139.6810				33.0					81.88	87.01	m i ke	BGR
OrigID																	
50911015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50911015
Ms	4.5		BGR	50911015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	87.01		L	21:39:38.448						T__		252.6	18.60	a_e Ms	4.7
BRG	82.70		P	21:01:19.602		45.0		4.52		TAS		5.5	0.72	m_e mb	4.9
BSEG	81.88		L	21:39:49.979						T__		312.2	19.10	a_e Ms	4.7
CLL	82.78		P	21:01:19.768		45.0		4.52		TAS		15.0	0.92	m_e mb	5.2
CLL	82.78		L	21:41:24.451						T__		188.4	21.60	a_e Ms	4.4
FUR	85.88		L	21:40:58.365						T__		178.5	21.80	a_e Ms	4.4
GEC2	84.30		L	21:40:28.583						T__		232.0	19.50	a_e Ms	4.6
GRA1	84.75		P	21:01:30.553		45.0		4.52		TAS		14.2	0.92	m_e mb	5.2
GRA1	84.75		L	21:41:56.483						T__		147.5	19.10	a_e Ms	4.4
MOX	83.86		P	21:01:25.596		45.0		4.52		TAS		4.8	0.73	m_e mb	4.8
MOX	83.86		L	21:40:10.477						T__		208.4	21.70	a_e Ms	4.5
TNS	85.48		L	21:43:24.937						T__		101.7	21.30	a_e Ms	4.2
WET	84.44		L	21:39:52.741						T__		226.2	19.50	a_e Ms	4.6

Event 50911010 Near coast of Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/11	21:16:12.60			14.5100	-93.8400				30.0					85.56	90.34	m i ke	EMSC
OrigID																	
50911042																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50911016
Ms	5.2		BGR	50911016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	85.72		P	21:28:48.445		290.7		4.84		TAS		18.7	1.15	m_e mb	5.1
BFO	87.18		P	21:28:54.704		290.7		4.84		TAS		24.6	1.69	m_e mb	5.1
BFO	87.18		L	22:10:46.267						T__		1159.8	18.50	a_e Ms	5.3
BSEG	86.52		P	21:28:51.934		290.7		4.84		TAS		70.0	1.74	m_e mb	5.5
BSEG	86.52		L	22:11:49.364						T__		985.2	18.50	a_e Ms	5.2
BUG	85.56		P	21:28:46.675		290.7		4.84		TAS		401.3	3.51	m_e mb	6.0

CLL	88.99	L	22:08:48.869						T__	571.8	21.80	a_e	Ms	5.0
FUR	89.09	L	22:12:25.161						T__	825.7	18.30	a_e	Ms	5.2
GEC2	90.34	L	22:05:54.969						T__	1053.3	21.70	a_e	Ms	5.2
GRA1	88.52	P	21:29:01.827	290.7	4.84				TAS	80.8	1.98	m_e	mb	5.6
GRA1	88.52	L	22:09:21.117						T__	910.3	20.10	a_e	Ms	5.2
KAST	86.32	P	21:28:50.299	290.7	4.84				TAS	15.6	1.26	m_e	mb	5.0
MOX	88.42	P	21:29:00.222	290.7	4.84				TAS	87.3	2.46	m_e	mb	5.6
MOX	88.42	L	22:09:27.214						T__	1310.8	19.20	a_e	Ms	5.4
NRDL	86.89	P	21:28:53.349	290.7	4.84				TAS	59.8	1.92	m_e	mb	5.4
TNS	86.65	L	22:04:04.585						T__	653.3	21.60	a_e	Ms	5.0
WET	89.72	L	22:09:47.358						T__	1147.0	19.70	a_e	Ms	5.3

Event 50912003 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
2015/09/12	02:44:50.86			36.4170	141.7460				33.0					79.61	85.97	m i ke	BGR
OrigID 50912009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50912009
Ms	3.9		BGR	50912009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	85.97		P	02:57:26.220		41.4		4.46		TAS		9.9	1.05	m_e	mb	4.9
BFO	85.97		L	03:34:54.970						T__		30.5	21.80	a_e	Ms	3.7
BSEG	80.73		L	03:33:19.583						T__		52.5	18.40	a_e	Ms	3.9
CLL	81.76		P	02:57:04.476		41.4		4.46		TAS		8.0	0.90	m_e	mb	4.8
FUR	84.92		L	03:36:54.955						T__		45.2	21.10	a_e	Ms	3.8
GEC2	83.38		P	02:57:13.279		41.4		4.46		TAS		3.1	0.62	m_e	mb	4.7
GRA1	83.74		P	02:57:15.367		41.4		4.46		TAS		14.3	0.97	m_e	mb	5.2
GRA1	83.74		L	03:37:11.893						T__		64.8	18.20	a_e	Ms	4.0
LNIZ	79.61		L	03:35:52.588						T__		60.8	19.80	a_e	Ms	3.9
MOX	82.83		L	03:36:32.436						T__		51.4	20.80	a_e	Ms	3.9
WET	83.49		L	03:37:14.770						T__		76.1	18.50	a_e	Ms	4.1

Event 50912004 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/12	13:38:04.81			42.6630	142.7440				33.0					74.52	80.89	m i ke	BGR
OrigID 50912010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50912010

Ms 5.2 BGR 50912010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.44		P	13:50:05.839		34.2		5.52		TAS		47.1	1.38	m_e	mb 5.3
BFO	80.89		P	13:50:13.439		34.2		5.52		TAS		82.4	1.73	m_e	mb 5.5
BFO	80.89		L	14:29:32.486						T__		706.6	19.10	a_e	Ms 5.0
BRG	76.73		P	13:49:50.627	0.3	34.2		5.52		TAS		71.5	1.98	m_e	mb 5.5
BSEG	75.51		P	13:49:44.380	-0.5	34.2		5.52		TAS		30.6	0.88	m_e	mb 5.4
BSEG	75.51		L	14:25:52.882						T__		1918.3	21.40	a_e	Ms 5.4
BUG	78.61		P	13:50:01.212	0.4	34.2		5.52		TAS		38.2	1.05	m_e	mb 5.4
CLL	76.73		P	13:49:50.496	-0.3	34.2		5.52		TAS		33.9	0.98	m_e	mb 5.4
CLL	76.73		L	14:26:38.920						T__		1607.8	21.50	a_e	Ms 5.3
CLZ	77.22		P	13:49:53.946	0.0	34.2		5.52		TAS		41.4	1.00	m_e	mb 5.5
FBE	76.91		P	13:49:52.036	0.1	34.2		5.52		TAS		108.2	1.87	m_e	mb 5.7
FLT1	76.52		P	13:49:49.367	0.1	34.2		5.52		TAS		41.7	0.89	m_e	mb 5.6
FUR	79.95		L	14:28:59.053						T__		1595.3	20.00	a_e	Ms 5.4
GEC2	78.47		P	13:50:00.363	-0.1	34.2		5.52		TAS		63.6	1.94	m_e	mb 5.4
GEC2	78.47		L	14:28:18.624						T__		673.6	19.60	a_e	Ms 5.0
GRA1	78.70		P	13:50:02.428	-0.2	34.2		5.52		TAS		42.1	0.84	m_e	mb 5.5
GRA1	78.70		L	14:27:48.460						T__		1362.1	21.50	a_e	Ms 5.2
GTTG	77.61		P	13:49:55.934	0.1	34.2		5.52		TAS		35.1	1.09	m_e	mb 5.4
GUNZ	77.74		P	13:49:56.713	0.1	34.2		5.52		TAS		43.4	1.71	m_e	mb 5.3
IBBN	77.72		P	13:49:56.418	0.2	34.2		5.52		TAS		35.2	0.98	m_e	mb 5.5
KAST	78.43		P	13:50:00.396	-0.0	34.2		5.52		TAS		59.7	1.73	a_e	mb 5.4
LNIZ	74.52		L	14:25:09.508						T__		1784.9	21.60	a_e	Ms 5.3
MILB	79.28		P	13:50:04.946		34.2		5.52		TAS		21.8	1.16	a_e	mb 5.1
MOX	77.77		P	13:49:56.689	-0.2	34.2		5.52		TAS		43.4	1.55	m_e	mb 5.3
MOX	77.77		L	14:27:20.083						T__		1346.4	21.20	a_e	Ms 5.2
NEUB	77.27		P	13:49:53.648	0.1	34.2		5.52		TAS		39.3	0.96	m_e	mb 5.5
NRDL	76.77		P	13:49:51.246	0.1	34.2		5.52		TAS		88.7	1.97	a_e	mb 5.6
PLN	77.71		P	13:49:56.380	-0.3	34.2		5.52		TAS		49.0	1.70	m_e	mb 5.4
RJOB	79.72		P	13:50:07.854		34.2		5.52		TAS		134.6	1.18	m_e	mb 5.8
ROTZ	78.28		P	13:49:59.715	0.6	34.2		5.52		TAS		92.7	1.99	m_e	mb 5.6
RUE	75.50		P	13:49:44.046	-0.3	34.2		5.52		TAS		139.3	1.75	a_e	mb 5.7
STU	80.21		P	13:50:10.006		34.2		5.52		TAS		96.9	1.10	m_e	mb 5.6
TANN	77.65		P	13:49:55.893	-0.0	34.2		5.52		TAS		50.2	1.94	m_e	mb 5.3
TNS	79.25		P	13:50:04.775	-0.5	34.2		5.52		TAS		35.8	1.43	m_e	mb 5.2
TNS	79.25		L	14:27:43.859						T__		1226.9	22.00	a_e	Ms 5.2
UBBA	78.21		P	13:49:58.823	-0.0	34.2		5.52		TAS		107.2	2.09	m_e	mb 5.6
WERD	77.68		P	13:49:56.296	0.2	34.2		5.52		TAS		35.3	1.50	a_e	mb 5.3
WERN	77.79		P	13:49:57.009	0.3	34.2		5.52		TAS		48.3	1.85	m_e	mb 5.3
WET	78.54		P	13:50:01.234	-0.0	34.2		5.52		TAS		40.5	1.34	m_e	mb 5.3
WET	78.54		L	14:27:47.032						T__		1030.3	20.00	a_e	Ms 5.2

Event 50912005 South of Fiji Islands

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

OrigID
 2015/09/12 16:42:35.50 -25.1700 -176.9600 100.0 150.50 156.51 m i ke EMSC
 50912037

Magnitude Err Nsta Author OrigID
 Ms 4.3 BGR 50912011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	154.48		PKPab	17:02:39.562		17.6		0.00		TAS				m_e	
ASSE	152.46		PKPdf	17:02:20.297		17.6		0.00		TAS				m_e	
BFO	156.51		PKPab	17:02:48.033		17.6		0.00		TAS				m_e	
BFO	156.51		L	17:57:24.524						T__		57.7	19.80	a_e Ms	4.4
BRG	153.00		PKPdf	17:02:21.657		17.6		0.00		TAS				m_e	
BSEG	150.76		PKPdf	17:02:16.652		17.6		0.00		TAS				m_e	
BSEG	150.76		L	18:03:01.414						T__		53.7	21.60	a_e Ms	4.3
BUG	153.57		PKPdf	17:02:22.329		17.6		0.00		TAS				m_e	
BUG	153.57		PKPab	17:02:35.301		17.6		0.00		TAS				m_e	
CLL	152.81		PKPdf	17:02:20.892		17.6		0.00		TAS				m_e	
CLL	152.81		L	17:59:23.279						T__		35.8	19.10	a_e Ms	4.2
CLZ	152.79		PKPdf	17:02:21.242		17.6		0.00		TAS				m_e	
FBE	153.09		PKPdf	17:02:22.057		17.6		0.00		TAS				m_e	
FLT1	152.17		PKPdf	17:02:19.533		17.6		0.00		TAS				m_e	
FUR	156.15		PKPab	17:02:47.066		17.6		0.00		TAS				m_e	
FUR	156.15		L	18:02:45.765						T__		59.9	21.50	a_e Ms	4.4
GEC2	154.93		PKPab	17:02:41.513		17.6		0.00		TAS				m_e	
GEC2	154.93		L	18:05:44.280						T__		42.9	20.50	a_e Ms	4.3
GRA1	154.71		PKPab	17:02:41.047		17.6		0.00		TAS				m_e	
GRA1	154.71		L	18:05:37.097						T__		44.2	20.40	a_e Ms	4.3
GTTG	153.13		PKPab	17:02:33.670		17.6		0.00		TAS				m_e	
GUNZ	153.84		PKPab	17:02:36.582		17.6		0.00		TAS				m_e	
IBBN	152.66		PKPab	17:02:32.078		17.6		0.00		TAS				m_e	
KAST	153.68		PKPab	17:02:35.922		17.6		0.00		TAS				m_e	
LNIZ	150.50		PKPdf	17:02:16.496		17.6		0.00		TAS				m_e	
MILB	154.91		PKPdf	17:02:25.513		17.6		0.00		TAS				m_e	
MOX	153.72		PKPdf	17:02:22.940		17.6		0.00		TAS				m_e	
MOX	153.72		PKPab	17:02:36.103		17.6		0.00		TAS				m_e	
MOX	153.72		L	18:01:39.443						T__		32.3	21.30	a_e Ms	4.1
NEUB	153.16		PKPdf	17:02:21.824		17.6		0.00		TAS				m_e	
NEUB	153.16		PKPab	17:02:33.360		17.6		0.00		TAS				m_e	
NRDL	152.19		PKPdf	17:02:19.637		17.6		0.00		TAS				m_e	
PLN	153.76		PKPdf	17:02:23.222		17.6		0.00		TAS				m_e	
PLN	153.76		PKPab	17:02:36.388		17.6		0.00		TAS				m_e	
RJOB	156.19		PKPab	17:02:47.644		17.6		0.00		TAS				m_e	
ROTZ	154.43		PKPab	17:02:39.261		17.6		0.00		TAS				m_e	
RUE	151.54		PKPdf	17:02:18.284		17.6		0.00		TAS				m_e	
TANN	153.76		PKPdf	17:02:23.183		17.6		0.00		TAS				m_e	
TANN	153.76		PKPab	17:02:36.311		17.6		0.00		TAS				m_e	
TNS	154.64		PKPab	17:02:40.154		17.6		0.00		TAS				m_e	
TNS	154.64		L	18:02:38.218						T__		76.4	21.90	a_e Ms	4.5

Station	Mag	Phase	Time	Lat	Long	Mag	Depth	Def	SNR	Amp	Per	Qual	Magnitude
WERD	153.77	PKPab	17:02:36.582	17.6	0.00	TAS						m_e	
WERN	153.90	PKPab	17:02:37.437	17.6	0.00	TAS						m_e	
WET	154.86	PKPab	17:02:41.552	17.6	0.00	TAS						m_e	
WET	154.86	L	18:02:54.020			T__			71.1	21.80	a_e Ms		4.4

Event 50912006 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/12	20:32:24.30			-32.9300	-177.6500				10.0		34		158.79	164.14	m i ke	EMSC
	50912038															

Magnitude	Err	Nsta	Author	OrigID
Ms	6.0	BGR		50912012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	162.06		PKPab	20:53:12.344		24.8		4.36		TAS				m_e	
ASSE	159.88		PKPab	20:53:02.577		24.8		4.36		TAS				m_e	
BFO	163.97		PKPab	20:53:20.570		24.8		4.36		TAS				m_e	
BRG	160.15		PKPab	20:53:03.664		24.8		4.36		TAS				m_e	
CLL	160.05		PKPab	20:53:03.135		24.8		4.36		TAS				m_e	
CLZ	160.22		PKPab	20:53:04.546		24.8		4.36		TAS				m_e	
FBE	160.29		PKPab	20:53:04.764		24.8		4.36		TAS				m_e	
FLT1	159.57		PKPab	20:53:00.692		24.8		4.36		TAS				m_e	
FUR	163.36		PKPab	20:53:18.333		24.8		4.36		TAS				m_e	
GEC2	161.97		PKPab	20:53:11.586		24.8		4.36		TAS				m_e	
GRA1	162.00		PKPab	20:53:12.187		24.8		4.36		TAS				m_e	
GRA1	162.00		L	22:11:56.981						T__		2590.5	18.70	a_e Ms	6.1
GTTG	160.58		PKPab	20:53:05.906		24.8		4.36		TAS				m_e	
GUNZ	161.08		PKPab	20:53:08.364		24.8		4.36		TAS				m_e	
IBBN	160.24		PKPab	20:53:04.097		24.8		4.36		TAS				m_e	
KAST	161.21		PKPab	20:53:08.398		24.8		4.36		TAS				m_e	
MANZ	161.48		PKPab	20:53:09.559		24.8		4.36		TAS				m_e	
MILB	162.34		PKPab	20:53:13.451		24.8		4.36		TAS				m_e	
MOX	161.03		PKPab	20:53:07.841		24.8		4.36		TAS				m_e	
MOX	161.03		L	22:11:07.500						T__		2034.4	19.60	a_e Ms	6.0
NEUB	160.49		PKPab	20:53:05.221		24.8		4.36		TAS				m_e	
NRDL	159.66		PKPab	20:53:01.422		24.8		4.36		TAS				m_e	
PLN	161.02		PKPab	20:53:07.801		24.8		4.36		TAS				m_e	
RJOB	163.23		PKPab	20:53:17.625		24.8		4.36		TAS				m_e	
ROTZ	161.65		PKPab	20:53:10.721		24.8		4.36		TAS				m_e	
RUE	158.79		PKPab	20:52:57.989		24.8		4.36		TAS				m_e	
STU	163.36		PKPab	20:53:17.718		24.8		4.36		TAS				m_e	
TANN	161.00		PKPab	20:53:07.528		24.8		4.36		TAS				m_e	
TNS	162.14		PKPab	20:53:12.586		24.8		4.36		TAS				m_e	
UBBA	161.26		PKPab	20:53:08.300		24.8		4.36		TAS				m_e	
UBR	164.14		PKPab	20:53:21.516		24.8		4.36		TAS				m_e	

WERD	161.01	PKPab	20:53:07.994	24.8	4.36	TAS	m_e
WERN	161.14	PKPab	20:53:08.683	24.8	4.36	TAS	m_e
WET	161.99	PKPab	20:53:12.275	24.8	4.36	TAS	m_e
WLF	163.04	PKPab	20:53:16.860	24.8	4.36	TAS	m_e

Event 50912007 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
2015/09/12	22:16:11.10			-6.1800	147.3500				60.0			9		119.47	125.49	m i ke	EMSC
50912039																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.1		BGR	50912013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	125.49		L	23:37:39.597						T__		276.5	21.00	a_e Ms	4.9
BRG	121.04		PKPdf	22:34:56.467	-0.1	55.4		1.89		TAS				m_e	
BSEG	121.09		L	23:30:34.337						T__		520.2	19.30	a_e Ms	5.2
CLL	121.30		PKPdf	22:34:56.596	0.0	55.4		1.89		TAS				m_e	
CLL	121.30		L	23:29:17.520						T__		423.0	21.50	a_e Ms	5.1
CLZ	122.33		PKPdf	22:34:58.875		55.4		1.89		TAS				m_e	
FUR	123.98		L	23:30:50.543						T__		346.1	21.50	a_e Ms	5.0
GEC2	122.25		PKPdf	22:34:58.230		55.4		1.89		TAS				m_e	
GEC2	122.25		L	23:29:40.793						T__		356.2	20.10	a_e Ms	5.0
GRA1	123.15		L	23:32:16.812						T__		432.6	18.90	a_e Ms	5.1
LNIZ	119.47		L	23:27:35.080						T__		556.5	21.30	a_e Ms	5.2
MANZ	122.51		PKPdf	22:34:58.918		55.4		1.89		TAS				m_e	
MOX	122.40		PKPdf	22:34:58.402		55.4		1.89		TAS				m_e	
MOX	122.40		L	23:28:38.746						T__		299.4	21.80	a_e Ms	4.9
RJOB	123.35		PKPdf	22:34:59.949		55.4		1.89		TAS				m_e	
STU	124.77		PKPdf	22:35:03.388		55.4		1.89		TAS				m_e	
TNS	124.28		L	23:29:27.789						T__		562.9	21.60	a_e Ms	5.2
WERN	122.20		PKPdf	22:34:58.552		55.4		1.89		TAS				m_e	
WET	122.55		L	23:30:25.871						T__		513.1	20.40	a_e Ms	5.2

Event 50913003 Southern East Pacific Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/13	00:40:26.50			-54.6800	-118.8800				10.0					149.54	150.21	m i ke	NEIC
50913042																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.6		BGR	50913009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	149.54		PKPbc	01:00:15.823		241.2		3.02		TAS				m_e	
GRA1	149.54		L	02:11:58.248						T__		96.4	19.90	a_e Ms	4.6
MOX	150.21		L	02:04:21.217						T__		93.0	19.10	a_e Ms	4.6

Event 50913001 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/13	01:04:32.61	0.64	1.02	43.2180	11.2340	11.1	7.8	24	10.0			27	295	4.05	8.21	m i ke	BGR
OrigID 50913007																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.2		BGR	50913007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	5.04		Pn	01:05:48.017	1.5					T__	29.0			m_e	
BALST	4.82		Sn	01:06:32.928	-1.9					T__	3.4			m_e	
BALST	4.82		Pn	01:05:44.093	0.7					T__	40.5			m_e	
BFO	5.50		Sn	01:06:49.269	-1.6					T__	5.7			m_e	
BFO	5.50		Pn	01:05:52.489	-0.2					T__	43.0			m_e ML	4.2
CLL	8.18		Pn	01:06:27.947	-0.8					T__	12.4			m_e	
DAVA	4.18		Sn	01:06:21.351	1.4					T__	3.5			m_e	
DAVA	4.18		Pn	01:05:36.354	1.5					T__	59.8			m_e ML	4.5
GEC2	5.88		Sn	01:06:59.196	-0.6					T__	2.4			m_e	
GEC2	5.88		Pn	01:05:57.183	-0.7					T__	17.9			m_e ML	3.9
KAST	8.21		Pn	01:06:29.374	0.2					T__	6.9			m_e	
KBA	4.14		Pn	01:05:34.546	0.2					T__	33.1			m_e	
MANZ	6.80		Pn	01:06:08.612	-1.5					T__	9.8			m_e	
MILB	6.75		Pn	01:06:08.204	-1.2					T__	7.8			m_e	
MOA	5.10		Sn	01:06:42.409	1.0					T__	1.7			m_e	
MOA	5.10		Pn	01:05:48.112	0.9					T__	40.2			m_e ML	3.9
MOX	7.43		Pn	01:06:17.362	-1.4					T__	7.0			m_e	
OBKA	4.05		Pn	01:05:33.064	-0.0					T__	22.0			m_e	
PLONS	4.05		Sn	01:06:18.040	1.1					T__	4.2			m_e	
PLONS	4.05		Pn	01:05:34.834	1.7					T__	202.9			m_e	
RJOB	4.65		Pn	01:05:41.678	0.5					T__	58.4			m_e	
ROTZ	6.59		Pn	01:06:05.568	-1.7					T__	19.2			m_e	
SLE	4.94		Pn	01:05:44.822	-0.3					T__	45.2			m_e	
STU	5.73		Pn	01:05:55.629	-0.2					T__	4.8			m_e	
SULZ	4.84		Sn	01:06:36.004	0.6					T__	3.5			m_e	
SULZ	4.84		Pn	01:05:44.093	0.3					T__	24.6			m_e	
TANN	7.25		Pn	01:06:14.761	-1.4					T__	14.3			m_e	
TNS	7.26		Sn	01:07:30.911	-1.1					T__	2.4			m_e	
TNS	7.26		Pn	01:06:16.347	-0.1					T__	22.5			m_e ML	4.2
UBR	4.53		Pn	01:05:40.001	0.4					T__	47.6			m_e	

WERN	7.12	Pn	01:06:13.818	-0.6	T__	13.1	m_e												
WET	6.04	Pn	01:05:58.828	-1.1	T__	17.4	m_e												
WILA	4.51	Sn	01:06:28.343	0.8	T__	3.8	m_e												
WILA	4.51	Pn	01:05:39.964	0.7	T__	54.5	m_e	ML											4.5
WLF	7.34	Pn	01:06:18.852	1.4	T__	4.2	m_e												
WTTA	4.06	Sn	01:06:17.831	0.8	T__	2.9	m_e												
WTTA	4.06	Pn	01:05:33.843	0.6	T__	56.4	m_e	ML											4.4

Event 50913004 Minahassa Peninsula, Sulawesi, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/13	01:13:14.50			0.1500	123.5300				148.0					103.35	106.39	m i ke	EMSC
OrigID 50913036																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.5		BGR	50913010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	106.39		L	02:17:16.101						T__		153.9	21.80	a_e	Ms	4.5
BSEG	103.35		L	02:15:39.010						T__		226.2	21.50	a_e	Ms	4.7
GRA1	104.16		Pdiff	01:27:00.244						T__				m_e		
GRA1	104.16		L	02:16:06.784						T__		202.8	22.00	a_e	Ms	4.6
MOX	103.63		L	02:19:02.096						T__		120.8	21.60	a_e	Ms	4.4

Event 50913006 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/09/13	02:55:46.30			-29.4400	-177.3700				43.0					28	154.89	160.63	m i ke	EMSC
OrigID 50913038																		

