

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

(produced by SZO/BGR - HANNOVER)

May 2018 UPDATED 01.October 2020

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

Event 80501001 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/01	05:17:02.59	4.28	0.75	43.4110	11.0460	76.7	16.7	8	10.0			14	302	3.88	6.53	m i ke	BGR
OrigID 80501007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	4.97		Pn	05:18:17.389	0.6					T__					m_e
BFO	5.27		Pn	05:18:19.994	-0.9					T__					m_e
DAVA	3.96		Pn	05:18:04.204	1.0					T__					m_e
GEC2	5.74		Pn	05:18:26.148	-1.1					T__					m_e
KBA	4.01		Pn	05:18:03.790	-0.1					T__					m_e
MILB	6.53		Pn	05:18:36.863	-1.1					T__					m_e
MOA	4.98		Pn	05:18:16.892	-0.1					T__					m_e
OBER	4.03		Pn	05:18:05.279	1.1					T__					m_e
PART	4.09		Pn	05:18:05.796	0.9					T__					m_e
RJOB	4.50		Pn	05:18:10.916	0.5					T__					m_e
ROTZ	6.41		Pn	05:18:35.855	-0.4					T__					m_e
UBR	4.32		Pn	05:18:08.285	0.2					T__					m_e
WET	5.87		Pn	05:18:28.090	-0.9					T__					m_e
WTTA	3.88		Pn	05:18:02.494	0.4					T__					m_e

Event 80501003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/01	12:45:33.80			-16.6000	176.9500				15.0			10		144.05	147.16	m i ke	EMSC
OrigID																	

80501035

Magnitude	Err	Nsta	Author	OrigID
Ms	5.2		BGR	80501009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.01		PKPbc	13:05:15.191	-0.3	24.4		3.03		TAS				m_e	
FUR	146.40		PKPbc	13:05:13.537		24.4		3.03		TAS				m_e	
GEC2	145.05		PKPbc	13:05:09.195	0.2	24.4		3.03		TAS				m_e	
GRA1	145.02		PKPbc	13:05:09.402	0.2	24.4		3.03		TAS				m_e	
GRA1	145.02		L	14:15:32.182						T__		371.5	19.00	a_e Ms	5.2
MOX	144.05		L	14:11:50.644						T__		387.0	21.90	a_e Ms	5.1
PLN	144.05		PKPbc	13:05:06.025	-0.0	24.4		3.03		TAS				m_e	
RJOB	146.32		PKPbc	13:05:13.192		24.4		3.03		TAS				m_e	
STU	146.39		PKPbc	13:05:13.606	0.1	24.4		3.03		TAS				m_e	
UBR	147.16		PKPbc	13:05:15.398		24.4		3.03		TAS				m_e	
WET	145.05		PKPbc	13:05:09.333	-0.1	24.4		3.03		TAS				m_e	
WLF	146.19		PKPbc	13:05:13.192	-0.1	24.4		3.03		TAS				m_e	

Event 80501004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/01	19:47:53.70			-18.0300	-177.9600				588.0			29		143.60	149.70	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.30		PKPbc	20:06:26.069	0.0	16.4		2.75		TAS				m_e	
BFO	149.35		PKPbc	20:06:36.727	-0.2	16.4		2.75		TAS				m_e	
BRG	145.88		PKPbc	20:06:27.966	0.1	16.4		2.75		TAS				m_e	
BSEG	143.60		PKPbc	20:06:20.432	-0.9	16.4		2.75		TAS				m_e	
CLL	145.67		PKPbc	20:06:27.073	0.1	16.4		2.75		TAS				m_e	
CLZ	145.62		PKPbc	20:06:27.296	0.4	16.4		2.75		TAS				m_e	
FUR	149.01		PKPbc	20:06:36.058	-0.6	16.4		2.75		TAS				m_e	
GEC2	147.84		PKPbc	20:06:33.100	-0.1	16.4		2.75		TAS				m_e	
GOR1	144.37		PKPbc	20:06:23.334	-0.1	16.4		2.75		TAS				m_e	
GRA1	147.56		PKPbc	20:06:32.710	0.2	16.4		2.75		TAS				m_e	
GTTG	145.97		PKPbc	20:06:28.189	0.3	16.4		2.75		TAS				m_e	
IBBN	145.50		PKPbc	20:06:26.627	-0.1	16.4		2.75		TAS				m_e	
KAST	146.52		PKPbc	20:06:29.529	0.1	16.4		2.75		TAS				m_e	
MANZ	147.11		PKPbc	20:06:31.426	0.2	16.4		2.75		TAS				m_e	
MOX	146.57		PKPbc	20:06:29.696	0.2	16.4		2.75		TAS				m_e	
NEUB	146.02		PKPbc	20:06:28.133	0.2	16.4		2.75		TAS				m_e	
NRDL	145.03		PKPbc	20:06:25.232	-0.1	16.4		2.75		TAS				m_e	
PLN	146.62		PKPbc	20:06:29.919	0.4	16.4		2.75		TAS				m_e	

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Fri Oct 02 12:46:01 2020

3

RETH	144.89	PKPbc	20:06:24.897	-0.1	16.4	2.75	TAS	m_e
RJOB	149.09	PKPbc	20:06:36.002	-0.7	16.4	2.75	TAS	m_e
ROTZ	147.30	PKPbc	20:06:31.817	0.3	16.4	2.75	TAS	m_e
RUE	144.41	PKPbc	20:06:23.167	-0.5	16.4	2.75	TAS	m_e
STU	148.79	PKPbc	20:06:35.556	-0.4	16.4	2.75	TAS	m_e
TANN	146.63	PKPbc	20:06:30.087	0.2	16.4	2.75	TAS	m_e
TNS	147.47	PKPbc	20:06:32.263	0.4	16.4	2.75	TAS	m_e
UBBA	146.68	PKPbc	20:06:29.919	0.2	16.4	2.75	TAS	m_e
UBR	149.70	PKPbc	20:06:37.453		16.4	2.75	TAS	m_e
WET	147.75	PKPbc	20:06:33.100	-0.1	16.4	2.75	TAS	m_e
WLF	148.27	PKPbc	20:06:34.774	0.5	16.4	2.75	TAS	m_e

Event 80501005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/01	19:55:53.33			-18.8850	-177.1080				33.0			23		144.55	150.68	m i ke	BGR
80501011																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.27		PKPbc	20:15:29.641	-0.1	15.2		2.73		TAS					m_e
BFO	150.30		PKPbc	20:15:40.311	-0.5	15.2		2.73		TAS					m_e
BRG	146.90		PKPbc	20:15:31.550	0.1	15.2		2.73		TAS					m_e
BSEG	144.55		PKPbc	20:15:24.111	-0.9	15.2		2.73		TAS					m_e
CLL	146.67		PKPbc	20:15:30.816	0.0	15.2		2.73		TAS					m_e
CLZ	146.59		PKPbc	20:15:30.963	0.4	15.2		2.73		TAS					m_e
GEC2	148.86		PKPbc	20:15:36.738	-0.1	15.2		2.73		TAS					m_e
GRA1	148.55		PKPbc	20:15:36.298	0.4	15.2		2.73		TAS					m_e
IBBN	146.43		PKPbc	20:15:30.278	-0.1	15.2		2.73		TAS					m_e
KAST	147.46		PKPbc	20:15:33.165	0.1	15.2		2.73		TAS					m_e
MANZ	148.10		PKPbc	20:15:34.976	0.3	15.2		2.73		TAS					m_e
MOX	147.56		PKPbc	20:15:33.312	0.1	15.2		2.73		TAS					m_e
NEUB	147.00		PKPbc	20:15:31.795	0.1	15.2		2.73		TAS					m_e
NRDL	145.99		PKPbc	20:15:28.858	-0.1	15.2		2.73		TAS					m_e
PLN	147.62		PKPbc	20:15:33.508	0.2	15.2		2.73		TAS					m_e
RETH	145.84		PKPbc	20:15:28.516	-0.1	15.2		2.73		TAS					m_e
RJOB	150.11		PKPbc	20:15:39.626	-0.6	15.2		2.73		TAS					m_e
ROTZ	148.30		PKPbc	20:15:35.515	0.3	15.2		2.73		TAS					m_e
TANN	147.63		PKPbc	20:15:33.655	0.3	15.2		2.73		TAS					m_e
TNS	148.42		PKPbc	20:15:35.906	0.2	15.2		2.73		TAS					m_e
UBR	150.68		PKPbc	20:15:41.290	-0.4	15.2		2.73		TAS					m_e
WET	148.76		PKPbc	20:15:36.494	-0.0	15.2		2.73		TAS					m_e
WLF	149.18		PKPbc	20:15:38.451	0.4	15.2		2.73		TAS					m_e

Event 80501006 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/01	23:47:03.76			23.4930	122.6220				33.0			21		83.39	87.97	m i ke	BGR
OrigID 80501012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	80501012
Ms	5.3		BGR	80501012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	87.53		P	23:59:46.969	-0.5	59.0		5.01		TAS		46.7	1.63	m_e	mb	5.6
BUG	86.38		P	23:59:41.592	-0.1	59.0		5.01		TAS		65.2	1.25	m_e	mb	5.6
CLL	83.39		P	23:59:26.159	-0.6	59.0		5.01		TAS		31.8	1.25	m_e	mb	5.4
CLZ	84.54		P	23:59:32.932	0.5	59.0		5.01		TAS		58.9	1.33	m_e	mb	5.7
FUR	85.95		P	23:59:40.055	0.5	59.0		5.01		TAS		129.7	1.19	m_e	mb	5.9
GEC2	84.21		P	23:59:30.977	0.1	59.0		5.01		TAS		42.3	1.12	m_e	mb	5.6
GRA1	85.19		P	23:59:36.145	0.4	59.0		5.01		TAS		66.0	1.27	m_e	mb	5.7
GRA1	85.19		L	00:41:40.994						T__		1185.3	18.90	a_e	Ms	5.3
KAST	85.91		P	23:59:39.497	0.1	59.0		5.01		TAS		29.5	1.31	m_e	mb	5.2
MANZ	84.55		P	23:59:32.583	0.0	59.0		5.01		TAS		8.4	1.30	m_e	mb	4.8
MOX	84.48		P	23:59:32.025	-0.2	59.0		5.01		TAS		29.0	1.29	m_e	mb	5.3
MOX	84.48		L	00:41:23.454						T__		1371.1	18.40	a_e	Ms	5.4
NEUB	84.12		P	23:59:30.279	-0.1	59.0		5.01		TAS		42.4	1.14	m_e	mb	5.6
PLN	84.27		P	23:59:30.977	-0.2	59.0		5.01		TAS		25.1	1.21	m_e	mb	5.3
RJOB	85.28		P	23:59:36.284	0.1	59.0		5.01		TAS		26.8	1.02	m_e	mb	5.4
ROTZ	84.60		P	23:59:33.002	0.2	59.0		5.01		TAS		10.2	1.19	m_e	mb	4.9
STU	86.81		P	23:59:43.687	-0.2	59.0		5.01		TAS		48.7	1.17	m_e	mb	5.5
TANN	84.13		P	23:59:30.418	-0.1	59.0		5.01		TAS		25.5	1.36	m_e	mb	5.3
TNS	86.43		P	23:59:42.290	0.3	59.0		5.01		TAS		45.8	1.40	m_e	mb	5.4
UBBA	85.27		P	23:59:36.145	-0.0	59.0		5.01		TAS		54.1	1.73	m_e	mb	5.5
UBR	86.87		P	23:59:43.896	-0.3	59.0		5.01		TAS		49.1	1.32	m_e	mb	5.5
WET	84.53		P	23:59:32.583	0.1	59.0		5.01		TAS		36.4	1.31	m_e	mb	5.4
WLF	87.97		P	23:59:49.832	0.1	59.0		5.01		TAS		83.1	1.19	m_e	mb	5.9

Event 80502001 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/02	04:08:13.60			30.8200	51.4900				10.0			12		33.71	38.70	m i ke	EMSC
OrigID 80502033																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	80502007
Ms	4.5		BGR	80502007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	38.31		P	04:15:34.747	0.2	106.0		8.66		TAS		38.2	0.83	m_e	mb	5.2
BFO	37.02		P	04:15:23.758		106.0		8.66		TAS		22.6	0.96	m_e	mb	4.9
FUR	35.06		P	04:15:06.218		106.0		8.66		TAS		215.5	0.65	m_e	mb	6.2
GEC2	33.71		P	04:14:54.665		106.0		8.66		TAS		20.5	0.73	m_e	mb	5.2
GRA1	35.51		P	04:15:10.515	0.2	106.0		8.66		TAS		103.1	0.67	m_e	mb	5.8
GRA1	35.51		L	04:32:28.569						T__		778.3	20.30	a_e	Ms	4.5
KAST	37.66		P	04:15:28.973	-0.9	106.0		8.66		TAS		19.8	0.79	m_e	mb	4.9
MOX	35.56		L	04:33:37.244						T__		772.8	19.80	a_e	Ms	4.5
RJOB	33.97		P	04:14:56.969		106.0		8.66		TAS		144.8	0.84	m_e	mb	5.9
ROTZ	34.93		P	04:15:05.044	0.6	106.0		8.66		TAS		12.9	0.91	m_e	mb	4.8
TNS	37.38		P	04:15:26.435	-0.5	106.0		8.66		TAS		76.6	0.88	m_e	mb	5.4
UBR	35.71		P	04:15:11.712		106.0		8.66		TAS		167.3	0.75	m_e	mb	6.0
WET	34.32		P	04:14:59.455	-0.0	106.0		8.66		TAS		51.1	0.79	m_e	mb	5.5
WLF	38.70		P	04:15:37.001	-0.1	106.0		8.66		TAS		73.7	0.79	m_e	mb	5.4

Event 80502002 Reykjanes Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/02	10:13:20.40			52.6100	-32.2300				10.0			19		24.07	28.93	m i ke	EMSC
	80502034																

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	80502008
Ms	4.4		BGR	80502008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	25.92		P	10:18:51.734		293.0		8.73		TAS				m_e		
BRG	28.27		P	10:19:12.602	-0.7	293.0		8.73		TAS		8.9	0.88	m_e	mb	4.6
BSEG	25.20		P	10:18:46.579	0.7	293.0		8.73		TAS		44.1	0.86	m_e	mb	5.2
BUG	24.13		P	10:18:35.992	-1.4	293.0		8.73		TAS		17.3	0.84	m_e	mb	4.6
CLZ	25.83		P	10:18:53.467	1.1	293.0		8.73		TAS		19.0	1.01	m_e	mb	4.7
GEC2	28.93		P	10:19:19.302		293.0		8.73		TAS		5.8	0.91	m_e	mb	4.4
GOR1	26.03		P	10:18:55.124	1.6	293.0		8.73		TAS		54.3	1.15	m_e	mb	5.1
GRA1	27.11		L	10:27:59.073						T__		858.4	21.20	a_e	Ms	4.3
GTTG	25.69		P	10:18:52.262	1.2	293.0		8.73		TAS		73.0	0.97	m_e	mb	5.3
IBBN	24.16		P	10:18:35.841	-1.8	293.0		8.73		TAS		60.1	0.82	m_e	mb	5.2
MOX	26.98		P	10:19:01.150	-0.6	293.0		8.73		TAS		10.1	0.93	m_e	mb	4.5
MOX	26.98		L	10:28:50.709						T__		1370.6	18.10	a_e	Ms	4.5
NRDL	25.48		P	10:18:49.399	0.3	293.0		8.73		TAS		42.4	1.32	m_e	mb	5.0
PLN	27.36		P	10:19:04.991	-0.0	293.0		8.73		TAS		6.9	0.96	m_e	mb	4.4
RETH	24.97		P	10:18:44.579	-0.0	293.0		8.73		TAS		15.1	0.91	m_e	mb	4.7
RJOB	28.87		P	10:19:17.871		293.0		8.73		TAS				m_e		
ROTZ	27.66		P	10:19:07.778	0.2	293.0		8.73		TAS		3.4	1.53	m_e	mb	4.0
TANN	27.57		P	10:19:06.874	-0.4	293.0		8.73		TAS		8.9	0.92	m_e	mb	4.6

