

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

(produced by SZO/BGR - HANNOVER)

January 2018

UPDATED 19.March 2020

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

Event 80101002 Azores Islands, Portugal

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/01	09:24:58.00			38.1400	-30.5700				10.0					28.58	33.42	m i ke	NEIC
OrigID 80101041																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	80101008
Ms	3.5		BGR	80101008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	29.32		P	09:31:01.794		264.8		10.03		TAS		36.2	1.53	m_e mb	5.0
BFO	29.82		P	09:31:07.918		264.8		10.03		TAS		11.9	0.94	m_e mb	4.7
BSEG	31.96		P	09:31:26.420		264.8		10.03		TAS		37.5	0.93	m_e mb	5.3
CLL	33.14		P	09:31:36.926		264.8		10.03		TAS		22.7	1.62	m_e mb	4.8
FLT1	32.19		P	09:31:27.983		264.8		10.03		TAS		11.0	0.79	m_e mb	4.8
GEC2	33.42		P	09:31:38.977		264.8		10.03		TAS		3.2	1.10	m_e mb	4.2
GRA1	31.85		L	09:43:07.961						T__		98.3	20.90	a_e Ms	3.5
GRC4	32.00		P	09:31:27.168		264.8		10.03		TAS		8.2	0.78	m_e mb	4.7
GUNZ	32.62		P	09:31:32.824		264.8		10.03		TAS		6.9	1.02	m_e mb	4.5
MANZ	32.44		P	09:31:31.430		264.8		10.03		TAS		1.4	0.89	m_e mb	3.9
MOX	32.19		P	09:31:28.481		264.8		10.03		TAS		53.3	1.96	m_e mb	5.1
MOX	32.19		L	09:44:46.799						T__		101.0	19.20	a_e Ms	3.5
RJOB	32.79		P	09:31:34.091		264.8		10.03		TAS		9.1	1.01	m_e mb	4.7
ROTZ	32.49		P	09:31:31.502		264.8		10.03		TAS		0.5	0.87	m_e mb	3.5
TANN	32.71		P	09:31:33.622		264.8		10.03		TAS		8.0	1.03	m_e mb	4.6
WERN	32.64		P	09:31:33.067		264.8		10.03		TAS		6.0	0.81	m_e mb	4.6
WET	32.89		P	09:31:34.293		264.8		10.03		TAS		13.1	1.51	m_e mb	4.6
WLF	28.58		P	09:30:56.934		264.8		10.03		TAS		22.3	1.14	m_e mb	4.9

Event 80101001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/01	20:07:43.47			-21.1360	-176.2440				33.0			20		147.77	153.03	m i ke	BGR
OrigID 80101007																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.6		BGR	80101007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	152.62		PKPbc	20:27:37.436		14.4		2.48		TAS					m_e
BRG	149.26		PKPbc	20:27:29.309	0.4	14.4		2.48		TAS					m_e
CLL	149.03		PKPbc	20:27:28.609	0.2	14.4		2.48		TAS					m_e
CLZ	148.92		PKPbc	20:27:28.742	0.2	14.4		2.48		TAS					m_e
FBE	149.33		PKPbc	20:27:29.915	-0.1	14.4		2.48		TAS					m_e
FLT1	148.33		PKPbc	20:27:26.257	-0.1	14.4		2.48		TAS					m_e
GEC2	151.23		PKPbc	20:27:34.480		14.4		2.48		TAS					m_e
GRA1	150.89		L	21:42:46.740						T__		109.0	18.00	a_e Ms	4.7
GTTG	149.26		PKPbc	20:27:29.313	0.4	14.4		2.48		TAS					m_e
GUNZ	150.06		PKPbc	20:27:31.487		14.4		2.48		TAS					m_e
MANZ	150.46		PKPbc	20:27:32.689		14.4		2.48		TAS					m_e
MOX	149.91		PKPbc	20:27:31.040	-0.6	14.4		2.48		TAS					m_e
MOX	149.91		L	21:36:59.946						T__		74.0	20.30	a_e Ms	4.5
RJOB	152.47		PKPbc	20:27:36.762		14.4		2.48		TAS					m_e
ROTZ	150.65		PKPbc	20:27:32.967		14.4		2.48		TAS					m_e
RUE	147.77		PKPbc	20:27:24.856	-0.1	14.4		2.48		TAS					m_e
TANN	149.98		PKPbc	20:27:31.292		14.4		2.48		TAS					m_e
TNS	150.74		PKPbc	20:27:33.028		14.4		2.48		TAS					m_e
UBR	153.03		PKPbc	20:27:38.232		14.4		2.48		TAS					m_e
WERD	149.98		PKPbc	20:27:31.508		14.4		2.48		TAS					m_e
WERN	150.12		PKPbc	20:27:31.811		14.4		2.48		TAS					m_e
WLF	151.47		PKPbc	20:27:35.459		14.4		2.48		TAS					m_e

Event 80102001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2018/01/02	04:24:19.00	10.85	0.86	41.2000	22.8800	213.5	42.3	140	10.0				10	337	8.02	12.31	m i ke	GFZ
OrigID 80102053																		

Magnitude	Err	Nsta	Author	OrigID
ML	4.8		BGR	80102007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	10.03		Pn	04:26:41.813	-0.0					T__					m_e

JAVC	8.50	Pn	04:26:20.029	0.3	T__	m_e	ML	4.8
KRUC	9.10	Pn	04:26:28.053	-0.3	T__	m_e		
MOA	9.05	Pn	04:26:29.035	0.1	T__	m_e		
OBKA	8.02	Pn	04:26:14.274	-0.8	T__	m_e	ML	4.9
PLONS	11.32	Pn	04:26:59.689	0.9	T__	m_e		
SLE	12.18	Pn	04:27:09.030	-1.4	T__	m_e		
SULZ	12.31	Pn	04:27:11.207	-0.8	T__	m_e		
UBR	11.19	Pn	04:26:59.040	1.7	T__	m_e		
WTTA	10.09	Pn	04:26:43.046	0.4	T__	m_e		

Event 80102005 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/02	05:16:57.10			-18.2200	-175.3300				234.0			26		144.91	150.28	m i ke	NEIC
	80102044																

Magnitude	Err	Nsta	Author	OrigID
Ms	4.4		BGR	80102011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	149.82		PKPbc	05:36:18.437		11.9		2.75		TAS				m_e	
BRG	146.59		PKPbc	05:36:10.387	0.2	11.9		2.75		TAS				a_e	
CLL	146.33		PKPbc	05:36:09.466	-0.0	11.9		2.75		TAS				m_e	
CLZ	146.15		PKPbc	05:36:09.293	0.0	11.9		2.75		TAS				m_e	
FBE	146.65		PKPbc	05:36:10.937	0.2	11.9		2.75		TAS				m_e	
FLT1	145.57		PKPbc	05:36:06.887	0.1	11.9		2.75		TAS				a_e	
GEC2	148.59		PKPbc	05:36:15.660		11.9		2.75		TAS				m_e	
GOR1	144.91		PKPbc	05:36:05.565	-0.2	11.9		2.75		TAS				m_e	
GRA1	148.16		L	06:36:12.427						T__		63.2	21.60	a_e	Ms 4.4
GTTG	146.48		PKPbc	05:36:10.086	0.1	11.9		2.75		TAS				m_e	
GUNZ	147.35		PKPbc	05:36:12.576	-0.3	11.9		2.75		TAS				m_e	
IBBN	145.90		PKPbc	05:36:08.715	0.3	11.9		2.75		TAS				m_e	
KAST	146.96		PKPbc	05:36:11.314	0.1	11.9		2.75		TAS				m_e	
MANZ	147.75		PKPbc	05:36:13.652		11.9		2.75		TAS				m_e	
MOX	147.18		PKPbc	05:36:12.003	0.4	11.9		2.75		TAS				m_e	
MOX	147.18		L	06:40:46.409						T__		57.2	18.10	a_e	Ms 4.4
NEUB	146.62		PKPbc	05:36:10.419	0.2	11.9		2.75		TAS				m_e	
NRDL	145.53		PKPbc	05:36:07.087	0.3	11.9		2.75		TAS				m_e	
PLN	147.26		PKPbc	05:36:12.326	0.2	11.9		2.75		TAS				m_e	
RETH	145.36		PKPbc	05:36:06.551	-0.7	11.9		2.75		TAS				m_e	
ROTZ	147.95		PKPbc	05:36:14.215		11.9		2.75		TAS				m_e	
RUE	145.08		PKPbc	05:36:05.438	-0.5	11.9		2.75		TAS				m_e	
TANN	147.28		PKPbc	05:36:12.352	0.4	11.9		2.75		TAS				m_e	
TNS	147.93		PKPbc	05:36:14.039	-0.4	11.9		2.75		TAS				m_e	
UBR	150.28		PKPbc	05:36:20.005		11.9		2.75		TAS				m_e	
WERD	147.27		PKPbc	05:36:12.360	0.2	11.9		2.75		TAS				m_e	

WERN	147.42	PKPbc	05:36:12.954	-0.7	11.9	2.75	TAS	m_e
WLF	148.61	PKPbc	05:36:16.403		11.9	2.75	TAS	m_e

Event 80102006 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/02	14:57:18.92			-24.8200	178.4600				577.0			30		149.60	155.38	m i ke	NEIC
	80102045																

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	153.47		PKPdf	15:16:04.583		26.5		2.26		TAS					m_e
ASSE	151.19		PKPdf	15:16:00.175		26.5		2.26		TAS					m_e
ASSE	151.19		PKPbc	15:16:07.077	0.0	26.5		2.26		TAS					m_e
BFO	155.28		PKPdf	15:16:05.187		26.5		2.26		TAS					m_e
BRG	151.38		PKPdf	15:16:00.672		26.5		2.26		TAS					m_e
BRG	151.38		PKPbc	15:16:07.823	-0.1	26.5		2.26		TAS					m_e
BSEG	149.60		PKPdf	15:15:57.935		26.5		2.26		TAS					m_e
BSEG	149.60		PKPbc	15:16:03.546	1.1	26.5		2.26		TAS					m_e
CLL	151.29		PKPdf	15:16:00.352		26.5		2.26		TAS					m_e
CLL	151.29		PKPbc	15:16:07.492	-0.3	26.5		2.26		TAS					m_e
CLZ	151.52		PKPdf	15:16:01.204		26.5		2.26		TAS					m_e
CLZ	151.52		PKPbc	15:16:08.238	-0.2	26.5		2.26		TAS					m_e
FBE	151.52		PKPdf	15:16:01.170		26.5		2.26		TAS					m_e
FBE	151.52		PKPbc	15:16:08.238	0.2	26.5		2.26		TAS					m_e
FLT1	150.86		PKPdf	15:15:59.428		26.5		2.26		TAS					m_e
FLT1	150.86		PKPbc	15:16:06.212	-0.2	26.5		2.26		TAS					m_e
FUR	154.60		PKPdf	15:16:04.654		26.5		2.26		TAS					m_e
GEC2	153.20		PKPdf	15:16:02.877		26.5		2.26		TAS					m_e
GEC2	153.20		PKPbc	15:16:11.473		26.5		2.26		TAS					m_e
GOR1	150.24		PKPdf	15:15:59.108		26.5		2.26		TAS					m_e
GOR1	150.24		PKPbc	15:16:05.160	-0.2	26.5		2.26		TAS					m_e
GRA1	153.25		PKPdf	15:16:03.584		26.5		2.26		TAS					m_e
GRA1	153.25		PKPbc	15:16:11.828		26.5		2.26		TAS					m_e
GTTG	151.90		PKPdf	15:16:01.312		26.5		2.26		TAS					m_e
GTTG	151.90		PKPbc	15:16:08.878	-0.4	26.5		2.26		TAS					m_e
GUNZ	152.33		PKPdf	15:16:02.379		26.5		2.26		TAS					m_e
GUNZ	152.33		PKPbc	15:16:09.938	-0.2	26.5		2.26		TAS					m_e
HLG	149.84		PKPbc	15:16:03.707	-0.3	26.5		2.26		TAS					a_e
IBBN	151.66		PKPdf	15:16:00.992		26.5		2.26		TAS					m_e
IBBN	151.66		PKPbc	15:16:08.203	-0.5	26.5		2.26		TAS					m_e
KAST	152.57		PKPdf	15:16:01.988		26.5		2.26		TAS					m_e
KAST	152.57		PKPbc	15:16:10.239	1.3	26.5		2.26		TAS					m_e
MANZ	152.73		PKPdf	15:16:02.308		26.5		2.26		TAS					m_e
MANZ	152.73		PKPbc	15:16:10.762	0.2	26.5		2.26		TAS					m_e

MOX	152.28	PKPdf	15:16:01.846		26.5	2.26	TAS	m_e
MOX	152.28	PKPbc	15:16:09.564	-0.4	26.5	2.26	TAS	m_e
NEUB	151.75	PKPdf	15:16:01.490		26.5	2.26	TAS	m_e
NEUB	151.75	PKPbc	15:16:08.416	-0.3	26.5	2.26	TAS	m_e
NRDL	150.98	PKPdf	15:15:59.890		26.5	2.26	TAS	m_e
NRDL	150.98	PKPbc	15:16:06.722	-0.3	26.5	2.26	TAS	m_e
PLN	152.27	PKPdf	15:16:01.881		26.5	2.26	TAS	m_e
PLN	152.27	PKPbc	15:16:09.625	0.3	26.5	2.26	TAS	m_e
RETH	150.92	PKPdf	15:15:59.961		26.5	2.26	TAS	m_e
RETH	150.92	PKPbc	15:16:06.603	-0.2	26.5	2.26	TAS	m_e
ROTZ	152.89	PKPdf	15:16:02.485		26.5	2.26	TAS	m_e
ROTZ	152.89	PKPbc	15:16:10.869	0.1	26.5	2.26	TAS	m_e
RUE	150.03	PKPbc	15:16:04.506	1.1	26.5	2.26	TAS	m_e
STU	154.65	PKPdf	15:16:05.081		26.5	2.26	TAS	m_e
TANN	152.24	PKPdf	15:16:01.739		26.5	2.26	TAS	m_e
TANN	152.24	PKPbc	15:16:09.625	0.0	26.5	2.26	TAS	m_e
TNS	153.48	PKPdf	15:16:03.694		26.5	2.26	TAS	m_e
TNS	153.48	PKPbc	15:16:12.144	-0.2	26.5	2.26	TAS	m_e
UBBA	152.56	PKPdf	15:16:01.952		26.5	2.26	TAS	m_e
UBBA	152.56	PKPbc	15:16:10.736	-0.5	26.5	2.26	TAS	m_e
UBR	155.38	PKPdf	15:16:05.578		26.5	2.26	TAS	m_e
WERD	152.26	PKPdf	15:16:01.952		26.5	2.26	TAS	m_e
WERD	152.26	PKPbc	15:16:09.696	0.5	26.5	2.26	TAS	m_e
WERN	152.38	PKPdf	15:16:02.130		26.5	2.26	TAS	m_e
WERN	152.38	PKPbc	15:16:10.253	0.3	26.5	2.26	TAS	m_e
WET	153.22	PKPdf	15:16:03.051		26.5	2.26	TAS	m_e
WET	153.22	PKPbc	15:16:11.828		26.5	2.26	TAS	m_e
WLF	154.48	PKPdf	15:16:05.436		26.5	2.26	TAS	m_e
WLF	154.48	PKPbc	15:16:14.349	-0.8	26.5	2.26	TAS	m_e

Event 80102007 Northern Algeria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/02	20:59:33.97			36.0110	2.7540				33.0					12.98	18.68	m i ke	BGR
80102013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	80102013
Ms	3.5		BGR	80102013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	12.98		L	21:06:24.611						T__		219.8	21.30	a_e Ms	3.2
BSEG	18.68		P	21:03:55.090		204.6		12.16		TAS		116.6	1.63	m_e mb	4.9
BSEG	18.68		L	21:10:22.157						T__		555.2	18.60	a_e Ms	3.9
CLL	16.97		L	21:09:11.499						T__		326.7	21.00	a_e Ms	3.5
FBE	16.74		P	21:03:31.200		204.6		12.16		TAS		39.2	1.56	m_e mb	4.3

FUR	13.68	L	21:07:43.697			T__	564.8	18.00	a_e	Ms	3.7
GEC2	15.14	P	21:03:09.373	204.6	12.16	TAS	41.0	1.57	m_e		
GEC2	15.14	L	21:08:19.482			T__	330.6	19.80	a_e	Ms	3.5
GRA1	15.00	P	21:03:09.147	204.6	12.16	TAS	53.7	1.19	m_e		
GRA1	15.00	L	21:08:03.325			T__	647.4	18.20	a_e	Ms	3.8
MOX	15.97	L	21:08:30.989			T__	269.5	21.70	a_e	Ms	3.4
RETH	17.36	P	21:03:41.786	204.6	12.16	TAS	114.5	1.64	m_e		
TANN	16.02	P	21:03:21.228	204.6	12.16	TAS	22.3	1.47	m_e		
TNS	14.79	L	21:07:49.691			T__	426.3	19.80	a_e	Ms	3.6
UBBA	15.70	P	21:03:20.144	204.6	12.16	TAS	63.3	1.92	m_e		
WET	15.08	P	21:03:07.688	204.6	12.16	TAS	27.6	1.63	m_e		
WET	15.08	L	21:08:26.770			T__	222.0	20.30	a_e	Ms	3.3

Event 80103004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/03	06:42:47.10			-19.9900	-177.9400				596.0			28		145.53	151.62	m i ke	EMSC
	80103036																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.26		PKPbc	07:01:30.716	0.2	17.1		2.47		TAS					m_e
ASSE	147.23		PKPbc	07:01:23.723	0.4	17.1		2.47		TAS					m_e
BFO	151.28		PKPbc	07:01:33.374		17.1		2.47		TAS					m_e
BRG	147.78		PKPbc	07:01:25.482	0.3	17.1		2.47		TAS					m_e
BSEG	145.53		PKPbc	07:01:19.326	-0.3	17.1		2.47		TAS					m_e
CLL	147.58		PKPbc	07:01:24.769	1.3	17.1		2.47		TAS					m_e
CLZ	147.55		PKPbc	07:01:24.928	0.1	17.1		2.47		TAS					a_e
FBE	147.87		PKPbc	07:01:25.986	0.2	17.1		2.47		TAS					m_e
FLT1	146.94		PKPbc	07:01:22.865	-0.2	17.1		2.47		TAS					m_e
GEC2	149.73		PKPbc	07:01:30.079		17.1		2.47		TAS					m_e
GRA1	149.47		PKPbc	07:01:29.782		17.1		2.47		TAS					m_e
GTTG	147.90		PKPbc	07:01:25.858	-0.2	17.1		2.47		TAS					m_e
GUNZ	148.61		PKPbc	07:01:27.709	-0.1	17.1		2.47		TAS					m_e
KAST	148.45		PKPbc	07:01:27.057	0.1	17.1		2.47		TAS					m_e
MANZ	149.02		PKPbc	07:01:28.629	-0.5	17.1		2.47		TAS					m_e
MOX	148.49		PKPbc	07:01:27.279	-0.1	17.1		2.47		TAS					m_e
NRDL	146.96		PKPbc	07:01:23.158	0.1	17.1		2.47		TAS					m_e
PLN	148.53		PKPbc	07:01:27.274	0.2	17.1		2.47		TAS					m_e
RETH	146.83		PKPbc	07:01:22.906	-0.3	17.1		2.47		TAS					m_e
RJOB	150.98		PKPbc	07:01:32.639		17.1		2.47		TAS					m_e
ROTZ	149.21		PKPbc	07:01:29.044		17.1		2.47		TAS					m_e
TANN	148.54		PKPbc	07:01:27.394	0.3	17.1		2.47		TAS					m_e
TNS	149.41		PKPbc	07:01:29.493	-0.6	17.1		2.47		TAS					m_e
UBBA	148.60		PKPbc	07:01:27.277	0.3	17.1		2.47		TAS					m_e

UBR	151.62	PKPbc	07:01:34.323	17.1	2.47	TAS	m_e
WERD	148.54	PKPbc	07:01:27.410	0.2 17.1	2.47	TAS	m_e
WERN	148.68	PKPbc	07:01:27.871	-0.7 17.1	2.47	TAS	m_e
WLF	150.21	PKPbc	07:01:32.040	17.1	2.47	TAS	m_e

Event 80103005 Bonin Islands, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/03	21:30:26.34			28.9050	139.4030				33.0					87.15	91.51	m i ke	BGR
OrigID 80103011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	80103011
Ms	5.1		BGR	80103011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	91.51		P	21:43:27.448		49.6		4.19		TAS		12.5	0.95	m_e mb	5.2
BRG	87.15		P	21:43:07.766		49.6		4.19		TAS		4.6	0.94	m_e mb	4.6
CLL	87.26		P	21:43:07.777		49.6		4.19		TAS		6.2	0.83	m_e mb	4.8
FBE	87.38		P	21:43:09.378		49.6		4.19		TAS		9.2	0.88	m_e mb	4.9
FUR	90.30		P	21:43:22.931		49.6		4.19		TAS		9.9	0.80	m_e mb	5.1
GEC2	88.68		P	21:43:15.365		49.6		4.19		TAS		4.4	0.92	m_e mb	4.7
GRA1	89.22		P	21:43:17.891		49.6		4.19		TAS		7.9	0.78	m_e mb	5.0
GRA1	89.22		L	22:31:57.949						T__		1043.1	18.10	a_e Ms	5.3
MOX	88.35		L	22:28:50.507						T__		483.9	20.20	a_e Ms	4.9
ROTZ	88.72		P	21:43:16.129		49.6		4.19		TAS		2.8	1.24	m_e mb	4.4
UBR	91.19		P	21:43:26.247		49.6		4.19		TAS		7.9	1.01	m_e mb	5.0

Event 80103006 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/03	22:15:11.90			34.7400	25.1120				33.0					18.09	18.69	m i ke	BGR
OrigID 80103012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	80103012
Ms	4.0		BGR	80103012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	18.09		P	22:19:21.226		136.9		11.14		TAS		30.3	1.37	m_e mb	4.2
GRA1	18.09		L	22:31:57.948						T__		1043.1	18.10	a_e Ms	4.1
MOX	18.69		L	22:30:26.019						T__		546.8	20.40	a_e Ms	3.8

Event 80104005 Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/04	02:45:08.47			55.0180	157.8640				33.0			23		66.98	73.88	m i ke	BGR
OrigID 80104011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	80104011
Ms	4.5		BGR	80104011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	73.88		L	03:33:14.866						T__		236.0	20.90	a_e	Ms 4.5
BRG	70.27		P	02:56:16.104	-0.3	19.4		6.02		TAS		12.2	0.83	m_e	mb 5.1
BSEG	68.17		P	02:56:03.678	-0.0	19.4		6.02		TAS		22.8	0.80	m_e	mb 5.5
BSEG	68.17		L	03:28:30.300						T__		234.0	21.90	a_e	Ms 4.4
CLL	70.08		P	02:56:14.982	0.0	19.4		6.02		TAS		49.9	0.74	m_e	mb 5.7
CLL	70.08		L	03:27:34.954						T__		389.5	19.40	a_e	Ms 4.7
CLZ	70.13		P	02:56:15.990	0.0	19.4		6.02		TAS		32.2	0.87	m_e	mb 5.5
FBE	70.36		P	02:56:16.952	-0.1	19.4		6.02		TAS		29.9	0.90	m_e	mb 5.4
FLT1	69.49		P	02:56:11.157	-0.3	19.4		6.02		TAS		19.0	0.76	m_e	mb 5.4
FUR	73.42		L	03:27:59.968						T__		341.5	21.90	a_e	Ms 4.6
GEC2	72.22		P	02:56:28.081		19.4		6.02		TAS		14.4	0.62	m_e	mb 5.3
GEC2	72.22		L	03:27:55.842						T__		380.6	19.40	a_e	Ms 4.7
GRA1	71.99		P	02:56:27.187		19.4		6.02		TAS		26.3	0.76	m_e	mb 5.4
GRA1	71.99		L	03:27:04.622						T__		315.6	21.50	a_e	Ms 4.5
GUNZ	71.11		P	02:56:21.550		19.4		6.02		TAS		20.1	0.84	m_e	mb 5.3
MANZ	71.52		P	02:56:23.640		19.4		6.02		TAS		2.3	0.84	m_e	mb 4.3
MOX	71.00		P	02:56:20.891	0.4	19.4		6.02		TAS		11.4	0.70	m_e	mb 5.1
MOX	71.00		L	03:27:09.585						T__		257.0	22.00	a_e	Ms 4.4
NRDL	69.57		P	02:56:12.163	0.4	19.4		6.02		TAS		15.3	0.84	m_e	mb 5.2
PLN	71.03		P	02:56:21.143	-0.1	19.4		6.02		TAS		13.7	0.90	m_e	mb 5.1
RJOB	73.47		P	02:56:35.583		19.4		6.02		TAS		20.8	0.73	m_e	mb 5.4
ROTZ	71.70		P	02:56:25.047		19.4		6.02		TAS		3.9	0.90	m_e	mb 4.5
RUE	68.81		P	02:56:08.035	-0.3	19.4		6.02		TAS		71.4	0.89	m_e	mb 5.9
TANN	71.03		P	02:56:21.069		19.4		6.02		TAS		4.3	0.62	m_e	mb 4.7
TNS	72.06		P	02:56:27.044		19.4		6.02		TAS		13.8	0.74	m_e	mb 5.2
TNS	72.06		L	03:32:24.819						T__		281.6	22.00	a_e	Ms 4.5
UBBA	71.18		P	02:56:21.730	0.0	19.4		6.02		TAS		30.5	1.25	m_e	mb 5.3
WERD	71.04		P	02:56:21.189	-0.1	19.4		6.02		TAS		12.8	0.73	m_e	mb 5.1
WERN	71.17		P	02:56:21.980		19.4		6.02		TAS		30.9	0.73	m_e	mb 5.5
WET	72.13		P	02:56:27.833		19.4		6.02		TAS		28.6	0.86	m_e	mb 5.4
WET	72.13		L	03:28:50.273						T__		323.2	21.90	a_e	Ms 4.6

Event 80104002 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/04	10:46:09.22	0.88	0.87	42.3810	20.4330	14.5	12.2	108	10.0				32 317	5.90	11.40	m i ke	BGR
80104008																	