Magnitude	Err	Nsta	Author	OrigID
Ms	4.7		BGR	50913012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	156.56		PKPab	03:16:04.481	0.2	21.1		4.39		TAS				m_e		
BFO	160.63		PKPab	03:16:22.338		21.1		4.39		TAS				m_e		
BFO	160.63		L	04:25:23.831						T__		121.5	21.30	a_e	Ms	4.7
BRG	156.96		PKPab	03:16:06.708	-0.1	21.1		4.39		TAS				m_e		
BSEG	154.89		PKPab	03:15:57.444	-0.0	21.1		4.39		TAS				m_e		
BSEG	154.89		L	04:26:13.235						T__		98.0	20.60	a_e	Ms	4.6
CLL	156.82		PKPab	03:16:05.638	-0.2	21.1		4.39		TAS				m_e		
CLL	156.82		L	04:29:17.553						T__		132.3	21.60	a_e	Ms	4.7
CLZ	156.89		PKPab	03:16:06.438	0.0	21.1		4.39		TAS				a_e		

FBE	157.08	PKPab	03:16:07.343	-0.1	21.1	4.39	TAS	m_e										
FLT1	156.26	PKPab	03:16:02.797	0.5	21.1	4.39	TAS	m_e										
FUR	160.15	PKPab	03:16:20.838		21.1	4.39	TAS	a_e										
FUR	160.15	L	04:25:24.791				T__	a_e	Ms	122.8	20.90							4.7
GEC2	158.85	PKPab	03:16:14.835		21.1	4.39	TAS	m_e										
GEC2	158.85	L	04:27:48.048				T__	a_e	Ms	123.1	21.70							4.7
GRA1	158.75	PKPab	03:16:14.744		21.1	4.39	TAS	m_e										
GRA1	158.75	L	04:27:18.029				T__	a_e	Ms	111.8	21.70							4.7
GTTG	157.25	PKPab	03:16:07.682	0.4	21.1	4.39	TAS	m_e										
GUNZ	157.85	PKPab	03:16:10.612	0.0	21.1	4.39	TAS	m_e										
IBBN	156.84	PKPab	03:16:05.682	0.1	21.1	4.39	TAS	m_e										
MANZ	158.26	PKPab	03:16:12.225	-0.1	21.1	4.39	TAS	m_e										
MILB	159.02	PKPab	03:16:15.341		21.1	4.39	TAS	m_e										
MOX	157.76	PKPab	03:16:09.938	0.0	21.1	4.39	TAS	a_e										
MOX	157.76	L	04:26:52.603				T__	a_e	Ms	94.3	21.80							4.6
NEUB	157.22	PKPab	03:16:07.321	0.2	21.1	4.39	TAS	m_e										
NRDL	156.31	PKPab	03:16:03.306	-0.1	21.1	4.39	TAS	m_e										
PLN	157.78	PKPab	03:16:10.003	-0.1	21.1	4.39	TAS	m_e										
RJOB	160.11	PKPab	03:16:20.810		21.1	4.39	TAS	m_e										
ROTZ	158.43	PKPab	03:16:13.051	0.3	21.1	4.39	TAS	m_e										
STU	160.05	PKPab	03:16:19.633		21.1	4.39	TAS	m_e										
TNS	158.78	PKPab	03:16:14.269		21.1	4.39	TAS	m_e										
TNS	158.78	L	04:26:34.543				T__	a_e	Ms	139.2	21.10							4.8
WERD	157.78	PKPab	03:16:09.981	0.1	21.1	4.39	TAS	m_e										
WERN	157.91	PKPab	03:16:11.088	0.0	21.1	4.39	TAS	a_e										
WET	158.82	PKPab	03:16:15.116		21.1	4.39	TAS	m_e										
WET	158.82	L	04:23:46.438				T__	a_e	Ms	119.4	21.50							4.7
WLF	159.62	PKPab	03:16:18.399		21.1	4.39	TAS	m_e										

Event 50913005 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/13	02:57:37.61			37.7130	28.5570				10.0					15.49	20.51	m i ke	BGR
50913011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	50913011
Ms	3.1		BGR	50913011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	18.15		L	03:08:57.713						T__		76.1	18.10	a_e	Ms	3.0
BSEG	20.51		L	03:12:11.635						T__		101.0	18.40	a_e	Ms	3.2
CLL	17.49		L	03:09:49.003						T__		134.2	21.70	a_e	Ms	3.2
FUR	16.37		L	03:08:52.677						T__		184.3	19.30	a_e	Ms	3.3
GEC2	15.49		L	03:07:48.993						T__		128.9	21.80	a_e	Ms	3.0
GRA1	17.28		P	03:01:40.420		127.9		11.34		TAS		31.1	1.29	m_e	mb	4.3

GRA1	17.28	L	03:09:45.036	T__	145.1	18.60	a_e	Ms	3.2
MOX	17.69	L	03:08:14.151	T__	87.7	21.10	a_e	Ms	3.0
TNS	19.05	L	03:10:25.790	T__	159.5	21.20	a_e	Ms	3.3
WET	16.10	L	03:09:42.814	T__	72.2	19.70	a_e	Ms	2.9

Event 50913007 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/13	07:05:13.10			-33.4300	-178.5600				10.0					161.24	162.21	m i ke	NEIC
OrigID 50913046																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.4		BGR	50913013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	162.21		PKPab	07:25:58.584		27.7		4.21		TAS				m_e	
GRA1	162.21		L	08:05:43.341						T__		31.5	19.20	a_e	Ms 4.2
MOX	161.24		L	08:11:52.296						T__		83.2	19.30	a_e	Ms 4.6

Event 50913008 Gulf of California, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/13	07:57:34.03			25.7470	-110.0660				10.0					86.87	88.61	m i ke	BGR
OrigID 50913014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50913014
Ms	5.7		BGR	50913014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	88.61		P	08:10:26.214		308.5		4.31		TAS		125.7	2.85	m_e	mb 5.6
GRA1	88.61		L	08:52:20.896						T__		3568.2	18.60	a_e	Ms 5.8
MOX	88.19		L	08:48:52.218						T__		3041.8	21.70	a_e	Ms 5.7
TNS	86.87		P	08:10:26.340		308.5		4.31		TAS		16.6	1.64	m_e	mb 4.9

Event 50913009 Baja California, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/09/13	08:14:08.49			24.4260	-110.0510				10.0					29	86.36	91.48	m i ke	BGR
OrigID 50913015																		

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	50913015
MBB	6.2		BGR	50913015
Ms	7.0		BGR	50913015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	87.05		P	08:26:53.108	-0.0	308.9		4.68		TAS		137.4	1.65	a_e	MBB	6.5
ASSE	87.90		P	08:26:57.288	-0.9	308.9		4.68		TAS		93.7	1.47	m_e	MBB	6.5
BFO	89.02		L	09:04:37.754						T__		67979.4	20.10	a_e	Ms	7.1
BRG	90.27		P	08:27:07.959		308.9		4.68		TAS		53.0	1.59	m_e	MBB	6.0
BSEG	86.61		P	08:26:51.464	-0.1	308.9		4.68		TAS		163.9	1.29	m_e	MBB	6.6
BSEG	86.61		L	09:03:47.564						T__		63109.3	19.90	a_e	Ms	7.0
BUG	86.63		P	08:26:51.234	0.1	308.9		4.68		TAS				m_e		
CLL	89.54		P	08:27:05.041	0.0	308.9		4.68		TAS		29.3	1.24	m_e	MBB	6.0
CLL	89.54		L	09:03:53.794						T__		54255.8	21.90	a_e	Ms	6.9
CLZ	87.93		P	08:26:56.947	0.1	308.9		4.68		TAS		173.7	1.70	m_e	MBB	6.5
FBE	89.96		P	08:27:06.854		308.9		4.68		TAS		42.2	1.42	m_e	MBB	5.8
FLT1	88.04		P	08:26:57.158	0.4	308.9		4.68		TAS		119.3	1.51	a_e	MBB	6.5
FUR	90.68		L	09:06:01.554						T__		52849.3	21.60	a_e	Ms	6.9
GEC2	91.48		P	08:27:14.532		308.9		4.68		TAS		36.9	1.79	m_e	MBB	6.0
GEC2	91.48		L	09:06:39.212						T__		66999.9	20.30	a_e	Ms	7.1
GRA1	89.69		P	08:27:05.808	-0.1	308.9		4.68		TAS		147.5	1.74	a_e	MBB	6.2
GRA1	89.69		L	09:03:59.514						T__		93787.0	21.60	a_e	Ms	7.2
GTTG	87.91		P	08:26:57.185	-0.7	308.9		4.68		TAS		102.1	1.61	m_e	MBB	6.5
GUNZ	89.82		P	08:27:06.279	0.3	308.9		4.68		TAS		53.8	1.43	m_e	MBB	5.8
IBBN	86.36		P	08:26:50.547	-0.0	308.9		4.68		TAS		168.5	1.47	m_e	MBB	6.5
KAST	87.35		P	08:26:55.210	-0.1	308.9		4.68		TAS		119.1	1.68	m_e	MBB	6.3
MANZ	89.95		P	08:27:06.241		308.9		4.68		TAS		32.3	1.53	m_e	MBB	6.0
MILB	88.62		P	08:27:00.708	0.1	308.9		4.68		TAS		154.2	1.88	a_e	MBB	6.3
MOX	89.29		P	08:27:03.308	-0.4	308.9		4.68		TAS		45.8	1.47	a_e	MBB	6.2
MOX	89.29		L	09:05:32.253						T__		55150.5	20.70	a_e	Ms	7.0
NEUB	89.02		P	08:27:02.833	0.2	308.9		4.68		TAS		159.0	1.74	m_e	MBB	6.3
NRDL	87.40		P	08:26:54.818	0.1	308.9		4.68		TAS		128.2	1.41	m_e	MBB	6.4
PLN	89.66		P	08:27:05.458	-0.5	308.9		4.68		TAS		54.1	1.61	m_e	MBB	6.0
ROTZ	90.14		P	08:27:07.524		308.9		4.68		TAS		33.7	1.55	m_e	MBB	6.0
TANN	89.85		P	08:27:05.958	0.6	308.9		4.68		TAS		34.5	1.30	a_e	MBB	6.0
TNS	87.95		P	08:26:56.495	0.1	308.9		4.68		TAS		128.2	1.87	m_e	MBB	6.5
TNS	87.95		L	09:02:42.885						T__		72943.2	21.40	a_e	Ms	7.1
UBBA	88.38		P	08:26:59.515	-0.4	308.9		4.68		TAS		103.3	1.67	m_e	MBB	6.5
WERD	89.75		P	08:27:05.842	-0.3	308.9		4.68		TAS		39.0	1.35	m_e	MBB	5.8
WERN	89.89		P	08:27:06.680		308.9		4.68		TAS		67.0	1.56	m_e	mb	5.6
WET	90.88		P	08:27:11.461		308.9		4.68		TAS		35.4	1.51	m_e	MBB	6.0
WET	90.88		L	09:06:21.770						T__		69051.3	21.10	a_e	Ms	7.1
WLF	87.08		P	08:26:53.458	0.6	308.9		4.68		TAS		117.4	1.52	a_e	MBB	6.5

Event 50913010 Gulf of California, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/13	08:27:22.02			26.1010	-109.3740				10.0					84.86	87.97	m i ke	BGR
OrigID 50913016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50913016
MBB	6.0		BGR	50913016
Ms	6.4		BGR	50913016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	87.31		P	08:40:06.737		309.8		4.17		TAS		47.1	2.15	m_e mb	5.2
BSEG	84.86		P	08:39:57.749		309.8		4.17		TAS		60.3	1.39	m_e mb	5.6
GRA1	87.97		P	08:40:11.168		309.8		4.17		TAS		33.3	1.39	m_e mb	5.5
GRA1	87.97		L	09:19:22.912						T__	14107.0	20.40	a_e Ms	6.4	
KAST	85.62		P	08:40:00.911		309.8		4.17		TAS		30.1	1.44	m_e mb	5.2
MOX	87.56		L	09:19:53.720						T__	15605.4	18.20	a_e Ms	6.5	

Event 50913011 Gulf of California, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/13	15:05:02.07			25.4090	-109.2110				10.0					85.38	90.25	m i ke	BGR
OrigID 50913017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50913017
Ms	4.9		BGR	50913017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	87.78		L	15:55:21.569						T__		402.9	19.10	a_e Ms	4.9
BSEG	85.38		L	15:55:29.257						T__		643.7	20.40	a_e Ms	5.0
CLL	88.31		L	15:56:39.753						T__		448.0	20.10	a_e Ms	4.9
FUR	89.44		L	15:57:53.856						T__		377.6	20.80	a_e Ms	4.8
GEC2	90.25		L	15:58:38.131						T__		447.2	20.10	a_e Ms	4.9
GRA1	88.45		P	15:17:53.557		305.7		4.16		TAS		58.0	2.29	m_e mb	5.5
GRA1	88.45		L	15:54:41.443						T__		550.7	21.60	a_e Ms	4.9
MOX	88.05		L	15:56:16.444						T__		370.2	21.80	a_e Ms	4.8
TNS	86.71		L	15:53:25.198						T__		509.9	21.30	a_e Ms	4.9
WET	89.64		L	15:55:27.399						T__		425.3	21.50	a_e Ms	4.8

Event 50914007 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2015/09/14 01:58:40.80 -20.3000 -177.5200 374.0 12 147.31 150.13 m i ke EMSC
 50914039

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	147.97		PKPbc	02:17:42.645	0.0	16.5		2.61		TAS				m_e	
FBE	148.26		PKPbc	02:17:43.743		16.5		2.61		TAS				m_e	
FLT1	147.31		PKPbc	02:17:40.389	0.2	16.5		2.61		TAS				m_e	
GEC2	150.13		PKPbc	02:17:48.142		16.5		2.61		TAS				m_e	
GUNZ	149.00		PKPbc	02:17:45.595		16.5		2.61		TAS				m_e	
MANZ	149.40		PKPbc	02:17:46.444		16.5		2.61		TAS				m_e	
MILB	150.04		PKPbc	02:17:47.816		16.5		2.61		TAS				m_e	
MOX	148.87		PKPbc	02:17:44.735		16.5		2.61		TAS				m_e	
ROTZ	149.59		PKPbc	02:17:46.939		16.5		2.61		TAS				m_e	
TANN	148.93		PKPbc	02:17:45.276		16.5		2.61		TAS				m_e	
WERD	148.93		PKPbc	02:17:45.205		16.5		2.61		TAS				m_e	
WERN	149.06		PKPbc	02:17:45.939		16.5		2.61		TAS				m_e	

Event 50914008 Fiji Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/09/14 15:19:29.80 -16.5600 175.8800 10.0 140.45 146.71 m i ke EMSC
 50914040

Magnitude Err Nsta Author OrigID
 Ms 4.7 BGR 50914014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	146.71		L	16:37:14.833						T__		174.7	21.90	a_e Ms	4.8
BSEG	141.04		L	16:36:26.769						T__		227.2	21.60	a_e Ms	4.9
CLL	142.73		L	16:33:48.093						T__		88.9	21.80	a_e Ms	4.5
FUR	146.04		L	16:40:21.675						T__		173.4	20.50	a_e Ms	4.8
GEC2	144.67		L	16:40:54.492						T__		156.9	20.80	a_e Ms	4.8
GRA1	144.69		PKPbc	15:39:06.399		26.0		3.07		TAS				m_e	
GRA1	144.69		L	16:37:06.616						T__		137.6	19.00	a_e Ms	4.7
LNIZ	140.45		L	16:35:19.104						T__		129.7	20.50	a_e Ms	4.7
MOX	143.72		L	16:42:57.291						T__		99.7	21.40	a_e Ms	4.5
TNS	144.92		L	16:40:23.863						T__		180.5	21.80	a_e Ms	4.8
WET	144.68		L	16:40:53.374						T__		144.0	21.80	a_e Ms	4.7

Event 50915009 Crete, Greece

./2015/bul1509.txt

Tue May 12 07:59:38 2020

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/15	05:04:42.88			34.5050	24.6980				10.0					16.49	18.81	m i ke	BGR
OrigID 50915015																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	50915015
Ms	2.8		BGR	50915015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	18.42		L	05:16:42.850						T__		42.1	20.10	a_e	Ms 2.7
CLL	18.81		L	05:15:45.950						T__		61.5	18.50	a_e	Ms 2.9
FUR	16.93		L	05:15:41.523						T__		71.8	18.10	a_e	Ms 2.9
GEC2	16.49		P	05:08:36.562		149.6		11.69		TAS		16.1	0.73	m_e	mb 4.2
GEC2	16.49		L	05:14:27.998						T__		59.1	18.90	a_e	Ms 2.8
GRA1	18.13		P	05:08:55.224		149.6		11.69		TAS		34.3	0.96	m_e	mb 4.5
GRA1	18.13		L	05:13:53.165						T__		38.9	18.00	a_e	Ms 2.7
MOX	18.74		L	05:15:14.241						T__		31.1	21.60	a_e	Ms 2.6
UBR	17.11		P	05:08:44.573		149.6		11.69		TAS		48.8	1.56	m_e	mb 4.4
WET	17.04		P	05:08:42.602		149.6		11.69		TAS		14.9	0.97	m_e	mb 4.1
WET	17.04		L	05:15:23.676						T__		57.4	21.30	a_e	Ms 2.8

Event 50915011 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/15	19:34:46.80			-15.0600	-172.8300				33.0					144.33	145.30	m i ke	NEIC
OrigID 50915050																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.8		BGR	50915017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	145.30		PKPbc	19:54:21.957		6.9		3.00		TAS				m_e	
GRA1	145.30		L	20:58:20.195						T__		167.6	18.70	a_e	Ms 4.8
MOX	144.33		L	20:55:48.647						T__		142.4	20.40	a_e	Ms 4.7

Event 50915010 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/15	19:37:38.50			24.0040	121.2670				33.0					80.56	86.36	m i ke	BGR
OrigID 50915016																	

Magnitude	Err	Nsta	Author	OrigID

mb	5.4	BGR	50915016
Ms	5.3	BGR	50915016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	86.36		L	20:32:34.602						T__		1238.9	19.60	a_e	Ms 5.3
BRG	81.93		P	19:49:53.848		64.9		4.97		TAS		31.9	1.72	m_e	mb 5.2
BSEG	82.36		L	20:28:50.894						T__		1326.7	20.90	a_e	Ms 5.3
CLL	82.24		P	19:49:54.927		64.9		4.97		TAS		62.7	2.15	m_e	mb 5.4
CLL	82.24		L	20:30:40.035						T__		1922.1	18.60	a_e	Ms 5.5
CLZ	83.40		P	19:50:02.041		64.9		4.97		TAS		50.4	1.58	m_e	mb 5.5
FBE	82.23		P	19:49:55.425		64.9		4.97		TAS		106.7	2.08	m_e	mb 5.6
FUR	84.77		L	20:32:57.855						T__		1010.8	18.80	a_e	Ms 5.2
GEC2	83.03		P	19:50:00.097		64.9		4.97		TAS		22.6	1.25	m_e	mb 5.3
GEC2	83.03		L	20:33:14.694						T__		697.4	19.20	a_e	Ms 5.0
GRA1	84.03		P	19:50:05.021		64.9		4.97		TAS		32.0	1.33	m_e	mb 5.4
GRA1	84.03		L	20:31:47.028						T__		1142.1	20.80	a_e	Ms 5.2
LNIZ	80.56		L	20:28:34.923						T__		1331.8	19.10	a_e	Ms 5.3
MANZ	83.38		P	19:50:01.459		64.9		4.97		TAS		33.5	1.78	m_e	mb 5.3
MILB	85.03		P	19:50:09.814		64.9		4.97		TAS		22.7	1.21	m_e	mb 5.3
MOX	83.33		P	19:50:01.078		64.9		4.97		TAS		59.3	1.88	m_e	mb 5.5
MOX	83.33		L	20:31:21.821						T__		1654.4	19.50	a_e	Ms 5.4
ROTZ	83.44		P	19:50:02.056		64.9		4.97		TAS		77.4	1.90	m_e	mb 5.6
TANN	82.98		P	19:49:59.566		64.9		4.97		TAS		40.2	1.92	m_e	mb 5.3
TNS	85.29		L	20:31:40.865						T__		927.5	18.90	a_e	Ms 5.2
WERN	83.09		P	19:49:59.925		64.9		4.97		TAS		63.4	1.94	m_e	mb 5.5
WET	83.36		P	19:50:01.501		64.9		4.97		TAS		45.0	1.85	m_e	mb 5.4
WET	83.36		L	20:31:44.494						T__		994.7	21.10	a_e	Ms 5.2

Event 50916011 Northern Molucca Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/16	07:40:57.30			1.9200	126.5700				30.0					103.00	106.91	m i ke	EMSC
OrigID 50916043																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.0		BGR	50916017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	106.91		L	08:48:46.507						T__		4476.7	21.70	a_e	Ms 6.0
BSEG	103.57		L	08:46:40.128						T__		5036.4	22.00	a_e	Ms 6.0
CLL	103.00		L	08:46:20.432						T__		7632.7	21.50	a_e	Ms 6.2
FUR	105.14		L	08:47:59.836						T__		4979.7	20.70	a_e	Ms 6.0
GEC2	103.39		L	08:46:45.594						T__		4407.4	21.50	a_e	Ms 6.0
GRA1	104.63		Pdiff	07:55:07.363						T__				m_e	
GRA1	104.63		L	08:44:28.846						T__		5639.8	21.10	a_e	Ms 6.1
MOX	104.05		L	08:47:03.606						T__		7737.1	20.40	a_e	Ms 6.2

TNS	106.09	L	08:47:48.668	T__	5267.4	22.00	a_e	Ms	6.0
WET	103.81	L	08:50:50.530	T__	3783.9	22.00	a_e	Ms	5.9

Event 50916012 Eastern Kashmir

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/16	11:10:25.05		35.5680	76.8150					33.0			16		46.88	50.89	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50916018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	50.89		L	11:44:30.381						T__		112.2	20.80	a_e	
BRG	46.88		P	11:18:50.661	-0.6	80.8		7.69		TAS		51.5	1.66	m_e	mb 5.4
BSEG	48.76		P	11:19:04.584		80.8		7.69		TAS		22.3	0.83	m_e	mb 5.2
BSEG	48.76		L	11:41:53.791						T__		345.8	19.10	a_e	
CLL	47.42		P	11:18:54.112	-0.1	80.8		7.69		TAS		11.6	0.95	m_e	mb 5.0
CLL	47.42		L	11:41:21.564						T__		374.6	20.90	a_e	
FBE	47.24		P	11:18:53.483	0.2	80.8		7.69		TAS		28.2	0.99	m_e	mb 5.4
FLT1	48.39		P	11:19:01.249		80.8		7.69		TAS		25.9	0.83	m_e	mb 5.4
FUR	48.99		L	11:42:10.347						T__		153.0	20.70	a_e	
GEC2	47.29		P	11:18:53.861	-0.1	80.8		7.69		TAS		14.1	1.09	m_e	mb 5.0
GEC2	47.29		L	11:41:05.713						T__		165.9	20.50	a_e	
GRA1	48.77		P	11:19:05.943		80.8		7.69		TAS		31.3	0.97	m_e	mb 5.3
GRA1	48.77		L	11:43:33.953						T__		169.3	19.90	a_e	
GTTG	49.27		P	11:19:08.885		80.8		7.69		TAS		48.0	0.95	m_e	mb 5.5
GUNZ	47.96		P	11:18:58.786	-0.2	80.8		7.69		TAS		10.4	0.90	m_e	mb 5.0
MILB	49.98		P	11:19:13.968		80.8		7.69		TAS		23.0	1.26	m_e	mb 5.0
MOX	48.37		P	11:19:01.890		80.8		7.69		TAS		21.8	1.31	m_e	mb 5.1
MOX	48.37		L	11:42:02.631						T__		274.3	20.80	a_e	
NRDL	49.06		P	11:19:06.995		80.8		7.69		TAS		58.4	1.45	m_e	mb 5.4
PLN	48.05		P	11:18:59.512	0.8	80.8		7.69		TAS		29.8	1.72	m_e	mb 5.1
ROTZ	48.12		P	11:19:00.465	0.1	80.8		7.69		TAS		19.6	1.16	m_e	mb 5.1
TANN	47.87		P	11:18:58.174	0.2	80.8		7.69		TAS		8.3	0.91	m_e	mb 4.9
TNS	50.44		L	11:43:15.099						T__		284.2	19.40	a_e	
WET	47.78		P	11:18:57.739	-0.1	80.8		7.69		TAS		11.0	0.88	m_e	mb 5.0
WET	47.78		L	11:41:19.920						T__		168.2	20.20	a_e	

Event 50916013 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/16	11:49:36.20		-30.2200	-177.6100					10.0					156.97	161.35	m i ke	EMSC