./bull1805.txt Fri Oct 02 12:46:01 2020 6

TNS	25.25	P	10:18:46.857	0.4	293.0	8.73	TAS	35.2	0.95	m_e	mb	5.1
UBR	27.28	P	10:19:04.313		293.0	8.73	TAS	19.1	0.78	m_e	mb	4.9
WLF	24.07	P	10:18:36.444	0.3	293.0	8.73	TAS	26.4	0.95	m_e	mb	4.7

Event 80502007 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/02	21:16:08.70			35.8400	28.3800				56.0			17		16.89	20.58	m i ke	EMSC
OrigID 80502039																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	80502013
Ms	2.8		BGR	80502013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	20.58		P	21:20:42.388	-0.7	131.5		11.53		TAS		21.3	1.52	m_e	mb	4.2
BRG	18.28		P	21:20:16.464	1.4	131.5		11.53		TAS		11.1	0.78	m_e	mb	4.0
CLL	18.99		P	21:20:23.924	-0.8	131.5		11.53		TAS				m_e		
FUR	17.65		P	21:20:09.281	-0.1	131.5		11.53		TAS		58.3	0.88	m_e	mb	4.7
GEC2	16.89		P	21:20:01.199	-0.8	131.5		11.53		TAS		36.2	1.05	m_e	mb	4.4
GRA1	18.65		P	21:20:21.713	0.2	131.5		11.53		TAS		23.9	0.93	m_e	mb	4.4
GRA1	18.65		L	21:28:16.065						T__		50.7	21.80	a_e	Ms	2.8
MANZ	18.43		P	21:20:18.920	0.0	131.5		11.53		TAS		2.7	1.13	m_e	mb	3.3
MOX	19.12		P	21:20:27.941	-1.0	131.5		11.53		TAS		37.1	1.23	m_e	mb	4.5
MOX	19.12		L	21:28:04.884						T__		48.0	20.80	a_e	Ms	2.8
NEUB	19.44		P	21:20:29.197	0.6	131.5		11.53		TAS		13.9	0.74	m_e	mb	4.3
PLN	18.76		P	21:20:21.366	-0.7	131.5		11.53		TAS		20.1	0.84	m_e	mb	4.4
ROTZ	18.23		P	21:20:16.533	0.3	131.5		11.53		TAS		2.1	0.93	m_e	mb	3.2
RUE	19.59		P	21:20:30.002	0.5	131.5		11.53		TAS		33.5	0.81	m_e	mb	4.6
STU	19.12		P	21:20:25.189	-0.1	131.5		11.53		TAS		44.8	0.81	m_e	mb	4.7
TANN	18.57		P	21:20:19.443	1.2	131.5		11.53		TAS		19.8	0.91	m_e	mb	4.3
TNS	20.38		P	21:20:42.297	0.2	131.5		11.53		TAS		22.6	0.73	m_e	mb	4.5
UBR	18.00		P	21:20:12.389		131.5		11.53		TAS		18.3	0.65	m_e	mb	4.3
WET	17.49		P	21:20:08.106	0.2	131.5		11.53		TAS		66.2	1.54	m_e	mb	4.5

Event 80504004 Azores Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/04	02:24:22.26			36.9400	-34.0490				10.0					32.79	36.38	m i ke	BGR
OrigID 80504010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80504010

Ms 3.8 BGR 80504010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	32.79		L	02:41:03.217						T__		85.1	21.40	a_e	Ms 3.4
BSEG	34.79		L	02:42:58.118						T__		263.7	20.80	a_e	Ms 4.0
CLL	36.05		L	02:43:00.138						T__		192.1	21.20	a_e	Ms 3.8
GEC2	36.38		L	02:42:14.995						T__		67.1	21.60	a_e	Ms 3.4
GRA1	34.79		P	02:31:12.325		265.7		9.12		TAS		64.5	2.44	m_e	mb 5.1
GRA1	34.79		L	02:43:23.582						T__		195.3	18.50	a_e	Ms 3.9
MOX	35.12		L	02:43:09.426						T__		282.9	20.30	a_e	Ms 4.0
TNS	33.06		L	02:41:57.187						T__		254.4	19.90	a_e	Ms 3.9
WET	35.85		L	02:43:33.170						T__		106.5	20.30	a_e	Ms 3.6

Event 80504005 Easter Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/04	03:36:48.80			-24.2300	-111.8400				10.0					128.46	130.48	m i ke	NEIC
OrigID 80504044																	

Magnitude Err Nsta Author OrigID
Ms 4.6 BGR 80504011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLZ	128.46		PKPdf	03:55:56.673		278.5		1.95		TAS				m_e	
GRA1	129.33		PKPdf	03:55:58.317		278.5		1.95		TAS				m_e	
GRA1	129.33		L	04:41:36.792						T__		96.7	21.90	a_e	Ms 4.5
MANZ	129.85		PKPdf	03:55:58.883		278.5		1.95		TAS				m_e	
MOX	129.43		L	04:52:21.296						T__		128.0	18.20	a_e	Ms 4.7
TANN	130.00		PKPdf	03:55:59.074		278.5		1.95		TAS				m_e	
WET	130.48		PKPdf	03:56:00.053		278.5		1.95		TAS				m_e	

Event 80504006 Hawaiian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/04	22:32:55.80			19.3700	-155.0300				10.0					105.92	111.67	m i ke	NEIC
OrigID 80504045																	

Magnitude Err Nsta Author OrigID
Ms 6.3 BGR 80504012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	110.98		L	23:35:00.574						T__		9803.1	21.90	a_e	Ms 6.3
BSEG	105.92		L	23:30:45.453						T__		4811.4	21.90	a_e	Ms 6.0

CLL	108.85	L	23:32:27.728	T__	6328.5	21.80	a_e	Ms	6.1
FUR	111.67	L	23:41:54.866	T__	7826.9	22.00	a_e	Ms	6.3
GEC2	111.36	L	23:39:36.994	T__	10669.6	21.90	a_e	Ms	6.4
GRA1	110.17	PP	22:52:05.341	T__			m_e		
GRA1	110.17	L	23:43:58.952	T__	11577.8	21.30	a_e	Ms	6.4
MOX	109.31	L	23:40:24.217	T__	9736.4	21.50	a_e	Ms	6.3
TNS	109.19	L	23:33:41.949	T__	17019.6	22.00	a_e	Ms	6.6
WET	110.95	L	23:43:33.297	T__	11137.0	21.30	a_e	Ms	6.4

Event 80505002 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/05	06:19:20.71			16.9960	122.2590				33.0			33		86.84	93.03	m i ke	BGR
80505008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	80505008
MBB	6.3		BGR	80505008
Ms	6.1		BGR	80505008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	92.07		P	06:32:25.667	-0.3	63.2		4.66		TAS		71.5	1.48	m_e	mb 5.8
ASSE	89.33		P	06:32:12.464	-0.0	63.2		4.66		TAS		64.8	1.43	a_e	mb 5.7
BFO	92.44		P	06:32:26.928	0.8	63.2		4.66		TAS		41.9	1.31	m_e	mb 5.6
BFO	92.44		L	07:20:15.155						T__		4958.9	19.00	a_e	Ms 6.0
BRG	88.04		P	06:32:06.544	-0.0	63.2		4.66		TAS		58.1	1.21	m_e	mb 5.8
BSEG	88.69		P	06:32:09.860	0.3	63.2		4.66		TAS		69.5	1.03	m_e	mb 5.8
BSEG	88.69		L	07:16:10.932						T__		10061.2	21.50	a_e	Ms 6.2
BUG	91.52		P	06:32:23.137	-0.6	63.2		4.66		TAS		74.0	1.07	m_e	mb 5.9
CLL	88.39		P	06:32:07.875	-0.2	63.2		4.66		TAS		72.6	1.29	m_e	mb 5.9
CLL	88.39		L	07:24:05.671						T__		7017.2	18.20	a_e	Ms 6.1
CLZ	89.63		P	06:32:14.164	-0.0	63.2		4.66		TAS		84.1	1.10	a_e	mb 5.9
FLT1	88.93		P	06:32:10.234	-0.3	63.2		4.66		TAS		74.6	1.26	m_e	mb 5.8
FUR	90.78		P	06:32:20.367	-0.3	63.2		4.66		TAS		149.7	1.21	m_e	mb 6.2
FUR	90.78		L	07:17:36.746						T__		5636.2	22.00	a_e	Ms 6.0
GEC2	89.03		P	06:32:11.412	-0.0	63.2		4.66		TAS		53.8	1.21	m_e	mb 5.6
GEC2	89.03		L	07:18:15.753						T__		6144.6	21.30	a_e	Ms 6.0
GOR1	88.59		P	06:32:09.728	-0.3	63.2		4.66		TAS		152.4	1.16	m_e	mb 6.1
GRA1	90.12		P	06:32:17.009	0.9	63.2		4.66		TAS		47.1	1.23	m_e	mb 5.6
GRA1	90.12		L	07:21:13.473						T__		8489.4	19.50	a_e	Ms 6.2
GTTG	89.99		P	06:32:15.866	0.1	63.2		4.66		TAS		67.1	1.06	m_e	mb 5.8
IBBN	90.82		P	06:32:20.192	-0.7	63.2		4.66		TAS		102.4	1.20	m_e	mb 6.0
KAST	91.00		P	06:32:20.456	-0.4	63.2		4.66		TAS		62.3	1.30	m_e	mb 5.8
MANZ	89.48		P	06:32:13.949	0.1	63.2		4.66		TAS		11.4	1.38	m_e	mb 4.9
MOX	89.47		P	06:32:13.533	0.1	63.2		4.66		TAS		64.9	1.35	m_e	MBB 6.2
MOX	89.47		L	07:18:22.870						T__		6039.9	19.70	a_e	Ms 6.0

NEUB	89.14	P	06:32:11.553	-0.3	63.2	4.66	TAS	81.6	1.08	m_e	mb	5.9
NRDL	89.47	P	06:32:13.464	0.1	63.2	4.66	TAS	101.6	1.24	a_e	mb	5.9
PLN	89.23	P	06:32:12.064	0.1	63.2	4.66	TAS	42.6	1.22	a_e	mb	5.5
RETH	89.76	P	06:32:14.514	0.0	63.2	4.66	TAS	78.0	1.32	a_e	mb	5.8
RGN	86.84	P	06:32:01.598	0.4	63.2	4.66	TAS	172.2	1.13	m_e	mb	6.1
RJOB	90.05	P	06:32:15.914	-0.6	63.2	4.66	TAS	59.2	0.99	a_e	mb	5.8
ROTZ	89.52	P	06:32:13.764	0.4	63.2	4.66	TAS	10.1	1.11	a_e	mb	5.0
RUE	87.46	P	06:32:04.235	0.4	63.2	4.66	TAS	134.6	0.92	m_e	mb	6.1
STU	91.73	P	06:32:23.989	-0.4	63.2	4.66	TAS	107.0	1.07	m_e	mb	6.1
TANN	89.09	P	06:32:11.805	-0.2	63.2	4.66	TAS	38.6	1.26	m_e	mb	5.5
TNS	91.46	P	06:32:22.564	0.4	63.2	4.66	TAS	63.8	1.26	a_e	mb	5.8
TNS	91.46	L	07:19:06.147				T__	7104.4	18.60	a_e	Ms	6.1
UBBA	90.31	P	06:32:17.351	0.1	63.2	4.66	TAS	51.2	1.29	m_e	mb	5.6
UBR	91.70	P	06:32:23.314		63.2	4.66	TAS	89.0	1.15	a_e	mb	6.0
WET	89.39	P	06:32:14.027	-0.0	63.2	4.66	TAS	46.3	1.39	m_e	mb	5.5
WET	89.39	L	07:14:35.220				T__	6310.3	21.40	a_e	Ms	6.0
WLF	93.03	P	06:32:30.400	0.5	63.2	4.66	TAS	135.4	1.06	m_e	mb	6.3

Event 80505003 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/05	10:29:02.77			25.9970	-43.7380				10.0			5		46.06	50.05	m i ke	BGR
80505009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	80505009
Ms	4.0		BGR	80505009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	46.06		P	10:37:27.821	0.4	261.5		7.74		TAS		11.2	1.03	m_e	mb	4.8
BFO	46.06		L	10:50:32.867						T__		109.2	19.10	a_e	Ms	3.8
BRG	50.05		P	10:37:58.430		261.5		7.74		TAS		4.8	1.02	m_e	mb	4.4
BSEG	48.40		P	10:37:44.624		261.5		7.74		TAS		32.1	1.15	m_e	mb	5.3
BSEG	48.40		L	10:53:23.789						T__		116.4	20.40	a_e	Ms	3.9
CLL	49.52		L	10:53:34.897						T__		195.9	20.30	a_e	Ms	4.1
GEC2	49.67		P	10:37:55.669		261.5		7.74		TAS		11.4	1.12	m_e	mb	4.7
GEC2	49.67		L	10:53:48.843						T__		85.4	20.50	a_e	Ms	3.7
GRA1	48.16		P	10:37:42.575		261.5		7.74		TAS				m_e		
GRA1	48.16		L	10:52:41.565						T__		210.3	21.20	a_e	Ms	4.1
MOX	48.55		L	10:53:05.743						T__		328.0	19.40	a_e	Ms	4.3
TNS	46.48		L	10:51:41.959						T__		260.4	21.50	a_e	Ms	4.2
WET	49.16		L	10:53:10.121						T__		163.5	20.40	a_e	Ms	4.0

Event 80505004 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/05	14:03:53.05			25.3630	-44.9220				10.0			10		47.27	51.25	m i ke	BGR
OrigID 80505010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	80505010
Ms	3.9		BGR	80505010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	47.27		P	14:12:25.311	0.3	261.9		7.65		TAS		67.2	1.94	m_e	mb 5.4
BFO	47.27		L	14:26:38.017						T__		94.1	20.20	a_e	Ms 3.7
BRG	51.25		P	14:12:55.779		261.9		7.65		TAS		9.0	1.25	m_e	mb 4.6
BSEG	49.57		P	14:12:42.572		261.9		7.65		TAS		34.6	1.08	m_e	mb 5.2
BSEG	49.57		L	14:28:42.972						T__		80.5	20.60	a_e	Ms 3.7
CLL	50.71		P	14:12:51.283		261.9		7.65		TAS		5.0	0.79	m_e	mb 4.5
CLL	50.71		L	14:29:30.441						T__		155.8	19.60	a_e	Ms 4.0
GEC2	50.88		P	14:12:53.339		261.9		7.65		TAS		20.8	1.35	m_e	mb 4.9
GEC2	50.88		L	14:27:57.227						T__		54.0	21.60	a_e	Ms 3.5
GRA1	49.36		P	14:12:42.113		261.9		7.65		TAS		10.1	1.11	m_e	mb 4.8
GRA1	49.36		L	14:29:07.498						T__		144.7	18.70	a_e	Ms 4.0
MANZ	49.97		P	14:12:46.809		261.9		7.65		TAS		2.4	1.10	m_e	mb 4.0
MOX	49.75		P	14:12:44.474		261.9		7.65		TAS		46.7	2.10	m_e	mb 5.0
MOX	49.75		L	14:29:00.755						T__		171.2	21.10	a_e	Ms 4.0
NRDL	49.15		P	14:12:39.572		261.9		7.65		TAS		50.6	1.77	m_e	mb 5.3
TNS	47.68		L	14:27:38.678						T__		173.0	20.10	a_e	Ms 4.0
WET	50.37		P	14:12:49.658		261.9		7.65		TAS		26.9	1.71	m_e	mb 4.9
WET	50.37		L	14:28:32.062						T__		98.9	20.40	a_e	Ms 3.8