Magnitude	Err	Nsta	Author	OrigID
ML	5.1		BGR	80104008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BALST	10.31		Pn	10:48:33.536	-0.4					T__	8.9				m_e	
BFO	10.38		Pn	10:48:35.045	0.1					T__	16.1				m_e	
CKRC	7.74		Pn	10:48:01.094	1.7					T__	17.0				m_e	
DAVA	8.96		Pn	10:48:17.919	2.1					T__	19.2				m_e	
DPC	8.45		Pn	10:48:08.672	-0.3					T__	15.2				m_e	
FUR	8.66		Pn	10:48:11.704	-0.2					T__	5.0				m_e	
GEC2	8.00		Pn	10:48:03.130	0.2					T__	25.6				m_e	
GRA1	9.71		Pn	10:48:24.710	-1.3					T__	5.1				m_e	
GUNZ	9.75		Pn	10:48:26.589	0.2					T__	13.0				m_e	
JAVC	6.76		Pn	10:47:47.158	0.9					T__	24.4				m_e	
KBA	6.89		Pn	10:47:47.405	-0.6					T__	132.2				m_e	
KHC	8.28		Pn	10:48:06.584	-0.1					T__	27.1				m_e	
KRUC	7.25		Sn	10:49:09.099	0.8					T__	2.9				m_e	
KRUC	7.25		Pn	10:47:51.932	-0.9					T__	9.0			m_e	ML	4.7
MANZ	9.54		Pn	10:48:23.809	0.1					T__	6.4				m_e	
MOA	6.99		Sn	10:49:01.051	-1.2					T__	2.9				m_e	
MOA	6.99		Pn	10:47:48.966	-0.4					T__	79.5			m_e	ML	5.3
MORC	7.66		Pn	10:47:57.992	-0.4					T__	11.3				m_e	
NKC	9.60		Pn	10:48:24.196	-0.2					T__	5.4				m_e	
OBKA	5.90		Pn	10:47:33.233	-1.4					T__	88.1				m_e	
PLONS	9.15		Pn	10:48:19.060	0.7					T__	33.6				m_e	
PRU	8.63		Pn	10:48:13.128	1.7					T__	3.4				m_e	
RJOB	7.61		Sn	10:49:17.242	0.6					T__	3.2				m_e	
RJOB	7.61		Pn	10:47:58.352	0.7					T__	93.7			m_e	ML	5.3
ROTZ	9.34		Pn	10:48:19.310	-1.6					T__	4.0				m_e	
SLE	10.01		Pn	10:48:28.601	-1.4					T__	20.5				m_e	
SULZ	10.13		Pn	10:48:32.268	0.6					T__	8.0				m_e	
TNS	11.40		Pn	10:48:48.120	-0.5					T__	14.6				m_e	
UBR	9.03		Pn	10:48:16.470	-0.3					T__	9.8				m_e	
VRAC	7.43		Pn	10:47:54.613	-0.6					T__	11.0				m_e	
WERD	9.82		Pn	10:48:27.818	0.4					T__	10.1				m_e	
WERN	9.67		Pn	10:48:25.361	0.0					T__	6.7				m_e	
WET	8.58		Pn	10:48:11.169	0.5					T__	7.3				m_e	
WILA	9.60		Pn	10:48:24.941	0.5					T__	5.5				m_e	
WTTA	7.93		Pn	10:48:02.202	0.2					T__	109.1				m_e	

BRG	145.09	PKPbc	18:19:30.269	0.2	38.4		3.32	TAS									m_e
CLL	145.15	PKPbc	18:19:30.051	0.3	38.4		3.32	TAS									m_e
CLZ	145.72	PKPbc	18:19:32.306		38.4		3.32	TAS									m_e
GRA1	147.12	L	19:27:25.940					T__			81.0	20.00	a_e Ms				4.5
GTTG	146.11	PKPbc	18:19:33.744		38.4		3.32	TAS									m_e
MOX	146.22	L	19:26:56.467					T__			85.0	18.20	a_e Ms				4.6
PLN	146.12	PKPbc	18:19:33.620		38.4		3.32	TAS									m_e
TANN	146.06	PKPbc	18:19:33.216		38.4		3.32	TAS									m_e
UBBA	146.69	PKPbc	18:19:35.109		38.4		3.32	TAS									m_e
WERD	146.09	PKPbc	18:19:33.465		38.4		3.32	TAS									m_e
WERN	146.19	PKPbc	18:19:34.054		38.4		3.32	TAS									m_e

Event 80105002 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
2018/01/05	15:54:10.31			36.3600	141.9360				33.0					83.86	83.86	m i ke	BGR
OrigID 80105008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	80105008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	83.86		P	16:06:35.460		42.4		4.32		TAS		16.1	0.96	m_e mb	5.2

Event 80106001 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/06	13:45:38.75			42.1910	141.8860				47.6					78.80	78.80	m i ke	BGR
OrigID 80106007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	80106007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
GRA1	78.80		P	13:57:34.786		35.5		4.61		TAS		4.6	0.91	m_e mb	4.5		
GRA1	78.80		pP	13:57:48.486						T__							m_e

Event 80106002 Western Iran

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

./2018/bull1801.txt Fri Apr 24 06:14:17 2020 12

2018/01/06 15:22:09.30 34.3700 46.0700 10.0 29.75 29.75 m i ke EMSC
80106034

Magnitude Err Nsta Author OrigID
mb 4.7 BGR 80106008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	29.75		P	15:28:13.570		107.7		10.03		TAS		12.4	1.10	m_e mb	4.7

Event 80106004 Talaud Islands, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/06	18:35:12.10		4.1800	126.7100					58.0			13		100.39	102.78	m i ke	EMSC

OrigID
80106036

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	100.87		Pdiff	18:48:55.450						T__					m_e
CLL	101.27		Pdiff	18:48:57.599						T__					m_e
CLZ	102.58		Pdiff	18:49:04.292	-0.4					T__					m_e
FLT1	101.89		Pdiff	18:49:00.802						T__					m_e
GEC2	101.72		Pdiff	18:48:59.638						T__					m_e
GUNZ	102.01		Pdiff	18:49:02.056						T__					m_e
NEUB	102.03		Pdiff	18:49:01.732						T__					m_e
PLN	102.06		Pdiff	18:49:01.500						T__					m_e
RETH	102.78		Pdiff	18:49:04.048	0.8					T__					m_e
ROTZ	102.31		Pdiff	18:49:02.785						T__					m_e
RUE	100.39		Pdiff	18:48:54.519						T__					m_e
WERD	101.99		Pdiff	18:49:00.802						T__					m_e
WERN	102.01		Pdiff	18:49:01.796						T__					m_e

Event 80107001 Turkmenistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/07	01:10:25.80		40.0100	53.6700					2.0			12		31.24	31.24	m i ke	EMSC

OrigID
80107033

Magnitude Err Nsta Author OrigID
mb 4.3 BGR 80107007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	31.24		P	01:16:46.830		91.7		8.26		TAS		4.8	1.09	m_e mb	4.3

Event 80107002 Komandorsky Islands, Russia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/07	02:24:09.84			55.4180	165.7640				33.0			33		69.15	75.25	m i ke	BGR
OrigID 80107008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	80107008
Ms	4.3		BGR	80107008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	70.85		P	02:35:21.433	-0.1	14.8		5.94		TAS		89.8	1.90	a_e	mb	5.6
BFO	74.90		P	02:35:45.033		14.8		5.94		TAS		10.6	0.74	a_e	mb	5.0
BRG	71.51		P	02:35:24.983	0.1	14.8		5.94		TAS		82.2	1.97	a_e	mb	5.5
BSEG	69.15		P	02:35:11.133	0.1	14.8		5.94		TAS		30.6	1.08	a_e	mb	5.5
BUG	72.02		P	02:35:28.083	-0.5	14.8		5.94		TAS		128.4	1.97	a_e	mb	5.7
CLL	71.26		P	02:35:23.283	-0.1	14.8		5.94		TAS		90.1	1.81	a_e	mb	5.6
CLZ	71.17		P	02:35:23.583	-0.6	14.8		5.94		TAS		107.8	1.68	a_e	mb	5.7
FBE	71.57		P	02:35:25.633	-0.1	14.8		5.94		TAS		36.8	1.39	a_e	mb	5.3
FLT1	70.57		P	02:35:19.033	1.2	14.8		5.94		TAS				a_e		
FUR	74.59		P	02:35:43.683		14.8		5.94		TAS		20.9	1.08	a_e	mb	5.1
GEC2	73.50		P	02:35:37.283	-0.7	14.8		5.94		TAS		12.7	0.81	a_e	mb	5.0
GOR1	69.92		P	02:35:15.983	-0.3	14.8		5.94		TAS		73.8	1.53	a_e	mb	5.6
GRA1	73.12		P	02:35:35.283	0.0	14.8		5.94		TAS		29.5	0.85	a_e	mb	5.4
GRA1	73.12		L	03:07:10.274						T__		154.3	21.20	a_e	Ms	4.3
GTTG	71.52		P	02:35:26.633	0.2	14.8		5.94		TAS		12.8	0.77	a_e	mb	5.1
GUNZ	72.28		P	02:35:30.083	0.3	14.8		5.94		TAS		26.8	1.22	m_e	mb	5.2
IBBN	71.11		P	02:35:22.883	0.2	14.8		5.94		TAS		172.0	1.82	a_e	mb	5.9
KAST	72.09		P	02:35:28.883	-0.4	14.8		5.94		TAS		70.4	1.76	a_e	mb	5.5
MANZ	72.69		P	02:35:32.333	0.1	14.8		5.94		TAS		2.8	0.89	a_e	mb	4.4
MOX	72.13		P	02:35:28.983	0.2	14.8		5.94		TAS		13.7	0.88	a_e	mb	5.1
NEUB	71.58		P	02:35:25.283	0.2	14.8		5.94		TAS		18.8	0.81	a_e	mb	5.3
PLN	72.19		P	02:35:29.533	0.2	14.8		5.94		TAS		22.4	1.22	a_e	mb	5.2
RETH	70.46		P	02:35:19.133	0.1	14.8		5.94		TAS		37.0	1.39	a_e	mb	5.3
RJOB	74.73		P	02:35:44.783		14.8		5.94		TAS		29.6	0.76	a_e	mb	5.4
ROTZ	72.88		P	02:35:33.783	-0.3	14.8		5.94		TAS		4.3	0.95	a_e	mb	4.6
RUE	70.00		P	02:35:16.033	0.0	14.8		5.94		TAS				a_e		
STU	74.34		P	02:35:41.833		14.8		5.94		TAS		28.4	0.82	m_e	mb	5.3
TANN	72.21		P	02:35:29.733	-0.0	14.8		5.94		TAS		15.2	1.10	a_e	mb	5.0
TNS	73.04		P	02:35:34.433	0.5	14.8		5.94		TAS		10.9	0.87	a_e	mb	5.0
UBBA	72.23		P	02:35:29.783	0.0	14.8		5.94		TAS		16.5	0.94	a_e	mb	5.1
UBR	75.25		P	02:35:46.855		14.8		5.94		TAS		18.3	1.04	m_e	mb	5.0
WERD	72.21		P	02:35:29.533	0.1	14.8		5.94		TAS		15.6	0.98	a_e	mb	5.1
WERN	72.35		P	02:35:30.533	0.4	14.8		5.94		TAS		21.1	0.83	a_e	mb	5.3
WET	73.36		P	02:35:36.833	0.3	14.8		5.94		TAS		20.3	1.04	a_e	mb	5.2

Event 80107003 Myanmar-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/07	06:47:11.32			23.5620	94.7960				33.0			36		66.28	71.56	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	6.1		BGR	80107009
Ms	5.2		BGR	80107009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	68.23		P	06:58:07.119	0.1	78.8		6.27		TAS		54.5	0.93	a_e mb	5.8
BFO	70.50		P	06:58:21.419	0.1	78.8		6.27		TAS		45.1	0.91	a_e mb	5.6
BRG	66.43		P	06:57:56.169	0.0	78.8		6.27		TAS		94.9	0.80	a_e mb	6.1
BSEG	68.11		P	06:58:07.019	0.1	78.8		6.27		TAS		270.3	0.85	a_e mb	6.5
BUG	70.44		P	06:58:21.319	-0.6	78.8		6.27		TAS		132.3	0.97	a_e mb	6.0
CLL	66.94		P	06:57:59.019	-0.1	78.8		6.27		TAS		68.2	0.81	a_e mb	5.9
CLZ	68.47		P	06:58:09.169	-0.0	78.8		6.27		TAS		167.2	0.85	a_e mb	6.3
FBE	66.79		P	06:57:58.769	-0.2	78.8		6.27		TAS			0.95	a_e	
FLT1	67.85		P	06:58:04.469	-0.4	78.8		6.27		TAS		169.0	1.18	a_e mb	6.2
FUR	68.62		P	06:58:10.369	-0.4	78.8		6.27		TAS		124.8	0.88	a_e mb	6.2
GEC2	66.91		P	06:57:59.519	-0.5	78.8		6.27		TAS		107.3	0.75	m_e mb	6.2
GOR1	67.70		P	06:58:04.269	-0.1	78.8		6.27		TAS			1.08	a_e	
GRA1	68.35		P	06:58:08.969	0.2	78.8		6.27		TAS		103.5	0.93	a_e mb	6.0
GRA1	68.35		L	07:31:34.821						T__		1581.8	20.60	a_e Ms	5.2
GTTG	68.77		P	06:58:10.969	-0.1	78.8		6.27		TAS		125.5	0.94	a_e mb	6.1
GUNZ	67.52		P	06:58:03.269	-0.1	78.8		6.27		TAS			0.89	a_e	
IBBN	69.95		P	06:58:18.269	-0.7	78.8		6.27		TAS		103.3	0.94	a_e mb	5.9
KAST	69.79		P	06:58:17.319	-0.3	78.8		6.27		TAS		43.6	0.96	a_e mb	5.6
MANZ	67.73		P	06:58:04.969	0.4	78.8		6.27		TAS		32.6	1.07	a_e mb	5.5
MOX	67.92		P	06:58:05.669	-0.1	78.8		6.27		TAS		113.0	1.00	a_e mb	6.1
NEUB	67.73		P	06:58:04.169	0.1	78.8		6.27		TAS		168.7	0.85	a_e mb	6.3
NRDL	68.50		P	06:58:09.719	-0.4	78.8		6.27		TAS		237.1	1.02	a_e mb	6.4
PLN	67.61		P	06:58:03.669	-0.1	78.8		6.27		TAS			0.87	a_e	
RETH	68.90		P	06:58:11.619	0.5	78.8		6.27		TAS			0.99	a_e	
RGN	66.28		P	06:57:55.358	0.4	78.8		6.27		TAS		196.6	0.83	m_e mb	6.4
RJOB	67.70		P	06:58:04.364		78.8		6.27		TAS		75.9	0.80	m_e mb	6.0
ROTZ	67.71		P	06:58:04.869	0.5	78.8		6.27		TAS		65.8	0.88	a_e mb	5.9
RUE	66.29		P	06:57:55.019	-0.0	78.8		6.27		TAS		259.4	0.87	a_e mb	6.5
STU	69.84		P	06:58:17.819	0.3	78.8		6.27		TAS		506.4	0.91	a_e mb	6.6
TANN	67.43		P	06:58:02.619	0.1	78.8		6.27		TAS		77.0	0.85	a_e mb	6.0
TNS	69.99		P	06:58:18.669	0.5	78.8		6.27		TAS		140.4	0.88	a_e mb	6.1
UBBA	68.89		P	06:58:11.869	-0.1	78.8		6.27		TAS		64.6	1.10	a_e mb	5.8
UBR	69.49		P	06:58:15.119		78.8		6.27		TAS		85.4	0.89	a_e mb	6.0
WERD	67.52		P	06:58:03.069	0.0	78.8		6.27		TAS			0.88	a_e	

WERN	67.51	P	06:58:03.219	0.4	78.8	6.27	TAS				0.87	a_e		
WET	67.39	P	06:58:02.569	0.0	78.8	6.27	TAS			81.5	0.82	a_e	mb	6.0
WLF	71.56	P	06:58:28.969	0.2	78.8	6.27	TAS			353.2	0.89	a_e	mb	6.5

Event 80107004 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
2018/01/07	09:19:57.80			36.3200	141.2300				40.0					83.61	83.61	m i ke	EMSC
OrigID 80107036																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	80107010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	83.61		P	09:32:22.775		38.5		4.55		TAS		5.1	0.81	m_e	mb 4.8
GRA1	83.61		pP	09:32:34.769						T__				m_e	

Event 80109002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2018/01/08	23:59:50.68			-15.4910	-177.9310				529.0					15	141.10	146.64	m i ke	BGR
OrigID 80109008																		

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	142.81		PKPbc	00:18:16.990	0.1	15.5		4.10		TAS				m_e	
BRG	143.43		PKPbc	00:18:19.882	0.4	15.5		4.10		TAS				m_e	
BSEG	141.10		PKPbc	00:18:11.234	0.1	15.5		4.10		TAS				m_e	
BUG	143.90		PKPbc	00:18:21.852		15.5		4.10		TAS				m_e	
CLL	143.21		PKPbc	00:18:18.450	0.0	15.5		4.10		TAS				m_e	
FLT1	142.53		PKPbc	00:18:16.173	-0.8	15.5		4.10		TAS				m_e	
GEC2	145.40		PKPbc	00:18:28.124		15.5		4.10		TAS				m_e	
GEC2	145.40		sPKPbc	00:20:34.753	0.3					T__				m_e	
GTTG	143.48		PKPbc	00:18:20.433	-0.2	15.5		4.10		TAS				m_e	
HLG	141.12		PKPbc	00:18:11.204	0.4	15.5		4.10		TAS				m_e	
IBBN	142.99		PKPbc	00:18:19.103	-0.6	15.5		4.10		TAS				m_e	
PLN	144.15		PKPbc	00:18:23.241		15.5		4.10		TAS				m_e	
RJOB	146.64		PKPbc	00:18:33.820		15.5		4.10		TAS				m_e	
RUE	141.95		PKPbc	00:18:14.443	-0.6	15.5		4.10		TAS				m_e	
TANN	144.16		PKPbc	00:18:23.128		15.5		4.10		TAS				m_e	
TANN	144.16		sPKPbc	00:20:30.011	0.3					T__				m_e	
WET	145.29		PKPbc	00:18:28.204		15.5		4.10		TAS				m_e	

WLF 145.76 sPKPbc 00:20:36.419 0.3 T__ m_e

Event 80109001 Kyrgyzstan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/09	00:05:48.56			39.2080	72.6590				33.0					43.95	43.95	m i ke	BGR
OrigID 80109007																	

Magnitude Err Nsta Author OrigID
mb 4.7 BGR 80109007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	43.95		P	00:13:51.567		87.3		6.80		TAS		14.1	0.90	m_e mb	4.7

Event 80109005 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
2018/01/09	22:20:50.50			35.4200	141.2500				30.0					84.40	84.40	m i ke	EMSC
OrigID 80109037																	

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 80109011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	84.40		P	22:33:20.714		38.9		4.28		TAS		6.2	1.02	m_e mb	4.8

Event 80109006 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
2018/01/09	22:30:27.22			36.1840	140.6400				33.0				31	80.32	85.74	m i ke	BGR
OrigID 80109012																	

Magnitude Err Nsta Author OrigID
mb 5.4 BGR 80109012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.44		P	22:42:54.736	-0.3	39.0		5.13		TAS		56.4	1.19	a_e mb	5.7
ASSE	81.81		P	22:42:41.344	-0.1	39.0		5.13		TAS		20.7	1.18	m_e mb	5.1
BFO	85.74		P	22:43:00.936		39.0		5.13		TAS		44.2	1.02	a_e mb	5.5
BRG	81.46		P	22:42:39.486	-0.4	39.0		5.13		TAS		24.8	1.06	a_e mb	5.2

2018/01/10 01:46:02.80 21.6300 143.0400 300.0 97.14 97.14 m i ke NEIC
80110042

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 97.14 Pdiff 01:59:00.320 T__ m_e

Event 80110001 North of Honduras

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2018/01/10 02:51:36.20 18.0900 -83.9100 33.0 33 76.47 81.46 m i ke BGR
80110007

Magnitude Err Nsta Author OrigID

mb 6.8 BGR 80110007
MBB 7.3 BGR 80110007
Ms 7.4 BGR 80110007

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
AHRW 76.87 P 03:03:25.520 0.1 285.4 5.51 TAS 1235.7 1.67 a_e MBB 7.4
ASSE 78.69 S 03:13:29.695 286.2 10.66 TAS m_e
ASSE 78.69 P 03:03:35.470 285.4 5.51 TAS 1981.2 1.99 a_e MBB 7.3
BFO 78.17 S 03:13:25.967 -0.7 286.2 10.66 TAS m_e
BFO 78.17 P 03:03:32.270 0.0 285.4 5.51 TAS 993.1 2.01 a_e MBB 7.4
BRG 81.00 S 03:13:54.302 286.2 10.66 TAS m_e
BRG 81.00 P 03:03:48.070 285.4 5.51 TAS 1522.4 2.00 a_e MBB 7.2
BSEG 78.03 S 03:13:21.493 -2.6 286.2 10.66 TAS m_e
BSEG 78.03 P 03:03:31.820 0.0 285.4 5.51 TAS 2739.8 2.01 a_e MBB 7.5
BUG 76.79 S 03:13:06.579 -2.3 286.2 10.66 TAS m_e
BUG 76.79 P 03:03:24.720 -0.2 285.4 5.51 TAS 3692.8 2.64 a_e MBB 7.4
CLL 80.31 S 03:13:48.710 286.2 10.66 TAS m_e
CLL 80.31 P 03:03:44.270 285.4 5.51 TAS 1559.6 2.22 a_e MBB 7.2
CLZ 78.58 S 03:13:31.575 286.2 10.66 TAS m_e
CLZ 78.58 P 03:03:35.170 -0.1 285.4 5.51 TAS 1591.6 1.82 a_e MBB 7.4
FLT1 78.97 S 03:13:32.694 286.2 10.66 TAS m_e
FLT1 78.97 P 03:03:36.520 285.4 5.51 TAS 1814.9 2.02 a_e MBB 7.3
FUR 80.11 S 03:13:47.964 286.2 10.66 TAS m_e
FUR 80.11 P 03:03:43.270 285.4 5.51 TAS 3164.1 2.53 a_e MBB 7.3
GEC2 81.46 S 03:13:59.540 286.2 10.66 TAS m_e
GEC2 81.46 P 03:03:50.570 285.4 5.51 TAS 2879.2 2.43 a_e MBB 7.2
GOR1 78.84 P 03:03:36.220 -0.1 285.4 5.51 TAS 3083.0 2.19 a_e MBB 7.5
GRA1 79.66 P 03:03:40.970 285.4 5.51 TAS 3035.6 2.44 a_e MBB 7.3
GRA1 79.66 L 03:39:44.748 T__ 225370.0 20.60 a_e Ms 7.5
GTTG 78.41 S 03:13:29.322 -1.3 286.2 10.66 TAS m_e
GTTG 78.41 P 03:03:34.070 0.1 285.4 5.51 TAS 2415.4 2.20 a_e MBB 7.4

./2018/bull1801.txt Fri Apr 24 06:14:17 2020 20

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	147.12		PKP	05:31:54.179		40.1		2.96		TAS					m_e

Event 80110005 Southern East Pacific Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/10	05:46:16.10			-54.1400	-120.6900				10.0					150.47	150.47	m i ke	GFZ
80110057																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	150.47		PKP	06:06:07.712		242.7		2.70		TAS					m_e

Event 80110006 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/10	06:23:45.04			32.4250	128.7170				33.0					81.25	81.25	m i ke	BGR
80110012																	

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 80110012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.25		P	06:35:56.774		58.3		5.14		TAS		8.4	1.27	m_e mb	4.8

Event 80110008 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/10	11:03:18.29			42.4590	143.3580				33.0					79.10	79.10	m i ke	BGR
80110014																	

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 80110014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.10		P	11:15:18.114		34.2		4.67		TAS		8.5	0.84	m_e mb	4.8

Event 80110010 Western Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/10	15:56:29.00			34.5400	46.8700				10.0					30.14	30.14	m i ke	EMSC
OrigID 80110042																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	80110016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	30.14		P	16:02:37.601		106.6		10.11		TAS		7.1	1.18	m_e mb	4.4

Event 80111001 Southeast of Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	00:43:40.70			23.7900	126.6800				10.0				12	85.07	87.45	m i ke	EMSC
OrigID 80111033																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	80111007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	85.07		P	00:56:16.658		55.9		6.03		TAS		15.7	1.37	m_e mb	5.1
BSEG	85.24		P	00:56:17.822	1.1	55.9		6.03		TAS		13.6	1.05	m_e mb	5.1
CLL	85.33		P	00:56:17.589		55.9		6.03		TAS		10.0	1.07	m_e mb	5.0
CLZ	86.40		P	00:56:24.054	-0.2	55.9		6.03		TAS		11.3	1.04	m_e mb	4.9
FLT1	85.69		P	00:56:19.450	0.8	55.9		6.03		TAS		17.4	1.36	m_e mb	5.0
GEC2	86.28		P	00:56:22.797		55.9		6.03		TAS		4.6	1.03	m_e mb	4.5
GOR1	85.28		P	00:56:19.193	0.9	55.9		6.03		TAS		26.0	1.22	m_e mb	5.3
IBBN	87.45		P	00:56:32.248	-0.5	55.9		6.03		TAS		17.1	1.15	m_e mb	5.1
MOX	86.43		P	00:56:23.874		55.9		6.03		TAS		14.6	1.47	m_e mb	4.9
NEUB	86.04		P	00:56:21.640		55.9		6.03		TAS		16.5	1.26	m_e mb	5.0
PLN	86.23		P	00:56:22.800		55.9		6.03		TAS		11.7	1.38	m_e mb	4.8
ROTZ	86.60		P	00:56:24.933		55.9		6.03		TAS		1.7	1.32	m_e mb	4.0

Event 80111002 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	03:18:30.10			30.7200	57.3700				10.0				27	39.29	39.29	m i ke	EMSC
OrigID 80111034																	

Magnitude	Err	Nsta	Author	OrigID

mb 4.6 BGR 80111008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	39.29		P	03:25:58.655	0.7	101.3		8.62		TAS		12.8	0.89	m_e	mb 4.6