50916045

Magnitude Err Nsta Author OrigID
 Ms 4.5 BGR 50916019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	161.35		L	13:32:30.648						T__		70.3	21.70	a_e	Ms 4.5
BRG	157.63		PKPab	12:10:03.321		22.2		3.85		TAS				m_e	
CLL	157.50		PKPab	12:10:02.391		22.2		3.85		TAS				m_e	
CLZ	157.60		PKPab	12:10:03.231		22.2		3.85		TAS				m_e	
FBE	157.75		PKPab	12:10:04.242		22.2		3.85		TAS				m_e	
FLT1	156.97		PKPab	12:09:59.952		22.2		3.85		TAS				m_e	
FUR	160.83		L	13:32:15.865						T__		86.2	20.40	a_e	Ms 4.6
GRA1	159.44		PKPab	12:10:11.289		22.2		3.85		TAS				m_e	
GRA1	159.44		L	13:33:00.683						T__		59.4	20.10	a_e	Ms 4.4
GTTG	157.96		PKPab	12:10:04.784		22.2		3.85		TAS				m_e	
GUNZ	158.53		PKPab	12:10:07.210		22.2		3.85		TAS				m_e	
MILB	159.73		PKPab	12:10:12.239		22.2		3.85		TAS				m_e	
MOX	158.46		PKPab	12:10:06.877		22.2		3.85		TAS				m_e	
PLN	158.47		PKPab	12:10:06.986		22.2		3.85		TAS				m_e	
TNS	159.51		PKPab	12:10:11.403		22.2		3.85		TAS				m_e	
WERN	158.59		PKPab	12:10:07.662		22.2		3.85		TAS				m_e	
WET	159.49		PKPab	12:10:11.898		22.2		3.85		TAS				m_e	

Event 50916014 New Britain, Papua New Guinea, region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/09/16 14:03:22.10 -5.9900 151.4400 6.0 122.78 127.45 m i ke NEIC
 50916068

Magnitude Err Nsta Author OrigID
 Ms 5.8 BGR 50916020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	127.45		L	15:11:53.395						T__		1961.1	21.70	a_e	Ms 5.8
BSEG	122.78		L	15:21:03.588						T__		3323.1	18.10	a_e	Ms 6.0
CLL	123.22		L	15:13:32.994						T__		2652.0	21.40	a_e	Ms 5.9
FUR	126.04		L	15:16:43.724						T__		2148.0	21.20	a_e	Ms 5.8
GEC2	124.34		L	15:16:20.046						T__		1980.1	21.90	a_e	Ms 5.7
GRA1	125.11		PKPdf	14:22:23.466		51.1		1.46		TAS				m_e	
GRA1	125.11		L	15:19:42.971						T__		2325.5	21.70	a_e	Ms 5.8
MOX	124.32		L	15:16:33.230						T__		2296.5	22.00	a_e	Ms 5.8
TNS	126.13		L	15:19:50.456						T__		2957.8	21.10	a_e	Ms 5.9
WET	124.60		L	15:23:46.818						T__		2357.2	18.50	a_e	Ms 5.9

Event 50916015 Aegean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/16	19:52:51.94			38.0510	24.4440				10.0			19		12.89	18.62	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	50916021
Ms	3.5		BGR	50916021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	15.58		L	20:04:32.506						T__		506.0	19.50	a_e	Ms 3.7
BRG	14.83		P	19:56:26.413	0.1	135.9		12.13		TAS				m_e	
BSEG	18.62		L	20:06:50.793						T__		349.4	18.00	a_e	Ms 3.7
BUG	18.05		P	19:57:07.098		135.9		12.13		TAS				m_e	
CLL	15.53		P	19:56:35.226	0.1	135.9		12.13		TAS		28.3	1.08	m_e	mb 4.3
CLL	15.53		L	20:03:42.367						T__		357.1	21.80	a_e	Ms 3.5
FBE	15.08		P	19:56:29.549	-0.1	135.9		12.13		TAS				m_e	
FUR	13.93		P	19:56:16.733	0.1	135.9		12.13		TAS		80.6	1.12	m_e	
FUR	13.93		L	20:02:56.873						T__		516.1	20.00	a_e	Ms 3.6
GEC2	13.30		P	19:56:09.278	-0.1	135.9		12.13		TAS		72.9	1.56	m_e	
GEC2	13.30		L	20:04:59.635						T__		282.7	18.70	a_e	Ms 3.3
GRA1	15.02		P	19:56:29.715	-0.6	135.9		12.13		TAS		36.4	0.91	m_e	
GRA1	15.02		L	20:03:25.979						T__		281.7	21.80	a_e	Ms 3.4
MANZ	14.84		P	19:56:27.244	-0.8	135.9		12.13		TAS		23.8	1.04	m_e	
MILB	16.02		P	19:56:41.760		135.9		12.13		TAS				m_e	
MOX	15.55		P	19:56:36.443	-0.1	135.9		12.13		TAS		55.9	1.09	m_e	
MOX	15.55		L	20:05:41.803						T__		328.9	18.80	a_e	Ms 3.5
PLN	15.20		P	19:56:32.811	-0.4	135.9		12.13		TAS				m_e	
RJOB	12.89		P	19:56:04.592	0.2	135.9		12.13		TAS				m_e	
ROTZ	14.64		P	19:56:24.782	-0.8	135.9		12.13		TAS		62.1	2.00	m_e	
RUE	16.23		P	19:56:42.632		135.9		12.13		TAS				m_e	
TNS	16.69		P	19:56:50.129		135.9		12.13		TAS		83.0	1.15	m_e	
TNS	16.69		L	20:05:53.932						T__		336.8	18.20	a_e	Ms 3.6
UBR	14.23		P	19:56:20.617	1.4	135.9		12.13		TAS				m_e	
WERD	15.11		P	19:56:31.900	0.6	135.9		12.13		TAS				m_e	
WERN	14.96		P	19:56:28.591	-0.7	135.9		12.13		TAS				m_e	
WET	13.88		P	19:56:16.050	-0.4	135.9		12.13		TAS		46.6	1.00	m_e	
WET	13.88		L	20:03:15.433						T__		266.7	21.80	a_e	Ms 3.3

Event 50916001 Near coast of central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/16	22:54:33.00			-31.5700	-71.5800				30.0					106.75	110.79	m i ke	EMSC

50916033

Magnitude	Err	Nsta	Author	OrigID
mb	7.4		BGR	50916007
MBB	8.1		BGR	50916007
Ms	8.4		BGR	50916007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	106.75		P	23:08:45.128		243.6		4.82		TAS		1078.6	3.65	m_e	MBB 8.1
BFO	106.75		L	23:58:27.325						T__		917235.0	18.60	a_e	Ms 8.4
BSEG	110.43		L	23:58:42.547						T__		839687.0	20.60	a_e	Ms 8.3
CLL	110.79		L	23:59:22.332						T__		1449960.0	19.40	a_e	Ms 8.6
FUR	108.42		L	23:56:03.695						T__		687081.0	21.50	a_e	Ms 8.2
GEC2	110.17		L	00:01:20.122						T__		833606.0	18.50	a_e	Ms 8.3
GRA1	109.07		P	23:08:55.812		243.6		4.82		TAS		512.9	2.38	m_e	MBB 8.2
GRA1	109.07		L	23:57:33.633						T__		702137.0	20.50	a_e	Ms 8.2
MOX	109.72		L	23:59:18.891						T__		1354370.0	19.30	a_e	Ms 8.5
TNS	107.72		L	23:59:56.592						T__		2012320.0	18.10	a_e	Ms 8.7
WET	109.80		L	00:01:22.624						T__		1065260.0	18.20	a_e	Ms 8.5

Event 50917009 Near coast of central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/17	01:41:08.80			-31.1400	-71.5100				40.0					108.71	109.36	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	6.3		BGR	50917015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	108.71		PP	02:00:04.074						T__				m_e	
GRA1	108.71		L	02:42:16.078						T__		8930.4	21.60	a_e	Ms 6.3
MOX	109.36		L	02:45:01.918						T__		9347.4	19.80	a_e	Ms 6.4

Event 50917010 Near coast of central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/17	03:55:07.40			-30.8900	-71.3000				41.0					108.21	109.05	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	6.6		BGR	50917016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	108.41		PP	04:14:08.902						T__					
GRA1	108.41		L	04:55:59.470						T__		8889.8	21.60	a_e	Ms 6.3
MOX	109.05		L	04:59:08.050						T__		22083.6	19.90	a_e	Ms 6.7
UBBA	108.21		L	04:56:53.911						T__		22397.8	21.10	a_e	Ms 6.7

Event 50917011 Near coast of central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/17	04:10:32.30			-31.4800	-71.6000				40.0					106.70	112.30	m i ke	EMSC
OrigID 50917043																	

Magnitude	Err	Nsta	Author	OrigID
Ms 6.9			BGR	50917017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	106.70		L	05:12:06.429						T__		34017.2	20.00	a_e	Ms 6.9
BSEG	110.37		L	05:18:29.396						T__		21841.9	18.80	a_e	Ms 6.8
CLL	110.74		L	05:14:56.527						T__		51169.9	19.40	a_e	Ms 7.1
FUR	108.36		L	05:11:26.505						T__		31272.2	21.70	a_e	Ms 6.8
GEC2	110.11		L	05:14:52.129						T__		28010.3	19.40	a_e	Ms 6.8
GRA1	109.02		Pdiff	04:24:55.611						T__					m_e
GRA1	109.02		PP	04:29:22.958						T__					m_e
GRA1	109.02		L	05:17:27.665						T__		21727.4	19.10	a_e	Ms 6.7
LNIZ	112.30		L	05:13:33.808						T__		24459.4	21.80	a_e	Ms 6.8
MOX	109.66		L	05:14:34.487						T__		48635.7	19.60	a_e	Ms 7.1
TNS	107.66		L	05:11:13.167						T__		54172.0	22.00	a_e	Ms 7.1
WET	109.75		L	05:13:17.383						T__		24723.8	21.30	a_e	Ms 6.8

Event 50917012 Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/09/17	08:58:49.82			54.2030	158.2510				33.0					32	67.82	74.73	m i ke	BGR
OrigID 50917018																		

Magnitude	Err	Nsta	Author	OrigID
mb 5.7			BGR	50917018
Ms 4.5			BGR	50917018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	72.86		P	09:10:13.231	0.4	19.5		5.96		TAS		25.6	0.82	a_e	mb 5.4
ASSE	70.64		P	09:09:59.905	0.4	19.5		5.96		TAS		23.6	0.84	m_e	mb 5.3
BFO	74.73		P	09:10:23.909		19.5		5.96		TAS		47.2	1.23	m_e	mb 5.4

BFO	74.73	L	09:43:30.471							T__	305.7	19.90	a_e	Ms	4.6
BRG	71.11	P	09:10:02.531	-0.2	19.5	5.96				TAS	34.4	1.12	a_e	mb	5.4
BSEG	69.01	P	09:09:50.364	0.1	19.5	5.96				TAS	49.5	0.75	m_e	mb	5.8
BUG	71.97	P	09:10:07.727	0.3	19.5	5.96				TAS	47.7	1.13	m_e	mb	5.5
CLL	70.92	P	09:10:01.281	0.1	19.5	5.96				TAS	93.2	0.86	m_e	mb	5.9
CLZ	70.98	P	09:10:02.481	-0.3	19.5	5.96				TAS	114.5	1.41	a_e	mb	5.8
FBE	71.20	P	09:10:03.375	0.3	19.5	5.96				TAS	57.1	1.05	m_e	mb	5.6
FLT1	70.34	P	09:09:57.731	-0.2	19.5	5.96				TAS	55.2	0.90	a_e	mb	5.7
GEC2	73.06	P	09:10:14.535	-0.5	19.5	5.96				TAS	42.2	1.12	m_e	mb	5.5
GEC2	73.06	L	09:46:49.084							T__	258.6	19.90	a_e	Ms	4.5
GRA1	72.83	P	09:10:13.559	0.1	19.5	5.96				TAS	92.9	0.92	m_e	mb	5.9
GRA1	72.83	L	09:43:26.878							T__	181.5	20.40	a_e	Ms	4.3
GTTG	71.34	P	09:10:04.572	-0.1	19.5	5.96				TAS	33.0	0.89	m_e	mb	5.5
GUNZ	71.95	P	09:10:07.981	0.2	19.5	5.96				TAS	41.6	0.90	a_e	mb	5.6
IBBN	71.05	P	09:10:02.482	-0.0	19.5	5.96				TAS	58.6	0.83	m_e	mb	5.7
KAST	71.97	P	09:10:08.120	-0.2	19.5	5.96				TAS	34.3	0.78	m_e	mb	5.5
LNIZ	68.61	P	09:09:47.904	0.1	19.5	5.96				TAS	83.6	0.73	m_e	mb	6.1
MANZ	72.36	P	09:10:10.223	0.4	19.5	5.96				TAS	38.1	1.19	m_e	mb	5.4
MILB	73.11	P	09:10:14.767		19.5	5.96				TAS	85.2	0.83	m_e	mb	5.9
MOX	71.84	P	09:10:07.181	-0.0	19.5	5.96				TAS	43.9	0.94	a_e	mb	5.6
MOX	71.84	L	09:50:32.117							T__	224.3	18.80	a_e	Ms	4.5
NEUB	71.29	P	09:10:03.772	-0.1	19.5	5.96				TAS	44.3	0.82	m_e	mb	5.6
NRDL	70.41	P	09:09:58.661	-0.5	19.5	5.96				TAS	35.3	0.90	m_e	mb	5.5
PLN	71.87	P	09:10:07.431	0.1	19.5	5.96				TAS	43.4	1.09	a_e	mb	5.5
RGN	67.82	P	09:09:43.435	0.2	19.5	5.96				TAS	211.4	0.75	m_e	mb	6.5
ROTZ	72.54	P	09:10:11.581	0.0	19.5	5.96				TAS	39.8	0.90	a_e	mb	5.5
RUE	69.65	P	09:09:54.242	-0.0	19.5	5.96				TAS	130.3	0.88	m_e	mb	6.1
TANN	71.87	P	09:10:07.333	0.1	19.5	5.96				TAS	59.1	1.61	m_e	mb	5.5
TNS	72.90	P	09:10:13.640	0.1	19.5	5.96				TAS	85.4	1.58	m_e	mb	5.6
TNS	72.90	L	09:43:42.112							T__	399.5	18.80	a_e	Ms	4.7
UBBA	72.02	P	09:10:08.111	0.2	19.5	5.96				TAS	47.8	1.44	m_e	mb	5.4
WERD	71.88	P	09:10:07.531	-0.1	19.5	5.96				TAS	53.1	1.04	a_e	mb	5.6
WERN	72.01	P	09:10:08.550	-0.1	19.5	5.96				TAS	64.3	0.87	m_e	mb	5.8
WET	72.97	P	09:10:14.344	0.0	19.5	5.96				TAS	58.8	0.94	m_e	mb	5.7
WET	72.97	L	09:46:45.717							T__	210.2	19.80	a_e	Ms	4.4

Event 50918004 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/18	15:59:43.59			15.2600	-45.2900				9.5	1.1		34		53.86	58.99	m i ke	BGR
50918010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	50918010
MBB	6.0		BGR	50918010
Ms	5.5		BGR	50918010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	54.73		P	16:09:13.021	-0.5	253.2		7.11		TAS		274.3	2.21	m_e	MBB 6.0
ASSE	57.39		P	16:09:32.602	-0.0	253.2		7.11		TAS		240.0	2.02	m_e	MBB 6.0
ASSE	57.39		pP	16:09:35.205	0.3	252.9		6.98		TAS				m_e	
BFO	54.77		P	16:09:13.630	-0.1	253.2		7.11		TAS		169.9	1.74	m_e	MBB 6.0
BFO	54.77		pP	16:09:16.351	0.1	252.9		6.98		TAS				m_e	
BRG	58.99		P	16:09:43.647		253.2		7.11		TAS		255.7	2.19	m_e	MBB 6.0
BRG	58.99		pP	16:09:46.186		252.9		6.98		TAS				m_e	
BSEG	57.77		P	16:09:34.878	-0.2	253.2		7.11		TAS		280.2	1.70	m_e	MBB 6.2
BSEG	57.77		pP	16:09:37.499		252.9		6.98		TAS				m_e	
BUG	55.16		P	16:09:16.412	-0.1	253.2		7.11		TAS		461.8	2.45	m_e	MBB 6.1
BUG	55.16		pP	16:09:19.062	0.6	252.9		6.98		TAS				m_e	
CLL	58.53		P	16:09:40.190	-0.1	253.2		7.11		TAS		115.2	1.18	m_e	MBB 6.0
CLL	58.53		pP	16:09:42.635		252.9		6.98		TAS				m_e	
CLZ	57.12		P	16:09:30.435	0.5	253.2		7.11		TAS				m_e	
FBE	58.64		P	16:09:41.202		253.2		7.11		TAS		414.0	2.28	m_e	MBB 6.1
FBE	58.64		pP	16:09:43.913		252.9		6.98		TAS				m_e	
FLT1	57.78		P	16:09:34.878	0.1	253.2		7.11		TAS		230.0	1.67	m_e	MBB 6.2
FLT1	57.78		pP	16:09:37.391		252.9		6.98		TAS				m_e	
FUR	56.61		P	16:09:27.205	0.2	253.2		7.11		TAS		173.7	1.34	m_e	MBB 6.1
GEC2	58.34		P	16:09:38.588	-0.1	253.2		7.11		TAS		110.2	1.82	m_e	MBB 5.8
GEC2	58.34		pP	16:09:41.272		252.9		6.98		TAS				m_e	
GRA1	56.99		P	16:09:29.482	0.0	253.2		7.11		TAS		112.3	1.55	m_e	mb 5.7
GRA1	56.99		pP	16:09:31.904	-0.3	252.9		6.98		TAS				m_e	
GRA1	56.99		S	16:17:32.125						T__				m_e	
GRA1	56.99		L	16:28:38.942						T__		3849.5	21.60	a_e	Ms 5.5
GTTG	56.78		P	16:09:28.301	-0.1	253.2		7.11		TAS		656.7	2.56	m_e	MBB 6.1
GUNZ	57.87		P	16:09:35.890	0.2	253.2		7.11		TAS		128.8	1.54	m_e	MBB 6.0
GUNZ	57.87		pP	16:09:38.436		252.9		6.98		TAS				m_e	
IBBN	55.76		P	16:09:20.544	-0.0	253.2		7.11		TAS		614.6	2.48	m_e	MBB 6.2
IBBN	55.76		pP	16:09:23.441	0.4	252.9		6.98		TAS				m_e	
KAST	55.75		P	16:09:20.628	-0.1	253.2		7.11		TAS		211.9	2.05	m_e	MBB 5.9
KAST	55.75		pP	16:09:23.544	-0.3	252.9		6.98		TAS				m_e	
MANZ	57.63		P	16:09:34.204	0.2	253.2		7.11		TAS				m_e	
MILB	55.84		P	16:09:21.134	-0.2	253.2		7.11		TAS		62.4	1.27	m_e	mb 5.5
MOX	57.50		P	16:09:33.192	-0.0	253.2		7.11		TAS		383.7	2.58	m_e	MBB 5.9
MOX	57.50		pP	16:09:35.729	-0.1	252.9		6.98		TAS				m_e	
MOX	57.50		S	16:17:39.568						T__				m_e	
MOX	57.50		L	16:28:54.860						T__		4533.7	21.60	a_e	Ms 5.5
NEUB	57.76		P	16:09:34.794	-0.1	253.2		7.11		TAS		88.4	1.19	m_e	MBB 6.0
NEUB	57.76		pP	16:09:37.505	0.1	252.9		6.98		TAS				m_e	
NRDL	57.17		P	16:09:31.252	0.3	253.2		7.11		TAS		364.9	2.12	m_e	MBB 6.2
NRDL	57.17		pP	16:09:33.795	0.1	252.9		6.98		TAS				m_e	
PLN	57.79		P	16:09:35.215	0.1	253.2		7.11		TAS		201.7	1.90	m_e	MBB 6.0
PLN	57.79		pP	16:09:37.846	0.0	252.9		6.98		TAS				m_e	
RJOB	57.49		P	16:09:32.766	-0.2	253.2		7.11		TAS				m_e	
ROTZ	57.63		P	16:09:33.866	-0.2	253.2		7.11		TAS		101.3	1.68	m_e	MBB 5.8
ROTZ	57.63		pP	16:09:36.390	-0.4	252.9		6.98		TAS				m_e	

STU	55.45	P	16:09:18.183	-0.4	253.2	7.11	TAS	144.0	1.15	m_e	mb	5.9
TANN	57.96	P	16:09:36.480	-0.3	253.2	7.11	TAS	253.6	1.99	m_e	MBB	6.0
TANN	57.96	pP	16:09:39.098		252.9	6.98	TAS			m_e		
TNS	55.45	P	16:09:18.942	0.3	253.2	7.11	TAS	502.7	2.54	m_e	MBB	6.1
TNS	55.45	pP	16:09:21.579	-0.0	252.9	6.98	TAS			m_e		
UBBA	56.58	P	16:09:26.615	0.6	253.2	7.11	TAS	204.1	2.14	m_e	MBB	6.0
UBBA	56.58	pP	16:09:29.304	-0.2	252.9	6.98	TAS			m_e		
UBR	55.72	P	16:09:21.050	0.8	253.2	7.11	TAS			m_e		
UBR	55.72	pP	16:09:23.662	-0.0	252.9	6.98	TAS			m_e		
WERD	57.87	P	16:09:35.974	-0.1	253.2	7.11	TAS	152.1	1.73	m_e	MBB	6.0
WERD	57.87	pP	16:09:38.408		252.9	6.98	TAS			m_e		
WERN	57.87	P	16:09:36.059	0.0	253.2	7.11	TAS	134.8	1.25	m_e	MBB	6.1
WERN	57.87	pP	16:09:38.648		252.9	6.98	TAS			m_e		
WET	57.89	P	16:09:35.721	-0.4	253.2	7.11	TAS	123.7	1.79	m_e	MBB	5.8
WET	57.89	pP	16:09:38.237		252.9	6.98	TAS			m_e		
WLF	53.86	P	16:09:07.053	-0.3	253.2	7.11	TAS	112.9	1.45	m_e	MBB	5.9

Event 50919001 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/19	00:28:04.56			-22.1500	170.8600				39.2	0.5		32		145.00	150.38	m i ke	BGR
50919007																	

Magnitude Err Nsta Author OrigID
 Ms 4.5 BGR 50919007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.39		PKPbc	00:47:40.616	-0.1	35.3		2.77		TAS				m_e	
ASSE	146.39		pPKPbc	00:47:52.281	0.1	34.7		2.75		TAS				m_e	
BFO	150.38		PKPbc	00:47:50.945		35.3		2.77		TAS				m_e	
BFO	150.38		PKPab	00:47:57.197						T__				m_e	
BRG	146.14		PKPbc	00:47:39.824	0.3	35.3		2.77		TAS				a_e	
BRG	146.14		pPKPbc	00:47:51.622	0.4	34.7		2.75		TAS				m_e	
BSEG	145.00		PKPbc	00:47:36.041	-0.4	35.3		2.77		TAS				m_e	
BSEG	145.00		pPKPbc	00:47:47.807	-0.3	34.7		2.75		TAS				m_e	
BUG	148.10		PKPbc	00:47:45.374	0.4	35.3		2.77		TAS				a_e	
BUG	148.10		pPKPbc	00:47:57.005		34.7		2.75		TAS				m_e	
CLL	146.18		PKPbc	00:47:39.738	0.1	35.3		2.77		TAS				m_e	
CLL	146.18		pPKPbc	00:47:51.586	0.1	34.7		2.75		TAS				m_e	
CLZ	146.73		PKPbc	00:47:41.912	0.1	35.3		2.77		TAS				m_e	
CLZ	146.73		pPKPbc	00:47:53.717	0.2	34.7		2.75		TAS				m_e	
FBE	146.34		PKPbc	00:47:40.774	0.1	35.3		2.77		TAS				a_e	
FBE	146.34		pPKPbc	00:47:52.492	0.2	34.7		2.75		TAS				m_e	
FLT1	146.03		PKPbc	00:47:39.174	0.1	35.3		2.77		TAS				a_e	
FLT1	146.03		pPKPbc	00:47:51.025	0.1	34.7		2.75		TAS				m_e	
FUR	149.33		PKPab	00:47:53.525						T__				m_e	