Event 80505005 Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/05	20:36:49.03			-21.2460	168.9790				33.0			21		144.51	148.83	m i ke	BGR
OrigID 80505011																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.2		BGR	80505011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.83		PKPbc	20:56:33.008		39.8		2.98		TAS				m_e	
BRG	144.54		PKPbc	20:56:20.464	0.1	39.8		2.98		TAS				m_e	
CLL	144.62		PKPbc	20:56:20.542	0.3	39.8		2.98		TAS				m_e	
CLZ	145.23		PKPbc	20:56:23.212	0.1	39.8		2.98		TAS				m_e	
FLT1	144.51		PKPbc	20:56:20.177	0.3	39.8		2.98		TAS				m_e	
GEC2	146.12		PKPbc	20:56:25.686	-0.5	39.8		2.98		TAS				m_e	

GRA1	146.58	L	22:07:45.706							T__	33.9	21.90	a_e	Ms	4.1
GTTG	145.62	PKPbc	20:56:24.449	0.3	39.8	2.98				TAS			m_e		
IBBN	145.75	PKPbc	20:56:24.818	-0.4	39.8	2.98				TAS			m_e		
MANZ	145.99	PKPbc	20:56:25.420	-0.3	39.8	2.98				TAS			m_e		
MOX	145.69	PKPbc	20:56:24.182	0.2	39.8	2.98				TAS			m_e		
MOX	145.69	L	22:04:02.942							T__	40.8	18.20	a_e	Ms	4.2
NEUB	145.20	PKPbc	20:56:22.866	0.4	39.8	2.98				TAS			m_e		
NRDL	144.79	PKPbc	20:56:21.410	0.3	39.8	2.98				TAS			m_e		
PLN	145.59	PKPbc	20:56:24.167	0.1	39.8	2.98				TAS			m_e		
RETH	144.86	PKPbc	20:56:21.577	0.4	39.8	2.98				TAS			m_e		
RJOB	147.34	PKPbc	20:56:28.980		39.8	2.98				TAS			m_e		
ROTZ	146.11	PKPbc	20:56:25.703	0.2	39.8	2.98				TAS			m_e		
TANN	145.51	PKPbc	20:56:23.977	0.3	39.8	2.98				TAS			m_e		
TNS	147.25	PKPbc	20:56:29.229		39.8	2.98				TAS			m_e		
UBR	148.60	PKPbc	20:56:32.491		39.8	2.98				TAS			m_e		
WET	146.28	PKPbc	20:56:26.159		39.8	2.98				TAS			m_e		
WLF	148.54	PKPbc	20:56:33.148		39.8	2.98				TAS			m_e		

Event 80506001 Pakistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/06	00:00:57.71			35.5140	71.9320				33.0			29		43.83	48.92	m i ke	BGR
80506007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	80506007
Ms	3.5		BGR	80506007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	48.21		P	00:09:33.773	-0.2	84.2		7.91		TAS		21.2	0.72	m_e	mb	5.4
BFO	47.72		P	00:09:29.871		84.2		7.91		TAS		15.7	0.85	a_e	mb	5.2
BFO	47.72		L	00:24:26.658						T__		45.8	21.20	a_e	Ms	3.4
BRG	43.83		P	00:08:58.971	-0.1	84.2		7.91		TAS		24.4	0.61	a_e	mb	5.1
BSEG	45.92		P	00:09:15.121	0.5	84.2		7.91		TAS		52.8	0.66	a_e	mb	5.7
BSEG	45.92		L	00:25:20.812						T__		93.0	19.30	a_e	Ms	3.7
BUG	47.97		P	00:09:31.594	-0.3	84.2		7.91		TAS		33.1	0.97	m_e	mb	5.4
CLL	44.40		P	00:09:02.921	-0.3	84.2		7.91		TAS		20.4	0.71	a_e	mb	5.0
CLL	44.40		L	00:30:23.170						T__		50.8	21.20	a_e	Ms	3.4
CLZ	46.00		P	00:09:16.003	-0.2	84.2		7.91		TAS		16.5	0.70	m_e	mb	5.2
FLT1	45.44		P	00:09:11.054	-0.2	84.2		7.91		TAS		55.9	0.54	m_e	mb	5.7
FUR	45.80		P	00:09:15.407		84.2		7.91		TAS		33.0	0.68	m_e	mb	5.5
GEC2	44.12		P	00:09:01.732	0.5	84.2		7.91		TAS		6.9	0.83	m_e	mb	4.4
GEC2	44.12		L	00:25:21.861						T__		58.9	20.80	a_e	Ms	3.5
GOR1	45.36		P	00:09:10.818	0.1	84.2		7.91		TAS				m_e		
GRA1	45.66		L	00:24:27.755						T__		62.5	20.80	a_e	Ms	3.5
GTTG	46.28		P	00:09:18.458	-0.8	84.2		7.91		TAS		36.7	0.62	m_e	mb	5.6

IBBN	47.51	P	03:25:42.199	-0.6	79.8	7.90	TAS	13.8	0.82	m_e	mb	5.1
MANZ	45.20	P	03:25:26.279		79.8	7.90	TAS	1.0	0.83	m_e	mb	3.8
MOX	45.40	P	03:25:25.620		79.8	7.90	TAS	5.7	0.82	m_e	mb	4.5
MOX	45.40	L	03:48:34.808				T__	371.8	20.90	a_e	Ms	4.3
NRDL	46.06	P	03:25:30.916	-0.3	79.8	7.90	TAS	13.9	0.86	m_e	mb	5.0
RGN	43.93	P	03:25:13.483	0.4	79.8	7.90	TAS	24.7	0.65	m_e	mb	5.1
RJOB	45.15	P	03:25:23.963		79.8	7.90	TAS	5.6	1.26	m_e	mb	4.3
TNS	47.47	L	03:49:49.230				T__	686.3	18.10	a_e	Ms	4.7
UBR	46.94	P	03:25:37.928		79.8	7.90	TAS	21.1	0.94	m_e	mb	5.3
WET	44.84	P	03:25:21.642		79.8	7.90	TAS	10.5	1.04	m_e	mb	4.7
WET	44.84	L	03:50:16.076				T__	284.2	21.30	a_e	Ms	4.2
WLF	49.04	P	03:25:54.759		79.8	7.90	TAS	13.9	1.14	m_e	mb	4.9

Event 80506003 Eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/06	06:04:28.22			36.8470	139.8690				33.0			18		79.44	84.85	m i ke	BGR
OrigID 80506009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80506009
Ms	5.1		BGR	80506009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	80.93		P	06:16:36.217	0.2	39.1		5.22		TAS		16.7	1.34	m_e	mb	4.9
BFO	84.85		L	07:03:05.418						T__		644.7	20.30	a_e	Ms	5.0
BRG	80.58		P	06:16:35.100	1.5	39.1		5.22		TAS		26.9	1.55	m_e	mb	5.0
BSEG	79.66		P	06:16:31.423	0.5	39.1		5.22		TAS		42.6	1.16	m_e	mb	5.3
BSEG	79.66		L	06:57:40.290						T__		1281.1	18.40	a_e	Ms	5.3
CLL	80.64		P	06:16:34.747	-0.7	39.1		5.22		TAS		43.9	1.25	m_e	mb	5.3
CLL	80.64		L	07:00:54.233						T__		986.4	19.30	a_e	Ms	5.2
CLZ	81.27		P	06:16:38.944	0.7	39.1		5.22		TAS		37.2	1.21	m_e	mb	5.3
FLT1	80.56		P	06:16:34.577	-1.2	39.1		5.22		TAS		40.5	1.17	m_e	mb	5.3
FUR	83.77		L	06:59:54.115						T__		765.8	18.40	a_e	Ms	5.1
GEC2	82.21		P	06:16:43.812		39.1		5.22		TAS		32.1	2.07	m_e	mb	5.1
GEC2	82.21		L	06:56:47.052						T__		819.2	20.30	a_e	Ms	5.1
GOR1	80.02		P	06:16:33.287	0.9	39.1		5.22		TAS		56.9	1.34	m_e	mb	5.3
GRA1	82.61		L	07:00:35.509						T__		801.9	19.60	a_e	Ms	5.1
IBBN	81.89		P	06:16:42.141	-0.3	39.1		5.22		TAS		42.4	1.17	m_e	mb	5.5
KAST	82.53		P	06:16:45.975	0.9	39.1		5.22		TAS		13.7	1.29	m_e	mb	5.0
MOX	81.71		P	06:16:40.925		39.1		5.22		TAS		25.5	1.76	m_e	mb	5.1
MOX	81.71		L	06:59:21.028						T__		1186.1	19.20	a_e	Ms	5.3
NEUB	81.22		P	06:16:39.685	-0.5	39.1		5.22		TAS		41.4	1.22	m_e	mb	5.3
PLN	81.61		P	06:16:41.919		39.1		5.22		TAS		17.1	1.56	m_e	mb	4.9
RETH	80.96		P	06:16:38.020	-0.3	39.1		5.22		TAS		37.1	1.33	m_e	mb	5.2
ROTZ	82.14		P	06:16:43.356		39.1		5.22		TAS		4.7	1.37	m_e	mb	4.4

80506011

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	80506011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	85.49		P	12:50:41.139		276.9		5.62		TAS		5.4	0.89	m_e	mb 4.8
TANN	86.07		P	12:50:40.755		276.9		5.62		TAS		9.3	1.37	m_e	mb 4.7
WET	86.68		P	12:50:44.619		276.9		5.62		TAS		41.3	2.11	m_e	mb 5.2

Event 80506006 Nicaragua

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/06	19:02:35.53			13.5550	-86.4780				33.0			25		81.49	86.49	m i ke	BGR
	OrigID																
	80506012																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80506012
Ms	5.1		BGR	80506012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	81.90		P	19:14:51.810	0.2	284.6		5.04		TAS		17.9	0.83	m_e	mb 5.2
BFO	83.16		L	19:51:12.765						T__		764.4	19.40	a_e	Ms 5.1
BRG	86.06		P	19:15:12.479		284.6		5.04		TAS		9.3	1.21	m_e	mb 4.8
BSEG	83.12		P	19:14:57.338	0.4	284.6		5.04		TAS		16.8	1.19	m_e	mb 5.1
BSEG	83.12		L	19:56:32.975						T__		640.1	21.30	a_e	Ms 5.0
BUG	81.85		P	19:14:51.208	-0.1	284.6		5.04		TAS		19.4	1.11	m_e	mb 5.1
CLL	85.37		P	19:15:09.382		284.6		5.04		TAS		11.0	0.89	m_e	mb 5.1
CLL	85.37		L	20:01:26.456						T__		620.1	19.90	a_e	Ms 5.0
CLZ	83.65		P	19:15:00.890	0.2	284.6		5.04		TAS		18.1	1.16	m_e	mb 5.2
FLT1	84.04		P	19:15:01.761	0.1	284.6		5.04		TAS		16.0	1.23	m_e	mb 5.1
FUR	85.12		L	19:48:10.818						T__		516.2	21.70	a_e	Ms 4.9
GEC2	86.49		P	19:15:14.578		284.6		5.04		TAS		9.8	1.16	m_e	mb 4.8
GEC2	86.49		L	19:51:37.610						T__		857.3	20.60	a_e	Ms 5.1
GRA1	84.69		P	19:15:05.893	0.1	284.6		5.04		TAS		15.6	0.96	m_e	mb 5.2
GRA1	84.69		L	19:50:35.724						T__		1328.3	20.00	a_e	Ms 5.3
GTTG	83.47		P	19:15:00.159	-0.2	284.6		5.04		TAS		15.0	0.88	m_e	mb 5.2
HLG	81.67		P	19:14:50.441	0.1	284.6		5.04		TAS		41.7	0.95	m_e	mb 5.5
IBBN	81.97		P	19:14:51.033	-0.8	284.6		5.04		TAS		20.1	0.94	m_e	mb 5.2
KAST	82.60		P	19:14:54.725	-0.3	284.6		5.04		TAS		9.1	1.04	m_e	mb 4.9
MANZ	85.17		P	19:15:08.199		284.6		5.04		TAS		3.7	1.19	m_e	mb 4.5
MOX	84.70		P	19:15:05.450	-0.7	284.6		5.04		TAS		7.5	0.96	m_e	mb 4.9
MOX	84.70		L	19:59:51.425						T__		584.7	20.50	a_e	Ms 5.0
NRDL	83.33		P	19:14:59.117	0.7	284.6		5.04		TAS		28.9	1.48	m_e	mb 5.3
PLN	85.07		P	19:15:07.055	-0.1	284.6		5.04		TAS		13.6	0.89	m_e	mb 5.2
RETH	82.83		P	19:14:56.606	0.4	284.6		5.04		TAS		14.3	0.94	m_e	mb 5.2

RGN	84.67	P	19:15:05.523	0.4	284.6	5.04	TAS	36.0	0.96	m_e	mb	5.6
ROTZ	85.29	P	19:15:07.990		284.6	5.04	TAS	3.1	1.14	m_e	mb	4.4
TANN	85.28	P	19:15:08.622		284.6	5.04	TAS	14.5	0.99	m_e	mb	5.2
TNS	82.83	P	19:14:56.537	0.3	284.6	5.04	TAS	11.9	0.82	m_e	mb	5.2
TNS	82.83	L	19:49:28.841				T__	759.2	20.60	a_e	Ms	5.1
UBBA	83.66	P	19:15:00.196	-0.6	284.6	5.04	TAS	6.6	1.18	m_e	mb	4.7
UBR	84.47	P	19:15:04.754	-0.5	284.6	5.04	TAS	11.3	0.91	m_e	mb	5.1
WET	85.88	L	19:51:09.142				T__	999.8	20.30	a_e	Ms	5.2
WLF	81.49	P	19:14:49.327	-0.1	284.6	5.04	TAS			m_e		

Event 80506007 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/06	19:57:09.100			31.3700	51.3360				33.0					33.24	38.23	m i ke	BGR
80506013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	80506013
Ms	4.1		BGR	80506013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	36.56		L	20:20:44.016						T__		296.1	19.30	a_e	Ms	4.1
BSEG	36.93		L	20:21:40.226						T__		325.8	20.90	a_e	Ms	4.1
CLL	34.47		P	20:03:54.750		110.8		9.49		TAS		9.3	0.76	m_e	mb	4.8
CLL	34.47		L	20:19:54.684						T__		459.0	19.60	a_e	Ms	4.2
CLZ	36.20		P	20:04:09.855		110.8		9.49		TAS		18.1	0.70	m_e	mb	5.0
FLT1	35.85		P	20:04:06.551		110.8		9.49		TAS		12.1	0.76	m_e	mb	4.8
FUR	34.61		L	20:21:07.036						T__		356.8	19.40	a_e	Ms	4.1
GEC2	33.24		P	20:03:43.235		110.8		9.49		TAS		6.7	0.62	m_e	mb	4.7
GEC2	33.24		L	20:21:53.057						T__		292.7	20.30	a_e	Ms	4.0
GRA1	35.04		P	20:03:59.488		110.8		9.49		TAS		31.3	0.63	m_e	mb	5.4
GRA1	35.04		L	20:19:50.532						T__		320.1	19.50	a_e	Ms	4.1
KAST	37.18		P	20:04:18.801		110.8		9.49		TAS		28.3	1.13	m_e	mb	4.9
MOX	35.08		L	20:22:25.471						T__		309.8	19.40	a_e	Ms	4.1
RJOB	33.51		P	20:03:45.999		110.8		9.49		TAS		38.4	0.66	m_e	mb	5.5
ROTZ	34.45		P	20:03:53.948		110.8		9.49		TAS		4.3	0.65	m_e	mb	4.5
TNS	36.91		P	20:04:15.545		110.8		9.49		TAS		18.0	0.68	m_e	mb	4.9
TNS	36.91		L	20:19:59.148						T__		274.1	18.60	a_e	Ms	4.1
WET	33.85		P	20:03:47.935		110.8		9.49		TAS		19.3	0.77	m_e	mb	5.1
WET	33.85		L	20:20:21.937						T__		210.4	18.80	a_e	Ms	3.9
WLF	38.23		P	20:04:26.172		110.8		9.49		TAS		21.5	0.67	m_e	mb	5.0