Event 80111004 Iran-Iraq border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	06:59:32.01			33.3500	45.4600				33.0			31		28.25	33.20	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb 5.3			BGR	80111010
Ms 4.9			BGR	80111010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	32.86		P	07:06:03.153	-0.7	111.8		8.92		TAS		70.1	1.39	a_e	mb 5.4
BFO	31.48		S	07:10:57.879	0.8					T__				m_e	
BFO	31.48		P	07:05:50.303	0.7	111.8		8.92		TAS		20.6	0.96	a_e	mb 5.0
BRG	28.90		P	07:05:27.353	-0.1	111.8		8.92		TAS		37.1	1.35	a_e	mb 5.0
BSEG	32.22		P	07:05:57.203	0.4	111.8		8.92		TAS		65.0	1.34	a_e	mb 5.4
BUG	33.02		P	07:06:04.503	-0.7	111.8		8.92		TAS		49.1	1.12	a_e	mb 5.3
CLL	29.63		P	07:05:33.753	0.0	111.8		8.92		TAS		24.7	1.02	a_e	mb 5.0
CLZ	31.34		P	07:05:49.403	-0.3	111.8		8.92		TAS		42.0	1.05	a_e	mb 5.3
CLZ	31.34		PcP	07:08:44.748	0.8					T__				m_e	
FLT1	31.05		S	07:10:49.639	0.8					T__				m_e	
FLT1	31.05		P	07:05:46.503	-0.4	111.8		8.92		TAS		25.2	1.19	a_e	mb 5.0
FUR	29.54		P	07:05:33.603	1.3	111.8		8.92		TAS		132.2	1.18	a_e	mb 5.6
GEC2	28.25		P	07:05:21.606	-0.4	111.8		8.92		TAS		40.5	1.30	m_e	mb 5.1
GOR1	31.28		P	07:05:49.203	0.4	111.8		8.92		TAS		90.1	1.03	a_e	mb 5.6
GRA1	30.06		P	07:05:38.303	-0.9	111.8		8.92		TAS		104.4	1.24	a_e	mb 5.5
GRA1	30.06		L	07:19:05.414						T__		2843.2	20.90	a_e	Ms 4.9
GTTG	31.47		P	07:05:50.603	-0.3	111.8		8.92		TAS		34.9	1.17	a_e	mb 5.2
IBBN	33.02		P	07:06:04.903	0.2	111.8		8.92		TAS		97.5	1.30	a_e	mb 5.6
KAST	32.26		P	07:05:58.053	-1.0	111.8		8.92		TAS		109.0	1.43	a_e	mb 5.6
MANZ	29.63		S	07:10:30.580	0.8					T__				m_e	
MANZ	29.63		P	07:05:34.603	0.2	111.8		8.92		TAS		6.4	1.09	a_e	mb 4.4
MOX	30.17		S	07:10:38.661	0.8					T__				m_e	
MOX	30.17		P	07:05:39.880	-0.1	111.8		8.92		TAS		11.7	1.03	m_e	mb 4.7
NEUB	30.29		P	07:05:39.369	-0.7	111.8		8.92		TAS		27.0	0.88	m_e	mb 5.1
NEUB	30.29		PcP	07:08:41.213	0.8					T__				m_e	
NRDL	31.75		P	07:05:53.453	0.2	111.8		8.92		TAS		52.3	1.33	a_e	mb 5.3
PLN	29.79		S	07:10:31.200	0.8					T__				m_e	
PLN	29.79		P	07:05:35.253	-0.1	111.8		8.92		TAS		21.7	1.31	a_e	mb 4.8
RETH	32.26		P	07:05:58.303	0.5	111.8		8.92		TAS		101.4	1.35	a_e	mb 5.6
RGN	30.95		P	07:05:45.703	1.4	111.8		8.92		TAS		84.9	0.98	a_e	mb 5.6

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RJOB	28.44	P	07:05:24.369	1.1	111.8		8.92		TAS	27.8	0.73	m_e	mb	5.2
ROTZ	29.49	S	07:10:25.733	0.8					T__				m_e	
ROTZ	29.49	P	07:05:33.453	-0.7	111.8		8.92		TAS	57.3	1.73	m_e	mb	5.1
RUE	29.71	P	07:05:34.253	-0.4	111.8		8.92		TAS	41.3	0.44	a_e	mb	5.6
STU	31.04	P	07:05:46.003	0.4	111.8		8.92		TAS	90.1	0.42	a_e	mb	6.0
TNS	31.93	P	07:05:54.803	0.1	111.8		8.92		TAS	41.1	1.34	a_e	mb	5.2
UBBA	31.19	P	07:05:48.403	0.5	111.8		8.92		TAS	34.0	1.50	a_e	mb	5.1
UBR	30.16	P	07:05:38.953		111.8		8.92		TAS	175.2	1.59	a_e	mb	5.6
WET	28.86	P	07:05:26.613	-0.4	111.8		8.92		TAS	19.2	1.07	m_e	mb	4.9
WLF	33.20	P	07:06:05.103	0.0	111.8		8.92		TAS	90.7	1.34	a_e	mb	5.5

Event 80111005 Iraq

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	07:01:13.70			34.0810	42.8320				33.0			16		26.76	31.07	m i ke	BGR
80111011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	80111011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	30.77		P	07:07:25.689		112.0		8.93		TAS		46.9	1.14	m_e	mb	5.3
ASSE	29.27		P	07:07:11.393	0.3	112.0		8.93		TAS				m_e		
BRG	26.88		P	07:06:50.509	0.6	112.0		8.93		TAS		29.8	1.13	m_e	mb	4.9
BSEG	30.27		P	07:07:19.891	0.1	112.0		8.93		TAS		47.9	0.96	m_e	mb	5.3
CLZ	29.32		P	07:07:12.013	-0.1	112.0		8.93		TAS		38.0	1.04	m_e	mb	5.2
FUR	27.40		P	07:06:55.992		112.0		8.93		TAS		55.0	0.69	m_e	mb	5.4
GOR1	29.31		P	07:07:11.526	0.1	112.0		8.93		TAS	120.9	1.21	m_e	mb	5.6	
GTTG	29.43		P	07:07:13.804	-0.1	112.0		8.93		TAS		47.1	1.18	m_e	mb	5.2
IBBN	30.98		P	07:07:27.477	-0.4	112.0		8.93		TAS		47.7	1.09	m_e	mb	5.3
KAST	30.19		P	07:07:20.932	-0.3	112.0		8.93		TAS		68.0	1.36	m_e	mb	5.3
MOX	28.11		P	07:07:01.839		112.0		8.93		TAS		6.4	0.93	m_e	mb	4.4
NRDL	29.74		P	07:07:15.790	0.1	112.0		8.93		TAS		36.4	1.04	m_e	mb	5.1
RETH	30.25		P	07:07:20.574	-0.1	112.0		8.93		TAS		80.5	1.29	m_e	mb	5.4
ROTZ	27.41		P	07:06:55.928		112.0		8.93		TAS		80.2	2.04	m_e	mb	5.1
WET	26.76		P	07:06:49.816		112.0		8.93		TAS		20.2	0.93	m_e	mb	4.8
WLF	31.07		P	07:07:28.082		112.0		8.93		TAS		53.5	1.24	m_e	mb	5.3

Event 80111006 Iran-Iraq border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	07:14:15.80			33.7800	45.7600				10.0					29.96	29.96	m i ke	EMSC
80111038																	

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 80111012

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 29.96 P 07:20:22.848 109.0 10.05 TAS 27.7 1.46 m_e mb 4.9

Event 80111007 Iraq
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2018/01/11 07:21:59.20 33.6070 44.4360 33.0 28 25.71 32.39 m i ke BGR
 80111013

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 80111013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	32.06	P		07:28:23.131		110.8		8.87		TAS		73.5	1.59	m_e mb	5.3
ARSA	25.71	P		07:27:28.107	1.4	110.8		8.87		TAS				m_e	
BFO	30.66	P		07:28:10.885	-0.3	110.8		8.87		TAS		13.1	1.00	m_e mb	4.5
BRG	28.13	P		07:27:46.896	0.2	110.8		8.87		TAS		25.2	1.41	m_e mb	4.6
BSEG	31.48	P		07:28:17.901		110.8		8.87		TAS		34.3	1.10	m_e mb	5.0
BUG	32.23	P		07:28:24.950		110.8		8.87		TAS		66.4	1.48	m_e mb	5.3
CLL	28.86	P		07:27:53.634	-1.4	110.8		8.87		TAS		38.9	1.44	m_e mb	4.9
CLZ	30.57	P		07:28:09.698	0.7	110.8		8.87		TAS				m_e	
FLT1	30.28	P		07:28:06.158	-0.4	110.8		8.87		TAS		11.7	0.84	m_e mb	4.5
FUR	28.72	P		07:27:53.495	-0.2	110.8		8.87		TAS		73.1	0.57	m_e mb	5.4
GEC2	27.44	P		07:27:41.291	-1.5	110.8		8.87		TAS		5.3	0.71	m_e mb	4.2
GOR1	30.53	P		07:28:09.224	0.3	110.8		8.87		TAS		148.7	1.46	m_e mb	5.4
GRA1	29.27	P		07:27:58.215	0.8	110.8		8.87		TAS		118.4	1.39	m_e mb	5.4
GTTG	30.69	P		07:28:10.545		110.8		8.87		TAS		27.8	1.22	m_e mb	4.8
IBBN	32.24	P		07:28:25.175		110.8		8.87		TAS		42.1	1.12	m_e mb	5.2
KAST	31.47	P		07:28:17.574		110.8		8.87		TAS		56.8	1.42	m_e mb	5.1
KBA	27.05	P		07:27:39.572	-1.0	110.8		8.87		TAS				m_e	
MANZ	28.84	P		07:27:54.332	0.2	110.8		8.87		TAS		2.8	1.01	m_e mb	3.7
MOA	26.72	P		07:27:36.553	1.3	110.8		8.87		TAS				m_e	
MOX	29.38	P		07:27:57.989	-0.3	110.8		8.87		TAS		29.7	1.49	m_e mb	4.8
NRDL	30.98	P		07:28:13.899		110.8		8.87		TAS		59.5	1.53	m_e mb	5.1
RETH	31.50	P		07:28:18.063		110.8		8.87		TAS		122.6	1.47	m_e mb	5.4
ROTZ	28.70	P		07:27:53.613	-0.7	110.8		8.87		TAS		8.9	0.90	m_e mb	4.3
TNS	31.13	P		07:28:14.575		110.8		8.87		TAS		69.4	1.53	m_e mb	5.2
UBBA	30.40	P		07:28:07.022	1.6	110.8		8.87		TAS		28.6	1.57	m_e mb	4.7
UBR	29.33	P		07:27:58.575	0.1	110.8		8.87		TAS		32.0	0.58	m_e mb	5.2
WET	28.06	P		07:27:46.189	0.2	110.8		8.87		TAS		38.9	1.62	m_e mb	4.7
WLF	32.39	P		07:28:25.689		110.8		8.87		TAS		12.2	0.59	m_e mb	4.9

Event 80111008 Iraq

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	07:55:27.18			35.2130	43.0020				33.0			24		23.78	30.27	m i ke	BGR
OrigID 80111014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	80111014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	30.11		P	08:01:33.816		110.0		8.97		TAS		48.9	1.69	m_e mb	5.1
ARSA	23.78		P	08:00:36.764	0.4	110.0		8.97		TAS				m_e	
BRG	26.16		P	08:00:57.569	0.0	110.0		8.97		TAS		24.4	1.75	m_e mb	4.6
BSEG	29.49		P	08:01:26.677		110.0		8.97		TAS		24.4	1.30	m_e mb	4.9
CLL	26.88		P	08:01:03.018	-0.5	110.0		8.97		TAS		23.9	1.52	m_e mb	4.7
CLZ	28.59		P	08:01:18.885		110.0		8.97		TAS		10.8	0.98	m_e mb	4.5
DAVA	27.46		P	08:01:08.464	0.0	110.0		8.97		TAS		19.9	0.52	m_e mb	5.0
FUR	26.79		P	08:01:03.566	-0.8	110.0		8.97		TAS		24.7	0.72	m_e mb	5.0
GOR1	28.54		P	08:01:18.278		110.0		8.97		TAS		49.2	1.22	m_e mb	5.1
GRA1	27.31		P	08:01:08.743	0.1	110.0		8.97		TAS		72.5	1.50	m_e mb	5.1
IBBN	30.27		P	08:01:34.338		110.0		8.97		TAS		54.4	1.42	m_e mb	5.2
KAST	29.51		P	08:01:27.531		110.0		8.97		TAS		44.3	1.44	m_e mb	5.1
KBA	25.13		P	08:00:48.035	-0.1	110.0		8.97		TAS		55.9	1.80	m_e mb	4.8
MANZ	26.88		P	08:01:03.624	0.5	110.0		8.97		TAS		4.5	1.51	m_e mb	4.0
MOA	24.78		P	08:00:45.386	-0.1	110.0		8.97		TAS		41.7	1.45	m_e mb	4.8
MOX	27.41		P	08:01:08.637	-0.4	110.0		8.97		TAS		15.3	1.47	m_e mb	4.4
NRDL	29.00		P	08:01:22.672		110.0		8.97		TAS		24.1	1.36	m_e mb	4.7
OBKA	24.17		P	08:00:40.102	0.8	110.0		8.97		TAS				m_e	
RETH	29.52		P	08:01:27.590		110.0		8.97		TAS		53.3	1.40	m_e mb	5.2
ROTZ	26.74		P	08:01:03.159	-0.7	110.0		8.97		TAS		20.8	1.68	m_e mb	4.6
UBBA	28.43		P	08:01:18.338	-0.1	110.0		8.97		TAS		30.4	1.81	m_e mb	4.7
UBR	27.41		P	08:01:07.940	0.3	110.0		8.97		TAS		14.0	0.94	m_e mb	4.6
WET	26.10		P	08:00:56.442	0.5	110.0		8.97		TAS		16.8	1.48	m_e mb	4.6
WTTA	26.30		P	08:00:58.970	0.3	110.0		8.97		TAS		11.1	0.86	m_e mb	4.6

Event 80111009 Iran-Iraq border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	08:00:43.85			33.7300	45.2800				33.0			33		26.17	32.84	m i ke	BGR
OrigID 80111015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	80111015

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	80111016
Ms	5.0		BGR	80111016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	21.28		P	09:51:13.086	-0.1	305.4		9.48		TAS		59.4	1.06	m_e	mb	4.9
ARSA	27.72		P	09:52:13.483		305.4		9.48		TAS				m_e		
ASSE	22.34		P	09:51:22.954	0.3	305.4		9.48		TAS		329.8	2.66	m_e	mb	5.3
BRG	24.74		P	09:51:47.006	-1.6	305.4		9.48		TAS		101.9	2.36	m_e	mb	5.1
BSEG	21.29		P	09:51:10.551	-0.7	305.4		9.48		TAS		66.3	0.95	m_e	mb	4.9
BUG	20.89		P	09:51:08.416	-1.2	305.4		9.48		TAS		63.2	1.11	m_e	mb	4.9
CLL	24.01		P	09:51:37.616	1.7	305.4		9.48		TAS		17.6	1.19	m_e	mb	4.5
CLZ	22.33		P	09:51:23.359	0.6	305.4		9.48		TAS		50.1	1.05	m_e	mb	4.9
FLT1	22.54		P	09:51:24.342	0.1	305.4		9.48		TAS		85.4	1.41	m_e	mb	5.1
GEC2	25.77		P	09:51:55.727		305.4		9.48		TAS				m_e		
GOR1	22.25		P	09:51:21.596	0.7	305.4		9.48		TAS		473.0	2.25	m_e	mb	5.5
GRA1	23.96		P	09:51:37.758	1.1	305.4		9.48		TAS		33.7	1.20	m_e	mb	4.7
GRA1	23.96		L	10:00:52.735						T__		4980.6	21.50	a_e	Ms	5.0
GTTG	22.27		P	09:51:24.293	1.9	305.4		9.48		TAS		51.4	0.97	m_e	mb	4.9
IBBN	20.70		P	09:51:05.303	-2.3	305.4		9.48		TAS		63.1	0.80	m_e	mb	5.0
KAST	21.63		P	09:51:15.887	-0.7	305.4		9.48		TAS		141.2	1.88	m_e	mb	5.1
KBA	26.67		P	09:52:04.242		305.4		9.48		TAS				m_e		
MOX	23.63		P	09:51:35.320	-1.0	305.4		9.48		TAS		29.8	1.14	m_e	mb	4.7
NEUB	23.41		P	09:51:33.381	-0.9	305.4		9.48		TAS		67.8	1.56	m_e	mb	4.9
NRDL	21.86		P	09:51:18.713	0.7	305.4		9.48		TAS		226.9	1.85	m_e	mb	5.3
OBKA	27.68		P	09:52:11.988		305.4		9.48		TAS				m_e		
PLN	24.01		P	09:51:37.941	1.0	305.4		9.48		TAS		17.7	0.86	m_e	mb	4.6
RETH	21.34		P	09:51:12.578	-0.5	305.4		9.48		TAS		280.5	1.98	m_e	mb	5.3
RJOB	25.97		P	09:51:57.818		305.4		9.48		TAS				m_e		
ROTZ	24.44		P	09:51:42.827	-0.1	305.4		9.48		TAS		2.7	1.14	m_e	mb	3.7
TNS	22.19		P	09:51:23.048	1.2	305.4		9.48		TAS		30.0	0.93	m_e	mb	4.7
UBBA	22.68		P	09:51:26.783	0.3	305.4		9.48		TAS		301.8	2.73	m_e	mb	5.3
UBR	24.59		P	09:51:44.951	0.2	305.4		9.48		TAS		85.6	1.90	m_e	mb	5.2
WET	25.16		P	09:51:50.996		305.4		9.48		TAS		19.8	1.32	m_e	mb	4.7
WLF	21.30		P	09:51:13.190	0.4	305.4		9.48		TAS		210.7	1.91	m_e	mb	5.1
WTTA	25.66		P	09:51:54.713		305.4		9.48		TAS				m_e		

Event 80111011 Reykjanes Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	09:50:20.74			58.8880	-29.9110				33.0					25.33	25.33	m i ke	BGR
80111017																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	80111017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	25.33		P	09:55:43.991		304.3		8.88		TAS		17.3	1.39	m_e	mb 4.6

Event 80111012 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	13:35:34.70			30.8100	57.3500				10.0					39.21	39.21	m i ke	EMSC
OrigID 80111044																	

Magnitude	Err	Nsta	Author	OrigID
mb 4.3			BGR	80111018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	39.21		P	13:43:02.211		101.2		8.65		TAS		7.6	0.99	m_e	mb 4.3

Event 80111014 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	17:53:34.72			-23.9670	-179.2700				533.7		5.2		32	149.22	155.18	m i ke	BGR
OrigID 80111020																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	153.02		PKPdf	18:12:24.326		30.0		1.43		TAS				m_e	
AHRW	153.02		PKPbc	18:12:31.917	0.4	21.5		2.13		TAS				m_e	
ASSE	150.87		PKPdf	18:12:20.663	0.0	30.0		1.43		TAS				m_e	
ASSE	150.87		PKPbc	18:12:27.087	0.4	21.5		2.13		TAS				m_e	
ASSE	150.87		pPKPbc	18:14:31.347						T__				m_e	
BFO	154.95		PKPbc	18:12:35.482	-0.3	21.5		2.13		TAS				m_e	
BFO	154.95		PKPab	18:12:52.409		19.2		3.90		TAS				m_e	
BRG	151.25		PKPbc	18:12:28.021	-0.1	21.5		2.13		TAS				m_e	
BRG	151.25		pPKPbc	18:14:32.717						T__				m_e	
BSEG	149.22		PKPdf	18:12:18.472	0.1	30.0		1.43		TAS				m_e	
BSEG	149.22		PKPbc	18:12:23.299	-0.0	21.5		2.13		TAS				m_e	
BUG	152.11		PKPdf	18:12:23.288	0.2	30.0		1.43		TAS				m_e	
BUG	152.11		PKPbc	18:12:29.481	-0.1	21.5		2.13		TAS				m_e	
BUG	152.11		pPKPbc	18:14:34.371						T__				m_e	
CLL	151.11		PKPbc	18:12:27.496	0.2	21.5		2.13		TAS				m_e	
CLZ	151.20		PKPdf	18:12:21.418	-0.1	30.0		1.43		TAS				m_e	
CLZ	151.20		PKPbc	18:12:28.196	0.1	21.5		2.13		TAS				m_e	
CLZ	151.20		pPKPbc	18:14:32.305						T__				m_e	
FLT1	150.56		PKPdf	18:12:20.311	0.1	30.0		1.43		TAS				m_e	

FLT1	150.56	PKPbc	18:12:26.304	0.0	21.5	2.13	TAS	m_e
FLT1	150.56	pPKPbc	18:14:30.434				T__	m_e
FUR	154.44	PKPdf	18:12:25.678		30.0	1.43	TAS	m_e
FUR	154.44	PKPbc	18:12:34.387	-0.2	21.5	2.13	TAS	m_e
GEC2	153.14	PKPbc	18:12:31.996	0.2	21.5	2.13	TAS	m_e
GEC2	153.14	pPKPbc	18:14:37.045				T__	m_e
GOR1	149.93	PKPdf	18:12:19.530	0.3	30.0	1.43	TAS	m_e
GOR1	149.93	PKPbc	18:12:25.030	-0.1	21.5	2.13	TAS	m_e
GRA1	153.04	PKPbc	18:12:31.642	-0.1	21.5	2.13	TAS	m_e
GRA1	153.04	PKPab	18:12:44.570		19.2	3.90	TAS	m_e
GRA1	153.04	pPKPbc	18:14:36.884				T__	m_e
GTTG	151.56	PKPdf	18:12:21.925	0.3	30.0	1.43	TAS	m_e
GTTG	151.56	PKPbc	18:12:28.722	-0.5	21.5	2.13	TAS	m_e
GTTG	151.56	PKPab	18:12:39.565		19.2	3.90	TAS	m_e
HLG	149.35	PKPbc	18:12:23.985	-0.3	21.5	2.13	TAS	m_e
IBBN	151.20	PKPdf	18:12:22.179	0.0	30.0	1.43	TAS	m_e
IBBN	151.20	PKPbc	18:12:28.052	-0.1	21.5	2.13	TAS	m_e
IBBN	151.20	PKPab	18:12:37.888	-0.4	19.2	3.90	TAS	m_e
IBBN	151.20	pPKPbc	18:14:32.627				T__	m_e
KAST	152.17	PKPdf	18:12:23.048	0.1	30.0	1.43	TAS	m_e
KAST	152.17	PKPbc	18:12:30.124	0.3	21.5	2.13	TAS	m_e
KAST	152.17	pPKPbc	18:14:34.534				T__	m_e
MANZ	152.55	PKPdf	18:12:23.163		30.0	1.43	TAS	m_e
MANZ	152.55	PKPbc	18:12:30.868	0.2	21.5	2.13	TAS	m_e
MANZ	152.55	pPKPbc	18:14:35.613				T__	m_e
MOX	152.06	PKPbc	18:12:29.612	0.0	21.5	2.13	TAS	m_e
MOX	152.06	PKPab	18:12:41.031		19.2	3.90	TAS	m_e
NEUB	151.51	PKPbc	18:12:28.722	0.1	21.5	2.13	TAS	m_e
NEUB	151.51	PKPab	18:12:38.413		19.2	3.90	TAS	m_e
NEUB	151.51	pPKPbc	18:14:33.637				T__	m_e
NRDL	150.63	PKPdf	18:12:20.803	-0.2	30.0	1.43	TAS	m_e
NRDL	150.63	PKPbc	18:12:26.587	-0.1	21.5	2.13	TAS	m_e
NRDL	150.63	pPKPbc	18:14:30.889				T__	m_e
PLN	152.07	PKPbc	18:12:29.963	0.2	21.5	2.13	TAS	m_e
RETH	150.53	PKPbc	18:12:26.378	-0.0	21.5	2.13	TAS	m_e
RETH	150.53	pPKPbc	18:14:30.271				T__	m_e
RJOB	154.41	PKPdf	18:12:25.204		30.0	1.43	TAS	m_e
RJOB	154.41	PKPbc	18:12:34.483	-0.5	21.5	2.13	TAS	m_e
ROTZ	152.72	PKPbc	18:12:31.177	0.6	21.5	2.13	TAS	m_e
ROTZ	152.72	PKPab	18:12:44.410		19.2	3.90	TAS	m_e
RUE	149.84	PKPbc	18:12:24.726	0.0	21.5	2.13	TAS	m_e
RUE	149.84	pPKPbc	18:14:29.422				T__	m_e
STU	154.36	PKPdf	18:12:25.744		30.0	1.43	TAS	m_e
STU	154.36	PKPbc	18:12:34.654	-0.3	21.5	2.13	TAS	m_e
TNS	153.11	PKPbc	18:12:32.158	0.2	21.5	2.13	TAS	m_e
TNS	153.11	PKPab	18:12:45.390		19.2	3.90	TAS	m_e
TNS	153.11	pPKPbc	18:14:36.975				T__	m_e
UBBA	152.25	PKPbc	18:12:29.872	0.0	21.5	2.13	TAS	m_e
UBBA	152.25	pPKPbc	18:14:35.495				T__	m_e

UBR	155.18	PKPdf	18:12:26.291	30.0	1.43	TAS	m_e	
UBR	155.18	PKPbc	18:12:35.724	21.5	2.13	TAS	m_e	
UBR	155.18	pPKPbc	18:14:40.972			T__	m_e	
WET	153.11	PKPdf	18:12:23.753	30.0	1.43	TAS	m_e	
WET	153.11	PKPbc	18:12:31.811	-0.0	21.5	2.13	TAS	m_e
WLF	154.00	PKPbc	18:12:34.602	-0.0	21.5	2.13	TAS	m_e
WLF	154.00	PKPab	18:12:48.641	19.2	3.90	TAS	m_e	