GEC2	147.76	PKPbc	00:47:44.674	0.3	35.3	2.77	TAS	a_e		
GEC2	147.76	pPKPbc	00:47:56.339	-0.8	34.7	2.75	TAS	m_e		
GRA1	148.16	PKPbc	00:47:45.775	-0.8	35.3	2.77	TAS	m_e		
GRA1	148.16	L	01:56:27.165				T__		77.1	18.80 a_e Ms 4.5
GTTG	147.12	PKPbc	00:47:42.924	0.3	35.3	2.77	TAS	a_e		
GTTG	147.12	pPKPbc	00:47:54.805	0.4	34.7	2.75	TAS	m_e		
GUNZ	147.19	PKPbc	00:47:43.224	0.2	35.3	2.77	TAS	a_e		
GUNZ	147.19	pPKPbc	00:47:55.073	-0.3	34.7	2.75	TAS	m_e		
IBBN	147.20	PKPbc	00:47:42.874	0.0	35.3	2.77	TAS	a_e		
IBBN	147.20	pPKPbc	00:47:54.784	0.1	34.7	2.75	TAS	m_e		
KAST	147.94	PKPbc	00:47:45.083	0.2	35.3	2.77	TAS	m_e		
KAST	147.94	pPKPbc	00:47:56.808		34.7	2.75	TAS	m_e		
MANZ	147.57	PKPbc	00:47:44.210	0.0	35.3	2.77	TAS	m_e		
MANZ	147.57	pPKPbc	00:47:56.040	-0.1	34.7	2.75	TAS	m_e		
MILB	148.78	PKPbc	00:47:47.424		35.3	2.77	TAS	a_e		
MILB	148.78	pPKPbc	00:47:59.150		34.7	2.75	TAS	m_e		
MOX	147.25	PKPbc	00:47:43.074	-0.2	35.3	2.77	TAS	m_e		
MOX	147.25	pPKPbc	00:47:54.904	0.2	34.7	2.75	TAS	m_e		
MOX	147.25	L	01:53:59.495				T__		77.4	21.20 a_e Ms 4.5
NEUB	146.75	PKPbc	00:47:41.750	0.0	35.3	2.77	TAS	m_e		
NEUB	146.75	pPKPbc	00:47:53.491	0.1	34.7	2.75	TAS	m_e		
NRDL	146.28	PKPbc	00:47:40.374	0.3	35.3	2.77	TAS	a_e		
NRDL	146.28	pPKPbc	00:47:52.095	0.4	34.7	2.75	TAS	m_e		
PLN	147.16	PKPbc	00:47:42.874	0.4	35.3	2.77	TAS	a_e		
PLN	147.16	pPKPbc	00:47:54.742	0.2	34.7	2.75	TAS	m_e		
ROTZ	147.70	PKPbc	00:47:44.614	0.2	35.3	2.77	TAS	m_e		
ROTZ	147.70	pPKPbc	00:47:56.377	-0.1	34.7	2.75	TAS	m_e		
STU	149.69	PKPbc	00:47:49.674		35.3	2.77	TAS	a_e		
STU	149.69	PKPab	00:47:54.510				T__	m_e		
STU	149.69	pPKPbc	00:48:01.407		34.7	2.75	TAS	m_e		
TANN	147.09	PKPbc	00:47:42.824	0.4	35.3	2.77	TAS	a_e		
TANN	147.09	pPKPbc	00:47:54.688	0.4	34.7	2.75	TAS	m_e		
TNS	148.76	PKPbc	00:47:47.490	-0.7	35.3	2.77	TAS	m_e		
UBBA	147.71	PKPbc	00:47:44.674	-0.1	35.3	2.77	TAS	a_e		
UBR	150.20	PKPbc	00:47:50.574		35.3	2.77	TAS	a_e		
UBR	150.20	pPKPbc	00:48:02.232		34.7	2.75	TAS	m_e		
WERD	147.13	PKPbc	00:47:42.824	0.2	35.3	2.77	TAS	a_e		
WERD	147.13	pPKPbc	00:47:54.757	0.2	34.7	2.75	TAS	m_e		
WERN	147.23	PKPbc	00:47:43.424	0.2	35.3	2.77	TAS	a_e		
WERN	147.23	pPKPbc	00:47:55.196	-0.1	34.7	2.75	TAS	m_e		
WET	147.90	PKPbc	00:47:45.099	-0.1	35.3	2.77	TAS	m_e		
WET	147.90	pPKPbc	00:47:56.783		34.7	2.75	TAS	m_e		
WLF	150.00	PKPbc	00:47:51.024		35.3	2.77	TAS	a_e		
WLF	150.00	PKPab	00:47:56.054				T__	m_e		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/19	05:06:47.10			-29.6600	-72.1200				10.0			21		106.46	110.06	m i ke	NEIC
OrigID 50919098																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.7		BGR	50919009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	108.68		PP	05:25:42.110		244.4		7.15		TAS				m_e	
BRG	110.06		PP	05:25:51.454		244.4		7.15		TAS				m_e	
CLL	109.68		PP	05:25:48.625		244.4		7.15		TAS				m_e	
CLZ	108.39		PP	05:25:39.318	-0.4	244.4		7.15		TAS				m_e	
FBE	109.74		PP	05:25:49.090		244.4		7.15		TAS				m_e	
FLT1	109.08		PP	05:25:44.204		244.4		7.15		TAS				m_e	
GEC2	109.13		PP	05:25:44.434		244.4		7.15		TAS				m_e	
GRA1	107.99		L	06:06:12.859						T__		1554.8	21.10	a_e Ms	5.5
GUNZ	108.92		PP	05:25:43.274		244.4		7.15		TAS				m_e	
KAST	107.02		PP	05:25:29.595	0.2	244.4		7.15		TAS				m_e	
MANZ	108.63		PP	05:25:41.180	0.2	244.4		7.15		TAS				m_e	
MOX	108.61		PP	05:25:40.947	0.1	244.4		7.15		TAS				m_e	
MOX	108.61		L	06:09:34.700						T__		3127.8	19.70	a_e Ms	5.9
PLN	108.87		PP	05:25:42.343		244.4		7.15		TAS				m_e	
RJOB	108.13		PP	05:25:36.677	0.4	244.4		7.15		TAS				m_e	
ROTZ	108.60		PP	05:25:40.481	0.0	244.4		7.15		TAS				m_e	
TANN	109.01		PP	05:25:44.144		244.4		7.15		TAS				m_e	
TNS	106.60		PP	05:25:26.648	-0.3	244.4		7.15		TAS				m_e	
UBBA	107.75		PP	05:25:34.897	-0.4	244.4		7.15		TAS				m_e	
UBR	106.46		PP	05:25:25.825	-0.5	244.4		7.15		TAS				m_e	
WERD	108.94		PP	05:25:43.431		244.4		7.15		TAS				m_e	
WERN	108.91		PP	05:25:43.274		244.4		7.15		TAS				m_e	
WET	108.75		PP	05:25:41.180		244.4		7.15		TAS				m_e	

Event 50919004 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/19	05:36:03.10			-6.0000	151.4800				54.0			19		122.81	127.62	m i ke	NEIC
OrigID 50919099																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	123.04		PKPdf	05:54:54.842	0.3	53.8		1.96		TAS				m_e	
BSEG	122.81		PKPdf	05:54:54.528	0.1	53.8		1.96		TAS				m_e	
CLL	123.25		PKPdf	05:54:54.968	0.1	53.8		1.96		TAS				m_e	
CLZ	124.17		PKPdf	05:54:57.293	-0.2	53.8		1.96		TAS				m_e	

GEC2	124.37	PKPdf	05:54:57.418		53.8		1.96	TAS		m_e
GTTG	124.56	PKPdf	05:54:57.989		53.8		1.96	TAS		m_e
GUNZ	124.17	PKPdf	05:54:57.230	-0.1	53.8		1.96	TAS		m_e
MANZ	124.51	PKPdf	05:54:57.724		53.8		1.96	TAS		m_e
MILB	126.01	PKPdf	05:55:00.560		53.8		1.96	TAS		m_e
MOX	124.35	PKPdf	05:54:57.418		53.8		1.96	TAS		m_e
NRDL	123.86	PKPdf	05:54:56.522	0.1	53.8		1.96	TAS		m_e
PLN	124.17	PKPdf	05:54:57.041	-0.2	53.8		1.96	TAS		m_e
RJOB	125.51	PKPdf	05:54:58.989		53.8		1.96	TAS		m_e
STU	126.75	PKPdf	05:55:01.817		53.8		1.96	TAS		m_e
TANN	124.07	PKPdf	05:54:56.916	0.2	53.8		1.96	TAS		m_e
UBR	126.98	PKPdf	05:55:02.194		53.8		1.96	TAS		m_e
WERN	124.19	PKPdf	05:54:57.230	0.4	53.8		1.96	TAS		m_e
WET	124.63	PKPdf	05:54:57.954		53.8		1.96	TAS		m_e
WLF	127.62	PKPdf	05:55:04.330		53.8		1.96	TAS		m_e

Event 50919006 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/19	08:34:36.50			-6.1000	151.3700				11.0			26		122.85	127.01	m i ke	NEIC
50919101																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	126.62		PKPdf	08:53:40.239		51.6		1.92		TAS					m_e
BRG	123.07		PKPdf	08:53:33.210	0.0	51.6		1.92		TAS					m_e
BSEG	122.85		PKPdf	08:53:32.871	-0.5	51.6		1.92		TAS					m_e
CLL	123.28		PKPdf	08:53:33.398	0.1	51.6		1.92		TAS					m_e
CLZ	124.21		PKPdf	08:53:35.711	0.2	51.6		1.92		TAS					m_e
FBE	123.34		PKPdf	08:53:34.023	0.1	51.6		1.92		TAS					m_e
FLT1	123.49		PKPdf	08:53:33.710	0.1	51.6		1.92		TAS					m_e
GEC2	124.39		PKPdf	08:53:35.736	0.1	51.6		1.92		TAS					m_e
GRA1	125.17		PKPdf	08:53:37.274		51.6		1.92		TAS					m_e
GTTG	124.60		PKPdf	08:53:36.549	0.1	51.6		1.92		TAS					m_e
GUNZ	124.19		PKPdf	08:53:35.523	0.3	51.6		1.92		TAS					m_e
IBBN	125.09		PKPdf	08:53:37.399		51.6		1.92		TAS					m_e
KAST	125.55		PKPdf	08:53:38.211		51.6		1.92		TAS					m_e
MANZ	124.54		PKPdf	08:53:36.148	-0.1	51.6		1.92		TAS					m_e
MILB	126.05		PKPdf	08:53:38.962		51.6		1.92		TAS					m_e
MOX	124.38		PKPdf	08:53:35.773	-0.1	51.6		1.92		TAS					m_e
NRDL	123.90		PKPdf	08:53:35.023	0.3	51.6		1.92		TAS					m_e
PLN	124.21		PKPdf	08:53:35.461	-0.1	51.6		1.92		TAS					m_e
ROTZ	124.62		PKPdf	08:53:36.193	0.1	51.6		1.92		TAS					m_e
STU	126.79		PKPdf	08:53:40.246		51.6		1.92		TAS					m_e
TANN	124.10		PKPdf	08:53:35.336	-0.1	51.6		1.92		TAS					m_e

TNS	126.19	PKPdf	08:53:39.399	51.6	1.92	TAS	m_e	
UBR	127.01	PKPdf	08:53:40.571	51.6	1.92	TAS	m_e	
WERD	124.16	PKPdf	08:53:35.510	0.0	51.6	1.92	TAS	m_e
WERN	124.22	PKPdf	08:53:35.773	0.1	51.6	1.92	TAS	m_e
WET	124.65	PKPdf	08:53:36.526	-0.2	51.6	1.92	TAS	m_e

Event 50919007 Near coast of central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/19	09:07:09.70			-31.1000	-71.5800				28.0			16		108.73	110.81	m i ke	NEIC
	50919102																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	109.48		PP	09:26:04.318						T__					m_e
BRG	110.81		PP	09:26:11.631						T__					m_e
CLL	110.44		PP	09:26:10.622						T__					m_e
CLZ	109.18		PP	09:26:01.701						T__					m_e
FLT1	109.88		PP	09:26:06.588						T__					m_e
GEC2	109.83		PP	09:26:06.356						T__					m_e
GRA1	108.73		PP	09:25:58.367	0.3					T__					m_e
GTTG	108.83		PP	09:25:59.339	0.4					T__					m_e
GUNZ	109.66		PP	09:26:05.214						T__					m_e
MOX	109.37		PP	09:26:03.130						T__					m_e
NEUB	109.69		PP	09:26:05.224						T__					m_e
NRDL	109.32		PP	09:26:03.372						T__					m_e
PLN	109.61		PP	09:26:04.782						T__					m_e
ROTZ	109.33		PP	09:26:02.665						T__					m_e
TANN	109.76		PP	09:26:06.176						T__					m_e
WERN	109.66		PP	09:26:05.301						T__					m_e

Event 50919009 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/19	16:07:32.13			-20.9240	-176.7640				33.0			21		146.60	152.74	m i ke	BGR
	50919015																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	152.35		PKPbc	16:27:25.278		15.3		2.51		TAS					m_e
BRG	148.95		PKPbc	16:27:17.104	0.2	15.3		2.51		TAS					m_e

BSEG	146.60	PKPbc	16:27:10.557	0.1	15.3	2.51	TAS	m_e
CLL	148.72	PKPbc	16:27:16.362	0.2	15.3	2.51	TAS	m_e
DPC	148.84	PKPbc	16:27:17.282		15.3	2.51	TAS	m_e
FBE	149.02	PKPbc	16:27:17.610	0.2	15.3	2.51	TAS	m_e
FLT1	148.04	PKPbc	16:27:14.251	0.1	15.3	2.51	TAS	m_e
FUR	152.06	PKPbc	16:27:24.590		15.3	2.51	TAS	m_e
GEC2	150.91	PKPbc	16:27:22.046		15.3	2.51	TAS	m_e
GUNZ	149.75	PKPbc	16:27:19.285		15.3	2.51	TAS	m_e
KSP	148.42	PKPbc	16:27:15.875	-0.3	15.3	2.51	TAS	m_e
MANZ	150.16	PKPbc	16:27:20.266		15.3	2.51	TAS	m_e
MILB	150.76	PKPbc	16:27:21.743		15.3	2.51	TAS	m_e
MOX	149.61	PKPbc	16:27:18.653	-0.2	15.3	2.51	TAS	m_e
PLN	149.67	PKPbc	16:27:18.897	-0.3	15.3	2.51	TAS	m_e
RJOB	152.16	PKPbc	16:27:24.590		15.3	2.51	TAS	m_e
ROTZ	150.35	PKPbc	16:27:20.695		15.3	2.51	TAS	m_e
STU	151.81	PKPbc	16:27:24.226		15.3	2.51	TAS	m_e
TANN	149.68	PKPbc	16:27:19.093		15.3	2.51	TAS	m_e
TNS	150.47	PKPbc	16:27:21.119		15.3	2.51	TAS	m_e
UBR	152.74	PKPbc	16:27:26.105		15.3	2.51	TAS	m_e
WERD	149.68	PKPbc	16:27:19.004	-0.4	15.3	2.51	TAS	m_e
WLF	151.23	PKPbc	16:27:23.561		15.3	2.51	TAS	m_e

Event 50919011 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/19	17:40:22.77			-19.4710	-177.8300				33.0			19		146.45	151.13	m i ke	BGR
OrigID 50919017																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.4		BGR	50919017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.78		PKPbc	18:00:12.406		16.7		2.68		TAS				m_e	
BRG	147.31		PKPbc	18:00:03.450	0.2	16.7		2.68		TAS				m_e	
CLL	147.10		PKPbc	18:00:02.534	0.4	16.7		2.68		TAS				m_e	
CLZ	147.06		PKPbc	18:00:02.665	0.3	16.7		2.68		TAS				m_e	
FBE	147.39		PKPbc	18:00:03.777	0.1	16.7		2.68		TAS				m_e	
FLT1	146.45		PKPbc	18:00:00.179	-0.0	16.7		2.68		TAS				m_e	
GEC2	149.26		PKPbc	18:00:08.683		16.7		2.68		TAS				m_e	
GRA1	148.99		L	19:14:19.221						T__		51.6	22.00	a_e Ms	4.3
GTTG	147.41		PKPbc	18:00:03.605	0.0	16.7		2.68		TAS				m_e	
GUNZ	148.13		PKPbc	18:00:05.805		16.7		2.68		TAS				m_e	
MANZ	148.54		PKPbc	18:00:06.885		16.7		2.68		TAS				m_e	
MILB	149.18		PKPbc	18:00:08.504		16.7		2.68		TAS				m_e	
MOX	148.00		L	19:17:25.221						T__		103.7	20.30	a_e Ms	4.6
NEUB	147.45		PKPbc	18:00:03.646	0.3	16.7		2.68		TAS				m_e	

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PLN	148.05	PKPbc	18:00:05.478	16.7	2.68	TAS	m_e
RJOB	150.51	PKPbc	18:00:11.626	16.7	2.68	TAS	m_e
ROTZ	148.72	PKPbc	18:00:07.505	16.7	2.68	TAS	m_e
TANN	148.06	PKPbc	18:00:05.494	16.7	2.68	TAS	m_e
TNS	148.91	PKPbc	18:00:07.900	16.7	2.68	TAS	m_e
UBR	151.13	PKPbc	18:00:13.192	16.7	2.68	TAS	m_e
WLF	149.71	PKPbc	18:00:10.427	16.7	2.68	TAS	m_e

Event 50919014 Northern Colombia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/19	20:45:56.14			7.0600	-73.1410				33.0			19		77.72	82.74	m i ke	BGR
OrigID 50919020																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50919020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.37	P		20:57:53.989	0.3	270.3		5.32		TAS		12.7	1.08	m_e mb	5.0
BFO	79.10	P		20:57:56.933	-0.2	270.3		5.32		TAS		4.4	0.89	m_e mb	4.5
BRG	82.74	P		20:58:16.813		270.3		5.32		TAS		6.9	1.15	m_e mb	4.8
BUG	78.54	P		20:57:54.350	-0.2	270.3		5.32		TAS		9.6	0.80	m_e mb	4.9
CLL	82.13	P		20:58:12.811		270.3		5.32		TAS		3.4	0.88	m_e mb	4.5
CLZ	80.48	P		20:58:05.189	0.6	270.3		5.32		TAS		10.3	0.91	m_e mb	4.7
GEC2	82.66	P		20:58:15.868		270.3		5.32		TAS		4.9	0.78	m_e mb	4.8
GTTG	80.23	P		20:58:03.881	0.1	270.3		5.32		TAS		8.7	0.97	m_e mb	4.7
KAST	79.25	P		20:57:58.154	0.2	270.3		5.32		TAS		5.6	1.14	m_e mb	4.5
MANZ	81.59	P		20:58:10.957		270.3		5.32		TAS		6.6	1.01	m_e mb	4.7
MILB	79.77	P		20:58:01.352	0.3	270.3		5.32		TAS		7.6	0.81	m_e mb	4.7
PLN	81.61	P		20:58:11.099		270.3		5.32		TAS		5.6	1.12	m_e mb	4.6
RJOB	82.09	P		20:58:14.068		270.3		5.32		TAS		22.6	0.84	m_e mb	5.3
STU	79.68	P		20:58:00.290	0.3	270.3		5.32		TAS		28.6	0.74	m_e mb	5.3
TANN	81.81	P		20:58:12.031		270.3		5.32		TAS		8.0	1.11	m_e mb	4.8
TNS	79.23	P		20:57:58.518	-0.4	270.3		5.32		TAS		11.2	1.11	m_e mb	4.8
WERN	81.75	P		20:58:11.930		270.3		5.32		TAS		4.8	1.02	m_e mb	4.6
WET	82.11	P		20:58:14.180		270.3		5.32		TAS		6.7	1.02	m_e mb	4.7
WLF	77.72	P		20:57:50.358	0.1	270.3		5.32		TAS		24.2	0.98	m_e mb	5.3

Event 50920002 Western Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/20	23:26:27.06			34.2870	136.6460				340.0			18		81.35	85.70	m i ke	BGR
OrigID 50920008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50920008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	85.70		P	23:38:25.903		42.7		5.06		TAS		3.9	0.79	m_e	mb	4.6
BRG	81.35		P	23:38:04.353	0.1	42.7		5.06		TAS		3.0	0.72	m_e	mb	4.4
BUG	83.77		P	23:38:17.240		42.7		5.06		TAS		29.9	1.98	m_e	mb	5.2
CLL	81.46		P	23:38:04.709	-0.1	42.7		5.06		TAS		6.4	0.97	m_e	mb	4.6
CLZ	82.19		P	23:38:08.872	0.4	42.7		5.06		TAS		14.6	1.23	m_e	mb	5.0
FBE	81.58		P	23:38:05.876	-0.0	42.7		5.06		TAS		20.0	1.66	m_e	mb	5.0
FUR	84.51		P	23:38:20.578		42.7		5.06		TAS		13.0	0.83	m_e	mb	5.2
GEC2	82.91		P	23:38:12.325		42.7		5.06		TAS		7.9	0.97	m_e	mb	4.9
GRA1	83.41		P	23:38:15.422		42.7		5.06		TAS		14.4	0.92	m_e	mb	5.2
GTTG	82.58		P	23:38:10.751		42.7		5.06		TAS		9.7	1.00	m_e	mb	5.0
GUNZ	82.43		P	23:38:10.192	-0.7	42.7		5.06		TAS		5.9	0.89	m_e	mb	4.7
MANZ	82.81		P	23:38:11.969		42.7		5.06		TAS		4.6	0.82	m_e	mb	4.7
MOX	82.54		P	23:38:10.497		42.7		5.06		TAS		11.0	1.63	m_e	mb	4.8
NEUB	82.07		P	23:38:07.958	0.3	42.7		5.06		TAS		14.1	0.97	m_e	mb	5.1
RJOB	84.12		P	23:38:18.875		42.7		5.06		TAS		23.6	1.05	m_e	mb	5.4
ROTZ	82.92		P	23:38:12.934		42.7		5.06		TAS		17.1	1.44	m_e	mb	5.1
WERN	82.47		P	23:38:10.446		42.7		5.06		TAS		6.0	0.84	m_e	mb	4.8
WET	83.07		P	23:38:13.658		42.7		5.06		TAS		42.2	2.42	m_e	mb	5.2

Event 50921002 Near coast of central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/21	05:39:33.50			-31.5900	-71.7100				23.0			23		108.25	111.80	m i ke	NEIC
OrigID 50921097																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.2		BGR	50921008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	109.92		PKiKP	05:58:03.621		242.2		1.72		TAS				m_e	
ASSE	109.92		PP	05:58:33.580	-0.1	243.3		7.31		TAS				m_e	
BRG	111.24		PKiKP	05:58:05.810		242.2		1.72		TAS				m_e	
BRG	111.24		PP	05:58:42.422		243.3		7.31		TAS				m_e	
BSEG	110.51		PKiKP	05:58:04.670		242.2		1.72		TAS				m_e	
BSEG	110.51		PP	05:58:37.535		243.3		7.31		TAS				m_e	
CLL	110.88		PKiKP	05:58:05.226		242.2		1.72		TAS				m_e	
CLL	110.88		PP	05:58:40.327		243.3		7.31		TAS				m_e	
CLZ	109.63		PKiKP	05:58:03.424	0.2	242.2		1.72		TAS				m_e	
CLZ	109.63		PP	05:58:31.334	-0.7	243.3		7.31		TAS				m_e	
FBE	110.92		PKiKP	05:58:05.465		242.2		1.72		TAS				m_e	
FBE	110.92		PP	05:58:40.327		243.3		7.31		TAS				m_e	

FLT1	110.32	PKiKP	05:58:03.811	242.2	1.72	TAS											m_e
FLT1	110.32	PP	05:58:35.907	243.3	7.31	TAS											m_e
GEC2	110.26	PKiKP	05:58:03.776	242.2	1.72	TAS											m_e
GEC2	110.26	PP	05:58:34.743	243.3	7.31	TAS											m_e
GRA1	109.16	PS	06:08:07.889			T__											m_e
GRA1	109.16	L	06:42:07.859			T__	5464.5	20.70			a_e	Ms					6.1
GUNZ	110.10	PKiKP	05:58:03.871	242.2	1.72	TAS											m_e
GUNZ	110.10	PP	05:58:34.511	243.3	7.31	TAS											m_e
HLG	109.34	PP	05:58:29.578	0.2 243.3	7.31	TAS											m_e
IBBN	108.40	PP	05:58:22.015	0.2 243.3	7.31	TAS											m_e
KAST	108.25	PP	05:58:20.469	0.0 243.3	7.31	TAS											m_e
MANZ	109.80	PKiKP	05:58:03.197	242.2	1.72	TAS											m_e
MANZ	109.80	PP	05:58:32.184	0.2 243.3	7.31	TAS											m_e
MOX	109.81	PKiKP	05:58:03.290	242.2	1.72	TAS											m_e
MOX	109.81	PP	05:58:32.469	-0.0 243.3	7.31	TAS											m_e
MOX	109.81	PS	06:08:10.171			T__											m_e
MOX	109.81	L	06:43:16.997			T__	8324.6	20.10			a_e	Ms					6.3
NEUB	110.13	PKiKP	05:58:03.788	242.2	1.72	TAS											m_e
NRDL	109.77	PKiKP	05:58:03.460	242.2	1.72	TAS											m_e
NRDL	109.77	PP	05:58:32.882	-0.4 243.3	7.31	TAS											m_e
PLN	110.05	PKiKP	05:58:03.722	242.2	1.72	TAS											m_e
PLN	110.05	PP	05:58:34.045	243.3	7.31	TAS											m_e
RJOB	109.23	PP	05:58:28.190	0.2 243.3	7.31	TAS											m_e
ROTZ	109.77	PP	05:58:31.951	-0.3 243.3	7.31	TAS											m_e
RUE	111.80	PP	05:58:46.842	243.3	7.31	TAS											m_e
TANN	110.19	PKiKP	05:58:04.223	242.2	1.72	TAS											m_e
TANN	110.19	PP	05:58:35.209	243.3	7.31	TAS											m_e
UBBA	108.96	PP	05:58:26.275	0.1 243.3	7.31	TAS											m_e
WERD	110.12	PKiKP	05:58:03.683	242.2	1.72	TAS											m_e
WERD	110.12	PP	05:58:34.511	243.3	7.31	TAS											m_e
WERN	110.09	PKiKP	05:58:03.990	242.2	1.72	TAS											m_e
WERN	110.09	PP	05:58:34.278	243.3	7.31	TAS											m_e
WET	109.89	PKiKP	05:58:03.239	242.2	1.72	TAS											m_e