Event 80506008 Eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/06	20:00:43.02			39.8480	141.4260				99.0	2.3		33		76.00	82.86	m i ke	BGR
80506014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	80506014
Ms	4.3		BGR	80506014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	81.49		P	20:12:55.211	-0.1	36.5		5.37		TAS		33.5	1.05	m_e	mb	5.3
AHRW	81.49		pP	20:13:20.810						T__				m_e		
ASSE	78.89		P	20:12:40.995	0.4	36.5		5.37		TAS		14.5	1.11	a_e	mb	4.9
ASSE	78.89		pP	20:13:06.533						T__				m_e		
BFO	82.86		P	20:13:02.245	0.0	36.5		5.37		TAS		26.2	0.89	a_e	mb	5.5
BFO	82.86		pP	20:13:27.745						T__				m_e		
BRG	78.64		P	20:12:39.645	-0.3	36.5		5.37		TAS		13.2	0.89	a_e	mb	5.0
BRG	78.64		pP	20:13:05.232						T__				m_e		
BSEG	77.56		P	20:12:34.139	0.2	36.5		5.37		TAS		35.2	0.83	m_e	mb	5.5
BSEG	77.56		pP	20:12:59.759						T__				m_e		
BUG	80.67		P	20:12:50.683	-0.4	36.5		5.37		TAS		26.2	0.89	m_e	mb	5.3
BUG	80.67		pP	20:13:16.261						T__				m_e		
CLL	78.67		P	20:12:39.664	0.0	36.5		5.37		TAS		32.9	0.94	m_e	mb	5.3
CLL	78.67		pP	20:13:05.067						T__				m_e		
CLZ	79.23		P	20:12:43.391	0.2	36.5		5.37		TAS		33.4	0.89	m_e	mb	5.4
CLZ	79.23		pP	20:13:09.206						T__				m_e		
FLT1	78.52		P	20:12:38.768	-0.2	36.5		5.37		TAS		37.3	0.84	m_e	mb	5.4
FLT1	78.52		pP	20:13:04.367						T__				m_e		
FUR	81.85		P	20:12:57.145	0.3	36.5		5.37		TAS		45.8	0.82	a_e	mb	5.6
FUR	81.85		pP	20:13:23.120						T__				m_e		
GEC2	80.33		P	20:12:48.942	-0.1	36.5		5.37		TAS		10.2	0.85	m_e	mb	4.8
GOR1	77.97		P	20:12:36.395	0.2	36.5		5.37		TAS		24.2	0.97	a_e	mb	5.3
GRA1	80.64		P	20:12:51.246	0.3	36.5		5.37		TAS		50.2	0.90	m_e	mb	5.5
GRA1	80.64		pP	20:13:16.629						T__				m_e		
GRA1	80.64		L	20:52:55.986						T__		116.6	19.50	a_e	Ms	4.2
GTTG	79.62		P	20:12:45.373	-0.0	36.5		5.37		TAS		29.9	0.91	m_e	mb	5.2
IBBN	79.79		P	20:12:46.020	-0.5	36.5		5.37		TAS		45.7	0.82	m_e	mb	5.4
IBBN	79.79		pP	20:13:11.878						T__				m_e		
KAST	80.46		P	20:12:49.662	-0.2	36.5		5.37		TAS		16.1	0.95	m_e	mb	4.9
MANZ	80.06		P	20:12:47.678	0.4	36.5		5.37		TAS		4.5	0.96	m_e	mb	4.4
MANZ	80.06		pP	20:13:12.780						T__				m_e		
MOX	79.73		P	20:12:45.737	0.1	36.5		5.37		TAS		35.2	1.39	m_e	mb	5.1
MOX	79.73		pP	20:13:11.185						T__				m_e		
MOX	79.73		L	20:47:21.703						T__		143.7	18.50	a_e	Ms	4.3
NEUB	79.23		P	20:12:42.847	-0.2	36.5		5.37		TAS		39.6	0.85	m_e	mb	5.5
NEUB	79.23		pP	20:13:08.574						T__				m_e		
NRDL	78.80		P	20:12:40.702	-0.1	36.5		5.37		TAS		14.6	0.88	m_e	mb	5.0
PLN	79.65		P	20:12:45.222	-0.1	36.5		5.37		TAS		8.4	0.81	m_e	mb	4.7
PLN	79.65		pP	20:13:10.843						T__				m_e		

RETH	78.87	P	20:12:41.215	0.0	36.5	5.37	TAS	34.4	1.16	m_e	mb	5.3
RETH	78.87	pP	20:13:06.943				T__			m_e		
RGN	76.00	P	20:12:25.583	-0.1	36.5	5.37	TAS	44.2	0.88	m_e	mb	5.6
RJOB	81.58	P	20:12:55.995	-0.5	36.5	5.37	TAS	26.5	0.93	a_e	mb	5.4
ROTZ	80.20	P	20:12:48.655	0.0	36.5	5.37	TAS	6.0	1.09	m_e	mb	4.4
ROTZ	80.20	pP	20:13:13.778				T__			m_e		
RUE	77.45	P	20:12:33.346	0.1	36.5	5.37	TAS	21.9	0.81	m_e	mb	5.3
STU	82.17	P	20:12:58.733	-0.3	36.5	5.37	TAS	97.4	0.84	m_e	mb	6.0
STU	82.17	pP	20:13:24.590				T__			m_e		
TANN	79.59	P	20:12:44.869	0.1	36.5	5.37	TAS	50.6	2.04	m_e	mb	5.1
TANN	79.59	pP	20:13:10.684				T__			m_e		
TNS	81.26	P	20:12:53.981	0.1	36.5	5.37	TAS	22.3	0.98	m_e	mb	5.2
TNS	81.26	pP	20:13:19.861				T__			m_e		
UBBA	80.20	P	20:12:47.941	0.0	36.5	5.37	TAS	8.6	0.88	m_e	mb	4.7
UBBA	80.20	pP	20:13:13.885				T__			m_e		
UBR	82.71	P	20:13:01.201		36.5	5.37	TAS	7.5	1.00	m_e	mb	4.9
WET	80.43	P	20:12:49.795	-0.0	36.5	5.37	TAS	18.5	1.10	a_e	mb	4.9
WET	80.43	pP	20:13:15.403				T__			m_e		
WLF	82.55	P	20:13:00.821	0.6	36.5	5.37	TAS	9.3	0.79	m_e	mb	5.1

Event 80507001 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/07	08:08:20.00			-20.8200	172.2700				33.0					144.18	149.66	m i ke	NEIC
80507040																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.2		BGR	80507007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	149.66		L	09:33:33.317						T__		432.1	21.90	a_e	Ms	5.2
BRG	145.51		PKPbc	08:27:57.965		34.4		2.99		TAS				m_e		
BSEG	144.18		L	09:30:14.725						T__		514.6	22.00	a_e	Ms	5.3
BUG	147.26		PKPbc	08:28:01.374		34.4		2.99		TAS				m_e		
CLL	145.51		PKPbc	08:27:57.965		34.4		2.99		TAS				m_e		
CLL	145.51		L	09:33:46.428						T__		313.7	21.30	a_e	Ms	5.1
CLZ	145.97		PKPbc	08:27:59.851		34.4		2.99		TAS				m_e		
FLT1	145.28		PKPbc	08:27:57.294		34.4		2.99		TAS				m_e		
FUR	148.72		L	09:34:36.712						T__		412.7	21.50	a_e	Ms	5.2
GEC2	147.20		PKPbc	08:28:01.738		34.4		2.99		TAS				m_e		
GEC2	147.20		L	09:34:32.270						T__		461.7	21.10	a_e	Ms	5.2
GRA1	147.49		PKPbc	08:28:09.198		34.4		2.99		TAS				m_e		
GRA1	147.49		L	09:34:53.896						T__		423.2	21.70	a_e	Ms	5.2
GTTG	146.36		PKPbc	08:27:59.230		34.4		2.99		TAS				m_e		
IBBN	146.35		PKPbc	08:27:58.583		34.4		2.99		TAS				m_e		
KAST	147.14		PKPbc	08:28:02.188		34.4		2.99		TAS				m_e		

MANZ	146.92	PKPbc	08:28:01.068	34.4	2.99	TAS											m_e
MOX	146.56	PKPbc	08:28:00.856	34.4	2.99	TAS											m_e
MOX	146.56	L	09:37:57.015			T__					353.9	21.10	a_e Ms				5.1
NEUB	146.05	PKPbc	08:27:58.742	34.4	2.99	TAS											m_e
NRDL	145.50	PKPbc	08:27:57.243	34.4	2.99	TAS											m_e
RJOB	148.44	PKPbc	08:28:08.994	34.4	2.99	TAS											m_e
ROTZ	147.06	PKPbc	08:28:03.007	34.4	2.99	TAS											m_e
TANN	146.44	PKPbc	08:28:00.067	34.4	2.99	TAS											m_e
TNS	147.99	PKPbc	08:28:04.494	34.4	2.99	TAS											m_e
TNS	147.99	L	09:33:04.343			T__					516.1	21.90	a_e Ms				5.3
UBBA	146.97	PKPbc	08:28:02.037	34.4	2.99	TAS											m_e
WET	147.30	L	09:38:28.027			T__					368.4	20.80	a_e Ms				5.1

Event 80507002 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/07	19:25:39.90			-20.7600	-174.2800				10.0			29		146.69	152.91	m i ke	NEIC
	80507041																

Magnitude	Err	Nsta	Author	OrigID
Ms	4.4		BGR	80507008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.26		PKPbc	19:45:32.327	0.4	10.6		2.42		TAS					a_e
BFO	152.41		PKPbc	19:45:37.127		10.6		2.42		TAS					a_e
BRG	149.26		PKPbc	19:45:30.167	-0.0	10.6		2.42		TAS					m_e
BSEG	146.69		PKPbc	19:45:23.138	-0.3	10.6		2.42		TAS					m_e
BUG	149.36		PKPbc	19:45:29.827	0.2	10.6		2.42		TAS					m_e
CLL	148.98		PKPbc	19:45:29.127	0.2	10.6		2.42		TAS					m_e
CLZ	148.77		PKPbc	19:45:28.877	-0.1	10.6		2.42		TAS					a_e
FLT1	148.20		PKPbc	19:45:26.877	0.2	10.6		2.42		TAS					a_e
FUR	152.30		PKPbc	19:45:37.132		10.6		2.42		TAS					m_e
GEC2	151.26		PKPbc	19:45:34.918	-0.5	10.6		2.42		TAS					m_e
GOR1	147.54		PKPbc	19:45:25.720	-0.1	10.6		2.42		TAS					m_e
GRA1	150.80		L	20:50:37.357						T__		66.0	19.90	a_e Ms	4.4
GTTG	149.09		PKPbc	19:45:29.635	0.1	10.6		2.42		TAS					m_e
IBBN	148.47		PKPbc	19:45:27.827	0.3	10.6		2.42		TAS					a_e
KAST	149.54		PKPbc	19:45:30.627	0.1	10.6		2.42		TAS					m_e
MANZ	150.40		PKPbc	19:45:33.007	-0.0	10.6		2.42		TAS					m_e
MOX	149.82		PKPbc	19:45:31.294	0.3	10.6		2.42		TAS					m_e
MOX	149.82		L	21:06:17.113						T__		63.1	19.00	a_e Ms	4.4
NEUB	149.26		PKPbc	19:45:30.017	0.1	10.6		2.42		TAS					m_e
NRDL	148.14		PKPbc	19:45:27.011	-0.1	10.6		2.42		TAS					m_e
PLN	149.90		PKPbc	19:45:31.577	0.4	10.6		2.42		TAS					a_e
RETH	147.96		PKPbc	19:45:26.393	-0.2	10.6		2.42		TAS					m_e
RJOB	152.49		PKPbc	19:45:37.285		10.6		2.42		TAS					m_e

./bull1805.txt Fri Oct 02 12:46:01 2020 20

ROTZ	150.60	PKPbc	19:45:33.277	0.0	10.6	2.42	TAS	a_e
RUE	147.73	PKPbc	19:45:26.014	-0.3	10.6	2.42	TAS	m_e
TANN	149.93	PKPbc	19:45:31.838	0.2	10.6	2.42	TAS	m_e
TNS	150.52	PKPbc	19:45:33.303	0.5	10.6	2.42	TAS	m_e
UBBA	149.81	PKPbc	19:45:31.230	0.2	10.6	2.42	TAS	m_e
UBR	152.91	PKPbc	19:45:38.153		10.6	2.42	TAS	m_e
WET	151.11	PKPbc	19:45:34.402	-0.5	10.6	2.42	TAS	m_e
WLF	151.16	PKPbc	19:45:35.067	-0.3	10.6	2.42	TAS	m_e

Event 80508001 New Caledonia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/08	04:30:34.89			-22.0990	166.9470				433.0					144.39	148.42	m i ke	IDCSEL3
80508039																	

Magnitude	Err	Nsta	Author	OrigID
Ms	3.9		BGR	80508007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	144.39		PKPbc	04:49:17.944		43.6		2.31		TAS				m_e	
BUG	146.72		PKPbc	04:49:24.970		43.6		2.31		TAS				m_e	
CLL	144.50		PKPbc	04:49:17.865		43.6		2.31		TAS				m_e	
FLT1	144.50		PKPbc	04:49:17.046		43.6		2.31		TAS				m_e	
GEC2	145.88		PKPbc	04:49:22.862		43.6		2.31		TAS				m_e	
GRA1	146.46		PKPbc	04:49:28.528		43.6		2.31		TAS				m_e	
GRA1	146.46		L	06:01:43.149						T__		25.4	21.40	a_e Ms	4.0
MOX	145.59		L	06:01:29.758						T__		19.0	21.80	a_e Ms	3.8
TANN	145.38		PKPbc	04:49:21.366		43.6		2.31		TAS				m_e	
TNS	147.24		PKPbc	04:49:26.350		43.6		2.31		TAS				m_e	
UBR	148.42		PKPbc	04:49:29.314		43.6		2.31		TAS				m_e	
WET	146.08		PKPbc	04:49:23.388		43.6		2.31		TAS				m_e	

