

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

(produced by SZO/BGR - HANNOVER)

March 2017

UPDATED 02.August 2019

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

Event 70301001 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/01	00:42:58.100			46.2600	147.4800				33.0				21	73.95	77.56	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	70301007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	75.27		P	00:54:38.931	-0.0	29.7		5.71		TAS		11.4	1.30	m_e mb	4.7
BUG	76.82		P	00:54:47.792	0.0	29.7		5.71		TAS		18.1	0.97	m_e mb	5.2
CLL	75.20		P	00:54:38.378	-0.1	29.7		5.71		TAS		30.5	0.83	m_e mb	5.4
CLZ	75.56		P	00:54:41.161	-0.0	29.7		5.71		TAS		18.2	0.81	m_e mb	5.3
FBE	75.42		P	00:54:40.122	-0.2	29.7		5.71		TAS		15.5	0.91	m_e mb	5.0
FLT1	74.87		P	00:54:36.507	0.2	29.7		5.71		TAS		22.2	0.84	m_e mb	5.2
GEC2	77.08		P	00:54:49.141		29.7		5.71		TAS		25.0	1.65	m_e mb	5.1
GRA1	77.17		P	00:54:50.162		29.7		5.71		TAS		31.8	0.93	m_e mb	5.4
GTTG	75.94		P	00:54:43.075	0.0	29.7		5.71		TAS		17.0	0.84	m_e mb	5.2
GUNZ	76.23		P	00:54:44.717		29.7		5.71		TAS		9.1	0.83	m_e mb	4.9
IBBN	75.91		P	00:54:42.779	-0.2	29.7		5.71		TAS		26.6	0.95	m_e mb	5.3
MANZ	76.63		P	00:54:46.844		29.7		5.71		TAS		2.4	1.08	m_e mb	4.2
MOX	76.21		P	00:54:44.504	0.2	29.7		5.71		TAS		14.5	1.20	m_e mb	5.0
NEUB	75.69		P	00:54:41.304	0.1	29.7		5.71		TAS		46.9	1.24	m_e mb	5.5
PLN	76.18		P	00:54:44.334		29.7		5.71		TAS		7.9	1.00	m_e mb	4.8
ROTZ	76.79		P	00:54:47.950		29.7		5.71		TAS		7.0	1.85	m_e mb	4.5
RUE	73.95		P	00:54:31.681	-0.3	29.7		5.71		TAS		22.9	0.68	m_e mb	5.3
TANN	76.14		P	00:54:43.994		29.7		5.71		TAS		24.3	1.91	m_e mb	5.0
TNS	77.56		P	00:54:52.026		29.7		5.71		TAS		12.4	0.84	m_e mb	5.1
WERD	76.16		P	00:54:44.249		29.7		5.71		TAS		7.9	0.87	m_e mb	4.9
WERN	76.28		P	00:54:45.015		29.7		5.71		TAS		14.8	0.90	m_e mb	5.1

Event 70301003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/01	04:43:17.50			-21.5900	-178.4300				450.0			32		147.76	153.07	m i ke	BGR
OrigID 70301009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.78		PKPbc	05:02:17.723	0.4	17.0		2.33		TAS					a_e
ASSE	148.71		PKPbc	05:02:12.673	0.3	17.0		2.33		TAS					a_e
BFO	152.77		PKPbc	05:02:21.873		17.0		2.33		TAS					a_e
BFO	152.77		PKPab	05:02:34.798		16.0		4.24		TAS					m_e
BRG	149.21		PKPbc	05:02:13.973	-0.0	17.0		2.33		TAS					a_e
BUG	149.88		PKPbc	05:02:15.273	0.1	17.0		2.33		TAS					a_e
CLL	149.02		PKPbc	05:02:13.323	0.3	17.0		2.33		TAS					a_e
CLL	149.02		PKPab	05:02:19.010	0.2	16.0		4.24		TAS					m_e
CLZ	149.04		PKPbc	05:02:13.723	0.1	17.0		2.33		TAS					a_e
CLZ	149.04		PKPab	05:02:19.486	0.2	16.0		4.24		TAS					m_e
FBE	149.30		PKPbc	05:02:14.523	-0.3	17.0		2.33		TAS					a_e
FBE	149.30		PKPab	05:02:20.699	-0.2	16.0		4.24		TAS					m_e
FLT1	148.42		PKPbc	05:02:11.623	-0.2	17.0		2.33		TAS					a_e
FLT1	148.42		PKPab	05:02:16.206	0.1	16.0		4.24		TAS					m_e
FUR	152.37		PKPbc	05:02:21.119		17.0		2.33		TAS					m_e
GEC2	151.13		PKPbc	05:02:18.373	-0.3	17.0		2.33		TAS					a_e
GOR1	147.77		PKPbc	05:02:10.473	-0.1	17.0		2.33		TAS					a_e
GRA1	150.93		PKPbc	05:02:18.077	-0.2	17.0		2.33		TAS					m_e
GRA1	150.93		PKPab	05:02:27.622		16.0		4.24		TAS					m_e
GTTG	149.39		PKPbc	05:02:14.373	0.0	17.0		2.33		TAS					a_e
GTTG	149.39		PKPab	05:02:20.801	0.2	16.0		4.24		TAS					m_e
GUNZ	150.06		PKPbc	05:02:16.173	0.1	17.0		2.33		TAS					a_e
GUNZ	150.06		PKPab	05:02:23.900		16.0		4.24		TAS					m_e
IBBN	148.97		PKPbc	05:02:13.199	-0.0	17.0		2.33		TAS					m_e
IBBN	148.97		PKPab	05:02:18.963	-0.1	16.0		4.24		TAS					m_e
KAST	149.96		PKPbc	05:02:15.723	0.1	17.0		2.33		TAS					a_e
KAST	149.96		PKPab	05:02:22.905	0.3	16.0		4.24		TAS					m_e
MANZ	150.46		PKPbc	05:02:17.023	0.2	17.0		2.33		TAS					a_e
MOX	149.95		PKPbc	05:02:15.623	0.1	17.0		2.33		TAS					a_e
MOX	149.95		PKPab	05:02:22.932		16.0		4.24		TAS					m_e
NEUB	149.39		PKPbc	05:02:14.273	0.1	17.0		2.33		TAS					a_e
NEUB	149.39		PKPab	05:02:20.699	-0.3	16.0		4.24		TAS					m_e
NRDL	148.45		PKPbc	05:02:11.973	-0.2	17.0		2.33		TAS					a_e
NRDL	148.45		PKPab	05:02:16.524	-0.3	16.0		4.24		TAS					m_e
PLN	149.98		PKPbc	05:02:15.773	0.3	17.0		2.33		TAS					a_e
RETH	148.33		PKPbc	05:02:11.723	0.0	17.0		2.33		TAS					a_e

ROTZ	150.65	PKPbc	05:02:17.323	-0.2	17.0	2.33	TAS	a_e
RUE	147.76	PKPbc	05:02:10.173	-0.4	17.0	2.33	TAS	a_e
STU	152.20	PKPbc	05:02:20.873		17.0	2.33	TAS	a_e
STU	152.20	PKPab	05:02:32.255		16.0	4.24	TAS	m_e
TANN	149.98	PKPbc	05:02:15.823	0.4	17.0	2.33	TAS	m_e
TNS	150.91	PKPbc	05:02:17.982	0.1	17.0	2.33	TAS	m_e
TNS	150.91	PKPab	05:02:27.091		16.0	4.24	TAS	m_e
UBR	153.07	PKPbc	05:02:22.382		17.0	2.33	TAS	m_e
WERD	149.99	PKPbc	05:02:15.773	0.2	17.0	2.33	TAS	a_e
WERN	150.12	PKPbc	05:02:16.423	0.1	17.0	2.33	TAS	a_e
WERN	150.12	PKPab	05:02:24.195		16.0	4.24	TAS	m_e
WLF	151.75	PKPbc	05:02:20.373	-0.5	17.0	2.33	TAS	a_e
WLF	151.75	PKPab	05:02:31.015		16.0	4.24	TAS	m_e

Event 70301004 Eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/01	06:43:04.69			37.3110	140.6790				33.0					82.54	82.54	m i ke	BGR
70301010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	70301010
Ms	4.3		BGR	70301010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.54		P	06:55:22.982		41.5		4.52		TAS		16.1	1.04	m_e mb	5.2
GRA1	82.54		L	07:40:43.004						T__		119.3	19.80	a_e Ms	4.3

Event 70301008 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/01	10:39:41.24			51.2090	-172.6880				33.0					79.42	79.42	m i ke	BGR
70301014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	70301014
Ms	4.1		BGR	70301014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.42		P	10:51:42.515		2.7		4.72		TAS		22.3	1.14	m_e mb	5.1
GRA1	79.42		L	11:21:10.659						T__		105.2	21.60	a_e Ms	4.1

Event 70302001 Southern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/02	02:11:35.83			60.0400	-152.3500				82.9	3.6		33		66.62	71.90	m i ke	BGR
70302007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	70302007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	68.52		P	02:22:27.490	0.2	351.5		6.19		TAS		15.1	0.82	m_e	mb	5.3
AHRW	68.52		pP	02:22:48.151		351.8		6.06		TAS				m_e		
ASSE	67.35		P	02:22:19.891	-0.3	351.5		6.19		TAS		20.3	1.12	a_e	mb	5.3
BFO	70.85		P	02:22:41.491		351.5		6.19		TAS		21.3	0.93	a_e	mb	5.3
BFO	70.85		pP	02:23:03.612		351.8		6.06		TAS				m_e		
BRG	68.89		P	02:22:29.491	0.1	351.5		6.19		TAS		24.1	0.96	a_e	mb	5.4
BUG	67.66		P	02:22:21.746	0.2	351.5		6.19		TAS		46.0	0.72	m_e	mb	5.8
BUG	67.66		pP	02:22:43.813	-0.4	351.8		6.06		TAS				m_e		
CLL	68.38		P	02:22:26.043	0.0	351.5		6.19		TAS		17.3	1.00	m_e	mb	5.2
CLL	68.38		pP	02:22:48.131		351.8		6.06		TAS				m_e		
CLZ	67.61		P	02:22:21.991	0.1	351.5		6.19		TAS		49.9	0.71	a_e	mb	5.8
CLZ	67.61		pP	02:22:42.823	-0.5	351.8		6.06		TAS				m_e		
FBE	68.79		P	02:22:29.135	0.0	351.5		6.19		TAS		26.4	0.96	m_e	mb	5.4
FLT1	67.21		P	02:22:18.491	-0.2	351.5		6.19		TAS		24.4	1.17	a_e	mb	5.3
FUR	71.33		P	02:22:44.541		351.5		6.19		TAS		38.7	0.83	a_e	mb	5.6
GEC2	70.88		P	02:22:41.842		351.5		6.19		TAS		15.3	0.99	m_e	mb	5.1
GRA1	69.82		P	02:22:35.491	-0.0	351.5		6.19		TAS		30.8	0.98	a_e	mb	5.4
GTTG	67.86		P	02:22:23.491	-0.2	351.5		6.19		TAS		63.0	0.87	a_e	mb	5.9
GTTG	67.86		pP	02:22:44.319	-0.1	351.8		6.06		TAS				m_e		
GUNZ	69.26		P	02:22:31.921	0.2	351.5		6.19		TAS		16.8	1.01	m_e	mb	5.2
IBBN	66.87		P	02:22:17.071	0.3	351.5		6.19		TAS		30.3	0.86	m_e	mb	5.5
IBBN	66.87		pP	02:22:39.081	0.4	351.8		6.06		TAS				m_e		
KAST	68.03		P	02:22:24.291	-0.0	351.5		6.19		TAS		13.9	0.76	a_e	mb	5.3
MANZ	69.61		P	02:22:33.948	-0.2	351.5		6.19		TAS		10.2	1.88	m_e	mb	4.6
MOX	68.91		P	02:22:29.691	0.1	351.5		6.19		TAS		33.5	0.69	m_e	mb	5.7
MOX	68.91		pP	02:22:50.564		351.8		6.06		TAS				m_e		
NEUB	68.38		P	02:22:26.241	0.2	351.5		6.19		TAS		42.0	0.67	a_e	mb	5.8
NEUB	68.38		pP	02:22:48.470		351.8		6.06		TAS				m_e		
NRDL	66.93		P	02:22:17.392	-0.2	351.5		6.19		TAS		29.0	0.93	m_e	mb	5.5
PLN	69.12		P	02:22:30.991	0.1	351.5		6.19		TAS		24.0	1.04	a_e	mb	5.4
RETH	66.62		P	02:22:15.422	-0.7	351.5		6.19		TAS		20.0	0.76	m_e	mb	5.4
RETH	66.62		pP	02:22:37.461	-0.3	351.8		6.06		TAS				m_e		
RJOB	71.90		P	02:22:47.991		351.5		6.19		TAS		25.4	0.76	a_e	mb	5.4
ROTZ	69.84		P	02:22:35.608	-0.2	351.5		6.19		TAS		5.3	0.86	m_e	mb	4.7
RUE	67.28		P	02:22:19.591	0.3	351.5		6.19		TAS		61.3	0.80	a_e	mb	5.9
STU	70.51		P	02:22:39.551		351.5		6.19		TAS		47.8	0.91	m_e	mb	5.6
TANN	69.22		P	02:22:31.791	0.2	351.5		6.19		TAS		13.3	1.03	a_e	mb	5.1

TNS	69.00	P	02:22:30.330	-0.1	351.5	6.19	TAS	20.9	0.72	m_e	mb	5.5
TNS	69.00	pP	02:22:51.070		351.8	6.06	TAS			m_e		
UBBA	68.58	pP	02:22:48.679		351.8	6.06	TAS			m_e		
UBR	71.69	P	02:22:46.892		351.5	6.19	TAS	20.4	0.80	m_e	mb	5.3
WERD	69.17	P	02:22:31.354	-0.1	351.5	6.19	TAS	10.4	0.76	m_e	mb	5.1
WERD	69.17	pP	02:22:52.136		351.8	6.06	TAS			m_e		
WERN	69.34	P	02:22:32.561	-0.0	351.5	6.19	TAS	33.0	1.22	m_e	mb	5.4
WLF	69.27	pP	02:22:53.110		351.8	6.06	TAS			m_e		

Event 70302005 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/02	11:07:26.34			37.5300	38.6800				21.1	1.3		26		21.34	26.28	m i ke	BGR
	70302011																

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	70302011
Ms	4.9		BGR	70302011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	25.96		P	11:12:57.526		113.4		9.66		TAS		21.1	0.96	m_e	mb	4.7
BRG	22.06		P	11:12:19.713	-0.6	113.4		9.66		TAS		154.4	2.20	m_e	mb	5.0
BUG	26.13		P	11:12:59.268		113.4		9.66		TAS		41.9	1.19	m_e	mb	4.9
CLL	22.79		P	11:12:27.005	-0.2	113.4		9.66		TAS		32.0	1.16	m_e	mb	4.7
CLL	22.79		pP	11:12:32.545						T__				m_e		
CLZ	24.50		P	11:12:44.162	-0.3	113.4		9.66		TAS		71.3	1.02	m_e	mb	5.1
FLT1	24.23		P	11:12:40.760	0.4	113.4		9.66		TAS		53.6	1.53	m_e	mb	4.8
FUR	22.61		P	11:12:25.600	0.9	113.4		9.66		TAS		123.0	1.23	m_e	mb	5.3
GEC2	21.34		P	11:12:12.363	-0.9	113.4		9.66		TAS		81.1	1.11	m_e	mb	5.0
GRA1	23.16		P	11:12:31.825	0.5	113.4		9.66		TAS		92.6	1.10	m_e	mb	5.2
GRA1	23.16		L	11:26:26.550						T__		3036.8	18.10	a_e	Ms	4.8
GTTG	24.61		P	11:12:45.419	-0.8	113.4		9.66		TAS		58.8	1.11	m_e	mb	5.2
GUNZ	22.76		P	11:12:27.375	0.2	113.4		9.66		TAS		55.8	1.04	m_e	mb	5.0
KAST	25.38		P	11:12:52.609		113.4		9.66		TAS		108.7	1.05	m_e	mb	5.5
MANZ	22.74		P	11:12:26.559	-0.4	113.4		9.66		TAS		13.6	1.35	m_e	mb	4.3
MOX	23.29		P	11:12:32.475	-0.2	113.4		9.66		TAS		62.1	1.62	m_e	mb	4.9
MOX	23.29		L	11:22:50.882						T__		5938.7	19.80	a_e	Ms	5.0
NRDL	24.92		P	11:12:48.451		113.4		9.66		TAS		15.7	0.90	m_e	mb	4.7
PLN	22.91		P	11:12:28.371	-0.3	113.4		9.66		TAS		57.8	1.44	m_e	mb	4.9
RETH	25.44		P	11:12:53.405		113.4		9.66		TAS		57.1	1.17	m_e	mb	5.2
RJOB	21.51		P	11:12:14.582	0.6	113.4		9.66		TAS		83.2	1.20	m_e	mb	5.0
ROTZ	22.60		P	11:12:25.106	-0.4	113.4		9.66		TAS		20.2	0.97	m_e	mb	4.6
STU	24.12		P	11:12:39.799	0.3	113.4		9.66		TAS		299.4	1.46	m_e	mb	5.6
TANN	22.71		P	11:12:26.636	-0.0	113.4		9.66		TAS		46.0	1.53	m_e	mb	4.8
TNS	25.03		P	11:12:48.795		113.4		9.66		TAS		126.5	1.33	m_e	mb	5.5
UBBA	24.30		P	11:12:41.569	0.7	113.4		9.66		TAS		307.6	2.45	m_e	mb	5.4

WERD	22.81	P	11:12:27.523	-0.1	113.4	9.66	TAS	29.9	1.23	m_e	mb	4.7
WERD	22.81	pP	11:12:32.424				T__					
WERN	22.70	P	11:12:26.636	-0.0	113.4	9.66	TAS	99.4	1.05	m_e	mb	5.3
WLF	26.28	P	11:12:59.587		113.4	9.66	TAS	29.6	0.94	m_e	mb	4.9

Event 70302009 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/02	19:13:20.23			61.7100	-27.0400				33.0			27		20.90	26.04	m i ke	BGR
	70302015																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	70302015
Ms	4.2		BGR	70302015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	21.77		P	19:18:09.130	0.3	313.9		9.95		TAS		225.0	1.75	m_e	mb	5.3
ASSE	22.39		P	19:18:16.043	1.1	313.9		9.95		TAS		90.9	1.66	m_e	mb	4.9
BFO	23.93		P	19:18:31.579	0.2	313.9		9.95		TAS		41.3	1.32	m_e	mb	4.8
BRG	24.76		P	19:18:39.081		313.9		9.95		TAS		18.1	1.07	m_e	mb	4.7
CLL	24.02		P	19:18:32.281	0.1	313.9		9.95		TAS		33.0	1.27	m_e	mb	4.7
CLZ	22.43		P	19:18:16.784	0.4	313.9		9.95		TAS		60.1	1.26	m_e	mb	4.9
FBE	24.45		P	19:18:36.428		313.9		9.95		TAS		216.6	2.50	m_e	mb	5.2
FLT1	22.53		P	19:18:16.924	-0.0	313.9		9.95		TAS		82.7	1.44	m_e	mb	5.1
FUR	25.40		P	19:18:45.052		313.9		9.95		TAS		64.4	1.24	m_e	mb	5.2
GEC2	26.04		P	19:18:52.858		313.9		9.95		TAS		22.4	1.42	m_e	mb	4.6
GRA1	24.28		P	19:18:35.213	-0.9	313.9		9.95		TAS		214.0	2.45	m_e	mb	5.2
GRA1	24.28		L	19:28:21.789						T__		1312.5	18.60	a_e	Ms	4.4
GTTG	22.44		P	19:18:16.815	0.3	313.9		9.95		TAS		102.1	1.09	m_e	mb	5.2
GUNZ	24.34		P	19:18:35.588	0.3	313.9		9.95		TAS		39.5	1.35	m_e	mb	4.8
IBBN	20.90		P	19:18:02.015	-0.7	313.9		9.95		TAS		113.4	1.59	m_e	mb	5.0
MANZ	24.49		P	19:18:36.733		313.9		9.95		TAS		12.5	1.13	m_e	mb	4.3
MOX	23.81		P	19:18:30.584	-0.0	313.9		9.95		TAS		166.9	2.05	m_e	mb	5.2
MOX	23.81		L	19:26:59.507						T__		528.5	21.90	a_e	Ms	4.0
NEUB	23.52		P	19:18:27.755	0.0	313.9		9.95		TAS		63.0	1.30	m_e	mb	5.0
NRDL	21.89		P	19:18:10.619	0.1	313.9		9.95		TAS		80.5	1.20	m_e	mb	5.0
PLN	24.18		P	19:18:33.940	-0.1	313.9		9.95		TAS		61.3	1.16	m_e	mb	5.0
RETH	21.38		P	19:18:05.199	0.1	313.9		9.95		TAS		171.6	1.37	m_e	mb	5.2
ROTZ	24.69		P	19:18:39.305		313.9		9.95		TAS		7.4	1.32	m_e	mb	4.2
STU	24.00		P	19:18:32.185	-0.5	313.9		9.95		TAS		207.5	1.38	m_e	mb	5.5
TANN	24.37		P	19:18:35.445		313.9		9.95		TAS		33.8	1.23	m_e	mb	4.7
TNS	22.63		P	19:18:18.369	-0.0	313.9		9.95		TAS		40.2	1.37	m_e	mb	4.8
UBR	25.22		P	19:18:43.282		313.9		9.95		TAS		72.1	1.34	m_e	mb	5.2
WERD	24.27		P	19:18:34.875	-0.3	313.9		9.95		TAS		49.3	1.56	m_e	mb	4.8
WERN	24.41		P	19:18:36.286		313.9		9.95		TAS		45.3	1.29	m_e	mb	4.8

Event 70303011 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/03	08:27:31.41			42.7920	145.8940				33.0					77.74	81.86	m i ke	BGR
OrigID 70303017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	70303017
Ms	4.0		BGR	70303017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	81.86		L	09:11:00.355						T__		64.5	21.30	a_e	Ms 4.0
CLL	77.74		L	09:10:24.173						T__		74.3	21.70	a_e	Ms 4.0
FUR	80.99		L	09:12:48.795						T__		81.3	19.70	a_e	Ms 4.1
GEC2	79.54		L	09:15:49.380						T__		83.5	21.50	a_e	Ms 4.0
GRA1	79.71		P	08:39:34.514		31.2		4.94		TAS		45.8	0.70	m_e	mb 5.5
GRA1	79.71		L	09:14:25.861						T__		61.6	18.70	a_e	Ms 4.0
MOX	78.77		P	08:39:26.385		31.2		4.94		TAS		53.8	1.97	m_e	mb 5.2
MOX	78.77		L	09:11:16.319						T__		83.4	18.10	a_e	Ms 4.1
TNS	80.19		L	09:11:00.485						T__		77.7	21.90	a_e	Ms 4.0

Event 70304006 Myanmar-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/04	02:11:42.35			23.3050	94.5030				33.0				20	66.43	71.57	m i ke	BGR
OrigID 70304012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	70304012
Ms	3.8		BGR	70304012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	70.49		P	02:22:52.723		79.2		6.27		TAS		3.9	0.62	m_e	mb 4.7
BRG	66.43		P	02:22:27.543	0.3	79.2		6.27		TAS		11.6	0.54	m_e	mb 5.3
CLL	66.95		P	02:22:30.307	-0.1	79.2		6.27		TAS		8.9	0.69	m_e	mb 5.1
CLZ	68.48		P	02:22:40.469	-0.1	79.2		6.27		TAS		23.9	0.72	m_e	mb 5.5
FBE	66.79		P	02:22:30.054	0.2	79.2		6.27		TAS			0.84	m_e	
GEC2	66.90		P	02:22:30.893		79.2		6.27		TAS		15.0	0.49	m_e	mb 5.5
GRA1	68.35		P	02:22:40.001		79.2		6.27		TAS		14.7	0.80	m_e	mb 5.3
GRA1	68.35		L	02:56:04.068						T__		47.5	20.20	a_e	Ms 3.7
GUNZ	67.52		P	02:22:34.671		79.2		6.27		TAS			0.89	m_e	
MANZ	67.73		P	02:22:36.248		79.2		6.27		TAS		3.3	1.00	m_e	mb 4.5
MOX	67.92		P	02:22:36.918	-0.5	79.2		6.27		TAS		10.9	0.88	m_e	mb 5.1

MOX	67.92	L	02:53:51.805						T__	63.1	18.30	a_e	Ms	3.9
NEUB	67.73	P	02:22:35.558	0.5	79.2	6.27			TAS	17.4	0.56	m_e	mb	5.5
NRDL	68.52	P	02:22:41.040	0.1	79.2	6.27			TAS	18.0	0.92	m_e	mb	5.3
PLN	67.61	P	02:22:34.885		79.2	6.27			TAS		0.67	m_e		
ROTZ	67.70	P	02:22:36.249		79.2	6.27			TAS	6.7	0.53	m_e	mb	5.1
TANN	67.43	P	02:22:33.871		79.2	6.27			TAS	8.0	0.59	m_e	mb	5.1
TNS	69.99	P	02:22:50.001		79.2	6.27			TAS	24.7	1.01	m_e	mb	5.3
UBR	69.47	P	02:22:46.606		79.2	6.27			TAS	10.6	0.57	m_e	mb	5.3
WERD	67.52	P	02:22:34.486		79.2	6.27			TAS		0.66	m_e		
WERN	67.51	P	02:22:34.517		79.2	6.27			TAS		0.76	m_e		
WLF	71.57	P	02:23:00.084		79.2	6.27			TAS	40.9	0.96	m_e	mb	5.5

Event 70304007 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/04	02:58:23.80			-7.2900	155.7200				50.0			34		125.27	130.66	m i ke	EMSC
70304039																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.8		BGR	70304013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	129.61		PKPdf	03:17:27.007	-0.1	47.3		1.92		TAS				a_e	
ASSE	126.91		PKPdf	03:17:21.657	-0.1	47.3		1.92		TAS				a_e	
BFO	130.66		PKPdf	03:17:28.607		47.3		1.92		TAS				a_e	
BFO	130.66		PP	03:19:44.559						T__				m_e	
BFO	130.66		L	04:19:12.582						T__		2126.3	20.30	a_e	Ms 5.8
BRG	126.25		PKPdf	03:17:20.407	-0.2	47.3		1.92		TAS				a_e	
BUG	128.86		PKPdf	03:17:25.257	0.1	47.3		1.92		TAS				a_e	
CLL	126.41		PKPdf	03:17:20.407	0.2	47.3		1.92		TAS				m_e	
CLL	126.41		L	04:15:02.886						T__		2610.5	21.80	a_e	Ms 5.9
CLZ	127.24		PKPdf	03:17:22.557	0.1	47.3		1.92		TAS				a_e	
FBE	126.50		PKPdf	03:17:21.057	-0.3	47.3		1.92		TAS				a_e	
FLT1	126.52		PKPdf	03:17:20.657	0.1	47.3		1.92		TAS				a_e	
FUR	129.34		PKPdf	03:17:26.307	0.0	47.3		1.92		TAS				a_e	
FUR	129.34		L	04:17:42.535						T__		2200.3	20.10	a_e	Ms 5.8
GEC2	127.67		PKPdf	03:17:23.057	0.0	47.3		1.92		TAS				a_e	
GEC2	127.67		L	04:14:11.902						T__		3112.9	22.00	a_e	Ms 5.9
GOR1	126.02		PKPdf	03:17:20.157	0.1	47.3		1.92		TAS				a_e	
GRA1	128.34		PKPdf	03:17:24.407	-0.4	47.3		1.92		TAS				a_e	
GRA1	128.34		L	04:15:15.134						T__		1541.9	21.70	a_e	Ms 5.7
GTTG	127.63		PKPdf	03:17:23.207	0.2	47.3		1.92		TAS				a_e	
GUNZ	127.36		PKPdf	03:17:22.707	0.1	47.3		1.92		TAS				a_e	
IBBN	128.01		PKPdf	03:17:23.807	0.1	47.3		1.92		TAS				a_e	
KAST	128.55		PKPdf	03:17:24.907	-0.3	47.3		1.92		TAS				a_e	
MANZ	127.72		PKPdf	03:17:23.307	-0.2	47.3		1.92		TAS				m_e	

MOX	127.51	PKPdf	03:17:22.807	0.0	47.3	1.92	TAS											a_e
MOX	127.51	L	04:17:11.580				T__			2641.0	19.50							Ms 5.9
NEUB	127.06	PKPdf	03:17:21.807	0.1	47.3	1.92	TAS											a_e
NRDL	126.89	PKPdf	03:17:21.807	-0.1	47.3	1.92	TAS											a_e
PLN	127.36	PKPdf	03:17:22.507	0.3	47.3	1.92	TAS											a_e
RETH	127.03	PKPdf	03:17:21.957	0.2	47.3	1.92	TAS											a_e
RJOB	128.85	PKPdf	03:17:24.907	0.2	47.3	1.92	TAS											a_e
ROTZ	127.82	PKPdf	03:17:23.357	-1.1	47.3	1.92	TAS											a_e
ROTZ	127.82	PP	03:19:28.356				T__											m_e
RUE	125.27	PKPdf	03:17:18.507	0.1	47.3	1.92	TAS											a_e
STU	129.94	PKPdf	03:17:27.457	-0.2	47.3	1.92	TAS											a_e
TANN	127.26	PKPdf	03:17:22.407	0.1	47.3	1.92	TAS											a_e
TNS	129.25	PKPdf	03:17:26.357	0.1	47.3	1.92	TAS											a_e
TNS	129.25	L	04:18:05.928				T__			2469.7	21.60							Ms 5.9
UBBA	128.13	PKPdf	03:17:22.907	0.0	47.3	1.92	TAS											a_e
UBR	130.25	PKPdf	03:17:27.857	0.6	47.3	1.92	TAS											a_e
WERD	127.31	PKPdf	03:17:22.457	0.2	47.3	1.92	TAS											a_e
WERN	127.39	PKPdf	03:17:22.807	0.1	47.3	1.92	TAS											a_e
WLF	130.66	PKPdf	03:17:29.557		47.3	1.92	TAS											a_e