Event 50921011 Near coast of central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/21	17:39:59.20			-31.7100	-71.4300				30.0			22		106.17	111.73	m i ke	EMSC
	50921059																

Magnitude	Err	Nsta	Author	OrigID
Ms	6.9		BGR	50921017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	107.12		Pdiff	17:54:15.009	0.2	244.0		4.52		TAS					m_e
AHRW	107.12		PKKPab	18:10:06.789	-0.1	62.9		4.42		TAS					m_e

ASSE	109.86	Pdiff	17:54:27.226	0.4	244.0	4.52	TAS	m_e
ASSE	109.86	PP	17:58:58.747		243.0	7.06	TAS	m_e
ASSE	109.86	PKKPbc	18:09:43.286		66.4	2.95	TAS	m_e
ASSE	109.86	PKKPab	18:09:54.765	-0.0	62.9	4.42	TAS	m_e
BFO	106.76	Pdiff	17:54:13.011	-0.2	244.0	4.52	TAS	m_e
BFO	106.76	PKKPab	18:10:08.248	-0.4	62.9	4.42	TAS	m_e
BRG	111.17	Pdiff	17:54:33.188		244.0	4.52	TAS	m_e
BRG	111.17	PP	17:59:07.871		243.0	7.06	TAS	m_e
BRG	111.17	PKKPab	18:09:48.916		62.9	4.42	TAS	m_e
BSEG	110.46	Pdiff	17:54:29.669		244.0	4.52	TAS	m_e
BSEG	110.46	PP	17:59:03.176		243.0	7.06	TAS	m_e
BSEG	110.46	PKKPbc	18:09:42.807		66.4	2.95	TAS	m_e
BSEG	110.46	PKKPab	18:09:51.767		62.9	4.42	TAS	m_e
BUG	107.66	Pdiff	17:54:17.206	-0.1	244.0	4.52	TAS	m_e
BUG	107.66	PKKPbc	18:09:50.038	0.1	66.4	2.95	TAS	m_e
BUG	107.66	PKKPab	18:10:04.270	0.1	62.9	4.42	TAS	m_e
CLL	110.81	Pdiff	17:54:31.548		244.0	4.52	TAS	m_e
CLL	110.81	PP	17:59:05.302		243.0	7.06	TAS	m_e
CLL	110.81	PKKPbc	18:09:40.996		66.4	2.95	TAS	m_e
CLL	110.81	PKKPab	18:09:50.222		62.9	4.42	TAS	m_e
CLZ	109.56	Pdiff	17:54:25.588	0.2	244.0	4.52	TAS	m_e
CLZ	109.56	PP	17:58:56.533	-0.3	243.0	7.06	TAS	m_e
CLZ	109.56	PKKPab	18:09:56.373	0.0	62.9	4.42	TAS	m_e
FBE	110.85	Pdiff	17:54:31.740		244.0	4.52	TAS	m_e
FBE	110.85	PP	17:59:05.745		243.0	7.06	TAS	m_e
FBE	110.85	PKKPbc	18:09:41.384		66.4	2.95	TAS	m_e
FBE	110.85	PKKPab	18:09:50.743		62.9	4.42	TAS	m_e
FLT1	110.26	Pdiff	17:54:28.584	0.1	244.0	4.52	TAS	m_e
FLT1	110.26	PP	17:59:01.316		243.0	7.06	TAS	m_e
FUR	108.43	PKKPbc	18:09:47.526	0.2	66.4	2.95	TAS	m_e
GEC2	110.17	Pdiff	17:54:28.191	0.1	244.0	4.52	TAS	m_e
GEC2	110.17	PP	17:59:00.342		243.0	7.06	TAS	m_e
GEC2	110.17	PKKPbc	18:09:42.189		66.4	2.95	TAS	m_e
GEC2	110.17	PKKPab	18:09:53.522	0.2	62.9	4.42	TAS	m_e
GRA1	109.08	Pdiff	17:54:24.068	-0.2	244.0	4.52	TAS	m_e
GRA1	109.08	PKKPbc	18:09:45.672	-0.3	66.4	2.95	TAS	m_e
GRA1	109.08	PKKPab	18:09:58.494	0.2	62.9	4.42	TAS	m_e
GRA1	109.08	L	18:42:35.800				T__	27135.2 20.90 a_e Ms 6.8
GTTG	109.20	Pdiff	17:54:24.242	-0.2	244.0	4.52	TAS	m_e
GTTG	109.20	PKKPab	18:09:57.909	0.3	62.9	4.42	TAS	m_e
GUNZ	110.02	Pdiff	17:54:28.024	0.4	244.0	4.52	TAS	m_e
GUNZ	110.02	PP	17:59:00.165		243.0	7.06	TAS	m_e
GUNZ	110.02	PKKPbc	18:09:42.628		66.4	2.95	TAS	m_e
GUNZ	110.02	PKKPab	18:09:54.180	0.1	62.9	4.42	TAS	m_e
IBBN	108.34	Pdiff	17:54:20.319	-0.0	244.0	4.52	TAS	m_e
IBBN	108.34	PKKPab	18:10:01.345	-0.0	62.9	4.42	TAS	m_e
KAST	108.18	Pdiff	17:54:19.259	-0.3	244.0	4.52	TAS	m_e
KAST	108.18	PKKPbc	18:09:48.518	0.1	66.4	2.95	TAS	m_e
KAST	108.18	PKKPab	18:10:02.076	0.0	62.9	4.42	TAS	m_e

MANZ	109.73	Pdiff	17:54:26.815	-0.3	244.0	4.52	TAS	m_e		
MANZ	109.73	PP	17:58:57.773	-0.1	243.0	7.06	TAS	m_e		
MANZ	109.73	PKKPab	18:09:55.496	0.0	62.9	4.42	TAS	m_e		
MILB	108.03	Pdiff	17:54:18.486	-0.5	244.0	4.52	TAS	m_e		
MILB	108.03	PKKPbc	18:09:48.989	0.0	66.4	2.95	TAS	m_e		
MILB	108.03	PKKPab	18:10:02.734	-0.1	62.9	4.42	TAS	m_e		
MOX	109.73	Pdiff	17:54:26.653	0.1	244.0	4.52	TAS	m_e		
MOX	109.73	PP	17:58:57.861	0.2	243.0	7.06	TAS	m_e		
MOX	109.73	PKKPab	18:09:55.350	-0.1	62.9	4.42	TAS	m_e		
MOX	109.73	L	18:43:44.527				T__		34248.9	20.20 a_e Ms 6.9
NEUB	110.06	Pdiff	17:54:28.177	-0.4	244.0	4.52	TAS	m_e		
NEUB	110.06	PP	17:59:00.125		243.0	7.06	TAS	m_e		
NEUB	110.06	PKKPbc	18:09:42.482		66.4	2.95	TAS	m_e		
NEUB	110.06	PKKPab	18:09:53.887	-0.1	62.9	4.42	TAS	m_e		
NRDL	109.71	Pdiff	17:54:26.710	0.0	244.0	4.52	TAS	m_e		
NRDL	109.71	PP	17:58:58.216	0.1	243.0	7.06	TAS	m_e		
NRDL	109.71	PKKPbc	18:09:44.090	-0.0	66.4	2.95	TAS	m_e		
NRDL	109.71	PKKPab	18:09:55.496	0.3	62.9	4.42	TAS	m_e		
PLN	109.98	Pdiff	17:54:27.790	0.1	244.0	4.52	TAS	m_e		
PLN	109.98	PP	17:58:59.722		243.0	7.06	TAS	m_e		
PLN	109.98	PKKPbc	18:09:42.847		66.4	2.95	TAS	m_e		
PLN	109.98	PKKPab	18:09:54.253	-0.1	62.9	4.42	TAS	m_e		
RJOB	109.15	Pdiff	17:54:23.949	0.0	244.0	4.52	TAS	m_e		
RJOB	109.15	PKKPbc	18:09:45.154	-0.2	66.4	2.95	TAS	m_e		
RJOB	109.15	PKKPab	18:09:58.055	0.3	62.9	4.42	TAS	m_e		
ROTZ	109.69	Pdiff	17:54:26.513	0.2	244.0	4.52	TAS	m_e		
ROTZ	109.69	PP	17:58:57.330	-0.2	243.0	7.06	TAS	m_e		
ROTZ	109.69	PKKPab	18:09:56.008	-0.1	62.9	4.42	TAS	m_e		
RUE	111.73	PP	17:59:12.301		243.0	7.06	TAS	m_e		
SKMB	110.34	PP	17:59:03.088		243.0	7.06	TAS	m_e		
STU	107.48	Pdiff	17:54:16.306	-0.2	244.0	4.52	TAS	m_e		
TANN	110.12	Pdiff	17:54:28.778	-0.3	244.0	4.52	TAS	m_e		
TANN	110.12	PP	17:59:00.607		243.0	7.06	TAS	m_e		
TANN	110.12	PKKPbc	18:09:42.189		66.4	2.95	TAS	m_e		
TANN	110.12	PKKPab	18:09:53.814	-0.4	62.9	4.42	TAS	m_e		
TNS	107.74	Pdiff	17:54:17.597	0.0	244.0	4.52	TAS	m_e		
TNS	107.74	PKKPbc	18:09:50.185	-0.1	66.4	2.95	TAS	m_e		
TNS	107.74	PKKPab	18:10:04.363	-0.2	62.9	4.42	TAS	m_e		
UBBA	108.89	Pdiff	17:54:23.110	0.4	244.0	4.52	TAS	m_e		
UBBA	108.89	PKKPbc	18:09:46.283	-0.4	66.4	2.95	TAS	m_e		
UBBA	108.89	PKKPab	18:09:59.078	-0.0	62.9	4.42	TAS	m_e		
UBR	107.51	Pdiff	17:54:16.931	0.3	244.0	4.52	TAS	m_e		
UBR	107.51	PKKPbc	18:09:50.364	-0.1	66.4	2.95	TAS	m_e		
UBR	107.51	PKKPab	18:10:05.269	-0.2	62.9	4.42	TAS	m_e		
WERD	110.04	PP	17:58:59.987		243.0	7.06	TAS	m_e		
WERD	110.04	PKKPbc	18:09:42.628		66.4	2.95	TAS	m_e		
WERD	110.04	PKKPab	18:09:53.960	-0.0	62.9	4.42	TAS	m_e		
WERN	110.02	Pdiff	17:54:28.326	0.1	244.0	4.52	TAS	m_e		
WERN	110.02	PP	17:58:59.987		243.0	7.06	TAS	m_e		

WERN	110.02	PKKPbc	18:09:42.774		66.4	2.95	TAS	m_e
WERN	110.02	PKKPab	18:09:54.326	-0.1	62.9	4.42	TAS	m_e
WET	109.81	Pdiff	17:54:26.734	0.1	244.0	4.52	TAS	m_e
WET	109.81	PP	17:58:58.747		243.0	7.06	TAS	m_e
WET	109.81	PKKPbc	18:09:43.578	0.8	66.4	2.95	TAS	m_e
WET	109.81	PKKPab	18:09:55.496	0.1	62.9	4.42	TAS	m_e
WLF	106.17	Pdiff	17:54:10.726	0.2	244.0	4.52	TAS	m_e
WLF	106.17	PKKPab	18:10:11.523	0.4	62.9	4.42	TAS	m_e

Event 50921012 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/21	20:26:24.96			-19.9330	-172.5370				18.6	1.1		32		145.99	152.24	m i ke	BGR
50921018																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.46		PKPbc	20:46:13.142	0.4	7.1		2.56		TAS					m_e
ASSE	147.77		PKPbc	20:46:08.454	-0.1	7.1		2.56		TAS					m_e
BFO	151.66		PKPbc	20:46:18.253		7.1		2.56		TAS					m_e
BRG	148.70		PKPbc	20:46:10.686	0.0	7.1		2.56		TAS					m_e
BSEG	145.99		PKPbc	20:46:02.863	-0.0	7.1		2.56		TAS					m_e
BUG	148.56		PKPbc	20:46:10.388	0.0	7.1		2.56		TAS					m_e
CLL	148.39		PKPbc	20:46:09.793	0.2	7.1		2.56		TAS					m_e
CLZ	148.07		PKPbc	20:46:09.421	-0.1	7.1		2.56		TAS					m_e
FBE	148.73		PKPbc	20:46:11.058	0.2	7.1		2.56		TAS					m_e
FLT1	147.53		PKPbc	20:46:07.412	0.1	7.1		2.56		TAS					m_e
FUR	151.67		PKPbc	20:46:18.214		7.1		2.56		TAS					m_e
GEC2	150.72		PKPbc	20:46:15.804		7.1		2.56		TAS					m_e
GEC2	150.72		pPKPbc	20:46:21.566						T__					m_e
GRA1	150.16		PKPbc	20:46:14.704	-0.6	7.1		2.56		TAS					m_e
GRA1	150.16		pPKPbc	20:46:19.966						T__					m_e
GTTG	148.39		PKPbc	20:46:10.056	0.1	7.1		2.56		TAS					m_e
GUNZ	149.39		PKPbc	20:46:12.770	0.2	7.1		2.56		TAS					m_e
IBBN	147.69		PKPbc	20:46:08.300	-0.2	7.1		2.56		TAS					m_e
KAST	148.79		PKPbc	20:46:11.110	0.1	7.1		2.56		TAS					m_e
MANZ	149.79		PKPbc	20:46:13.811	-0.2	7.1		2.56		TAS					m_e
MILB	150.14		PKPbc	20:46:14.853	-0.1	7.1		2.56		TAS					m_e
MOX	149.18		PKPbc	20:46:11.877	0.2	7.1		2.56		TAS					m_e
NEUB	148.62		PKPbc	20:46:10.388	-0.1	7.1		2.56		TAS					m_e
NRDL	147.44		PKPbc	20:46:07.450	-0.1	7.1		2.56		TAS					m_e
PLN	149.29		PKPbc	20:46:12.249	0.6	7.1		2.56		TAS					m_e
RJOB	151.93		PKPbc	20:46:18.434		7.1		2.56		TAS					m_e
ROTZ	149.99		PKPbc	20:46:14.183	-0.2	7.1		2.56		TAS					m_e
TANN	149.33		PKPbc	20:46:12.472	0.3	7.1		2.56		TAS					m_e

TNS	149.77	PKPbc	20:46:13.737	-0.1	7.1	2.56	TAS	m_e
UBBA	149.12	PKPbc	20:46:11.830	0.3	7.1	2.56	TAS	m_e
UBR	152.24	PKPbc	20:46:19.226		7.1	2.56	TAS	m_e
WERD	149.31	PKPbc	20:46:12.472	0.2	7.1	2.56	TAS	m_e
WERN	149.46	PKPbc	20:46:13.216	0.3	7.1	2.56	TAS	m_e
WET	150.53	PKPbc	20:46:15.311		7.1	2.56	TAS	m_e
WET	150.53	pPKPbc	20:46:21.065				T__	m_e

Event 50922003 Eastern Arabian Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/22	04:03:26.38			14.2400	50.4100				16.1	1.0		23		45.67	50.89	m i ke	BGR
OrigID 50922009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50922009
Ms	4.4		BGR	50922009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	50.34		P	04:12:22.337		124.8		7.75		TAS		34.4	1.54	m_e	mb 5.0
ASSE	49.30		P	04:12:14.065		124.8		7.75		TAS		30.3	1.78	m_e	mb 5.0
BFO	48.52		P	04:12:08.363	0.1	124.8		7.75		TAS		24.3	1.16	m_e	mb 5.1
BRG	46.91		P	04:11:55.699	-0.1	124.8		7.75		TAS		133.6	3.07	m_e	mb 5.5
BRG	46.91		pP	04:11:59.986	0.2	126.5		7.74		TAS				m_e	
CLL	47.64		P	04:12:01.734	-0.1	124.8		7.75		TAS		22.5	1.46	m_e	mb 5.1
FBE	47.23		P	04:11:58.276	-0.2	124.8		7.75		TAS		18.7	1.26	m_e	mb 5.1
FBE	47.23		pP	04:12:02.756		126.5		7.74		TAS				m_e	
FLT1	49.13		P	04:12:12.316		124.8		7.75		TAS		16.5	1.19	m_e	mb 4.9
FLT1	49.13		pP	04:12:16.934		126.5		7.74		TAS				m_e	
FUR	46.75		P	04:11:54.464	0.1	124.8		7.75		TAS		38.5	1.35	m_e	mb 5.4
GEC2	45.81		P	04:11:47.308	0.0	124.8		7.75		TAS		81.2	2.59	m_e	mb 5.3
GRA1	47.63		L	04:38:33.623						T__		298.3	18.50	a_e	Ms 4.3
GUNZ	47.42		P	04:12:00.014	-0.0	124.8		7.75		TAS		164.5	2.68	m_e	mb 5.7
IBBN	50.89		P	04:12:26.336		124.8		7.75		TAS				m_e	
LNIZ	48.43		P	04:12:07.666	0.1	124.8		7.75		TAS		41.6	1.14	m_e	mb 5.5
MANZ	47.32		P	04:11:58.835	0.2	124.8		7.75		TAS		110.5	3.28	m_e	mb 5.4
MANZ	47.32		pP	04:12:02.920		126.5		7.74		TAS				m_e	
MOX	47.96		P	04:12:04.061	0.6	124.8		7.75		TAS		16.8	1.37	m_e	mb 5.0
MOX	47.96		L	04:37:54.769						T__		437.8	18.90	a_e	Ms 4.5
NEUB	48.20		P	04:12:05.739	-0.2	124.8		7.75		TAS		43.9	1.40	m_e	mb 5.4
NRDL	49.79		P	04:12:18.219		124.8		7.75		TAS		20.2	1.35	m_e	mb 4.9
NRDL	49.79		pP	04:12:22.634		126.5		7.74		TAS				m_e	
PLN	47.58		P	04:12:01.118	0.3	124.8		7.75		TAS		31.8	1.60	m_e	mb 5.2
RJOB	45.67		P	04:11:46.004	0.0	124.8		7.75		TAS		132.4	1.92	m_e	mb 5.6
ROTZ	47.14		P	04:11:57.299	-0.0	124.8		7.75		TAS		90.0	2.80	m_e	mb 5.4
ROTZ	47.14		pP	04:12:01.458	0.2	126.5		7.74		TAS				m_e	

TANN	47.39	P	04:11:59.635	0.2	124.8	7.75	TAS	44.5	2.11	m_e	mb	5.2
WERD	47.49	P	04:12:00.265	0.1	124.8	7.75	TAS	27.5	1.44	m_e	mb	5.2
WERD	47.49	pP	04:12:04.604		126.5	7.74	TAS			m_e		
WERN	47.36	P	04:11:59.531	0.1	124.8	7.75	TAS	152.6	2.79	m_e	mb	5.6
WET	46.42	P	04:11:51.264	-0.8	124.8	7.75	TAS	41.4	2.21	m_e	mb	5.1

Event 50922004 Near coast of central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/22	07:12:59.90			-31.4800	-71.2000				54.0			21		107.88	112.08	m i ke	NEIC
	50922099																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	109.55		PP	07:31:53.222		242.8		7.13		TAS				m_e	
BRG	110.87		PKiKP	07:31:26.641		239.2		1.81		TAS				m_e	
BRG	110.87		PP	07:32:02.118		242.8		7.13		TAS				m_e	
BSEG	110.15		PP	07:31:57.637		242.8		7.13		TAS				m_e	
CLL	110.51		PKiKP	07:31:26.021		239.2		1.81		TAS				m_e	
CLL	110.51		PP	07:31:59.658		242.8		7.13		TAS				m_e	
FBE	110.55		PKiKP	07:31:26.296		239.2		1.81		TAS				m_e	
FBE	110.55		PP	07:31:59.808		242.8		7.13		TAS				m_e	
FLT1	109.95		PP	07:31:55.981		242.8		7.13		TAS				m_e	
GEC2	109.87		PKiKP	07:31:24.557		239.2		1.81		TAS				m_e	
GTTG	108.90		PP	07:31:48.256	-0.1	242.8		7.13		TAS				m_e	
GUNZ	109.72		PKiKP	07:31:24.922		239.2		1.81		TAS				m_e	
GUNZ	109.72		PP	07:31:54.405		242.8		7.13		TAS				m_e	
KAST	107.88		PKiKP	07:31:21.533	-0.1	239.2		1.81		TAS				m_e	
KAST	107.88		PP	07:31:41.161	0.2	242.8		7.13		TAS				m_e	
LNIZ	112.08		PP	07:32:11.134		242.8		7.13		TAS				m_e	
MANZ	109.43		PKiKP	07:31:23.952		239.2		1.81		TAS				m_e	
MANZ	109.43		PP	07:31:51.358	-0.1	242.8		7.13		TAS				m_e	
MOX	109.43		PKiKP	07:31:24.213		239.2		1.81		TAS				m_e	
MOX	109.43		PP	07:31:52.276	0.2	242.8		7.13		TAS				m_e	
NEUB	109.76		PKiKP	07:31:24.765		239.2		1.81		TAS				m_e	
NEUB	109.76		PP	07:31:54.483		242.8		7.13		TAS				m_e	
NRDL	109.41		PP	07:31:52.421	-0.2	242.8		7.13		TAS				m_e	
PLN	109.67		PKiKP	07:31:24.607		239.2		1.81		TAS				m_e	
PLN	109.67		PP	07:31:54.010		242.8		7.13		TAS				m_e	
ROTZ	109.39		PP	07:31:51.389	-0.1	242.8		7.13		TAS				m_e	
RUE	111.43		PP	07:32:06.677		242.8		7.13		TAS				m_e	
TANN	109.82		PP	07:31:55.035		242.8		7.13		TAS				m_e	
UBBA	108.59		PP	07:31:46.285	0.1	242.8		7.13		TAS				m_e	
WERD	109.74		PKiKP	07:31:24.686		239.2		1.81		TAS				m_e	
WERD	109.74		PP	07:31:54.326		242.8		7.13		TAS				m_e	

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WERN	109.71	PKiKP	07:31:24.922	239.2	1.81	TAS	m_e
WERN	109.71	PP	07:31:54.089	242.8	7.13	TAS	m_e

Event 50923005 North Island, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/23	18:47:51.80			-38.2600	176.1000				181.0			22		161.20	166.58	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	166.58		PKPab	19:08:37.500		45.0		4.47		TAS				m_e	
BRG	162.15		PKPab	19:08:18.118	0.3	45.0		4.47		TAS				m_e	
BSEG	161.54		PKPab	19:08:15.069	-0.5	45.0		4.47		TAS				m_e	
CLL	162.33		PKPab	19:08:18.603	0.3	45.0		4.47		TAS				m_e	
CLZ	163.13		PKPab	19:08:22.603	-0.9	45.0		4.47		TAS				m_e	
FBE	162.41		PKPab	19:08:19.573	0.1	45.0		4.47		TAS				m_e	
FLT1	162.41		PKPab	19:08:18.603	0.1	45.0		4.47		TAS				m_e	
GEC2	163.47		PKPab	19:08:23.910	0.2	45.0		4.47		TAS				m_e	
GRA1	164.25		PKPab	19:08:27.706		45.0		4.47		TAS				m_e	
GUNZ	163.27		PKPab	19:08:23.209	-0.0	45.0		4.47		TAS				m_e	
KAST	164.41		PKPab	19:08:28.058		45.0		4.47		TAS				m_e	
MANZ	163.62		PKPab	19:08:24.791	-0.2	45.0		4.47		TAS				m_e	
MILB	165.07		PKPab	19:08:31.064		45.0		4.47		TAS				m_e	
MOX	163.43		PKPab	19:08:23.815	0.1	45.0		4.47		TAS				m_e	
NEUB	162.98		PKPab	19:08:21.895	0.2	45.0		4.47		TAS				m_e	
PLN	163.28		PKPab	19:08:23.045	0.3	45.0		4.47		TAS				m_e	
ROTZ	163.71		PKPab	19:08:25.149		45.0		4.47		TAS				m_e	
RUE	161.20		PKPab	19:08:14.070	-0.1	45.0		4.47		TAS				m_e	
TANN	163.18		PKPab	19:08:22.724	0.1	45.0		4.47		TAS				m_e	
TNS	165.15		PKPab	19:08:31.452		45.0		4.47		TAS				m_e	
WERN	163.30		PKPab	19:08:23.330	-0.1	45.0		4.47		TAS				m_e	
WLF	166.51		PKPab	19:08:37.606		45.0		4.47		TAS				m_e	

Event 50924006 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
2015/09/24	10:05:05.93			40.3690	142.9660				33.0					80.78	80.78	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50924012

Ms 4.4 BGR 50924012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	80.78		P	10:17:14.858		36.6		4.48		TAS		15.6	0.94	m_e	mb 5.0
GRA1	80.78		L	10:58:28.791						T__		158.4	19.30	a_e	Ms 4.4