Event 80508002 South of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/08	08:14:09.35			54.9740	-149.2660				33.0				20	70.16	75.94	m i ke	BGR
80508008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	80508008
Ms	4.8		BGR	80508008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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BFO	75.36	P	08:25:48.710		348.5		5.84	TAS	15.1	1.15	m_e	mb	4.9
BFO	75.36	L	09:00:23.594					T__	665.4	18.30	a_e	Ms	5.0
BRG	73.60	P	08:25:37.334		348.5		5.84	TAS	8.6	0.78	m_e	mb	4.8
BSEG	70.16	L	08:56:45.976					T__	534.3	20.10	a_e	Ms	4.8
BUG	72.17	P	08:25:28.129	0.8	348.5		5.84	TAS	39.6	0.69	m_e	mb	5.7
CLL	73.06	P	08:25:34.200	-0.1	348.5		5.84	TAS	8.0	0.67	m_e	mb	5.0
CLL	73.06	L	08:56:46.433					T__	528.9	21.80	a_e	Ms	4.8
CLZ	72.21	P	08:25:29.182	-0.6	348.5		5.84	TAS	13.0	0.78	m_e	mb	5.1
FLT1	71.85	P	08:25:27.259	-0.8	348.5		5.84	TAS	8.8	0.67	m_e	mb	5.0
FUR	75.94	L	09:05:02.780					T__	395.0	19.10	a_e	Ms	4.7
GEC2	75.57	P	08:25:48.762		348.5		5.84	TAS	8.2	0.67	m_e	mb	5.0
GEC2	75.57	L	08:58:00.324					T__	498.7	21.80	a_e	Ms	4.8
GRA1	74.43	P	08:25:42.485		348.5		5.84	TAS	11.3	0.68	m_e	mb	5.0
GRA1	74.43	L	09:03:25.304					T__	338.7	18.80	a_e	Ms	4.7
GTTG	72.45	P	08:25:31.387	-0.2	348.5		5.84	TAS	16.5	0.74	m_e	mb	5.2
IBBN	71.40	P	08:25:25.048	-0.3	348.5		5.84	TAS	18.6	0.55	m_e	mb	5.4
KAST	72.57	P	08:25:30.723	-0.2	348.5		5.84	TAS	7.8	0.70	m_e	mb	4.9
MOX	73.55	P	08:25:36.660	-0.3	348.5		5.84	TAS	10.7	0.66	m_e	mb	5.0
MOX	73.55	L	09:00:40.944					T__	381.7	18.50	a_e	Ms	4.7
NEUB	73.03	P	08:25:34.887	0.0	348.5		5.84	TAS	16.7	0.60	m_e	mb	5.3
NRDL	71.54	P	08:25:25.866	0.5	348.5		5.84	TAS	20.0	1.32	m_e	mb	5.1
PLN	73.77	P	08:25:38.410		348.5		5.84	TAS	8.0	0.68	m_e	mb	4.9
ROTZ	74.48	P	08:25:42.579		348.5		5.84	TAS	2.7	0.70	m_e	mb	4.4
RUE	72.00	P	08:25:28.857	-0.2	348.5		5.84	TAS	31.7	0.55	m_e	mb	5.7
TANN	73.88	P	08:25:38.793		348.5		5.84	TAS	6.5	0.89	m_e	mb	4.7
TNS	73.53	L	08:59:17.135					T__	577.6	19.60	a_e	Ms	4.9
UBBA	73.17	P	08:25:35.798	-0.0	348.5		5.84	TAS	6.2	1.01	m_e	mb	4.7
WET	75.18	P	08:25:46.741		348.5		5.84	TAS	6.2	0.72	m_e	mb	4.7
WET	75.18	L	08:58:01.658					T__	392.9	21.50	a_e	Ms	4.7

Event 80508003 Southeastern Afghanistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/08	18:17:55.11			31.9180	67.7640				33.0			23		43.52	48.50	m i ke	BGR
80508009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	80508009
Ms	3.8		BGR	80508009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	47.87		P	18:26:28.938	0.5	91.2		7.94		TAS		18.9	1.20	m_e	mb	5.1
BFO	47.12		P	18:26:22.284		91.2		7.94		TAS		10.0	1.03	m_e	mb	4.9
BRG	43.52		P	18:25:54.444	0.5	91.2		7.94		TAS		16.6	0.93	m_e	mb	4.7
BSEG	45.98		P	18:26:13.378	0.3	91.2		7.94		TAS		24.1	0.96	m_e	mb	5.2
BSEG	45.98		L	18:47:02.849						T__		200.5	20.40	a_e	Ms	4.1

./bull1805.txt

Fri Oct 02 12:46:01 2020

22

BUG	47.74	P	18:26:27.591	0.1	91.2	7.94	TAS	25.5	1.14	a_e	mb	5.3
CLL	44.15	P	18:25:58.595	-0.1	91.2	7.94	TAS	9.4	1.03	m_e	mb	4.5
CLL	44.15	L	18:45:47.134				T__	133.0	19.30	a_e	Ms	3.9
CLZ	45.82	P	18:26:12.360	-0.6	91.2	7.94	TAS	23.9	1.17	m_e	mb	5.1
FLT1	45.31	P	18:26:07.901	-0.3	91.2	7.94	TAS	32.1	0.77	m_e	mb	5.3
GEC2	43.56	P	18:25:54.587		91.2	7.94	TAS	16.0	1.00	m_e	mb	4.7
GEC2	43.56	L	18:45:36.199				T__	112.9	18.70	a_e	Ms	3.8
GOR1	45.32	P	18:26:08.248	-0.4	91.2	7.94	TAS	33.1	1.19	m_e	mb	5.1
GRA1	45.21	P	18:26:08.433		91.2	7.94	TAS	33.7	0.92	m_e	mb	5.3
GRA1	45.21	L	18:43:40.392				T__	87.0	20.20	a_e	Ms	3.7
GTTG	46.06	P	18:26:14.468	0.0	91.2	7.94	TAS	31.1	1.09	m_e	mb	5.3
IBBN	47.45	P	18:26:25.144	0.0	91.2	7.94	TAS	39.7	1.03	m_e	mb	5.5
MANZ	44.64	P	18:26:03.931		91.2	7.94	TAS	7.7	1.12	m_e	mb	4.5
MOX	44.98	P	18:26:06.167	0.4	91.2	7.94	TAS	19.5	1.13	m_e	mb	4.9
MOX	44.98	L	18:48:03.209				T__	120.4	18.30	a_e	Ms	3.9
NEUB	44.91	P	18:26:04.834	0.1	91.2	7.94	TAS	27.5	0.91	m_e	mb	5.2
NRDL	46.01	P	18:26:14.111	-0.4	91.2	7.94	TAS	18.1	1.00	m_e	mb	5.1
PLN	44.63	P	18:26:03.541	-0.2	91.2	7.94	TAS	9.5	0.99	a_e	mb	4.7
ROTZ	44.57	P	18:26:03.366		91.2	7.94	TAS	3.6	0.93	m_e	mb	4.3
RUE	43.77	P	18:25:55.591	-0.1	91.2	7.94	TAS	48.1	0.90	m_e	mb	5.2
TANN	44.43	P	18:26:01.869	-0.7	91.2	7.94	TAS	12.3	1.20	m_e	mb	4.5
TNS	47.00	L	18:49:25.450				T__	116.6	18.80	a_e	Ms	3.9
UBR	45.95	P	18:26:13.591		91.2	7.94	TAS	23.6	1.07	a_e	mb	5.1
WET	44.11	L	18:47:38.333				T__	93.4	18.50	a_e	Ms	3.7
WLF	48.50	P	18:26:34.441		91.2	7.94	TAS	15.7	0.97	m_e	mb	5.1

Event 80510025 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/10	07:12:04.84			30.3220	51.6430				33.0					35.95	35.95	m i ke	BGR
80510031																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	80510031

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	35.95		P	07:19:02.180		111.0		9.33		TAS		4.9	0.83	m_e	mb	4.4

Event 80510026 Northern Molucca Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/10	08:39:48.10			0.9160	126.1570				10.0					104.61	105.17	m i ke	NEIC
80510065																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.8		BGR	80510032

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	105.17		Pdiff	08:53:55.335		69.9		3.53		TAS				m_e	
GRA1	105.17		PP	08:58:19.321		75.6		6.96		TAS				m_e	
GRA1	105.17		L	09:45:14.561						T__		168.4	22.00	a_e Ms	4.5
MOX	104.61		L	09:44:27.233						T__		389.9	18.90	a_e Ms	5.0

Event 80510028 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/10	11:57:19.37			14.1200	123.5500				29.1	1.6		28		90.51	96.08	m i ke	BGR
	80510034																

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	80510034
Ms	5.3		BGR	80510034

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	91.07		P	12:10:19.325	0.0	64.0		4.59		TAS		43.1	1.58	a_e mb	5.5
BSEG	91.76		P	12:10:22.425	-0.1	64.0		4.59		TAS		33.8	1.21	a_e mb	5.5
BUG	94.58		P	12:10:35.075	-0.3	64.0		4.59		TAS		37.2	1.18	a_e mb	5.7
CLL	91.43		P	12:10:20.625	-0.3	64.0		4.59		TAS		26.9	1.25	a_e mb	5.4
CLL	91.43		pP	12:10:29.623	2.0					T__				m_e	
CLZ	92.68		P	12:10:26.975	0.3	64.0		4.59		TAS		40.0	1.25	a_e mb	5.7
FLT1	91.99		P	12:10:22.925	-0.6	64.0		4.59		TAS		23.7	1.12	a_e mb	5.4
FUR	93.79		P	12:10:31.875	0.1	64.0		4.59		TAS		49.5	1.10	a_e mb	5.8
GEC2	92.04		P	12:10:23.725	-0.0	64.0		4.59		TAS		30.3	1.20	m_e mb	5.5
GOR1	91.66		P	12:10:22.225	0.2	64.0		4.59		TAS		49.6	1.19	a_e mb	5.7
GRA1	93.15		P	12:10:29.125	0.3	64.0		4.59		TAS		25.4	1.30	a_e mb	5.5
GRA1	93.15		pP	12:10:37.313	2.0					T__				m_e	
GRA1	93.15		L	12:56:50.313						T__		1182.9	20.60	a_e Ms	5.3
GTTG	93.04		P	12:10:28.425	0.1	64.0		4.59		TAS		40.9	1.19	a_e mb	5.7
IBBN	93.89		P	12:10:32.125	-0.1	64.0		4.59		TAS		45.2	1.29	a_e mb	5.6
IBBN	93.89		pP	12:10:40.482	2.0					T__				m_e	
KAST	94.06		P	12:10:33.125	0.1	64.0		4.59		TAS		28.1	1.38	a_e mb	5.4
MANZ	92.51		P	12:10:26.198	0.3	64.0		4.59		TAS		7.5	1.45	m_e mb	4.9
MOX	92.51		P	12:10:25.875	-0.0	64.0		4.59		TAS		33.9	1.43	m_e mb	5.6
MOX	92.51		L	12:58:32.729						T__		1102.2	19.20	a_e Ms	5.3
NEUB	92.18		P	12:10:24.225	-0.2	64.0		4.59		TAS		84.2	1.58	a_e mb	5.8
NRDL	92.53		P	12:10:26.325	0.3	64.0		4.59		TAS		47.8	1.74	a_e mb	5.6
NRDL	92.53		pP	12:10:34.550	2.0					T__				m_e	
PLN	92.27		P	12:10:24.775	-0.0	64.0		4.59		TAS		28.0	1.39	a_e mb	5.4
RETH	92.82		P	12:10:27.325	-0.0	64.0		4.59		TAS		193.8	2.64	a_e mb	6.1

RJOB	93.05	P	12:10:28.125	-0.3	64.0	4.59	TAS	29.5	1.10	a_e	mb	5.6
ROTZ	92.55	P	12:10:26.375	0.3	64.0	4.59	TAS	8.3	1.40	a_e	mb	5.0
RUE	90.51	P	12:10:16.725	-0.0	64.0	4.59	TAS	54.5	1.22	a_e	mb	5.7
TANN	92.12	P	12:10:24.125	0.0	64.0	4.59	TAS	25.0	1.36	a_e	mb	5.4
TANN	92.12	pP	12:10:32.523	2.0			T__				m_e	
TNS	94.51	P	12:10:35.125	0.1	64.0	4.59	TAS	23.8	1.28	a_e	mb	5.5
UBBA	93.35	P	12:10:29.775	0.0	64.0	4.59	TAS	47.8	1.88	a_e	mb	5.6
UBR	94.71	P	12:10:35.575	-0.4	64.0	4.59	TAS	32.1	1.14	a_e	mb	5.6
WET	92.41	P	12:10:25.675	0.2	64.0	4.59	TAS	68.8	2.11	a_e	mb	5.6
WLF	96.08	P	12:10:42.475	0.2	64.0	4.59	TAS	40.2	1.13	a_e	mb	5.9
WLF	96.08	pP	12:10:51.444	2.0			T__				m_e	

Event 80510029 Hindu Kush, Afghanistan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/10	14:08:38.23			35.9810	70.8960				204.7	5.9		18		42.88	47.97	m i ke	BGR
80510035																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	80510035

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	47.26		pP	14:17:32.587	-0.1	84.3		8.05		TAS				m_e		
BFO	46.76		sP	14:17:52.859		84.7		8.03		TAS				m_e		
BRG	42.88		P	14:16:13.866	0.4	84.4		7.90		TAS		14.2	0.70	m_e	mb	4.8
BRG	42.88		pP	14:16:57.581	0.0	84.3		8.05		TAS				m_e		
BRG	42.88		sP	14:17:21.799		84.7		8.03		TAS				m_e		
BSEG	44.98		P	14:16:30.671	-0.9	84.4		7.90		TAS		21.7	0.63	m_e	mb	5.2
BSEG	44.98		pP	14:17:14.244	0.5	84.3		8.05		TAS				m_e		
BUG	47.02		pP	14:17:30.672	-0.2	84.3		8.05		TAS				m_e		
BUG	47.02		sP	14:17:54.843		84.7		8.03		TAS				m_e		
CLL	43.45		P	14:16:18.101	-0.2	84.4		7.90		TAS		7.7	0.74	m_e	mb	4.5
CLL	43.45		pP	14:17:01.672	0.0	84.3		8.05		TAS				m_e		
CLZ	45.06		P	14:16:31.117	-0.1	84.4		7.90		TAS		8.9	0.67	m_e	mb	4.8
CLZ	45.06		pP	14:17:15.318	-0.7	84.3		8.05		TAS				m_e		
FLT1	44.50		P	14:16:26.162	-0.2	84.4		7.90		TAS		32.7	0.59	m_e	mb	5.2
FLT1	44.50		pP	14:17:09.763	-0.1	84.3		8.05		TAS				m_e		
FUR	44.84		P	14:16:29.809		84.4		7.90		TAS		23.0	1.10	m_e	mb	5.0
FUR	44.84		pP	14:17:13.716		84.3		8.05		TAS				m_e		
GEC2	43.16		pP	14:17:00.439		84.3		8.05		TAS				m_e		
GOR1	44.43		pP	14:17:09.688	0.4	84.3		8.05		TAS				m_e		
GOR1	44.43		sP	14:17:33.950	-0.1	84.7		8.03		TAS				m_e		
GRA1	44.70		pP	14:17:13.401		84.3		8.05		TAS				m_e		
GTTG	45.34		P	14:16:33.355	-0.1	84.4		7.90		TAS		16.6	0.71	m_e	mb	5.1
GTTG	45.34		pP	14:17:17.343	-0.2	84.3		8.05		TAS				m_e		
IBBN	46.63		P	14:16:42.290	-0.3	84.4		7.90		TAS		16.7	0.75	m_e	mb	5.2