Event 70304008 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/04	03:16:40.75			-7.4610	155.7320				33.0					126.40	128.50	m i ke	BGR
	70304014																

Magnitude	Err	Nsta	Author	OrigID
Ms	5.4		BGR	70304014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	126.40		PKPdf	03:35:31.705		47.4		0.00		TAS					m_e
CLL	126.57		PKPdf	03:35:31.698		47.4		0.00		TAS					m_e
CLZ	127.40		PKPdf	03:35:33.862		47.4		0.00		TAS					m_e
FBE	126.66		PKPdf	03:35:32.367		47.4		0.00		TAS					m_e
FLT1	126.67		PKPdf	03:35:32.131		47.4		0.00		TAS					m_e
GEC2	127.83		PKPdf	03:35:34.385		47.4		0.00		TAS					m_e
GRA1	128.50		L	04:35:17.053						T__		712.2	18.20		a_e Ms 5.4
GTTG	127.79		PKPdf	03:35:34.659		47.4		0.00		TAS					m_e
GUNZ	127.51		PKPdf	03:35:33.870		47.4		0.00		TAS					m_e
MANZ	127.87		PKPdf	03:35:34.826		47.4		0.00		TAS					m_e
MOX	127.66		L	04:34:03.625						T__		767.4	18.10		a_e Ms 5.4
NRDL	127.05		PKPdf	03:35:32.990		47.4		0.00		TAS					m_e
PLN	127.51		PKPdf	03:35:33.526		47.4		0.00		TAS					m_e
RETH	127.19		PKPdf	03:35:33.280		47.4		0.00		TAS					m_e
WERD	127.47		PKPdf	03:35:33.871		47.4		0.00		TAS					m_e
WERN	127.54		PKPdf	03:35:34.041		47.4		0.00		TAS					m_e

Event 70304009 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/04	20:03:45.10			-20.4800	-178.4500				595.0			26		146.01	151.99	m i ke	EMSC
70304041																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.5		BGR	70304015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.62		PKPbc	20:22:23.246	-0.1	18.3		2.44		TAS				a_e	
BRG	148.13		PKPbc	20:22:24.596	0.1	18.3		2.44		TAS				a_e	
BUG	148.78		PKPbc	20:22:26.046	0.0	18.3		2.44		TAS				a_e	
CLL	147.95		PKPbc	20:22:23.946	0.3	18.3		2.44		TAS				m_e	
CLZ	147.95		PKPbc	20:22:24.296	-0.2	18.3		2.44		TAS				a_e	
FBE	148.23		PKPbc	20:22:25.146	0.1	18.3		2.44		TAS				a_e	
FLT1	147.33		PKPbc	20:22:22.146	0.1	18.3		2.44		TAS				a_e	
GEC2	150.07		PKPbc	20:22:29.196		18.3		2.44		TAS				a_e	
GOR1	146.68		PKPbc	20:22:20.996	-0.1	18.3		2.44		TAS				a_e	
GRA1	149.85		L	21:06:16.349						T__		59.0	19.30	a_e Ms	4.4
GTTG	148.30		PKPbc	20:22:24.996	0.1	18.3		2.44		TAS				a_e	
GUNZ	148.98		PKPbc	20:22:26.846	-0.3	18.3		2.44		TAS				a_e	
HLG	146.01		PKPbc	20:22:18.996	0.1	18.3		2.44		TAS				m_e	
KAST	148.87		PKPbc	20:22:26.396	-0.1	18.3		2.44		TAS				a_e	
MANZ	149.38		PKPbc	20:22:27.796		18.3		2.44		TAS				a_e	
MOX	148.87		PKPbc	20:22:26.396	0.2	18.3		2.44		TAS				a_e	
MOX	148.87		L	21:07:19.131						T__		77.2	19.10	a_e Ms	4.5
NEUB	148.31		PKPbc	20:22:24.946	0.1	18.3		2.44		TAS				a_e	
NRDL	147.36		PKPbc	20:22:22.546	-0.4	18.3		2.44		TAS				a_e	
PLN	148.90		PKPbc	20:22:26.496	0.2	18.3		2.44		TAS				a_e	
RETH	147.24		PKPbc	20:22:22.246	-0.0	18.3		2.44		TAS				a_e	
RJOB	151.32		PKPbc	20:22:32.546		18.3		2.44		TAS				a_e	
ROTZ	149.57		PKPbc	20:22:28.096		18.3		2.44		TAS				a_e	
TANN	148.90		PKPbc	20:22:26.546	0.3	18.3		2.44		TAS				a_e	
TNS	149.82		PKPbc	20:22:28.696	-0.6	18.3		2.44		TAS				a_e	
TNS	149.82		L	21:10:16.317						T__		92.3	21.70	a_e Ms	4.5
UBR	151.99		PKPbc	20:22:33.296		18.3		2.44		TAS				a_e	
WERD	148.91		PKPbc	20:22:26.496	0.0	18.3		2.44		TAS				a_e	
WLF	150.65		PKPbc	20:22:31.096		18.3		2.44		TAS				a_e	

Event 70305005 Luzon, 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
 2017/03/05 00:08:50.73 14.8140 121.5030 33.0 24 88.80 93.71 m i ke BGR
 70305011

Magnitude Err Nsta Author OrigID
 mb 5.5 BGR 70305011
 Ms 5.6 BGR 70305011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	93.71		L	01:10:46.966						T__		1853.1	19.10	a_e	Ms	5.6
BRG	89.33		P	00:21:43.046	-0.5	65.1		4.63		TAS		37.4	1.36	m_e	mb	5.4
CLL	89.71		P	00:21:44.659	0.4	65.1		4.63		TAS		37.4	1.68	m_e	mb	5.3
CLL	89.71		L	01:08:34.901						T__		2037.7	20.20	a_e	Ms	5.5
CLZ	90.98		P	00:21:51.067	-0.0	65.1		4.63		TAS		39.0	1.27	m_e	mb	5.6
FBE	89.66		P	00:21:44.054	-0.1	65.1		4.63		TAS		70.8	1.77	m_e	mb	5.6
FLT1	90.29		P	00:21:46.354	-0.2	65.1		4.63		TAS		63.7	2.21	m_e	mb	5.5
FUR	92.02		P	00:21:55.596		65.1		4.63		TAS		122.0	1.75	a_e	mb	5.9
FUR	92.02		L	01:09:56.567						T__		1808.6	20.40	a_e	Ms	5.5
GEC2	90.26		P	00:21:47.059	-1.1	65.1		4.63		TAS		54.5	1.79	m_e	mb	5.5
GEC2	90.26		L	01:07:07.565						T__		1480.8	21.70	a_e	Ms	5.4
GOR1	89.97		P	00:21:46.445	-0.3	65.1		4.63		TAS		159.8	1.86	m_e	mb	5.9
GRA1	91.41		L	01:09:27.702						T__		3052.7	19.20	a_e	Ms	5.8
GUNZ	90.48		P	00:21:48.346	0.3	65.1		4.63		TAS		27.1	1.25	a_e	mb	5.3
IBBN	92.21		P	00:21:56.185		65.1		4.63		TAS		57.5	1.45	m_e	mb	5.7
KAST	92.36		P	00:21:56.746		65.1		4.63		TAS		36.0	1.59	a_e	mb	5.5
MANZ	90.76		P	00:21:50.017	0.2	65.1		4.63		TAS		5.9	1.53	m_e	mb	4.7
MOX	90.78		P	00:21:49.737	0.1	65.1		4.63		TAS		26.3	1.35	m_e	mb	5.4
MOX	90.78		L	01:10:15.175						T__		1664.4	18.30	a_e	Ms	5.5
NEUB	90.46		P	00:21:48.386	-0.0	65.1		4.63		TAS		61.6	1.51	m_e	mb	5.6
NRDL	90.84		P	00:21:50.174	0.1	65.1		4.63		TAS		51.6	1.44	m_e	mb	5.7
PLN	90.53		P	00:21:48.683	0.3	65.1		4.63		TAS		25.4	1.34	m_e	mb	5.4
RETH	91.14		P	00:21:51.582	0.1	65.1		4.63		TAS		36.0	1.40	m_e	mb	5.5
RJOB	91.26		P	00:21:51.961	-0.3	65.1		4.63		TAS		30.2	1.38	m_e	mb	5.4
ROTZ	90.79		P	00:21:49.996	0.4	65.1		4.63		TAS		8.5	1.32	a_e	mb	4.9
RUE	88.80		P	00:21:40.986	0.0	65.1		4.63		TAS				m_e		
TANN	90.38		P	00:21:47.717	0.1	65.1		4.63		TAS		20.3	1.29	m_e	mb	5.2
TNS	92.78		P	00:21:59.170		65.1		4.63		TAS		37.2	1.59	m_e	mb	5.6
TNS	92.78		L	01:11:16.817						T__		2488.2	19.10	a_e	Ms	5.7
WERD	90.46		P	00:21:48.246	0.0	65.1		4.63		TAS		55.9	1.88	m_e	mb	5.5
WERN	90.48		P	00:21:48.640	0.1	65.1		4.63		TAS		31.4	1.43	m_e	mb	5.3

Event 70306014 South of Fiji Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2017/03/06 03:06:21.50 -19.6000 178.3800 36.5 147.29 148.43 m i ke NEIC
 70306068

Magnitude Err Nsta Author OrigID
 Ms 4.8 BGR 70306020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	148.27		L	04:34:12.201						T__		129.3	20.80	a_e	Ms 4.7
GRB1	148.43		PKPab	03:26:03.325		23.5		2.56		TAS				m_e	
MOX	147.29		L	04:18:45.664						T__		212.7	18.20	a_e	Ms 5.0

Event 70306015 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/06	08:32:14.70			-18.1100	-178.2000				542.0			29		144.41	149.73	m i ke	EMSC
	70306047																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	147.37		PKPbc	08:50:58.766	-0.1	16.9		2.71		TAS				m_e	
ASSE	145.34		PKPbc	08:50:52.271	0.4	16.9		2.71		TAS				m_e	
BFO	149.39		PKPbc	08:51:02.958	-0.5	16.9		2.71		TAS				m_e	
BRG	145.91		PKPbc	08:50:54.122		16.9		2.71		TAS				m_e	
CLL	145.70		PKPbc	08:50:53.461	-0.6	16.9		2.71		TAS				m_e	
CLZ	145.67		PKPbc	08:50:53.636	-0.2	16.9		2.71		TAS				m_e	
FBE	145.99		PKPbc	08:50:54.763	-0.0	16.9		2.71		TAS				m_e	
FLT1	145.06		PKPbc	08:50:51.159		16.9		2.71		TAS				m_e	
FUR	149.04		PKPbc	08:51:02.451	0.0	16.9		2.71		TAS				m_e	
GEC2	147.86		PKPbc	08:50:59.488	-0.3	16.9		2.71		TAS				m_e	
GOR1	144.41		PKPbc	08:50:49.378		16.9		2.71		TAS				m_e	
GTTG	146.02		PKPbc	08:50:54.447	0.4	16.9		2.71		TAS				m_e	
GUNZ	146.74		PKPbc	08:50:56.721	-0.2	16.9		2.71		TAS				m_e	
IBBN	145.56		PKPbc	08:50:52.995	-0.1	16.9		2.71		TAS				m_e	
KAST	146.57		PKPbc	08:50:55.862	-0.6	16.9		2.71		TAS				m_e	
MANZ	147.14		PKPbc	08:50:57.584	0.2	16.9		2.71		TAS				m_e	
MOX	146.61		PKPbc	08:50:55.918	0.4	16.9		2.71		TAS				m_e	
NEUB	146.05		PKPbc	08:50:54.510	-0.4	16.9		2.71		TAS				m_e	
NRDL	145.07		PKPbc	08:50:51.322	-0.1	16.9		2.71		TAS				m_e	
PLN	146.65		PKPbc	08:50:56.231	0.2	16.9		2.71		TAS				m_e	
RETH	144.94		PKPbc	08:50:51.165	-0.4	16.9		2.71		TAS				m_e	
RJOB	149.11		PKPbc	08:51:02.248	0.1	16.9		2.71		TAS				m_e	
ROTZ	147.33		PKPbc	08:50:58.086	0.0	16.9		2.71		TAS				a_e	
TANN	146.66		PKPbc	08:50:56.373	0.1	16.9		2.71		TAS				m_e	
TNS	147.52		PKPbc	08:50:58.605	0.6	16.9		2.71		TAS				m_e	
UBR	149.73		PKPbc	08:51:04.004	0.2	16.9		2.71		TAS				m_e	
WERD	146.66		PKPbc	08:50:56.353	0.3	16.9		2.71		TAS				m_e	
WERN	146.80		PKPbc	08:50:56.881	0.3	16.9		2.71		TAS				m_e	

WLF 148.33 PKPbc 08:51:01.125 -0.4 16.9 2.71 TAS m_e

Event 70306016 Eastern Siberia, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2017/03/06 17:30:57.25 60.7300 165.6260 33.0 28 65.30 70.14 m i ke BGR
70306022

Magnitude Err Nsta Author OrigID
mb 5.4 BGR 70306022
Ms 4.4 BGR 70306022

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. It lists various station data points for the event.

Event 70306018 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/06	18:18:01.50			-24.0100	179.0600				558.0					149.44	153.92	m i ke	EMSC
70306050																	

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	150.55		PKPbc	18:36:50.104		24.8		3.81		TAS					m_e
BRG	150.81		PKPbc	18:36:51.438		24.8		3.81		TAS					m_e
BRG	150.81		PKPab	18:37:01.534		24.8		3.81		TAS					m_e
BRG	150.81		SKPdf	18:39:06.848						T__					m_e
CLL	150.70		PKPbc	18:36:51.055		24.8		3.81		TAS					m_e
CLL	150.70		PKPab	18:37:00.622		24.8		3.81		TAS					m_e
CLZ	150.89		PKPbc	18:36:51.528		24.8		3.81		TAS					m_e
CLZ	150.89		PKPab	18:37:01.725		24.8		3.81		TAS					m_e
CLZ	150.89		SKPdf	18:39:05.216						T__					m_e
FBE	150.94		PKPbc	18:36:52.105		24.8		3.81		TAS					m_e
FBE	150.94		PKPab	18:37:01.755		24.8		3.81		TAS					m_e
FBE	150.94		SKPdf	18:39:07.537						T__					m_e
FLT1	150.23		PKPbc	18:36:49.585		24.8		3.81		TAS					m_e
FLT1	150.23		PKPab	18:36:58.344		24.8		3.81		TAS					m_e
GEC2	152.66		PKPab	18:37:09.368		24.8		3.81		TAS					m_e
GOR1	149.61		PKPbc	18:36:48.992		24.8		3.81		TAS					m_e
GRA1	152.65		PKPab	18:37:09.266		24.8		3.81		TAS					m_e
GRA1	152.65		SKPdf	18:39:11.573						T__					m_e
GTTG	151.25		PKPbc	18:36:52.343		24.8		3.81		TAS					m_e
GUNZ	151.74		PKPbc	18:36:53.159		24.8		3.81		TAS					m_e
GUNZ	151.74		PKPab	18:37:05.693		24.8		3.81		TAS					m_e
GUNZ	151.74		SKPdf	18:39:09.710						T__					m_e
KAST	151.91		PKPbc	18:36:53.530		24.8		3.81		TAS					m_e
MANZ	152.14		PKPbc	18:36:54.345		24.8		3.81		TAS					m_e
MANZ	152.14		SKPdf	18:39:10.399						T__					m_e
MOX	151.68		PKPbc	18:36:53.291		24.8		3.81		TAS					m_e
MOX	151.68		PKPab	18:37:04.990		24.8		3.81		TAS					m_e
NEUB	151.14		PKPbc	18:36:51.973		24.8		3.81		TAS					m_e
NEUB	151.14		PKPab	18:37:02.460		24.8		3.81		TAS					m_e
NRDL	150.34		PKPbc	18:36:50.475		24.8		3.81		TAS					m_e
PLN	151.68		PKPbc	18:36:53.291		24.8		3.81		TAS					m_e
PLN	151.68		PKPab	18:37:05.063		24.8		3.81		TAS					m_e
PLN	151.68		SKPdf	18:39:08.828						T__					m_e
RETH	150.26		PKPbc	18:36:50.326		24.8		3.81		TAS					m_e
RJOB	153.92		PKPab	18:37:15.174		24.8		3.81		TAS					m_e
ROTZ	152.31		PKPab	18:37:08.265		24.8		3.81		TAS					m_e
RUE	149.44		PKPbc	18:36:48.414		24.8		3.81		TAS					m_e
TANN	151.66		PKPab	18:37:05.105		24.8		3.81		TAS					m_e
TANN	151.66		SKPdf	18:39:09.107						T__					m_e

./2017/bull1703.txt

Thu Apr 23 08:38:25 2020

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TNS	152.83	PKPab	18:37:09.809	24.8	3.81	TAS	m_e
WERD	151.67	PKPbc	18:36:53.381	24.8	3.81	TAS	m_e
WERD	151.67	PKPab	18:37:05.473	24.8	3.81	TAS	m_e
WERD	151.67	SKPdf	18:39:09.021			T__	m_e
WERN	151.79	PKPbc	18:36:53.196	24.8	3.81	TAS	m_e
WERN	151.79	PKPab	18:37:06.061	24.8	3.81	TAS	m_e
WERN	151.79	SKPdf	18:39:09.775			T__	m_e
WLF	153.80	PKPab	18:37:14.145	24.8	3.81	TAS	m_e

Event 70306019 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/06	19:26:00.10			-31.2600	-179.8500				400.0					157.83	160.91	m i ke	EMSC
	70306051																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	157.89		PKPab	19:45:44.568	28.4	28.4	4.10	4.10		TAS				m_e	
BUG	159.16		PKPab	19:45:49.471	28.4	28.4	4.10	4.10		TAS				m_e	
CLL	157.83		PKPab	19:45:43.744	28.4	28.4	4.10	4.10		TAS				m_e	
CLZ	158.10		PKPab	19:45:45.498	28.4	28.4	4.10	4.10		TAS				m_e	
FBE	158.04		PKPab	19:45:45.414	28.4	28.4	4.10	4.10		TAS				m_e	
GEC2	159.66		PKPab	19:45:51.691	28.4	28.4	4.10	4.10		TAS				m_e	
GRA1	159.79		PKPab	19:45:51.986	28.4	28.4	4.10	4.10		TAS				m_e	
GTTG	158.47		PKPab	19:45:46.872	28.4	28.4	4.10	4.10		TAS				m_e	
GUNZ	158.86		PKPab	19:45:48.922	28.4	28.4	4.10	4.10		TAS				m_e	
IBBN	158.24		PKPab	19:45:45.710	28.4	28.4	4.10	4.10		TAS				m_e	
KAST	159.15		PKPab	19:45:49.154	28.4	28.4	4.10	4.10		TAS				m_e	
MANZ	159.26		PKPab	19:45:51.699	28.4	28.4	4.10	4.10		TAS				m_e	
MOX	158.83		PKPab	19:45:48.732	28.4	28.4	4.10	4.10		TAS				m_e	
NEUB	158.30		PKPab	19:45:46.766	28.4	28.4	4.10	4.10		TAS				m_e	
PLN	158.81		PKPab	19:45:48.438	28.4	28.4	4.10	4.10		TAS				m_e	
RJOB	160.91		PKPab	19:45:57.862	28.4	28.4	4.10	4.10		TAS				m_e	
ROTZ	159.41		PKPab	19:45:51.543	28.4	28.4	4.10	4.10		TAS				m_e	
TANN	158.77		PKPab	19:45:46.978	28.4	28.4	4.10	4.10		TAS				m_e	
WERD	158.79		PKPab	19:45:48.605	28.4	28.4	4.10	4.10		TAS				m_e	
WERN	158.91		PKPab	19:45:49.176	28.4	28.4	4.10	4.10		TAS				m_e	

Event 70306005 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/06	20:12:09.09	0.29	1.53	46.9290	8.9070	6.7	3.3	20	10.0				53 203	0.35	5.82	m i ke	BGR

70306011

Magnitude Err Nsta Author OrigID
ML 4.6 BGR 70306011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABH	3.10		Pn	20:12:57.430	0.7					T__	98.3			m_e	
AHRW	3.81		Pn	20:13:07.339	0.9					T__				m_e	
ARSA	4.53		Pn	20:13:17.975	1.9					T__				m_e	
BALST	0.92		Sg	20:12:38.743	0.3					T__	4.0			m_e	
BALST	0.92		Pg	20:12:25.961	-0.6					T__	2040.4			m_e	ML 4.5
BERGE	1.07		Sg	20:12:43.056	0.1					T__	6.6			m_e	
BERGE	1.07		Pg	20:12:28.631	-0.6					T__	950.1			m_e	ML 4.2
BFO	1.46		Sg	20:12:55.487	0.1					T__	11.9			m_e	
BFO	1.46		Pg	20:12:34.660	-1.9					T__	481.6			m_e	ML 4.6
BRG	5.16		Pn	20:13:23.357	-1.2					T__				m_e	
BUG	4.64		Sn	20:14:10.201	3.0					T__				m_e	
BUG	4.64		Pn	20:13:19.019	1.5					T__				m_e	
CLL	5.14		Pn	20:13:22.341	-1.9					T__				m_e	
CLZ	5.01		Pn	20:13:21.179	-1.3					T__				m_e	
DAVA	0.76		Sg	20:12:32.404	-0.8					T__	11.4			m_e	
DAVA	0.76		Pg	20:12:22.191	-1.2					T__	1234.7			m_e	ML 4.6
ECH	1.75		Pn	20:12:38.900	0.3					T__	305.3			m_e	
EMING	0.97		Sg	20:12:40.582	0.7					T__	15.5			m_e	
EMING	0.97		Pg	20:12:27.056	-0.3					T__	1430.3			m_e	ML 4.7
FBE	4.95		Pn	20:13:20.762	-1.0					T__				m_e	
FUR	2.02		Sg	20:13:13.047	-0.3					T__	5.7			m_e	
FUR	2.02		Pn	20:12:43.061	0.8					T__	17.3			m_e	ML 4.8
GEC2	3.75		Pn	20:13:06.177	0.6					T__				m_e	
GRA1	3.17		Pn	20:12:56.124	-1.6					T__	45.8			m_e	
GRFO	3.17		Pn	20:12:56.055	-1.6					T__	38.3			m_e	
GTTG	4.67		Sn	20:14:10.704	2.8					T__				m_e	
GTTG	4.67		Pn	20:13:17.074	-0.9					T__				m_e	
GUNZ	4.12		Pn	20:13:08.540	-2.0					T__				m_e	
IBBN	5.44		Pn	20:13:30.109	1.9					T__				m_e	
KAST	4.29		Pn	20:13:13.312	0.5					T__				m_e	
KBA	3.04		Sg	20:13:43.729	-1.9					T__	2.8			m_e	
KBA	3.04		Pn	20:12:59.116	3.1					T__	40.7			m_e	ML 4.6
KTD	2.45		Pn	20:12:48.350	0.3					T__	7.0			m_e	
LDE	2.31		Pg	20:12:46.865	-5.7					T__	61.1			m_e	
MANZ	3.73		Pn	20:13:03.540	-1.7					T__				m_e	
METMA	0.90		Sg	20:12:38.045	0.2					T__	11.5			m_e	
METMA	0.90		Pg	20:12:25.706	-0.4					T__	2061.7			m_e	ML 4.4
MILB	2.91		Sg	20:13:41.502	-0.0					T__	3.2			m_e	
MILB	2.91		Sn	20:13:28.386	1.6					T__				m_e	
MILB	2.91		Pn	20:12:53.438	-0.8					T__	120.9			m_e	ML 5.4
MOA	3.76		Pn	20:13:06.913	1.3					T__				m_e	
MOX	4.13		Pn	20:13:08.772	-1.9					T__				m_e	
NORI	2.13		Pn	20:12:42.929	-0.8					T__	31.0			m_e	

OBER	1.06	Sg	20:12:44.261	1.4	T__	4.9	m_e		
OBER	1.06	Pg	20:12:28.206	-0.9	T__	846.7	m_e ML	4.2	
OBKA	3.90	Pn	20:13:10.448	2.8	T__		m_e		
PART	1.61	Sg	20:13:01.450	1.3	T__	5.8	m_e		
PART	1.61	Pn	20:12:38.108	1.4	T__	231.4	m_e ML	4.1	
PLN	4.16	Pn	20:13:08.858	-2.2	T__		m_e		
PLONS	0.35	Sg	20:12:19.144	-1.3	T__	11.2	m_e		
PLONS	0.35	Pg	20:12:14.508	-1.3	T__	3329.3	m_e ML	4.0	
RETH	5.82	Pn	20:13:33.988	0.5	T__		m_e		
RIVT	3.13	Pn	20:12:58.674	1.5	T__	60.4	m_e		
RJOB	2.77	Pn	20:12:54.309	2.0	T__	78.7	m_e		
ROTT	2.26	Pn	20:12:45.973	0.5	T__	108.0	m_e		
ROTZ	3.59	Pn	20:13:01.956	-1.5	T__	156.4	m_e		
SLE	0.88	Sg	20:12:37.285	0.1	T__	23.9	m_e		
SLE	0.88	Pg	20:12:25.436	-0.3	T__	3690.8	m_e ML	4.9	
STU	1.85	Sn	20:13:02.041	0.0	T__		m_e		
STU	1.85	Pn	20:12:39.504	-0.5	T__	43.0	m_e ML	4.8	
SULZ	0.81	Sg	20:12:35.635	0.8	T__	7.9	m_e		
SULZ	0.81	Pg	20:12:24.129	-0.3	T__	2025.9	m_e ML	4.7	
TANN	4.21	Sn	20:13:59.699	2.6	T__		m_e		
TANN	4.21	Pn	20:13:09.663	-2.1	T__		m_e		
TNS	3.31	Pn	20:12:59.857	0.2	T__	67.1	m_e		
UBR	1.11	Sg	20:12:45.593	1.2	T__	5.6	m_e		
UBR	1.11	Pg	20:12:29.607	-0.4	T__	2031.5	m_e ML	4.9	
WALHA	0.84	Sg	20:12:36.713	0.9	T__	15.6	m_e		
WALHA	0.84	Pg	20:12:24.655	-0.3	T__	1488.5	m_e ML	4.6	
WERD	4.18	Pn	20:13:09.120	-2.2	T__		m_e		
WERN	4.07	Pn	20:13:08.006	-1.9	T__		m_e		
WILA	0.49	Sg	20:12:25.677	0.9	T__	12.7	m_e		
WILA	0.49	Pg	20:12:18.084	-0.3	T__	1399.3	m_e ML	4.7	
WLF	3.30	Pn	20:13:01.415	2.0	T__	43.7	m_e		
WTTA	1.89	Sg	20:13:10.081	0.8	T__	9.1	m_e		
WTTA	1.89	Pn	20:12:43.246	2.7	T__	564.7	m_e ML	4.8	

Event 70307010 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/07	10:55:39.30			-22.8700	171.4000				30.0			31		145.83	151.24	m i ke	EMSC
	70307042																

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	70307016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.24		PKPbc	11:15:19.261	0.2	37.4		2.58		TAS				m_e	
BFO	151.24		PKPbc	11:15:28.959		37.4		2.58		TAS				m_e	

BFO	151.24	L	12:22:00.063							T__	424.8	19.80	a_e	Ms	5.2
BRG	147.00	PKPbc	11:15:18.923	-0.1	37.4	2.58				TAS			m_e		
BSEG	145.85	PKPbc	11:15:15.207	-0.3	37.4	2.58				TAS			m_e		
BSEG	145.85	L	12:21:19.278							T__	397.5	19.60	a_e	Ms	5.2
CLL	147.04	PKPbc	11:15:18.701	-0.2	37.4	2.58				TAS			m_e		
CLL	147.04	L	12:23:17.943							T__	539.6	20.70	a_e	Ms	5.3
CLZ	147.59	PKPbc	11:15:20.509	0.1	37.4	2.58				TAS			m_e		
FBE	147.21	PKPbc	11:15:19.751	0.3	37.4	2.58				TAS			a_e		
FLT1	146.88	PKPbc	11:15:18.134	-0.3	37.4	2.58				TAS			m_e		
FUR	150.20	L	12:22:14.047							T__	402.6	20.50	a_e	Ms	5.2
GEC2	148.63	PKPbc	11:15:23.401	0.2	37.4	2.58				TAS			a_e		
GEC2	148.63	L	12:21:46.311							T__	375.8	19.90	a_e	Ms	5.2
GOR1	146.31	PKPbc	11:15:16.441	-0.1	37.4	2.58				TAS			m_e		
GRA1	149.02	PKPbc	11:15:24.441	0.0	37.4	2.58				TAS			m_e		
GRA1	149.02	L	12:25:45.877							T__	637.6	19.30	a_e	Ms	5.4
GTTG	147.97	PKPbc	11:15:21.544	0.2	37.4	2.58				TAS			m_e		
GUNZ	148.05	PKPbc	11:15:22.026	0.1	37.4	2.58				TAS			m_e		
IBBN	148.04	PKPbc	11:15:21.531	0.3	37.4	2.58				TAS			m_e		
KAST	148.78	PKPbc	11:15:23.551	0.2	37.4	2.58				TAS			a_e		
MANZ	148.43	PKPbc	11:15:22.775	0.2	37.4	2.58				TAS			m_e		
MOX	148.11	PKPbc	11:15:21.811	-0.1	37.4	2.58				TAS			m_e		
MOX	148.11	L	12:25:06.241							T__	418.0	20.40	a_e	Ms	5.2
NEUB	147.61	PKPbc	11:15:20.562	0.3	37.4	2.58				TAS			m_e		
NRDL	147.13	PKPbc	11:15:18.976	0.3	37.4	2.58				TAS			m_e		
PLN	148.02	PKPbc	11:15:21.681	0.4	37.4	2.58				TAS			m_e		
RETH	147.17	PKPbc	11:15:18.956	-0.1	37.4	2.58				TAS			m_e		
RJOB	149.86	PKPbc	11:15:26.173	-0.7	37.4	2.58				TAS			m_e		
ROTZ	148.56	PKPbc	11:15:23.218	0.4	37.4	2.58				TAS			m_e		
RUE	145.83	PKPbc	11:15:15.451	-0.5	37.4	2.58				TAS			m_e		
STU	150.55	PKPbc	11:15:27.976		37.4	2.58				TAS			m_e		
TANN	147.96	PKPbc	11:15:21.698	0.2	37.4	2.58				TAS			m_e		
TNS	149.61	PKPbc	11:15:25.595	0.3	37.4	2.58				TAS			m_e		
TNS	149.61	L	12:20:23.166							T__	481.6	21.20	a_e	Ms	5.3
UBR	151.07	PKPbc	11:15:28.901		37.4	2.58				TAS			a_e		
WERD	147.99	PKPbc	11:15:21.637	0.4	37.4	2.58				TAS			m_e		
WERN	148.09	PKPbc	11:15:22.103	0.1	37.4	2.58				TAS			m_e		
WLF	150.84	PKPbc	11:15:28.938		37.4	2.58				TAS			m_e		