Event 50924008 Vancouver Island, Canada, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/24	13:48:58.80			50.5600	-130.8800				25.9	3.0		25		70.90	76.54	m i ke	BGR
OrigID 50924014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50924014
Ms	5.5		BGR	50924014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	73.10		P	14:00:28.914	0.3	336.2		5.87		TAS		69.3	1.99	m_e	mb 5.4
ASSE	72.63		P	14:00:26.189	0.0	336.2		5.87		TAS		51.2	1.98	m_e	mb 5.3
BFO	75.44		P	14:00:42.476		336.2		5.87		TAS		72.8	2.42	m_e	mb 5.3
BFO	75.44		pP	14:00:49.418		332.8		5.81		TAS				m_e	
BRG	74.60		P	14:00:37.823		336.2		5.87		TAS		42.9	1.85	m_e	mb 5.2
BRG	74.60		pP	14:00:45.838		332.8		5.81		TAS				m_e	
BSEG	70.90		P	14:00:16.184	-0.2	336.2		5.87		TAS		38.1	1.52	m_e	mb 5.3
BUG	72.34		P	14:00:24.175	0.5	336.2		5.87		TAS		39.1	1.80	m_e	mb 5.2
CLL	73.97		P	14:00:33.664	-0.1	336.2		5.87		TAS		23.1	1.98	m_e	mb 4.9
CLL	73.97		pP	14:00:41.934		332.8		5.81		TAS				m_e	
CLZ	72.82		P	14:00:27.818	0.1	336.2		5.87		TAS		107.0	2.28	m_e	mb 5.6
FBE	74.41		P	14:00:36.892	-0.1	336.2		5.87		TAS		76.1	2.15	m_e	mb 5.3
FLT1	72.59		P	14:00:25.511	0.2	336.2		5.87		TAS		23.4	1.47	m_e	mb 5.1
GEC2	76.42		P	14:00:48.293		336.2		5.87		TAS		18.3	1.71	m_e	mb 4.9
GEC2	76.42		pP	14:00:56.269		332.8		5.81		TAS				m_e	
GRA1	75.00		P	14:00:40.492		336.2		5.87		TAS		71.6	1.99	m_e	mb 5.4
GRA1	75.00		pP	14:00:47.166		332.8		5.81		TAS				m_e	
GRA1	75.00		L	14:32:19.567						T__		2354.2	21.50	a_e	Ms 5.5
IBBN	71.70		P	14:00:20.747	-0.3	336.2		5.87		TAS		243.0	2.42	m_e	mb 5.9
KAST	72.88		P	14:00:27.818	0.0	336.2		5.87		TAS		23.7	1.66	m_e	mb 5.1
LNIZ	72.24		P	14:00:23.738	-0.0	336.2		5.87		TAS		125.7	1.66	m_e	mb 5.8
MILB	74.36		P	14:00:36.660	0.1	336.2		5.87		TAS		82.0	2.23	m_e	mb 5.4
MILB	74.36		pP	14:00:43.345		332.8		5.81		TAS				m_e	
MOX	74.23		P	14:00:35.063	-0.2	336.2		5.87		TAS		7.1	1.04	m_e	mb 4.6
MOX	74.23		L	14:34:45.085						T__		2536.0	18.70	a_e	Ms 5.5
NRDL	72.16		P	14:00:23.143	-0.4	336.2		5.87		TAS		58.9	2.08	m_e	mb 5.4
ROTZ	75.19		P	14:00:41.080		336.2		5.87		TAS		23.5	1.87	m_e	mb 4.9
TANN	74.66		P	14:00:38.008		336.2		5.87		TAS		19.9	2.11	m_e	mb 4.8
TNS	73.77		P	14:00:32.872	0.4	336.2		5.87		TAS		99.9	2.50	m_e	mb 5.4

TNS	73.77	pP	14:00:39.460	332.8	5.81	TAS											m_e
UBBA	73.65	P	14:00:32.310	0.1 336.2	5.87	TAS	33.4	1.94									m_e mb 5.0
UBBA	73.65	pP	14:00:40.367	332.8	5.81	TAS											m_e
UBR	76.54	P	14:00:49.032	336.2	5.87	TAS	171.0	2.98									m_e mb 5.7
WERD	74.59	pP	14:00:45.450	332.8	5.81	TAS											m_e
WET	75.93	P	14:00:45.693	336.2	5.87	TAS	42.6	2.45									m_e mb 5.1

Event 50924010 Irian Jaya, Indonesia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/24	15:53:28.70			-0.6300	131.2500				24.0			25		106.28	111.00	m i ke	NEIC
OrigID 50924105																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.3		BGR	50924016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	108.79		Pdiff	16:07:52.870	0.1					T__					m_e
BRG	107.40		Pdiff	16:07:46.513	0.3					T__					m_e
BSEG	108.22		Pdiff	16:07:50.201	-0.1					T__					m_e
BUG	111.00		Pdiff	16:08:02.681						T__					m_e
CLL	107.79		Pdiff	16:07:48.019	-0.1					T__					m_e
CLZ	109.08		Pdiff	16:07:54.351	0.1					T__					m_e
FBE	107.73		Pdiff	16:07:48.376	-0.3					T__					m_e
FLT1	108.39		Pdiff	16:07:50.481	-0.1					T__					m_e
GEC2	108.28		Pdiff	16:07:50.591	-0.6					T__					m_e
GRA1	109.47		L	17:05:34.645						T__		8110.0	19.70	a_e Ms	6.3
GTTG	109.44		Pdiff	16:07:55.966						T__					m_e
GUNZ	108.55		Pdiff	16:07:51.880	-0.1					T__					m_e
KAST	110.46		Pdiff	16:08:00.468						T__					m_e
LNIZ	106.28		Pdiff	16:07:41.674	0.2					T__					m_e
MANZ	108.82		Pdiff	16:07:53.074	-0.1					T__					m_e
MOX	108.86		Pdiff	16:07:53.074	0.2					T__					m_e
MOX	108.86		L	17:08:14.800						T__		9053.4	18.40	a_e Ms	6.4
NEUB	108.55		Pdiff	16:07:51.567	0.0					T__					m_e
NRDL	108.96		Pdiff	16:07:53.925	0.2					T__					m_e
PLN	108.60		Pdiff	16:07:52.026	0.0					T__					m_e
ROTZ	108.85		Pdiff	16:07:53.212	0.3					T__					m_e
RUE	106.91		Pdiff	16:07:44.407	-0.1					T__					m_e
TANN	108.45		Pdiff	16:07:51.280	0.1					T__					m_e
TNS	110.88		Pdiff	16:08:02.225						T__					m_e
WERD	108.53		Pdiff	16:07:51.627	-0.2					T__					m_e
WERN	108.55		Pdiff	16:07:51.651	0.1					T__					m_e
WET	108.68		Pdiff	16:07:52.539	0.1					T__					m_e

Event 50924011 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/24	15:56:57.10			-10.1500	160.4900				23.0			26		129.03	133.11	m i ke	NEIC
OrigID 50924106																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	131.49		pPKPdf	16:16:14.463	-0.1	41.7		1.97		TAS					m_e
BRG	130.99		PKPdf	16:16:06.101	0.0	42.2		1.88		TAS					m_e
BRG	130.99		pPKPdf	16:16:13.633	0.2	41.7		1.97		TAS					m_e
BSEG	130.26		PKPdf	16:16:04.626	0.1	42.2		1.88		TAS					m_e
BSEG	130.26		pPKPdf	16:16:12.173	-0.4	41.7		1.97		TAS					m_e
CLL	131.10		PKPdf	16:16:06.351	0.1	42.2		1.88		TAS					m_e
CLL	131.10		pPKPdf	16:16:13.489	0.2	41.7		1.97		TAS					m_e
CLZ	131.83		PKPdf	16:16:07.861	0.3	42.2		1.88		TAS					m_e
CLZ	131.83		pPKPdf	16:16:15.333	0.0	41.7		1.97		TAS					m_e
FBE	131.22		PKPdf	16:16:06.502	0.3	42.2		1.88		TAS					m_e
FBE	131.22		pPKPdf	16:16:14.313	-0.1	41.7		1.97		TAS					m_e
FLT1	131.11		PKPdf	16:16:06.062	-0.0	42.2		1.88		TAS					m_e
FLT1	131.11		pPKPdf	16:16:13.578	-0.1	41.7		1.97		TAS					m_e
GEC2	132.50		PKPdf	16:16:08.807	-0.0	42.2		1.88		TAS					m_e
GEC2	132.50		pPKPdf	16:16:16.489	0.0	41.7		1.97		TAS					m_e
GRA1	133.06		PKPdf	16:16:09.913		42.2		1.88		TAS					m_e
GRA1	133.06		pPKPdf	16:16:17.903		41.7		1.97		TAS					m_e
GTTG	132.22		PKPdf	16:16:08.447	-0.2	42.2		1.88		TAS					m_e
GTTG	132.22		pPKPdf	16:16:16.099	-0.3	41.7		1.97		TAS					m_e
GUNZ	132.08		PKPdf	16:16:08.439	0.0	42.2		1.88		TAS					m_e
GUNZ	132.08		pPKPdf	16:16:15.978	0.1	41.7		1.97		TAS					m_e
IBBN	132.50		PKPdf	16:16:08.617	-0.1	42.2		1.88		TAS					m_e
IBBN	132.50		pPKPdf	16:16:16.546	0.1	41.7		1.97		TAS					m_e
KAST	133.11		PKPdf	16:16:10.196		42.2		1.88		TAS					m_e
KAST	133.11		pPKPdf	16:16:17.716		41.7		1.97		TAS					m_e
LNIZ	129.03		PKPdf	16:16:02.457	-0.2	42.2		1.88		TAS					m_e
LNIZ	129.03		pPKPdf	16:16:09.983	-0.1	41.7		1.97		TAS					m_e
MANZ	132.45		PKPdf	16:16:08.807	0.1	42.2		1.88		TAS					m_e
MANZ	132.45		pPKPdf	16:16:16.670	0.1	41.7		1.97		TAS					m_e
MOX	132.19		PKPdf	16:16:08.349	-0.2	42.2		1.88		TAS					m_e
MOX	132.19		pPKPdf	16:16:16.101	-0.1	41.7		1.97		TAS					m_e
NEUB	131.72		PKPdf	16:16:07.386	-0.1	42.2		1.88		TAS					m_e
NEUB	131.72		pPKPdf	16:16:14.926	0.0	41.7		1.97		TAS					m_e
NRDL	131.44		PKPdf	16:16:06.986	0.0	42.2		1.88		TAS					m_e
NRDL	131.44		pPKPdf	16:16:14.687	0.1	41.7		1.97		TAS					m_e
PLN	132.07		PKPdf	16:16:07.948	0.1	42.2		1.88		TAS					m_e
PLN	132.07		pPKPdf	16:16:15.797	0.1	41.7		1.97		TAS					m_e
ROTZ	132.56		PKPdf	16:16:08.807	0.2	42.2		1.88		TAS					m_e

ROTZ	132.56	pPKPdf	16:16:16.842	0.2	41.7	1.97	TAS	m_e
RUE	129.94	PKPdf	16:16:03.822	-0.1	42.2	1.88	TAS	m_e
RUE	129.94	pPKPdf	16:16:11.503	-0.0	41.7	1.97	TAS	m_e
TANN	131.98	PKPdf	16:16:07.948	0.2	42.2	1.88	TAS	m_e
TANN	131.98	pPKPdf	16:16:15.575	0.2	41.7	1.97	TAS	m_e
UBBA	132.75	PKPdf	16:16:09.267		42.2	1.88	TAS	m_e
UBBA	132.75	pPKPdf	16:16:17.093		41.7	1.97	TAS	m_e
WERD	132.03	PKPdf	16:16:07.825	0.1	42.2	1.88	TAS	m_e
WERD	132.03	pPKPdf	16:16:15.758	0.1	41.7	1.97	TAS	m_e
WERN	132.11	PKPdf	16:16:08.335	-0.3	42.2	1.88	TAS	m_e
WERN	132.11	pPKPdf	16:16:16.031	0.1	41.7	1.97	TAS	m_e
WET	132.69	PKPdf	16:16:09.422		42.2	1.88	TAS	m_e
WET	132.69	pPKPdf	16:16:17.193	-0.1	41.7	1.97	TAS	m_e

Event 50924017 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/24	22:30:31.20			-33.1700	-177.1200				10.0			24		158.58	164.31	m i ke	NEIC
	50924112																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	164.31		PKPab	22:51:34.295		23.7		4.35		TAS					m_e
BRG	160.53		PKPab	22:51:17.771	0.2	23.7		4.35		TAS					m_e
BSEG	158.58		PKPab	22:51:09.668	-0.2	23.7		4.35		TAS					m_e
CLL	160.42		PKPab	22:51:16.998	0.0	23.7		4.35		TAS					m_e
CLZ	160.56		PKPab	22:51:18.286	0.0	23.7		4.35		TAS					m_e
FBE	160.67		PKPab	22:51:18.458	0.2	23.7		4.35		TAS					m_e
FLT1	159.92		PKPab	22:51:14.766	-0.4	23.7		4.35		TAS					m_e
FUR	163.74		PKPab	22:51:32.021		23.7		4.35		TAS					m_e
GRA1	162.37		PKPab	22:51:26.355		23.7		4.35		TAS					m_e
GUNZ	161.46		PKPab	22:51:22.063	0.1	23.7		4.35		TAS					m_e
IBBN	160.55		PKPab	22:51:18.200	0.3	23.7		4.35		TAS					m_e
KAST	161.53		PKPab	22:51:22.321	-0.0	23.7		4.35		TAS					m_e
MANZ	161.86		PKPab	22:51:23.694		23.7		4.35		TAS					m_e
MILB	162.69		PKPab	22:51:27.299		23.7		4.35		TAS					m_e
MOX	161.39		PKPab	22:51:21.548	-0.0	23.7		4.35		TAS					m_e
NEUB	160.85		PKPab	22:51:19.144	-0.2	23.7		4.35		TAS					m_e
PLN	161.39		PKPab	22:51:21.720	0.6	23.7		4.35		TAS					m_e
RJOB	163.63		PKPab	22:51:30.991		23.7		4.35		TAS					m_e
ROTZ	162.03		PKPab	22:51:24.810		23.7		4.35		TAS					m_e
TANN	161.38		PKPab	22:51:21.548	0.4	23.7		4.35		TAS					m_e
TNS	162.47		PKPab	22:51:26.441		23.7		4.35		TAS					m_e
WERD	161.39		PKPab	22:51:21.548	-0.2	23.7		4.35		TAS					m_e
WERN	161.51		PKPab	22:51:22.375	-0.8	23.7		4.35		TAS					m_e

WET 162.38 PKPab 22:51:25.926 23.7 4.35 TAS m_e

Event 50924016 Kuril Islands, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/09/24 22:35:50.10 46.7700 150.5100 33.0 31 74.13 79.71 m i ke BGR
50924022

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 50924022

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 various stations like AHRW, BFO, BRG, etc.

Event 50925002 Lake Baykal, Russia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/25	23:24:20.21			55.4600	111.7600				33.0			18		54.07	58.41	m i ke	BGR
OrigID 50925008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50925008
Ms	4.2		BGR	50925008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	58.41		P	23:34:12.162		42.6		7.16		TAS		5.3	0.99	m_e	mb	4.5
BRG	54.07		P	23:33:41.933	0.4	42.6		7.16		TAS		3.5	0.73	m_e	mb	4.5
BUG	56.51		P	23:33:59.356		42.6		7.16		TAS		6.2	0.87	m_e	mb	4.7
CLL	54.17		P	23:33:42.054	0.3	42.6		7.16		TAS		3.9	0.68	m_e	mb	4.6
GEC2	55.65		P	23:33:53.009		42.6		7.16		TAS		3.7	1.09	m_e	mb	4.3
GRA1	56.13		P	23:33:56.841		42.6		7.16		TAS		4.8	0.89	m_e	mb	4.5
GRA1	56.13		L	23:59:30.060						T__		155.9	20.10	a_e	Ms	4.1
GTTG	55.30		P	23:33:51.341		42.6		7.16		TAS		11.1	0.75	m_e	mb	5.0
GUNZ	55.15		P	23:33:50.166		42.6		7.16		TAS		3.4	0.73	m_e	mb	4.5
MILB	56.86		P	23:34:02.038		42.6		7.16		TAS		3.0	0.82	m_e	mb	4.4
MOX	55.25		P	23:33:50.206		42.6		7.16		TAS		6.6	0.74	m_e	mb	4.8
MOX	55.25		L	23:59:29.316						T__		301.9	20.00	a_e	Ms	4.4
NEUB	54.78		P	23:33:46.663	0.2	42.6		7.16		TAS		6.8	0.75	m_e	mb	4.8
PLN	55.13		P	23:33:50.029	-1.0	42.6		7.16		TAS		4.8	0.76	m_e	mb	4.6
RJOB	56.87		P	23:34:02.395		42.6		7.16		TAS		18.1	1.08	m_e	mb	5.0
ROTZ	55.64		P	23:33:53.140		42.6		7.16		TAS		2.6	0.83	m_e	mb	4.3
TANN	55.05		P	23:33:48.791	0.1	42.6		7.16		TAS		2.4	0.77	m_e	mb	4.3
TNS	56.93		P	23:34:02.841		42.6		7.16		TAS		6.8	1.13	m_e	mb	4.6
WERN	55.18		P	23:33:50.282		42.6		7.16		TAS		4.4	0.81	m_e	mb	4.5
WET	55.80		P	23:33:54.716		42.6		7.16		TAS		4.1	0.90	m_e	mb	4.5

Event 50926001 Chile-Argentina border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/26	02:51:22.39			-30.4100	-69.7000				33.0			38		104.22	110.43	m i ke	BGR
OrigID 50926007																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.1		BGR	50926007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	105.17		Pdiff	03:05:26.852	0.4	245.2		4.59		TAS				m_e	
ASSE	107.91		Pdiff	03:05:39.150	0.1	245.2		4.59		TAS				m_e	
ASSE	107.91		PP	03:10:08.734	-0.2	244.0		7.24		TAS				m_e	

BFO	104.80	SKSac	03:16:23.098	-0.5	241.3	6.24	TAS	m_e			
BFO	104.80	Pdiff	03:05:24.675	-0.4	245.2	4.59	TAS	m_e			
BRG	109.21	SP	03:19:39.799		243.6	9.40	TAS	m_e			
BRG	109.21	Pdiff	03:05:45.008		245.2	4.59	TAS	m_e			
BRG	109.21	PP	03:10:17.839		244.0	7.24	TAS	m_e			
BSEG	108.52	SP	03:19:30.221		243.6	9.40	TAS	m_e			
BSEG	108.52	Pdiff	03:05:41.284	0.2	245.2	4.59	TAS	m_e			
BUG	105.72	SKSac	03:16:28.479	-2.6	241.3	6.24	TAS	m_e			
BUG	105.72	SP	03:19:05.335	-0.9	243.6	9.40	TAS	m_e			
BUG	105.72	Pdiff	03:05:28.718	-0.1	245.2	4.59	TAS	m_e			
BUG	105.72	PP	03:09:52.342	0.6	244.0	7.24	TAS	m_e			
CLL	108.86	SP	03:19:36.588		243.6	9.40	TAS	m_e			
CLL	108.86	Pdiff	03:05:43.337	-0.1	245.2	4.59	TAS	m_e			
CLL	108.86	PP	03:10:15.190		244.0	7.24	TAS	m_e			
CLZ	107.61	SKSac	03:16:37.896		241.3	6.24	TAS	m_e			
CLZ	107.61	SP	03:19:24.393		243.6	9.40	TAS	m_e			
CLZ	107.61	Pdiff	03:05:37.739	0.1	245.2	4.59	TAS	m_e			
CLZ	107.61	PP	03:10:06.371	0.1	244.0	7.24	TAS	m_e			
FBE	108.89	Pdiff	03:05:43.853		245.2	4.59	TAS	m_e			
FBE	108.89	PP	03:10:15.694		244.0	7.24	TAS	m_e			
FLT1	108.31	Pdiff	03:05:40.434	-0.2	245.2	4.59	TAS	m_e			
FLT1	108.31	PP	03:10:10.906		244.0	7.24	TAS	m_e			
FUR	106.46	Pdiff	03:05:32.875	0.0	245.2	4.59	TAS	m_e			
GEC2	108.21	SKSac	03:16:44.622		241.3	6.24	TAS	m_e			
GEC2	108.21	SP	03:19:27.218		243.6	9.40	TAS	m_e			
GEC2	108.21	Pdiff	03:05:40.331	-0.3	245.2	4.59	TAS	m_e			
GRA1	107.12	SKSac	03:16:35.878		241.3	6.24	TAS	m_e			
GRA1	107.12	Pdiff	03:05:35.872	0.2	245.2	4.59	TAS	m_e			
GRA1	107.12	PP	03:10:02.936	0.0	244.0	7.24	TAS	m_e			
GRA1	107.12	PKKPbc	03:21:06.590		67.2	3.45	TAS	m_e			
GRA1	107.12	L	03:58:00.678				T__		3483.7	18.40	a_e Ms 5.9
GTTG	107.25	Pdiff	03:05:36.065	0.1	245.2	4.59	TAS	m_e			
GTTG	107.25	PP	03:10:04.388	0.2	244.0	7.24	TAS	m_e			
GUNZ	108.06	Pdiff	03:05:40.227	0.1	245.2	4.59	TAS	m_e			
GUNZ	108.06	PP	03:10:10.144		244.0	7.24	TAS	m_e			
IBBN	106.40	SKSac	03:16:34.869	1.1	241.3	6.24	TAS	m_e			
IBBN	106.40	Pdiff	03:05:31.725	-0.2	245.2	4.59	TAS	m_e			
IBBN	106.40	PP	03:09:57.888	-0.0	244.0	7.24	TAS	m_e			
KAST	106.23	Pdiff	03:05:30.896	-0.4	245.2	4.59	TAS	m_e			
KAST	106.23	PP	03:09:55.770	-0.8	244.0	7.24	TAS	m_e			
LNIZ	110.43	PP	03:10:27.128		244.0	7.24	TAS	m_e			
MANZ	107.77	Pdiff	03:05:38.879	-0.2	245.2	4.59	TAS	m_e			
MANZ	107.77	PP	03:10:07.588	-0.0	244.0	7.24	TAS	m_e			
MILB	106.08	Pdiff	03:05:30.377	-0.4	245.2	4.59	TAS	m_e			
MOX	107.78	SKSac	03:16:41.595		241.3	6.24	TAS	m_e			
MOX	107.78	SP	03:19:26.656		243.6	9.40	TAS	m_e			
MOX	107.78	Pdiff	03:05:38.672	0.2	245.2	4.59	TAS	m_e			
MOX	107.78	PP	03:10:07.636	-0.2	244.0	7.24	TAS	m_e			
MOX	107.78	L	03:54:58.517				T__		7176.7	19.10	a_e Ms 6.2

NEUB	108.11	Pdiff	03:05:40.097	0.4	245.2	4.59	TAS	m_e
NEUB	108.11	PP	03:10:10.116		244.0	7.24	TAS	m_e
NRDL	107.76	SKSac	03:16:41.259		241.3	6.24	TAS	m_e
NRDL	107.76	SP	03:19:25.105		243.6	9.40	TAS	m_e
NRDL	107.76	Pdiff	03:05:38.361	0.1	245.2	4.59	TAS	m_e
NRDL	107.76	PP	03:10:07.899	0.5	244.0	7.24	TAS	m_e
PLN	108.02	Pdiff	03:05:39.812	0.3	245.2	4.59	TAS	m_e
PLN	108.02	PP	03:10:09.459	-0.5	244.0	7.24	TAS	m_e
RGN	110.38	PP	03:10:25.913		244.0	7.24	TAS	m_e
RJOB	107.18	Pdiff	03:05:35.813	0.1	245.2	4.59	TAS	m_e
ROTZ	107.73	PP	03:10:06.644	-0.5	244.0	7.24	TAS	m_e
RUE	109.78	PP	03:10:22.202		244.0	7.24	TAS	m_e
SKMB	108.41	SKSac	03:16:47.313		241.3	6.24	TAS	m_e
SKMB	108.41	Pdiff	03:05:40.849	-0.1	245.2	4.59	TAS	m_e
STU	105.52	SKSac	03:16:26.461	1.6	241.3	6.24	TAS	m_e
STU	105.52	Pdiff	03:05:28.200	-0.1	245.2	4.59	TAS	m_e
TANN	108.16	Pdiff	03:05:40.745	-0.6	245.2	4.59	TAS	m_e
TANN	108.16	PP	03:10:10.926		244.0	7.24	TAS	m_e
TNS	105.78	Pdiff	03:05:29.548	0.2	245.2	4.59	TAS	m_e
UBBA	106.94	SP	03:19:18.772		243.6	9.40	TAS	m_e
UBBA	106.94	Pdiff	03:05:34.297	-0.3	245.2	4.59	TAS	m_e
UBBA	106.94	PP	03:10:01.663	0.2	244.0	7.24	TAS	m_e
UBR	105.54	Pdiff	03:05:28.822	0.2	245.2	4.59	TAS	m_e
WERD	108.09	Pdiff	03:05:40.108	-0.3	245.2	4.59	TAS	m_e
WERD	108.09	PP	03:10:10.006		244.0	7.24	TAS	m_e
WERN	108.06	Pdiff	03:05:40.434	0.1	245.2	4.59	TAS	m_e
WERN	108.06	PP	03:10:09.893	0.3	244.0	7.24	TAS	m_e
WET	107.85	SKSac	03:16:41.595		241.3	6.24	TAS	m_e
WET	107.85	SP	03:19:25.113		243.6	9.40	TAS	m_e
WET	107.85	Pdiff	03:05:38.933	0.6	245.2	4.59	TAS	m_e
WLF	104.22	Pdiff	03:05:22.394	0.3	245.2	4.59	TAS	m_e