Event 80111015 Myanmar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	18:26:25.61			18.7100	96.7900				33.0			33		71.17	76.38	m i ke	BGR
80111021																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.1		BGR	80111021
MBB	6.5		BGR	80111021
Ms	5.8		BGR	80111021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.61		P	18:38:08.006	0.1	82.3		5.95		TAS		158.6	1.11	a_e	mb 6.0
ASSE	73.10		S	18:47:18.286						T__					m_e
ASSE	73.10		P	18:37:52.856	-0.3	82.3		5.95		TAS		343.5	1.96	a_e	MBB 6.4
BFO	75.26		P	18:38:05.206	-0.3	82.3		5.95		TAS		89.9	1.27	a_e	MBB 6.4
BRG	71.25		P	18:37:41.906	-0.1	82.3		5.95		TAS		118.0	0.87	a_e	MBB 6.5
BSEG	73.05		S	18:47:19.276						T__					m_e
BSEG	73.05		P	18:37:53.256	0.4	82.3		5.95		TAS		288.6	1.20	a_e	MBB 6.6
BUG	75.31		P	18:38:06.056	-0.2	82.3		5.95		TAS		161.6	1.09	a_e	MBB 6.4
CLL	71.78		P	18:37:44.856	-0.4	82.3		5.95		TAS		144.7	1.20	a_e	mb 6.0
CLZ	73.33		S	18:47:21.255						T__					m_e
CLZ	73.33		P	18:37:54.556	0.1	82.3		5.95		TAS		186.5	1.10	a_e	MBB 6.6
FLT1	72.73		S	18:47:13.834						T__					m_e
FLT1	72.73		P	18:37:50.256	-0.7	82.3		5.95		TAS		404.3	1.81	a_e	MBB 6.5
FUR	73.35		P	18:37:54.256	0.1	82.3		5.95		TAS		161.6	1.03	a_e	MBB 6.6
GEC2	71.66		S	18:47:03.444						T__					m_e
GEC2	71.66		P	18:37:44.306	0.2	82.3		5.95		TAS		122.9	0.87	a_e	MBB 6.6
GOR1	72.60		P	18:37:50.106	-0.1	82.3		5.95		TAS		525.9	1.37	a_e	MBB 6.8
GRA1	73.14		P	18:37:53.656	0.6	82.3		5.95		TAS		408.8	1.37	a_e	MBB 6.7
GRA1	73.14		L	19:13:42.975						T__		5043.5	21.40	a_e	Ms 5.8
GTTG	73.63		S	18:47:25.213						T__					m_e
GTTG	73.63		P	18:37:56.206	-0.1	82.3		5.95		TAS		243.1	1.18	a_e	MBB 6.6
HLG	74.42		P	18:38:01.556	0.5	82.3		5.95		TAS		201.1	1.38	a_e	MBB 6.5
IBBN	74.84		S	18:47:36.098						T__					m_e
IBBN	74.84		P	18:38:03.356	-0.2	82.3		5.95		TAS		596.2	1.72	a_e	MBB 6.6
KAST	74.65		P	18:38:02.256	-0.0	82.3		5.95		TAS		59.3	1.07	a_e	MBB 6.3
MANZ	72.53		S	18:47:14.823						T__					m_e

MANZ	72.53	P	18:37:49.906	0.4	82.3	5.95	TAS	107.6	1.60	a_e	MBB	6.0
MOX	72.74	S	18:47:13.586				T__			m_e		
MOX	72.74	P	18:37:50.806	-0.1	82.3	5.95	TAS	86.5	0.98	a_e	MBB	6.5
MOX	72.74	L	19:15:33.627				T__	5215.0	19.10	a_e	Ms	5.8
NEUB	72.57	S	18:47:11.607				T__			m_e		
NEUB	72.57	P	18:37:49.606	-0.3	82.3	5.95	TAS	143.8	1.02	a_e	MBB	6.5
NRDL	73.39	P	18:37:55.156	0.3	82.3	5.95	TAS	681.9	1.62	a_e	MBB	6.8
PLN	72.42	P	18:37:48.906	-0.0	82.3	5.95	TAS	83.7	0.99	m_e	MBB	6.5
RETH	73.80	P	18:37:57.456	0.1	82.3	5.95	TAS	344.6	1.77	a_e	MBB	6.5
RGN	71.22	S	18:46:58.991				T__			m_e		
RGN	71.22	P	18:37:42.056	0.0	82.3	5.95	TAS	272.8	1.15	a_e	MBB	6.8
RJOB	72.41	P	18:37:48.356	-0.0	82.3	5.95	TAS	58.3	0.96	a_e	MBB	6.5
ROTZ	72.50	S	18:47:14.576				T__			m_e		
ROTZ	72.50	P	18:37:49.706	0.4	82.3	5.95	TAS	54.8	1.03	a_e	MBB	6.0
RUE	71.17	P	18:37:41.356	-0.3	82.3	5.95	TAS	405.0	1.14	a_e	MBB	6.8
STU	74.61	P	18:38:01.756	0.0	82.3	5.95	TAS	385.0	1.08	a_e	MBB	7.0
TNS	74.81	P	18:38:03.156	0.0	82.3	5.95	TAS	169.0	1.17	a_e	MBB	6.4
UBBA	73.73	S	18:47:24.718				T__			m_e		
UBBA	73.73	P	18:37:56.656	-0.1	82.3	5.95	TAS	315.7	1.56	a_e	MBB	6.5
UBR	74.21	P	18:37:58.756	-0.4	82.3	5.95	TAS	110.6	1.03	a_e	MBB	6.3
WET	72.15	S	18:47:08.886				T__			m_e		
WET	72.15	P	18:37:47.406	0.3	82.3	5.95	TAS	115.5	1.04	a_e	MBB	6.6
WLF	76.38	P	18:38:12.556	0.1	82.3	5.95	TAS	285.1	1.13	a_e	mb	6.3

Event 80111016 Myanmar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	18:38:14.13			17.8750	96.0560				33.0			24		71.36	76.53	m i ke	BGR
80111022																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80111022

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.78		P	18:49:56.573	0.2	82.0		5.91		TAS		23.2	1.14	m_e	mb 5.2
ASSE	73.29		P	18:49:41.777	0.0	82.0		5.91		TAS		299.5	3.33	m_e	mb 5.9
BRG	71.41		P	18:49:29.956	0.1	82.0		5.91		TAS		19.5	1.15	m_e	mb 5.1
BSEG	73.27		P	18:49:41.247	-0.5	82.0		5.91		TAS		24.7	1.05	m_e	mb 5.3
CLL	71.95		P	18:49:34.030	-0.5	82.0		5.91		TAS		13.8	1.14	m_e	mb 5.0
CLZ	73.52		P	18:49:42.753	0.4	82.0		5.91		TAS		27.0	1.25	m_e	mb 5.1
FLT1	72.92		P	18:49:39.365	-0.1	82.0		5.91		TAS		22.6	1.39	m_e	mb 5.1
GEC2	71.78		P	18:49:32.748		82.0		5.91		TAS		15.2	1.02	m_e	mb 5.1
GOR1	72.80		P	18:49:38.605	0.5	82.0		5.91		TAS		46.2	1.25	m_e	mb 5.5
GRA1	73.28		P	18:49:41.990		82.0		5.91		TAS		55.8	1.44	m_e	mb 5.5
GTTG	73.81		P	18:49:44.615	-0.1	82.0		5.91		TAS		22.3	1.13	m_e	mb 5.1
IBBN	75.04		P	18:49:51.447	0.3	82.0		5.91		TAS		40.3	1.36	m_e	mb 5.3

KAST	74.82	P	18:49:50.507	0.5	82.0	5.91	TAS	19.7	1.61	m_e	mb	4.9
MANZ	72.67	P	18:49:38.208	-0.5	82.0	5.91	TAS	6.6	1.34	m_e	mb	4.6
MOX	72.90	P	18:49:39.728	0.3	82.0	5.91	TAS	7.7	1.00	m_e	mb	4.8
NEUB	72.74	P	18:49:36.203	0.3	82.0	5.91	TAS	16.9	1.04	m_e	mb	5.1
NRDL	73.59	P	18:49:43.724	-0.3	82.0	5.91	TAS	26.5	1.19	m_e	mb	5.1
PLN	72.58	P	18:49:37.412	0.0	82.0	5.91	TAS	10.2	1.06	m_e	mb	4.9
RETH	74.00	P	18:49:45.117	0.5	82.0	5.91	TAS	16.9	1.30	m_e	mb	4.9
ROTZ	72.64	P	18:49:37.867	0.2	82.0	5.91	TAS	6.1	1.10	m_e	mb	4.6
RUE	71.36	P	18:49:30.541	0.1	82.0	5.91	TAS	63.2	1.23	m_e	mb	5.6
TNS	74.97	P	18:49:51.343	0.5	82.0	5.91	TAS	26.5	1.35	m_e	mb	5.1
WET	72.28	P	18:49:35.075		82.0	5.91	TAS	12.3	1.07	m_e	mb	5.0
WLF	76.53	P	18:50:00.747		82.0	5.91	TAS	44.8	1.41	m_e	mb	5.4

Event 80111017 Myanmar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	18:44:01.35			17.6180	95.7580				33.0			19		71.37	76.53	m i ke	BGR
OrigID 80111023																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80111023

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	75.78	P		18:55:43.302		82.4		5.91		TAS		15.9	0.97	m_e	mb	5.1
BRG	71.41	P		18:55:17.119	0.2	82.4		5.91		TAS		11.5	0.64	m_e	mb	5.2
BSEG	73.30	P		18:55:27.822	-0.4	82.4		5.91		TAS		12.4	0.91	m_e	mb	5.0
BUG	75.50	P		18:55:41.504		82.4		5.91		TAS		13.6	1.01	m_e	mb	5.0
CLL	71.96	P		18:55:20.557		82.4		5.91		TAS		10.0	1.06	m_e	mb	4.9
CLZ	73.53	P		18:55:30.465	0.1	82.4		5.91		TAS		35.8	1.50	m_e	mb	5.2
GEC2	71.77	P		18:55:19.678	0.2	82.4		5.91		TAS		13.7	0.72	m_e	mb	5.2
GOR1	72.82	P		18:55:25.495	-0.3	82.4		5.91		TAS		38.0	1.23	m_e	mb	5.4
GRA1	73.28	P		18:55:29.211	-0.3	82.4		5.91		TAS		93.6	1.94	m_e	mb	5.6
GTTG	73.82	P		18:55:31.720		82.4		5.91		TAS		14.4	1.02	m_e	mb	5.0
IBBN	75.06	P		18:55:38.612		82.4		5.91		TAS		20.8	1.16	m_e	mb	5.1
MANZ	72.67	P		18:55:24.797	0.6	82.4		5.91		TAS		2.1	1.05	m_e	mb	4.2
MOX	72.91	P		18:55:25.960	0.1	82.4		5.91		TAS		9.4	0.99	m_e	mb	4.9
NRDL	73.60	P		18:55:30.851	-0.0	82.4		5.91		TAS		36.0	1.53	m_e	mb	5.2
PLN	72.58	P		18:55:23.634	0.4	82.4		5.91		TAS		7.0	0.83	m_e	mb	4.8
RETH	74.02	P		18:55:32.657		82.4		5.91		TAS		18.6	1.49	m_e	mb	4.9
ROTZ	72.63	P		18:55:25.030	-0.5	82.4		5.91		TAS		3.2	0.79	m_e	mb	4.5
RUE	71.37	P		18:55:16.886	-0.3	82.4		5.91		TAS		31.1	0.89	m_e	mb	5.4
STU	74.73	P		18:55:36.739		82.4		5.91		TAS		67.3	1.26	m_e	mb	5.5
TNS	74.97	P		18:55:38.187		82.4		5.91		TAS		338.4	3.50	m_e	mb	5.8
UBR	74.30	P		18:55:34.036		82.4		5.91		TAS		9.8	0.80	m_e	mb	4.9
WET	72.27	P		18:55:22.703	-0.1	82.4		5.91		TAS		8.0	0.80	m_e	mb	4.9
WLF	76.53	P		18:55:47.645		82.4		5.91		TAS		31.3	1.18	m_e	mb	5.3

Event 80111018 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/11	22:06:49.10			-19.9900	169.1600				40.0			20		143.51	147.77	m i ke	EMSC
OrigID 80111050																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.77		PKP	22:26:28.689		38.6		3.12		TAS					m_e
BRG	143.51		PKP	22:26:15.194	0.3	38.6		3.12		TAS					m_e
BUG	145.54		PKP	22:26:21.942		38.6		3.12		TAS					m_e
CLL	143.56		PKP	22:26:14.961	0.6	38.6		3.12		TAS					m_e
FUR	146.69		PKP	22:26:26.828		38.6		3.12		TAS					m_e
GEC2	145.11		PKP	22:26:21.243		38.6		3.12		TAS					m_e
GRA1	145.53		PKP	22:26:22.790		38.6		3.12		TAS					m_e
GTTG	144.53		PKP	22:26:19.404	0.3	38.6		3.12		TAS					m_e
MANZ	144.94		PKP	22:26:20.700	0.1	38.6		3.12		TAS					m_e
MOX	144.63		PKP	22:26:19.320	0.9	38.6		3.12		TAS					m_e
NEUB	144.14		PKP	22:26:18.024	0.6	38.6		3.12		TAS					m_e
PLN	144.54		PKP	22:26:19.236	-0.5	38.6		3.12		TAS					m_e
RJOB	146.34		PKP	22:26:24.501		38.6		3.12		TAS					m_e
ROTZ	145.07		PKP	22:26:21.369	-0.8	38.6		3.12		TAS					m_e
STU	147.08		PKP	22:26:26.828		38.6		3.12		TAS					m_e
TNS	146.17		PKP	22:26:24.462		38.6		3.12		TAS					m_e
UBBA	145.11		PKP	22:26:21.034	-0.5	38.6		3.12		TAS					m_e
UBR	147.57		PKP	22:26:27.758		38.6		3.12		TAS					m_e
WET	145.26		PKP	22:26:21.787		38.6		3.12		TAS					m_e
WLF	147.43		PKP	22:26:28.309		38.6		3.12		TAS					m_e

Event 80112003 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/12	09:51:08.60			30.7300	131.8400				32.0					84.16	84.16	m i ke	EMSC
OrigID 80112035																	

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 80112009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	84.16		P	10:03:38.172		48.2		4.81		TAS		16.7	1.15	m_e mb	5.2

Event 80112006 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/12	12:59:53.61			-16.7430	-174.8920				33.0				15	144.16	148.45	m i ke	BGR
OrigID 80112012																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.39		PKPbc	13:19:33.914		10.7		2.96		TAS					m_e
BRG	145.22		PKPbc	13:19:24.667	-0.0	10.7		2.96		TAS					m_e
CLL	144.94		PKPbc	13:19:23.401	-0.4	10.7		2.96		TAS					m_e
FLT1	144.16		PKPbc	13:19:22.575	-0.7	10.7		2.96		TAS					m_e
GEC2	147.22		PKPbc	13:19:30.832		10.7		2.96		TAS					m_e
GRA1	146.76		PKPbc	13:19:31.493		10.7		2.96		TAS					m_e
KAST	145.52		PKPbc	13:19:25.493	-0.0	10.7		2.96		TAS					m_e
MANZ	146.36		PKPbc	13:19:28.245	-0.2	10.7		2.96		TAS					m_e
MOX	145.78		PKPbc	13:19:26.539	0.1	10.7		2.96		TAS					m_e
NEUB	145.22		PKPbc	13:19:24.392	0.1	10.7		2.96		TAS					m_e
PLN	145.86		PKPbc	13:19:26.869	-0.1	10.7		2.96		TAS					m_e
RJOB	148.45		PKPbc	13:19:34.300		10.7		2.96		TAS					m_e
ROTZ	146.56		PKPbc	13:19:29.181		10.7		2.96		TAS					m_e
UBBA	145.78		PKPbc	13:19:26.208	0.3	10.7		2.96		TAS					m_e
WLF	147.15		PKPbc	13:19:31.107		10.7		2.96		TAS					m_e

Event 80113003 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/13	16:30:14.90	2.90	2.38	34.5000	23.3000	130.1	31.1	108	40.0				6 267	16.01	20.77	m i ke	EMSC
OrigID 80113035																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	18.38		Pn	16:34:25.957	1.3					T__					m_e
GEC2	16.01		Pn	16:34:01.405	-0.0					T__					m_e
RETH	20.77		Pn	16:34:53.508	-4.7					T__					m_e
ROTZ	17.30		Pn	16:34:15.818	0.8					T__					m_e
TANN	17.77		Pn	16:34:20.714	3.0					T__					m_e
WET	16.54		Pn	16:34:07.245	-0.4					T__					m_e

Event 80114003 Near coast of Peru

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/14	09:18:45.80			-15.7400	-74.6500				40.0			19		96.02	101.16	m i ke	EMSC
OrigID 80114035																	

Magnitude	Err	Nsta	Author	OrigID
Ms	7.3		BGR	80114009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	96.84		Pdiff	09:32:12.389						T__					m_e
BFO	97.02		Pdiff	09:32:12.579						T__					m_e
BRG	101.16		Pdiff	09:32:32.048	-0.4					T__					m_e
BSEG	99.64		Pdiff	09:32:25.745	0.1					T__					m_e
CLL	100.67		Pdiff	09:32:29.698	-0.2					T__					m_e
CLZ	99.18		Pdiff	09:32:23.205	-0.2					T__					m_e
GEC2	100.61		Pdiff	09:32:29.508						T__					m_e
GRA1	99.21		L	10:12:57.005						T__	100608.0	21.70	a_e	Ms	7.3
IBBN	97.74		Pdiff	09:32:16.162	0.1					T__					m_e
MANZ	99.83		Pdiff	09:32:26.102						T__					m_e
MOX	99.67		Pdiff	09:32:25.322	0.5					T__					m_e
MOX	99.67		L	10:17:49.752						T__	106603.0	19.80	a_e	Ms	7.3
NRDL	99.18		Pdiff	09:32:23.248	-0.2					T__					m_e
PLN	99.97		Pdiff	09:32:26.675						T__					m_e
RETH	98.80		Pdiff	09:32:21.618	0.1					T__					m_e
RJOB	99.78		Pdiff	09:32:25.467						T__					m_e
ROTZ	99.85		Pdiff	09:32:25.833						T__					m_e
TANN	100.14		Pdiff	09:32:27.228						T__					m_e
TNS	97.60		Pdiff	09:32:15.680						T__					m_e
UBR	98.00		Pdiff	09:32:17.910						T__					m_e
WLF	96.02		Pdiff	09:32:08.677						T__					m_e

Event 80114002 Hindu Kush, Afghanistan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/14	09:19:28.43			36.1900	70.7400				33.0			30		42.65	47.75	m i ke	BGR
OrigID 80114008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	80114008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	47.03		P	09:27:40.002	0.3	83.9		7.85		TAS		22.8	0.68	m_e mb	5.4
BFO	46.54		P	09:27:35.480		83.9		7.85		TAS		9.7	0.66	m_e mb	5.1
BRG	42.65		P	09:27:05.610	-0.1	83.9		7.85		TAS		39.1	0.60	m_e mb	5.3

BSEG	44.75	P	09:27:22.304	0.0	83.9	7.85	TAS	47.7	0.71	m_e	mb	5.5
BUG	46.79	P	09:27:37.881	-0.2	83.9	7.85	TAS	23.0	0.75	m_e	mb	5.4
CLL	43.22	P	09:27:09.610	-0.2	83.9	7.85	TAS	22.4	0.80	a_e	mb	5.0
CLZ	44.83	P	09:27:22.707	-0.3	83.9	7.85	TAS	23.4	0.80	m_e	mb	5.2
FLT1	44.27	P	09:27:17.710	-0.1	83.9	7.85	TAS	87.3	0.68	a_e	mb	5.6
FUR	44.61	P	09:27:21.191		83.9	7.85	TAS	31.4	0.66	m_e	mb	5.4
GEC2	42.94	P	09:27:07.658	0.3	83.9	7.85	TAS	8.7	0.73	m_e	mb	4.6
GOR1	44.19	P	09:27:17.569	0.0	83.9	7.85	TAS	31.0	0.92	m_e	mb	5.0
GRA1	44.48	P	09:27:20.665	-0.5	83.9	7.85	TAS	24.7	0.65	m_e	mb	5.1
GTTG	45.11	P	09:27:25.060	-0.7	83.9	7.85	TAS	44.9	0.66	a_e	mb	5.5
IBBN	46.40	P	09:27:34.910	-0.6	83.9	7.85	TAS	50.7	0.66	a_e	mb	5.7
MANZ	43.88	P	09:27:15.667	-0.3	83.9	7.85	TAS	4.1	0.80	m_e	mb	4.2
MOX	44.14	P	09:27:17.460	-0.1	83.9	7.85	TAS	19.7	0.65	a_e	mb	5.0
NEUB	44.00	P	09:27:16.119	0.0	83.9	7.85	TAS	42.9	0.70	m_e	mb	5.3
NRDL	44.95	P	09:27:23.867	-0.7	83.9	7.85	TAS	30.1	0.80	m_e	mb	5.3
PLN	43.81	P	09:27:14.591	0.3	83.9	7.85	TAS	14.3	0.74	m_e	mb	4.8
RETH	45.39	P	09:27:26.999	0.3	83.9	7.85	TAS	13.8	0.83	m_e	mb	4.9
RGN	42.98	P	09:27:08.221	0.8	83.9	7.85	TAS	172.4	0.87	m_e	mb	5.8
RJOB	43.65	P	09:27:13.210		83.9	7.85	TAS	20.8	0.61	a_e	mb	5.0
ROTZ	43.83	P	09:27:15.265	-0.1	83.9	7.85	TAS	7.4	1.18	m_e	mb	4.3
RUE	42.70	P	09:27:05.310	-0.1	83.9	7.85	TAS	56.1	0.82	a_e	mb	5.3
STU	45.91	P	09:27:31.341	0.2	83.9	7.85	TAS	56.9	0.67	m_e	mb	5.7
TANN	43.62	P	09:27:13.291	0.1	83.9	7.85	TAS	12.8	0.86	m_e	mb	4.7
UBBA	45.15	P	09:27:25.030	-0.2	83.9	7.85	TAS	15.5	0.58	m_e	mb	5.1
UBR	45.46	P	09:27:27.360		83.9	7.85	TAS	45.4	0.60	a_e	mb	5.6
WET	43.45	P	09:27:11.492	0.5	83.9	7.85	TAS			m_e		
WLF	47.75	P	09:27:45.774	0.3	83.9	7.85	TAS	30.6	0.79	m_e	mb	5.5

Event 80116005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/16	19:57:15.48			-20.6200	-179.4400			664.4		8.1		19		147.28	151.92	m i ke	BGR
	80116011																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.58		PKPbc	20:15:46.541	0.2	18.9		2.43		TAS					m_e
BFO	151.65		PKPbc	20:15:56.457		18.9		2.43		TAS					m_e
BFO	151.65		pPKPbc	20:18:26.786						T__					m_e
BRG	148.02		pPKPbc	20:18:15.761						T__					m_e
BUG	148.79		pPKPbc	20:18:20.223						T__					m_e
CLL	147.85		PKPbc	20:15:47.262	-0.2	18.9		2.43		TAS					m_e
CLZ	147.91		PKPbc	20:15:47.772	-0.2	18.9		2.43		TAS					m_e
CLZ	147.91		pPKPbc	20:18:15.498						T__					m_e
FLT1	147.28		PKPbc	20:15:45.549	0.1	18.9		2.43		TAS					m_e

FUR	151.19	PKPbc	20:15:55.568	18.9	2.43	TAS	m_e
GEC2	149.93	PKPbc	20:15:52.733	18.9	2.43	TAS	m_e
GEC2	149.93	pPKPbc	20:18:21.404			T__	m_e
GRA1	149.77	PKPbc	20:15:52.528	18.9	2.43	TAS	m_e
GTTG	148.27	pPKPbc	20:18:16.155			T__	m_e
NEUB	148.24	pPKPbc	20:18:16.286			T__	m_e
RJOB	151.19	PKPbc	20:15:55.299	18.9	2.43	TAS	m_e
RJOB	151.19	pPKPbc	20:18:25.473			T__	m_e
ROTZ	149.47	PKPbc	20:15:51.600	18.9	2.43	TAS	m_e
ROTZ	149.47	pPKPbc	20:18:20.628			T__	m_e
STU	151.07	PKPbc	20:15:55.397	18.9	2.43	TAS	m_e
TANN	148.81	PKPbc	20:15:49.897	18.9	2.43	TAS	m_e
UBR	151.92	PKPbc	20:15:57.058	18.9	2.43	TAS	m_e
WET	149.88	PKPbc	20:15:52.511	18.9	2.43	TAS	m_e
WLF	150.68	pPKPbc	20:18:24.292			T__	m_e

Event 80117002 Xizang

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/17	01:25:18.90			34.9700	87.0100				10.0					55.61	55.61	m i ke	EMSC
80117034																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	80117008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	55.61		P	01:34:55.193		74.7		6.26		TAS		12.9	1.04	m_e mb	4.9

Event 80117003 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2018/01/17	10:22:23.87	0.39	1.44	46.3920	13.6230	8.9	4.4	5	10.0				34	212	0.65	5.92	m i ke	BGR
80117009																		

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	80117009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	1.56		Sg	10:23:12.488	-1.0					T__				m_e	
ARSA	1.56		Pg	10:22:50.829	-2.5					T__				m_e	ML 3.3
BFO	4.09		Pn	10:23:24.694	-0.2					T__				m_e	ML 4.0
BRG	4.49		Pn	10:23:30.843	0.6					T__				m_e	ML 4.2
CKRC	2.47		Sg	10:23:41.195	-1.2					T__				m_e	

CKRC	2.47	Pn	10:23:03.533	0.4	T__	m_e ML	3.9
CKRC	2.47	Pg	10:23:07.354	-3.1	T__	m_e	
CLL	4.94	Pn	10:23:37.135	0.8	T__	m_e ML	4.4
DAVA	2.72	Pn	10:23:07.190	0.7	T__	m_e ML	4.1
DPC	4.38	Pn	10:23:28.197	-0.6	T__	m_e ML	4.9
FUR	2.39	Pg	10:23:06.634	-2.2	T__	m_e	
JAVC	3.69	Pn	10:23:21.130	1.7	T__	m_e	
KAST	5.92	Pn	10:23:51.190	1.7	T__	m_e ML	4.3
KBA	0.71	Sg	10:22:46.085	-0.6	T__	m_e	
KBA	0.71	Pg	10:22:35.389	-2.0	T__	m_e ML	3.2
KHC	2.74	Pn	10:23:07.790	1.1	T__	m_e	
KRUC	3.26	Pn	10:23:13.560	-0.2	T__	m_e ML	3.6
MANZ	3.74	Pn	10:23:20.352	0.2	T__	m_e ML	4.1
MOA	1.52	Sg	10:23:13.825	1.6	T__	m_e	
MOA	1.52	Pg	10:22:51.572	-1.0	T__	m_e ML	3.6
MORC	4.29	Pn	10:23:28.046	0.5	T__	m_e ML	4.4
MOX	4.46	Pn	10:23:30.157	0.3	T__	m_e ML	4.1
NEUB	4.96	Pn	10:23:38.265	1.6	T__	m_e ML	4.7
NKC	3.92	Pn	10:23:23.762	1.1	T__	m_e	
NKC	3.92	Pg	10:23:36.330	-1.4	T__	m_e	
OBKA	0.65	Sg	10:22:43.944	-0.8	T__	m_e	
OBKA	0.65	Pg	10:22:33.703	-2.5	T__	m_e ML	3.7
OKC	4.59	Pn	10:23:32.302	0.7	T__	m_e ML	3.6
PLN	4.21	Pn	10:23:27.290	0.7	T__	m_e ML	4.3
PRU	3.65	Pn	10:23:19.526	0.5	T__	m_e	
PVCC	4.19	Pn	10:23:26.732	0.5	T__	m_e ML	4.7
ROTZ	3.51	Pn	10:23:17.259	0.2	T__	m_e	
SOP	2.39	Pn	10:23:02.504	0.6	T__	m_e	
TANN	4.10	Pn	10:23:25.690	0.7	T__	m_e ML	4.2
TNS	5.16	Pn	10:23:40.162	0.9	T__	m_e ML	4.4
TREC	3.16	Pn	10:23:12.817	0.4	T__	m_e ML	3.9
UBBA	5.04	Pn	10:23:39.955	2.3	T__	m_e	
VRAC	3.54	Pn	10:23:17.845	0.4	T__	m_e ML	3.7
VYHS	4.12	Pn	10:23:24.685	-0.6	T__	m_e	
WET	2.80	Pn	10:23:08.126	0.6	T__	m_e ML	3.9
WTTA	1.62	Sg	10:23:13.733	-1.6	T__	m_e	
WTTA	1.62	Pg	10:22:51.193	-3.2	T__	m_e ML	4.0