Event 70307011 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/07	16:08:19.19			42.5640	143.7820				33.0					75.94	81.34	m i ke	BGR
70307017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	70307017

Ms 5.3 BGR 70307017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	81.34		L	16:56:34.195						T__		1339.6	21.50	a_e Ms	5.3
BSEG	75.94		L	16:56:02.717						T__		2229.9	21.30	a_e Ms	5.4
CLL	77.19		L	16:56:25.977						T__		1976.5	21.00	a_e Ms	5.4
FUR	80.42		L	16:57:01.949						T__		1370.9	21.40	a_e Ms	5.3
GEC2	78.95		L	16:58:10.090						T__		1101.8	19.60	a_e Ms	5.2
GRA1	79.17		P	16:20:19.349		34.4		4.60		TAS		36.8	1.27	m_e mb	5.3
GRA1	79.17		L	16:57:04.585						T__		1497.9	19.90	a_e Ms	5.3
MOX	78.23		P	16:20:14.904		34.4		4.60		TAS		10.8	1.07	m_e mb	4.9
MOX	78.23		L	16:58:00.628						T__		1881.3	18.00	a_e Ms	5.5
TNS	79.69		L	16:57:54.083						T__		1784.9	20.50	a_e Ms	5.4

Event 70307012 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/07	19:51:54.47			39.6290	143.6990				33.0					79.72	83.90	m i ke	BGR
OrigID 70307018																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	70307018
Ms	4.2		BGR	70307018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	83.90		L	20:44:21.047						T__		91.3	18.40	a_e Ms	4.2
CLL	79.72		L	20:41:48.282						T__		164.2	18.00	a_e Ms	4.4
CLZ	80.24		P	20:04:01.105		35.9		4.40		TAS		10.7	1.06	m_e mb	4.7
FUR	82.93		L	20:44:13.042						T__		126.9	18.90	a_e Ms	4.3
GEC2	81.43		L	20:42:48.777						T__		88.1	20.50	a_e Ms	4.1
GRA1	81.70		P	20:04:08.288		35.9		4.40		TAS		14.1	1.00	m_e mb	5.0
GRA1	81.70		L	20:43:07.511						T__		78.5	20.80	a_e Ms	4.1
MOX	80.77		P	20:04:03.630		35.9		4.40		TAS		6.4	1.13	m_e mb	4.6
MOX	80.77		L	20:42:17.826						T__		145.3	18.10	a_e Ms	4.4
TNS	82.27		L	20:43:12.937						T__		131.1	20.00	a_e Ms	4.3

Event 70307013 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/07	21:34:57.63			52.3260	-170.0110				10.0					75.31	79.88	m i ke	BGR
OrigID 70307019																	

Magnitude	Err	Nsta	Author	OrigID
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mb 4.7 BGR 70307019
 Ms 4.0 BGR 70307019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLZ	76.21		P	21:46:44.718		359.6		4.97		TAS		5.5	0.68	m_e	mb 4.8
FUR	79.88		P	21:47:21.890		359.6		4.97		TAS				m_e	
GEC2	79.16		P	21:47:00.434		359.6		4.97		TAS		4.5	0.84	m_e	mb 4.5
GRA1	78.35		P	21:46:56.329		359.6		4.97		TAS		11.1	0.85	m_e	mb 5.0
GRA1	78.35		L	22:22:14.854						T__		60.3	18.90	a_e	Ms 3.9
GUNZ	77.67		P	21:46:52.382		359.6		4.97		TAS		3.2	0.76	m_e	mb 4.5
MOX	77.40		P	21:46:50.694		359.6		4.97		TAS		7.9	0.94	m_e	mb 4.8
MOX	77.40		L	22:25:32.485						T__		77.2	19.30	a_e	Ms 4.0
NRDL	75.55		P	21:46:40.121		359.6		4.97		TAS		3.9	0.78	m_e	mb 4.6
RETH	75.31		P	21:46:38.894		359.6		4.97		TAS		9.8	1.01	m_e	mb 4.8
WERN	77.74		P	21:46:53.060		359.6		4.97		TAS		7.4	0.87	m_e	mb 4.8

Event 70308014 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/08	01:33:16.12			47.6790	154.6760				33.0					76.05	78.00	m i ke	BGR
OrigID 70308020																	

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 70308020
 Ms 4.0 BGR 70308020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	76.05		P	01:44:57.654		25.4		5.05		TAS		16.0	1.17	m_e	mb 5.0
GRA1	78.00		P	01:45:09.676		25.4		5.05		TAS		9.0	0.66	m_e	mb 5.0
GRA1	78.00		L	02:21:11.370						T__		80.3	19.70	a_e	Ms 4.1
MOX	77.02		P	01:45:03.495		25.4		5.05		TAS		2.6	0.71	m_e	mb 4.5
MOX	77.02		L	02:23:00.361						T__		64.5	21.50	a_e	Ms 3.9

Event 70308015 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/08	07:54:46.05			35.1850	25.7490				10.0				1	15.83	19.61	m i ke	BGR
OrigID 70308021																	

Magnitude Err Nsta Author OrigID
 mb 4.3 BGR 70308021
 Ms 2.9 BGR 70308021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	18.42		P	07:59:01.007		138.4		11.60		TAS		12.6	0.57	m_e	mb 4.2
FUR	16.85		L	08:05:26.351						T__		71.5	18.00	a_e	Ms 2.9
GRA1	17.98		P	07:58:56.751		138.4		11.60		TAS		36.4	0.99	m_e	mb 4.5
GRA1	17.98		L	08:05:45.393						T__		55.5	19.30	a_e	Ms 2.8
MOX	18.55		L	08:06:58.668						T__		57.0	19.20	a_e	Ms 2.9
RJOB	15.83		L	08:05:07.248						T__		87.6	21.90	a_e	Ms 2.9
TNS	19.61		P	07:59:14.975		138.4		11.60		TAS		12.1	0.56	m_e	mb 4.3

Event 70309010 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/09	02:26:41.56			51.6110	179.0560				33.0					75.66	80.12	m i ke	BGR
OrigID 70309016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	70309016
Ms	4.0		BGR	70309016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	80.12		P	02:38:46.633		11.6		4.94		TAS		17.6	1.42	m_e	mb 4.8
BRG	77.12		P	02:38:28.468		11.6		4.94		TAS		17.1	1.64	m_e	mb 4.9
CLL	76.78		L	03:12:42.857						T__		97.9	21.40	a_e	Ms 4.1
GRA1	78.54		P	02:38:38.023		11.6		4.94		TAS		109.0	2.05	m_e	mb 5.5
GRA1	78.54		L	03:13:27.306						T__		88.1	20.10	a_e	Ms 4.1
IBBN	76.20		P	02:38:24.878		11.6		4.94		TAS		45.3	0.87	m_e	mb 5.6
MANZ	78.17		P	02:38:35.637		11.6		4.94		TAS		3.4	1.38	m_e	mb 4.3
MOX	77.57		L	03:13:19.414						T__		59.2	22.00	a_e	Ms 3.9
RETH	75.66		P	02:38:21.655		11.6		4.94		TAS		37.5	1.40	m_e	mb 5.3
WERN	77.85		P	02:38:34.127		11.6		4.94		TAS		64.5	2.07	m_e	mb 5.4

Event 70309011 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/09	02:50:17.52			46.0700	152.9430				33.0					77.04	81.03	m i ke	BGR
OrigID 70309017																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	70309017
Ms	3.9		BGR	70309017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	81.03		P	03:02:28.939		27.0		4.80		TAS		8.9	1.03	m_e	mb 4.7

CLL	77.04	P	03:02:05.715	27.0	4.80	TAS	14.4	0.98	m_e	mb	5.1
CLZ	77.29	P	03:02:08.783	27.0	4.80	TAS	14.3	0.96	m_e	mb	5.1
GEC2	79.02	P	03:02:16.049	27.0	4.80	TAS	5.6	1.24	m_e	mb	4.5
GRA1	78.99	P	03:02:16.607	27.0	4.80	TAS	17.6	1.19	m_e	mb	5.0
GRA1	78.99	L	03:37:55.752			T__	71.3	18.10	a_e	Ms	4.0
MOX	78.03	L	03:31:10.430			T__	44.6	20.80	a_e	Ms	3.8

Event 70309012 West of Macquarie Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/09	11:14:25.50			-60.2100	150.2900				10.0					152.88	157.64	m i ke	EMSC
70309044																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.8		BGR	70309018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	155.19		L	12:57:03.451						T__		1414.2	19.80	a_e	Ms	5.8
BSEG	157.64		L	12:54:36.361						T__		1777.0	20.90	a_e	Ms	5.9
CLL	154.79		L	12:44:46.546						T__		1228.9	21.40	a_e	Ms	5.7
FUR	153.63		L	13:02:33.168						T__		1325.0	20.10	a_e	Ms	5.7
GEC2	152.88		L	12:55:50.370						T__		1874.4	21.20	a_e	Ms	5.9
GRA1	154.67		PKPdf	11:34:31.803		130.1		2.56		TAS				m_e		
GRA1	154.67		L	12:56:01.736						T__		1498.9	19.60	a_e	Ms	5.8
MOX	155.07		L	13:00:08.763						T__		1450.2	19.00	a_e	Ms	5.8
TNS	156.38		L	12:57:16.187						T__		1353.1	21.20	a_e	Ms	5.7

Event 70310001 Pyrenees

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author		
2017/03/10	06:43:34.00	1.09	0.97	42.9590	-1.7860	40.0	13.3	126	2.0					11	342	8.18	10.28	m i ke	LDG
70310045																			

Magnitude	Err	Nsta	Author	OrigID
ML	4.6		BGR	70310007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	9.72		Sn	06:47:37.620	1.1					T__				m_e		
AHRW	9.72		Pn	06:45:52.400	0.6					T__				m_e		
BERGE	8.56		Pn	06:45:38.114	-0.3					T__				m_e	ML	4.6
BFO	8.89		Sn	06:47:21.238	0.6					T__				m_e		
BFO	8.89		Pn	06:45:42.895	0.2					T__				m_e	ML	4.5
ECH	8.18		Sn	06:47:02.436	-0.8					T__				m_e		

ECH	8.18	Pn	06:45:31.537	-1.1	T__	m_e	ML	4.7
EMING	8.96	Pn	06:45:45.079	1.0	T__	m_e		
METMA	8.52	Sn	06:47:12.942		T__	m_e		
METMA	8.52	Pn	06:45:36.961	-1.1	T__	m_e	ML	4.5
MILB	10.28	Sn	06:47:52.380	0.2	T__	m_e		
RIVT	8.97	Sn	06:47:18.578	-1.0	T__	m_e		
RIVT	8.97	Pn	06:45:42.168	0.1	T__	m_e		
TNS	10.11	Sn	06:47:48.934	1.7	T__	m_e		
WALHA	9.05	Pn	06:45:46.220	0.6	T__	m_e		
WLF	8.67	Sn	06:47:10.058	-1.8	T__	m_e	ML	4.9

Event 70310005 Caribbean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/10	13:46:47.86			12.1700	-68.6000				27.8	0.2		35		70.96	75.97	m i ke	BGR
70310011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	70310011
Ms	4.4		BGR	70310011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	71.60		P	13:58:06.461	-0.1	269.4		5.91		TAS		132.9	1.38	a_e	mb 5.9
AHRW	71.60		pP	13:58:14.400	-0.1	270.5		5.86		TAS				a_e	
ASSE	73.91		P	13:58:19.861	0.1	269.4		5.91		TAS		69.9	1.51	a_e	mb 5.6
ASSE	73.91		pP	13:58:27.800	0.2	270.5		5.86		TAS				a_e	
BFO	72.33		P	13:58:09.961	0.4	269.4		5.91		TAS		30.9	1.46	a_e	mb 5.2
BFO	72.33		pP	13:58:17.900	0.3	270.5		5.86		TAS				a_e	
BRG	75.97		P	13:58:31.561	-1.3	269.4		5.91		TAS		42.6	1.20	a_e	mb 5.3
BRG	75.97		pP	13:58:39.450	-0.1	270.5		5.86		TAS				a_e	
BSEG	73.74		P	13:58:18.311	-0.3	269.4		5.91		TAS		65.6	1.46	a_e	mb 5.6
BSEG	73.74		pP	13:58:26.200	0.3	270.5		5.86		TAS				a_e	
BUG	71.77		P	13:58:06.861	-0.3	269.4		5.91		TAS		92.6	1.22	a_e	mb 5.8
BUG	71.77		pP	13:58:14.750	-0.2	270.5		5.86		TAS				a_e	
CLL	75.36		P	13:58:27.911	-0.2	269.4		5.91		TAS		62.3	1.43	a_e	mb 5.4
CLL	75.36		pP	13:58:35.800	0.0	270.5		5.86		TAS				a_e	
CLZ	73.72		P	13:58:18.611	0.0	269.4		5.91		TAS		81.2	1.54	a_e	mb 5.6
CLZ	73.72		pP	13:58:26.550	-0.2	270.5		5.86		TAS				a_e	
FBE	75.59		P	13:58:29.611	-0.2	269.4		5.91		TAS		76.7	1.50	a_e	mb 5.5
FBE	75.59		pP	13:58:37.550	-1.2	270.5		5.86		TAS				a_e	
FLT1	74.26		P	13:58:21.161	0.2	269.4		5.91		TAS		56.8	1.26	a_e	mb 5.5
FLT1	74.26		pP	13:58:29.050	0.2	270.5		5.86		TAS				a_e	
FUR	74.30		P	13:58:22.061	0.6	269.4		5.91		TAS		77.3	1.39	a_e	mb 5.5
FUR	74.30		pP	13:58:30.000		270.5		5.86		TAS				a_e	
GEC2	75.89		P	13:58:31.061	-0.1	269.4		5.91		TAS		47.3	1.09	a_e	mb 5.4
GEC2	75.89		pP	13:58:38.950	-0.4	270.5		5.86		TAS				a_e	

GOR1	74.31	P	13:58:21.711	0.1	269.4	5.91	TAS	47.4	1.16	a_e	mb	5.4
GOR1	74.31	pP	13:58:29.600	0.3	270.5	5.86	TAS			a_e		
GRA1	74.25	P	13:58:21.761	-0.1	269.4	5.91	TAS	109.1	1.87	a_e	mb	5.6
GRA1	74.25	pP	13:58:29.750	-0.3	270.5	5.86	TAS			a_e		
GRA1	74.25	L	14:25:46.164				T__	198.9	22.00	a_e	Ms	4.4
GTTG	73.46	P	13:58:17.061	-0.2	269.4	5.91	TAS	62.6	1.28	a_e	mb	5.6
GTTG	73.46	pP	13:58:25.000	-0.2	270.5	5.86	TAS			a_e		
GUNZ	74.96	P	13:58:25.811	0.2	269.4	5.91	TAS	55.4	1.71	a_e	mb	5.3
GUNZ	74.96	pP	13:58:33.750	0.1	270.5	5.86	TAS			a_e		
IBBN	72.12	P	13:58:08.961	-0.6	269.4	5.91	TAS	70.1	0.96	a_e	mb	5.8
IBBN	72.12	pP	13:58:16.850	0.4	270.5	5.86	TAS			a_e		
KAST	72.48	P	13:58:11.011	-0.1	269.4	5.91	TAS	85.7	1.86	a_e	mb	5.6
KAST	72.48	pP	13:58:18.900	0.2	270.5	5.86	TAS			a_e		
MANZ	74.82	P	13:58:25.211	0.2	269.4	5.91	TAS	16.5	1.00	a_e	mb	5.0
MANZ	74.82	pP	13:58:33.100	0.0	270.5	5.86	TAS			a_e		
MOX	74.50	P	13:58:22.911	0.5	269.4	5.91	TAS	45.1	1.79	a_e	mb	5.2
MOX	74.50	pP	13:58:30.900	-0.1	270.5	5.86	TAS			a_e		
MOX	74.50	L	14:25:56.427				T__	273.9	21.50	a_e	Ms	4.5
NEUB	74.59	P	13:58:23.561	0.0	269.4	5.91	TAS	84.1	1.34	a_e	mb	5.6
NEUB	74.59	pP	13:58:31.500	-0.1	270.5	5.86	TAS			a_e		
NRDL	73.57	P	13:58:17.811	-0.6	269.4	5.91	TAS	91.2	1.38	a_e	mb	5.7
NRDL	73.57	pP	13:58:25.700	-0.1	270.5	5.86	TAS			a_e		
PLN	74.84	P	13:58:25.011	-0.1	269.4	5.91	TAS	33.3	1.19	a_e	mb	5.2
PLN	74.84	pP	13:58:32.900	0.1	270.5	5.86	TAS			a_e		
RETH	73.12	P	13:58:15.161	0.1	269.4	5.91	TAS	114.2	1.51	a_e	mb	5.8
RETH	73.12	pP	13:58:23.050	-0.3	270.5	5.86	TAS			a_e		
RGN	75.50	P	13:58:29.723	1.9	269.4	5.91	TAS	73.0	0.88	m_e	mb	5.7
ROTZ	74.89	P	13:58:25.511	0.2	269.4	5.91	TAS	23.8	1.95	m_e	mb	4.9
ROTZ	74.89	pP	13:58:33.450	0.2	270.5	5.86	TAS			a_e		
RUE	75.82	P	13:58:30.361	-0.2	269.4	5.91	TAS	44.8	0.96	a_e	mb	5.5
RUE	75.82	pP	13:58:38.300	-0.4	270.5	5.86	TAS			a_e		
STU	72.91	P	13:58:13.511	-0.1	269.4	5.91	TAS	154.1	1.09	a_e	mb	6.0
STU	72.91	pP	13:58:21.400	0.2	270.5	5.86	TAS			a_e		
TANN	75.04	P	13:58:26.311	0.0	269.4	5.91	TAS	63.4	1.44	a_e	mb	5.4
TANN	75.04	pP	13:58:34.250	0.3	270.5	5.86	TAS			m_e		
TNS	72.46	P	13:58:11.311	0.3	269.4	5.91	TAS	59.7	1.06	a_e	mb	5.7
TNS	72.46	pP	13:58:19.200	0.2	270.5	5.86	TAS			a_e		
UBBA	73.47	P	13:58:15.761	-0.2	269.4	5.91	TAS	62.4	1.73	a_e	mb	5.5
UBBA	73.47	pP	13:58:23.750	0.4	270.5	5.86	TAS			a_e		
UBR	73.51	P	13:58:17.611		269.4	5.91	TAS	30.3	1.25	a_e	mb	5.3
UBR	73.51	pP	13:58:25.550		270.5	5.86	TAS			a_e		
WERD	74.94	P	13:58:25.561	0.0	269.4	5.91	TAS	50.1	1.47	a_e	mb	5.3
WERD	74.94	pP	13:58:33.500	0.1	270.5	5.86	TAS			a_e		
WERN	74.99	P	13:58:26.161	0.2	269.4	5.91	TAS	44.5	1.35	a_e	mb	5.3
WERN	74.99	pP	13:58:34.100	0.2	270.5	5.86	TAS			a_e		
WLF	70.96	P	13:58:02.311	0.2	269.4	5.91	TAS	80.0	1.15	a_e	mb	5.7
WLF	70.96	pP	13:58:10.250	-0.2	270.5	5.86	TAS			a_e		

Event 70310006 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/10	15:53:43.24			29.2620	140.8890				33.0					89.57	89.57	m i ke	BGR
OrigID 70310012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	70310012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	89.57		P	16:06:36.414		47.5		4.21		TAS		6.5	0.92	m_e mb	4.8

Event 70310007 Norwegian Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/10	16:41:15.20			72.5960	3.5870				10.0				34	18.95	25.18	m i ke	BGR
OrigID 70310013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	70310013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	22.19		P	16:46:09.949	0.4	354.2		10.13		TAS		127.6	1.19	m_e mb	5.2
ASSE	20.77		P	16:45:54.504	-2.1	354.2		10.13		TAS		20.9	1.01	m_e mb	4.4
BFO	24.44		P	16:46:33.484	0.5	354.2		10.13		TAS		38.8	1.29	a_e mb	4.8
BRG	22.28		P	16:46:11.384	0.3	354.2		10.13		TAS		51.9	1.40	a_e mb	4.8
BSEG	18.95		P	16:45:39.296	1.1	354.2		10.13		TAS		29.8	1.03	m_e mb	4.5
BUG	21.29		P	16:46:00.584	-0.2	354.2		10.13		TAS		158.1	1.77	a_e mb	5.1
CLL	21.76		P	16:46:05.135	-1.1	354.2		10.13		TAS		133.1	1.80	m_e mb	5.1
CLZ	21.04		P	16:45:57.791	-1.5	354.2		10.13		TAS		133.1	1.32	m_e mb	5.1
FBE	22.18		P	16:46:10.684	0.3	354.2		10.13		TAS		41.6	0.85	a_e mb	4.9
FLT1	20.61		P	16:45:54.434	-0.5	354.2		10.13		TAS		73.0	1.53	a_e mb	4.8
FUR	24.76		P	16:46:36.634	-0.4	354.2		10.13		TAS		61.2	1.17	a_e mb	5.2
GEC2	24.27		P	16:46:31.909	0.4	354.2		10.13		TAS		50.3	1.11	m_e mb	5.0
GOR1	19.96		P	16:45:49.851	1.5	354.2		10.13		TAS		138.1	1.39	m_e mb	5.0
GRA1	23.24		P	16:46:21.916	0.3	354.2		10.13		TAS		60.8	1.15	m_e mb	5.0
GTTG	21.31		P	16:46:00.934	-1.1	354.2		10.13		TAS		122.5	1.14	a_e mb	5.1
GUNZ	22.65		P	16:46:15.884	0.4	354.2		10.13		TAS		83.0	1.36	a_e mb	5.1
IBBN	20.45		P	16:45:51.434	-1.1	354.2		10.13		TAS		161.8	1.64	a_e mb	5.0
KAST	21.58		P	16:46:04.084	-0.1	354.2		10.13		TAS		44.3	1.10	a_e mb	4.8
MANZ	23.01		P	16:46:19.234	0.1	354.2		10.13		TAS		5.9	1.15	a_e mb	4.0
MOX	22.32		P	16:46:12.584	0.4	354.2		10.13		TAS		110.5	1.44	m_e mb	5.1
NEUB	21.78		P	16:46:07.184	0.4	354.2		10.13		TAS		83.9	1.09	a_e mb	5.1
NRDL	20.37		P	16:45:52.684	0.1	354.2		10.13		TAS		103.9	1.35	a_e mb	4.9

PLN	22.51	P	16:46:14.434	0.3	354.2	10.13	TAS	78.5	1.27	a_e	mb	5.1
RETH	20.09	P	16:45:49.584	0.0	354.2	10.13	TAS	172.0	1.60	a_e	mb	5.0
ROTZ	23.23	P	16:46:21.284	-0.1	354.2	10.13	TAS	14.3	1.18	a_e	mb	4.4
RUE	20.67	P	16:45:55.354	0.6	354.2	10.13	TAS	44.6	0.92	m_e	mb	4.8
STU	24.04	P	16:46:28.984	-0.3	354.2	10.13	TAS	149.1	1.36	a_e	mb	5.3
TANN	22.61	P	16:46:15.484	0.5	354.2	10.13	TAS	68.8	1.21	a_e	mb	5.1
TNS	22.56	P	16:46:13.712	-0.4	354.2	10.13	TAS	40.9	1.31	m_e	mb	4.8
UBBA	22.04	P	16:46:08.784	-0.6	354.2	10.13	TAS	185.0	1.68	a_e	mb	5.2
UBR	25.18	P	16:46:39.734	-1.3	354.2	10.13	TAS	42.7	1.30	a_e	mb	5.0
WERD	22.56	P	16:46:14.934	0.3	354.2	10.13	TAS	59.2	1.18	a_e	mb	5.0
WERN	22.73	P	16:46:16.734	0.5	354.2	10.13	TAS	141.6	1.41	m_e	mb	5.3
WLF	23.04	P	16:46:19.834	2.5	354.2	10.13	TAS	81.5	1.71	a_e	mb	5.0

Event 70311003 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/11	12:53:35.12			22.4170	-45.1220				10.0			33		48.37	54.09	m i ke	BGR
OrigID 70311009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	70311009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	49.17	P		13:02:23.439	-0.3	259.4		7.49		TAS		22.3	1.04	m_e	mb	5.1
ARSA	54.09	P		13:02:59.051	0.2	259.4		7.49		TAS		10.1	1.17	m_e	mb	4.7
ASSE	51.74	P		13:02:42.515	-0.2	259.4		7.49		TAS		13.5	1.35	m_e	mb	4.7
BFO	49.45	P		13:02:24.602	0.2	259.4		7.49		TAS		17.6	1.07	m_e	mb	5.0
BRG	53.51	P		13:02:54.917	-0.3	259.4		7.49		TAS		7.7	1.16	m_e	mb	4.6
BSEG	51.96	P		13:02:43.914	0.8	259.4		7.49		TAS		27.0	1.16	m_e	mb	5.1
BUG	49.52	P		13:02:25.182	-0.6	259.4		7.49		TAS		39.8	1.78	m_e	mb	5.0
CLL	53.00	P		13:02:51.130	-0.1	259.4		7.49		TAS		7.9	1.07	m_e	mb	4.6
CLZ	51.50	P		13:02:40.147	-0.6	259.4		7.49		TAS		13.7	1.26	m_e	mb	4.7
DAVA	50.28	P		13:02:32.009	0.8	259.4		7.49		TAS		19.5	1.22	m_e	mb	4.9
FBE	53.15	P		13:02:52.794	-0.7	259.4		7.49		TAS		14.0	0.98	m_e	mb	4.9
FLT1	52.12	P		13:02:44.882	0.4	259.4		7.49		TAS		18.0	1.41	m_e	mb	4.8
GEC2	53.05	P		13:02:51.635	0.2	259.4		7.49		TAS		12.4	1.26	m_e	mb	4.7
GOR1	52.31	P		13:02:46.998	0.8	259.4		7.49		TAS		17.3	1.11	m_e	mb	4.9
GRA1	51.58	P		13:02:41.121	-0.6	259.4		7.49		TAS		6.5	0.67	m_e	mb	4.7
GTTG	51.18	P		13:02:37.475	-0.4	259.4		7.49		TAS		10.0	0.81	m_e	mb	4.8
IBBN	50.05	P		13:02:29.447	-0.2	259.4		7.49		TAS		13.1	1.10	m_e	mb	4.8
KAST	50.16	P		13:02:30.264	-0.1	259.4		7.49		TAS		11.6	1.44	m_e	mb	4.6
KBA	52.59	P		13:02:48.582		259.4		7.49		TAS		10.7	1.12	m_e	mb	4.7
MOA	53.30	P		13:02:54.044	-0.5	259.4		7.49		TAS		15.6	1.45	m_e	mb	4.7
MOX	52.01	P		13:02:44.143	-0.1	259.4		7.49		TAS		30.9	2.03	m_e	mb	4.9
NEUB	52.21	P		13:02:45.754	-0.1	259.4		7.49		TAS		12.8	1.11	m_e	mb	4.8
NRDL	51.49	P		13:02:40.451	0.3	259.4		7.49		TAS		22.8	1.27	m_e	mb	5.0

OBKA	53.35	P	13:02:54.663	259.4	7.49	TAS	25.0	1.28	m_e	mb	5.0
RETH	51.11	P	13:02:37.811	0.7 259.4	7.49	TAS	19.6	1.27	m_e	mb	4.9
RJOB	52.30	P	13:02:46.891	0.8 259.4	7.49	TAS	6.7	1.05	m_e	mb	4.5
ROTZ	52.23	P	13:02:45.650	-0.6 259.4	7.49	TAS	0.7	1.05	m_e	mb	3.5
RUE	53.68	P	13:02:56.610	-0.0 259.4	7.49	TAS	23.0	0.72	m_e	mb	5.3
STU	50.10	P	13:02:29.983	0.5 259.4	7.49	TAS	36.8	0.94	m_e	mb	5.3
TNS	49.94	P	13:02:28.618	-0.5 259.4	7.49	TAS	23.3	1.51	m_e	mb	4.9
UBR	50.50	P	13:02:33.136	0.4 259.4	7.49	TAS	28.8	1.17	m_e	mb	5.1
WERN	52.42	P	13:02:47.464	-0.4 259.4	7.49	TAS	14.0	1.22	m_e	mb	4.8
WLF	48.37	P	13:02:16.610	-0.1 259.4	7.49	TAS	17.6	1.09	m_e	mb	5.1
WTTA	51.46	P	13:02:40.425	259.4	7.49	TAS	11.8	1.05	m_e	mb	4.8