Event 50926002 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/26	03:20:50.75			-19.9800	170.5700				33.0			34		142.88	148.29	m i ke	BGR
50926008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.82		PKPbc	03:40:29.084	-1.1	33.4		3.16		TAS					m_e
ASSE	144.29		PKPbc	03:40:20.874	0.2	33.4		3.16		TAS					a_e
BFO	148.29		PKPbc	03:40:32.223		33.4		3.16		TAS					m_e
BFO	148.29		PKPab	03:40:37.905		37.6		3.99		TAS					m_e
BRG	144.08		PKPbc	03:40:19.774	0.2	33.4		3.16		TAS					a_e

BSEG	142.88	PKPbc	03:40:15.774	-0.6	33.4	3.16	TAS	a_e
BUG	145.97	PKPbc	03:40:26.224	-0.2	33.4	3.16	TAS	a_e
CLL	144.11	PKPbc	03:40:19.724	-0.0	33.4	3.16	TAS	m_e
CLZ	144.63	PKPbc	03:40:22.224	0.4	33.4	3.16	TAS	a_e
FBE	144.28	PKPbc	03:40:20.824	0.2	33.4	3.16	TAS	a_e
FLT1	143.92	PKPbc	03:40:19.074	-0.1	33.4	3.16	TAS	a_e
FUR	147.28	PKPbc	03:40:29.779		33.4	3.16	TAS	m_e
GEC2	145.73	PKPbc	03:40:25.374	0.4	33.4	3.16	TAS	a_e
GRA1	146.08	PKPbc	03:40:26.723	-0.3	33.4	3.16	TAS	m_e
GRA1	146.08	PKPab	03:40:28.931		37.6	3.99	TAS	m_e
GTTG	145.01	PKPbc	03:40:23.474	0.4	33.4	3.16	TAS	a_e
GUNZ	145.12	PKPbc	03:40:23.774	0.4	33.4	3.16	TAS	a_e
IBBN	145.07	PKPbc	03:40:24.019	0.3	33.4	3.16	TAS	m_e
KAST	145.82	PKPbc	03:40:25.924	0.3	33.4	3.16	TAS	a_e
MANZ	145.50	PKPbc	03:40:24.850	0.1	33.4	3.16	TAS	m_e
MILB	146.69	PKPbc	03:40:28.561	0.1	33.4	3.16	TAS	m_e
MILB	146.69	PKPab	03:40:31.404		37.6	3.99	TAS	m_e
MOX	145.17	PKPbc	03:40:23.774	0.2	33.4	3.16	TAS	a_e
NEUB	144.66	PKPbc	03:40:21.974	0.2	33.4	3.16	TAS	a_e
NRDL	144.17	PKPbc	03:40:20.424	0.3	33.4	3.16	TAS	a_e
PLN	145.09	PKPbc	03:40:23.474	0.2	33.4	3.16	TAS	a_e
RJOB	146.96	PKPbc	03:40:29.028	-0.9	33.4	3.16	TAS	m_e
ROTZ	145.64	PKPbc	03:40:25.412	0.4	33.4	3.16	TAS	m_e
STU	147.60	PKPbc	03:40:31.065		33.4	3.16	TAS	m_e
STU	147.60	PKPab	03:40:34.657		37.6	3.99	TAS	m_e
TANN	145.03	PKPbc	03:40:23.324	0.5	33.4	3.16	TAS	a_e
TNS	146.65	PKPbc	03:40:28.577	0.1	33.4	3.16	TAS	m_e
UBBA	145.61	PKPbc	03:40:25.184	-0.1	33.4	3.16	TAS	m_e
UBR	148.14	PKPbc	03:40:31.525		33.4	3.16	TAS	m_e
UBR	148.14	PKPab	03:40:37.034		37.6	3.99	TAS	m_e
WERD	145.06	PKPbc	03:40:23.424	0.2	33.4	3.16	TAS	a_e
WERN	145.16	PKPbc	03:40:24.024	0.0	33.4	3.16	TAS	a_e
WET	145.85	PKPbc	03:40:25.797	0.2	33.4	3.16	TAS	m_e
WLF	147.87	PKPbc	03:40:32.224		33.4	3.16	TAS	a_e
WLF	147.87	PKPab	03:40:36.604		37.6	3.99	TAS	m_e

Event 50926003 Western Kalaallit Nunaat

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/26	04:51:53.68			61.0500	-45.1060				10.0					32.91	32.91	m i ke	BGR
50926009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50926009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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GRA1 32.91 P 04:58:26.963 307.2 8.71 TAS 5.2 1.00 m_e mb 4.4

Event 50926004 Azores Islands, Portugal

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/09/26 06:15:02.14 39.6900 -29.7600 10.0 17 27.18 31.90 m i ke BGR
50926010

Magnitude Err Nsta Author OrigID
mb 4.4 BGR 50926010
Ms 4.0 BGR 50926010

Table with 16 columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include station data for BSEG, CLL, CLZ, FBE, GRA1, GTTG, GUNZ, MANZ, MILB, MOX, NRDL, PLN, ROTZ, TNS, WERD, WERN, WET, WLF.

Event 50926005 Carlsberg Ridge

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/09/26 08:28:13.44 -5.2460 67.8620 10.0 73.35 73.35 m i ke BGR
50926011

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 50926011

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude

GRA1 73.35 P 08:39:46.343 118.8 7.36 TAS 14.1 1.08 m_e mb 5.0

Event 50926006 Fiji Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2015/09/26 09:09:05.08 -20.6200 -178.1300 585.0 23 146.12 152.19 m i ke BGR
50926012

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include station data for BFO, BRG, BSEG, CLL, CLZ, FBE, FLT1, FUR, GEC2, GRA1, GTTG, GUNZ, MANZ, MILB, PLN, RJOB, ROTZ, STU, TANN, TNS, UBR, WERD, WLF.

Event 50926007 Hokkaido, Japan, region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2015/09/26 09:49:40.67 41.7440 141.9100 33.0 79.19 79.19 m i ke BGR
50926013

Magnitude Err Nsta Author OrigID

mb 4.5 BGR 50926013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.19		P	10:01:40.992		33.8		4.56		TAS		7.0	1.30	m_e	mb 4.5

Event 50926008 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/26	14:24:24.62			-21.1300	-176.6400				164.9	1.4		20		146.82	152.38	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	149.17		PKPbc	14:43:53.201	0.4	11.3		2.31		TAS				m_e	
BRG	149.17		PKPab	14:43:58.094		13.4		4.67		TAS				m_e	
BSEG	146.82		PKPbc	14:43:46.748	-0.1	11.3		2.31		TAS				m_e	
BUG	149.59		PKPbc	14:43:53.902	-0.0	11.3		2.31		TAS				m_e	
BUG	149.59		PKPab	14:43:59.543		13.4		4.67		TAS				m_e	
CLL	148.95		PKPbc	14:43:52.570	0.2	11.3		2.31		TAS				m_e	
CLL	148.95		PKPab	14:43:55.981		13.4		4.67		TAS				m_e	
CLZ	148.86		PKPbc	14:43:52.570	0.2	11.3		2.31		TAS				m_e	
CLZ	148.86		pPKPbc	14:44:35.351						T__				m_e	
FBE	149.25		PKPbc	14:43:53.762	0.5	11.3		2.31		TAS				m_e	
FLT1	148.26		PKPbc	14:43:50.304	0.3	11.3		2.31		TAS				m_e	
FUR	152.29		PKPbc	14:43:58.882		11.3		2.31		TAS				m_e	
GEC2	151.13		PKPbc	14:43:57.970		11.3		2.31		TAS				m_e	
GUNZ	149.98		PKPbc	14:43:55.375		11.3		2.31		TAS				m_e	
KAST	149.73		PKPbc	14:43:54.464	-1.5	11.3		2.31		TAS				m_e	
KAST	149.73		pPKPbc	14:44:37.918						T__				m_e	
MANZ	150.38		PKPbc	14:43:56.217		11.3		2.31		TAS				m_e	
MILB	150.98		PKPbc	14:43:57.620		11.3		2.31		TAS				m_e	
MOX	149.84		PKPbc	14:43:54.604		11.3		2.31		TAS				m_e	
PLN	149.89		PKPbc	14:43:54.954		11.3		2.31		TAS				m_e	
RJOB	152.38		PKPab	14:44:12.650		13.4		4.67		TAS				m_e	
TANN	149.91		PKPbc	14:43:55.025		11.3		2.31		TAS				m_e	
WERD	149.90		PKPbc	14:43:55.025		11.3		2.31		TAS				m_e	
WERN	150.04		PKPbc	14:43:55.586		11.3		2.31		TAS				m_e	
WERN	150.04		PKPab	14:44:02.390		13.4		4.67		TAS				m_e	
WLF	151.44		PKPab	14:44:08.495		13.4		4.67		TAS				m_e	

Event 50926010 Mindanao, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2015/09/26 17:23:25.20 5.3600 123.8400 497.0 16 97.21 101.68 m i ke EMSC
 50926042

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	98.22		Pdiff	17:36:07.824	0.2	68.3		4.32		TAS					m_e
CLL	98.63		Pdiff	17:36:09.415	-0.1	68.3		4.32		TAS					m_e
CLZ	99.98		Pdiff	17:36:15.762		68.3		4.32		TAS					m_e
FBE	98.55		Pdiff	17:36:09.609	-0.3	68.3		4.32		TAS					m_e
FBE	98.55		PP	17:40:22.825	-0.3	69.9		7.26		TAS					m_e
FLT1	99.30		Pdiff	17:36:11.947	-0.0	68.3		4.32		TAS					m_e
FUR	100.77		PP	17:40:38.984		69.9		7.26		TAS					m_e
GEC2	99.02		Pdiff	17:36:11.452	0.2	68.3		4.32		TAS					m_e
GEC2	99.02		PP	17:40:25.426	-0.4	69.9		7.26		TAS					m_e
GRA1	100.26		PP	17:40:36.708		69.9		7.26		TAS					m_e
GUNZ	99.35		Pdiff	17:36:13.068	-0.2	68.3		4.32		TAS					m_e
GUNZ	99.35		PP	17:40:27.863		69.9		7.26		TAS					m_e
LNIZ	97.21		Pdiff	17:36:03.544	0.0	68.3		4.32		TAS					m_e
MANZ	99.62		Pdiff	17:36:14.549		68.3		4.32		TAS					m_e
MANZ	99.62		PP	17:40:29.717		69.9		7.26		TAS					m_e
NRDL	99.88		Pdiff	17:36:14.824		68.3		4.32		TAS					m_e
RJOB	99.96		Pdiff	17:36:15.089		68.3		4.32		TAS					m_e
RJOB	99.96		PP	17:40:32.131		69.9		7.26		TAS					m_e
ROTZ	99.64		Pdiff	17:36:14.521		68.3		4.32		TAS					m_e
ROTZ	99.64		PP	17:40:30.573		69.9		7.26		TAS					m_e
RUE	97.79		Pdiff	17:36:06.169	-0.1	68.3		4.32		TAS					m_e
TANN	99.26		Pdiff	17:36:12.695	0.2	68.3		4.32		TAS					m_e
UBR	101.68		Pdiff	17:36:23.053		68.3		4.32		TAS					m_e
UBR	101.68		PP	17:40:44.656		69.9		7.26		TAS					m_e
WERD	99.34		PP	17:40:28.044	-0.2	69.9		7.26		TAS					m_e
WERN	99.35		PP	17:40:28.055		69.9		7.26		TAS					m_e
WET	99.44		Pdiff	17:36:13.263		68.3		4.32		TAS					m_e
WET	99.44		PP	17:40:28.875		69.9		7.26		TAS					m_e

Event 50926009 New Britain, Papua New Guinea, region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/09/26 18:17:28.60 -6.3200 151.6600 30.0 36 121.68 127.99 m i ke EMSC
 50926041

Magnitude Err Nsta Author OrigID
 Ms 4.8 BGR 50926015

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude

AHRW	126.95	PKPdf	18:36:29.481	-0.0	51.1	1.92	TAS	a_e											
ASSE	124.21	PKPdf	18:36:24.131	-0.1	51.1	1.92	TAS	a_e											
BFO	127.84	PKPdf	18:36:30.781	-0.2	51.1	1.92	TAS	m_e											
BRG	123.40	PKPdf	18:36:22.481	0.0	51.1	1.92	TAS	a_e											
BSEG	123.17	PKPdf	18:36:22.131	-0.3	51.1	1.92	TAS	a_e											
BUG	126.23	PKPdf	18:36:27.981	-0.2	51.1	1.92	TAS	a_e											
CLL	123.61	PKPdf	18:36:22.631	-0.3	51.1	1.92	TAS	a_e											
CLZ	124.54	PKPdf	18:36:24.981	0.2	51.1	1.92	TAS	a_e											
FBE	123.67	PKPdf	18:36:23.231	0.2	51.1	1.92	TAS	a_e											
FLT1	123.81	PKPdf	18:36:23.181	-0.2	51.1	1.92	TAS	a_e											
FUR	126.43	PKPdf	18:36:28.331	0.1	51.1	1.92	TAS	a_e											
GEC2	124.73	PKPdf	18:36:24.981	0.0	51.1	1.92	TAS	a_e											
GRA1	125.51	PKPdf	18:36:26.631	0.1	51.1	1.92	TAS	a_e											
GRA1	125.51	L	19:31:32.601				T__		221.2	19.60	a_e	Ms						4.8	
GTTG	124.92	PKPdf	18:36:25.631	0.1	51.1	1.92	TAS	a_e											
GUNZ	124.53	PKPdf	18:36:24.781	0.1	51.1	1.92	TAS	m_e											
IBBN	125.41	PKPdf	18:36:26.481	-0.2	51.1	1.92	TAS	a_e											
KAST	125.88	PKPdf	18:36:27.381	-0.0	51.1	1.92	TAS	a_e											
LNIZ	121.68	PKPdf	18:36:19.581	0.3	51.1	1.92	TAS	a_e											
MANZ	124.88	PKPdf	18:36:25.431	0.1	51.1	1.92	TAS	a_e											
MILB	126.38	PKPdf	18:36:28.231	-0.0	51.1	1.92	TAS	a_e											
MOX	124.71	PKPdf	18:36:25.031	0.0	51.1	1.92	TAS	a_e											
MOX	124.71	L	19:33:09.487				T__		161.9	19.30	a_e	Ms						4.7	
NEUB	124.29	PKPdf	18:36:24.031	-0.2	51.1	1.92	TAS	a_e											
NRDL	124.23	PKPdf	18:36:24.431	0.1	51.1	1.92	TAS	a_e											
PLN	124.54	PKPdf	18:36:24.681	0.0	51.1	1.92	TAS	a_e											
RJOB	125.88	PKPdf	18:36:26.731	-0.4	51.1	1.92	TAS	a_e											
ROTZ	124.96	PKPdf	18:36:25.481	0.0	51.1	1.92	TAS	a_e											
RUE	122.51	PKPdf	18:36:20.731	-0.1	51.1	1.92	TAS	a_e											
STU	127.12	PKPdf	18:36:29.581	-0.1	51.1	1.92	TAS	a_e											
TANN	124.43	PKPdf	18:36:24.481	0.0	51.1	1.92	TAS	a_e											
TNS	126.52	PKPdf	18:36:28.631	0.0	51.1	1.92	TAS	a_e											
UBBA	125.39	PKPdf	18:36:26.431	0.0	51.1	1.92	TAS	a_e											
UBR	127.35	PKPdf	18:36:29.831	-0.2	51.1	1.92	TAS	a_e											
WERD	124.49	PKPdf	18:36:24.581	0.0	51.1	1.92	TAS	a_e											
WERN	124.55	PKPdf	18:36:24.931	0.2	51.1	1.92	TAS	a_e											
WET	124.99	PKPdf	18:36:25.681	0.2	51.1	1.92	TAS	a_e											
WLF	127.99	PKPdf	18:36:32.081	0.6	51.1	1.92	TAS	m_e											

Event 50927001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/27	01:46:28.71			-19.5200	-177.6300				600.0			27		146.53	151.21	m i ke	BGR
50927007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.86		PKPbc	02:05:13.822		15.6		2.47		TAS				m_e	
BFO	150.86		PKPab	02:05:23.667						T__				m_e	
BRG	147.40		PKPbc	02:05:05.503	0.3	15.6		2.47		TAS				m_e	
BRG	147.40		PKPab	02:05:09.224						T__				m_e	
CLL	147.19		PKPbc	02:05:04.765	0.1	15.6		2.47		TAS				m_e	
CLL	147.19		PKPab	02:05:08.675						T__				m_e	
CLZ	147.14		PKPbc	02:05:04.883	0.1	15.6		2.47		TAS				m_e	
FBE	147.48		PKPbc	02:05:06.013	0.0	15.6		2.47		TAS				m_e	
FLT1	146.53		PKPbc	02:05:02.739	0.1	15.6		2.47		TAS				m_e	
FUR	150.53		PKPbc	02:05:13.210		15.6		2.47		TAS				m_e	
FUR	150.53		PKPab	02:05:22.848						T__				m_e	
GEC2	149.35		PKPbc	02:05:10.311		15.6		2.47		TAS				m_e	
GEC2	149.35		PKPab	02:05:17.724						T__				m_e	
GRA1	149.07		PKPbc	02:05:09.903		15.6		2.47		TAS				m_e	
GRA1	149.07		PKPab	02:05:16.794						T__				m_e	
GUNZ	148.22		PKPbc	02:05:07.627	-0.5	15.6		2.47		TAS				m_e	
GUNZ	148.22		PKPab	02:05:13.042						T__				m_e	
IBBN	147.01		PKPab	02:05:07.939	0.3					T__				m_e	
KAST	148.03		PKPbc	02:05:06.621	0.0	15.6		2.47		TAS				m_e	
MANZ	148.62		PKPbc	02:05:08.817		15.6		2.47		TAS				m_e	
MILB	149.26		PKPbc	02:05:10.141		15.6		2.47		TAS				m_e	
MOX	148.09		PKPbc	02:05:07.295	-0.2	15.6		2.47		TAS				m_e	
NEUB	147.53		PKPbc	02:05:06.039	0.1	15.6		2.47		TAS				m_e	
PLN	148.14		PKPbc	02:05:07.651	0.0	15.6		2.47		TAS				m_e	
RJOB	150.60		PKPab	02:05:23.518						T__				m_e	
ROTZ	148.81		PKPbc	02:05:09.077		15.6		2.47		TAS				m_e	
STU	150.30		PKPbc	02:05:12.710		15.6		2.47		TAS				m_e	
TANN	148.15		PKPbc	02:05:07.516	-0.3	15.6		2.47		TAS				m_e	
TNS	148.99		PKPbc	02:05:09.609		15.6		2.47		TAS				m_e	
UBR	151.21		PKPbc	02:05:14.411		15.6		2.47		TAS				m_e	
WERD	148.15		PKPbc	02:05:07.120	-0.1	15.6		2.47		TAS				m_e	
WERN	148.28		PKPbc	02:05:08.170		15.6		2.47		TAS				m_e	
WERN	148.28		PKPab	02:05:13.372						T__				m_e	
WET	149.26		PKPab	02:05:17.125						T__				m_e	
WLF	149.77		PKPbc	02:05:12.152		15.6		2.47		TAS				m_e	

Event 50927006 Banda Sea
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 2015/09/27 02:56:13.90 -7.2630 129.6550 110.0 19 111.71 115.96 m i ke NEIC
 50927045

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	115.95		PKiKP	03:14:42.584		74.5		1.83		TAS				m_e	
BFO	115.96		PKiKP	03:14:42.480		74.5		1.83		TAS				m_e	
BRG	111.71		PKiKP	03:14:35.171	-0.2	74.5		1.83		TAS				m_e	
BSEG	112.87		PKiKP	03:14:37.556	0.2	74.5		1.83		TAS				m_e	
CLL	112.16		PKiKP	03:14:35.689	-0.5	74.5		1.83		TAS				m_e	
CLZ	113.55		PKiKP	03:14:38.696		74.5		1.83		TAS				m_e	
FLT1	112.89		PKiKP	03:14:36.933	-0.0	74.5		1.83		TAS				m_e	
FUR	114.14		PKiKP	03:14:39.577		74.5		1.83		TAS				m_e	
GEC2	112.40		PKiKP	03:14:36.156	0.5	74.5		1.83		TAS				m_e	
GRA1	113.72		PKiKP	03:14:38.903		74.5		1.83		TAS				m_e	
GTTG	113.89		PKiKP	03:14:39.363		74.5		1.83		TAS				m_e	
IBBN	114.90		PKiKP	03:14:41.184		74.5		1.83		TAS				m_e	
MANZ	113.08		PKiKP	03:14:37.607	-0.3	74.5		1.83		TAS				m_e	
MILB	114.86		PKiKP	03:14:40.822		74.5		1.83		TAS				m_e	
NEUB	112.93		PKiKP	03:14:37.867	0.1	74.5		1.83		TAS				m_e	
RJOB	113.28		PKiKP	03:14:37.452		74.5		1.83		TAS				m_e	
STU	115.27		PKiKP	03:14:41.858		74.5		1.83		TAS				m_e	
UBR	115.04		PKiKP	03:14:41.133		74.5		1.83		TAS				m_e	
WET	112.84		PKiKP	03:14:36.882	0.2	74.5		1.83		TAS				m_e	

Event 50927002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/27	10:21:57.86			-23.4600	-179.6000				453.9			18		148.66	151.98	m i ke	BGR
50927008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.31		PKPbc	10:40:56.541	-0.0	20.2		2.49		TAS				m_e	
BRG	150.68		PKPbc	10:40:57.517	-0.0	20.2		2.49		TAS				m_e	
BSEG	148.66		PKPbc	10:40:52.492	0.0	20.2		2.49		TAS				m_e	
BUG	151.57		PKPbc	10:40:59.895		20.2		2.49		TAS				m_e	
CLL	150.54		PKPbc	10:40:56.868	0.0	20.2		2.49		TAS				m_e	
CLL	150.54		pPKPbc	10:42:45.294						T__				m_e	
CLZ	150.64		PKPbc	10:40:57.216	-0.2	20.2		2.49		TAS				m_e	
FBE	150.80		PKPbc	10:40:57.826	-0.0	20.2		2.49		TAS				m_e	
FLT1	150.00		PKPbc	10:40:55.717	0.0	20.2		2.49		TAS				m_e	
GTTG	151.00		PKPbc	10:40:57.942	0.1	20.2		2.49		TAS				m_e	
IBBN	150.65		PKPbc	10:40:57.491	-0.3	20.2		2.49		TAS				m_e	
KAST	151.62		PKPbc	10:40:59.692		20.2		2.49		TAS				m_e	
MANZ	151.98		PKPbc	10:41:01.284		20.2		2.49		TAS				m_e	
MOX	151.49		PKPbc	10:40:59.190	-0.1	20.2		2.49		TAS				m_e	
NRDL	150.07		PKPbc	10:40:55.931	-0.1	20.2		2.49		TAS				m_e	
PLN	151.51		PKPbc	10:40:59.330		20.2		2.49		TAS				m_e	

RUE	149.28	PKPbc	10:40:54.081	-0.2	20.2	2.49	TAS	m_e
TANN	151.50	PKPbc	10:40:59.477	0.6	20.2	2.49	TAS	m_e
WERD	151.50	PKPbc	10:40:59.487		20.2	2.49	TAS	m_e