Station	Mag	Phase	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
IBBN	46.63	pP	14:17:27.375	0.2	84.3															
IBBN	46.63	sP	14:17:51.540	-0.2	84.7															
MANZ	44.11	P	14:16:23.725		84.4							1.4	0.87			m_e	mb		3.7	
MANZ	44.11	pP	14:17:08.051	0.4	84.3															
MANZ	44.11	sP	14:17:32.212		84.7															
MOX	44.37	pP	14:17:09.867	-0.0	84.3															
NEUB	44.23	P	14:16:24.352	0.3	84.4							16.1	0.81			m_e	mb		4.8	
NEUB	44.23	pP	14:17:08.463	-0.7	84.3															
NRDL	45.18	P	14:16:32.029	0.1	84.4							10.1	0.71			m_e	mb		4.9	
NRDL	45.18	pP	14:17:16.178	-0.1	84.3															
PLN	44.04	P	14:16:23.088		84.4							5.2	0.82			m_e	mb		4.3	
PLN	44.04	pP	14:17:06.481	0.8	84.3															
PLN	44.04	sP	14:17:31.004		84.7															
RETH	45.62	pP	14:17:19.689	-0.3	84.3															
ROTZ	44.06	P	14:16:23.367		84.4							1.6	1.18			m_e	mb		3.6	
ROTZ	44.06	pP	14:17:07.419	0.2	84.3															
RUE	42.94	pP	14:16:57.539	-0.7	84.3															
STU	46.13	P	14:16:40.097		84.4							29.7	0.96			m_e	mb		5.3	
STU	46.13	pP	14:17:24.455		84.3															
TNS	46.43	P	14:16:42.059		84.4							5.5	0.82			m_e	mb		4.6	
TNS	46.43	pP	14:17:26.471	0.3	84.3															
UBBA	45.38	P	14:16:33.586	0.5	84.4							6.7	0.65			m_e	mb		4.7	
UBR	45.68	P	14:16:36.488		84.4							20.3	1.20			m_e	mb		5.0	
UBR	45.68	pP	14:17:19.954		84.3															
WET	43.68	P	14:16:20.256		84.4							2.8	0.92			m_e	mb		4.0	
WET	43.68	pP	14:17:04.568		84.3															
WLF	47.97	P	14:16:54.110		84.4							25.1	1.22			m_e	mb		5.2	
WLF	47.97	pP	14:17:38.757	-0.3	84.3															
WLF	47.97	sP	14:18:03.186		84.7															

Event 80510030 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/10	15:36:47.12			35.8900	60.6000				33.0			26		36.42	41.37	m i ke	BGR
80510036																	

Magnitude Err Nsta Author OrigID
mb 4.6 BGR 80510036

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	40.76		P	15:44:25.872		93.4		8.43		TAS		9.7	0.86	m_e	mb 4.6
BFO	39.98		P	15:44:18.084	-0.1	93.4		8.43		TAS		5.5	0.95	m_e	mb 4.2
BRG	36.42		P	15:43:49.062	-0.1	93.4		8.43		TAS		16.4	0.89	m_e	mb 4.9
BSEG	38.97		P	15:44:10.298	0.6	93.4		8.43		TAS		30.2	1.09	m_e	mb 4.8
BUG	40.65		P	15:44:24.671		93.4		8.43		TAS		13.1	0.81	m_e	mb 4.7
CLL	37.06		P	15:43:54.055	-0.2	93.4		8.43		TAS		6.9	0.86	m_e	mb 4.4

CLZ	38.74	P	15:44:08.623	0.0	93.4	8.43	TAS	15.6	0.86	m_e	mb	4.7
FLT1	38.25	P	15:44:03.667	-0.7	93.4	8.43	TAS	24.3	0.89	m_e	mb	4.9
GEC2	36.42	P	15:43:48.538	-0.6	93.4	8.43	TAS	4.4	0.95	m_e	mb	4.3
GOR1	38.27	P	15:44:05.014	0.7	93.4	8.43	TAS	32.3	1.21	m_e	mb	4.9
GRA1	38.08	P	15:44:04.263	0.1	93.4	8.43	TAS	16.0	1.19	m_e	mb	4.6
GTTG	38.97	P	15:44:10.727	0.1	93.4	8.43	TAS	20.9	0.86	m_e	mb	4.8
IBBN	40.38	P	15:44:21.961	-0.4	93.4	8.43	TAS	13.9	0.85	m_e	mb	4.6
KAST	39.92	P	15:44:18.502	-0.0	93.4	8.43	TAS	3.5	0.98	m_e	mb	4.0
MANZ	37.52	P	15:43:58.546	0.1	93.4	8.43	TAS	2.7	1.16	m_e	mb	3.9
MOX	37.88	P	15:44:01.354	0.0	93.4	8.43	TAS	27.0	0.97	m_e	mb	4.9
NEUB	37.82	P	15:44:00.923	-0.1	93.4	8.43	TAS	35.6	1.05	m_e	mb	5.0
PLN	37.52	P	15:43:58.472	0.3	93.4	8.43	TAS	17.0	0.95	m_e	mb	4.8
RETH	39.42	P	15:44:13.942	-0.2	93.4	8.43	TAS	7.6	0.96	m_e	mb	4.3
RJOB	36.99	P	15:43:53.462		93.4	8.43	TAS	9.6	0.84	m_e	mb	4.6
ROTZ	37.45	P	15:43:57.738	1.2	93.4	8.43	TAS	0.7	0.91	m_e	mb	3.4
RUE	36.72	P	15:43:51.047	-0.3	93.4	8.43	TAS	27.4	0.91	m_e	mb	5.0
STU	39.40	P	15:44:14.060	0.3	93.4	8.43	TAS	25.3	0.72	m_e	mb	4.9
TANN	37.32	P	15:43:56.933	0.1	93.4	8.43	TAS	13.7	1.02	m_e	mb	4.6
TNS	39.88	P	15:44:18.663	-0.0	93.4	8.43	TAS	8.4	0.79	m_e	mb	4.4
UBBA	38.91	P	15:44:10.102	-0.1	93.4	8.43	TAS	5.6	0.81	m_e	mb	4.2
UBR	38.80	P	15:44:08.288		93.4	8.43	TAS	12.5	1.00	m_e	mb	4.5
WLF	41.37	P	15:44:30.953	-0.3	93.4	8.43	TAS	28.1	1.23	m_e	mb	4.9

Event 80511010 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/11	04:58:23.46			57.4800	-157.0600				92.6	1.5		31		68.47	74.81	m i ke	BGR
80511016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	80511016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	71.55		P	05:09:34.109	0.1	353.6		6.00		TAS		35.2	1.15	a_e	mb	5.4
BFO	73.86		P	05:09:47.609	-0.2	353.6		6.00		TAS		22.0	0.98	a_e	mb	5.1
BRG	71.76		P	05:09:35.209	-0.0	353.6		6.00		TAS		28.3	1.08	a_e	mb	5.3
BRG	71.76		pP	05:09:59.001	23.3					T__				m_e		
BSEG	68.47		P	05:09:15.309	0.0	353.6		6.00		TAS		35.4	1.02	a_e	mb	5.5
BUG	70.68		P	05:09:28.459	-0.3	353.6		6.00		TAS		50.9	0.93	a_e	mb	5.6
CLL	71.27		P	05:09:31.959	0.1	353.6		6.00		TAS		27.0	1.12	a_e	mb	5.3
CLL	71.27		pP	05:09:55.982	23.3					T__				m_e		
CLZ	70.55		P	05:09:28.459	0.0	353.6		6.00		TAS		47.8	1.06	a_e	mb	5.6
FLT1	70.13		P	05:09:24.859	0.4	353.6		6.00		TAS		28.4	1.08	a_e	mb	5.3
FUR	74.28		P	05:09:50.259		353.6		6.00		TAS		31.4	0.82	a_e	mb	5.4
GEC2	73.77		P	05:09:47.259	-0.2	353.6		6.00		TAS		16.1	0.77	a_e	mb	5.1
GOR1	69.48		P	05:09:21.759	-0.0	353.6		6.00		TAS		33.8	1.20	a_e	mb	5.5

GRA1	72.76	P	05:09:41.509	0.0	353.6	6.00	TAS	18.4	0.83	a_e	mb	5.2
GRA1	72.76	pP	05:10:04.891	23.3			T__				m_e	
GTTG	70.82	P	05:09:29.909	-0.1	353.6	6.00	TAS	66.6	1.07	a_e	mb	5.7
IBBN	69.87	P	05:09:23.909	-0.7	353.6	6.00	TAS	49.9	1.01	a_e	mb	5.6
KAST	71.02	P	05:09:30.859	0.1	353.6	6.00	TAS	26.6	0.90	a_e	mb	5.4
MANZ	72.53	P	05:09:39.909	0.4	353.6	6.00	TAS	3.8	1.17	a_e	mb	4.4
MOX	71.84	P	05:09:35.759	0.2	353.6	6.00	TAS	55.8	1.18	m_e	mb	5.6
MOX	71.84	pP	05:09:59.451	23.3			T__				m_e	
NEUB	71.30	P	05:09:32.409	0.0	353.6	6.00	TAS	39.1	0.89	a_e	mb	5.5
NRDL	69.89	P	05:09:23.909	0.1	353.6	6.00	TAS	36.2	0.93	a_e	mb	5.5
PLN	72.03	P	05:09:36.859	0.0	353.6	6.00	TAS	23.1	1.05	a_e	mb	5.2
RETH	69.58	P	05:09:22.259	-0.1	353.6	6.00	TAS	34.0	1.34	a_e	mb	5.3
RJOB	74.81	P	05:09:53.359		353.6	6.00	TAS	41.8	0.75	a_e	mb	5.5
ROTZ	72.75	P	05:09:41.409	-0.2	353.6	6.00	TAS	6.1	1.11	a_e	mb	4.6
RUE	70.15	P	05:09:25.609	-0.3	353.6	6.00	TAS	57.5	1.05	a_e	mb	5.6
STU	73.51	P	05:09:45.559	-0.2	353.6	6.00	TAS	74.0	1.09	a_e	mb	5.6
TANN	72.12	P	05:09:37.659	0.2	353.6	6.00	TAS	12.9	1.07	a_e	mb	5.0
TNS	72.00	P	05:09:36.759	0.4	353.6	6.00	TAS	34.3	0.99	a_e	mb	5.4
UBBA	71.54	P	05:09:34.059	0.0	353.6	6.00	TAS	11.7	1.04	a_e	mb	5.0
UBR	74.67	P	05:09:52.509		353.6	6.00	TAS	20.7	0.90	a_e	mb	5.2
WET	73.42	P	05:09:45.609	-0.3	353.6	6.00	TAS	23.5	1.21	a_e	mb	5.2
WLF	72.32	P	05:09:38.959	0.2	353.6	6.00	TAS	76.3	1.45	a_e	mb	5.6

Event 80518001 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/18	01:45:31.30			-34.6600	-178.3800				10.0			28		158.50	165.52	m i ke	EMSC
80518033																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.1		BGR	80518007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	163.64		PKPab	02:06:25.672	0.2	28.8		4.41		TAS					m_e
BFO	165.46		PKPab	02:06:33.816		28.8		4.41		TAS					m_e
BRG	161.49		PKPab	02:06:16.006	-0.5	28.8		4.41		TAS					m_e
BSEG	159.78		PKPab	02:06:08.506	-0.2	28.8		4.41		TAS					m_e
CLL	161.43		PKPab	02:06:15.240	-0.1	28.8		4.41		TAS					m_e
CLZ	161.71		PKPab	02:06:17.223	0.1	28.8		4.41		TAS					m_e
FLT1	161.04		PKPab	02:06:13.919	-0.1	28.8		4.41		TAS					m_e
FUR	164.71		PKPab	02:06:31.164		28.8		4.41		TAS					m_e
GEC2	163.24		PKPab	02:06:23.966	0.1	28.8		4.41		TAS					m_e
GOR1	160.42		PKPab	02:06:11.696	-0.1	28.8		4.41		TAS					m_e
GRA1	163.40		PKPab	02:06:25.357	-0.4	28.8		4.41		TAS					m_e
GRA1	163.40		L	03:26:04.682						T__	2136.1	19.40		a_e Ms	6.0
GTTG	162.08		PKPab	02:06:18.844	0.3	28.8		4.41		TAS					m_e

./bull1805.txt

Fri Oct 02 12:46:01 2020

28

IBBN	161.82	PKPab	02:06:17.607	0.3	28.8	4.41	TAS	m_e										
KAST	162.75	PKPab	02:06:21.406	0.8	28.8	4.41	TAS	m_e										
MANZ	162.86	PKPab	02:06:22.321	-0.0	28.8	4.41	TAS	m_e										
MOX	162.44	PKPab	02:06:20.639	0.0	28.8	4.41	TAS	m_e										
MOX	162.44	L	03:23:54.388				T__				2941.9	21.10	a_e Ms			6.1		
NEUB	161.91	PKPab	02:06:17.809	0.0	28.8	4.41	TAS	m_e										
NRDL	161.17	PKPab	02:06:14.614	-0.5	28.8	4.41	TAS	m_e										
PLN	162.41	PKPab	02:06:20.631	-0.4	28.8	4.41	TAS	m_e										
RETH	161.10	PKPab	02:06:14.462	-0.7	28.8	4.41	TAS	m_e										
RGN	158.50	PKPab	02:06:03.627	0.8	28.8	4.41	TAS	m_e										
RJOB	164.49	PKPab	02:06:29.917	0.1	28.8	4.41	TAS	m_e										
ROTZ	163.02	PKPab	02:06:23.550	-0.3	28.8	4.41	TAS	m_e										
TANN	162.38	PKPab	02:06:20.202	0.0	28.8	4.41	TAS	m_e										
UBBA	162.74	PKPab	02:06:21.573	0.5	28.8	4.41	TAS	m_e										
UBR	165.52	PKPab	02:06:34.109		28.8	4.41	TAS	m_e										
WET	163.31	PKPab	02:06:24.616	0.6	28.8	4.41	TAS	m_e										
WLF	164.64	PKPab	02:06:30.704		28.8	4.41	TAS	m_e										

Event 80518002 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/18	02:47:45.10			-30.3500	-177.7000				30.0			19		155.72	160.93	m i ke	EMSC
80518034																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	157.73		PKPab	03:08:10.389	-0.1	22.5		4.47		TAS					m_e
BSEG	155.72		PKPab	03:08:01.723	-0.1	22.5		4.47		TAS					m_e
CLL	157.60		PKPab	03:08:09.421	-0.1	22.5		4.47		TAS					m_e
CLZ	157.71		PKPab	03:08:10.242	-0.1	22.5		4.47		TAS					m_e
FLT1	157.07		PKPab	03:08:06.835	-0.0	22.5		4.47		TAS					m_e
FUR	160.93		PKPab	03:08:24.896		22.5		4.47		TAS					m_e
GOR1	156.44		PKPab	03:08:05.047	-0.5	22.5		4.47		TAS					m_e
GRA1	159.54		PKPab	03:08:18.783		22.5		4.47		TAS					m_e
GTTG	158.07		PKPab	03:08:11.835	-0.1	22.5		4.47		TAS					m_e
IBBN	157.70		PKPab	03:08:10.167	-0.2	22.5		4.47		TAS					m_e
MANZ	159.04		PKPab	03:08:15.980		22.5		4.47		TAS					m_e
MOX	158.56		PKPab	03:08:13.810	-0.1	22.5		4.47		TAS					m_e
NEUB	158.01		PKPab	03:08:11.424	0.5	22.5		4.47		TAS					m_e
NRDL	157.14		PKPab	03:08:07.576	0.1	22.5		4.47		TAS					m_e
PLN	158.57		PKPab	03:08:13.924		22.5		4.47		TAS					m_e
RJOB	160.85		PKPab	03:08:24.508		22.5		4.47		TAS					m_e
ROTZ	159.21		PKPab	03:08:16.991		22.5		4.47		TAS					m_e
TANN	158.55		PKPab	03:08:13.773		22.5		4.47		TAS					m_e
WET	159.58		PKPab	03:08:18.592		22.5		4.47		TAS					m_e