Event 70311004 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/11	17:10:38.59			-30.8900	-176.7400				33.0			36		156.41	162.43	m i ke	BGR
70311010																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	70311010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	160.16		PKPdf	17:30:36.572	0.1	28.8		1.21		TAS					m_e
AHRW	160.16		PKPab	17:31:14.972	-0.2	19.9		4.38		TAS					m_e
ASSE	158.09		PKPdf	17:30:34.095	0.8	28.8		1.21		TAS					m_e
ASSE	158.09		PKPab	17:31:05.707	0.5	19.9		4.38		TAS					m_e
BFO	162.16		PKPdf	17:30:38.003	-0.9	28.8		1.21		TAS					m_e
BFO	162.16		PKPab	17:31:23.412	0.6	19.9		4.38		TAS					m_e
BRG	158.51		PKPdf	17:30:33.341	-0.3	28.8		1.21		TAS					m_e
BRG	158.51		PKPab	17:31:07.294	-1.2	19.9		4.38		TAS					m_e
BSEG	156.41		PKPdf	17:30:31.438	-0.1	28.8		1.21		TAS					m_e
BSEG	156.41		PKPab	17:30:58.873	0.1	19.9		4.38		TAS					m_e
BUG	159.25		PKPdf	17:30:35.342	-0.2	28.8		1.21		TAS					m_e
BUG	159.25		PKPab	17:31:10.608	-0.3	19.9		4.38		TAS					m_e
CLL	158.36		PKPdf	17:30:33.785	-0.2	28.8		1.21		TAS					m_e
CLL	158.36		PKPab	17:31:06.435	-0.1	19.9		4.38		TAS					m_e
CLZ	158.42		PKPdf	17:30:33.532	-0.1	28.8		1.21		TAS					m_e
CLZ	158.42		PKPab	17:31:07.472	0.2	19.9		4.38		TAS					m_e
FBE	158.62		PKPdf	17:30:33.736	-1.6	28.8		1.21		TAS					m_e
FBE	158.62		PKPab	17:31:08.216	-0.2	19.9		4.38		TAS					m_e
FLT1	157.79		PKPdf	17:30:32.642	-0.5	28.8		1.21		TAS					m_e
FLT1	157.79		PKPab	17:31:03.770	0.2	19.9		4.38		TAS					m_e
FUR	161.69		PKPdf	17:30:38.121	0.1	28.8		1.21		TAS					m_e
FUR	161.69		PKPab	17:31:21.922	-0.1	19.9		4.38		TAS					m_e
GEC2	160.39		PKPdf	17:30:35.565	-0.5	28.8		1.21		TAS					m_e
GEC2	160.39		PKPab	17:31:15.596	-0.1	19.9		4.38		TAS					m_e

GOR1	157.15	PKPdf	17:30:32.369	0.3	28.8	1.21	TAS	m_e		
GOR1	157.15	PKPab	17:31:01.547	-0.0	19.9	4.38	TAS	m_e		
GRA1	160.28	PKPdf	17:30:36.628	0.3	28.8	1.21	TAS	m_e		
GRA1	160.28	PKPab	17:31:15.801	-0.4	19.9	4.38	TAS	m_e		
GRA1	160.28	L	18:54:52.984				T__		405.4	21.00 a_e Ms 5.2
GTTG	158.77	PKPdf	17:30:35.249	0.2	28.8	1.21	TAS	m_e		
GTTG	158.77	PKPab	17:31:08.752	-0.7	19.9	4.38	TAS	m_e		
GUNZ	159.39	PKPdf	17:30:34.945	-0.1	28.8	1.21	TAS	m_e		
GUNZ	159.39	PKPab	17:31:11.367	0.4	19.9	4.38	TAS	m_e		
HLG	156.48	PKPab	17:31:00.088	0.5	19.9	4.38	TAS	m_e		
IBBN	158.35	PKPdf	17:30:34.597	0.5	28.8	1.21	TAS	m_e		
IBBN	158.35	PKPab	17:31:07.313	-0.4	19.9	4.38	TAS	m_e		
KAST	159.35	PKPdf	17:30:35.137	-0.1	28.8	1.21	TAS	m_e		
KAST	159.35	PKPab	17:31:11.250	-0.3	19.9	4.38	TAS	m_e		
MANZ	159.80	PKPdf	17:30:35.088	0.3	28.8	1.21	TAS	m_e		
MANZ	159.80	PKPab	17:31:12.786	0.4	19.9	4.38	TAS	m_e		
MOX	159.30	PKPdf	17:30:34.509	-0.2	28.8	1.21	TAS	m_e		
MOX	159.30	PKPab	17:31:10.600	-0.2	19.9	4.38	TAS	m_e		
MOX	159.30	L	18:53:53.559				T__		441.2	21.80 a_e Ms 5.3
NEUB	158.75	PKPdf	17:30:34.000	-0.3	28.8	1.21	TAS	m_e		
NEUB	158.75	PKPab	17:31:08.087	0.3	19.9	4.38	TAS	m_e		
NRDL	157.84	PKPdf	17:30:33.634	0.2	28.8	1.21	TAS	m_e		
NRDL	157.84	PKPab	17:31:04.019	-0.3	19.9	4.38	TAS	m_e		
PLN	159.32	PKPdf	17:30:34.603	0.2	28.8	1.21	TAS	m_e		
PLN	159.32	PKPab	17:31:10.728	0.1	19.9	4.38	TAS	m_e		
RETH	157.72	PKPdf	17:30:33.314	0.4	28.8	1.21	TAS	m_e		
RETH	157.72	PKPab	17:31:04.102	-0.5	19.9	4.38	TAS	m_e		
RJOB	161.66	PKPdf	17:30:36.440		28.8	1.21	TAS	m_e		
RJOB	161.66	PKPab	17:31:21.393	0.5	19.9	4.38	TAS	m_e		
ROTZ	159.98	PKPdf	17:30:36.239	0.7	28.8	1.21	TAS	m_e		
ROTZ	159.98	PKPab	17:31:14.210	0.1	19.9	4.38	TAS	m_e		
RUE	157.09	PKPdf	17:30:32.442	-0.5	28.8	1.21	TAS	m_e		
RUE	157.09	PKPab	17:31:00.853	0.1	19.9	4.38	TAS	m_e		
STU	161.58	PKPdf	17:30:38.028	0.6	28.8	1.21	TAS	m_e		
STU	161.58	PKPab	17:31:20.659	0.0	19.9	4.38	TAS	m_e		
TANN	159.31	PKPdf	17:30:34.943	0.7	28.8	1.21	TAS	m_e		
TANN	159.31	PKPab	17:31:10.922	0.1	19.9	4.38	TAS	m_e		
TNS	160.30	PKPdf	17:30:36.294	0.7	28.8	1.21	TAS	m_e		
TNS	160.30	PKPab	17:31:15.214	-0.2	19.9	4.38	TAS	m_e		
UBBA	159.47	PKPdf	17:30:33.641	0.1	28.8	1.21	TAS	m_e		
UBBA	159.47	PKPab	17:31:10.348	-0.2	19.9	4.38	TAS	m_e		
UBR	162.43	PKPdf	17:30:38.623		28.8	1.21	TAS	m_e		
UBR	162.43	PKPab	17:31:24.955		19.9	4.38	TAS	m_e		
WERD	159.32	PKPdf	17:30:34.895	0.1	28.8	1.21	TAS	m_e		
WERD	159.32	PKPab	17:31:10.955	0.0	19.9	4.38	TAS	m_e		
WERN	159.45	PKPdf	17:30:35.613	-0.2	28.8	1.21	TAS	m_e		
WERN	159.45	PKPab	17:31:11.897	-0.2	19.9	4.38	TAS	m_e		
WLF	161.12	PKPdf	17:30:38.054	-0.3	28.8	1.21	TAS	m_e		
WLF	161.12	PKPab	17:31:19.690	0.7	19.9	4.38	TAS	m_e		

Event 70311005 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/11	18:48:44.87		31.6670	131.3360				151.4		1.2		38		78.97	85.54	m i ke	BGR
OrigID 70311011																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.1		BGR	70311011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.49		P	19:00:58.928	0.0	47.9		5.14		TAS		254.5	1.14	m_e mb	6.4
ASSE	81.76		P	19:00:44.668	0.1	47.9		5.14		TAS		79.4	1.24	m_e mb	5.7
BFO	85.46		P	19:01:03.130	0.1	47.9		5.14		TAS		180.5	1.31	m_e mb	6.1
BRG	81.05		P	19:00:40.861	-0.2	47.9		5.14		TAS		74.5	1.05	m_e mb	5.7
BSEG	80.71		P	19:00:39.199	-0.0	47.9		5.14		TAS		151.6	1.02	m_e mb	6.0
BUG	83.77		P	19:00:54.844	0.2	47.9		5.14		TAS		225.3	1.13	m_e mb	6.3
CHRS	82.05		pP	19:01:23.629	-0.0					T__				m_e	
CLL	81.22		P	19:00:41.643	-0.3	47.9		5.14		TAS		254.7	0.93	m_e mb	6.2
CLZ	82.09		P	19:00:46.953	0.1	47.9		5.14		TAS		308.5	1.06	m_e mb	6.4
CRUX	82.73		pP	19:01:27.242	-0.0					T__				m_e	
FBE	81.30		P	19:00:42.591	0.2	47.9		5.14		TAS		258.9	1.16	m_e mb	6.1
FLT1	81.37		P	19:00:42.245	-0.5	47.9		5.14		TAS		230.9	1.04	m_e mb	6.1
FUR	84.14		P	19:00:57.267	0.2	47.9		5.14		TAS		396.3	1.04	m_e mb	6.6
GEC2	82.48		P	19:00:48.129	0.4	47.9		5.14		TAS		71.3	1.05	m_e mb	5.7
GOR1	80.90		P	19:00:40.406	0.1	47.9		5.14		TAS		320.9	1.17	m_e mb	6.2
GRA1	83.14		P	19:00:52.421	0.2	47.9		5.14		TAS		461.4	1.13	m_e mb	6.6
GTTG	82.48		P	19:00:48.822	0.2	47.9		5.14		TAS		230.4	1.08	m_e mb	6.2
GUNZ	82.16		P	19:00:46.883	-0.1	47.9		5.14		TAS		336.2	1.81	m_e mb	6.2
IBBN	82.95		P	19:00:50.829	-1.1	47.9		5.14		TAS		314.5	1.14	m_e mb	6.4
KAST	83.42		P	19:00:53.459	0.2	47.9		5.14		TAS		167.4	1.10	m_e mb	6.2
KAST	83.42		pP	19:01:31.147	-0.0					T__				m_e	
MANZ	82.52		P	19:00:48.822	0.3	47.9		5.14		TAS		23.1	1.07	m_e mb	5.3
MOX	82.32		P	19:00:47.576	-0.3	47.9		5.14		TAS		92.8	1.15	m_e mb	5.8
MOX	82.32		pP	19:01:25.103	-0.0					T__				m_e	
NEUB	81.88		P	19:00:45.291	0.0	47.9		5.14		TAS		372.0	1.00	m_e mb	6.5
NRDL	81.77		P	19:00:44.876	-0.0	47.9		5.14		TAS		90.4	1.08	m_e mb	5.8
PLN	82.16		P	19:00:46.745	0.2	47.9		5.14		TAS		129.2	1.29	m_e mb	5.9
RETH	81.94		P	19:00:45.637	-0.1	47.9		5.14		TAS		165.2	1.02	m_e mb	6.1
RGN	78.97		P	19:00:30.033	-0.3	47.9		5.14		TAS		238.2	1.05	m_e mb	6.2
RJOB	83.66		P	19:00:54.706	-0.2	47.9		5.14		TAS		195.9	1.05	m_e mb	6.3
ROTZ	82.61		P	19:00:49.445	0.1	47.9		5.14		TAS		68.2	1.36	m_e mb	5.7
RUE	80.10		P	19:00:36.223	0.1	47.9		5.14		TAS		332.7	1.12	m_e mb	6.2
STU	84.74		P	19:01:00.105	-0.6	47.9		5.14		TAS		482.9	0.99	m_e mb	6.7
TANN	82.06		P	19:00:46.191	0.5	47.9		5.14		TAS		134.9	1.52	m_e mb	5.8
TANN	82.06		pP	19:01:23.938	-0.0					T__				m_e	

TNS	84.09	P	19:00:56.851	0.3	47.9	5.14	TAS	195.0	1.02	m_e	mb	6.3
UBBA	82.96	P	19:00:49.768	0.6	47.9	5.14	TAS	303.8	1.55	m_e	mb	6.3
UBR	85.05	P	19:01:01.074	-0.6	47.9	5.14	TAS	126.8	1.32	m_e	mb	6.0
UBR	85.05	pP	19:01:39.083	-0.0			T__				m_e	
WERD	82.12	P	19:00:46.676	0.1	47.9	5.14	TAS	157.0	1.41	m_e	mb	5.9
WERN	82.19	P	19:00:47.160	-0.0	47.9	5.14	TAS	107.3	1.07	m_e	mb	5.9
WLF	85.54	P	19:01:04.258		47.9	5.14	TAS	277.9	1.14	m_e	mb	6.3

Event 70311006 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
2017/03/11	19:57:51.06			38.0840	142.4300				51.0	1.3		36		77.92	85.03	m i ke	BGR
	70311012																

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	70311012
Ms	4.9		BGR	70311012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	83.41		P	20:10:10.876	0.2	36.7		5.22		TAS		47.4	1.21	a_e	mb	5.6
ASSE	80.81		P	20:09:57.166	-0.2	36.7		5.22		TAS		27.8	1.19	m_e	mb	5.2
BFO	84.78		P	20:10:17.576		36.7		5.22		TAS		69.3	0.96	a_e	mb	5.9
BFO	84.78		pP	20:10:32.354						T__					m_e	
BRG	80.56		P	20:09:55.876	-0.4	36.7		5.22		TAS		39.5	0.98	a_e	mb	5.4
BSEG	79.49		P	20:09:50.376	0.1	36.7		5.22		TAS		79.5	1.14	a_e	mb	5.6
BUG	82.60		P	20:10:06.376	0.1	36.7		5.22		TAS		38.2	1.00	a_e	mb	5.6
CLL	80.59		P	20:09:55.626	0.1	36.7		5.22		TAS		64.5	0.98	a_e	mb	5.6
CLZ	81.15		P	20:09:59.326	0.1	36.7		5.22		TAS		94.6	1.24	a_e	mb	5.7
DAVA	85.03		P	20:10:18.894		36.7		5.22		TAS					m_e	
FBE	80.75		P	20:09:57.076	0.1	36.7		5.22		TAS		89.2	1.20	a_e	mb	5.7
FLT1	80.44		P	20:09:54.776	-0.0	36.7		5.22		TAS		64.6	0.91	a_e	mb	5.5
FUR	83.77		P	20:10:12.776	-0.2	36.7		5.22		TAS		93.2	0.87	a_e	mb	6.0
GEC2	82.24		P	20:10:04.476	0.1	36.7		5.22		TAS		27.5	0.92	a_e	mb	5.4
GOR1	79.89		P	20:09:52.626	0.2	36.7		5.22		TAS		115.5	1.31	a_e	mb	5.6
GRA1	82.56		P	20:10:06.876	-0.1	36.7		5.22		TAS		93.3	1.07	a_e	mb	5.9
GRA1	82.56		L	20:51:21.218						T__		474.3	19.30	a_e	Ms	4.9
GTTG	81.54		P	20:10:01.076	0.1	36.7		5.22		TAS		64.2	1.09	a_e	mb	5.7
GUNZ	81.59		P	20:10:01.526	0.2	36.7		5.22		TAS		36.1	1.03	a_e	mb	5.4
IBBN	81.71		P	20:10:01.926	0.2	36.7		5.22		TAS		85.4	1.11	a_e	mb	5.8
IBBN	81.71		pP	20:10:16.838						T__					m_e	
KAST	82.39		P	20:10:05.526	0.5	36.7		5.22		TAS		34.7	1.12	a_e	mb	5.4
MANZ	81.98		P	20:10:03.526	-1.4	36.7		5.22		TAS		7.9	0.96	a_e	mb	4.8
MOA	82.79		P	20:10:07.616		36.7		5.22		TAS					m_e	
MOX	81.65		P	20:10:01.626	0.1	36.7		5.22		TAS		34.2	1.11	a_e	mb	5.4
MOX	81.65		L	20:50:51.612						T__		547.6	19.90	a_e	Ms	4.9
NEUB	81.15		P	20:09:58.776	0.3	36.7		5.22		TAS		89.8	1.10	a_e	mb	5.7

NRDL	80.72	P	20:09:56.876	0.2	36.7	5.22	TAS	36.6	1.06	a_e	mb	5.3
PLN	81.56	P	20:10:01.276	0.2	36.7	5.22	TAS	106.6	2.04	a_e	mb	5.6
RETH	80.79	P	20:09:57.176	-0.0	36.7	5.22	TAS	90.2	1.23	a_e	mb	5.7
RGN	77.92	P	20:09:41.926	-0.2	36.7	5.22	TAS	188.4	1.43	a_e	mb	6.0
RJOB	83.49	P	20:10:11.426	0.1	36.7	5.22	TAS	57.4	0.95	a_e	mb	5.8
ROTZ	82.12	P	20:10:04.426	-0.2	36.7	5.22	TAS	19.3	1.41	a_e	mb	5.0
RUE	79.37	P	20:09:49.576	-0.1	36.7	5.22	TAS	83.3	1.24	a_e	mb	5.6
STU	84.09	P	20:10:14.176	0.4	36.7	5.22	TAS	152.2	0.99	a_e	mb	6.2
TANN	81.50	P	20:10:00.926	0.1	36.7	5.22	TAS	66.4	1.83	m_e	mb	5.5
TANN	81.50	pP	20:10:15.314				T__			m_e		
TNS	83.18	P	20:10:09.676	0.1	36.7	5.22	TAS	29.7	1.04	a_e	mb	5.5
UBBA	82.12	P	20:10:02.676	0.4	36.7	5.22	TAS	33.9	1.40	a_e	mb	5.3
UBR	84.62	P	20:10:16.654	-0.4	36.7	5.22	TAS	31.3	1.26	m_e	mb	5.4
WERD	81.54	P	20:10:01.076	0.1	36.7	5.22	TAS	32.1	1.14	a_e	mb	5.3
WERN	81.64	P	20:10:01.776	0.0	36.7	5.22	TAS	37.5	1.00	a_e	mb	5.5
WLF	84.47	P	20:10:16.676	-0.5	36.7	5.22	TAS	70.7	1.37	a_e	mb	5.7
WTTA	84.34	P	20:10:15.459		36.7	5.22	TAS			m_e		

Event 70312002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/12	10:09:37.33			-22.6900	-179.1100				625.6	9.2		12		148.00	153.99	m i ke	BGR
70312008																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	151.78		PKPbc	10:28:22.309	0.1	18.3		2.29		TAS				m_e	
AHRW	151.78		pPKPbc	10:30:46.316		19.7		2.59		TAS				m_e	
ASSE	149.66		PKPbc	10:28:17.329	-0.1	18.3		2.29		TAS				m_e	
BFO	153.74		PKPbc	10:28:26.401	-0.4	18.3		2.29		TAS				m_e	
BFO	153.74		pPKPbc	10:30:49.403		19.7		2.59		TAS				m_e	
BRG	150.08		PKPbc	10:28:18.596	0.0	18.3		2.29		TAS				m_e	
BRG	150.08		pPKPbc	10:30:40.773	-0.8	19.7		2.59		TAS				m_e	
BSEG	148.00		PKPbc	10:28:13.215	-0.4	18.3		2.29		TAS				m_e	
BUG	150.88		PKPbc	10:28:19.960	-0.3	18.3		2.29		TAS				m_e	
CLL	149.92		PKPbc	10:28:18.065	-0.1	18.3		2.29		TAS				m_e	
CLL	149.92		pPKPbc	10:30:39.538	0.1	19.7		2.59		TAS				m_e	
CLZ	149.99		PKPbc	10:28:18.596	0.4	18.3		2.29		TAS				m_e	
FBE	150.19		PKPbc	10:28:19.278	0.5	18.3		2.29		TAS				m_e	
FLT1	149.36		PKPbc	10:28:16.322	-0.4	18.3		2.29		TAS				m_e	
FLT1	149.36		pPKPbc	10:30:37.141	0.4	19.7		2.59		TAS				m_e	
FUR	153.26		PKPbc	10:28:25.492	-0.6	18.3		2.29		TAS				m_e	
GEC2	151.99		PKPbc	10:28:22.991	0.5	18.3		2.29		TAS				m_e	
GOR1	148.72		PKPbc	10:28:15.262	0.0	18.3		2.29		TAS				m_e	
GRA1	151.85		PKPbc	10:28:22.839	-0.1	18.3		2.29		TAS				m_e	

GTTG	150.35	PKPbc	10:28:19.126	0.1	18.3	2.29	TAS	m_e
GTTG	150.35	pPKPbc	10:30:41.832		19.7	2.59	TAS	m_e
GUNZ	150.96	PKPbc	10:28:20.718	0.2	18.3	2.29	TAS	m_e
IBBN	149.96	PKPbc	10:28:18.141	-0.1	18.3	2.29	TAS	m_e
IBBN	149.96	pPKPbc	10:30:40.172	0.6	19.7	2.59	TAS	m_e
KAST	150.94	PKPbc	10:28:20.490	0.1	18.3	2.29	TAS	m_e
MANZ	151.36	PKPbc	10:28:21.728	0.1	18.3	2.29	TAS	m_e
MOX	150.87	PKPbc	10:28:20.263	0.0	18.3	2.29	TAS	m_e
MOX	150.87	pPKPbc	10:30:44.017		19.7	2.59	TAS	m_e
NEUB	150.31	PKPbc	10:28:19.126	0.2	18.3	2.29	TAS	m_e
NEUB	150.31	pPKPbc	10:30:42.029		19.7	2.59	TAS	m_e
NRDL	149.41	PKPbc	10:28:16.701	-0.1	18.3	2.29	TAS	m_e
PLN	150.89	PKPbc	10:28:20.339	0.0	18.3	2.29	TAS	m_e
RETH	149.31	PKPbc	10:28:16.550	-0.1	18.3	2.29	TAS	m_e
RJOB	153.25	PKPbc	10:28:25.340	-0.3	18.3	2.29	TAS	m_e
ROTZ	151.54	PKPbc	10:28:21.930	-0.1	18.3	2.29	TAS	m_e
RUE	148.66	PKPbc	10:28:14.731	-0.5	18.3	2.29	TAS	m_e
STU	153.15	PKPbc	10:28:25.492	-0.3	18.3	2.29	TAS	m_e
TANN	150.88	PKPbc	10:28:20.415	0.1	18.3	2.29	TAS	m_e
TNS	151.89	PKPbc	10:28:22.688	0.4	18.3	2.29	TAS	m_e
UBR	153.99	PKPbc	10:28:27.007		18.3	2.29	TAS	m_e
UBR	153.99	pPKPbc	10:30:50.215		19.7	2.59	TAS	m_e
WERD	150.89	PKPbc	10:28:20.490	0.2	18.3	2.29	TAS	m_e
WERD	150.89	pPKPbc	10:30:43.403		19.7	2.59	TAS	m_e
WERN	151.02	PKPbc	10:28:21.172	0.3	18.3	2.29	TAS	m_e
WERN	151.02	pPKPbc	10:30:43.235		19.7	2.59	TAS	m_e
WLF	152.76	PKPbc	10:28:25.189	0.1	18.3	2.29	TAS	m_e

Event 70313001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/13	01:31:56.20	0.66	0.81	43.7530	16.9100	14.5	7.8	82	10.0			19	312	3.22	8.23	m i ke	INGV
70313091																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	70313007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	3.63		Sg	01:33:33.188	-0.9					T__				m_e	
ARSA	3.63		Pn	01:32:51.751	-1.1					T__				m_e	ML 3.6
BBWF	8.23		Pn	01:33:54.326	-0.8					T__				m_e	
BFO	7.52		Pn	01:33:44.229	-2.0					T__				m_e	
DAVA	6.07		Pn	01:33:27.307	0.6					T__				m_e	ML 4.2
FUR	5.90		Pn	01:33:23.300	-0.1					T__				m_e	ML 4.4
GEC2	5.56		Pn	01:33:18.470	-0.2					T__				m_e	ML 3.8
GRA1	7.11		Pn	01:33:40.550	0.8					T__				m_e	ML 4.4

KBA	4.17	Sg	01:33:48.691	-0.2	T__	m_e	
KBA	4.17	Pn	01:33:00.288	0.9	T__	m_e ML	3.8
MANZ	7.05	Pn	01:33:38.866	-0.1	T__	m_e ML	4.1
MOA	4.49	Sg	01:34:00.307	0.8	T__	m_e	
MOA	4.49	Pn	01:33:04.454	0.4	T__	m_e ML	3.9
MOX	7.78	Pn	01:33:48.731	-0.3	T__	m_e	
OBKA	3.22	Pn	01:32:46.967		T__	m_e ML	4.2
RJOB	4.92	Pn	01:33:10.853	1.2	T__	m_e ML	3.8
ROTZ	6.83	Pn	01:33:35.391	-0.6	T__	m_e ML	4.1
TANN	7.32	Pn	01:33:42.933	0.1	T__	m_e	
TRIB	7.36	Pn	01:33:44.214	0.9	T__	m_e	
UBR	6.17	Pn	01:33:26.690	-0.9	T__	m_e ML	4.5
WERN	7.23	Pn	01:33:42.590	1.0	T__	m_e	
WTTA	5.10	Pn	01:33:12.726	0.0	T__	m_e ML	4.3

Event 70313009 Myanmar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/13	14:19:06.70			17.3000	96.0600				10.0			27		71.84	76.96	m i ke	NEIC
OrigID 70313048																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	70313015
Ms	4.9		BGR	70313015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.21		P	14:30:57.536		82.4		6.06		TAS		19.1	1.42	m_e mb	5.0
ASSE	73.73		P	14:30:42.270	0.3	82.4		6.06		TAS		14.1	1.34	m_e mb	4.8
BFO	75.80		P	14:30:55.103		82.4		6.06		TAS		24.0	1.75	m_e mb	5.0
BRG	71.84		P	14:30:31.138	0.1	82.4		6.06		TAS		10.2	0.89	m_e mb	5.0
BSEG	73.72		P	14:30:43.253	0.8	82.4		6.06		TAS		15.9	0.97	m_e mb	5.0
BUG	75.93		P	14:30:55.631		82.4		6.06		TAS		12.6	0.91	m_e mb	5.0
CLL	72.39		P	14:30:33.512	0.4	82.4		6.06		TAS		13.7	1.36	m_e mb	4.9
CLZ	73.96		P	14:30:43.700	-0.1	82.4		6.06		TAS		36.7	1.73	m_e mb	5.1
FBE	72.21		P	14:30:32.252	-0.1	82.4		6.06		TAS		22.8	0.97	m_e mb	5.3
FLT1	73.37		P	14:30:40.138	-0.5	82.4		6.06		TAS		27.3	1.78	m_e mb	5.1
GEC2	72.19		P	14:30:33.683	-1.2	82.4		6.06		TAS		41.4	1.84	m_e mb	5.3
GOR1	73.25		P	14:30:39.475	0.6	82.4		6.06		TAS		57.3	1.37	m_e mb	5.5
GRA1	73.71		P	14:30:43.261	-0.4	82.4		6.06		TAS		54.3	1.65	m_e mb	5.3
GRA1	73.71		L	15:07:44.113						T__		974.3	18.60	a_e Ms	5.1
GTTG	74.25		P	14:30:46.204	-0.5	82.4		6.06		TAS		9.7	0.49	m_e mb	5.1
GUNZ	72.91		P	14:30:37.458	0.4	82.4		6.06		TAS		41.4	1.85	m_e mb	5.2
MANZ	73.10		P	14:30:39.431	0.3	82.4		6.06		TAS		5.0	1.39	m_e mb	4.5
MOX	73.33		P	14:30:40.707	0.8	82.4		6.06		TAS		11.5	1.04	m_e mb	4.9
MOX	73.33		L	15:08:21.457						T__		496.3	20.80	a_e Ms	4.8
NEUB	73.17		P	14:30:40.341	-0.4	82.4		6.06		TAS		35.2	1.54	m_e mb	5.3

NRDL	74.03	P	14:30:45.306	-0.3	82.4	6.06	TAS	58.2	1.77	m_e	mb	5.3
PLN	73.01	P	14:30:38.837	0.9	82.4	6.06	TAS	36.7	2.00	m_e	mb	5.2
RETH	74.45	P	14:30:47.303	-0.3	82.4	6.06	TAS	33.3	1.84	m_e	mb	5.1
ROTZ	73.06	P	14:30:39.441	-0.3	82.4	6.06	TAS	5.8	1.19	m_e	mb	4.6
TANN	72.83	P	14:30:37.209	-0.4	82.4	6.06	TAS	9.9	1.11	m_e	mb	4.9
TNS	75.40	P	14:30:52.873		82.4	6.06	TAS	9.1	0.88	m_e	mb	4.8
WERD	72.92	P	14:30:38.297	0.6	82.4	6.06	TAS	12.3	1.09	m_e	mb	5.0
WERN	72.89	P	14:30:38.211	0.4	82.4	6.06	TAS	13.1	1.27	m_e	mb	4.9
WLF	76.96	P	14:31:02.315		82.4	6.06	TAS	42.9	1.60	m_e	mb	5.3