Event 80117001 Arlberg/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/17	19:07:21.19	0.21	1.25	47.1970	10.0140	3.3	2.2	164	10.0				36 150	0.13	4.96	m i ke	BGR
80117007																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.2		BGR	80117007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	3.87		Pn	19:08:20.482	1.2					T__				m_e	
ARSA	3.75		Pn	19:08:19.508	1.8					T__				m_e	
ASSE	4.96		Sg	19:10:00.747	2.4					T__				m_e	ML 4.3
BALST	1.59		Sg	19:08:11.779	0.2					T__				m_e	
BALST	1.59		Pn	19:07:48.665	0.2					T__				m_e	ML 4.2
BALST	1.59		Pg	19:07:49.987	-1.1					T__				m_e	
BFO	1.61		Sg	19:08:11.877	-0.3					T__				m_e	
BFO	1.61		Pn	19:07:48.842	0.1					T__				m_e	ML 3.8
BFO	1.61		Pg	19:07:50.990	-0.5					T__				m_e	
BRG	4.50		Sg	19:09:42.578	-1.2					T__				m_e	
BRG	4.50		Pn	19:08:27.026	-0.7					T__				m_e	ML 4.3
BUG	4.61		Pn	19:08:31.458	2.2					T__				m_e	
CLL	4.56		Sg	19:09:44.842	-0.9					T__				m_e	
CLL	4.56		Pn	19:08:27.248	-1.2					T__				m_e	ML 4.6
CLZ	4.66		Sg	19:09:50.553	1.7					T__				m_e	
CLZ	4.66		Pn	19:08:29.722	-0.1					T__				m_e	ML 4.5
DAVA	0.13		Sg	19:07:24.669	-2.0					T__				m_e	
DAVA	0.13		Pg	19:07:22.402	-2.0					T__				m_e	
FUR	1.29		Pg	19:07:44.915	-0.6					T__				m_e	
GEC2	2.97		Sg	19:08:54.198	-1.4					T__				m_e	
GEC2	2.97		Pn	19:08:07.890	0.7					T__				m_e	ML 4.1
GEC2	2.97		Pg	19:08:18.174	1.0					T__				m_e	
GRA1	2.62		Sg	19:08:44.382	-0.1					T__				m_e	
GRA1	2.62		Pn	19:08:01.459	-1.0					T__				m_e	ML 4.4
GRA1	2.62		Pg	19:08:10.938	0.4					T__				m_e	
GTTG	4.35		Sg	19:09:40.224	0.9					T__				m_e	
GTTG	4.35		Pn	19:08:26.251	0.5					T__				m_e	ML 4.8
KAST	4.14		Pn	19:08:24.134	1.2					T__				m_e	
KAST	4.14		Pg	19:08:38.956	-0.2					T__				m_e	
KBA	2.28		Sg	19:08:34.129	0.7					T__				m_e	
KBA	2.28		Pn	19:08:00.533	2.8					T__				m_e	ML 3.9
KBA	2.28		Pg	19:08:03.632	-0.4					T__				m_e	
MANZ	3.12		Sg	19:09:00.886	0.8					T__				m_e	
MANZ	3.12		Pn	19:08:07.850	-1.3					T__				m_e	
MOA	2.95		Sg	19:08:54.385	-0.6					T__				m_e	
MOA	2.95		Pn	19:08:08.852	1.9					T__				m_e	ML 4.1
MOX	3.61		Sg	19:09:15.489	-0.2					T__				m_e	
MOX	3.61		Pn	19:08:14.349	-1.4					T__				m_e	ML 4.5
MOX	3.61		Pg	19:08:30.239	1.1					T__				m_e	
NORI	1.58		Sg	19:08:12.558	1.2					T__				m_e	
NORI	1.58		Pn	19:07:47.939	-0.4					T__				m_e	ML 4.3
OBER	0.28		Sg	19:07:29.981	-0.7					T__				m_e	
OBER	0.28		Pg	19:07:25.614	-1.2					T__				m_e	
OBKA	3.19		Pn	19:08:13.038	3.0					T__				m_e	
PART	0.81		Pg	19:07:34.322	-2.1					T__				m_e	
PLN	3.58		Sg	19:09:14.535	-0.4					T__				m_e	ML 4.3
PLONS	0.46		Sg	19:07:34.526	-1.4					T__				m_e	

PLONS	0.46	Pg	19:07:27.826	-2.1	T__	m_e ML	3.3
ROTZ	2.96	Sg	19:08:54.482	-0.5	T__	m_e	
ROTZ	2.96	Pn	19:08:05.775	-1.2	T__	m_e ML	4.2
SLE	1.18	Pg	19:07:42.593	-0.8	T__	m_e	
STU	1.67	Sg	19:08:14.848	0.7	T__	m_e	
STU	1.67	Pn	19:07:49.610	0.0	T__	m_e ML	4.2
STU	1.67	Pg	19:07:52.498	-0.1	T__	m_e	
SULZ	1.33	Sg	19:08:04.164	0.6	T__	m_e	
SULZ	1.33	Pn	19:07:45.334	0.3	T__	m_e ML	4.5
SULZ	1.33	Pg	19:07:46.321	-0.0	T__	m_e	
TANN	3.60	Sg	19:09:13.700	-1.8	T__	m_e ML	4.4
TNS	3.20	Sg	19:09:02.902	0.2	T__	m_e	
TNS	3.20	Pn	19:08:11.169	0.9	T__	m_e ML	4.4
UBBA	3.63	Sg	19:09:14.177	-2.0	T__	m_e ML	4.2
UBR	0.49	Sg	19:07:39.310	2.4	T__	m_e	
UBR	0.49	Pg	19:07:30.605	0.1	T__	m_e ML	4.2
WET	2.73	Sg	19:08:45.789	-2.1	T__	m_e	
WET	2.73	Pn	19:08:03.947	0.0	T__	m_e ML	4.0
WET	2.73	Pg	19:08:13.082	0.4	T__	m_e	
WILA	0.78	Sg	19:07:47.256	1.0	T__	m_e	
WILA	0.78	Pg	19:07:35.317	-0.7	T__	m_e ML	4.4
WLF	3.56	Sg	19:09:14.296	0.0	T__	m_e	
WLF	3.56	Pn	19:08:17.353	2.2	T__	m_e ML	4.3

Event 80118001 Bonin Islands, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/18	01:51:02.30			27.4900	141.8700				80.0					91.53	91.53	m i ke	EMSC
80118033																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	80118007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	91.53		P	02:04:00.565		42.4		4.30		TAS		21.1	0.98	m_e mb	5.4

Event 80118003 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/18	12:08:52.80			52.5600	152.9800				459.0				12	73.00	73.81	m i ke	EMSC
80118035																	

Magnitude	Err	Nsta	Author	OrigID

mb 5.5 BGR 80118009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	73.09		P	12:19:36.639	0.1	23.3		4.91		TAS		42.9	0.99	m_e	mb 5.5
GRA2	73.09		P	12:19:36.418	-0.1	23.3		4.91		TAS		60.1	1.04	m_e	mb 5.7
GRA3	73.00		P	12:19:36.026	-0.1	23.3		4.91		TAS		50.4	1.10	m_e	mb 5.6
GRA4	73.15		P	12:19:36.868	0.0	23.3		4.91		TAS		54.4	1.04	m_e	mb 5.6
GRB1	73.26		P	12:19:37.615	0.3	23.3		4.91		TAS		65.7	1.40	m_e	mb 5.6
GRB2	73.36		P	12:19:37.860	0.0	23.3		4.91		TAS		27.2	0.79	m_e	mb 5.4
GRB3	73.26		P	12:19:37.319	-0.0	23.3		4.91		TAS		52.7	1.25	a_e	mb 5.5
GRB5	73.51		P	12:19:38.469	-0.1	23.3		4.91		TAS		31.4	0.99	a_e	mb 5.3
GRC1	73.65		P	12:19:39.219	-0.1	23.3		4.91		TAS		28.1	0.87	a_e	mb 5.3
GRC2	73.81		P	12:19:40.169	0.1	23.3		4.91		TAS		66.3	1.56	m_e	mb 5.4
GRC3	73.73		P	12:19:39.669	-0.0	23.3		4.91		TAS		28.8	0.92	a_e	mb 5.3
GRC4	73.57		P	12:19:38.769	-0.1	23.3		4.91		TAS		34.2	1.33	a_e	mb 5.2

Event 80119002 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/19	12:00:00.12			44.2900	144.5500				87.9	0.0		17		74.64	78.41	m i ke	BGR
OrigID 80119008																	

Magnitude Err Nsta Author
mb 4.7 BGR 80119008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	75.98		P	12:11:44.593	0.3	32.3		5.64		TAS		3.8	0.69	m_e	mb 4.6
BSEG	74.64		P	12:11:36.661	0.0	32.3		5.64		TAS		10.9	0.76	m_e	mb 5.0
BUG	77.73		P	12:11:54.175	0.1	32.3		5.64		TAS		9.2	0.75	m_e	mb 5.0
CLL	75.95		P	12:11:44.220	0.1	32.3		5.64		TAS		13.1	0.76	m_e	mb 5.1
CLZ	76.39		P	12:11:46.448	-0.2	32.3		5.64		TAS		11.4	0.66	m_e	mb 5.1
FLT1	75.69		P	12:11:42.565	-0.1	32.3		5.64		TAS		9.0	0.77	m_e	mb 5.0
GEC2	77.75		P	12:11:54.252	-0.0	32.3		5.64		TAS		1.9	0.69	m_e	mb 4.3
GRA1	77.93		P	12:11:55.533	0.2	32.3		5.64		TAS		13.2	0.86	m_e	mb 5.1
GTTG	76.78		P	12:11:49.046	0.3	32.3		5.64		TAS		8.9	0.78	m_e	mb 5.0
KAST	77.58		P	12:11:53.180	-0.1	32.3		5.64		TAS		7.2	0.84	m_e	mb 4.8
KAST	77.58		pP	12:12:16.102						T__				m_e	
MANZ	77.37		P	12:11:52.105	-0.0	32.3		5.64		TAS		0.8	0.68	m_e	mb 4.0
MANZ	77.37		pP	12:12:15.040						T__				m_e	
MOX	76.99		P	12:11:49.842	-0.1	32.3		5.64		TAS		3.2	0.69	m_e	mb 4.6
ROTZ	77.52		P	12:11:53.025	0.0	32.3		5.64		TAS		0.8	0.73	m_e	mb 3.9
TANN	76.89		P	12:11:49.200	-0.2	32.3		5.64		TAS		3.0	0.78	m_e	mb 4.5
TNS	78.41		P	12:11:58.089	0.1	32.3		5.64		TAS		5.8	0.85	m_e	mb 4.7
UBBA	77.39		P	12:11:52.033	-0.2	32.3		5.64		TAS		2.9	0.62	m_e	mb 4.6
WET	77.80		P	12:11:54.444	-0.1	32.3		5.64		TAS		5.8	0.94	m_e	mb 4.7

Event 80119003 Off west coast of Baja California, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/19	16:17:35.71			24.2190	-113.3340				10.0				8	88.29	93.27	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80119009
Ms	6.6		BGR	80119009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	89.63		P	16:30:29.531	0.4	311.3		4.63		TAS				m_e	
BSEG	88.29		P	16:30:22.508	-0.3	311.3		4.63		TAS		27.0	0.87	m_e mb	5.6
BUG	88.44		P	16:30:23.548	-0.6	311.3		4.63		TAS		20.8	1.16	m_e mb	5.4
CLL	91.26		P	16:30:36.736	-0.6	311.3		4.63		TAS		5.5	0.99	m_e mb	4.8
CLZ	89.68		P	16:30:29.645	0.3	311.3		4.63		TAS		10.3	0.93	m_e mb	5.0
FLT1	89.76		P	16:30:29.658	-0.6	311.3		4.63		TAS				m_e	
GEC2	93.27		P	16:30:46.406		311.3		4.63		TAS				m_e	
GRA1	91.50		P	16:30:38.028		311.3		4.63		TAS		7.0	0.90	m_e mb	5.0
GRA1	91.50		L	17:09:07.199						T__		24515.4	20.50	a_e Ms	6.6
GTTG	89.68		P	16:30:29.527	-0.6	311.3		4.63		TAS				m_e	
KAST	89.15		P	16:30:27.152		311.3		4.63		TAS		7.8	0.98	m_e mb	4.9
MANZ	91.73		P	16:30:38.658		311.3		4.63		TAS				m_e	
MOX	91.06		P	16:30:35.872	-0.6	311.3		4.63		TAS		5.7	0.95	m_e mb	4.9
MOX	91.06		L	17:08:17.119						T__		22514.4	19.90	m_e Ms	6.6
NRDL	89.13		P	16:30:26.424	0.4	311.3		4.63		TAS		18.5	0.98	m_e mb	5.3
ROTZ	91.93		P	16:30:39.673		311.3		4.63		TAS				m_e	
TANN	91.61		P	16:30:38.112		311.3		4.63		TAS				m_e	
TNS	89.78		P	16:30:29.552		311.3		4.63		TAS		9.4	0.95	m_e mb	5.0
UBBA	90.17		P	16:30:31.902	-0.6	311.3		4.63		TAS				m_e	
WET	92.67		P	16:30:43.132		311.3		4.63		TAS				m_e	
WLF	88.97		P	16:30:26.020		311.3		4.63		TAS		19.2	0.91	m_e mb	5.3

Event 80119006 Egypt

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/19	22:18:46.88			31.8310	33.8840				33.0					24.60	24.60	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	80119012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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GRA1 24.60 P 22:24:04.285 118.7 9.41 TAS 5.3 0.60 m_e mb 4.4

Event 80120001 Central Alaska, United States

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2018/01/19 23:55:04.60 63.9700 -148.9900 128.0 65.62 65.62 m i ke EMSC
80120033

Magnitude Err Nsta Author OrigID
mb 4.7 BGR 80120007

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 65.62 P 00:05:35.701 350.6 5.90 TAS 4.9 0.95 m_e mb 4.7

Event 80120002 East of Kuril Islands, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2018/01/20 05:51:27.74 43.8430 149.6620 33.0 25 76.58 82.12 m i ke BGR
80120008

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 80120008

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
AHRW 80.52 P 06:03:34.935 0.2 29.1 5.42 TAS 30.1 1.13 m_e mb 5.2
BFO 82.12 P 06:03:42.445 29.1 5.42 TAS 18.6 1.02 m_e mb 5.2
BRG 78.12 P 06:03:21.792 0.3 29.1 5.42 TAS 20.2 1.02 m_e mb 5.2
BSEG 76.58 P 06:03:13.102 -0.3 29.1 5.42 TAS 23.9 0.90 m_e mb 5.3
BUG 79.66 P 06:03:30.160 -0.0 29.1 5.42 TAS 28.5 0.98 m_e mb 5.2
CLL 78.05 P 06:03:21.062 0.0 29.1 5.42 TAS 50.1 0.75 m_e mb 5.7
CLZ 78.40 P 06:03:23.782 0.3 29.1 5.42 TAS 43.5 0.99 m_e mb 5.5
FLT1 77.71 P 06:03:19.282 0.1 29.1 5.42 TAS 35.8 0.89 m_e mb 5.5
GEC2 79.95 P 06:03:31.742 29.1 5.42 TAS 13.1 0.77 m_e mb 4.9
GRA1 80.02 L 06:47:27.443 T__ 269.3 19.20 a_e
GRA1 80.02 P 06:03:32.484 29.1 5.42 TAS 50.6 0.89 m_e mb 5.5
GTTG 78.78 P 06:03:25.908 0.0 29.1 5.42 TAS 37.6 1.01 m_e mb 5.4
IBBN 78.75 P 06:03:25.265 0.6 29.1 5.42 TAS 34.4 0.86 m_e mb 5.4
KAST 79.54 P 06:03:29.747 0.2 29.1 5.42 TAS 16.6 0.94 m_e mb 4.9
MANZ 79.48 P 06:03:29.418 0.1 29.1 5.42 TAS 4.3 0.98 m_e mb 4.4
MOX 79.07 P 06:03:27.079 -0.3 29.1 5.42 TAS 32.6 1.17 m_e mb 5.2
NEUB 78.54 P 06:03:24.078 0.2 29.1 5.42 TAS 44.8 0.98 m_e mb 5.5
NRDL 77.91 P 06:03:20.260 -0.3 29.1 5.42 TAS 19.6 0.96 m_e mb 5.2
PLN 79.03 P 06:03:27.045 0.0 29.1 5.42 TAS 22.2 1.06 m_e mb 5.1

RETH	77.91	P	06:03:20.518	0.2	29.1	5.42	TAS	28.3	1.03	m_e	mb	5.3
ROTZ	79.64	P	06:03:30.061	-1.0	29.1	5.42	TAS	6.3	1.03	m_e	mb	4.5
RUE	76.80	P	06:03:14.437	0.5	29.1	5.42	TAS	50.3	1.03	m_e	mb	5.6
TANN	79.00	P	06:03:25.611	0.4	29.1	5.42	TAS	12.9	1.11	m_e	mb	4.9
TNS	80.40	P	06:03:33.769	0.6	29.1	5.42	TAS	19.1	0.89	m_e	mb	5.0
UBBA	79.41	P	06:03:28.808	-0.9	29.1	5.42	TAS	15.6	1.04	m_e	mb	5.0
WET	79.96	P	06:03:32.385		29.1	5.42	TAS	39.3	1.00	m_e	mb	5.3

Event 80120003 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/20	11:47:48.32			-22.3300	-179.3100				571.0			32		147.61	153.35	m i ke	BGR
OrigID 80120009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.27		PKPbc	12:06:32.891	0.3	19.4		2.34		TAS				m_e	
BFO	153.35		PKPab	12:06:56.523						T__				m_e	
BRG	149.69		PKPbc	12:06:34.096	0.2	19.4		2.34		TAS				m_e	
BSEG	147.61		PKPbc	12:06:28.754	-0.1	19.4		2.34		TAS				m_e	
BSEG	147.61		PKPab	12:06:32.779	-0.5					T__				m_e	
CLL	149.53		PKPbc	12:06:33.497	0.1	19.4		2.34		TAS				m_e	
CLL	149.53		PKPab	12:06:40.426	-0.0					T__				m_e	
CLZ	149.60		PKPbc	12:06:33.997	0.2	19.4		2.34		TAS				m_e	
FLT1	148.97		PKPbc	12:06:31.791	-0.1	19.4		2.34		TAS				m_e	
FLT1	148.97		PKPab	12:06:38.056	0.4					T__				m_e	
GEC2	151.59		PKPbc	12:06:38.200		19.4		2.34		TAS				m_e	
GRA1	151.45		PKPab	12:06:49.305						T__				m_e	
GRA2	151.46		PKPbc	12:06:37.867		19.4		2.34		TAS				m_e	
GRA2	151.46		PKPab	12:06:49.218						T__				m_e	
GRA3	151.37		PKPab	12:06:48.903						T__				m_e	
GRB1	151.63		PKPbc	12:06:38.324		19.4		2.34		TAS				m_e	
GRB2	151.74		PKPbc	12:06:38.657		19.4		2.34		TAS				m_e	
GRB2	151.74		PKPab	12:06:50.098						T__				m_e	
GRB3	151.64		PKPbc	12:06:38.408		19.4		2.34		TAS				m_e	
GRB3	151.64		PKPab	12:06:49.819						T__				m_e	
GRB5	151.89		PKPbc	12:06:38.949		19.4		2.34		TAS				m_e	
GRC1	152.03		PKPbc	12:06:39.073		19.4		2.34		TAS				m_e	
GRC1	152.03		PKPab	12:06:51.337						T__				m_e	
GRC2	152.19		PKPab	12:06:51.868						T__				m_e	
GRC3	152.12		PKPab	12:06:51.686						T__				m_e	
GRC4	151.95		PKPab	12:06:50.995						T__				m_e	
GTTG	149.96		PKPbc	12:06:34.746	-0.1	19.4		2.34		TAS				m_e	
KAST	150.56		PKPbc	12:06:35.843	0.2	19.4		2.34		TAS				m_e	
MANZ	150.97		PKPbc	12:06:36.993	-0.2	19.4		2.34		TAS				m_e	

MOX	150.47	PKPbc	12:06:35.635	-0.1	19.4	2.34	TAS	m_e
NEUB	149.92	PKPbc	12:06:34.663	0.2	19.4	2.34	TAS	m_e
NEUB	149.92	PKPab	12:06:42.335	-0.1			T__	m_e
NRDL	149.03	PKPbc	12:06:32.142	0.4	19.4	2.34	TAS	m_e
PLN	150.49	PKPbc	12:06:35.828	0.0	19.4	2.34	TAS	m_e
RETH	148.92	PKPbc	12:06:31.791	0.1	19.4	2.34	TAS	m_e
ROTZ	151.15	PKPbc	12:06:37.076	-0.3	19.4	2.34	TAS	m_e
ROTZ	151.15	PKPab	12:06:47.748				T__	m_e
TANN	150.49	PKPbc	12:06:35.911	0.0	19.4	2.34	TAS	m_e
TANN	150.49	PKPab	12:06:44.860				T__	m_e
TNS	151.50	PKPbc	12:06:38.283	-0.0	19.4	2.34	TAS	m_e
TNS	151.50	PKPab	12:06:48.817				T__	m_e
UBBA	150.65	PKPbc	12:06:35.884	-0.2	19.4	2.34	TAS	m_e
WET	151.55	PKPab	12:06:49.641				T__	m_e

Event 80120004 Northern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/20	13:50:47.60			43.7400	87.5700				10.0					50.58	50.58	m i ke	EMSC
OrigID 80120036																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	80120010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	50.58		P	13:59:47.505		65.7		6.48		TAS		17.3	0.90	m_e mb	5.0

Event 80121002 Northern Bolivia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/21	01:07:02.50			-13.5210	-65.1920				127.0	3.5		9		88.53	94.01	m i ke	BGR
OrigID 80121008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	80121008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	89.42		S	01:30:23.760		251.0		4.62		TAS				m_e	
AHRW	89.42		pS	01:31:03.690		251.0		4.62		TAS				m_e	
AHRW	89.42		P	01:19:56.935						T__				m_e	
ASSE	92.09		S	01:30:37.952		251.0		4.62		TAS				m_e	
ASSE	92.09		pS	01:31:29.382		251.0		4.62		TAS				m_e	
ASSE	92.09		P	01:20:09.541						T__		6.3	1.03	m_e mb	4.9

BFO	89.36	S	01:30:23.026	251.0	4.62	TAS			m_e	
BFO	89.36	pS	01:31:03.690	251.0	4.62	TAS			m_e	
BFO	89.36	P	01:19:56.657			T__	4.4	0.95	m_e mb	4.7
BFO	89.36	pP	01:20:29.451	1.0		T__			m_e	
BRG	93.64	S	01:30:44.559	251.0	4.62	TAS			m_e	
BRG	93.64	pS	01:31:40.393	251.0	4.62	TAS			m_e	
BRG	93.64	P	01:20:16.444			T__			m_e	
BSEG	92.49	S	01:30:40.644	251.0	4.62	TAS			m_e	
BSEG	92.49	pS	01:31:31.584	251.0	4.62	TAS			m_e	
BSEG	92.49	P	01:20:10.850	-0.7		T__	8.3	0.77	m_e mb	5.1
BUG	89.87	S	01:30:25.962	251.0	4.62	TAS			m_e	
BUG	89.87	pS	01:31:08.339	251.0	4.62	TAS			m_e	
BUG	89.87	P	01:19:59.217	-0.3		T__	10.8	0.86	m_e mb	5.1
CLL	93.21	S	01:30:42.846	251.0	4.62	TAS			m_e	
CLL	93.21	pS	01:31:42.106	251.0	4.62	TAS			m_e	
CLL	93.21	P	01:20:14.191			T__			m_e	
CLL	93.21	pP	01:20:46.923	1.0		T__			m_e	
CLZ	91.82	S	01:30:37.707	251.0	4.62	TAS			m_e	
CLZ	91.82	pS	01:31:26.691	251.0	4.62	TAS			m_e	
CLZ	91.82	P	01:20:08.108			T__	7.6	0.91	m_e mb	5.0
FLT1	92.49	S	01:30:40.644	251.0	4.62	TAS			m_e	
FLT1	92.49	pS	01:31:31.584	251.0	4.62	TAS			m_e	
FLT1	92.49	P	01:20:11.267			T__			m_e	
GEC2	92.90	S	01:30:41.133	251.0	4.62	TAS			m_e	
GEC2	92.90	pS	01:31:39.415	251.0	4.62	TAS			m_e	
GEC2	92.90	P	01:20:12.663			T__			m_e	
GEC2	92.90	pP	01:20:46.112	1.0		T__			m_e	
GRA1	91.62	S	01:30:36.484	251.0	4.62	TAS			m_e	
GRA1	91.62	pS	01:31:25.467	251.0	4.62	TAS			m_e	
GRA1	91.62	P	01:20:07.127			T__	10.6	0.89	m_e mb	5.2
IBBN	90.47	S	01:30:30.611	251.0	4.62	TAS			m_e	
IBBN	90.47	pS	01:31:15.924	251.0	4.62	TAS			m_e	
IBBN	90.47	P	01:20:01.487	1.0		T__			m_e	
KAST	90.45	S	01:30:29.143	251.0	4.62	TAS			m_e	
KAST	90.45	pS	01:31:14.701	251.0	4.62	TAS			m_e	
KAST	90.45	P	01:20:01.850			T__	8.9	1.02	m_e mb	4.9
MANZ	92.26	S	01:30:39.420	251.0	4.62	TAS			m_e	
MANZ	92.26	pS	01:31:31.829	251.0	4.62	TAS			m_e	
MANZ	92.26	P	01:20:10.638			T__	1.2	0.85	m_e mb	4.3
MANZ	92.26	pP	01:20:42.741	1.0		T__			m_e	
MOX	92.17	S	01:30:39.665	251.0	4.62	TAS			m_e	
MOX	92.17	pS	01:31:29.872	251.0	4.62	TAS			m_e	
MOX	92.17	P	01:20:09.960			T__	2.2	0.76	m_e mb	4.6
MOX	92.17	pP	01:20:42.153	1.0		T__			m_e	
NRDL	91.89	S	01:30:36.484	251.0	4.62	TAS			m_e	
NRDL	91.89	pS	01:31:25.712	251.0	4.62	TAS			m_e	
NRDL	91.89	P	01:20:07.970	1.0		T__			m_e	
RJOB	91.99	S	01:30:34.526	251.0	4.62	TAS			m_e	
RJOB	91.99	pS	01:31:27.669	251.0	4.62	TAS			m_e	