Event 80518004 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/18	04:51:06.40			-31.1300	-179.3900				244.0				15	156.16	161.84	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
BFO	161.84		PKPab	05:11:23.790		27.2		4.39		TAS					m_e
BRG	157.92		PKPab	05:11:06.928		27.2		4.39		TAS					m_e
BSEG	156.16		PKPab	05:10:59.126	-0.3	27.2		4.39		TAS					m_e
CLL	157.85		PKPab	05:11:06.308	-0.0	27.2		4.39		TAS					m_e
CLZ	158.09		PKPab	05:11:07.477	0.2	27.2		4.39		TAS					m_e
FLT1	157.43		PKPab	05:11:04.112	0.1	27.2		4.39		TAS					m_e
GEC2	159.71		PKPab	05:11:14.549		27.2		4.39		TAS					m_e
GTTG	158.46		PKPab	05:11:09.155	0.3	27.2		4.39		TAS					m_e
IBBN	158.20		PKPab	05:11:07.985	0.1	27.2		4.39		TAS					m_e
MANZ	159.28		PKPab	05:11:12.974		27.2		4.39		TAS					m_e
MOX	158.85		PKPab	05:11:10.780		27.2		4.39		TAS					m_e
PLN	158.83		PKPab	05:11:10.759		27.2		4.39		TAS					m_e
RJOB	160.97		PKPab	05:11:20.746		27.2		4.39		TAS					m_e
ROTZ	159.44		PKPab	05:11:13.822		27.2		4.39		TAS					m_e
TANN	158.80		PKPab	05:11:10.926		27.2		4.39		TAS					m_e

Event 80518005 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/18	06:37:01.40			-15.3900	-172.8400				10.0				8	144.65	147.41	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	4.6		BGR	80518011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.14		PKPbc	06:56:44.153		7.0		2.92		TAS					m_e
GEC2	146.21		PKPbc	06:56:41.218		7.0		2.92		TAS					m_e
GRA1	145.63		PKPbc	06:56:39.889		7.0		2.92		TAS					m_e
GRA1	145.63		L	07:16:27.477						T__		97.0	22.00	a_e Ms	4.5
MANZ	145.26		PKPbc	06:56:38.375		7.0		2.92		TAS					m_e
MOX	144.65		L	07:39:23.372						T__		93.7	18.50	a_e Ms	4.6
RJOB	147.41		PKPbc	06:56:44.878		7.0		2.92		TAS					m_e

./bull1805.txt Fri Oct 02 12:46:01 2020 30

ROTZ	145.47	PKPbc	06:56:39.057	7.0	2.92	TAS	m_e
STU	146.67	PKPbc	06:56:43.056	7.0	2.92	TAS	m_e
WET	146.01	PKPbc	06:56:40.845	7.0	2.92	TAS	m_e
WLF	145.81	PKPbc	06:56:40.828	7.0	2.92	TAS	m_e

Event 80519001 Northwest of Madagascar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/19	21:00:00.70			-12.8700	45.6400				10.0			21		67.06	72.19	m i ke	EMSC
80519033																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	80519007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	71.57		P	21:11:22.507		143.9		6.40		TAS		11.2	0.98	m_e mb	5.0
BFO	69.34		P	21:11:08.100	0.2	143.9		6.40		TAS		11.5	1.23	m_e mb	5.0
BRG	69.24		P	21:11:06.947	0.2	143.9		6.40		TAS		5.8	0.99	m_e mb	4.8
BUG	72.19		P	21:11:25.821		143.9		6.40		TAS		10.7	1.08	m_e mb	4.9
CLL	69.93		P	21:11:11.354	0.1	143.9		6.40		TAS		4.6	0.95	m_e mb	4.6
CLZ	71.31		P	21:11:20.182	0.3	143.9		6.40		TAS		5.3	1.07	m_e mb	4.6
FLT1	71.39		P	21:11:20.379		143.9		6.40		TAS		7.3	1.39	m_e mb	4.6
FUR	68.00		P	21:10:59.555	0.3	143.9		6.40		TAS		7.7	0.87	m_e mb	4.9
GEC2	67.63		P	21:10:56.822	0.1	143.9		6.40		TAS		10.8	1.05	m_e mb	5.0
GRA1	69.26		P	21:11:07.173	-0.1	143.9		6.40		TAS		8.6	1.04	m_e mb	4.9
GTTG	71.23		P	21:11:19.860	0.2	143.9		6.40		TAS		8.6	0.86	m_e mb	4.9
KAST	71.55		P	21:11:22.089		143.9		6.40		TAS		6.2	0.89	m_e mb	4.7
MANZ	69.16		P	21:11:06.153	-0.4	143.9		6.40		TAS		1.9	1.20	m_e mb	4.2
MOX	69.88		P	21:11:11.121	0.1	143.9		6.40		TAS		4.9	0.75	m_e mb	4.7
PLN	69.55		P	21:11:09.134	0.0	143.9		6.40		TAS		11.5	1.23	m_e mb	4.9
RJOB	67.06		P	21:10:52.897	-0.3	143.9		6.40		TAS		3.4	0.78	m_e mb	4.6
ROTZ	68.95		P	21:11:04.957	-0.2	143.9		6.40		TAS		3.0	1.32	m_e mb	4.4
TANN	69.38		P	21:11:08.228	0.2	143.9		6.40		TAS		13.3	1.15	m_e mb	5.1
UBR	68.09		P	21:11:00.094	0.2	143.9		6.40		TAS		16.7	1.14	m_e mb	5.2
WET	68.18		P	21:10:59.851	-0.4	143.9		6.40		TAS		4.1	1.00	m_e mb	4.6
WLF	71.29		P	21:11:20.068	-0.2	143.9		6.40		TAS		7.7	0.99	m_e mb	4.8

Event 80520001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/20	00:42:12.50			-21.0400	-174.0600				2.0			28		146.99	153.21	m i ke	EMSC
80520033																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.5		BGR	80520007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.55		PKPbc	01:02:07.287	0.4	10.3		2.39		TAS				m_e	
BFO	152.71		PKPbc	01:02:12.126		10.3		2.39		TAS				m_e	
BRG	149.57		PKPbc	01:02:05.172	0.0	10.3		2.39		TAS				m_e	
BSEG	146.99		PKPbc	01:01:58.333	0.0	10.3		2.39		TAS				m_e	
BUG	149.64		PKPbc	01:02:04.840	-0.1	10.3		2.39		TAS				m_e	
CLL	149.29		PKPbc	01:02:04.229	0.2	10.3		2.39		TAS				m_e	
CLZ	149.06		PKPbc	01:02:03.864	0.0	10.3		2.39		TAS				m_e	
FLT1	148.50		PKPbc	01:02:01.880	-0.2	10.3		2.39		TAS				m_e	
FUR	152.60		PKPbc	01:02:12.079		10.3		2.39		TAS				m_e	
GEC2	151.57		PKPbc	01:02:09.594	-0.4	10.3		2.39		TAS				m_e	
GOR1	147.84		PKPbc	01:02:00.658	-0.1	10.3		2.39		TAS				m_e	
GRA1	151.10		L	02:21:19.884						T__		739.2	18.60	a_e Ms	5.5
GTTG	149.39		PKPbc	01:02:04.417	-0.2	10.3		2.39		TAS				m_e	
IBBN	148.76		PKPbc	01:02:02.820	0.1	10.3		2.39		TAS				m_e	
KAST	149.83		PKPbc	01:02:05.274	-0.1	10.3		2.39		TAS				m_e	
MANZ	150.70		PKPbc	01:02:07.944	-0.1	10.3		2.39		TAS				m_e	
MOX	150.12		PKPbc	01:02:06.441	0.4	10.3		2.39		TAS				m_e	
MOX	150.12		L	02:15:32.148						T__		789.6	19.20	a_e Ms	5.5
NEUB	149.56		PKPbc	01:02:04.657	0.3	10.3		2.39		TAS				m_e	
NRDL	148.44		PKPbc	01:02:01.974	-0.3	10.3		2.39		TAS				m_e	
PLN	150.21		PKPbc	01:02:06.676	0.1	10.3		2.39		TAS				m_e	
RETH	148.25		PKPbc	01:02:01.645	-0.1	10.3		2.39		TAS				m_e	
RJOB	152.79		PKPbc	01:02:12.267		10.3		2.39		TAS				m_e	
ROTZ	150.91		PKPbc	01:02:08.179	-0.2	10.3		2.39		TAS				m_e	
STU	152.21		PKPbc	01:02:11.337	-0.3	10.3		2.39		TAS				m_e	
TANN	150.24		PKPbc	01:02:06.820	0.5	10.3		2.39		TAS				m_e	
UBBA	150.11		PKPbc	01:02:05.919	0.3	10.3		2.39		TAS				m_e	
UBR	153.21		PKPbc	01:02:13.149		10.3		2.39		TAS				m_e	
WET	151.41		PKPbc	01:02:09.215	0.0	10.3		2.39		TAS				m_e	
WLF	151.44		PKPbc	01:02:09.975	0.2	10.3		2.39		TAS				m_e	

Event 80520003 Northwest of Madagascar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/20	08:01:29.20			-12.8700	45.7000				30.0			32		65.39	72.69	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	80520009
Ms	4.7		BGR	80520009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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AHRW	71.59	P	08:12:47.728	0.0	143.8	6.27	TAS	33.0	1.22	m_e	mb	5.3
ARSA	65.65	P	08:12:10.647	0.6	143.8	6.27	TAS	18.0	0.79	m_e	mb	5.4
BFO	69.37	P	08:12:33.462	0.1	143.8	6.27	TAS	9.5	0.71	m_e	mb	5.1
BRG	69.26	P	08:12:32.636	-0.3	143.8	6.27	TAS	14.1	1.22	m_e	mb	5.1
BUG	72.21	P	08:12:51.278		143.8	6.27	TAS	21.3	1.16	m_e	mb	5.2
CLL	69.95	P	08:12:36.838	0.2	143.8	6.27	TAS	7.8	0.85	m_e	mb	4.9
CLZ	71.33	P	08:12:45.857	0.4	143.8	6.27	TAS	53.5	1.66	m_e	mb	5.4
DAVA	67.90	P	08:12:24.214	-0.0	143.8	6.27	TAS	77.2	1.56	m_e	mb	5.7
FLT1	71.42	P	08:12:45.724	0.2	143.8	6.27	TAS	36.3	1.64	m_e	mb	5.2
GEC2	67.65	P	08:12:22.321	-0.3	143.8	6.27	TAS	22.3	1.22	m_e	mb	5.3
GOR1	71.93	P	08:12:49.494	0.1	143.8	6.27	TAS	88.0	1.77	m_e	mb	5.6
GRA1	69.28	P	08:12:32.550	0.0	143.8	6.27	TAS	13.4	0.77	m_e	mb	5.2
GRA1	69.28	L	08:48:21.974				T__	369.4	20.00	a_e	Ms	4.6
GTTG	71.25	P	08:12:45.515	-0.4	143.8	6.27	TAS	13.1	0.77	m_e	mb	5.1
IBBN	72.69	P	08:12:54.360		143.8	6.27	TAS	23.4	1.15	m_e	mb	5.2
KAST	71.57	P	08:12:47.621	0.0	143.8	6.27	TAS	12.7	0.80	m_e	mb	5.1
KBA	66.33	P	08:12:14.592	0.2	143.8	6.27	TAS	13.0	0.85	m_e	mb	5.2
MANZ	69.19	P	08:12:31.831	0.1	143.8	6.27	TAS	6.6	1.55	m_e	mb	4.6
MOA	66.62	P	08:12:16.435	0.3	143.8	6.27	TAS	20.1	0.87	m_e	mb	5.4
MOX	69.91	P	08:12:36.616	0.1	143.8	6.27	TAS	10.1	0.69	m_e	mb	5.1
MOX	69.91	L	08:48:24.430				T__	445.9	20.10	a_e	Ms	4.7
NEUB	70.30	P	08:12:39.215	0.3	143.8	6.27	TAS	28.2	1.38	m_e	mb	5.2
NRDL	71.96	P	08:12:49.819		143.8	6.27	TAS	36.9	1.57	m_e	mb	5.3
OBKA	65.39	P	08:12:09.075	0.7	143.8	6.27	TAS			m_e		
PLN	69.58	P	08:12:34.737	-0.1	143.8	6.27	TAS	11.4	0.83	m_e	mb	5.0
RETH	72.43	P	08:12:52.567		143.8	6.27	TAS			m_e		
RJOB	67.08	P	08:12:18.473	-0.7	143.8	6.27	TAS	39.0	1.82	m_e	mb	5.3
ROTZ	68.97	P	08:12:30.346	-0.4	143.8	6.27	TAS	8.4	1.48	m_e	mb	4.8
TANN	69.41	P	08:12:33.610	-0.1	143.8	6.27	TAS	14.1	0.85	m_e	mb	5.2
UBBA	70.65	P	08:12:41.649	-0.2	143.8	6.27	TAS	6.1	0.79	m_e	mb	4.8
UBR	68.12	P	08:12:25.582	-0.9	143.8	6.27	TAS	63.5	1.48	m_e	mb	5.6
WET	68.21	P	08:12:25.258	-0.5	143.8	6.27	TAS	6.4	1.07	m_e	mb	4.8
WLF	71.31	P	08:12:45.407	0.3	143.8	6.27	TAS	11.2	1.02	m_e	mb	4.9
WTTA	67.16	P	08:12:19.617	0.0	143.8	6.27	TAS	10.5	0.89	m_e	mb	5.1

Event 80521010 Tunisia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/21	00:18:41.39			34.7200	9.9630				33.0			14		13.47	19.21	m i k e	BGR
80521016																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	80521016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	16.40		P	00:22:35.067		184.0		11.21		TAS		38.8	1.00	m_e	mb	4.5

BSEG	19.21	P	00:23:03.707	0.6	184.0	11.21	TAS	85.5	0.95	m_e	mb	5.0
CLZ	17.12	P	00:22:42.929	-0.8	184.0	11.21	TAS	22.9	1.00	m_e	mb	4.3
FUR	13.47	P	00:22:00.026		184.0	11.21	TAS	45.9	0.81	m_e		
GTTG	16.82	P	00:22:38.787	0.0	184.0	11.21	TAS	17.9	0.79	m_e		
KAST	16.51	P	00:22:33.464		184.0	11.21	TAS	27.9	0.94	m_e		
MANZ	15.34	P	00:22:22.202		184.0	11.21	TAS	7.0	0.99	m_e		
MOX	15.96	P	00:22:29.372		184.0	11.21	TAS	10.9	0.82	m_e		
PLN	15.84	P	00:22:27.117		184.0	11.21	TAS	12.8	0.81	m_e		
RETH	18.02	P	00:22:52.462	0.1	184.0	11.21	TAS	99.1	2.00	m_e		
RUE	17.96	P	00:22:51.709	1.8	184.0	11.21	TAS	38.8	0.82	m_e		
TANN	15.79	P	00:22:26.354		184.0	11.21	TAS	35.0	0.94	m_e		
UBBA	16.09	P	00:22:30.772		184.0	11.21	TAS	34.8	1.32	m_e		
WLF	15.20	P	00:22:17.986		184.0	11.21	TAS	44.1	0.95	m_e		