Event 70314002 Nicobar Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/14	02:51:15.99			6.5600	92.8100				25.5	0.8		35		80.03	82.27	m i ke	BGR
70314008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	70314008
Ms	5.7		BGR	70314008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	82.27		P	03:03:37.636	0.2	92.7		5.37		TAS		83.5	1.33	a_e	mb	5.7
AHRW	82.27		pP	03:03:44.960		92.6		5.35		TAS				a_e		
AHRW	82.27		sP	03:03:49.650	0.2	92.6		5.36		TAS				a_e		
ASSE	80.03		P	03:03:25.136	-0.3	92.7		5.37		TAS		47.2	1.18	m_e	mb	5.3
ASSE	80.03		pP	03:03:32.510	0.0	92.6		5.35		TAS				a_e		
ASSE	80.03		sP	03:03:37.200	-0.0	92.6		5.36		TAS				a_e		
BFO			P	03:03:32.686	-0.4	92.7		5.37		TAS		74.4	1.28	a_e	mb	5.6
BFO			pP	03:03:40.060	0.1	92.6		5.35		TAS				a_e		
BFO			sP	03:03:44.750	0.0	92.6		5.36		TAS				a_e		
BRG			P	03:03:14.136	0.1	92.7		5.37		TAS		107.3	1.24	m_e	mb	5.8
BRG			pP	03:03:21.560	0.1	92.6		5.35		TAS				a_e		
BRG			sP	03:03:26.200	0.0	92.6		5.36		TAS		107.3	1.24	a_e		
BSEG			P	03:03:27.086	0.1	92.7		5.37		TAS		133.9	1.27	a_e	mb	5.7
BSEG			pP	03:03:34.560	0.5	92.6		5.35		TAS				a_e		
BSEG			sP	03:03:39.250	0.5	92.6		5.36		TAS				a_e		
BUG			P	03:03:36.586	-0.2	92.7		5.37		TAS		73.6	1.04	a_e	mb	5.8
BUG			pP	03:03:43.960	0.2	92.6		5.35		TAS				a_e		
BUG			sP	03:03:48.650	0.2	92.6		5.36		TAS				a_e		
CLL			P	03:03:17.036	-0.4	92.7		5.37		TAS		75.8	1.22	a_e	mb	5.6
CLL			pP	03:03:24.410	0.0	92.6		5.35		TAS				m_e		
CLL			sP	03:03:29.100	0.1	92.6		5.36		TAS				a_e		
CLZ			P	03:03:26.386	0.0	92.7		5.37		TAS		104.5	0.83	a_e	mb	5.8
CLZ			pP	03:03:33.760	-0.3	92.6		5.35		TAS				a_e		
CLZ			sP	03:03:38.450	-0.4	92.6		5.36		TAS				a_e		
FBE			P	03:03:16.386	0.3	92.7		5.37		TAS		218.3	1.31	a_e	mb	6.1

FBE	pP	03:03:23.760	0.2	92.6	5.35	TAS			a_e		
FBE	sP	03:03:28.450	0.3	92.6	5.36	TAS	218.3	1.31	a_e		
FLT1	P	03:03:22.736	-0.9	92.7	5.37	TAS	39.7	1.21	a_e mb	5.2	
FLT1	pP	03:03:30.110	-0.3	92.6	5.35	TAS			a_e		
FLT1	sP	03:03:34.750	-0.3	92.6	5.36	TAS			a_e		
FUR	P	03:03:22.236	-0.2	92.7	5.37	TAS	161.8	1.33	a_e mb	5.8	
FUR	pP	03:03:29.560	0.5	92.6	5.35	TAS			a_e		
FUR	sP	03:03:34.250	0.5	92.6	5.36	TAS			a_e		
GEC2	P	03:03:14.136	0.1	92.7	5.37	TAS	204.4	1.33	a_e mb	6.1	
GEC2	pP	03:03:21.510	0.0	92.6	5.35	TAS			a_e		
GEC2	sP	03:03:26.200	0.0	92.6	5.36	TAS	204.4	1.33	a_e		
GOR1	P	03:03:23.436	-0.1	92.7	5.37	TAS	122.2	1.37	a_e mb	5.6	
GOR1	pP	03:03:30.910	-0.9	92.6	5.35	TAS			a_e		
GOR1	sP	03:03:35.550	-0.9	92.6	5.36	TAS			a_e		
GRA1	P	03:03:23.586	0.6	92.7	5.37	TAS	174.9	1.25	a_e mb	5.8	
GRA1	pP	03:03:30.910	-0.0	92.6	5.35	TAS			a_e		
GRA1	sP	03:03:35.650	-0.1	92.6	5.36	TAS			a_e		
GRA1	L	03:43:44.915				T__	3316.5	19.00	a_e Ms	5.7	
GTTG	P	03:03:27.686	-0.0	92.7	5.37	TAS	111.1	1.27	a_e mb	5.6	
GTTG	pP	03:03:35.060	0.0	92.6	5.35	TAS			a_e		
GTTG	sP	03:03:39.800	0.0	92.6	5.36	TAS			a_e		
GUNZ	P	03:03:19.536	0.2	92.7	5.37	TAS	108.9	1.27	a_e mb	5.7	
GUNZ	pP	03:03:26.910	-0.0	92.6	5.35	TAS			a_e		
GUNZ	sP	03:03:31.600	-0.0	92.6	5.36	TAS			a_e		
HLG	P	03:03:34.686	0.0	92.7	5.37	TAS	257.9	1.44	a_e mb	6.2	
HLG	sP	03:03:46.735	0.1	92.6	5.36	TAS			m_e		
IBBN	P	03:03:35.086	-0.0	92.7	5.37	TAS	38.4	1.00	a_e mb	5.5	
IBBN	pP	03:03:42.510	0.2	92.6	5.35	TAS			a_e		
IBBN	sP	03:03:47.200	-0.1	92.6	5.36	TAS			a_e		
KAST	P	03:03:32.836	-0.0	92.7	5.37	TAS	52.7	1.14	a_e mb	5.5	
KAST	pP	03:03:40.210	-0.3	92.6	5.35	TAS			a_e		
KAST	sP	03:03:44.900	-0.4	92.6	5.36	TAS			a_e		
MANZ	P	03:03:20.636	0.6	92.7	5.37	TAS	50.5	1.31	a_e mb	5.4	
MANZ	pP	03:03:27.960	-0.3	92.6	5.35	TAS			a_e		
MANZ	sP	03:03:32.650	-0.3	92.6	5.36	TAS			a_e		
MOX	P	03:03:21.986	0.1	92.7	5.37	TAS	124.7	1.44	a_e mb	5.7	
MOX	pP	03:03:29.360	-0.3	92.6	5.35	TAS			a_e		
MOX	sP	03:03:34.050	-0.3	92.6	5.36	TAS			a_e		
MOX	L	03:45:55.105				T__	3067.9	18.40	a_e Ms	5.7	
NEUB	P	03:03:21.286	-0.2	92.7	5.37	TAS	154.8	1.35	a_e mb	5.9	
NEUB	pP	03:03:28.660	0.0	92.6	5.35	TAS			a_e		
NEUB	sP	03:03:33.350	0.0	92.6	5.36	TAS			a_e		
NRDL	P	03:03:27.786	0.4	92.7	5.37	TAS	119.7	1.35	a_e mb	5.6	
NRDL	pP	03:03:35.210	-0.0	92.6	5.35	TAS			a_e		
NRDL	sP	03:03:39.900	0.0	92.6	5.36	TAS			a_e		
PLN	P	03:03:20.036	0.0	92.7	5.37	TAS	86.7	1.41	a_e mb	5.6	
PLN	pP	03:03:27.410	0.5	92.6	5.35	TAS			a_e		
PLN	sP	03:03:32.100	0.5	92.6	5.36	TAS			a_e		
RETH	P	03:03:29.836	-0.0	92.7	5.37	TAS	85.9	1.34	a_e mb	5.6	

Station	Type	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
RETH	pP	03:03:37.260	-0.1	92.6				5.35											
RETH	sP	03:03:41.950	0.1	92.6				5.36											
RGN	P	03:03:17.736	0.1	92.7				5.37			106.4	1.04			a_e mb		5.8		
RGN	pP	03:03:25.110	0.1	92.6				5.35											
RGN	sP	03:03:29.800	0.0	92.6				5.36											
RJOB	P	03:03:16.236	-0.6	92.7				5.37			75.6	0.96			a_e mb		5.8		
ROTZ	P	03:03:20.086	0.5	92.7				5.37			33.5	1.28			a_e mb		5.2		
ROTZ	pP	03:03:27.460	-0.0	92.6				5.35											
ROTZ	sP	03:03:32.150	-0.0	92.6				5.36											
RUE	P	03:03:15.086	-0.2	92.7				5.37			287.1	1.39			a_e mb		6.2		
RUE	pP	03:03:22.510	-0.2	92.6				5.35											
RUE	sP	03:03:27.200	-0.2	92.6				5.36			287.1	1.39			a_e				
STU	P	03:03:30.131	0.1	92.7				5.37			130.5	1.15			m_e mb		5.9		
STU	pP	03:03:37.260	0.1	92.6				5.35											
STU	sP	03:03:42.175	0.1	92.6				5.36											
TANN	P	03:03:18.986	0.0	92.7				5.37			64.4	1.19			a_e mb		5.5		
TANN	pP	03:03:26.410	0.2	92.6				5.35											
TANN	sP	03:03:31.050	0.2	92.6				5.36											
TNS	P	03:03:32.836	0.1	92.7				5.37			102.7	1.37			m_e mb		5.7		
TNS	pP	03:03:40.160	-0.0	92.6				5.35											
TNS	sP	03:03:44.850	-0.0	92.6				5.36											
UBR	P	03:03:26.286	-0.3	92.7				5.37			147.9	1.00			a_e mb		5.9		
UBR	pP	03:03:33.660	0.2	92.6				5.35											
UBR	sP	03:03:38.300	0.2	92.6				5.36											
WERD	P	03:03:19.486	0.0	92.7				5.37			89.1	1.23			a_e mb		5.7		
WERD	pP	03:03:26.860	0.4	92.6				5.35											
WERD	sP	03:03:31.550	0.4	92.6				5.36											
WERN	P	03:03:19.436	0.2	92.7				5.37			81.6	1.27			a_e mb		5.6		
WERN	pP	03:03:26.810	0.1	92.6				5.35											
WERN	sP	03:03:31.500	0.1	92.6				5.36											
WLF	P	03:03:40.886	0.2	92.7				5.37			85.2	1.02			a_e mb		5.9		
WLF	pP	03:03:48.210		92.6				5.35											
WLF	sP	03:03:52.950		92.6				5.36											

Event 70314003 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/14	03:56:57.38			43.8600	141.3100				102.9				31				m i ke BGR
	70314009																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	70314009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW			P	04:08:44.042	0.9	34.6		5.65		TAS				m_e	
ASSE			P	04:08:29.387	-0.1	34.6		5.65		TAS		7.8	0.86	m_e mb	4.8

BFO	P	04:08:51.150		34.6	5.65	TAS							m_e	
BRG	P	04:08:28.256	0.0	34.6	5.65	TAS	5.6	0.69	m_e	mb			4.7	
BSEG	P	04:08:21.766	-0.4	34.6	5.65	TAS	20.4	0.76	m_e	mb			5.2	
BUG	P	04:08:39.007	0.3	34.6	5.65	TAS							m_e	
CLL	P	04:08:28.174	0.1	34.6	5.65	TAS	25.0	1.07	m_e	mb			5.2	
CLZ	P	04:08:31.485	0.0	34.6	5.65	TAS	47.8	1.57	m_e	mb			5.4	
FBE	P	04:08:29.581	0.0	34.6	5.65	TAS	12.8	0.72	m_e	mb			5.1	
FLT1	P	04:08:26.925	-0.2	34.6	5.65	TAS	24.7	0.80	m_e	mb			5.3	
FUR	P	04:08:46.802		34.6	5.65	TAS							m_e	
GEC2	P	04:08:38.357	0.2	34.6	5.65	TAS							m_e	
GRA1	P	04:08:39.847	0.2	34.6	5.65	TAS							m_e	
GRA1	pP	04:09:06.171				T__							m_e	
GTTG	P	04:08:33.390	0.0	34.6	5.65	TAS	16.1	0.84	m_e	mb			5.2	
GUNZ	P	04:08:34.383	0.1	34.6	5.65	TAS							m_e	
IBBN	P	04:08:34.034	-0.1	34.6	5.65	TAS							m_e	
KAST	P	04:08:37.943	-0.2	34.6	5.65	TAS							m_e	
MANZ	P	04:08:36.287	-0.1	34.6	5.65	TAS							m_e	
MOX	P	04:08:34.300	-0.2	34.6	5.65	TAS							m_e	
NEUB	P	04:08:31.332	-0.0	34.6	5.65	TAS	20.0	0.91	m_e	mb			5.2	
PLN	P	04:08:33.969	0.2	34.6	5.65	TAS							m_e	
RETH	P	04:08:28.826	-0.2	34.6	5.65	TAS	11.9	0.60	m_e	mb			5.1	
RGN	P	04:08:13.141	0.2	34.6	5.65	TAS	90.8	1.42	m_e	mb			5.7	
RJOB	P	04:08:45.560	-0.8	34.6	5.65	TAS							m_e	
ROTZ	P	04:08:37.271	0.2	34.6	5.65	TAS							m_e	
STU	P	04:08:47.843		34.6	5.65	TAS							m_e	
TANN	P	04:08:33.725	0.2	34.6	5.65	TAS							m_e	
TNS	P	04:08:42.512	-0.3	34.6	5.65	TAS							m_e	
WERD	P	04:08:33.886	-0.1	34.6	5.65	TAS	4.5	0.75	m_e	mb			4.7	
WERN	P	04:08:34.631	0.2	34.6	5.65	TAS							m_e	
WLF	P	04:08:50.670		34.6	5.65	TAS							m_e	

Event 70314004 Minahassa Peninsula, Sulawesi, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/14	05:55:21.80		0.6130	121.2170					79.0							m i ke	NEIC
70314043																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1			Pdiff	06:09:06.953		74.1		3.58		TAS					m_e
GRA1			pPdiff	06:09:29.136		74.1		3.58		TAS					m_e
GRA1			PP	06:13:23.769		77.4		6.44		TAS					m_e

Event 70314006 Southern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/14	11:07:10.53			39.0600	74.0400				33.0			29					m i ke BGR
OrigID																	
70314012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	70314012
Ms	4.5		BGR	70314012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW			P	11:15:41.298		80.1		7.91		TAS		14.4	0.91	m_e	mb	5.1
BFO			P	11:15:38.770		80.1		7.91		TAS		15.1	1.08	m_e	mb	5.0
BRG			P	11:15:07.183	0.6	80.1		7.91		TAS		27.3	1.39	m_e	mb	4.8
BSEG			P	11:15:21.282	0.6	80.1		7.91		TAS		28.8	0.77	m_e	mb	5.3
CLL			P	11:15:10.387	-0.3	80.1		7.91		TAS		11.3	0.81	m_e	mb	4.6
CLZ			P	11:15:23.049	-0.0	80.1		7.91		TAS		7.6	0.78	m_e	mb	4.7
FBE			P	11:15:09.574	0.4	80.1		7.91		TAS		14.9	0.68	m_e	mb	4.8
FLT1			P	11:15:17.793	0.8	80.1		7.91		TAS		23.1	0.73	m_e	mb	5.0
GEC2			P	11:15:10.886	-0.8	80.1		7.91		TAS		15.2	0.90	m_e	mb	4.7
GOR1			P	11:15:17.485	-0.2	80.1		7.91		TAS		16.0	0.75	m_e	mb	4.8
GRA1			P	11:15:22.706	0.2	80.1		7.91		TAS		29.4	1.00	m_e	mb	5.2
GRA1			L	11:34:52.663						T__		647.4	19.20	a_e	Ms	4.6
GTTG			P	11:15:25.697	0.1	80.1		7.91		TAS		33.5	0.83	m_e	mb	5.3
GUNZ			P	11:15:15.585	-0.2	80.1		7.91		TAS		13.7	1.20	m_e	mb	4.6
IBBN			P	11:15:34.983		80.1		7.91		TAS		18.4	0.72	m_e	mb	5.3
KAST			P	11:15:33.828	0.1	80.1		7.91		TAS		6.9	1.02	m_e	mb	4.6
MANZ			P	11:15:17.437	-0.6	80.1		7.91		TAS		2.8	1.09	m_e	mb	3.9
MOX			P	11:15:18.732	-0.7	80.1		7.91		TAS		8.0	0.91	m_e	mb	4.4
MOX			L	11:34:39.063						T__		503.9	20.50	a_e	Ms	4.4
NEUB			P	11:15:16.773	0.2	80.1		7.91		TAS		14.9	0.75	m_e	mb	4.8
NRDL			P	11:15:23.845	0.3	80.1		7.91		TAS		23.5	0.96	m_e	mb	5.1
PLN			P	11:15:16.060	0.6	80.1		7.91		TAS		7.0	0.88	m_e	mb	4.4
RETH			P	11:15:26.848	0.0	80.1		7.91		TAS		8.2	0.84	m_e	mb	4.8
RGN			P	11:15:06.585	-0.4	80.1		7.91		TAS		122.4	1.08	m_e	mb	5.6
RJOB			P	11:15:17.096	0.2	80.1		7.91		TAS		9.4	0.75	m_e	mb	4.6
ROTZ			P	11:15:17.312	0.1	80.1		7.91		TAS		2.6	1.39	m_e	mb	3.8
STU			P	11:15:33.990	-0.2	80.1		7.91		TAS		35.9	0.85	m_e	mb	5.4
UBR			P	11:15:31.037	-0.1	80.1		7.91		TAS		33.7	1.12	m_e	mb	5.3
WERD			P	11:15:15.514	-0.3	80.1		7.91		TAS		13.1	1.31	m_e	mb	4.5
WERN			P	11:15:15.291	-0.1	80.1		7.91		TAS		6.4	1.42	m_e	mb	4.2
WLF			P	11:15:47.744		80.1		7.91		TAS		24.7	0.99	m_e	mb	5.3

Event 70314007 Southeast of Loyalty Islands

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

2017/03/14 12:36:40.47

-21.9900 171.3300

138.7

34

m i ke BGR

70314013

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW			PKPdf	12:56:08.114		37.9		1.59		TAS				m_e		
AHRW			PKPbc	12:56:11.799	-0.4	35.3		2.94		TAS				m_e		
ASSE			PKPbc	12:56:03.919	0.7	35.3		2.94		TAS				m_e		
BFO			PKPdf	12:56:10.308		37.9		1.59		TAS				m_e		
BFO			PKPbc	12:56:15.136		35.3		2.94		TAS				m_e		
BFO			PKPab	12:56:20.588		39.0		3.64		TAS				m_e		
BRG			PKPbc	12:56:03.161	-0.3	35.3		2.94		TAS				m_e		
BSEG			PKPbc	12:55:59.292	-0.6	35.3		2.94		TAS				m_e		
BUG			PKPdf	12:56:06.657		37.9		1.59		TAS				m_e		
BUG			PKPbc	12:56:09.203	0.2	35.3		2.94		TAS				m_e		
BUG			PKPab	12:56:12.832		39.0		3.64		TAS				m_e		
CLL			PKPbc	12:56:03.081	-0.1	35.3		2.94		TAS				m_e		
CLZ			PKPdf	12:56:04.633	-0.4	37.9		1.59		TAS				m_e		
CLZ			PKPbc	12:56:05.680	0.3	35.3		2.94		TAS				m_e		
FBE			PKPbc	12:56:04.222	-0.1	35.3		2.94		TAS				m_e		
FLT1			PKPbc	12:56:02.590	-0.2	35.3		2.94		TAS				m_e		
FUR			PKPdf	12:56:08.870		37.9		1.59		TAS				m_e		
FUR			PKPbc	12:56:12.624	-0.2	35.3		2.94		TAS				m_e		
FUR			PKPab	12:56:16.405		39.0		3.64		TAS				m_e		
GEC2			PKPdf	12:56:06.257		37.9		1.59		TAS				m_e		
GEC2			PKPbc	12:56:08.441	0.4	35.3		2.94		TAS				m_e		
GOR1			PKPbc	12:56:01.034	-0.4	35.3		2.94		TAS				m_e		
GRA1			PKPdf	12:56:07.081		37.9		1.59		TAS				m_e		
GRA1			PKPbc	12:56:09.481	0.3	35.3		2.94		TAS				m_e		
GTTG			PKPdf	12:56:05.448	-0.2	37.9		1.59		TAS				m_e		
GTTG			PKPbc	12:56:06.515	0.2	35.3		2.94		TAS				m_e		
GUNZ			PKPdf	12:56:05.506	0.1	37.9		1.59		TAS				m_e		
GUNZ			PKPbc	12:56:06.793	0.6	35.3		2.94		TAS				m_e		
HLG			PKPbc	12:56:01.359	-0.3	35.3		2.94		TAS				m_e		
IBBN			PKPdf	12:56:05.314	-0.2	37.9		1.59		TAS				m_e		
IBBN			PKPbc	12:56:06.607	0.3	35.3		2.94		TAS				m_e		
KAST			PKPdf	12:56:06.690		37.9		1.59		TAS				m_e		
KAST			PKPbc	12:56:09.018	0.0	35.3		2.94		TAS				m_e		
MANZ			PKPdf	12:56:05.985	-0.1	37.9		1.59		TAS				m_e		
MANZ			PKPbc	12:56:07.905	0.5	35.3		2.94		TAS				m_e		
MOX			PKPdf	12:56:05.445	0.8	37.9		1.59		TAS				m_e		
MOX			PKPbc	12:56:06.607	0.3	35.3		2.94		TAS				m_e		
NEUB			PKPbc	12:56:05.402	0.4	35.3		2.94		TAS				m_e		
NRDL			PKPbc	12:56:03.630	-0.0	35.3		2.94		TAS				m_e		
PLN			PKPdf	12:56:05.401	-0.5	37.9		1.59		TAS				m_e		
PLN			PKPbc	12:56:06.607	0.4	35.3		2.94		TAS				m_e		
RETH			PKPbc	12:56:03.826	0.3	35.3		2.94		TAS				m_e		

RJOB	PKPdf	12:56:07.823		37.9	1.59	TAS	m_e
RJOB	PKPbc	12:56:11.713	-0.3	35.3	2.94	TAS	m_e
ROTZ	PKPdf	12:56:06.150		37.9	1.59	TAS	m_e
ROTZ	PKPbc	12:56:08.450	-0.0	35.3	2.94	TAS	m_e
ROTZ	pPKPbc	12:56:44.951	-0.4			T__	m_e
RUE	PKPbc	12:55:59.159	-0.2	35.3	2.94	TAS	m_e
STU	PKPdf	12:56:09.578		37.9	1.59	TAS	m_e
STU	PKPbc	12:56:13.560	0.1	35.3	2.94	TAS	m_e
TNS	PKPdf	12:56:07.666		37.9	1.59	TAS	m_e
TNS	PKPbc	12:56:11.335	0.2	35.3	2.94	TAS	m_e
UBR	PKPdf	12:56:09.959		37.9	1.59	TAS	m_e
UBR	PKPbc	12:56:14.873	-0.7	35.3	2.94	TAS	m_e
WERD	PKPdf	12:56:05.417	-0.3	37.9	1.59	TAS	m_e
WERD	PKPbc	12:56:06.422	0.1	35.3	2.94	TAS	m_e
WERN	PKPdf	12:56:05.804	0.2	37.9	1.59	TAS	m_e
WERN	PKPbc	12:56:07.191	0.1	35.3	2.94	TAS	m_e
WLF	PKPdf	12:56:10.819		37.9	1.59	TAS	m_e
WLF	PKPbc	12:56:14.858	-0.6	35.3	2.94	TAS	m_e
WLF	PKPab	12:56:19.414		39.0	3.64	TAS	m_e

Event 70314008 Off west coast of northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/14	13:13:37.23			3.6300	95.4600				29.9	0.3		33				m i ke	BGR
	70314014																

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	70314014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW			P	13:26:16.224	0.2	92.2		5.08		TAS		29.6	0.89	a_e mb	5.4
ASSE			P	13:26:04.324	-0.3	92.2		5.08		TAS		18.4	0.79	a_e mb	5.4
BFO			P	13:26:11.524	-0.4	92.2		5.08		TAS		27.5	0.83	a_e mb	5.5
BRG			P	13:25:53.924	0.0	92.2		5.08		TAS		31.3	0.81	m_e mb	5.5
BSEG			P	13:26:06.124	0.1	92.2		5.08		TAS		70.6	0.83	a_e mb	5.9
BUG			P	13:26:15.224	-0.1	92.2		5.08		TAS		51.4	0.85	a_e mb	5.7
CLL			P	13:25:56.674	-0.4	92.2		5.08		TAS		25.4	0.93	a_e mb	5.3
CLZ			P	13:26:05.624	0.1	92.2		5.08		TAS		44.1	0.92	a_e mb	5.7
CLZ			pP	13:26:14.244	-1.2					T__				m_e	
FBE			P	13:25:56.074	0.3	92.2		5.08		TAS		44.8	0.81	a_e mb	5.6
FLT1			P	13:26:02.024	-0.9	92.2		5.08		TAS		21.5	0.79	a_e mb	5.4
FUR			P	13:26:01.724	-0.2	92.2		5.08		TAS		38.9	0.82	a_e mb	5.7
GEC2			P	13:25:54.274	0.3	92.2		5.08		TAS		53.0	0.87	a_e mb	5.7
GOR1			P	13:26:02.724	-0.1	92.2		5.08		TAS		43.8	0.85	a_e mb	5.7
GRA1			P	13:26:02.924	0.5	92.2		5.08		TAS		53.9	0.86	a_e mb	5.8
GTTG			P	13:26:06.824	0.1	92.2		5.08		TAS		29.5	0.81	a_e mb	5.6

GUNZ	P	13:25:59.074	0.1	92.2	5.08	TAS	24.2	0.82	a_e	mb	5.5
GUNZ	pP	13:26:07.698	-1.2			T__				m_e	
IBBN	P	13:26:13.774	0.0	92.2	5.08	TAS	64.3	0.74	a_e	mb	5.8
KAST	P	13:26:11.724	0.0	92.2	5.08	TAS	17.3	0.83	a_e	mb	5.3
MANZ	P	13:26:00.124	0.6	92.2	5.08	TAS	10.9	0.93	a_e	mb	5.1
MOX	P	13:26:01.324	-0.0	92.2	5.08	TAS	20.0	0.84	a_e	mb	5.4
NEUB	P	13:26:00.724	-0.2	92.2	5.08	TAS	50.7	0.94	a_e	mb	5.7
NEUB	pP	13:26:09.496	-1.2			T__				m_e	
NRDL	P	13:26:06.824	0.4	92.2	5.08	TAS	31.7	0.94	a_e	mb	5.5
PLN	P	13:25:59.524	-0.0	92.2	5.08	TAS	115.4	2.22	a_e	mb	5.7
RETH	P	13:26:08.724	-0.1	92.2	5.08	TAS	34.8	0.87	a_e	mb	5.6
RETH	pP	13:26:17.405	-1.2			T__				m_e	
RJOB	P	13:25:56.110	-0.5	92.2	5.08	TAS	32.2	0.78	m_e	mb	5.5
ROTZ	P	13:25:59.574	0.4	92.2	5.08	TAS	8.8	0.83	a_e	mb	5.0
RUE	P	13:25:54.874	-0.1	92.2	5.08	TAS	132.9	0.77	a_e	mb	6.1
STU	P	13:26:08.874	-0.2	92.2	5.08	TAS	73.0	0.95	a_e	mb	5.9
TNS	P	13:26:11.724	0.1	92.2	5.08	TAS	32.1	0.84	a_e	mb	5.6
UBR	P	13:26:05.744	-0.1	92.2	5.08	TAS	28.6	1.00	m_e	mb	5.5
WERD	P	13:25:58.974	-0.1	92.2	5.08	TAS	21.6	0.78	a_e	mb	5.4
WERN	P	13:25:58.978	0.2	92.2	5.08	TAS	15.5	0.80	m_e	mb	5.3
WLF	P	13:26:19.374	0.2	92.2	5.08	TAS	23.0	0.88	a_e	mb	5.3

Event 70314010 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/14	15:03:45.50			-15.5100	-175.0100				33.0				21				m i ke BGR
OrigID 70314016																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW			PKPbc	15:23:17.960		8.2		3.37		TAS				m_e	
BALST			PKPbc	15:23:29.884		8.2		3.37		TAS				m_e	
BERGE			PKPbc	15:23:24.861		8.2		3.37		TAS				m_e	
BFO			PKPbc	15:23:23.792		8.2		3.37		TAS				m_e	
ECH			PKPbc	15:23:25.601		8.2		3.37		TAS				m_e	
GEC2			PKPbc	15:23:21.047		8.2		3.37		TAS				m_e	
GRA1			PKPbc	15:23:20.051		8.2		3.37		TAS				m_e	
GRFO			PKPbc	15:23:20.111		8.2		3.37		TAS				m_e	
MANZ			PKPbc	15:23:17.724		8.2		3.37		TAS				m_e	
METMA			PKPbc	15:23:26.021		8.2		3.37		TAS				m_e	
MILB			PKPbc	15:23:19.586		8.2		3.37		TAS				m_e	
PLONS			PKPbc	15:23:30.204		8.2		3.37		TAS				m_e	
RJOB			PKPbc	15:23:24.807		8.2		3.37		TAS				m_e	
ROTZ			PKPbc	15:23:19.343		8.2		3.37		TAS				m_e	
SLE			PKPbc	15:23:26.579		8.2		3.37		TAS				m_e	

STU	PKPbc	15:23:22.926	8.2	3.37	TAS	m_e
SULZ	PKPbc	15:23:27.339	8.2	3.37	TAS	m_e
TNS	PKPbc	15:23:18.190	8.2	3.37	TAS	m_e
UBR	PKPbc	15:23:26.712	8.2	3.37	TAS	m_e
WILA	PKPbc	15:23:27.517	8.2	3.37	TAS	m_e
WLF	PKPbc	15:23:20.629	8.2	3.37	TAS	m_e