RJOB	91.99	P	01:20:09.389							T__						m_e	
ROTZ	92.25	S	01:30:38.441	251.0	4.62					TAS						m_e	
ROTZ	92.25	pS	01:31:32.319	251.0	4.62					TAS						m_e	
ROTZ	92.25	P	01:20:10.152							T__						m_e	
RUE	94.01	S	01:30:46.761	251.0	4.62					TAS						m_e	
RUE	94.01	pS	01:31:42.840	251.0	4.62					TAS						m_e	
RUE	94.01	P	01:20:17.713	1.0						T__	4.9	0.75	m_e mb			4.9	
TANN	92.61	S	01:30:42.112	251.0	4.62					TAS						m_e	
TANN	92.61	pS	01:31:35.255	251.0	4.62					TAS						m_e	
TANN	92.61	P	01:20:12.152							T__						m_e	
TNS	90.12	S	01:30:28.164	251.0	4.62					TAS						m_e	
TNS	90.12	pS	01:31:11.764	251.0	4.62					TAS						m_e	
TNS	90.12	P	01:20:00.390							T__	9.7	0.77	m_e mb			5.1	
TNS	90.12	pP	01:20:32.853	1.0						T__						m_e	
UBBA	91.26	S	01:30:35.016	251.0	4.62					TAS						m_e	
UBBA	91.26	pS	01:31:23.510	251.0	4.62					TAS						m_e	
UBBA	91.26	P	01:20:05.313							T__						m_e	
UBR	90.25	S	01:30:27.920	251.0	4.62					TAS						m_e	
UBR	90.25	pS	01:31:15.190	251.0	4.62					TAS						m_e	
UBR	90.25	P	01:20:01.131							T__	9.1	0.96	m_e mb			5.0	
WET	92.47	S	01:30:38.931	251.0	4.62					TAS						m_e	
WET	92.47	pS	01:31:32.808	251.0	4.62					TAS						m_e	
WET	92.47	P	01:20:10.718							T__	4.2	0.86	m_e mb			4.8	
WLF	88.53	S	01:30:17.398	251.0	4.62					TAS						m_e	
WLF	88.53	pS	01:30:59.040	251.0	4.62					TAS						m_e	
WLF	88.53	P	01:19:52.704							T__	35.9	1.14	m_e mb			5.5	

Event 80123001 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/23	09:31:42.00			56.0460	-149.0730				25.0			31		68.52	75.48	m i ke	usgs
	80123003																

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	80123007
MBB	7.7		BGR	80123007
Ms	7.5		BGR	80123007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	71.95		P	09:43:07.006	0.7	353.7		5.92		TAS		98.1	0.95	m_e	MBB 7.7
ASSE	70.90		P	09:42:58.847	0.3	353.7		5.92		TAS		124.5	0.88	m_e	MBB 7.7
BFO	74.29		P	09:43:20.187	0.1	353.7		5.92		TAS		92.4	0.86	m_e	MBB 7.6
BRG	72.52		P	09:43:07.817	0.4	353.7		5.92		TAS		172.3	0.86	m_e	MBB 7.8
BSEG	69.09		P	09:42:48.087	1.1	353.7		5.92		TAS		189.8	0.91	m_e	MBB 8.0
BUG	71.10		P	09:43:00.932	-1.9	353.7		5.92		TAS		240.4	0.81	m_e	MBB 7.6
CLL	71.99		P	09:43:04.330	-0.3	353.7		5.92		TAS		172.1	0.89	m_e	MBB 7.5

CLZ	71.14	P	09:43:00.256	-0.2	353.7	5.92	TAS	239.7	0.88	m_e	MBB	7.8
FLT1	70.77	P	09:42:57.155	-0.8	353.7	5.92	TAS	194.7	0.86	m_e	MBB	7.7
FUR	74.87	P	09:43:22.924	0.4	353.7	5.92	TAS	275.6	0.79	m_e	MBB	7.7
GEC2	74.49	P	09:43:19.282	-0.1	353.7	5.92	TAS	90.8	0.78	m_e	MBB	7.6
GRA1	73.36	S	09:52:39.001				T__				m_e	
GRA1	73.36	P	09:43:13.789	0.8	353.7	5.92	TAS	194.3	0.81	m_e	mb	6.3
GRA1	73.36	L	10:23:33.832				T__	220840.0	18.10	a_e	Ms	7.5
GTTG	71.38	P	09:43:01.627	-0.4	353.7	5.92	TAS	493.7	1.00	m_e	MBB	7.8
HLG	68.52	P	09:42:45.100	-0.3	353.7	5.92	TAS	350.2	0.86	m_e	MBB	8.0
IBBN	70.33	P	09:42:55.899	-0.5	353.7	5.92	TAS	133.6	0.78	m_e	MBB	7.8
KAST	71.50	P	09:43:02.902	-0.3	353.7	5.92	TAS	181.1	0.97	m_e	MBB	7.7
MANZ	73.18	P	09:43:12.408	0.3	353.7	5.92	TAS	34.4	1.10	m_e	MBB	7.1
MOX	72.47	S	09:52:29.197				T__				m_e	
MOX	72.47	P	09:43:07.457	-0.6	353.7	5.92	TAS	212.3	0.86	m_e	MBB	7.8
MOX	72.47	L	10:15:09.835				T__	245438.0	19.50	a_e	Ms	7.5
NEUB	71.95	P	09:43:05.141	0.3	353.7	5.92	TAS	284.6	0.86	m_e	MBB	7.8
NRDL	70.47	P	09:42:55.951	-0.5	353.7	5.92	TAS	318.3	0.97	m_e	MBB	7.8
RGN	68.83	P	09:42:45.330	2.8	353.7	5.92	TAS	429.5	0.99	m_e	MBB	8.1
RJOB	75.48	P	09:43:25.785	-0.2	353.7	5.92	TAS	155.6	0.80	m_e	MBB	7.6
ROTZ	73.41	P	09:43:13.050	-0.4	353.7	5.92	TAS	47.8	0.81	m_e	MBB	7.1
RUE	70.92	P	09:42:56.776	-2.8	353.7	5.92	TAS	425.5	0.88	m_e	MBB	7.9
STU	73.99	P	09:43:17.760	1.5	353.7	5.92	TAS	182.6	0.89	m_e	MBB	8.0
TANN	72.80	P	09:43:09.518	-0.2	353.7	5.92	TAS	121.3	0.94	m_e	MBB	7.8
TNS	72.46	P	09:43:09.588	0.6	353.7	5.92	TAS	101.8	0.94	m_e	MBB	7.8
UBBA	72.10	P	09:43:06.671	0.4	353.7	5.92	TAS	1324.3	1.75	m_e	MBB	7.7
UBR	75.18	P	09:43:24.947	-0.4	353.7	5.92	TAS	122.1	0.88	m_e	MBB	7.6
WET	74.10	P	09:43:17.345	0.0	353.7	5.92	TAS	107.1	0.87	m_e	MBB	7.6
WLF	72.66	P	09:43:11.037	0.2	353.7	5.92	TAS	108.0	0.96	m_e	MBB	7.7

Event 80123002 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/23	11:37:54.25			57.4670	-156.1280				27.8	3.9		14		68.41	74.76	m i ke	BGR
80123008																	

Magnitude Err Nsta Author
mb 4.8 BGR

OrigID
80123008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	70.23		P	11:49:02.184	-1.0	352.9		5.97		TAS		6.2	0.79	m_e	mb 4.8
BFO	73.79		P	11:49:23.515		352.9		5.97		TAS		3.2	0.80	m_e	mb 4.4
BFO	73.79		pP	11:49:30.330						T__					m_e
BRG	71.72		P	11:49:11.267	0.4	352.9		5.97		TAS		7.2	0.88	m_e	mb 4.8
BSEG	68.41		P	11:48:51.400	-0.4	352.9		5.97		TAS		6.8	0.82	m_e	mb 4.9
BUG	70.60		P	11:49:04.754	0.4	352.9		5.97		TAS					m_e
CLL	71.22		P	11:49:08.314	0.4	352.9		5.97		TAS		9.5	0.95	m_e	mb 4.9

CLZ	70.49	P	11:49:03.479	-0.4	352.9	5.97	TAS	8.7	0.79	m_e	mb	4.9
FLT1	70.08	P	11:49:01.315	-0.1	352.9	5.97	TAS	6.7	0.90	m_e	mb	4.8
FUR	74.22	P	11:49:25.733		352.9	5.97	TAS	19.5	0.82	m_e	mb	5.2
FUR	74.22	pP	11:49:33.891				T__			m_e		
GEC2	73.72	P	11:49:23.086		352.9	5.97	TAS	3.3	0.77	m_e	mb	4.4
GEC2	73.72	pP	11:49:31.491				T__			m_e		
GRA1	72.70	P	11:49:17.131		352.9	5.97	TAS	11.9	0.89	m_e	mb	5.0
GTTG	70.75	P	11:49:05.352	0.3	352.9	5.97	TAS	20.1	0.96	m_e	mb	5.2
IBBN	69.79	P	11:48:59.809	-0.4	352.9	5.97	TAS			m_e		
KAST	70.95	P	11:49:06.751	0.4	352.9	5.97	TAS	9.1	0.94	m_e	mb	4.9
MANZ	72.47	P	11:49:16.006		352.9	5.97	TAS	1.1	0.95	m_e	mb	3.9
MOX	71.78	P	11:49:11.837	-0.3	352.9	5.97	TAS	13.5	0.97	m_e	mb	5.0
NEUB	71.25	P	11:49:08.485	0.4	352.9	5.97	TAS			m_e		
NRDL	69.82	P	11:48:59.631	0.8	352.9	5.97	TAS	10.7	0.91	m_e	mb	5.0
RJOB	74.76	P	11:49:29.227		352.9	5.97	TAS	7.1	0.90	m_e	mb	4.7
RJOB	74.76	pP	11:49:37.234				T__			m_e		
ROTZ	72.70	P	11:49:16.891		352.9	5.97	TAS	2.7	0.88	m_e	mb	4.4
TANN	72.07	P	11:49:13.297	-0.7	352.9	5.97	TAS	5.9	0.92	m_e	mb	4.7
TNS	71.92	P	11:49:12.744		352.9	5.97	TAS			m_e		
UBR	74.60	P	11:49:27.967		352.9	5.97	TAS	6.4	0.84	m_e	mb	4.7
UBR	74.60	pP	11:49:35.842				T__			m_e		
WET	73.37	P	11:49:20.911		352.9	5.97	TAS	7.3	1.05	m_e	mb	4.7
WET	73.37	pP	11:49:29.117				T__			m_e		

Event 80123003 Ascension Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/23	23:09:04.21			-6.7170	-11.4480				10.0			28		57.41	63.15	m i ke	BGR
80123009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	80123009
Ms	5.1		BGR	80123009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	59.24		P	23:19:07.805	0.5	206.3		6.89		TAS		48.3	0.99	a_e	mb	5.5
BFO	57.51		P	23:18:55.377	-0.2	206.3		6.89		TAS		72.3	0.98	m_e	mb	5.7
BRG	61.40		P	23:19:22.405	0.6	206.3		6.89		TAS		42.2	1.11	a_e	mb	5.2
BSEG	63.15		P	23:19:33.755		206.3		6.89		TAS		46.6	0.87	a_e	mb	5.6
BUG	60.12		P	23:19:13.355	0.0	206.3		6.89		TAS		34.6	1.07	a_e	mb	5.3
CLL	61.50		P	23:19:22.905	-0.1	206.3		6.89		TAS		38.6	1.22	a_e	mb	5.5
CLZ	61.25		P	23:19:21.255	0.0	206.3		6.89		TAS		29.0	0.97	a_e	mb	5.1
FLT1	61.92		P	23:19:25.642		206.3		6.89		TAS				m_e		
FUR	58.19		P	23:19:00.355	0.0	206.3		6.89		TAS		140.3	0.94	a_e	mb	6.0
GEC2	59.56		P	23:19:10.205	0.6	206.3		6.89		TAS		77.4	0.93	a_e	mb	5.7
GRA1	59.55		P	23:19:09.455	-0.2	206.3		6.89		TAS		32.8	0.91	m_e	mb	5.4

GRA1	59.55	L	23:45:01.123							T__	850.7	18.00	a_e	Ms	5.1		
GTTG	60.88	P	23:19:19.205	-0.1	206.3		6.89			TAS	72.4	1.01	a_e	mb	5.5		
IBBN	61.04	P	23:19:19.805	0.4	206.3		6.89			TAS	39.0	1.05	a_e	mb	5.2		
KAST	60.17	P	23:19:13.855	0.0	206.3		6.89			TAS	17.5	0.89	a_e	mb	5.1		
MANZ	60.07	P	23:19:13.305	0.1	206.3		6.89			TAS	14.3	0.94	a_e	mb	5.0		
MOX	60.51	P	23:19:16.255	-0.1	206.3		6.89			TAS	49.5	0.90	a_e	mb	5.3		
MOX	60.51	L	23:45:28.615							T__	656.1	19.40	a_e	Ms	5.0		
NEUB	61.05	P	23:19:19.955	-0.1	206.3		6.89			TAS	65.4	0.87	a_e	mb	5.5		
NRDL	61.78	P	23:19:25.505	-0.5	206.3		6.89			TAS	47.2	1.04	a_e	mb	5.7		
RJOB	58.29	P	23:19:00.655	-0.2	206.3		6.89			TAS	38.7	0.79	a_e	mb	5.5		
ROTZ	59.90	P	23:19:12.105	0.0	206.3		6.89			TAS	14.5	1.05	a_e	mb	4.9		
RUE	62.76	P	23:19:31.655		206.3		6.89			TAS	79.4	0.96	a_e	mb	5.8		
STU	58.14	P	23:18:59.659	-0.3	206.3		6.89			TAS	74.8	0.83	m_e	mb	5.8		
TANN	60.55	P	23:19:16.655	0.2	206.3		6.89			TAS	75.0	0.97	a_e	mb	5.5		
TNS	59.28	P	23:19:07.505	-0.2	206.3		6.89			TAS	48.6	0.88	a_e	mb	5.5		
UBBA	60.23	P	23:19:14.405	0.1	206.3		6.89			TAS	28.9	0.94	a_e	mb	5.3		
UBR	57.41	P	23:18:54.655	-0.3	206.3		6.89			TAS	94.6	0.91	m_e	mb	5.8		
WET	59.56	P	23:19:09.955	0.3	206.3		6.89			TAS	89.6	1.05	a_e	mb	5.7		
WLF	58.21	P	23:19:00.055	-0.1	206.3		6.89			TAS	69.7	1.09	a_e	mb	5.6		

Event 80123004 Kodiak Island, Alaska, United States, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/23	23:21:37.84			57.6610	-154.9930				33.0					72.41	72.41	m i ke	BGR
80123010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	80123010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	72.41		P	23:32:59.016		349.4		5.51		TAS		4.8	0.69	m_e mb	4.7

Event 80124001 Gulf of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/24	00:04:51.36			55.9710	-148.8540				27.4	3.5		9		69.13	75.52	m i ke	BGR
80124007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	80124007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	70.95		P	00:16:04.015	-1.1	348.5		5.92		TAS		110.4	1.75	m_e mb	5.7

BFO	74.33	P	00:16:24.100		348.5	5.92	TAS								m_e
BFO	74.33	pP	00:16:31.723	0.3			T__								m_e
BRG	72.57	P	00:16:12.796	-0.1	348.5	5.92	TAS								m_e
BSEG	69.13	P	00:15:53.301	0.3	348.5	5.92	TAS	9.5	0.97	m_e	mb				5.0
BUG	71.14	P	00:16:04.955	-0.1	348.5	5.92	TAS	20.9	0.63	m_e	mb				5.4
BUG	71.14	pP	00:16:12.578	0.3			T__								m_e
CLL	72.04	P	00:16:09.871	-0.1	348.5	5.92	TAS	4.5	0.68	m_e	mb				4.7
CLL	72.04	pP	00:16:17.648	0.3			T__								m_e
CLZ	71.19	P	00:16:04.917	-0.1	348.5	5.92	TAS	8.6	0.73	m_e	mb				5.0
FLT1	70.82	P	00:16:02.942	-1.1	348.5	5.92	TAS								m_e
FLT1	70.82	pP	00:16:10.488	0.3			T__								m_e
FUR	74.91	P	00:16:27.304		348.5	5.92	TAS	15.3	0.76	m_e	mb				5.1
FUR	74.91	pP	00:16:35.004	0.3			T__								m_e
GEC2	74.54	P	00:16:25.399		348.5	5.92	TAS	4.4	0.66	m_e	mb				4.6
GEC2	74.54	pP	00:16:32.700	0.3			T__								m_e
GRA1	73.41	P	00:16:18.469		348.5	5.92	TAS	8.4	0.65	m_e	mb				5.0
GTTG	71.42	P	00:16:06.326	-0.1	348.5	5.92	TAS								m_e
KAST	71.54	P	00:16:07.245	-0.1	348.5	5.92	TAS								m_e
MANZ	73.23	P	00:16:17.204	-0.1	348.5	5.92	TAS	1.6	0.99	m_e	mb				4.1
MANZ	73.23	pP	00:16:25.135	0.3			T__								m_e
MOX	72.52	P	00:16:12.929	-0.1	348.5	5.92	TAS								m_e
NEUB	72.00	P	00:16:09.776	-0.1	348.5	5.92	TAS	11.1	0.65	m_e	mb				5.1
NRDL	70.51	P	00:16:01.565	0.3	348.5	5.92	TAS								m_e
NRDL	70.51	pP	00:16:09.111	0.3			T__								m_e
RJOB	75.52	P	00:16:30.866		348.5	5.92	TAS								m_e
RJOB	75.52	pP	00:16:38.989	0.3			T__								m_e
ROTZ	73.46	P	00:16:18.777		348.5	5.92	TAS								m_e
ROTZ	73.46	pP	00:16:26.716	0.3			T__								m_e
RUE	70.97	P	00:16:04.312	0.3	348.5	5.92	TAS								m_e
RUE	70.97	pP	00:16:11.935	0.3			T__								m_e
TANN	72.85	P	00:16:15.130	-0.1	348.5	5.92	TAS								m_e
TNS	72.50	P	00:16:13.388		348.5	5.92	TAS								m_e
TNS	72.50	pP	00:16:21.150	0.3			T__								m_e
UBBA	72.14	P	00:16:10.000		348.5	5.92	TAS	2.7	0.74	m_e	mb				4.5
UBBA	72.14	pP	00:16:18.799	0.3			T__								m_e
UBR	75.23	P	00:16:29.025		348.5	5.92	TAS								m_e
UBR	75.23	pP	00:16:36.956	0.3			T__								m_e
WET	74.15	P	00:16:22.927		348.5	5.92	TAS								m_e
WLF	72.69	P	00:16:14.832	-0.1	348.5	5.92	TAS								m_e

Event 80124002 Gulf of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/24	00:54:54.35			56.6100	-149.2910				33.0			16		68.56	74.95	m i ke	BGR
80124008																	

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 80124008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	73.78		P	01:06:23.501		348.9		5.96		TAS				m_e	
BRG	71.99		P	01:06:12.846	0.1	348.9		5.96		TAS		9.3	0.87	m_e mb	4.9
BSEG	68.56		P	01:05:52.174	-0.3	348.9		5.96		TAS		7.7	0.81	m_e mb	5.0
BUG	70.59		P	01:06:03.870	0.0	348.9		5.96		TAS		16.6	0.79	m_e mb	5.2
CLL	71.46		P	01:06:09.378	-0.1	348.9		5.96		TAS		7.9	0.78	m_e mb	4.9
CLZ	70.62		P	01:06:04.636	-0.6	348.9		5.96		TAS		14.2	0.91	m_e mb	5.1
FLT1	70.25		P	01:06:02.457	-0.6	348.9		5.96		TAS		10.9	0.93	m_e mb	5.0
GEC2	73.96		P	01:06:24.543		348.9		5.96		TAS		3.8	0.74	m_e mb	4.5
GRA1	72.84		P	01:06:18.083		348.9		5.96		TAS		8.3	0.82	m_e mb	4.9
GTTG	70.86		P	01:06:05.999	-0.3	348.9		5.96		TAS		16.4	0.83	m_e mb	5.2
KAST	70.99		P	01:06:07.026	-0.3	348.9		5.96		TAS		8.3	1.04	m_e mb	4.8
MANZ	72.66		P	01:06:16.519	-0.3	348.9		5.96		TAS		1.1	0.88	m_e mb	4.0
MOX	71.95		P	01:06:12.506	0.3	348.9		5.96		TAS		9.9	0.83	m_e mb	5.0
NEUB	71.43		P	01:06:09.488	-0.3	348.9		5.96		TAS		14.7	0.77	m_e mb	5.2
NRDL	69.95		P	01:06:00.302	0.3	348.9		5.96		TAS		12.5	0.88	m_e mb	5.1
RJOB	74.95		P	01:06:30.255		348.9		5.96		TAS		6.9	0.82	m_e mb	4.7
ROTZ	72.88		P	01:06:18.287	0.0	348.9		5.96		TAS		2.1	0.83	m_e mb	4.3
RUE	70.39		P	01:06:03.384	-0.6	348.9		5.96		TAS		14.4	0.74	m_e mb	5.2
TANN	72.28		P	01:06:14.624	-0.3	348.9		5.96		TAS		5.4	0.87	m_e mb	4.7
TNS	71.95		P	01:06:12.778	-0.1	348.9		5.96		TAS		10.9	1.09	m_e mb	4.9
UBR	74.67		P	01:06:28.581		348.9		5.96		TAS		5.7	0.84	m_e mb	4.6
WET	73.58		P	01:06:22.639		348.9		5.96		TAS		4.8	0.88	m_e mb	4.5

Event 80124003 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/24	03:15:01.44			29.9300	138.0300				500.0			24		85.05	90.02	m i ke	BGR

Magnitude Err Nsta Author OrigID
 mb 5.0 BGR 80124009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	90.02		P	03:27:06.994		45.0		4.80		TAS		8.2	0.82	m_e mb	5.0
BRG	85.65		P	03:26:46.749	-0.1	45.0		4.80		TAS		9.1	0.75	m_e mb	5.0
BSEG	85.05		P	03:26:43.803	-0.0	45.0		4.80		TAS		27.4	0.85	m_e mb	5.5
CLL	85.77		P	03:26:47.410	-0.1	45.0		4.80		TAS		12.4	0.78	m_e mb	5.1
CLZ	86.54		P	03:26:50.882	0.1	45.0		4.80		TAS				m_e	
FLT1	85.82		P	03:26:47.369	0.2	45.0		4.80		TAS		8.6	0.81	m_e mb	4.9
FUR	88.80		P	03:27:01.773		45.0		4.80		TAS		27.4	0.82	m_e mb	5.5
GEC2	87.18		P	03:26:53.779		45.0		4.80		TAS		12.8	0.84	m_e mb	5.1
GRA1	87.72		P	03:26:56.604		45.0		4.80		TAS		16.9	0.92	m_e mb	5.4

GTTG	86.93	P	03:26:52.757	0.1	45.0	4.80	TAS	7.5	0.66	m_e	mb	5.0
IBBN	87.29	P	03:26:54.229	0.1	45.0	4.80	TAS	26.8	0.77	m_e	mb	5.4
KAST	87.84	P	03:26:57.236	-0.1	45.0	4.80	TAS				m_e	
MANZ	87.11	P	03:26:53.533		45.0	4.80	TAS	1.5	0.86	m_e	mb	4.1
MOX	86.86	P	03:26:52.591	-0.1	45.0	4.80	TAS	8.1	0.90	m_e	mb	4.9
NEUB	86.40	P	03:26:50.266	-0.1	45.0	4.80	TAS	11.5	0.81	m_e	mb	5.0
NRDL	86.18	P	03:26:49.395	0.1	45.0	4.80	TAS	5.9	0.83	m_e	mb	4.8
RJOB	88.38	P	03:26:59.646		45.0	4.80	TAS	18.5	0.93	m_e	mb	5.4
ROTZ	87.22	P	03:26:53.845		45.0	4.80	TAS	2.5	0.86	m_e	mb	4.4
STU	89.31	P	03:27:03.579		45.0	4.80	TAS	30.6	0.95	m_e	mb	5.5
TANN	86.65	P	03:26:51.470		45.0	4.80	TAS	4.8	0.89	m_e	mb	4.6
TNS	88.56	P	03:27:00.552		45.0	4.80	TAS	7.3	0.72	m_e	mb	5.0
UBBA	87.45	P	03:26:54.846	-0.1	45.0	4.80	TAS				m_e	
WET	87.35	P	03:26:54.855		45.0	4.80	TAS	6.8	1.00	m_e	mb	4.7
WLF	89.95	P	03:27:07.213		45.0	4.80	TAS	9.4	0.83	m_e	mb	5.1