Event 50927003 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/27	21:19:33.99			19.4360	-45.9790				10.0			37		51.11	56.71	m i ke	BGR
50927009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50927009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	51.93		P	21:28:42.748	-0.2	257.6		7.29		TAS		8.1	1.03	m_e mb	4.6
ARSA	56.71		P	21:29:17.085		257.6		7.29		TAS		20.8	1.44	m_e mb	5.0
ASSE	54.53		P	21:29:02.095	0.1	257.6		7.29		TAS		14.2	1.32	m_e mb	4.8
BFO	52.14		P	21:28:44.209	-0.3	257.6		7.29		TAS		25.4	1.49	m_e mb	4.9
BRG	56.25		P	21:29:14.326		257.6		7.29		TAS		11.8	1.47	m_e mb	4.7
BSEG	54.80		P	21:29:03.454	-0.1	257.6		7.29		TAS		43.4	1.44	m_e mb	5.3
BUG	52.31		P	21:28:45.167	-0.4	257.6		7.29		TAS		7.5	1.07	m_e mb	4.5
CLL	55.75		P	21:29:10.486	-0.4	257.6		7.29		TAS		6.5	1.04	m_e mb	4.6
CLZ	54.28		P	21:29:00.036	0.4	257.6		7.29		TAS		12.8	1.42	m_e mb	4.8
DAVA	52.93		P	21:28:50.892	0.8	257.6		7.29		TAS		26.6	1.43	m_e mb	5.0
FBE	55.89		P	21:29:11.922		257.6		7.29		TAS		34.8	1.64	m_e mb	5.1
FLT1	54.92		P	21:29:04.423	0.1	257.6		7.29		TAS		20.6	1.46	m_e mb	5.0
GEC2	55.73		P	21:29:09.852	-0.2	257.6		7.29		TAS		16.8	1.43	m_e mb	4.9
GRA1	54.30		P	21:29:00.182	0.3	257.6		7.29		TAS		8.8	1.25	m_e mb	4.6
GUNZ	55.14		P	21:29:06.655	-0.2	257.6		7.29		TAS		27.0	1.71	m_e mb	5.0
IBBN	52.86		P	21:28:49.452	0.1	257.6		7.29		TAS		17.4	1.36	m_e mb	4.8
KAST	52.93		P	21:28:50.304	0.1	257.6		7.29		TAS		12.0	1.35	m_e mb	4.6
MANZ	54.92		P	21:29:04.970	0.2	257.6		7.29		TAS		31.8	2.07	m_e mb	5.0
MILB	53.12		P	21:28:51.130	-0.5	257.6		7.29		TAS		14.6	1.64	m_e mb	4.6
MOA	55.95		P	21:29:11.677		257.6		7.29		TAS		28.6	1.69	m_e mb	5.0
MOX	54.76		P	21:29:03.544	-0.1	257.6		7.29		TAS		6.9	1.16	m_e mb	4.6
NEUB	54.97		P	21:29:05.252	0.3	257.6		7.29		TAS		17.6	1.46	m_e mb	4.9
NRDL	54.29		P	21:29:00.207	-0.1	257.6		7.29		TAS		28.7	1.53	m_e mb	5.1
OBKA	55.95		P	21:29:12.440		257.6		7.29		TAS		37.1	1.64	m_e mb	5.2
PLN	55.06		P	21:29:06.005	0.4	257.6		7.29		TAS		21.5	1.75	m_e mb	4.9
RJOB	54.95		P	21:29:04.812	0.0	257.6		7.29		TAS		63.3	1.41	m_e mb	5.5
ROTZ	54.94		P	21:29:04.884	0.2	257.6		7.29		TAS		6.2	1.43	m_e mb	4.4
STU	52.80		P	21:28:49.001	-0.4	257.6		7.29		TAS		26.4	0.93	m_e mb	5.2
TANN	55.23		P	21:29:07.483	-0.4	257.6		7.29		TAS		28.8	1.86	m_e mb	5.0
TNS	52.69		P	21:28:48.751	0.2	257.6		7.29		TAS		15.1	1.32	m_e mb	4.8
UBBA	53.80		P	21:28:56.520	0.5	257.6		7.29		TAS		13.6	1.46	m_e mb	4.8
UBR	53.16		P	21:28:52.317	0.5	257.6		7.29		TAS		21.9	1.40	m_e mb	4.9

WERD	55.14	P	21:29:06.496	-0.9	257.6	7.29	TAS	10.0	1.35	m_e	mb	4.7
WERN	55.16	P	21:29:06.826	-0.4	257.6	7.29	TAS	34.7	1.49	m_e	mb	5.2
WET	55.25	P	21:29:07.084	0.6	257.6	7.29	TAS	16.0	1.61	m_e	mb	4.8
WLF	51.11	P	21:28:36.540	-0.5	257.6	7.29	TAS	37.4	1.62	m_e	mb	5.1
WTTA	54.09	P	21:28:59.006	-0.1	257.6	7.29	TAS	29.1	1.30	m_e	mb	5.1

Event 50927004 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/27	21:22:33.64			17.2290	-47.1190				10.0			28		54.48	59.02	m i ke	BGR
	50927010																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50927010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ARSA	59.02		P	21:32:33.435		256.8		7.12		TAS		14.0	1.46	m_e	mb	4.8
ASSE	56.92		P	21:32:18.000	-0.1	256.8		7.12		TAS		50.7	2.16	m_e	mb	5.2
BFO	54.48		P	21:32:00.460	0.2	256.8		7.12		TAS		31.9	2.32	m_e	mb	4.9
BRG	58.62		P	21:32:30.692		256.8		7.12		TAS		9.1	1.52	m_e	mb	4.6
BSEG	57.21		P	21:32:19.833	0.9	256.8		7.12		TAS		31.8	1.52	m_e	mb	5.1
CLL	58.13		P	21:32:27.994		256.8		7.12		TAS		13.0	1.60	m_e	mb	4.7
CLZ	56.67		P	21:32:16.099	-0.0	256.8		7.12		TAS		15.3	1.59	m_e	mb	4.8
DAVA	55.25		P	21:32:07.020	-0.5	256.8		7.12		TAS		13.9	1.18	m_e	mb	4.9
FBE	58.26		P	21:32:27.376		256.8		7.12		TAS		11.1	1.37	m_e	mb	4.7
FLT1	57.31		P	21:32:21.248	0.7	256.8		7.12		TAS		15.5	1.66	m_e	mb	4.8
GEC2	58.08		P	21:32:25.569		256.8		7.12		TAS		14.3	1.46	m_e	mb	4.8
GRA1	56.66		P	21:32:16.895	-0.2	256.8		7.12		TAS		23.2	1.57	m_e	mb	5.0
IBBN	55.25		P	21:32:06.494	0.1	256.8		7.12		TAS		15.4	1.27	m_e	mb	4.9
KBA	57.53		P	21:32:22.510		256.8		7.12		TAS		11.2	1.14	m_e	mb	4.8
MILB	55.48		P	21:32:08.549	0.1	256.8		7.12		TAS		9.6	1.12	m_e	mb	4.7
MOA	58.27		P	21:32:27.978		256.8		7.12		TAS		13.2	1.40	m_e	mb	4.8
MOX	57.13		P	21:32:19.853	-1.2	256.8		7.12		TAS		10.5	1.55	m_e	mb	4.6
NRDL	56.68		P	21:32:16.650	-0.0	256.8		7.12		TAS		19.2	1.32	m_e	mb	5.0
OBKA	58.26		P	21:32:28.184		256.8		7.12		TAS		41.9	1.92	m_e	mb	5.1
PLN	57.43		P	21:32:22.122		256.8		7.12		TAS		5.9	1.27	m_e	mb	4.5
RJOB	57.28		P	21:32:20.846	0.0	256.8		7.12		TAS		49.1	1.27	m_e	mb	5.4
ROTZ	57.30		P	21:32:20.860	0.8	256.8		7.12		TAS		13.9	1.80	m_e	mb	4.7
RUE	58.86		P	21:32:32.977		256.8		7.12		TAS		15.0	0.71	m_e	mb	5.1
TANN	57.60		P	21:32:23.264		256.8		7.12		TAS		16.1	1.86	m_e	mb	4.7
TNS	55.06		P	21:32:06.068	0.3	256.8		7.12		TAS		20.4	1.65	m_e	mb	4.9
UBR	55.49		P	21:32:08.030	-0.3	256.8		7.12		TAS		42.1	1.68	m_e	mb	5.2
WERN	57.52		P	21:32:22.590		256.8		7.12		TAS		19.1	1.38	m_e	mb	4.9
WET	57.60		P	21:32:23.220		256.8		7.12		TAS		10.7	1.43	m_e	mb	4.7
WTTA	56.42		P	21:32:14.765	-0.4	256.8		7.12		TAS		16.1	1.07	m_e	mb	5.0

Event 50927005 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/27	22:00:19.58			19.1500	-45.7100				10.0			24		52.17	56.53	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50927011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	54.59		P	22:09:48.371	0.3	256.4		7.26		TAS		10.9	1.27	m_e mb	4.7
BFO	52.17		P	22:09:30.502	-0.0	256.4		7.26		TAS		10.3	1.14	m_e mb	4.7
BRG	56.30		P	22:10:00.362		256.4		7.26		TAS		9.5	1.24	m_e mb	4.7
BSEG	54.88		P	22:09:50.009	0.4	256.4		7.26		TAS		30.9	1.25	m_e mb	5.2
CLL	55.81		P	22:09:56.718		256.4		7.26		TAS		9.8	1.06	m_e mb	4.8
CLZ	54.34		P	22:09:46.138	-0.2	256.4		7.26		TAS		7.4	1.13	m_e mb	4.6
FBE	55.94		P	22:09:58.492		256.4		7.26		TAS		19.8	1.31	m_e mb	5.0
FLT1	54.98		P	22:09:50.562		256.4		7.26		TAS		12.8	1.17	m_e mb	4.8
GEC2	55.77		P	22:09:56.627		256.4		7.26		TAS		19.4	1.40	m_e mb	4.9
GRA1	54.34		P	22:09:46.490	0.2	256.4		7.26		TAS		15.0	1.11	m_e mb	4.9
GUNZ	55.19		P	22:09:52.756		256.4		7.26		TAS		27.5	1.88	m_e mb	5.0
IBBN	52.92		P	22:09:35.910	0.5	256.4		7.26		TAS		12.1	0.90	m_e mb	4.8
MANZ	54.97		P	22:09:50.722	0.1	256.4		7.26		TAS		3.1	0.91	m_e mb	4.3
MOX	54.80		P	22:09:49.664	-0.3	256.4		7.26		TAS		8.0	1.33	m_e mb	4.6
NRDL	54.35		P	22:09:46.906	-0.2	256.4		7.26		TAS		14.6	1.23	m_e mb	4.9
RJOB	54.97		P	22:09:50.983	-0.3	256.4		7.26		TAS		44.1	1.03	m_e mb	5.4
ROTZ	54.98		P	22:09:50.605		256.4		7.26		TAS		7.0	1.35	m_e mb	4.5
RUE	56.53		P	22:10:02.361		256.4		7.26		TAS		18.7	1.05	m_e mb	5.0
TANN	55.28		P	22:09:53.527		256.4		7.26		TAS		64.1	2.33	m_e mb	5.2
TNS	52.74		P	22:09:34.617	0.1	256.4		7.26		TAS		12.2	1.14	m_e mb	4.7
UBBA	53.85		P	22:09:42.972		256.4		7.26		TAS		9.4	1.44	m_e mb	4.6
UBR	53.18		P	22:09:37.757	-0.1	256.4		7.26		TAS		16.8	1.02	m_e mb	4.9
WERN	55.20		P	22:09:52.461		256.4		7.26		TAS		18.0	1.13	m_e mb	5.0
WET	55.29		P	22:09:52.970		256.4		7.26		TAS		23.5	1.76	m_e mb	4.9

Event 50928001 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/28	00:32:39.63			20.8400	-45.1200				10.0			35		49.53	55.34	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50928007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	50.35		P	00:41:35.721	0.1	257.4		7.43		TAS		28.0	1.47	a_e mb	5.0
ASSE	52.94		P	00:41:55.569	-0.6	257.4		7.43		TAS		22.1	1.48	m_e mb	4.9
BFO	50.57		P	00:41:37.971		257.4		7.43		TAS		24.4	1.35	a_e mb	5.0
BRG	54.67		P	00:42:08.331	0.0	257.4		7.43		TAS		11.3	1.43	m_e mb	4.7
BSEG	53.20		P	00:41:57.671	-0.4	257.4		7.43		TAS		34.7	1.25	a_e mb	5.1
BUG	50.72		P	00:41:38.451	0.0	257.4		7.43		TAS		8.3	1.10	m_e mb	4.6
CLL	54.17		P	00:42:04.620	-0.2	257.4		7.43		TAS		11.3	1.21	m_e mb	4.8
CLZ	52.69		P	00:41:53.871	-0.2	257.4		7.43		TAS		16.7	1.36	a_e mb	4.8
FBE	54.31		P	00:42:05.871	-0.6	257.4		7.43		TAS		26.7	1.42	a_e mb	5.1
FLT1	53.33		P	00:41:58.271	0.0	257.4		7.43		TAS		20.7	1.27	a_e mb	4.9
FUR	52.46		P	00:41:52.457		257.4		7.43		TAS		25.6	1.30	m_e mb	5.0
GEC2	54.17		P	00:42:04.371	-0.1	257.4		7.43		TAS		20.4	1.29	a_e mb	5.0
GRA1	52.73		P	00:41:53.987	0.1	257.4		7.43		TAS		21.7	1.18	m_e mb	5.0
GTTG	52.37		P	00:41:51.409	0.2	257.4		7.43		TAS		13.7	1.18	m_e mb	4.8
GUNZ	53.56		P	00:42:00.421	-0.4	257.4		7.43		TAS		24.6	1.66	a_e mb	5.0
IBBN	51.26		P	00:41:43.371	0.2	257.4		7.43		TAS		32.5	1.40	a_e mb	5.1
KAST	51.34		P	00:41:43.910	0.2	257.4		7.43		TAS		20.4	1.72	m_e mb	4.8
LNIZ	55.34		P	00:42:12.871	0.4	257.4		7.43		TAS		23.3	0.74	a_e mb	5.3
MANZ	53.35		P	00:41:58.971	-0.1	257.4		7.43		TAS		35.5	2.16	a_e mb	4.9
MILB	51.54		P	00:41:44.871	-0.1	257.4		7.43		TAS		10.0	1.11	a_e mb	4.7
MOX	53.17		P	00:41:57.129	0.0	257.4		7.43		TAS		14.8	1.45	m_e mb	4.7
NRDL	52.70		P	00:41:54.321	-0.1	257.4		7.43		TAS		34.7	1.43	a_e mb	5.1
PLN	53.48		P	00:41:59.721	0.2	257.4		7.43		TAS		20.0	1.81	a_e mb	4.7
RJOB	53.39		P	00:41:58.521		257.4		7.43		TAS		67.1	1.25	a_e mb	5.4
ROTZ	53.37		P	00:41:58.621	-0.2	257.4		7.43		TAS		10.2	1.56	a_e mb	4.5
RUE	54.88		P	00:42:09.571	0.0	257.4		7.43		TAS		128.0	2.37	a_e mb	5.5
STU	51.23		P	00:41:42.471	0.8	257.4		7.43		TAS		57.2	1.42	a_e mb	5.3
TANN	53.66		P	00:42:01.021	0.3	257.4		7.43		TAS		20.8	1.83	m_e mb	4.9
TNS	51.11		P	00:41:42.271	-0.4	257.4		7.43		TAS		22.7	1.42	a_e mb	4.9
UBBA	52.21		P	00:41:50.471	-0.2	257.4		7.43		TAS		17.7	1.44	a_e mb	4.8
UBR	51.60		P	00:41:46.121		257.4		7.43		TAS		37.3	1.33	a_e mb	5.1
WERD	53.57		P	00:42:00.102	0.2	257.4		7.43		TAS		18.0	1.58	m_e mb	4.9
WERN	53.58		P	00:42:00.621	-0.2	257.4		7.43		TAS		30.2	1.32	a_e mb	5.2
WET	53.68		P	00:42:00.921	0.6	257.4		7.43		TAS		19.0	1.46	m_e mb	4.9
WLF	49.53		P	00:41:29.889	-0.4	257.4		7.43		TAS		37.8	1.64	m_e mb	5.1

Event 50928002 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/28	00:42:23.30		20.0490	-45.5060					10.0			24		50.36	55.50	m i ke	NEIC
	50928041																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50928008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	51.18		P	00:51:27.007	-0.5	257.7		7.03		TAS		18.9	1.39	m_e	mb 4.8
ASSE	53.78		P	00:51:46.159	-1.7	257.7		7.03		TAS		27.3	1.87	m_e	mb 5.0
BFO	51.39		P	00:51:28.401	0.8	257.7		7.03		TAS		11.9	1.06	m_e	mb 4.7
BRG	55.50		P	00:51:58.542		257.7		7.03		TAS		7.5	1.23	m_e	mb 4.6
BSEG	54.05		P	00:51:48.974		257.7		7.03		TAS		39.1	1.60	m_e	mb 5.2
CLL	55.00		P	00:51:53.346		257.7		7.03		TAS		7.9	1.06	m_e	mb 4.7
CLZ	53.53		P	00:51:44.802	-0.5	257.7		7.03		TAS		9.3	1.37	m_e	mb 4.6
FBE	55.14		P	00:51:56.402		257.7		7.03		TAS		8.0	0.37	m_e	mb 5.1
FLT1	54.16		P	00:51:48.416		257.7		7.03		TAS		14.9	1.40	m_e	mb 4.8
GEC2	54.99		P	00:51:52.127		257.7		7.03		TAS		20.3	1.51	m_e	mb 4.9
GRA1	53.55		P	00:51:43.890	-0.5	257.7		7.03		TAS		10.3	1.01	m_e	mb 4.8
IBBN	52.10		P	00:51:35.043	0.6	257.7		7.03		TAS		45.9	1.92	m_e	mb 5.1
KAST	52.18		P	00:51:34.488	1.0	257.7		7.03		TAS		44.0	2.09	m_e	mb 5.0
MILB	52.36		P	00:51:36.534	-0.2	257.7		7.03		TAS		8.7	1.18	m_e	mb 4.6
MOX	54.00		P	00:51:46.983	-1.6	257.7		7.03		TAS		5.8	1.13	m_e	mb 4.5
NRDL	53.54		P	00:51:45.477	0.3	257.7		7.03		TAS		16.5	1.38	m_e	mb 4.9
PLN	54.31		P	00:51:48.498		257.7		7.03		TAS		20.0	1.79	m_e	mb 4.8
RJOB	54.20		P	00:51:47.024	-0.3	257.7		7.03		TAS		32.2	1.15	m_e	mb 5.2
TANN	54.48		P	00:51:48.532		257.7		7.03		TAS		20.0	1.67	m_e	mb 4.9
TNS	51.94		P	00:51:31.731	-0.2	257.7		7.03		TAS		13.5	1.25	m_e	mb 4.7
UBBA	53.05		P	00:51:41.509	0.7	257.7		7.03		TAS		24.6	1.69	m_e	mb 4.9
UBR	52.41		P	00:51:34.365	0.4	257.7		7.03		TAS		20.2	1.06	m_e	mb 5.0
WERN	54.40		P	00:51:47.783		257.7		7.03		TAS		25.9	1.43	m_e	mb 5.1
WET	54.50		P	00:51:49.131		257.7		7.03		TAS		13.7	1.50	m_e	mb 4.8
WLF	50.36		P	00:51:21.011	-0.4	257.7		7.03		TAS		23.3	1.72	m_e	mb 4.8

Event 50928003 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/28	01:01:45.77			18.2200	-46.7700				10.0			24		52.51	57.65	m i ke	BGR
50928009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50928009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	53.34		P	01:11:07.789	-0.5	256.5		7.23		TAS		20.4	1.46	m_e	mb 4.8
ASSE	55.94		P	01:11:26.656	-0.4	256.5		7.23		TAS		15.1	1.63	m_e	mb 4.8
BFO	53.53		P	01:11:08.175		256.5		7.23		TAS		19.5	1.39	m_e	mb 4.9
BRG	57.65		P	01:11:38.791	-0.1	256.5		7.23		TAS		10.3	1.63	m_e	mb 4.6
BSEG	56.22		P	01:11:27.509	-0.4	256.5		7.23		TAS		42.3	1.59	m_e	mb 5.2
CLL	57.16		P	01:11:35.092	0.4	256.5		7.23		TAS		16.0	1.66	m_e	mb 4.8
CLZ	55.69		P	01:11:24.524	0.4	256.5		7.23		TAS		7.9	1.20	m_e	mb 4.6
FBE	57.30		P	01:11:36.640	-0.4	256.5		7.23		TAS		15.6	1.28	m_e	mb 4.9

FLT1	56.33	P	01:11:28.517	0.2	256.5	7.23	TAS	11.9	1.42	m_e	mb	4.7
GEC2	57.13	P	01:11:34.063		256.5	7.23	TAS	16.6	1.43	m_e	mb	4.9
GRA1	55.70	P	01:11:23.514		256.5	7.23	TAS	24.8	1.57	m_e	mb	5.0
GUNZ	56.55	P	01:11:31.348		256.5	7.23	TAS	11.3	1.35	m_e	mb	4.7
IBBN	54.27	P	01:11:14.302	0.6	256.5	7.23	TAS	13.8	1.13	m_e	mb	4.9
MANZ	56.33	P	01:11:28.666		256.5	7.23	TAS	13.7	1.75	m_e	mb	4.7
MILB	54.52	P	01:11:15.682		256.5	7.23	TAS	8.2	1.17	m_e	mb	4.6
MOX	56.16	P	01:11:27.428	-0.8	256.5	7.23	TAS	12.3	1.52	m_e	mb	4.7
NRDL	55.70	P	01:11:24.173	0.2	256.5	7.23	TAS	32.2	1.70	m_e	mb	5.1
RJOB	56.34	P	01:11:29.138		256.5	7.23	TAS	45.4	1.32	m_e	mb	5.3
ROTZ	56.34	P	01:11:28.630		256.5	7.23	TAS	7.2	1.37	m_e	mb	4.5
TANN	56.64	P	01:11:31.503	0.8	256.5	7.23	TAS	31.5	2.15	m_e	mb	5.0
TNS	54.09	P	01:11:12.765		256.5	7.23	TAS	21.0	1.51	m_e	mb	4.9
UBBA	55.21	P	01:11:21.158		256.5	7.23	TAS	20.1	1.91	m_e	mb	4.8
UBR	54.55	P	01:11:16.570		256.5	7.23	TAS	23.2	1.44	m_e	mb	5.0
WERN	56.56	P	01:11:31.081		256.5	7.23	TAS	26.7	1.48	m_e	mb	5.1
WET	56.65	P	01:11:30.387		256.5	7.23	TAS	30.9	1.95	m_e	mb	5.0
WLF	52.51	P	01:11:01.303		256.5	7.23	TAS	21.0	1.38	m_e	mb	4.9

Event 50928007 Jujuy Province, Argentina

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/09/28	15:28:03.10			-23.5960	-66.4620				193.0			23		97.15	101.86	m i ke	NEIC
	50928046																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50928013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	98.08	P		15:41:19.835	-0.1	245.5		4.69		TAS		28.0	1.41	m_e	mb	5.8
BFO	97.81	P		15:41:18.831		245.5		4.69		TAS		16.3	1.15	m_e	mb	5.7
BSEG	101.36	P		15:41:35.076	-0.5	245.5		4.69		TAS		15.1	1.15	m_e	mb	5.4
BUG	98.60	P		15:41:21.813	0.0	245.5		4.69		TAS		23.2	1.16	m_e	mb	5.8
CLL	101.80	P		15:41:36.765	1.6	245.5		4.69		TAS		4.7	0.85	m_e	mb	5.1
CLZ	100.52	P		15:41:31.054	-0.0	245.5		4.69		TAS		6.0	1.08	m_e	mb	5.0
FBE	101.86	P		15:41:37.128		245.5		4.69		TAS		6.3	0.91	m_e	mb	5.2
FUR	99.51	P		15:41:27.601		245.5		4.69		TAS		54.5	1.23	m_e	mb	6.0
GEC2	101.26	P		15:41:34.065		245.5		4.69		TAS		9.6	1.22	m_e	mb	5.2
GRA1	100.11	P		15:41:28.174		245.5		4.69		TAS		11.0	0.83	m_e	mb	5.5
GUNZ	101.04	P		15:41:33.797		245.5		4.69		TAS		20.5	2.00	m_e	mb	5.3
KAST	99.14	P		15:41:24.650	0.3	245.5		4.69		TAS		10.0	1.01	m_e	mb	5.5
MANZ	100.76	P		15:41:32.082		245.5		4.69		TAS		6.9	0.94	m_e	mb	5.2
MILB	99.04	P		15:41:23.211		245.5		4.69		TAS		12.9	1.51	m_e	mb	5.4
MOX	100.73	P		15:41:32.689	-0.9	245.5		4.69		TAS		5.1	1.02	m_e	mb	5.0
NEUB	101.05	P		15:41:34.842	-0.4	245.5		4.69		TAS		9.0	0.67	m_e	mb	5.4
NRDL	100.64	P		15:41:32.160	-0.2	245.5		4.69		TAS		12.4	1.11	m_e	mb	5.3

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ROTZ	100.73	P	15:41:31.644	245.5	4.69	TAS	9.2	1.28	m_e mb	5.2
STU	98.52	P	15:41:21.934	245.5	4.69	TAS	69.3	1.06	m_e mb	6.3
TANN	101.14	P	15:41:33.739	-0.2 245.5	4.69	TAS	5.6	1.15	m_e mb	5.0
TNS	98.72	P	15:41:23.191	245.5	4.69	TAS	18.1	1.24	m_e mb	5.7
UBBA	99.87	P	15:41:28.431	-0.2 245.5	4.69	TAS	6.9	1.21	m_e mb	5.2
UBR	98.59	P	15:41:22.275	245.5	4.69	TAS	35.1	1.00	m_e mb	6.0
WERD	101.06	P	15:41:33.840	245.5	4.69	TAS	10.3	1.37	m_e mb	5.2
WERN	101.03	P	15:41:35.435	245.5	4.69	TAS	8.8	0.91	m_e mb	5.3
WET	100.88	P	15:41:32.934	245.5	4.69	TAS	11.7	1.02	m_e mb	5.4
WLF	97.15	P	15:41:15.184	245.5	4.69	TAS	40.3	1.04	m_e mb	6.0