Event 70314012 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/14	18:16:46.20			-30.5500	-177.2800				33.0			28			m i ke	EMSC
70314044																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW			PKPab	18:37:37.802	0.1	21.7		4.42		TAS					m_e
BFO			PKPab	18:37:45.890		21.7		4.42		TAS					m_e
BRG			PKPab	18:37:30.305	-0.2	21.7		4.42		TAS					m_e
BUG			PKPab	18:37:33.321	0.1	21.7		4.42		TAS					m_e
CLL			PKPab	18:37:29.029	-0.0	21.7		4.42		TAS					m_e
CLZ			PKPab	18:37:29.705	0.1	21.7		4.42		TAS					m_e
FBE			PKPab	18:37:30.544	0.4	21.7		4.42		TAS					m_e
FLT1			PKPab	18:37:26.398	-0.2	21.7		4.42		TAS					m_e
FUR			PKPab	18:37:44.420		21.7		4.42		TAS					m_e
GEC2			PKPab	18:37:38.498		21.7		4.42		TAS					m_e
GRA1			PKPab	18:37:38.040		21.7		4.42		TAS					m_e
GTTG			PKPab	18:37:31.572	-0.0	21.7		4.42		TAS					m_e
GUNZ			PKPab	18:37:34.212	-0.4	21.7		4.42		TAS					m_e
IBBN			PKPab	18:37:29.688	-0.3	21.7		4.42		TAS					m_e
KAST			PKPab	18:37:33.561	0.1	21.7		4.42		TAS					m_e
MANZ			PKPab	18:37:35.409	0.3	21.7		4.42		TAS					m_e
MOX			PKPab	18:37:33.379	-0.3	21.7		4.42		TAS					m_e
NEUB			PKPab	18:37:30.819	0.3	21.7		4.42		TAS					m_e
NRDL			PKPab	18:37:27.221	-0.4	21.7		4.42		TAS					m_e
PLN			PKPab	18:37:33.555	0.1	21.7		4.42		TAS					m_e
RJOB			PKPab	18:37:44.340		21.7		4.42		TAS					m_e
ROTZ			PKPab	18:37:36.605	-0.1	21.7		4.42		TAS					m_e
STU			PKPab	18:37:43.808		21.7		4.42		TAS					m_e
TNS			PKPab	18:37:37.767	-0.2	21.7		4.42		TAS					m_e
UBR			PKPab	18:37:47.033		21.7		4.42		TAS					m_e
WERD			PKPab	18:37:33.666	0.3	21.7		4.42		TAS					m_e
WERN			PKPab	18:37:34.611	0.3	21.7		4.42		TAS					m_e
WLF			PKPab	18:37:42.228	-0.2	21.7		4.42		TAS					m_e

Event 70314013 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/14	21:01:16.33			53.5000	-171.5000				33.0			31					m i ke BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	70314019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW			P	21:13:02.679	0.3	1.6		5.66		TAS		21.3	0.86	m_e mb	5.3
BFO			P	21:13:14.956		1.6		5.66		TAS		13.4	0.98	m_e mb	5.0
BRG			P	21:13:00.163	0.0	1.6		5.66		TAS		29.4	1.06	m_e mb	5.3
BSEG			P	21:12:43.384	-0.3	1.6		5.66		TAS		26.5	0.92	m_e mb	5.4
BUG			P	21:12:57.043	0.4	1.6		5.66		TAS		18.9	0.80	m_e mb	5.2
CLL			P	21:12:57.546	-0.1	1.6		5.66		TAS		22.3	1.05	m_e mb	5.1
CLZ			P	21:12:55.534	0.1	1.6		5.66		TAS		30.0	0.82	m_e mb	5.4
FBE			P	21:13:00.465	-0.1	1.6		5.66		TAS		30.0	1.02	m_e mb	5.4
FLT1			P	21:12:51.911	-0.5	1.6		5.66		TAS		18.2	0.70	m_e mb	5.2
FUR			P	21:13:15.962		1.6		5.66		TAS		36.3	1.14	m_e mb	5.4
GEC2			P	21:13:11.534	-0.1	1.6		5.66		TAS		19.3	0.93	m_e mb	5.2
GRA1			P	21:13:07.811	-0.1	1.6		5.66		TAS		38.5	0.95	m_e mb	5.5
GTTG			P	21:12:57.245	0.1	1.6		5.66		TAS		32.5	0.95	m_e mb	5.3
GUNZ			P	21:13:03.584	0.2	1.6		5.66		TAS		10.2	0.76	m_e mb	5.0
IBBN			P	21:12:52.817	0.3	1.6		5.66		TAS		46.8	0.88	m_e mb	5.5
KAST			P	21:12:58.955	0.1	1.6		5.66		TAS		16.7	1.00	m_e mb	5.0
MANZ			P	21:13:05.597	-0.2	1.6		5.66		TAS		2.2	0.84	m_e mb	4.3
MOX			P	21:13:02.022	0.2	1.6		5.66		TAS		24.5	0.83	m_e mb	5.4
NEUB			P	21:12:58.855	0.1	1.6		5.66		TAS		38.5	0.81	m_e mb	5.5
NRDL			P	21:12:51.307	-0.5	1.6		5.66		TAS		26.8	1.20	m_e mb	5.1
PLN			P	21:13:02.679	0.0	1.6		5.66		TAS		10.3	0.78	m_e mb	5.0
RETH			P	21:12:50.200	0.2	1.6		5.66		TAS		25.7	0.89	m_e mb	5.3
RJOB			P	21:13:18.075		1.6		5.66		TAS		20.7	0.80	m_e mb	5.2
ROTZ			P	21:13:07.006	-0.2	1.6		5.66		TAS		2.9	0.90	m_e mb	4.4
RUE			P	21:12:51.106	0.3	1.6		5.66		TAS		41.3	0.86	m_e mb	5.5
STU			P	21:13:12.823	-0.1	1.6		5.66		TAS		48.0	0.94	m_e mb	5.6
TNS			P	21:13:04.490	0.4	1.6		5.66		TAS		19.4	0.87	m_e mb	5.2
UBR			P	21:13:18.780		1.6		5.66		TAS		22.7	1.20	m_e mb	5.1
WERD			P	21:13:02.981	0.0	1.6		5.66		TAS		11.7	1.18	m_e mb	4.9
WERN			P	21:13:04.188	0.2	1.6		5.66		TAS		22.7	0.96	m_e mb	5.3
WLF			P	21:13:07.610	-0.2	1.6		5.66		TAS		16.6	1.10	m_e mb	5.1

Event 70317001 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2017/03/17 00:03:12.76 30.6430 50.7020 33.0 35.15 35.15 m i ke BGR
 70317007

Magnitude Err Nsta Author OrigID
 mb 4.4 BGR 70317007

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 35.15 P 00:10:03.200 111.9 9.40 TAS 6.2 1.15 m_e mb 4.4

Event 70317002 Fiji Islands region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2017/03/17 05:39:48.80 -17.8600 -178.6700 552.0 33 143.33 149.40 m i ke EMSC
 70317034

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.02		PKPbc	05:58:24.043	0.3	17.6		2.78		TAS				m_e	
BFO	149.08		PKPbc	05:58:34.928		17.6		2.78		TAS				a_e	
BRG	145.56		PKPbc	05:58:25.828	0.4	17.6		2.78		TAS				a_e	
BSEG	143.33		PKPbc	05:58:18.552	-0.1	17.6		2.78		TAS				m_e	
BUG	146.16		PKPbc	05:58:27.366	-0.2	17.6		2.78		TAS				m_e	
CLL	145.36		PKPbc	05:58:24.978	0.1	17.6		2.78		TAS				a_e	
CLZ	145.35		PKPbc	05:58:25.178	0.1	17.6		2.78		TAS				a_e	
FBE	145.65		PKPbc	05:58:26.378	0.1	17.6		2.78		TAS				a_e	
FLT1	144.73		PKPbc	05:58:22.778	0.2	17.6		2.78		TAS				a_e	
FUR	148.70		PKPbc	05:58:34.128		17.6		2.78		TAS				a_e	
GEC2	147.50		PKPbc	05:58:31.078	-0.7	17.6		2.78		TAS				m_e	
GOR1	144.08		PKPbc	05:58:21.178	-0.1	17.6		2.78		TAS				a_e	
GRA1	147.26		PKPbc	05:58:30.714	-0.2	17.6		2.78		TAS				m_e	
GTTG	145.70		PKPbc	05:58:26.178	-0.1	17.6		2.78		TAS				a_e	
GUNZ	146.40		PKPbc	05:58:28.278	0.3	17.6		2.78		TAS				a_e	
IBBN	145.26		PKPbc	05:58:24.828	0.0	17.6		2.78		TAS				a_e	
KAST	146.26		PKPbc	05:58:27.326	0.4	17.6		2.78		TAS				m_e	
MANZ	146.80		PKPbc	05:58:29.378	-0.2	17.6		2.78		TAS				a_e	
MOX	146.27		PKPbc	05:58:27.678	0.2	17.6		2.78		TAS				a_e	
NEUB	145.72		PKPbc	05:58:26.128	0.1	17.6		2.78		TAS				a_e	
NRDL	144.76		PKPbc	05:58:23.228	0.1	17.6		2.78		TAS				a_e	
PLN	146.31		PKPbc	05:58:28.069	0.4	17.6		2.78		TAS				m_e	
RETH	144.63		PKPbc	05:58:22.828	-0.5	17.6		2.78		TAS				a_e	
RJOB	148.75		PKPbc	05:58:33.978		17.6		2.78		TAS				a_e	
ROTZ	146.99		PKPbc	05:58:29.878	-0.1	17.6		2.78		TAS				a_e	
RUE	144.10		PKPbc	05:58:21.140	-0.4	17.6		2.78		TAS				m_e	
STU	148.51		PKPbc	05:58:33.628	-0.6	17.6		2.78		TAS				a_e	

TANN	146.32	PKPbc	05:58:27.978	0.3	17.6	2.78	TAS	a_e
TNS	147.21	PKPbc	05:58:30.328	0.4	17.6	2.78	TAS	a_e
UBR	149.40	PKPbc	05:58:35.678		17.6	2.78	TAS	a_e
WERD	146.32	PKPbc	05:58:27.928	0.2	17.6	2.78	TAS	a_e
WERN	146.46	PKPbc	05:58:28.578	0.4	17.6	2.78	TAS	a_e
WLF	148.04	PKPbc	05:58:32.978	-0.4	17.6	2.78	TAS	a_e

Event 70317003 Southeast of Shikoku, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/17	06:57:07.49			31.3400	132.2300				33.0			35		80.79	86.22	m i ke	BGR
OrigID 70317009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	70317009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	85.17	P		07:09:40.909	0.0	47.6		5.11		TAS		61.0	0.99	a_e mb	5.8
ASSE	82.45	P		07:09:26.859	0.4	47.6		5.11		TAS		19.3	0.95	a_e mb	5.2
BFO	86.16	P		07:09:45.259	-0.0	47.6		5.11		TAS		20.0	1.12	a_e mb	5.2
BRG	81.75	P		07:09:22.909	-0.0	47.6		5.11		TAS		17.2	0.88	a_e mb	5.2
BSEG	81.38	P		07:09:21.359	0.2	47.6		5.11		TAS		56.1	0.85	a_e mb	5.6
BUG	84.45	P		07:09:37.009	-0.6	47.6		5.11		TAS		70.0	1.01	a_e mb	5.8
CLL	81.92	P		07:09:23.659	0.2	47.6		5.11		TAS		70.5	0.79	a_e mb	5.9
CLZ	82.78	P		07:09:29.059	0.3	47.6		5.11		TAS		72.7	0.92	a_e mb	5.9
FBE	82.00	P		07:09:24.609	-0.5	47.6		5.11		TAS		45.3	1.00	a_e mb	5.6
FLT1	82.05	P		07:09:24.359	-0.1	47.6		5.11		TAS		69.0	0.85	a_e mb	5.8
FUR	84.85	P		07:09:39.159	0.9	47.6		5.11		TAS		83.4	0.92	a_e mb	6.0
GEC2	83.19	P		07:09:30.309	-0.5	47.6		5.11		TAS		20.5	1.00	a_e mb	5.3
GOR1	81.58	P		07:09:22.709	-0.0	47.6		5.11		TAS		75.2	1.04	a_e mb	5.8
GRA1	83.84	P		07:09:34.359	-0.4	47.6		5.11		TAS		109.7	1.06	a_e mb	6.0
GTTG	83.17	P		07:09:30.859	-0.1	47.6		5.11		TAS		63.9	0.91	a_e mb	5.8
GUNZ	82.86	P		07:09:29.231	0.5	47.6		5.11		TAS		23.2	0.79	m_e mb	5.5
HLG	82.24	P		07:09:25.978	-0.1	47.6		5.11		TAS		149.7	0.88	m_e mb	6.1
IBBN	83.62	P		07:09:32.859	-0.6	47.6		5.11		TAS		107.2	0.81	a_e mb	6.1
KAST	84.10	P		07:09:35.559	-0.1	47.6		5.11		TAS		50.9	1.10	m_e mb	5.7
MANZ	83.22	P		07:09:30.909	0.2	47.6		5.11		TAS		4.9	0.91	a_e mb	4.7
MOX	83.01	P		07:09:29.809	0.1	47.6		5.11		TAS		32.3	1.19	a_e mb	5.4
NEUB	82.57	P		07:09:27.409	-0.0	47.6		5.11		TAS		84.0	0.79	a_e mb	6.0
NRDL	82.45	P		07:09:27.059	-0.2	47.6		5.11		TAS		30.6	0.92	a_e mb	5.4
PLN	82.86	P		07:09:29.059	0.0	47.6		5.11		TAS		20.9	0.98	a_e mb	5.3
RETH	82.62	P		07:09:27.759	0.1	47.6		5.11		TAS		59.9	1.09	a_e mb	5.7
RJOB	84.37	P		07:09:37.609	-0.1	47.6		5.11		TAS		50.9	0.95	a_e mb	5.7
ROTZ	83.32	P		07:09:31.559	0.1	47.6		5.11		TAS		11.5	1.08	a_e mb	5.0
RUE	80.79	P		07:09:18.259	-0.0	47.6		5.11		TAS		78.6	0.87	a_e mb	5.8
STU	85.44	P		07:09:41.759	-0.7	47.6		5.11		TAS		145.4	0.88	a_e mb	6.2

TANN	82.76	P	07:09:28.663	0.2	47.6	5.11	TAS	14.1	1.00	m_e	mb	5.1
TNS	84.78	P	07:09:38.909	0.0	47.6	5.11	TAS	54.8	0.81	a_e	mb	5.8
UBR	85.75	P	07:09:43.766		47.6	5.11	TAS	18.5	1.08	m_e	mb	5.1
WERD	82.81	P	07:09:28.809	0.1	47.6	5.11	TAS	22.0	0.86	a_e	mb	5.4
WERN	82.89	P	07:09:29.686	0.1	47.6	5.11	TAS	34.1	1.05	m_e	mb	5.5
WLF	86.22	P	07:09:46.259	0.3	47.6	5.11	TAS	58.4	0.96	a_e	mb	5.7

Event 70317006 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/17	15:10:09.60			-16.3400	-174.0600				147.0					146.46	146.46	m i ke	NEIC
	70317045																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	146.46		PKP	15:29:33.792		9.2		2.40		TAS				m_e	

Event 70317007 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2017/03/17	23:24:53.84			-19.5500	-178.5400				33.0					21	145.01	151.07	m i ke	BGR
	70317013																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.70		PKPbc	23:44:31.797	0.3	16.6		2.75		TAS				m_e	
BFO	150.76		PKPbc	23:44:42.651		16.6		2.75		TAS				m_e	
BFO	150.76		PKPab	23:44:48.869						T__				m_e	
BRG	147.22		PKPbc	23:44:33.373	-0.2	16.6		2.75		TAS				m_e	
BSEG	145.01		PKPbc	23:44:26.459	-0.1	16.6		2.75		TAS				m_e	
CLL	147.03		PKPbc	23:44:32.616	-0.1	16.6		2.75		TAS				m_e	
CLZ	147.02		PKPbc	23:44:32.758	0.2	16.6		2.75		TAS				m_e	
FLT1	146.40		PKPbc	23:44:30.746	0.1	16.6		2.75		TAS				m_e	
FUR	150.37		PKPab	23:44:48.023						T__				m_e	
GEC2	149.15		PKPbc	23:44:38.853		16.6		2.75		TAS				m_e	
GRA1	148.93		PKPab	23:44:42.558						T__				m_e	
GTTG	147.38		PKPbc	23:44:33.800	0.2	16.6		2.75		TAS				m_e	
GUNZ	148.06		PKPbc	23:44:35.997		16.6		2.75		TAS				m_e	
GUNZ	148.06		PKPab	23:44:38.466						T__				m_e	
MANZ	148.47		PKPbc	23:44:36.552		16.6		2.75		TAS				m_e	
NEUB	147.39		PKPbc	23:44:33.322	0.4	16.6		2.75		TAS				m_e	

PLN	147.98	PKPbc	23:44:35.594	-0.3	16.6	2.75	TAS	m_e
RJOB	150.41	PKPbc	23:44:41.790		16.6	2.75	TAS	m_e
RJOB	150.41	PKPab	23:44:48.745				T__	m_e
ROTZ	148.65	PKPbc	23:44:37.158		16.6	2.75	TAS	m_e
ROTZ	148.65	PKPab	23:44:41.558				T__	m_e
RUE	145.76	PKPbc	23:44:29.033	-0.1	16.6	2.75	TAS	m_e
STU	150.19	PKPbc	23:44:41.036		16.6	2.75	TAS	m_e
STU	150.19	PKPab	23:44:46.642				T__	m_e
TANN	147.98	PKPbc	23:44:35.493		16.6	2.75	TAS	m_e
TANN	147.98	PKPab	23:44:37.963				T__	m_e
TNS	148.89	PKPab	23:44:41.343				T__	m_e
UBR	151.07	PKPbc	23:44:43.400		16.6	2.75	TAS	m_e
WERD	147.99	PKPbc	23:44:35.543		16.6	2.75	TAS	m_e
WLF	149.72	PKPbc	23:44:40.640		16.6	2.75	TAS	m_e

Event 70318001 Cyprus region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/18	18:15:28.80			34.4200	32.2200				40.0			11		19.91	22.36	m i ke	EMSC
OrigID 70318033																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	70318007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	21.14		P	18:20:09.382	-0.5	126.8		12.11		TAS		28.0	1.23	m_e mb	4.5
FBE	21.45		P	18:20:12.872	1.2	126.8		12.11		TAS		34.0	1.03	m_e mb	4.6
FUR	20.80		P	18:19:59.376	-0.3	126.8		12.11		TAS				m_e	
GEC2	19.91		P	18:19:55.654	-3.1	126.8		12.11		TAS		18.6	0.84	m_e mb	4.3
GRA1	21.71		P	18:20:17.525		126.8		12.11		TAS				m_e	
GUNZ	21.56		P	18:20:15.664	-1.3	126.8		12.11		TAS		17.9	0.90	m_e mb	4.5
MANZ	21.44		P	18:20:11.941	0.1	126.8		12.11		TAS		2.1	0.93	m_e mb	3.5
MOX	22.10		P	18:20:21.713		126.8		12.11		TAS				m_e	
RUE	22.36		P	18:20:22.877		126.8		12.11		TAS				m_e	
TANN	21.54		P	18:20:14.268	0.9	126.8		12.11		TAS		27.2	1.37	m_e mb	4.5
WERN	21.49		P	18:20:13.337	2.2	126.8		12.11		TAS		17.1	1.16	m_e mb	4.3

Event 70319001 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/19	15:43:26.40			-8.1200	160.8400				14.0					131.41	131.41	m i ke	EMSC
OrigID 70319033																	

Magnitude Err Nsta Author OrigID
 Ms 6.2 BGR 70319007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	131.41		PKP	16:02:42.978		41.9		1.63		TAS				m_e	
GRA1	131.41		L	17:01:09.856						T__		5323.4	20.90	a_e Ms	6.2

Event 70320002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/20	03:34:46.76			-18.4300	-177.9100				600.0			31		144.00	150.10	m i ke	BGR
OrigID 70320008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	147.72		PKPbc	03:53:24.843		14.5		2.62		TAS				m_e	
ASSE	145.70		PKPbc	03:53:18.707		14.5		2.62		TAS				m_e	
BFO	149.75		PKPbc	03:53:29.388		14.5		2.62		TAS				m_e	
BRG	146.28		PKPbc	03:53:20.622	0.2	14.5		2.62		TAS				m_e	
BSEG	144.00		PKPbc	03:53:13.355		14.5		2.62		TAS				m_e	
BUG	146.81		PKPbc	03:53:21.455	0.4	14.5		2.62		TAS				m_e	
CLL	146.07		PKPbc	03:53:19.827	0.2	14.5		2.62		TAS				m_e	
CLZ	146.03		PKPbc	03:53:19.978	0.1	14.5		2.62		TAS				m_e	
FBE	146.37		PKPbc	03:53:21.190	0.4	14.5		2.62		TAS				m_e	
FLT1	145.42		PKPbc	03:53:17.543	0.3	14.5		2.62		TAS				m_e	
FUR	149.41		PKPbc	03:53:28.233		14.5		2.62		TAS				m_e	
GEC2	148.24		PKPbc	03:53:25.714		14.5		2.62		TAS				m_e	
GOR1	144.77		PKPbc	03:53:15.217		14.5		2.62		TAS				m_e	
GRA1	147.96		PKPbc	03:53:25.313		14.5		2.62		TAS				m_e	
GTTG	146.37		PKPbc	03:53:20.925	0.1	14.5		2.62		TAS				m_e	
GUNZ	147.10		PKPbc	03:53:23.119	-0.6	14.5		2.62		TAS				m_e	
KAST	146.92		PKPbc	03:53:22.251	0.3	14.5		2.62		TAS				m_e	
MANZ	147.51		PKPbc	03:53:24.161	-0.2	14.5		2.62		TAS				m_e	
MOX	146.97		PKPbc	03:53:22.456	0.5	14.5		2.62		TAS				m_e	
NEUB	146.42		PKPbc	03:53:20.925	0.5	14.5		2.62		TAS				m_e	
PLN	147.02		PKPbc	03:53:22.703	0.2	14.5		2.62		TAS				m_e	
RETH	145.29		PKPbc	03:53:16.767	0.2	14.5		2.62		TAS				m_e	
RJOB	149.49		PKPbc	03:53:28.706		14.5		2.62		TAS				m_e	
ROTZ	147.70		PKPbc	03:53:24.653	-0.6	14.5		2.62		TAS				m_e	
RUE	144.81		PKPbc	03:53:15.449		14.5		2.62		TAS				m_e	
TANN	147.03		PKPbc	03:53:22.684	-0.2	14.5		2.62		TAS				m_e	
TNS	147.88		PKPbc	03:53:24.843		14.5		2.62		TAS				m_e	
UBR	150.10		PKPbc	03:53:29.899		14.5		2.62		TAS				m_e	
WERD	147.03		PKPbc	03:53:22.759	0.4	14.5		2.62		TAS				m_e	
WERN	147.17		PKPbc	03:53:23.422	-0.5	14.5		2.62		TAS				m_e	

WLF 148.67 PKPbc 03:53:27.456 14.5 2.62 TAS m_e

Event 70320004 Eastern Sea of Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/20	08:22:27.80			44.1300	138.9900				248.0					76.04	76.04	m i ke	EMSC
OrigID 70320036																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	70320010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	76.04		P	08:33:48.722		35.9		4.66		TAS		16.1	1.15	m_e mb	5.0

Event 70320011 Windward Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/20	19:01:54.98			12.9020	-60.8470				33.0					68.67	68.67	m i ke	BGR
OrigID 70320017																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	70320017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	68.67		P	19:12:55.248		260.0		6.84		TAS		7.1	0.91	m_e mb	4.9

Event 70320013 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/20	21:36:28.85			-21.5500	-178.8600				600.0				33	146.92	152.66	m i ke	BGR
OrigID 70320019																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.69		PKPbc	21:55:13.380	-0.1	17.6		2.36		TAS				m_e	
AHRW	150.69		PKPab	21:55:23.068						T__				m_e	
BFO	152.66		PKPbc	21:55:17.894		17.6		2.36		TAS				m_e	
BFO	152.66		PKPab	21:55:30.891						T__				m_e	
BRG	149.06		PKPbc	21:55:10.009	0.3	17.6		2.36		TAS				m_e	

BSEG	146.92	PKPbc	21:55:04.342	-0.3	17.6	2.36	TAS	m_e
BUG	149.78	PKPbc	21:55:11.751	0.1	17.6	2.36	TAS	m_e
CLL	148.89	PKPbc	21:55:09.208	0.4	17.6	2.36	TAS	m_e
CLZ	148.92	PKPbc	21:55:09.886	0.0	17.6	2.36	TAS	m_e
FBE	149.16	PKPbc	21:55:10.625	0.4	17.6	2.36	TAS	m_e
FLT1	148.30	PKPbc	21:55:07.730	0.0	17.6	2.36	TAS	m_e
FUR	152.23	PKPbc	21:55:17.155		17.6	2.36	TAS	m_e
FUR	152.23	PKPab	21:55:30.090				T__	m_e
GEC2	150.98	PKPbc	21:55:14.506	-0.2	17.6	2.36	TAS	m_e
GOR1	147.66	PKPbc	21:55:06.436	-0.3	17.6	2.36	TAS	m_e
GRA1	150.80	PKPbc	21:55:13.938	-0.2	17.6	2.36	TAS	m_e
GRA1	150.80	PKPab	21:55:24.238				T__	m_e
GTTG	149.28	PKPbc	21:55:10.687	0.1	17.6	2.36	TAS	m_e
GUNZ	149.92	PKPbc	21:55:11.984	0.1	17.6	2.36	TAS	m_e
HLG	147.02	PKPbc	21:55:04.896	-0.1	17.6	2.36	TAS	m_e
IBBN	148.87	PKPbc	21:55:09.516	-0.3	17.6	2.36	TAS	m_e
KAST	149.86	PKPbc	21:55:11.984	0.2	17.6	2.36	TAS	m_e
MANZ	150.33	PKPbc	21:55:12.682	0.2	17.6	2.36	TAS	m_e
MOX	149.82	PKPbc	21:55:11.734	0.3	17.6	2.36	TAS	m_e
MOX	149.82	PKPab	21:55:19.002				T__	m_e
NEUB	149.27	PKPbc	21:55:10.748	0.2	17.6	2.36	TAS	m_e
NRDL	148.34	PKPbc	21:55:08.161	0.0	17.6	2.36	TAS	m_e
PLN	149.85	PKPbc	21:55:11.980	-0.0	17.6	2.36	TAS	m_e
RETH	148.23	PKPbc	21:55:07.607	-0.3	17.6	2.36	TAS	m_e
RJOB	152.24	PKPbc	21:55:17.031		17.6	2.36	TAS	m_e
RJOB	152.24	PKPab	21:55:30.460				T__	m_e
ROTZ	150.51	PKPbc	21:55:13.380	-0.0	17.6	2.36	TAS	m_e
ROTZ	150.51	PKPab	21:55:22.206				T__	m_e
RUE	147.62	PKPbc	21:55:06.190	-0.3	17.6	2.36	TAS	m_e
STU	152.09	PKPbc	21:55:16.723	-0.4	17.6	2.36	TAS	m_e
STU	152.09	PKPab	21:55:28.674				T__	m_e
TANN	149.84	PKPbc	21:55:12.042	0.1	17.6	2.36	TAS	m_e
TNS	150.81	PKPbc	21:55:14.198	0.5	17.6	2.36	TAS	m_e
WERD	149.85	PKPbc	21:55:11.751	0.8	17.6	2.36	TAS	m_e
WERN	149.98	PKPbc	21:55:12.915	-0.4	17.6	2.36	TAS	m_e
WERN	149.98	PKPab	21:55:20.419				T__	m_e
WLF	151.66	PKPbc	21:55:16.600	-0.6	17.6	2.36	TAS	m_e

Event 70320014 Near coast of Oaxaca, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/20	22:41:16.50			15.1300	-94.0200				46.0				12	85.05	88.17	m i ke	EMSC
70320046																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	70320020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	85.35		P	22:53:49.720		291.2		5.11		TAS		32.6	1.01	m_e mb	5.5
BFO	86.83		P	22:53:56.895		291.2		5.11		TAS		11.0	1.07	m_e mb	4.9
BSEG	86.11		P	22:53:54.231	0.0	291.2		5.11		TAS		23.6	1.02	m_e mb	5.3
CLZ	86.88		P	22:53:57.657	0.1	291.2		5.11		TAS		16.5	1.03	m_e mb	5.1
GTTG	86.74		P	22:53:57.289		291.2		5.11		TAS		30.5	1.10	m_e mb	5.3
IBBN	85.20		P	22:53:49.202	-0.2	291.2		5.11		TAS		36.7	1.00	m_e mb	5.6
KAST	85.94		P	22:53:52.623		291.2		5.11		TAS		13.6	1.01	m_e mb	5.0
NRDL	86.50		P	22:53:55.941	-0.2	291.2		5.11		TAS		18.5	0.91	m_e mb	5.2
RETH	85.99		P	22:53:53.660	-0.1	291.2		5.11		TAS		31.1	0.94	m_e mb	5.4
STU	87.22		P	22:53:58.687		291.2		5.11		TAS				m_e	
TNS	86.28		P	22:53:54.179		291.2		5.11		TAS		31.9	0.85	m_e mb	5.5
UBR	88.17		P	22:54:03.742		291.2		5.11		TAS				m_e	
WLF	85.05		P	22:53:47.818		291.2		5.11		TAS		27.3	1.07	m_e mb	5.4