Event 80124004 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/24	10:51:23.43			41.5860	142.3540				61.1	4.7		28		76.29	81.69	m i ke	BGR
80124010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	80124010
MBB	6.6		BGR	80124010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	80.27		P	11:03:29.177	0.0	35.0		5.46		TAS					m_e
ASSE	77.70		P	11:03:14.934	-0.2	35.0		5.46		TAS					m_e
BFO	81.69		P	11:03:36.464	-0.5	35.0		5.46		TAS	131.0	1.23		m_e	MBB 6.7
BRG	77.51		P	11:03:13.881	-0.3	35.0		5.46		TAS					m_e
BRG	77.51		pP	11:03:30.421	0.1					T__					m_e
BSEG	76.34		P	11:03:07.540	0.1	35.0		5.46		TAS	84.2	0.97		m_e	MBB 6.8
BUG	79.44		P	11:03:24.317	-0.3	35.0		5.46		TAS	82.3	1.06		m_e	MBB 6.5
BUG	79.44		pP	11:03:40.970	0.1					T__					m_e
CLL	77.52		P	11:03:13.590	-0.6	35.0		5.46		TAS					m_e
CLZ	78.04		P	11:03:17.443	0.4	35.0		5.46		TAS					m_e
CLZ	78.04		pP	11:03:34.320	0.1					T__					m_e
FLT1	77.33		P	11:03:12.537	-0.6	35.0		5.46		TAS	80.7	0.93		m_e	MBB 6.7
GEC2	79.23		P	11:03:23.301	-0.2	35.0		5.46		TAS					m_e
GRA1	79.49		P	11:03:25.394	0.4	35.0		5.46		TAS	83.5	0.85		m_e	mb 5.8
GRA1	79.49		pP	11:03:42.346	0.1					T__					m_e
GTTG	78.42		P	11:03:19.231	0.1	35.0		5.46		TAS	54.6	0.92		m_e	MBB 6.7
IBBN	78.55		P	11:03:19.674	0.8	35.0		5.46		TAS	87.9	0.93		m_e	MBB 6.7
IBBN	78.55		pP	11:03:37.676	0.1					T__					m_e
KAST	79.25		P	11:03:23.555	-0.1	35.0		5.46		TAS	35.6	0.95		m_e	MBB 6.5

MANZ	78.92	P	11:03:21.790	-0.1	35.0	5.46	TAS	5.9	0.85	m_e	MBB	5.9
MANZ	78.92	pP	11:03:38.792	0.1			T__			m_e		
MOX	78.57	P	11:03:19.880	-0.1	35.0	5.46	TAS	33.6	1.00	m_e	MBB	6.5
MOX	78.57	pP	11:03:37.579	0.1			T__			m_e		
NEUB	78.06	P	11:03:17.512	0.3	35.0	5.46	TAS	73.9	0.90	m_e	MBB	6.7
NRDL	77.59	P	11:03:14.535	-0.0	35.0	5.46	TAS	39.2	1.02	m_e	MBB	6.6
NRDL	77.59	pP	11:03:31.453	0.1			T__			m_e		
RJOB	80.48	P	11:03:30.507	0.6	35.0	5.46	TAS	59.0	0.89	m_e	MBB	6.6
ROTZ	79.06	P	11:03:22.857	0.2	35.0	5.46	TAS	9.7	1.01	m_e	MBB	6.0
RUE	76.29	P	11:03:07.120	-0.4	35.0	5.46	TAS			m_e		
STU	81.01	P	11:03:33.275	0.1	35.0	5.46	TAS	145.8	0.86	m_e	MBB	6.9
STU	81.01	pP	11:03:49.455	0.1			T__			m_e		
TANN	78.44	P	11:03:19.309	0.1	35.0	5.46	TAS	508.3	2.02	m_e	MBB	6.6
TNS	80.06	P	11:03:27.694	-0.3	35.0	5.46	TAS	49.9	1.12	m_e	MBB	6.4
UBBA	79.01	P	11:03:23.151	0.8	35.0	5.46	TAS			m_e		
UBR	81.57	P	11:03:36.068	-0.2	35.0	5.46	TAS			m_e		
UBR	81.57	pP	11:03:52.551	0.1			T__			m_e		
WET	79.31	P	11:03:24.146	0.2	35.0	5.46	TAS	60.1	1.03	m_e	MBB	6.6
WLF	81.33	P	11:03:34.527	-0.4	35.0	5.46	TAS			m_e		

Event 80125001 Nicobar Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
OrigID																		
2018/01/25	01:16:00.77			8.1890	91.8560				33.0			29		76.07	81.04	m i ke	BGR	
80125007																		

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	80125007
Ms	5.3		BGR	80125007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	80.42	P		01:28:09.390	0.1	91.8		5.57		TAS		85.6	0.98	a_e	mb	5.6
ASSE	78.17	P		01:27:56.440	-0.3	91.8		5.57		TAS		46.9	1.04	a_e	mb	5.6
BFO	79.64	P		01:28:04.540	-0.4	91.8		5.57		TAS		71.5	1.00	a_e	mb	5.6
BRG	76.07	P		01:27:45.140	0.1	91.8		5.57		TAS		69.6	0.98	a_e	mb	5.8
BSEG	78.45	P		01:27:58.020	0.2	91.8		5.57		TAS		144.3	0.98	m_e	mb	6.1
BUG	80.28	P		01:28:08.290	-0.2	91.8		5.57		TAS		98.0	1.00	a_e	mb	5.7
CLL	76.69	P		01:27:48.140	-0.3	91.8		5.57		TAS		68.6	1.00	a_e	mb	5.7
CLZ	78.35	P		01:27:57.740	0.0	91.8		5.57		TAS		104.9	0.96	a_e	mb	5.9
FLT1	77.83	P		01:27:54.282	-0.9	91.8		5.57		TAS		38.5	0.96	m_e	mb	5.5
FUR	77.67	P		01:27:53.690	-0.2	91.8		5.57		TAS		132.1	1.19	a_e	mb	5.9
GEC2	76.09	P		01:27:45.240	0.1	91.8		5.57		TAS		81.8	0.95	a_e	mb	5.8
GRA1	77.75	P		01:27:54.688	0.6	91.8		5.57		TAS		135.6	1.01	m_e	mb	6.0
GRA1	77.75	L		02:09:13.936						T__		1578.8	19.50	a_e	Ms	5.3
GTTG	78.60	P		01:27:59.090	-0.0	91.8		5.57		TAS		111.1	0.98	a_e	mb	5.9
IBBN	79.97	P		01:28:06.690	-0.1	91.8		5.57		TAS		103.4	1.03	a_e	mb	5.7

KAST	79.56	P	01:28:04.440	-0.1	91.8	5.57	TAS	59.9	0.98	a_e	mb	5.5
MANZ	77.18	P	01:27:51.940	0.7	91.8	5.57	TAS	35.4	1.00	a_e	mb	5.4
MOX	77.53	P	01:27:53.340	0.1	91.8	5.57	TAS	129.5	1.22	a_e	mb	5.9
MOX	77.53	L	02:07:41.000				T__	1216.8	19.30	a_e	Ms	5.2
NEUB	77.45	P	01:27:52.540	-0.2	91.8	5.57	TAS	99.6	0.96	a_e	mb	5.9
NRDL	78.53	P	01:27:58.830	0.4	91.8	5.57	TAS	122.0	1.16	m_e	mb	5.8
RJOB	76.63	P	01:27:47.951	-0.6	91.8	5.57	TAS	48.6	0.97	m_e	mb	5.6
ROTZ	77.11	P	01:27:51.471	0.5	91.8	5.57	TAS	22.0	0.97	m_e	mb	5.3
RUE	76.29	P	01:27:46.040	-0.2	91.8	5.57	TAS	206.2	0.92	m_e	mb	6.3
STU	79.06	P	01:28:01.719	0.4	91.8	5.57	TAS	89.0	0.85	m_e	mb	5.8
TANN	76.98	P	01:27:50.240	0.1	91.8	5.57	TAS	58.0	1.06	a_e	mb	5.6
TNS	79.55	P	01:28:04.490	0.1	91.8	5.57	TAS	86.3	0.99	a_e	mb	5.6
UBBA	78.56	P	01:27:59.137	0.2	91.8	5.57	TAS	7.0	0.78	m_e	mb	4.8
UBR	78.45	P	01:27:57.940	-0.3	91.8	5.57	TAS	90.3	0.95	a_e	mb	5.9
WET	76.64	P	01:27:48.390	0.1	91.8	5.57	TAS	58.3	0.97	a_e	mb	5.7
WLF	81.04	P	01:28:12.890	0.1	91.8	5.57	TAS	91.5	0.98	a_e	mb	5.8

Event 80125002 Komandorsky Islands, Russia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/25	02:10:57.19			56.5740	165.4860				33.0			31		66.93	74.10	m i ke	BGR
80125008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	80125008
Ms	6.2		BGR	80125008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	71.76		P	02:22:03.875	0.2					T__						
ASSE	69.69		S	02:31:07.022	-0.3	14.6		11.52		TAS						
ASSE	69.69		P	02:21:52.366	-0.8					T__		45.3	1.22	m_e	mb	5.5
BFO	73.74		S	02:31:53.452	0.2	14.6		11.52		TAS						
BFO	73.74		P	02:22:15.931						T__						
BRG	70.36		S	02:31:14.963	0.3	14.6		11.52		TAS						
BRG	70.36		P	02:21:57.033	0.0					T__		92.3	1.46	m_e	mb	5.7
BSEG	67.99		S	02:30:47.713	-0.2	14.6		11.52		TAS						
BSEG	67.99		P	02:21:42.370	-0.7					T__		49.9	1.11	m_e	mb	5.6
BUG	70.86		S	02:31:20.078	-0.8	14.6		11.52		TAS						
BUG	70.86		P	02:21:58.682	-0.8					T__						
CLL	70.11		S	02:31:11.062	0.5	14.6		11.52		TAS						
CLL	70.11		P	02:21:54.624	0.7					T__		108.4	1.38	m_e	mb	5.8
CLZ	70.02		S	02:31:11.355	3.6	14.6		11.52		TAS						
CLZ	70.02		P	02:21:54.203	-0.8					T__						
FLT1	69.41		S	02:31:01.619	0.0	14.6		11.52		TAS						
FLT1	69.41		P	02:21:51.001	0.4					T__						
FUR	73.44		S	02:31:53.845	-2.2	14.6		11.52		TAS						

FUR	73.44	P	02:22:14.730					T__	74.9	1.18	m_e	mb	5.7	
GEC2	72.36	S	02:31:37.734	0.3	14.6	11.52		TAS			m_e			
GEC2	72.36	P	02:22:09.024					T__	197.5	1.59	m_e	mb	5.9	
GRA1	71.97	S	02:31:33.628	-0.7	14.6	11.52		TAS			m_e			
GRA1	71.97	P	02:22:06.126					T__			m_e			
GRA1	71.97	L	02:54:54.146					T__	14841.1	21.70	a_e	Ms	6.2	
GTTG	70.37	S	02:31:14.139	0.8	14.6	11.52		TAS			m_e			
GTTG	70.37	P	02:21:55.894	-0.8				T__			m_e			
HLG	68.10	S	02:30:49.189	0.1	14.6	11.52		TAS			m_e			
IBBN	69.95	S	02:31:09.846	-0.2	14.6	11.52		TAS			m_e			
IBBN	69.95	P	02:21:53.478	-0.7				T__			m_e			
KAST	70.93	S	02:31:20.971	-0.1	14.6	11.52		TAS			m_e			
KAST	70.93	P	02:21:58.589	-0.8				T__			m_e			
MANZ	71.53	S	02:31:28.178	-0.2	14.6	11.52		TAS			m_e			
MANZ	71.53	P	02:22:03.720					T__	9.7	1.25	m_e	mb	4.7	
MOX	70.98	S	02:31:21.782	-1.9	14.6	11.52		TAS			m_e			
MOX	70.98	P	02:22:00.361	0.2				T__	57.4	1.25	m_e	mb	5.6	
MOX	70.98	L	02:54:24.956					T__	15701.4	22.00	a_e	Ms	6.2	
NEUB	70.42	S	02:31:13.639	0.6	14.6	11.52		TAS			m_e			
NEUB	70.42	P	02:21:56.058	-0.8				T__			m_e			
NRDL	69.42	S	02:31:04.567	0.7	14.6	11.52		TAS			m_e			
NRDL	69.42	P	02:21:50.596	0.4				T__			m_e			
PLN	71.04	S	02:31:23.349	1.5	14.6	11.52		TAS			m_e			
RGN	66.93	S	02:30:36.790	-2.4	14.6	11.52		TAS			m_e			
RJOB	73.59	S	02:31:49.537	-0.6	14.6	11.52		TAS			m_e			
RJOB	73.59	P	02:22:15.612					T__			m_e			
ROTZ	71.73	S	02:31:30.025	-0.1	14.6	11.52		TAS			m_e			
ROTZ	71.73	P	02:22:05.039					T__	11.4	1.13	m_e	mb	4.8	
RUE	68.85	S	02:30:57.273	-0.0	14.6	11.52		TAS			m_e			
STU	73.18	S	02:31:47.289	0.9	14.6	11.52		TAS			m_e			
TANN	71.06	S	02:31:23.737	0.1	14.6	11.52		TAS			m_e			
TANN	71.06	P	02:22:01.145	-1.1				T__	109.7	1.50	m_e	mb	5.8	
TNS	71.88	S	02:31:32.283	-1.8	14.6	11.52		TAS			m_e			
TNS	71.88	P	02:22:04.877	0.2				T__			m_e			
UBBA	71.07	S	02:31:21.098	0.3	14.6	11.52		TAS			m_e			
UBBA	71.07	P	02:21:59.635	-0.8				T__			m_e			
UBR	74.10	S	02:31:58.165	1.5	14.6	11.52		TAS			m_e			
UBR	74.10	P	02:22:18.000					T__	40.3	1.09	m_e	mb	5.5	
WET	72.22	S	02:31:37.660	0.2	14.6	11.52		TAS			m_e			
WET	72.22	P	02:22:07.756					T__	256.3	1.62	m_e	mb	6.0	
WLF	72.75	S	02:31:42.140		14.6	11.52		TAS			m_e			
WLF	72.75	P	02:22:10.203					T__	39.5	1.13	m_e	mb	5.3	

Event 80125003 Nicobar Islands, India, region

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

2018/01/25 03:48:34.73 8.5380 91.0300 33.0 15 75.28 79.50 m i ke BGR 80125009

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 80125009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	77.39		P	04:00:26.027		92.2		5.63		TAS		6.4	0.85	m_e	mb 4.8
BFO	78.83		P	04:00:34.216		92.2		5.63		TAS		7.5	0.82	m_e	mb 4.8
BRG	75.28		P	04:00:14.427	0.1	92.2		5.63		TAS		9.1	0.82	m_e	mb 4.8
BSEG	77.68		P	04:00:27.565	-0.0	92.2		5.63		TAS		16.8	0.87	m_e	mb 5.2
BUG	79.50		P	04:00:37.889	-0.0	92.2		5.63		TAS		8.2	0.82	m_e	mb 4.8
CLL	75.90		P	04:00:17.683	0.8	92.2		5.63		TAS		6.9	0.85	m_e	mb 4.8
CLZ	77.57		P	04:00:26.684	0.1	92.2		5.63		TAS		13.2	0.78	m_e	mb 5.1
FLT1	77.06		P	04:00:24.168		92.2		5.63		TAS				m_e	
GEC2	75.28		P	04:00:14.427		92.2		5.63		TAS		10.7	0.83	m_e	mb 4.9
GRA1	76.95		P	04:00:24.194		92.2		5.63		TAS		24.1	0.91	m_e	mb 5.3
GTTG	77.81		P	04:00:28.599	0.1	92.2		5.63		TAS		14.2	0.86	m_e	mb 5.1
IBBN	79.19		P	04:00:36.008		92.2		5.63		TAS		11.6	0.81	m_e	mb 5.0
KAST	78.78		P	04:00:33.782		92.2		5.63		TAS		5.8	0.80	m_e	mb 4.7
MANZ	76.39		P	04:00:21.059		92.2		5.63		TAS		4.1	0.87	m_e	mb 4.6
MOX	76.74		P	04:00:22.664		92.2		5.63		TAS		6.0	0.76	m_e	mb 4.8
NEUB	76.67		P	04:00:22.163		92.2		5.63		TAS		14.7	0.79	m_e	mb 5.2
RJOB	75.82		P	04:00:16.917		92.2		5.63		TAS		12.8	0.83	m_e	mb 5.1
ROTZ	76.31		P	04:00:20.460		92.2		5.63		TAS		3.1	0.85	m_e	mb 4.5
RUE	75.51		P	04:00:15.385	-0.2	92.2		5.63		TAS		34.2	0.78	m_e	mb 5.5
TANN	76.19		P	04:00:19.598	-0.5	92.2		5.63		TAS		5.6	0.93	m_e	mb 4.7
TNS	78.75		P	04:00:34.248	-0.5	92.2		5.63		TAS		11.3	0.92	m_e	mb 4.9
UBR	77.63		P	04:00:27.162		92.2		5.63		TAS		15.6	0.83	m_e	mb 5.2
WET	75.84		P	04:00:17.683		92.2		5.63		TAS		7.1	0.89	m_e	mb 4.8

Event 80125004 Fiji Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2018/01/25 10:41:10.18 -17.6150 -176.5450 624.1 11.1 25 143.36 149.52 m i ke BGR 80125010

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	149.11		PKPbc	10:59:51.299	-0.3	15.0		2.73		TAS				m_e	
BRG	145.78		PKPbc	10:59:42.725	0.4	15.0		2.73		TAS				m_e	
BRG	145.78		pPKPbc	11:02:01.338	-0.5					T__				m_e	
BSEG	143.36		PKPbc	10:59:35.591	-0.3	15.0		2.73		TAS				m_e	
CLL	145.54		PKPbc	10:59:41.642	0.0	15.0		2.73		TAS				m_e	
CLZ	145.41		PKPbc	10:59:41.517	0.1	15.0		2.73		TAS				m_e	

FLT1	144.82	PKPbc	10:59:39.598	-0.2	15.0	2.73	TAS	m_e
FUR	148.87	PKPbc	10:59:50.304	-0.4	15.0	2.73	TAS	m_e
GEC2	147.75	PKPbc	10:59:47.833	0.1	15.0	2.73	TAS	m_e
GEC2	147.75	pPKPbc	11:02:09.425	-0.5			T__	m_e
GRA1	147.39	PKPbc	10:59:46.655	-0.1	15.0	2.73	TAS	m_e
GRA1	147.39	pPKPbc	11:02:08.621	-0.5			T__	m_e
GTTG	145.75	PKPbc	10:59:42.264	-0.1	15.0	2.73	TAS	m_e
IBBN	145.22	PKPbc	10:59:41.201	0.0	15.0	2.73	TAS	m_e
KAST	146.26	PKPbc	10:59:44.005	0.1	15.0	2.73	TAS	m_e
MANZ	146.96	PKPbc	10:59:45.668	0.1	15.0	2.73	TAS	m_e
MOX	146.41	PKPbc	10:59:44.217	0.2	15.0	2.73	TAS	m_e
NEUB	145.85	PKPbc	10:59:42.583	0.1	15.0	2.73	TAS	m_e
NRDL	144.80	PKPbc	10:59:39.412	-0.4	15.0	2.73	TAS	m_e
RJOB	149.00	PKPbc	10:59:50.851	-0.2	15.0	2.73	TAS	m_e
ROTZ	147.16	PKPbc	10:59:46.284	0.2	15.0	2.73	TAS	m_e
RUE	144.28	PKPbc	10:59:37.993	-0.2	15.0	2.73	TAS	m_e
TANN	146.49	PKPbc	10:59:44.513	0.3	15.0	2.73	TAS	m_e
TNS	147.22	PKPbc	10:59:46.766	0.3	15.0	2.73	TAS	m_e
UBBA	146.46	PKPbc	10:59:44.339	0.1	15.0	2.73	TAS	m_e
UBR	149.52	PKPbc	10:59:52.296	-0.2	15.0	2.73	TAS	m_e
WET	147.63	PKPbc	10:59:47.399	0.0	15.0	2.73	TAS	m_e
WLF	147.96	PKPbc	10:59:49.217	0.4	15.0	2.73	TAS	m_e

Event 80125005 Northern California, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/25	16:39:54.53			40.7780	-122.7470				10.0					81.24	81.24	m i ke	BGR
80125011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	80125011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.24		P	16:52:09.215		332.2		4.73		TAS		8.5	0.91	m_e mb	4.8

Event 80125006 Off coast of northern California, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/25	17:24:43.92			40.1590	-125.5100				10.0					82.76	82.76	m i ke	BGR
80125012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	80125012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.76		P	17:37:03.250		333.8		4.61		TAS		7.3	0.87	m_e mb	4.9

Event 80126002 Gulf of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/25	23:55:22.63			56.0790	-149.6880				33.0			21		69.13	75.52	m i ke	BGR
OrigID 80126008																	

Magnitude	Err	Nsta	Author	OrigID
mb 5.0			BGR	80126008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	70.95		P	00:06:35.094	-0.2	349.0		5.92		TAS		15.2	1.32	m_e mb	5.0
BRG	72.55		P	00:06:44.796	0.1	349.0		5.92		TAS		410.6	3.84	m_e mb	5.9
BSEG	69.13		P	00:06:24.418	-0.1	349.0		5.92		TAS		26.5	1.27	m_e mb	5.3
BUG	71.16		P	00:06:36.496	0.0	349.0		5.92		TAS		11.3	0.96	m_e mb	5.0
CLL	72.02		P	00:06:41.332	-0.3	349.0		5.92		TAS		6.3	0.89	m_e mb	4.7
CLZ	71.19		P	00:06:36.951	0.2	349.0		5.92		TAS		27.0	1.34	m_e mb	5.2
FLT1	70.81		P	00:06:33.992	-0.5	349.0		5.92		TAS		14.7	1.16	m_e mb	5.0
FUR	74.91		P	00:06:58.703	-0.1	349.0		5.92		TAS		18.3	1.15	m_e mb	5.0
GEC2	74.53		P	00:06:56.542	0.1	349.0		5.92		TAS		8.9	1.42	m_e mb	4.6
GTTG	71.43		P	00:06:38.452	0.3	349.0		5.92		TAS		20.1	0.97	m_e mb	5.2
IBBN	70.39		P	00:06:31.816	-0.1	349.0		5.92		TAS		12.8	1.09	m_e mb	5.0
KAST	71.56		P	00:06:38.791	-0.1	349.0		5.92		TAS		10.9	1.05	m_e mb	4.9
MANZ	73.22		P	00:06:48.583	-0.2	349.0		5.92		TAS		2.2	1.24	m_e mb	4.1
MOX	72.52		P	00:06:44.583	0.0	349.0		5.92		TAS		19.2	1.24	m_e mb	5.1
NRDL	70.52		P	00:06:32.780	0.1	349.0		5.92		TAS		100.5	2.24	m_e mb	5.6
RJOB	75.52		P	00:07:02.039	-0.3	349.0		5.92		TAS		14.1	1.47	m_e mb	4.9
ROTZ	73.45		P	00:06:50.274	0.2	349.0		5.92		TAS		3.2	1.09	m_e mb	4.4
RUE	70.95		P	00:06:35.521	0.3	349.0		5.92		TAS		20.5	0.91	m_e mb	5.3
STU	74.04		P	00:06:52.759		349.0		5.92		TAS				m_e	
TANN	72.84		P	00:06:46.505	0.0	349.0		5.92		TAS		12.0	1.39	m_e mb	4.8
TNS	72.52		P	00:06:44.687	0.1	349.0		5.92		TAS		16.7	1.37	m_e mb	5.0
WET	74.14		P	00:06:54.426	0.2	349.0		5.92		TAS		7.0	1.12	m_e mb	4.6

Event 80126003 Gulf of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/26	01:09:28.33			56.0800	-149.7700				33.6			29		70.19	75.53	m i ke	BGR
OrigID 80126009																	

Magnitude Err Nsta Author
mb 5.3 BGR

OrigID
80126009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	72.02		P	01:20:49.478	0.0	349.0		5.94		TAS		33.4	1.17	m_e	mb 5.4
AHRW	72.02		pP	01:20:59.835						T__				m_e	
AHRW	72.02		sP	01:21:03.725		350.0		6.03		TAS				m_e	
ASSE	70.95		P	01:20:42.847	0.4	349.0		5.94		TAS		19.5	1.03	m_e	mb 5.2
ASSE	70.95		sP	01:20:56.154	0.2	350.0		6.03		TAS				m_e	
BFO	74.36		P	01:21:03.239		349.0		5.94		TAS		56.5	1.49	m_e	mb 5.4
BRG	72.56		P	01:20:52.553	0.3	349.0		5.94		TAS		32.6	1.05	m_e	mb 5.4
BUG	71.17		P	01:20:43.961	-0.1	349.0		5.94		TAS		32.3	0.79	m_e	mb 5.5
BUG	71.17		pP	01:20:53.383						T__				m_e	
BUG	71.17		sP	01:20:57.212	-0.5	350.0		6.03		TAS				m_e	
CLL	72.03		P	01:20:49.160	0.3	349.0		5.94		TAS		26.3	0.99	m_e	mb 5.3
CLL	72.03		pP	01:20:59.744						T__				m_e	
CLL	72.03		sP	01:21:02.518		350.0		6.03		TAS				m_e	
CLZ	71.20		P	01:20:45.000	0.2	349.0		5.94		TAS		45.0	1.05	m_e	mb 5.5
FLT1	70.82		P	01:20:41.719	0.5	349.0		5.94		TAS		26.3	0.96	m_e	mb 5.3
FUR	74.92		P	01:21:06.671		349.0		5.94		TAS		46.1	0.94	m_e	mb 5.5
FUR	74.92		sP	01:21:19.883		350.0		6.03		TAS				m_e	
GEC2	74.54		P	01:21:04.226		349.0		5.94		TAS		14.3	0.89	m_e	mb 5.0
GEC2	74.54		sP	01:21:17.544		350.0		6.03		TAS				m_e	
GRA1	73.41		P	01:20:57.972	0.0	349.0		5.94		TAS		27.5	0.92	m_e	mb 5.4
GRA1	73.41		sP	01:21:11.034		350.0		6.03		TAS				m_e	
GTTG	71.44		P	01:20:46.287	-0.3	349.0		5.94		TAS		58.1	1.00	m_e	mb 5.7
GTTG	71.44		pP	01:20:55.949						T__				m_e	
IBBN	70.40		P	01:20:39.822	0.1	349.0		5.94		TAS		63.7	1.41	m_e	mb 5.6
IBBN	70.40		sP	01:20:52.770	-0.4	350.0		6.03		TAS				m_e	
KAST	71.57		P	01:20:46.538	0.6	349.0		5.94		TAS		29.1	1.09	m_e	mb 5.3
KAST	71.57		pP	01:20:56.294						T__				m_e	
MANZ	73.23		P	01:20:56.627	-0.1	349.0		5.94		TAS		4.6	1.09	m_e	mb 4.5
MOX	72.53		P	01:20:52.351	0.1	349.0		5.94		TAS		38.0	1.02	m_e	mb 5.5
MOX	72.53		sP	01:21:05.719		350.0		6.03		TAS				m_e	
NEUB	72.00		P	01:20:49.195	-0.1	349.0		5.94		TAS		64.5	1.14	m_e	mb 5.7
NRDL	70.52		P	01:20:40.113	-0.3	349.0		5.94		TAS		47.2	1.10	m_e	mb 5.5
NRDL	70.52		pP	01:20:49.876						T__				m_e	
NRDL	70.52		sP	01:20:52.728	1.0	350.0		6.03		TAS				m_e	
PLN	72.75		P	01:20:53.802	0.3	349.0		5.94		TAS		31.9	1.06	m_e	mb 5.4
RETH	70.19		P	01:20:38.336	-0.2	349.0		5.94		TAS		28.1	1.25	m_e	mb 5.3
RETH	70.19		pP	01:20:48.189						T__				m_e	
RETH	70.19		sP	01:20:51.569	0.6	350.0		6.03		TAS				m_e	
RJOB	75.53		P	01:21:10.149		349.0		5.94		TAS		22.7	0.90	m_e	mb 5.3
RJOB	75.53		sP	01:21:23.311		350.0		6.03		TAS				m_e	
ROTZ	73.46		P	01:20:58.279	-0.8	349.0		5.94		TAS		7.4	0.94	m_e	mb 4.8
ROTZ	73.46		sP	01:21:10.687		350.0		6.03		TAS				m_e	
RUE	70.96		P	01:20:43.174	-0.1	349.0		5.94		TAS		58.0	0.98	m_e	mb 5.7
RUE	70.96		sP	01:20:56.460	0.1	350.0		6.03		TAS				m_e	
TANN	72.85		P	01:20:54.452	-0.0	349.0		5.94		TAS		23.5	1.10	m_e	mb 5.2