Event 70321003 Colombia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/21	08:31:26.12		5.9000	-76.7500					33.0			24		80.94	85.91	m i ke	BGR
70321009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	70321009
Ms	4.4		BGR	70321009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	81.55		P	08:43:40.714	-0.1	271.9		5.13		TAS		48.4	1.69	m_e mb	5.4
ASSE	83.80		P	08:43:52.456	-0.5	271.9		5.13		TAS		11.9	1.11	m_e mb	5.0
BFO	82.36		P	08:43:44.573	-0.2	271.9		5.13		TAS		6.5	1.05	m_e mb	4.7
BRG	85.91		P	08:44:02.808		271.9		5.13		TAS		13.3	1.05	m_e mb	5.0
BSEG	83.54		P	08:43:50.880	-0.7	271.9		5.13		TAS				m_e	
BUG	81.69		P	08:43:41.463	-0.0	271.9		5.13		TAS				m_e	
CLL	85.29		P	08:43:59.957		271.9		5.13		TAS		11.9	1.19	m_e mb	5.0
CLZ	83.62		P	08:43:51.855	-0.2	271.9		5.13		TAS		13.5	1.21	m_e mb	5.0
FBE	85.53		P	08:44:01.533		271.9		5.13		TAS		12.9	0.85	m_e mb	5.1
FLT1	84.14		P	08:43:53.427	0.2	271.9		5.13		TAS		11.9	0.97	m_e mb	5.1
GEC2	85.90		P	08:44:02.883		271.9		5.13		TAS		12.5	0.96	m_e mb	5.0
GRA1	84.23		P	08:43:54.375	0.0	271.9		5.13		TAS		11.4	1.20	m_e mb	5.0
GRA1	84.23		L	09:17:07.301						T__		152.2	18.30	a_e Ms	4.4
HLG	82.11		P	08:43:43.387	-0.3	271.9		5.13		TAS		129.9	0.99	m_e mb	6.0
IBBN	82.01		P	08:43:42.776	-0.3	271.9		5.13		TAS		22.9	1.11	m_e mb	5.2
KAST	82.41		P	08:43:45.292	0.1	271.9		5.13		TAS				m_e	
NRDL	83.45		P	08:43:50.805	0.1	271.9		5.13		TAS		23.5	1.42	m_e mb	5.2
PLN	84.80		P	08:43:57.257		271.9		5.13		TAS		12.8	0.97	m_e mb	5.1
RETH	82.99		P	08:43:48.855	0.3	271.9		5.13		TAS		18.9	0.98	m_e mb	5.3

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RJOB	85.37	P	08:44:00.407	271.9	5.13	TAS										m_e	
TANN	85.00	P	08:43:58.832	271.9	5.13	TAS					13.1	1.14	m_e mb				5.1
TNS	82.43	P	08:43:45.393	0.1 271.9	5.13	TAS					17.0	1.34	m_e mb				5.0
WERD	84.89	P	08:43:57.407	271.9	5.13	TAS					9.1	0.99	m_e mb				5.0
WERN	84.95	P	08:43:58.384	271.9	5.13	TAS					14.5	1.22	m_e mb				5.1
WLF	80.94	P	08:43:37.690	0.1 271.9	5.13	TAS					32.8	1.07	m_e mb				5.3

Event 70322003 Tajikistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/22	11:27:04.20			37.5600	72.0500				20.0					44.51	44.51	m i ke	EMSC
70322035																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	70322009
Ms	4.1		BGR	70322009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	44.51		P	11:35:15.410		81.8		6.83		TAS		9.9	1.13	m_e mb	4.6
GRA1	44.51		L	11:53:37.105						T__		251.5	21.50	a_e Ms	4.1

Event 70324001 Southwestern Afghanistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/24	01:24:14.60			31.5110	62.4830				33.0					42.05	42.05	m i ke	BGR
70324007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	70324007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	42.05		P	01:32:02.639		104.0		8.06		TAS		3.0	0.73	m_e mb	4.1

Event 70324002 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/24	02:44:10.49			38.0000	143.5000				33.0				15	79.94	85.26	m i ke	BGR
70324008																	

Magnitude	Err	Nsta	Author	OrigID

mb 4.5 BGR 70324008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	85.26		P	02:56:44.175	0.2	37.0		5.32		TAS		5.5	0.88	m_e	mb 4.8
BRG	81.05		P	02:56:22.644	0.3	37.0		5.32		TAS		2.7	0.82	m_e	mb 4.3
BSEG	79.94		P	02:56:16.754	0.4	37.0		5.32		TAS		5.6	0.82	m_e	mb 4.5
CLL	81.07		P	02:56:22.644	0.2	37.0		5.32		TAS		6.8	0.84	m_e	mb 4.7
CLZ	81.62		P	02:56:25.530	-0.7	37.0		5.32		TAS		9.7	1.04	m_e	mb 4.9
FBE	81.24		P	02:56:23.504	-0.2	37.0		5.32		TAS		4.6	0.84	m_e	mb 4.5
FLT1	80.91		P	02:56:21.695	-0.7	37.0		5.32		TAS		5.9	0.83	m_e	mb 4.7
GEC2	82.75		P	02:56:31.378		37.0		5.32		TAS		2.8	0.88	m_e	mb 4.5
GRA1	83.05		P	02:56:32.984	0.2	37.0		5.32		TAS		8.0	0.88	m_e	mb 5.0
GUNZ	82.08		P	02:56:27.903	0.0	37.0		5.32		TAS		3.5	0.83	m_e	mb 4.5
MANZ	82.47		P	02:56:30.002	-0.1	37.0		5.32		TAS		0.5	0.79	m_e	mb 3.7
NEUB	81.63		P	02:56:25.685	-0.7	37.0		5.32		TAS		7.8	0.77	m_e	mb 4.9
RJOB	84.00		P	02:56:38.141		37.0		5.32		TAS		3.6	0.90	m_e	mb 4.6
ROTZ	82.61		P	02:56:30.722	0.0	37.0		5.32		TAS		1.0	1.00	m_e	mb 4.0
WERN	82.13		P	02:56:28.186	0.2	37.0		5.32		TAS		2.8	0.83	m_e	mb 4.4

Event 70324004 South of Panama

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/24	09:01:14.37			6.2100	-78.1100				24.5	0.8		26		81.59	86.57	m i ke	BGR
	70324010																

Magnitude 5.2 Err Nsta Author BGR 70324010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	82.19		P	09:13:32.148	0.6	273.4		5.01		TAS				m_e	
BFO	83.04		P	09:13:36.369	-0.2	273.4		5.01		TAS		11.2	1.07	m_e	mb 5.0
BRG	86.53		P	09:13:54.483		273.4		5.01		TAS				m_e	
BSEG	84.10		P	09:13:42.054	-0.4	273.4		5.01		TAS				m_e	
CLL	85.90		P	09:13:51.117	1.4	273.4		5.01		TAS				m_e	
CLZ	84.23		P	09:13:42.867	-0.3	273.4		5.01		TAS		20.6	1.13	m_e	mb 5.3
CLZ	84.23		pP	09:13:50.012	0.6					T__				m_e	
FBE	86.15		P	09:13:52.488	1.4	273.4		5.01		TAS				m_e	
FLT1	84.73		P	09:13:45.073	0.1	273.4		5.01		TAS				m_e	
FLT1	84.73		pP	09:13:52.387	0.6					T__				m_e	
GEC2	86.57		P	09:13:54.946		273.4		5.01		TAS		6.5	1.13	m_e	mb 4.7
GRA1	84.88		P	09:13:46.231	-0.2	273.4		5.01		TAS				m_e	
GRA1	84.88		pP	09:13:53.124	0.6					T__				m_e	
GUNZ	85.55		P	09:13:49.401	-0.7	273.4		5.01		TAS				m_e	
KAST	83.03		P	09:13:36.620	0.3	273.4		5.01		TAS				m_e	
MANZ	85.43		P	09:13:48.843	-0.3	273.4		5.01		TAS				m_e	
MANZ	85.43		pP	09:13:55.737	0.6					T__				m_e	

MOX	NRDL	PLN	PLN	RETH	RJOB	ROTZ	ROTZ	STU	TANN	TANN	TNS	UBR	WERD	WERD	WERN	WERN	WLF
85.07	84.03	85.43	85.43	83.57	86.06	85.51	85.51	83.60	85.63	85.63	83.07	84.25	85.53	85.53	85.58	85.58	81.59
P	P	P	pP	P	P	P	pP	P	P	pP	P	P	P	pP	P	pP	P
09:13:47.046	09:13:41.602	09:13:48.696	09:13:56.021	09:13:39.641	09:13:51.816	09:13:49.199	09:13:56.436	09:13:39.438	09:13:49.803	09:13:57.010	09:13:37.375	09:13:42.558	09:13:49.350	09:13:56.354	09:13:49.602	09:13:56.737	09:13:29.528
-0.3	-0.1	-0.1	0.6	-0.3		-0.1	0.6	0.5	0.1	0.6	-0.2	0.5	-0.1	0.6	-0.2	0.6	0.6
273.4	273.4	273.4		273.4	273.4	273.4		273.4	273.4		273.4	273.4	273.4		273.4	273.4	273.4
5.01	5.01	5.01		5.01	5.01	5.01		5.01	5.01		5.01	5.01	5.01		5.01	5.01	5.01
TAS	TAS	TAS	T__	TAS	TAS	TAS	T__	TAS	TAS	T__	TAS	TAS	TAS	T__	TAS	T__	TAS
		17.1	1.27	29.1				75.0	12.8		25.9						20.9
				1.11				0.86	0.96		1.23						0.77
		m_e mb	m_e	m_e mb				m_e mb	m_e mb		m_e mb						m_e mb
		5.1		5.4				5.9	5.0		5.3						5.3

Event 70324006 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/24	16:43:30.37			26.9610	127.1360				89.8			19		80.99	87.47	m i ke	BGR
	70324012																

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	70324012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.45		P	16:56:01.196		53.3		4.96		TAS		41.7	0.82	m_e mb	5.6
ASSE	83.69		P	16:55:47.427	-0.5	53.3		4.96		TAS		178.7	1.93	m_e mb	6.0
BFO	87.20		P	16:56:05.041		53.3		4.96		TAS		33.5	0.94	m_e mb	5.5
BRG	82.75		P	16:55:42.701	-0.5	53.3		4.96		TAS		56.7	1.04	m_e mb	5.7
BSEG	82.79		P	16:55:42.478	0.2	53.3		4.96		TAS		90.0	0.80	m_e mb	6.1
BUG	85.78		P	16:55:58.205		53.3		4.96		TAS		82.2	0.96	m_e mb	5.8
CLL	82.99		P	16:55:43.933	-0.2	53.3		4.96		TAS		85.0	0.79	m_e mb	6.0
CLZ	84.01		P	16:55:49.212	-0.1	53.3		4.96		TAS		290.4	0.92	m_e mb	6.5
FBE	83.03		P	16:55:44.088	0.2	53.3		4.96		TAS		71.3	0.95	m_e mb	5.9
FLT1	83.29		P	16:55:45.359	-0.5	53.3		4.96		TAS		122.0	1.21	m_e mb	6.0
FUR	85.74		P	16:55:58.215	-0.1	53.3		4.96		TAS		159.9	0.97	m_e mb	6.1
GEC2	84.03		P	16:55:49.518	-0.1	53.3		4.96		TAS		53.7	0.82	m_e mb	5.8
GOR1	82.87		P	16:55:43.142	0.3	53.3		4.96		TAS				m_e	
GRA1	84.86		P	16:55:53.964	-0.1	53.3		4.96		TAS		202.0	1.15	m_e mb	6.2
GTTG	84.39		P	16:55:51.538		53.3		4.96		TAS		229.6	0.91	m_e mb	6.4
GUNZ	83.89		P	16:55:48.691	0.2	53.3		4.96		TAS		131.6	1.36	m_e mb	6.0
HLG	83.77		P	16:55:47.854	-0.5	53.3		4.96		TAS		150.5	1.14	m_e mb	6.1

IBBN	85.00	P	16:55:54.591	-0.1	53.3	4.96	TAS	285.3	0.85	m_e	mb	6.5
KAST	85.37	P	16:55:56.337	-0.1	53.3	4.96	TAS	79.2	0.78	m_e	mb	6.0
MANZ	84.22	P	16:55:50.592	-0.1	53.3	4.96	TAS	18.5	1.06	m_e	mb	5.2
MOX	84.09	P	16:55:49.773	-0.1	53.3	4.96	TAS			m_e		
NEUB	83.69	P	16:55:47.254	-0.5	53.3	4.96	TAS	183.0	1.33	m_e	mb	6.1
NRDL	83.75	P	16:55:47.656	-0.5	53.3	4.96	TAS	96.5	1.06	m_e	mb	6.0
PLN	83.90	P	16:55:48.770	0.2	53.3	4.96	TAS	60.4	1.18	m_e	mb	5.7
RETH	83.97	P	16:55:49.042	0.0	53.3	4.96	TAS	200.9	1.00	m_e	mb	6.3
RGN	80.99	P	16:55:33.808	-0.3	53.3	4.96	TAS	170.8	1.22	m_e	mb	5.9
RJOB	85.16	P	16:55:55.364		53.3	4.96	TAS	98.5	0.90	m_e	mb	6.0
ROTZ	84.30	P	16:55:50.978	-0.1	53.3	4.96	TAS			m_e		
RUE	81.93	P	16:55:38.769	-0.5	53.3	4.96	TAS	119.2	0.83	m_e	mb	6.1
STU	86.48	P	16:56:01.430		53.3	4.96	TAS	235.3	0.76	m_e	mb	6.4
TANN	83.79	P	16:55:47.981	-0.5	53.3	4.96	TAS	71.0	1.67	m_e	mb	5.6
TNS	85.96	P	16:55:59.050		53.3	4.96	TAS	68.3	1.73	m_e	mb	5.5
UBR	86.66	P	16:56:02.446		53.3	4.96	TAS	111.5	0.87	m_e	mb	6.0
WERD	83.85	P	16:55:48.324	0.2	53.3	4.96	TAS	56.4	1.01	m_e	mb	5.7
WERN	83.91	P	16:55:48.613	0.0	53.3	4.96	TAS	110.9	0.94	m_e	mb	6.1
WLF	87.47	P	16:56:06.533		53.3	4.96	TAS	69.4	0.80	m_e	mb	5.8

Event 70325002 Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/25	16:07:41.65			-16.9560	179.8560				33.0			12		143.57	147.50	m i ke	BGR
70325008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	144.33		PKPbc	16:27:12.214	0.4	19.7		3.20		TAS					m_e
CLL	144.16		PKPbc	16:27:11.715	0.3	19.7		3.20		TAS					m_e
CLZ	144.21		PKPbc	16:27:11.558	-0.1	19.7		3.20		TAS					m_e
FBE	144.43		PKPbc	16:27:12.392	0.4	19.7		3.20		TAS					m_e
FLT1	143.57		PKPbc	16:27:09.536	-0.1	19.7		3.20		TAS					m_e
FUR	147.50		PKPbc	16:27:22.539		19.7		3.20		TAS					m_e
GEC2	146.25		PKPbc	16:27:17.821		19.7		3.20		TAS					m_e
GUNZ	145.19		PKPbc	16:27:14.927	-0.1	19.7		3.20		TAS					m_e
MANZ	145.60		PKPbc	16:27:16.084	0.4	19.7		3.20		TAS					m_e
MOX	145.09		PKPbc	16:27:14.406	-0.0	19.7		3.20		TAS					m_e
ROTZ	145.78		PKPbc	16:27:16.554	0.4	19.7		3.20		TAS					m_e
TANN	145.12		PKPbc	16:27:14.571	0.1	19.7		3.20		TAS					m_e
TNS	146.10		PKPbc	16:27:16.792	-0.0	19.7		3.20		TAS					m_e
WERD	145.12		PKPbc	16:27:14.531	0.0	19.7		3.20		TAS					m_e
WERN	145.25		PKPbc	16:27:14.888	0.2	19.7		3.20		TAS					m_e

Event 70325003 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/25	20:28:38.07			48.6500	149.3920				33.0			13		73.27	77.69	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	70325009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.03		P	20:40:25.576		27.1		5.76		TAS		8.0	0.88	m_e mb	4.9
BFO	77.69		P	20:40:34.681		27.1		5.76		TAS		5.9	0.90	m_e mb	4.7
BRG	73.76		P	20:40:12.291	0.2	27.1		5.76		TAS		2.3	0.85	m_e mb	4.2
BUG	75.16		P	20:40:20.060		27.1		5.76		TAS		5.4	0.68	m_e mb	4.7
CLL	73.67		P	20:40:11.655	0.1	27.1		5.76		TAS		7.0	0.79	m_e mb	4.7
CLZ	73.95		P	20:40:13.336	-0.0	27.1		5.76		TAS		4.1	0.71	m_e mb	4.6
FBE	73.90		P	20:40:13.200	-0.1	27.1		5.76		TAS		21.9	1.36	m_e mb	5.0
FLT1	73.27		P	20:40:09.428		27.1		5.76		TAS		6.7	0.75	m_e mb	4.9
FUR	76.97		P	20:40:30.582		27.1		5.76		TAS		8.9	0.74	m_e mb	5.0
GEC2	75.62		P	20:40:22.804		27.1		5.76		TAS		3.3	0.77	m_e mb	4.5
GRA1	75.63		P	20:40:22.971		27.1		5.76		TAS		11.1	0.75	m_e mb	5.1
GUNZ	74.70		P	20:40:17.880	0.0	27.1		5.76		TAS		4.2	0.76	m_e mb	4.5
IBBN	74.25		P	20:40:15.199		27.1		5.76		TAS		9.9	0.67	m_e mb	5.0
KAST	75.07		P	20:40:19.701		27.1		5.76		TAS		4.3	0.80	m_e mb	4.5
MANZ	75.10		P	20:40:20.148		27.1		5.76		TAS		1.0	0.95	m_e mb	3.8
MOX	74.66		P	20:40:17.289	-0.2	27.1		5.76		TAS		2.3	0.69	m_e mb	4.3
RJOB	76.88		P	20:40:30.238		27.1		5.76		TAS		4.6	0.89	m_e mb	4.6
ROTZ	75.27		P	20:40:21.015	-0.1	27.1		5.76		TAS		1.1	0.83	m_e mb	3.9
TNS	75.95		P	20:40:24.863		27.1		5.76		TAS		4.9	0.72	m_e mb	4.7
WERD	74.63		P	20:40:17.289	0.1	27.1		5.76		TAS		3.4	0.77	m_e mb	4.4
WERN	74.75		P	20:40:18.107	-0.1	27.1		5.76		TAS		6.0	0.76	m_e mb	4.7

Event 70326002 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/26	01:07:15.13			67.5890	-18.9890				5.0			29		19.52	25.65	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	70326008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	21.42		P	01:12:01.233	0.1	331.6		10.33		TAS		9.3	0.86	m_e mb	4.1
ASSE	21.16		P	01:11:58.034	-0.8	331.6		10.33		TAS		6.4	0.98	m_e mb	3.9

BFO	23.77	P	01:12:25.555	0.1	331.6	10.33	TAS										m_e	
BRG	23.30	P	01:12:20.530	-0.3	331.6	10.33	TAS	11.7	1.16	m_e	mb							4.3
BSEG	19.52	P	01:11:40.717	-0.1	331.6	10.33	TAS										m_e	
BUG	20.69	P	01:11:53.965	-1.1	331.6	10.33	TAS	21.9	0.87	m_e	mb							4.5
CLL	22.62	P	01:12:13.343	1.5	331.6	10.33	TAS										m_e	
CLZ	21.30	P	01:11:59.915	-0.4	331.6	10.33	TAS	18.9	1.03	m_e	mb							4.4
FBE	23.06	P	01:12:18.819	0.4	331.6	10.33	TAS	10.7	0.90	m_e	mb							4.4
FLT1	21.17	P	01:11:58.029	-0.8	331.6	10.33	TAS	13.2	0.91	m_e	mb							4.3
GEC2	24.97	P	01:12:37.740	-2.7	331.6	10.33	TAS	15.0	0.90	m_e	mb							4.7
GRA1	23.44	P	01:12:22.695	0.1	331.6	10.33	TAS	10.9	0.94	m_e	mb							4.4
GTTG	21.43	P	01:12:01.856	1.1	331.6	10.33	TAS	33.5	0.98	m_e	mb							4.6
GUNZ	23.21	P	01:12:20.070	0.1	331.6	10.33	TAS	13.4	1.14	m_e	mb							4.4
IBBN	20.08	P	01:11:47.519	-0.4	331.6	10.33	TAS										m_e	
KAST	21.24	P	01:11:59.528	-1.2	331.6	10.33	TAS	10.2	0.84	m_e	mb							4.2
MANZ	23.46	P	01:12:22.826	0.7	331.6	10.33	TAS	1.6	0.99	m_e	mb							3.5
MOX	22.73	P	01:12:15.331	1.0	331.6	10.33	TAS	9.6	0.89	m_e	mb							4.3
NEUB	22.31	P	01:12:10.338	0.1	331.6	10.33	TAS	14.7	0.98	m_e	mb							4.4
NRDL	20.66	P	01:11:53.095	-0.4	331.6	10.33	TAS	26.3	0.92	m_e	mb							4.6
RJOB	25.65	P	01:12:44.923		331.6	10.33	TAS	10.5	0.95	m_e	mb							4.4
ROTZ	23.68	P	01:12:25.364	1.1	331.6	10.33	TAS										m_e	
RUE	21.90	P	01:12:04.719	1.2	331.6	10.33	TAS	21.4	0.65	m_e	mb							4.7
STU	23.63	P	01:12:24.630	0.4	331.6	10.33	TAS										m_e	
TANN	23.21	P	01:12:20.137	0.8	331.6	10.33	TAS	14.7	1.11	m_e	mb							4.4
TNS	22.11	P	01:12:08.802	-0.3	331.6	10.33	TAS										m_e	
UBR	24.88	P	01:12:37.184	-1.2	331.6	10.33	TAS	12.2	0.92	m_e	mb							4.6
WERD	23.13	P	01:12:19.487	-0.1	331.6	10.33	TAS	9.9	1.01	m_e	mb							4.3
WERN	23.29	P	01:12:20.890	1.3	331.6	10.33	TAS	14.8	1.08	m_e	mb							4.4
WLF	21.94	P	01:12:06.488	0.1	331.6	10.33	TAS										m_e	

Event 70326003 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/26	01:48:42.47			67.6880	-18.5900				5.0			22		20.02	25.59	m i ke	BGR
70326009																	

Magnitude Err Nsta Author OrigID
mb 4.3 BGR 70326009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	21.37		P	01:53:28.084	0.8	333.1		10.26		TAS		16.8	1.08	m_e	mb	4.3
ASSE	21.08		P	01:53:24.308		333.1		10.26		TAS		12.0	1.22	m_e	mb	4.1
BFO	23.72		P	01:53:52.458		333.1		10.26		TAS		10.0	1.03	m_e	mb	4.3
BRG	23.22		P	01:53:46.086	-0.6	333.1		10.26		TAS		21.6	1.40	m_e	mb	4.5
BUG	20.63		P	01:53:20.470	-0.4	333.1		10.26		TAS		28.1	0.93	m_e	mb	4.6
CLL	22.54		P	01:53:39.099	-0.0	333.1		10.26		TAS		20.1	1.17	m_e	mb	4.5
CLZ	21.23		P	01:53:26.008	0.0	333.1		10.26		TAS		15.5	1.04	m_e	mb	4.3

FBE	22.98	P	01:53:43.708	1.1	333.1	10.26	TAS	17.3	1.03	m_e	mb	4.5
FLT1	21.09	P	01:53:24.277	-0.6	333.1	10.26	TAS	16.6	0.91	m_e	mb	4.4
GEC2	24.89	P	01:54:03.832		333.1	10.26	TAS	13.7	0.86	m_e	mb	4.7
GRA1	23.37	P	01:53:48.785	-0.5	333.1	10.26	TAS	15.1	0.99	m_e	mb	4.5
GTTG	21.36	P	01:53:27.946	0.6	333.1	10.26	TAS			m_e		
GUNZ	23.13	P	01:53:45.875	0.9	333.1	10.26	TAS	10.8	1.05	m_e	mb	4.3
IBBN	20.02	P	01:53:14.259	-0.2	333.1	10.26	TAS	9.5	0.97	m_e	mb	4.0
KAST	21.18	P	01:53:26.008	-0.2	333.1	10.26	TAS	9.2	0.87	m_e	mb	4.1
MANZ	23.39	P	01:53:48.738	-1.1	333.1	10.26	TAS	1.8	1.10	m_e	mb	3.5
MOX	22.66	P	01:53:41.226	-0.2	333.1	10.26	TAS	13.8	0.97	m_e	mb	4.5
NRDL	20.59	P	01:53:19.301	-0.2	333.1	10.26	TAS	30.4	0.99	m_e	mb	4.6
RJOB	25.59	P	01:54:10.380		333.1	10.26	TAS	10.7	0.83	m_e	mb	4.5
ROTZ	23.61	P	01:53:51.607		333.1	10.26	TAS	2.4	1.14	m_e	mb	3.6
RUE	21.81	P	01:53:29.991	-0.2	333.1	10.26	TAS			m_e		
TANN	23.13	P	01:53:45.765	-0.6	333.1	10.26	TAS	15.1	1.09	m_e	mb	4.4
TNS	22.06	P	01:53:35.206		333.1	10.26	TAS	17.6	1.14	m_e	mb	4.4
UBR	24.82	P	01:54:03.434		333.1	10.26	TAS	24.0	1.14	m_e	mb	4.8
WERD	23.05	P	01:53:44.869	0.5	333.1	10.26	TAS	12.8	1.05	m_e	mb	4.4
WERN	23.21	P	01:53:46.567	1.7	333.1	10.26	TAS	14.0	1.06	m_e	mb	4.4
WLF	21.90	P	01:53:33.458	-0.2	333.1	10.26	TAS	4.0	0.87	m_e	mb	3.9

Event 70327001 Yunnan, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/26	23:55:08.93			26.3810	99.9360				10.0					69.57	69.57	m i ke	BGR
70327007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	70327007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	69.57		P	00:06:17.236		77.9		5.44		TAS		4.4	0.81	m_e	mb	4.6

Event 70327003 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	
2017/03/27	10:22:20.37			34.2190	137.0050				347.3					19	79.21	85.91	m i ke	BGR
70327009																		

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	70327009
MBB	6.6		BGR	70327009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.74		P	11:02:07.396		11.0		5.51		TAS		1151.6	2.94	m_e	MBB 6.8
ASSE	82.06		P	11:01:56.134		11.0		5.51		TAS		554.8	2.41	m_e	MBB 6.6
BFO	85.91		P	11:02:18.526		11.0		5.51		TAS		530.9	2.27	m_e	MBB 6.5
BRG	81.57		P	11:02:00.344		11.0		5.51		TAS		155.7	1.46	m_e	MBB 6.4
BSEG	80.87		P	11:01:46.028		11.0		5.51		TAS		1097.6	2.60	m_e	MBB 6.6
BUG	83.97		P	11:02:02.044		11.0		5.51		TAS		631.7	2.38	m_e	MBB 6.7
CLL	81.67		P	11:01:58.689		11.0		5.51		TAS		334.6	2.00	m_e	MBB 6.5
CLZ	82.40		P	11:01:57.943		11.0		5.51		TAS		190.3	1.47	m_e	MBB 6.6
FBE	81.79		P	11:02:00.956		11.0		5.51		TAS		623.1	2.07	m_e	MBB 6.6
FLT1	81.68		P	11:01:54.497		11.0		5.51		TAS		309.3	2.04	m_e	MBB 6.5
FUR	84.73		P	11:02:17.371		11.0		5.51		TAS		381.5	1.86	m_e	MBB 6.7
GEC2	83.13		P	11:02:12.049		11.0		5.51		TAS		165.1	1.33	m_e	MBB 6.6
GOR1	81.17		P	11:01:50.465		11.0		5.51		TAS		1584.0	2.71	m_e	MBB 6.8
GRA1	83.63		P	11:02:09.079		11.0		5.51		TAS		359.3	1.70	m_e	MBB 6.8
GTTG	82.79		P	11:01:59.950		11.0		5.51		TAS		325.1	2.15	m_e	MBB 6.7
GUNZ	82.65		P	11:02:04.836	-0.2	11.0		5.51		TAS		465.5	2.13	m_e	MBB 6.6
HLG	81.63		P	11:01:46.232		11.0		5.51		TAS		1187.0	2.30	m_e	MBB 6.9
IBBN	83.11		P	11:01:57.158		11.0		5.51		TAS				m_e	
KAST	83.69		P	11:02:02.635		11.0		5.51		TAS		798.3	2.79	m_e	MBB 6.7
MANZ	83.02		P	11:02:06.698		11.0		5.51		TAS		29.6	1.52	m_e	MBB 5.9
MOX	82.76		P	11:02:03.722	-1.0	11.0		5.51		TAS		412.3	2.22	m_e	MBB 6.7
NEUB	82.29		P	11:02:00.471		11.0		5.51		TAS		352.7	1.85	m_e	MBB 6.6
NRDL	82.02		P	11:01:54.514		11.0		5.51		TAS		648.6	2.59	m_e	MBB 6.6
PLN	82.63		P	11:02:04.332		11.0		5.51		TAS		652.5	2.42	m_e	MBB 6.7
RETH	82.15		P	11:01:53.788		11.0		5.51		TAS		674.8	2.29	m_e	MBB 6.6
RGN	79.21		P	11:01:40.815		11.0		5.51		TAS				m_e	
RJOB	84.35		P	11:02:18.564		11.0		5.51		TAS		68.6	0.89	m_e	MBB 6.7
ROTZ	83.14		P	11:02:08.064		11.0		5.51		TAS		62.5	1.81	m_e	MBB 6.1
RUE	80.50		P	11:01:51.543		11.0		5.51		TAS		999.7	2.62	m_e	MBB 6.6
STU	85.20		P	11:02:15.346		11.0		5.51		TAS		1154.0	2.62	m_e	MBB 6.9
TANN	82.55		P	11:02:04.397		11.0		5.51		TAS		309.4	1.86	m_e	MBB 6.7
TNS	84.42		P	11:02:08.094		11.0		5.51		TAS		537.8	2.56	m_e	MBB 6.6
UBR	85.62		P	11:02:20.658		11.0		5.51		TAS		226.0	1.65	m_e	MBB 6.6
WERN	82.68		P	11:02:05.301	1.0	11.0		5.51		TAS		200.8	1.43	m_e	MBB 6.6
WLF	85.80		P	11:02:12.736		11.0		5.51		TAS		132.0	1.54	m_e	MBB 6.6

Event 70327005 Eastern Sea of Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/27	22:31:28.02			42.0590	138.5090				30.5	1.2		30		74.43	79.84	m i ke	BGR
70327011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	70327011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.50		P	22:43:24.094	0.1	36.8		5.65		TAS		28.9	0.93	m_e mb	5.4
AHRW	78.50		pP	22:43:33.157	-0.6					T__				m_e	
ASSE	75.88		P	22:43:09.092	-0.2	36.8		5.65		TAS		7.8	0.94	m_e mb	4.8
BFO	79.84		P	22:43:31.671	-0.1	36.8		5.65		TAS		30.2	0.96	m_e mb	5.2
BRG	75.60		P	22:43:07.408	-0.5	36.8		5.65		TAS		11.6	0.84	m_e mb	5.0
BSEG	74.58		P	22:43:01.425	0.3	36.8		5.65		TAS		29.5	0.87	m_e mb	5.3
BUG	77.69		P	22:43:19.272	-0.1	36.8		5.65		TAS		28.6	1.02	m_e mb	5.3
CLL	75.64		P	22:43:07.944	-0.1	36.8		5.65		TAS		27.8	0.87	m_e mb	5.4
CLZ	76.22		P	22:43:10.947	0.5	36.8		5.65		TAS		29.9	0.95	m_e mb	5.4
FBE	75.80		P	22:43:08.709	-0.3	36.8		5.65		TAS		29.7	0.94	m_e mb	5.4
FLT1	75.51		P	22:43:06.643	-0.6	36.8		5.65		TAS		37.8	0.83	m_e mb	5.6
FUR	78.81		P	22:43:26.076	0.2	36.8		5.65		TAS		35.7	0.96	m_e mb	5.4
FUR	78.81		pP	22:43:34.802	-0.6					T__				m_e	
GEC2	77.28		P	22:43:17.511	0.1	36.8		5.65		TAS		8.9	0.88	m_e mb	4.9
GRA1	77.61		P	22:43:19.433	0.4	36.8		5.65		TAS		42.6	0.89	m_e mb	5.6
GTTG	76.61		P	22:43:13.684	0.2	36.8		5.65		TAS		30.1	1.04	m_e mb	5.4
GUNZ	76.64		P	22:43:13.761	0.0	36.8		5.65		TAS		9.6	0.85	m_e mb	5.0
IBBN	76.80		P	22:43:14.450	0.1	36.8		5.65		TAS		33.6	0.98	m_e mb	5.4
IBBN	76.80		pP	22:43:23.191	-0.6					T__				m_e	
KAST	77.47		P	22:43:18.430	0.2	36.8		5.65		TAS		14.4	0.93	m_e mb	5.1
KAST	77.47		pP	22:43:27.043	-0.6					T__				m_e	
MANZ	77.03		P	22:43:15.980	0.0	36.8		5.65		TAS		3.2	0.95	m_e mb	4.4
MANZ	77.03		pP	22:43:24.591	-0.6					T__				m_e	
MOX	76.70		P	22:43:14.067	0.0	36.8		5.65		TAS		9.2	0.90	m_e mb	4.9
NEUB	76.21		P	22:43:11.235	-0.0	36.8		5.65		TAS		34.4	0.85	m_e mb	5.5
NRDL	75.80		P	22:43:08.786	-0.0	36.8		5.65		TAS		15.2	0.91	m_e mb	5.1
RJOB	78.52		P	22:43:24.617	0.4	36.8		5.65		TAS		18.9	0.91	m_e mb	5.1
RJOB	78.52		pP	22:43:33.495	-0.6					T__				m_e	
ROTZ	77.16		P	22:43:16.939	0.4	36.8		5.65		TAS		3.3	0.93	m_e mb	4.5
ROTZ	77.16		pP	22:43:25.588	-0.6					T__				m_e	
RUE	74.43		P	22:43:00.645	-0.2	36.8		5.65		TAS		28.5	0.82	m_e mb	5.3
STU	79.15		P	22:43:27.971	-0.4	36.8		5.65		TAS		72.3	0.88	m_e mb	5.7
STU	79.15		pP	22:43:36.391	-0.6					T__				m_e	
TANN	76.55		P	22:43:13.301	0.1	36.8		5.65		TAS		5.9	0.90	m_e mb	4.7
TNS	78.25		P	22:43:22.869	0.2	36.8		5.65		TAS		16.8	1.02	m_e mb	5.1
TNS	78.25		pP	22:43:31.612	-0.6					T__				m_e	
UBR	79.67		P	22:43:30.539	-0.6	36.8		5.65		TAS		7.0	0.97	m_e mb	4.6
WERN	76.69		P	22:43:14.143	0.1	36.8		5.65		TAS		13.3	0.84	m_e mb	5.1
WLF	79.56		P	22:43:30.201	-0.2	36.8		5.65		TAS		11.3	1.03	m_e mb	4.7

Event 70329002 Near east coast of Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/29	04:09:28.51		57.0360	162.6240				26.7	2.1		36	66.01	73.17	m	i ke	BGR	
70329008																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	70329008
MBB	6.9		BGR	70329008
Ms	6.6		BGR	70329008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	70.90		P	04:20:40.267	-0.0	16.1		6.14		TAS				m_e	
ASSE	68.79		P	04:20:27.485	0.1	16.1		6.14		TAS		161.9	1.22	m_e	MBB 6.9
BRG	69.40		P	04:20:31.104	-0.0	16.1		6.14		TAS		134.7	1.10	m_e	MBB 6.8
BSEG	67.11		P	04:20:17.013	-0.0	16.1		6.14		TAS		438.7	1.66	m_e	MBB 7.0
BSEG	67.11		pP	04:20:24.867	-1.8					T__				m_e	
BUG	70.00		P	04:20:34.954	0.2	16.1		6.14		TAS		225.2	1.12	m_e	MBB 7.0
CLL	69.16		P	04:20:29.410	-0.3	16.1		6.14		TAS		294.4	1.20	m_e	MBB 6.9
CLZ	69.11		P	04:20:29.249	0.3	16.1		6.14		TAS		333.5	1.17	m_e	MBB 7.0
FBE	69.46		P	04:20:31.335	-0.2	16.1		6.14		TAS		281.2	1.26	m_e	MBB 6.8
FLT1	68.49		P	04:20:25.159	-0.5	16.1		6.14		TAS		129.0	1.14	m_e	MBB 6.8
FLT1	68.49		pP	04:20:32.721	-1.8					T__				m_e	
FUR	72.50		P	04:20:50.046	-0.2	16.1		6.14		TAS		389.3	1.64	m_e	MBB 6.9
FUR	72.50		pP	04:20:57.669	-1.8					T__				m_e	
GEC2	71.38		P	04:20:43.578	0.3	16.1		6.14		TAS		160.1	1.13	m_e	MBB 6.9
GEC2	71.38		pP	04:20:50.508	-1.8					T__				m_e	
GOR1	67.85		P	04:20:21.479	-0.2	16.1		6.14		TAS		365.1	1.11	m_e	MBB 7.2
GRA1	71.03		P	04:20:41.730	0.5	16.1		6.14		TAS		275.6	1.09	m_e	mb 6.3
GRA1	71.03		pP	04:20:49.353	-1.8					T__				m_e	
GRA1	71.03		L	04:55:44.791						T__		37071.4	20.60	a_e	Ms 6.6
GTTG	69.47		P	04:20:31.566	-0.0	16.1		6.14		TAS		101.7	1.03	m_e	MBB 7.0
GUNZ	70.19		P	04:20:36.263	0.2	16.1		6.14		TAS		208.8	1.19	m_e	MBB 6.8
HLG	67.24		P	04:20:17.782	0.6	16.1		6.14		TAS		396.9	1.05	m_e	MBB 7.1
IBBN	69.08		P	04:20:29.410	0.3	16.1		6.14		TAS		326.2	1.09	m_e	MBB 7.0
KAST	70.05		P	04:20:35.339	0.2	16.1		6.14		TAS		140.0	1.15	m_e	MBB 6.9
MANZ	70.59		P	04:20:38.496	-0.0	16.1		6.14		TAS		29.6	1.07	m_e	MBB 6.2
MANZ	70.59		pP	04:20:46.273	-1.8					T__				m_e	
MOX	70.05		P	04:20:35.339	0.2	16.1		6.14		TAS		153.7	1.10	m_e	MBB 6.9
MOX	70.05		L	04:54:31.254						T__		32903.7	21.70	a_e	Ms 6.5
NEUB	69.49		P	04:20:31.566	-0.2	16.1		6.14		TAS		147.6	1.21	m_e	MBB 7.1
NRDL	68.53		P	04:20:25.560	-0.2	16.1		6.14		TAS		126.3	1.05	m_e	MBB 6.9
NRDL	68.53		pP	04:20:33.337	-1.8					T__				m_e	
PLN	70.10		P	04:20:35.570	0.1	16.1		6.14		TAS		156.0	1.14	m_e	MBB 6.9
RETH	68.42		P	04:20:25.098	0.0	16.1		6.14		TAS		234.0	1.17	m_e	MBB 6.9
RGN	66.01		P	04:20:10.314	-0.0	16.1		6.14		TAS		774.5	1.03	m_e	MBB 7.2
RGN	66.01		pP	04:20:17.629	-1.8					T__				m_e	
RJOB	72.62		P	04:20:51.278	0.4	16.1		6.14		TAS		143.8	0.89	m_e	MBB 6.9
ROTZ	70.78		P	04:20:39.959	0.3	16.1		6.14		TAS		45.1	1.17	m_e	MBB 6.3
ROTZ	70.78		pP	04:20:47.505	-1.8					T__				m_e	
RUE	67.90		P	04:20:21.864	-0.1	16.1		6.14		TAS		318.1	1.12	m_e	MBB 7.1
RUE	67.90		pP	04:20:29.256	-1.8					T__				m_e	
STU	72.28		P	04:20:48.198	-0.7	16.1		6.14		TAS		478.5	1.51	m_e	MBB 7.2
STU	72.28		pP	04:20:55.975	-1.8					T__				m_e	

TANN	70.11	P	04:20:35.801	0.2	16.1	6.14	TAS	366.8	1.75	m_e	MBB	6.9
TNS	71.00	P	04:20:40.883	-0.1	16.1	6.14	TAS	91.8	1.04	m_e	MBB	6.8
UBR	73.17	P	04:20:54.281	-0.1	16.1	6.14	TAS	181.6	1.13	m_e	MBB	6.9
UBR	73.17	pP	04:21:01.518	-1.8			T__				m_e	
WERD	70.11	P	04:20:35.724	0.2	16.1	6.14	TAS	227.0	1.16	m_e	MBB	6.7
WERN	70.25	P	04:20:36.802	0.4	16.1	6.14	TAS	196.8	1.03	m_e	MBB	6.7
WLF	71.90	P	04:20:46.504	0.2	16.1	6.14	TAS	242.9	1.62	m_e	MBB	6.8
WLF	71.90	pP	04:20:54.050	-1.8			T__				m_e	

Event 70329003 Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/29	05:27:48.62			57.7990	161.9770				14.2	1.3		19		68.25	72.34	m i ke	BGR
OrigID 70329009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	70329009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	68.56	P		05:38:55.100	-0.2	16.1		6.18		TAS		6.1	0.86	m_e	mb 4.8
BUG	69.17	P		05:38:59.359	0.4	16.1		6.18		TAS		8.3	0.78	m_e	mb 5.0
CLL	68.32	P		05:38:53.443	-0.5	16.1		6.18		TAS		10.0	0.87	m_e	mb 5.1
CLZ	68.28	P		05:38:53.360	0.3	16.1		6.18		TAS		15.7	0.98	m_e	mb 5.2
FBE	68.62	P		05:38:55.740	0.1	16.1		6.18		TAS		10.7	1.02	m_e	mb 5.0
GEC2	70.54	P		05:39:07.819	0.1	16.1		6.18		TAS		5.6	0.85	m_e	mb 4.7
GRA1	70.20	P		05:39:05.639	0.2	16.1		6.18		TAS		9.8	0.77	m_e	mb 5.0
GUNZ	69.35	P		05:39:00.602	0.3	16.1		6.18		TAS		8.2	0.98	m_e	mb 4.9
GUNZ	69.35	pP		05:39:04.520						T__					m_e
IBBN	68.25	P		05:38:53.325	0.0	16.1		6.18		TAS		19.6	0.87	m_e	mb 5.4
KAST	69.22	P		05:38:59.951	0.6	16.1		6.18		TAS		6.4	0.98	m_e	mb 4.8
KAST	69.22	pP		05:39:03.704						T__					m_e
MANZ	69.75	P		05:39:02.731	-0.0	16.1		6.18		TAS		1.8	0.95	m_e	mb 4.2
MANZ	69.75	pP		05:39:07.115						T__					m_e
MOX	69.21	P		05:38:59.241	-0.2	16.1		6.18		TAS		8.0	0.92	m_e	mb 4.9
RJOB	71.78	P		05:39:15.332	-0.3	16.1		6.18		TAS		12.7	0.75	m_e	mb 5.1
ROTZ	69.94	P		05:39:04.092	0.1	16.1		6.18		TAS		1.9	0.97	m_e	mb 4.2
ROTZ	69.94	pP		05:39:08.126						T__					m_e
TANN	69.28	P		05:39:00.010	0.2	16.1		6.18		TAS		10.8	1.25	m_e	mb 4.9
TNS	70.16	P		05:39:05.412	-0.5	16.1		6.18		TAS		5.3	0.79	m_e	mb 4.7
UBR	72.34	P		05:39:18.457		16.1		6.18		TAS		7.1	0.95	m_e	mb 4.8
WERD	69.27	P		05:38:59.951	0.1	16.1		6.18		TAS		10.6	0.89	m_e	mb 5.1
WERD	69.27	pP		05:39:03.932						T__					m_e
WERN	69.41	P		05:39:00.897	0.2	16.1		6.18		TAS		9.8	0.83	m_e	mb 5.1
WERN	69.41	pP		05:39:04.980						T__					m_e

Event 70329004 Azores Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/29	06:35:36.40			41.4460	-27.5880				10.0					28.13	28.13	m i ke	BGR
OrigID 70329010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	70329010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	28.13		P	06:41:27.986		266.3		8.93		TAS		41.0	1.33	m_e	mb 5.1

Event 70330001 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/29	23:56:32.29			-19.8490	170.7680				68.6	0.5		16		142.82	148.24	m i ke	BGR
OrigID 70330007																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.76		PKPbc	00:16:10.331	0.1	36.0		3.11		TAS				m_e	
BFO	148.24		PKPbc	00:16:14.287	-0.6	36.0		3.11		TAS				m_e	
BRG	144.04		PKPbc	00:16:01.611	0.2	36.0		3.11		TAS				m_e	
BSEG	142.82		PKPbc	00:15:57.806	-0.1	36.0		3.11		TAS				m_e	
BUG	145.91		PKPbc	00:16:07.684	-0.1	36.0		3.11		TAS				m_e	
CLL	144.06		PKPbc	00:16:01.603	-0.8	36.0		3.11		TAS				m_e	
CLZ	144.57		PKPbc	00:16:03.415	-0.1	36.0		3.11		TAS				m_e	
FBE	144.24		PKPbc	00:16:01.746	-0.1	36.0		3.11		TAS				m_e	
FLT1	143.87		PKPbc	00:16:00.608	0.5	36.0		3.11		TAS				m_e	
FUR	147.25		PKPbc	00:16:11.646	-0.1	36.0		3.11		TAS				m_e	
GEC2	145.70		PKPbc	00:16:06.728	0.1	36.0		3.11		TAS				m_e	
GRA1	146.04		PKPbc	00:16:08.149	0.1	36.0		3.11		TAS				m_e	
GTTG	144.96		PKPbc	00:16:04.699	0.1	36.0		3.11		TAS				m_e	
GUNZ	145.07		PKPbc	00:16:04.952		36.0		3.11		TAS				m_e	
IBBN	145.00		PKPbc	00:16:05.157		36.0		3.11		TAS				m_e	
KAST	145.76		PKPbc	00:16:07.348		36.0		3.11		TAS				m_e	
MANZ	145.46		PKPbc	00:16:06.292		36.0		3.11		TAS				m_e	
MOX	145.12		PKPbc	00:16:05.156		36.0		3.11		TAS				m_e	
NEUB	144.62		PKPbc	00:16:03.454		36.0		3.11		TAS				m_e	
NRDL	144.11		PKPbc	00:16:02.196		36.0		3.11		TAS				m_e	
RJOB	146.93		PKPbc	00:16:10.990		36.0		3.11		TAS				m_e	
RJOB	146.93		pPKPbc	00:16:30.458	0.1					T__				m_e	
ROTZ	145.60		PKPbc	00:16:06.512		36.0		3.11		TAS				m_e	

./2017/bull1703.txt

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STU	147.56	PKPbc	00:16:12.910	36.0	3.11	TAS	m_e
TANN	144.98	PKPbc	00:16:04.942	36.0	3.11	TAS	m_e
TNS	146.59	PKPbc	00:16:09.988	36.0	3.11	TAS	m_e
UBR	148.10	PKPbc	00:16:14.512	36.0	3.11	TAS	m_e
UBR	148.10	pPKPbc	00:16:34.122	0.1		T__	m_e
WERD	145.02	PKPbc	00:16:04.942	36.0	3.11	TAS	m_e
WERN	145.12	PKPbc	00:16:05.227	36.0	3.11	TAS	m_e
WLF	147.81	PKPbc	00:16:14.747	36.0	3.11	TAS	m_e
WLF	147.81	pPKPbc	00:16:34.109	0.1		T__	m_e

Event 70330004 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/30	15:40:08.28			-23.2680	-179.5410				500.0			20		148.49	154.45	m i ke	BGR
70330010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.14		PKPbc	15:58:56.748	0.2	20.7		2.33		TAS					m_e
BRG	150.52		PKPbc	15:58:57.877	-0.0	20.7		2.33		TAS					m_e
BSEG	148.49		PKPbc	15:58:52.774	-0.3	20.7		2.33		TAS					m_e
CLL	150.37		PKPbc	15:58:57.361	-0.1	20.7		2.33		TAS					m_e
CLZ	150.47		PKPbc	15:58:57.585	0.2	20.7		2.33		TAS					m_e
FBE	150.63		PKPbc	15:58:57.995	0.6	20.7		2.33		TAS					m_e
FLT1	149.83		PKPbc	15:58:55.870	-0.3	20.7		2.33		TAS					m_e
GEC2	152.40		PKPbc	15:59:02.004	-0.4	20.7		2.33		TAS					m_e
GTTG	150.83		PKPbc	15:58:58.737	0.2	20.7		2.33		TAS					m_e
GUNZ	151.41		PKPbc	15:59:00.055	0.2	20.7		2.33		TAS					m_e
IBBN	150.47		PKPbc	15:58:57.991	0.1	20.7		2.33		TAS					m_e
KAST	151.44		PKPbc	15:59:00.055	0.0	20.7		2.33		TAS					m_e
MANZ	151.81		PKPbc	15:59:00.571	-0.3	20.7		2.33		TAS					m_e
MOX	151.32		PKPbc	15:58:59.597	-0.1	20.7		2.33		TAS					m_e
NEUB	150.78		PKPbc	15:58:58.393	0.0	20.7		2.33		TAS					m_e
NRDL	149.90		PKPbc	15:58:56.404	0.1	20.7		2.33		TAS					m_e
RUE	149.11		PKPbc	15:58:54.380	-0.1	20.7		2.33		TAS					m_e
TANN	151.33		PKPbc	15:58:59.826	0.1	20.7		2.33		TAS					m_e
TNS	152.38		PKPbc	15:59:01.947	-0.2	20.7		2.33		TAS					m_e
UBR	154.45		PKPbc	15:59:06.440		20.7		2.33		TAS					m_e
WERD	151.34		PKPbc	15:58:59.941	0.2	20.7		2.33		TAS					m_e

Event 70331004 Samoa 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
 2017/03/31 06:59:15.87 -15.8430 -172.7250 33.0 20 144.67 148.17 m i ke BGR
 70331010

Magnitude Err Nsta Author OrigID
 Ms 4.6 BGR 70331010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	145.39		PKPbc	07:18:48.716	-0.2	6.8		3.16		TAS				m_e	
BFO	147.59		PKPbc	07:18:55.902	0.2	6.8		3.16		TAS				m_e	
FBE	144.67		PKPbc	07:18:46.627	-0.1	6.8		3.16		TAS				m_e	
FUR	147.60		PKPbc	07:18:56.069	-0.2	6.8		3.16		TAS				m_e	
GEC2	146.67		PKPbc	07:18:52.957	-0.1	6.8		3.16		TAS				m_e	
GRA1	146.09		PKPbc	07:18:51.724	-0.1	6.8		3.16		TAS				m_e	
GRA1	146.09		L	08:09:02.754						T__		144.8	20.20	a_e Ms	4.7
GUNZ	145.33		PKPbc	07:18:48.799	0.1	6.8		3.16		TAS				m_e	
KAST	144.72		PKPbc	07:18:46.543	-0.4	6.8		3.16		TAS				m_e	
MANZ	145.72		PKPbc	07:18:50.053	0.3	6.8		3.16		TAS				m_e	
MOX	145.11		PKPbc	07:18:47.964	-0.5	6.8		3.16		TAS				m_e	
MOX	145.11		L	08:07:05.874						T__		83.0	22.00	a_e Ms	4.5
PLN	145.22		PKPbc	07:18:48.131	0.0	6.8		3.16		TAS				m_e	
RJOB	147.87		PKPbc	07:18:56.570	-0.4	6.8		3.16		TAS				m_e	
ROTZ	145.93		PKPbc	07:18:50.888	0.6	6.8		3.16		TAS				m_e	
TANN	145.26		PKPbc	07:18:48.549	0.1	6.8		3.16		TAS				m_e	
TNS	145.70		PKPbc	07:18:50.303	0.1	6.8		3.16		TAS				m_e	
UBBA	145.04		PKPbc	07:18:47.546	-0.1	6.8		3.16		TAS				m_e	
UBR	148.17		PKPbc	07:18:57.239		6.8		3.16		TAS				m_e	
WERD	145.25		PKPbc	07:18:48.465	0.0	6.8		3.16		TAS				m_e	
WERN	145.40		PKPbc	07:18:49.050	0.3	6.8		3.16		TAS				m_e	
WLF	146.26		PKPbc	07:18:52.643	0.6	6.8		3.16		TAS				m_e	

Event 70331006 Near coast of Chiapas, Mexico
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2017/03/31 09:58:06.70 15.7200 -93.0000 99.0 20 83.97 87.55 m i ke NEIC
 70331088

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.27		pP	10:10:53.080	0.2					T__				m_e	
ASSE	85.89		pP	10:11:01.850	-0.8					T__				m_e	
BSEG	85.07		pP	10:10:57.744	-0.4					T__				m_e	
BUG	84.12		pP	10:10:52.198	-0.2					T__				m_e	
CLZ	85.82		pP	10:11:01.514	-0.1					T__				m_e	
FLT1	86.15		pP	10:11:02.405	-0.2					T__				m_e	

GRA1	87.07	pP	10:11:07.646	-0.0	T__	18.0	1.13	m_e
GUNZ	87.50	pP	10:11:09.419		T__			m_e
IBBN	84.14	pP	10:10:52.700	-0.1	T__			m_e
KAST	84.87	pP	10:10:56.053	-0.2	T__			m_e
MANZ	87.50	pP	10:11:09.441		T__			m_e
MOX	86.97	pP	10:11:06.743	-0.2	T__			m_e
NRDL	85.44	pP	10:11:01.017	1.4	T__			m_e
PLN	87.35	pP	10:11:08.646	-0.1	T__			m_e
RETH	84.93	pP	10:10:57.223	0.2	T__			m_e
TANN	87.55	pP	10:11:09.823		T__			m_e
TNS	85.21	pP	10:10:58.090	0.5	T__			m_e
UBBA	85.95	pP	10:11:01.596	-0.2	T__			m_e
WERN	87.55	pP	10:11:09.811		T__			m_e
WLF	83.97	pP	10:10:50.560	-0.5	T__			m_e

Event 70331012 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/31	17:25:40.74			52.4810	-30.7880				10.0			28		23.22	28.09	m i ke	BGR
70331018																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	70331018
Ms	4.8		BGR	70331018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	23.47		P	17:30:40.470	0.1	292.4		9.01		TAS		28.2	0.78	m_e	mb 4.9
BFO	25.06		P	17:30:55.192	-0.9	292.4		9.01		TAS		21.7	0.90	m_e	mb 4.9
BRG	27.45		P	17:31:16.228		292.4		9.01		TAS		12.5	0.95	m_e	mb 4.6
BSEG	24.42		P	17:30:48.559	0.5	292.4		9.01		TAS		100.2	0.94	m_e	mb 5.3
BUG	23.30		P	17:30:38.892	-0.4	292.4		9.01		TAS		91.0	1.58	m_e	mb 5.1
CLL	26.75		P	17:31:09.607	0.1	292.4		9.01		TAS		23.6	0.73	m_e	mb 5.0
CLZ	25.02		P	17:30:54.966	-0.3	292.4		9.01		TAS		72.1	1.21	m_e	mb 5.3
FBE	27.09		P	17:31:13.339		292.4		9.01		TAS		32.1	1.24	m_e	mb 4.9
FLT1	25.38		P	17:30:56.947	-0.3	292.4		9.01		TAS		31.7	1.18	m_e	mb 4.9
FUR	26.92		P	17:31:12.702		292.4		9.01		TAS		49.2	0.84	m_e	mb 5.3
GEC2	28.09		P	17:31:22.826		292.4		9.01		TAS		17.1	1.00	m_e	mb 4.8
GRA1	26.27		P	17:31:06.472	-0.2	292.4		9.01		TAS		29.9	0.99	m_e	mb 4.9
GRA1	26.27		L	17:40:46.140						T__		2051.2	19.10	a_e	Ms 4.7
GUNZ	26.68		P	17:31:09.756	-0.3	292.4		9.01		TAS		17.1	1.26	m_e	mb 4.6
KAST	24.06		P	17:30:45.917	1.3	292.4		9.01		TAS		58.0	1.23	m_e	mb 5.0
MANZ	26.69		P	17:31:09.387	0.6	292.4		9.01		TAS		3.0	1.09	m_e	mb 3.9
MOX	26.15		P	17:31:05.059	-0.0	292.4		9.01		TAS		21.7	1.29	m_e	mb 4.6
MOX	26.15		L	17:41:10.080						T__		2992.2	18.30	a_e	Ms 4.9
NEUB	26.06		P	17:31:04.168	-0.4	292.4		9.01		TAS		19.2	1.03	m_e	mb 4.7
NRDL	24.67		P	17:30:51.414	-0.3	292.4		9.01		TAS		128.8	1.49	m_e	mb 5.4

PLN	26.53	P	17:31:07.650	0.9	292.4	9.01	TAS	27.8	1.27	m_e	mb	4.8
RETH	24.17	P	17:30:46.469	0.6	292.4	9.01	TAS	71.8	0.97	m_e	mb	5.2
RJOB	28.02	P	17:31:22.419		292.4	9.01	TAS	12.2	0.98	m_e	mb	4.7
ROTZ	26.83	P	17:31:11.246		292.4	9.01	TAS	2.6	0.96	m_e	mb	3.9
TANN	26.74	P	17:31:10.353		292.4	9.01	TAS	20.0	0.92	m_e	mb	4.8
TNS	24.40	P	17:30:50.052	0.5	292.4	9.01	TAS	84.9	0.95	m_e	mb	5.3
UBBA	25.13	P	17:30:55.592	-0.0	292.4	9.01	TAS	8.5	0.90	m_e	mb	4.5
WERD	26.63	P	17:31:09.143	0.1	292.4	9.01	TAS	74.8	2.13	m_e	mb	5.0
WERN	26.73	P	17:31:10.204		292.4	9.01	TAS	30.6	1.58	m_e	mb	4.8
WLF	23.22	P	17:30:38.351	-0.6	292.4	9.01	TAS	35.5	0.95	m_e	mb	4.9

Event 70331013 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/03/31	20:38:42.51			51.5030	-31.6240				10.0			12		23.89	28.80	m i ke	BGR
70331019																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	70331019
Ms	3.4		BGR	70331019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	24.18		P	20:43:59.274	-0.1	290.5		9.00		TAS		11.9	0.61	m_e	mb	4.6
BFO	25.70		P	20:44:13.124	0.7	290.5		9.00		TAS		6.4	0.74	m_e	mb	4.3
BSEG	25.25		P	20:44:08.080	1.5	290.5		9.00		TAS		26.5	0.80	m_e	mb	5.0
BUG	24.04		P	20:43:57.431	-0.5	290.5		9.00		TAS		17.7	0.84	m_e	mb	4.6
CLL	27.52		P	20:44:27.920	-0.9	290.5		9.00		TAS		6.0	0.57	m_e	mb	4.6
GEC2	28.80		P	20:44:40.702	-0.2	290.5		9.00		TAS		2.4	0.65	m_e	mb	4.2
GRA1	26.98		L	20:53:11.657						T__		122.9	19.00	a_e	Ms	3.5
GTTG	25.63		P	20:44:13.640	1.6	290.5		9.00		TAS		43.0	0.86	m_e	mb	5.1
IBBN	24.11		P	20:43:57.292	-0.9	290.5		9.00		TAS		47.2	0.87	m_e	mb	5.0
KAST	24.80		P	20:44:03.702	-1.1	290.5		9.00		TAS		9.9	0.91	m_e	mb	4.5
MOX	26.89		L	20:53:09.126						T__		99.8	21.50	a_e	Ms	3.3
RJOB	28.69		P	20:44:40.301	0.7	290.5		9.00		TAS		2.2	0.65	m_e	mb	4.1
TANN	27.48		P	20:44:27.950	-1.0	290.5		9.00		TAS		5.2	0.81	m_e	mb	4.3
WLF	23.89		P	20:43:56.629	0.1	290.5		9.00		TAS		10.0	0.81	m_e	mb	4.4