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	118.62		L	00:00:45.271						T__		8337.9	20.90	a_e Ms	6.3
GRA1	118.62		PKPdf	23:06:54.542		53.1		6.42		TAS				m_e	
GRA1	118.62		PP	23:08:12.112	0.1					T__				m_e	
GRB1	118.56		PP	23:08:12.235	-0.0					T__				m_e	
GRB2	118.62		PP	23:08:12.282	-0.2					T__				m_e	
GRB3	118.51		PP	23:08:11.688	0.1					T__				m_e	
GRB5	118.71		PP	23:08:12.427	0.2					T__				m_e	
GRC1	118.86		PP	23:08:13.664						T__				m_e	
GRC2	119.01		PP	23:08:15.071						T__				m_e	
GRC3	118.88		PP	23:08:14.198						T__				m_e	
MOX	117.87		L	23:55:56.865						T__		9360.4	21.70	a_e Ms	6.4

Event 80127002 Gulf of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/27	03:53:15.31		57.7910	-150.7820					33.0			15		67.58	73.71	m i ke	BGR
OrigID 80127008																	

Magnitude Err Nsta Author OrigID
mb 4.5 BGR 80127008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	69.40		P	04:04:18.102	0.0	350.0		6.03		TAS		3.3	0.86	m_e mb	4.6
BRG	70.97		P	04:04:27.696		350.0		6.03		TAS		5.0	0.83	m_e mb	4.7
BSEG	67.58		P	04:04:07.378	0.5	350.0		6.03		TAS		5.4	0.95	m_e mb	4.8
CLL	70.45		P	04:04:23.875	-0.3	350.0		6.03		TAS		5.6	0.94	m_e mb	4.7
CLZ	69.64		P	04:04:19.949	-0.5	350.0		6.03		TAS		4.7	0.85	m_e mb	4.6
GEC2	72.96		P	04:04:39.283		350.0		6.03		TAS		2.1	0.82	m_e mb	4.3
IBBN	68.87		P	04:04:14.415	0.1	350.0		6.03		TAS		5.9	0.63	m_e mb	5.0
MANZ	71.67		P	04:04:31.283		350.0		6.03		TAS		0.5	0.94	m_e mb	3.6
MOX	70.96		P	04:04:27.567		350.0		6.03		TAS		4.5	0.77	m_e mb	4.7
NRDL	68.97		P	04:04:15.591	0.3	350.0		6.03		TAS		6.9	0.94	m_e mb	4.9
ROTZ	71.89		P	04:04:33.038		350.0		6.03		TAS		1.1	0.84	m_e mb	4.0
RUE	69.37		P	04:04:18.380	-0.6	350.0		6.03		TAS		9.8	0.76	m_e mb	5.1
TANN	71.28		P	04:04:29.473		350.0		6.03		TAS		2.7	0.86	m_e mb	4.4
UBR	73.71		P	04:04:44.672		350.0		6.03		TAS		2.8	0.86	m_e mb	4.3
WET	72.58		P	04:04:37.480		350.0		6.03		TAS		3.0	0.97	m_e mb	4.4

Event 80127003 Fiji Islands region

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

2018/01/27 05:38:14.29
80127009

-17.4130 -178.0300

600.0

15

142.98 148.48 m i ke BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	142.98		PKPbc	05:56:38.661	-0.2	16.3		2.77		TAS				m_e	
CLL	145.06		PKPbc	05:56:45.138	-0.5	16.3		2.77		TAS				m_e	
FLT1	144.40		PKPbc	05:56:42.943	-0.1	16.3		2.77		TAS				m_e	
FUR	148.40		PKPbc	05:56:54.081		16.3		2.77		TAS				m_e	
GEC2	147.23		PKPbc	05:56:51.203		16.3		2.77		TAS				m_e	
GOR1	143.75		PKPbc	05:56:43.880	-0.6	16.3		2.77		TAS				m_e	
MANZ	146.50		PKPbc	05:56:49.305		16.3		2.77		TAS				m_e	
NEUB	145.40		PKPbc	05:56:46.385		16.3		2.77		TAS				m_e	
NRDL	144.41		PKPbc	05:56:43.169	-0.2	16.3		2.77		TAS				m_e	
RJOB	148.48		PKPbc	05:56:55.682		16.3		2.77		TAS				m_e	
ROTZ	146.68		PKPbc	05:56:49.601		16.3		2.77		TAS				m_e	
RUE	143.80		PKPbc	05:56:41.222	0.2	16.3		2.77		TAS				m_e	
TANN	146.02		PKPbc	05:56:47.873		16.3		2.77		TAS				m_e	
TNS	146.86		PKPbc	05:56:50.135		16.3		2.77		TAS				m_e	
WLF	147.65		PKPbc	05:56:52.567		16.3		2.77		TAS				m_e	

Event 80127004 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
2018/01/27	19:43:29.70		40.1200	142.3900					33.0			16		77.66	82.98	m i ke	EMSC

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 80127010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	82.98		P	19:55:50.066		35.2		5.52		TAS		6.5	0.72	m_e mb	5.0
BRG	78.79		P	19:55:27.459		35.2		5.52		TAS		4.3	0.79	m_e mb	4.5
BSEG	77.66		P	19:55:21.904	0.1	35.2		5.52		TAS		8.7	0.79	m_e mb	4.9
BUG	80.76		P	19:55:38.412	-0.7	35.2		5.52		TAS		7.1	0.83	m_e mb	4.7
CLL	78.80		P	19:55:27.459	-0.1	35.2		5.52		TAS				m_e	
FLT1	78.63		P	19:55:26.118	0.3	35.2		5.52		TAS		9.7	0.75	m_e mb	4.9
FUR	82.00		P	19:55:45.404		35.2		5.52		TAS		21.4	0.90	m_e mb	5.3
GEC2	80.49		P	19:55:36.847		35.2		5.52		TAS		4.0	0.73	m_e mb	4.4
GRA1	80.78		P	19:55:38.954		35.2		5.52		TAS		15.8	0.76	m_e mb	5.1
MANZ	80.20		P	19:55:35.460		35.2		5.52		TAS		1.0	0.77	m_e mb	3.8
MOX	79.86		P	19:55:33.334		35.2		5.52		TAS		4.1	0.83	m_e mb	4.4
RJOB	81.74		P	19:55:44.191		35.2		5.52		TAS		10.6	0.79	m_e mb	5.0
ROTZ	80.34		P	19:55:36.527		35.2		5.52		TAS				m_e	
STU	82.30		P	19:55:46.617		35.2		5.52		TAS		32.3	0.76	m_e mb	5.5

UBR	82.85	P	19:55:51.130	35.2	5.52	TAS	2.8	0.70	m_e	mb	4.6
WET	80.58	P	19:55:37.996	35.2	5.52	TAS	7.8	0.90	m_e	mb	4.7

Event 80127005 South of Panama

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/27	21:45:11.90			7.2800	-79.6400				10.0					85.06	85.23	m i ke	EMSC
OrigID 80127037																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	80127011
Ms	5.4		BGR	80127011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	85.06		L	22:31:29.403						T__		2735.2	20.30	a_e	Ms 5.6
GRA1	85.06		P	21:57:50.421		275.4		5.91		TAS		194.9	3.05	m_e	mb 5.8
MOX	85.23		L	22:31:25.421						T__		952.5	21.80	a_e	Ms 5.1

Event 80128001 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2018/01/28	00:11:41.77			53.6450	-168.6150				30.0					17	73.97	79.05	m i ke	BGR
OrigID 80128007																		

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	80128007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	78.37		P	00:23:36.905		359.9		5.65		TAS		14.8	1.02	m_e	mb 5.1
BRG	75.83		P	00:23:22.679	-0.3	359.9		5.65		TAS		13.5	1.04	m_e	mb 5.0
CLL	75.41		P	00:23:20.354	-0.5	359.9		5.65		TAS		8.3	0.81	m_e	mb 4.8
CLZ	74.88		P	00:23:17.722	0.7	359.9		5.65		TAS		20.8	0.90	m_e	mb 5.2
FLT1	74.40		P	00:23:14.073	-0.1	359.9		5.65		TAS		10.7	1.01	m_e	mb 4.8
FUR	78.57		P	00:23:38.219		359.9		5.65		TAS		42.2	1.20	m_e	mb 5.3
GEC2	77.87		P	00:23:34.179		359.9		5.65		TAS		18.1	1.11	m_e	mb 5.1
GTTG	75.17		P	00:23:18.716	0.3	359.9		5.65		TAS		26.5	1.00	m_e	mb 5.2
MOX	76.08		P	00:23:24.298		359.9		5.65		TAS		18.8	1.02	m_e	mb 5.2
PLN	76.24		P	00:23:25.091		359.9		5.65		TAS		8.3	0.99	m_e	mb 4.8
RETH	73.97		P	00:23:12.908	0.1	359.9		5.65		TAS		26.6	1.34	m_e	mb 5.1
RJOB	78.99		P	00:23:40.609		359.9		5.65		TAS		14.1	0.97	m_e	mb 5.0
ROTZ	76.96		P	00:23:29.279		359.9		5.65		TAS		5.6	1.40	m_e	mb 4.5
TNS	76.48		P	00:23:26.612		359.9		5.65		TAS		12.1	0.98	m_e	mb 5.0
UBR	79.05		P	00:23:40.821		359.9		5.65		TAS		22.0	1.20	m_e	mb 5.1

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WET	77.58	P	00:23:32.849	359.9	5.65	TAS	11.6	1.10	m_e mb	4.9
WLF	76.97	P	00:23:30.294	359.9	5.65	TAS	20.8	1.14	m_e mb	5.2

Event 80128004 Southwest of Africa

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/28	16:03:04.50			-53.0900	9.6200				10.0					102.41	103.37	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	6.4		BGR	80128010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	102.41		L	17:03:04.642						T__		13852.7	21.20	a_e Ms	6.5
GRA1	102.41		PP	16:21:06.638						T__				m_e	
MOX	103.37		L	17:04:09.005						T__		9181.7	19.00	a_e Ms	6.3

Event 80130001 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
2018/01/30	00:25:59.10			38.5300	141.7800				60.0					81.92	81.92	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	80130007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.92		P	00:38:12.365		37.0		4.24		TAS		8.6	0.85	m_e mb	4.9

Event 80130002 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/30	03:50:52.50			44.5500	149.3600				40.0					79.29	79.29	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	80130008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.29		P	04:02:53.489		29.1		3.46		TAS		10.0	1.13	m_e mb	4.7

Event 80130005 Near coast of Peru

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/30	14:23:52.10			-15.8100	-74.6400				30.0					99.25	99.25	m i ke	EMSC

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	99.25		Pdiff	14:37:31.337						T__					m_e

Event 80130006 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/30	19:24:41.03			64.0490	-14.7080				33.0				19	16.82	22.18	m i ke	BGR

Magnitude Err Nsta Author OrigID

mb	4.7		BGR	80130012
Ms	3.8		BGR	80130012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	17.80		P	19:28:47.352		325.8		10.88		TAS		176.9	2.09	m_e mb	4.8
ASSE	17.80		P	19:28:46.730	-0.0	325.8		10.88		TAS		438.9	3.10	m_e mb	5.1
BFO	20.12		P	19:29:11.651		325.8		10.88		TAS		485.1	3.70	m_e mb	5.1
BRG	20.05		P	19:29:10.375	-0.0	325.8		10.88		TAS		235.7	2.41	m_e mb	5.0
CLL	19.34		P	19:29:01.244	-0.2	325.8		10.88		TAS		47.3	1.60	m_e mb	4.5
CLZ	17.91		P	19:28:47.953	0.1	325.8		10.88		TAS		244.7	2.49	m_e mb	4.9
FLT1	17.86		P	19:28:47.335	0.6	325.8		10.88		TAS		106.7	1.98	m_e mb	4.6
GEC2	21.59		P	19:29:28.216		325.8		10.88		TAS		47.0	1.42	m_e mb	4.7
GRA1	19.98		L	19:38:31.396						T__		393.6	21.90	a_e Ms	3.7
GRA1	19.98		P	19:29:10.290		325.8		10.88		TAS		136.5	2.00	m_e mb	4.8
MANZ	20.06		P	19:29:10.544		325.8		10.88		TAS		8.9	1.57	m_e mb	3.8
MOX	19.34		L	19:37:49.413						T__		532.0	19.90	a_e Ms	3.9
NRDL	17.30		P	19:28:38.107	-0.6	325.8		10.88		TAS		123.1	1.77	m_e mb	4.7
PLN	19.67		P	19:29:06.554		325.8		10.88		TAS		218.4	2.24	m_e mb	5.0
RETH	16.82		P	19:28:35.518	0.4	325.8		10.88		TAS		171.4	2.01	m_e mb	4.8
RJOB	22.18		P	19:29:33.704		325.8		10.88		TAS		9.7	0.89	m_e mb	4.2
ROTZ	20.28		P	19:29:13.118		325.8		10.88		TAS		41.6	2.61	m_e mb	4.2
TANN	19.85		P	19:29:08.456		325.8		10.88		TAS		161.0	2.03	m_e mb	4.9
UBBA	18.60		P	19:28:55.980	-0.9	325.8		10.88		TAS		143.0	2.44	m_e mb	4.8
UBR	21.28		P	19:29:25.167		325.8		10.88		TAS		69.8	1.72	m_e mb	4.7

WET 21.04 P 19:29:21.210 325.8 10.88 TAS 91.2 2.17 m_e mb 4.7

Event 80130007 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/30	20:11:49.41			42.5210	144.3770				71.6	1.1		16		76.17	81.59	m i ke	BGR
OrigID 80130013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80130013
Ms	4.2		BGR	80130013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	77.57		P	20:23:36.254	-0.3	33.2		5.49		TAS		8.8	1.02	m_e mb	4.8
BFO	81.59		P	20:23:57.787		33.2		5.49		TAS		12.3	1.05	m_e mb	5.0
BSEG	76.17		P	20:23:28.750	-0.3	33.2		5.49		TAS		19.9	0.89	m_e mb	5.2
CLL	77.44		P	20:23:35.107	-0.6	33.2		5.49		TAS		18.0	0.80	m_e mb	5.3
CLZ	77.91		P	20:23:38.388	0.2	33.2		5.49		TAS		22.3	0.74	m_e mb	5.4
CLZ	77.91		pP	20:23:57.947						T__				m_e	
FLT1	77.21		P	20:23:33.980	-0.0	33.2		5.49		TAS		26.8	0.82	m_e mb	5.4
FLT1	77.21		pP	20:23:53.168						T__				m_e	
FUR	80.68		P	20:23:53.580		33.2		5.49		TAS				m_e	
GRA1	79.42		L	21:01:14.035						T__		139.1	18.10	a_e Ms	4.3
GRA1	79.42		P	20:23:46.840		33.2		5.49		TAS		26.0	0.71	m_e mb	5.4
GRA1	79.42		L	21:01:28.611						T__		99.2	19.90	a_e Ms	4.2
GTTG	78.29		P	20:23:40.508	0.3	33.2		5.49		TAS		19.8	0.75	m_e mb	5.3
IBBN	78.37		P	20:23:40.840	-0.1	33.2		5.49		TAS		24.2	0.81	m_e mb	5.4
MANZ	78.85		pP	20:24:01.187						T__				m_e	
MOX	78.48		L	20:59:47.159						T__		88.9	18.90	a_e Ms	4.1
MOX	78.48		P	20:23:41.310		33.2		5.49		TAS		13.9	1.16	m_e mb	5.0
NEUB	77.97		P	20:23:38.388	0.2	33.2		5.49		TAS		24.1	0.87	m_e mb	5.3
NEUB	77.97		pP	20:23:57.658						T__				m_e	
RJOB	80.47		P	20:23:52.438		33.2		5.49		TAS		15.0	0.77	m_e mb	5.0
ROTZ	79.00		P	20:23:44.412		33.2		5.49		TAS		2.5	0.93	m_e mb	4.2
ROTZ	79.00		pP	20:24:03.718						T__				m_e	
TANN	78.37		P	20:23:40.411		33.2		5.49		TAS		5.4	0.91	m_e mb	4.7
WET	79.27		P	20:23:45.874		33.2		5.49		TAS		12.0	0.90	m_e mb	4.9
WET	79.27		pP	20:24:05.070						T__				m_e	

Event 80130008 North of Svalbard

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/30	22:07:50.80			82.9700	-7.0100				10.0					33.84	33.84	m i ke	EMSC
OrigID																	

80130040

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	80130014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	33.84		P	22:14:43.054		356.0		8.57		TAS		12.0	1.26	m_e	mb	4.7

Event 80131001 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
2018/01/31	01:15:25.20			36.3600	140.9900				54.0					83.48	83.48	m i ke	EMSC
OrigID																	
80131033																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	80131007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	83.48		P	01:28:00.185		38.6		4.64		TAS		6.4	1.00	m_e	mb	4.8

Event 80131002 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/31	03:13:13.60			-6.9800	155.9100				80.0				18	128.16	128.16	m i ke	EMSC
OrigID																	
80131034																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	128.16		PKPdf	03:32:11.038		46.9		1.27		TAS				m_e	

Event 80131003 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/31	07:06:54.32			36.3400	72.4800				219.4	6.5		33		43.66	48.77	m i ke	BGR
OrigID																	
80131009																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	80131009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	48.03		P	07:15:11.581	-0.3	85.6		7.82		TAS		142.8	0.78	m_e	mb	6.2
AHRW	48.03		pP	07:15:59.194						T__				m_e		
ASSE	45.60		S	07:21:18.757						T__				m_e		
ASSE	45.60		P	07:14:51.805	-1.0	85.6		7.82		TAS		100.4	1.29	m_e	mb	5.7
BFO	47.60		S	07:21:45.918						T__				m_e		
BFO	47.60		P	07:15:07.088	-0.4	85.6		7.82		TAS		72.4	0.81	m_e	mb	5.9
BRG	43.66		S	07:20:49.761						T__				m_e		
BRG	43.66		P	07:14:37.090	-0.4	85.6		7.82		TAS		240.4	0.91	m_e	mb	5.9
BSEG	45.67		P	07:14:53.610	1.2	85.6		7.82		TAS		204.3	0.77	m_e	mb	6.2
BUG	47.78		P	07:15:09.481	-0.1	85.6		7.82		TAS		249.6	0.92	m_e	mb	6.3
CLL	44.22		S	07:20:57.134						T__				m_e		
CLL	44.22		P	07:14:41.203	-0.8	85.6		7.82		TAS		174.7	0.83	m_e	mb	5.8
CLZ	45.81		S	07:21:22.679						T__				m_e		
CLZ	45.81		P	07:14:54.267	-0.2	85.6		7.82		TAS		157.4	0.78	m_e	mb	6.1
FLT1	45.23		P	07:14:49.342	-0.6	85.6		7.82		TAS				m_e		
FLT1	45.23		pP	07:15:36.871						T__				m_e		
FUR	45.68		P	07:14:52.668	0.4	85.6		7.82		TAS		182.9	0.72	m_e	mb	6.2
GEC2	44.00		S	07:20:55.408						T__				m_e		
GEC2	44.00		P	07:14:39.316	-0.1	85.6		7.82		TAS		85.3	1.10	m_e	mb	5.4
GRA1	45.51		S	07:21:20.117						T__				m_e		
GRA1	45.51		P	07:14:52.272	0.6	85.6		7.82		TAS		207.0	0.83	m_e	mb	6.2
GTTG	46.09		S	07:21:24.640						T__				m_e		
GTTG	46.09		P	07:14:56.621	0.0	85.6		7.82		TAS		452.6	0.92	m_e	mb	6.5
HLG	47.09		S	07:21:39.823						T__				m_e		
HLG	47.09		S	07:21:40.084						T__				m_e		
HLG	47.09		P	07:15:05.411		85.6		7.82		TAS		487.4	1.04	m_e	mb	6.6
IBBN	47.36		S	07:21:42.542						T__				m_e		
IBBN	47.36		P	07:15:06.461	0.4	85.6		7.82		TAS		312.8	0.85	m_e	mb	6.5
KAST	47.10		P	07:15:03.849	-0.6	85.6		7.82		TAS		57.3	0.82	m_e	mb	5.7
MANZ	44.91		S	07:21:10.189						T__				m_e		
MANZ	44.91		P	07:14:47.222	0.2	85.6		7.82		TAS		34.3	0.88	m_e	mb	5.3
MANZ	44.91		pP	07:15:34.005						T__				m_e		
MOX	45.15		S	07:21:10.921						T__				m_e		
MOX	45.15		P	07:14:48.903	-0.2	85.6		7.82		TAS		117.0	0.84	m_e	mb	5.8
NEUB	45.00		P	07:14:47.981	-0.1	85.6		7.82		TAS		307.0	0.84	m_e	mb	6.3
NRDL	45.91		S	07:21:23.045						T__				m_e		
NRDL	45.91		P	07:14:55.295	0.1	85.6		7.82		TAS		308.9	1.04	m_e	mb	6.3
PLN	44.82		S	07:21:07.338						T__				m_e		
PLN	44.82		P	07:14:46.379	-0.1	85.6		7.82		TAS		115.4	0.81	m_e	mb	5.9
RETH	46.34		P	07:14:58.409	-0.1	85.6		7.82		TAS		321.4	1.65	m_e	mb	6.1
RGN	43.89		S	07:20:54.099						T__				m_e		
RGN	43.89		P	07:14:40.479		85.6		7.82		TAS		1481.8	1.02	m_e	mb	6.7
RGN	43.89		pP	07:15:27.494						T__				m_e		
RJOB	44.73		S	07:21:04.983						T__				m_e		
RJOB	44.73		P	07:14:44.853	0.3	85.6		7.82		TAS		156.1	0.81	m_e	mb	6.0
ROTZ	44.87		S	07:21:09.274						T__				m_e		
ROTZ	44.87		P	07:14:46.871	0.3	85.6		7.82		TAS		43.4	1.00	m_e	mb	5.3
ROTZ	44.87		pP	07:15:33.671						T__				m_e		

Event 80131011 Gulf of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/01/31	20:01:54.40		56.9390	-148.4340					33.0			23		69.18	74.53	m i ke	BGR
OrigID 80131017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	80131017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	69.95		P	20:13:00.181	0.1	348.5		5.99		TAS		16.8	0.88	m_e mb	5.2
BFO	73.33		P	20:13:20.433		348.5		5.99		TAS		17.9	0.93	m_e mb	5.2
BRG	71.57		P	20:13:10.269	0.0	348.5		5.99		TAS		28.7	0.96	m_e mb	5.4
BUG	70.15		P	20:13:01.375	-0.1	348.5		5.99		TAS		57.9	0.71	m_e mb	5.8
CLL	71.04		P	20:13:06.606	-0.3	348.5		5.99		TAS		24.1	0.98	m_e mb	5.3
CLZ	70.19		P	20:13:02.284	0.0	348.5		5.99		TAS		32.2	0.85	m_e mb	5.5
FLT1	69.82		P	20:12:59.328	-0.2	348.5		5.99		TAS		30.1	1.00	m_e mb	5.4
GEC2	73.54		P	20:13:21.846		348.5		5.99		TAS		16.1	0.81	m_e mb	5.1
GRA1	72.41		P	20:13:15.579		348.5		5.99		TAS		31.7	0.78	m_e mb	5.5
GTTG	70.42		P	20:13:03.670	0.2	348.5		5.99		TAS		62.5	0.94	m_e mb	5.7
KAST	70.55		P	20:13:04.049	-0.1	348.5		5.99		TAS		42.9	1.14	m_e mb	5.5
MANZ	72.23		P	20:13:14.062		348.5		5.99		TAS		8.3	1.28	m_e mb	4.7
MOX	71.52		P	20:13:09.662	0.5	348.5		5.99		TAS		34.2	0.92	m_e mb	5.5
NEUB	71.00		P	20:13:06.682	0.1	348.5		5.99		TAS		40.1	0.81	m_e mb	5.6
NRDL	69.52		P	20:12:57.576	0.5	348.5		5.99		TAS		32.7	0.94	m_e mb	5.4
PLN	71.74		P	20:13:10.776	-0.1	348.5		5.99		TAS		19.9	0.84	m_e mb	5.3
RETH	69.18		P	20:12:55.528	-0.2	348.5		5.99		TAS		20.2	1.12	m_e mb	5.3
RJOB	74.53		P	20:13:27.532		348.5		5.99		TAS		20.5	0.81	m_e mb	5.2
ROTZ	72.46		P	20:13:15.401		348.5		5.99		TAS		7.8	0.86	m_e mb	4.9
RUE	69.97		P	20:13:00.686	0.5	348.5		5.99		TAS		79.2	1.00	m_e mb	5.8
TANN	71.85		P	20:13:11.610	-0.2	348.5		5.99		TAS		18.5	0.95	m_e mb	5.2
TNS	71.51		P	20:13:09.738	0.1	348.5		5.99		TAS		17.3	0.86	m_e mb	5.2
UBR	74.23		P	20:13:26.046		348.5		5.99		TAS		26.3	0.98	m_e mb	5.2