Event 80521009 Northwest of Madagascar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/21	00:47:23.56			-11.1980	45.5960				33.0			26		65.52	71.46	m i ke	BGR
OrigID 80521015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	80521015
Ms	4.7		BGR	80521015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	70.04	P		00:58:34.425	0.2	143.3		6.29		TAS		46.4	0.99	m_e	mb 5.6
BFO	67.83	P		00:58:20.136	0.1	143.3		6.29		TAS		44.5	1.25	m_e	mb 5.5
BRG	67.67	P		00:58:19.251	0.2	143.3		6.29		TAS		28.1	1.08	m_e	mb 5.4
BSEG	71.46	P		00:58:42.364		143.3		6.29		TAS		16.6	0.84	m_e	mb 5.2
BUG	70.65	P		00:58:37.694	-0.6	143.3		6.29		TAS		37.4	1.01	m_e	mb 5.5
CLL	68.36	P		00:58:23.532	0.1	143.3		6.29		TAS		43.4	1.40	m_e	mb 5.5
CLZ	69.76	P		00:58:32.474	-0.3	143.3		6.29		TAS		104.7	1.71	m_e	mb 5.7
FLT1	69.83	P		00:58:32.497	0.2	143.3		6.29		TAS		47.9	1.59	m_e	mb 5.4
FUR	66.47	P		00:58:11.576	0.0	143.3		6.29		TAS		55.7	1.05	m_e	mb 5.7
GEC2	66.08	P		00:58:09.071	-0.1	143.3		6.29		TAS		40.2	0.97	m_e	mb 5.6
GRA1	67.71	P		00:58:19.483	0.1	143.3		6.29		TAS		56.2	1.17	m_e	mb 5.7
GRA1	67.71	L		01:34:08.248						T__		441.0	19.40	a_e	Ms 4.7
GTTG	69.68	P		00:58:31.928	0.2	143.3		6.29		TAS		37.2	0.93	m_e	mb 5.5
KAST	70.01	P		00:58:34.044	0.4	143.3		6.29		TAS		30.1	0.90	m_e	mb 5.4
MANZ	67.61	P		00:58:18.853	0.1	143.3		6.29		TAS		6.4	1.17	m_e	mb 4.7
MOX	68.33	P		00:58:23.340	0.0	143.3		6.29		TAS		21.1	0.77	m_e	mb 5.4
MOX	68.33	L		01:34:01.104						T__		473.2	20.10	a_e	Ms 4.7
NRDL	70.38	P		00:58:36.407	-0.4	143.3		6.29		TAS		35.8	1.33	m_e	mb 5.3
PLN	68.00	P		00:58:21.289	0.1	143.3		6.29		TAS		60.3	1.37	m_e	mb 5.6
RETH	70.85	P		00:58:38.788		143.3		6.29		TAS		31.3	1.15	m_e	mb 5.3
RJOB	65.52	P		00:58:05.199	-0.4	143.3		6.29		TAS		24.1	0.90	m_e	mb 5.4

ROTZ	67.40	P	00:58:17.361	-0.1	143.3	6.29	TAS	9.7	1.23	m_e	mb	4.9
RUE	69.06	P	00:58:28.268	0.5	143.3	6.29	TAS	52.5	0.83	m_e	mb	5.8
STU	67.80	P	00:58:20.172	0.3	143.3	6.29	TAS	81.1	1.08	m_e	mb	5.9
TANN	67.83	P	00:58:20.393	0.2	143.3	6.29	TAS	59.2	1.25	m_e	mb	5.7
UBR	66.57	P	00:58:12.245	0.1	143.3	6.29	TAS	73.2	1.21	m_e	mb	5.8
WET	66.63	P	00:58:11.972	-0.7	143.3	6.29	TAS	16.9	0.94	m_e	mb	5.2
WLF	69.77	P	00:58:31.872	-0.2	143.3	6.29	TAS	27.0	1.02	m_e	mb	5.3

Event 80521011 Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/21	10:40:31.19			58.3010	158.0150				33.0			20		65.10	69.25	m i ke	BGR
	80521017																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	80521017
Ms	4.0		BGR	80521017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	68.94	P		10:51:30.921	0.0	18.0		6.24		TAS		12.6	1.27	m_e	mb	5.0
BRG	67.29	P		10:51:20.746	-0.3	18.0		6.24		TAS		12.0	0.54	m_e	mb	5.3
BSEG	65.10	P		10:51:07.076	-0.2	18.0		6.24		TAS		19.5	0.98	m_e	mb	5.3
CLL	67.07	P		10:51:19.274	0.0	18.0		6.24		TAS		30.7	1.05	m_e	mb	5.5
CLZ	67.09	P		10:51:19.912	-0.0	18.0		6.24		TAS		27.4	1.04	m_e	mb	5.4
FLT1	66.46	P		10:51:15.028	-0.3	18.0		6.24		TAS		12.0	1.04	m_e	mb	5.1
GEC2	69.25	P		10:51:33.076		18.0		6.24		TAS		12.9	0.86	m_e	mb	5.2
GOR1	65.82	P		10:51:12.285	-0.6	18.0		6.24		TAS		31.2	1.13	m_e	mb	5.4
GRA1	68.97	P		10:51:31.456		18.0		6.24		TAS		32.4	0.91	m_e	mb	5.5
GRA1	68.97	L		11:25:53.314						T__		96.7	20.40	a_e	Ms	4.0
GTTG	67.45	P		10:51:22.275	-0.0	18.0		6.24		TAS		12.7	1.10	m_e	mb	5.1
KAST	68.06	P		10:51:25.302	0.0	18.0		6.24		TAS		9.7	1.05	m_e	mb	5.0
MANZ	68.51	P		10:51:28.445		18.0		6.24		TAS		3.6	0.98	m_e	mb	4.6
MOX	67.98	P		10:51:25.150	0.3	18.0		6.24		TAS		20.6	1.09	m_e	mb	5.3
MOX	67.98	L		11:21:24.234						T__		86.4	18.50	a_e	Ms	4.0
NEUB	67.43	P		10:51:21.461	-0.0	18.0		6.24		TAS		19.0	0.83	m_e	mb	5.4
PLN	68.03	P		10:51:25.426		18.0		6.24		TAS		49.3	1.65	m_e	mb	5.5
RETH	66.42	P		10:51:15.176	0.3	18.0		6.24		TAS		14.5	1.11	m_e	mb	5.1
ROTZ	68.70	P		10:51:29.329		18.0		6.24		TAS		4.8	1.09	m_e	mb	4.6
TANN	68.03	P		10:51:25.500		18.0		6.24		TAS		26.5	1.38	m_e	mb	5.3
UBBA	68.14	P		10:51:26.069	0.1	18.0		6.24		TAS		33.8	1.63	m_e	mb	5.3
WET	69.15	P		10:51:32.695		18.0		6.24		TAS		20.6	1.00	m_e	mb	5.3

Event 80523005 Near east coast of Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/23	01:37:54.49			56.3410	162.0100				33.0			30		66.55	73.72	m i k e	BGR
80523011																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	80523011
Ms	5.3		BGR	80523011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	71.48		P	01:49:09.580	0.1	16.6		6.05		TAS		129.1	1.55	m_e	mb	5.8
BFO	73.41		P	01:49:20.773	-0.5	16.6		6.05		TAS		130.6	1.30	m_e	mb	5.9
BRG	69.93		P	01:48:59.913	-0.3	16.6		6.05		TAS		134.1	1.19	m_e	mb	6.0
BSEG	67.67		P	01:48:46.555	0.0	16.6		6.05		TAS		111.5	1.15	m_e	mb	6.0
BUG	70.57		P	01:49:03.862	-0.1	16.6		6.05		TAS		93.5	1.10	m_e	mb	5.8
CLL	69.70		P	01:48:58.457	-0.4	16.6		6.05		TAS		288.0	1.27	m_e	mb	6.3
CLZ	69.67		P	01:48:59.017	0.4	16.6		6.05		TAS		221.0	1.22	m_e	mb	6.2
FLT1	69.05		P	01:48:54.433	-0.5	16.6		6.05		TAS		117.7	1.35	m_e	mb	5.9
FUR	73.04		P	01:49:18.944	-0.1	16.6		6.05		TAS		214.9	1.28	m_e	mb	6.1
GEC2	71.91		P	01:49:12.219	0.1	16.6		6.05		TAS		132.6	1.21	m_e	mb	5.9
GOR1	68.40		P	01:48:51.104	0.1	16.6		6.05		TAS		234.1	1.36	m_e	mb	6.2
GRA1	71.58		P	01:49:10.736	0.5	16.6		6.05		TAS		215.5	1.11	m_e	mb	6.2
GRA1	71.58		L	02:23:36.004						T__		1598.8	21.40	a_e	Ms	5.2
GTTG	70.02		P	01:49:01.127	0.3	16.6		6.05		TAS		99.3	1.28	m_e	mb	5.8
IBBN	69.66		P	01:48:58.619	0.2	16.6		6.05		TAS		133.1	1.11	m_e	mb	6.0
KAST	70.62		P	01:49:04.588	0.2	16.6		6.05		TAS		108.5	1.32	m_e	mb	5.8
MOX	70.59		P	01:49:04.301	0.0	16.6		6.05		TAS		169.3	1.24	m_e	mb	6.0
MOX	70.59		L	02:20:48.139						T__		1825.8	21.00	a_e	Ms	5.3
NEUB	70.04		P	01:49:00.698	-0.2	16.6		6.05		TAS		205.0	1.40	m_e	mb	6.1
NRDL	69.09		P	01:48:54.961	-0.2	16.6		6.05		TAS		67.5	1.18	m_e	mb	5.8
PLN	70.64		P	01:49:04.686	0.1	16.6		6.05		TAS		172.8	1.31	m_e	mb	6.0
RETH	68.98		P	01:48:54.499	0.1	16.6		6.05		TAS		140.2	1.41	m_e	mb	6.0
RGN	66.55		P	01:48:39.781	-0.1	16.6		6.05		TAS		329.2	1.23	m_e	mb	6.4
RJOB	73.15		P	01:49:19.867	0.2	16.6		6.05		TAS		94.0	1.05	m_e	mb	5.8
ROTZ	71.32		P	01:49:08.730	0.1	16.6		6.05		TAS		40.3	1.23	m_e	mb	5.4
RUE	68.44		P	01:48:51.236	0.0	16.6		6.05		TAS		252.7	1.21	m_e	mb	6.3
STU	72.83		P	01:49:17.658	-0.1	16.6		6.05		TAS		282.6	1.29	m_e	mb	6.2
TANN	70.65		P	01:49:04.785	0.1	16.6		6.05		TAS		161.3	1.36	m_e	mb	6.0
UBBA	70.72		P	01:49:04.730	-0.3	16.6		6.05		TAS		163.5	1.50	m_e	mb	5.9
UBR	73.72		P	01:49:22.926	-0.2	16.6		6.05		TAS		155.7	1.17	m_e	mb	5.9
WET	71.79		P	01:49:11.857	0.4	16.6		6.05		TAS		204.1	1.24	m_e	mb	6.1
WLF	72.47		P	01:49:15.516	0.1	16.6		6.05		TAS		75.4	1.26	m_e	mb	5.7

Event 80523004 Central Mid-Atlantic Ridge

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

2018/05/23 05:44:43.40

7.4600 -36.3000

10.0

20

55.46 59.89 m i ke EMSC

80523036

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	80523010
Ms	5.0		BGR	80523010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	55.46		P	05:54:18.026		239.8		6.94		TAS		68.4	1.14	m_e	mb	5.6
BRG	59.89		P	05:54:49.241	-0.2	239.8		6.94		TAS		41.0	1.44	m_e	mb	5.2
BSEG	59.55		P	05:54:46.563	0.4	239.8		6.94		TAS		76.4	1.10	m_e	mb	5.6
FLT1	59.16		P	05:54:43.844	-0.3	239.8		6.94		TAS		26.6	1.09	m_e	mb	5.2
FUR	57.06		P	05:54:29.298		239.8		6.94		TAS		77.5	1.06	m_e	mb	5.7
GEC2	58.81		P	05:54:41.086		239.8		6.94		TAS		25.9	1.02	m_e	mb	5.2
GRA1	57.79		P	05:54:34.619		239.8		6.94		TAS		83.9	1.01	m_e	mb	5.7
GRA1	57.79		L	06:15:56.875						T__		873.6	20.20	a_e	Ms	4.9
GTTG	58.07		P	05:54:36.649	0.1	239.8		6.94		TAS		46.7	1.09	m_e	mb	5.4
KAST	57.07		P	05:54:29.498	-0.2	239.8		6.94		TAS		34.5	1.10	m_e	mb	5.3
MOX	58.49		P	05:54:39.487	0.1	239.8		6.94		TAS		34.3	1.36	m_e	mb	5.2
MOX	58.49		L	06:15:37.941						T__		1330.7	20.20	a_e	Ms	5.0
NEUB	58.86		P	05:54:41.926	-0.1	239.8		6.94		TAS		55.0	1.10	m_e	mb	5.5
NRDL	58.66		P	05:54:41.046	-0.1	239.8		6.94		TAS		54.4	1.48	m_e	mb	5.4
PLN	58.71		P	05:54:40.926		239.8		6.94		TAS		43.1	1.08	m_e	mb	5.4
RETH	58.41		P	05:54:39.127	0.1	239.8		6.94		TAS		37.7	1.30	m_e	mb	5.3
RJOB	57.76		P	05:54:33.875		239.8		6.94		TAS		34.9	0.98	m_e	mb	5.3
ROTZ	58.39		P	05:54:38.408		239.8		6.94		TAS		11.7	1.14	m_e	mb	4.8
TANN	58.85		P	05:54:41.966		239.8		6.94		TAS		62.5	1.19	m_e	mb	5.5
UBBA	57.70		P	05:54:33.731	0.1	239.8		6.94		TAS		46.4	1.62	m_e	mb	5.3
UBR	56.14		P	05:54:23.063		239.8		6.94		TAS		56.7	1.08	m_e	mb	5.5
WET	58.47		P	05:54:38.768		239.8		6.94		TAS		22.6	1.13	m_e	mb	5.1

Event 80523003 South of Panama

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/23	12:42:43.80		7.3500	-82.6700					10.0			19		83.69	88.70	m i ke	EMSC
80523035																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80523009
Ms	4.5		BGR	80523009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	85.23		P	12:55:22.632		277.7		5.15		TAS		11.3	1.17	m_e	mb	5.0
BRG	88.51		P	12:55:39.322	-0.1	277.7		5.15		TAS		10.4	1.27	m_e	mb	4.9
CLL	87.86		P	12:55:36.122	0.1	277.7		5.15		TAS		21.2	1.24	m_e	mb	5.3
CLZ	86.16		P	12:55:28.062	0.5	277.7		5.15		TAS		26.1	1.22	m_e	mb	5.2

Station	Mag	Type	Time	Lat	Long	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
FLT1	86.63	P	12:55:29.793	-0.1	277.7		5.15		TAS	15.8	1.11	m_e	mb			5.0	
GEC2	88.70	P	12:55:40.143		277.7		5.15		TAS	11.0	1.20	m_e	mb			5.0	
GRA1	86.97	L	13:29:55.013						T__	170.3	18.90	a_e	Ms			4.5	
IBBN	84.50	P	12:55:18.008	-0.1	277.7		5.15		TAS	10.2	0.77	m_e	mb			5.1	
KAST	85.01	P	12:55:21.955	-0.5	277.7		5.15		TAS	16.5	1.32	m_e	mb			5.1	
MOX	87.09	P	12:55:32.245	0.5	277.7		5.15		TAS	12.6	1.34	m_e	mb			4.9	
MOX	87.09	L	13:29:48.853						T__	175.2	21.20	a_e	Ms			4.4	
PLN	87.45	P	12:55:34.124		277.7		5.15		TAS	14.5	1.17	m_e	mb			5.0	
RETH	85.44	P	12:55:24.513	-0.1	277.7		5.15		TAS	18.6	1.27	m_e	mb			5.2	
RJOB	88.28	P	12:55:38.332		277.7		5.15		TAS	7.9	0.33	m_e	mb			5.5	
ROTZ	87.59	P	12:55:35.002		277.7		5.15		TAS	2.8	1.36	m_e	mb			4.4	
STU	85.76	P	12:55:25.718		277.7		5.15		TAS	39.9	0.74	m_e	mb			5.6	
TANN	87.65	P	12:55:35.337		277.7		5.15		TAS	20.7	1.31	m_e	mb			5.3	
TNS	85.13	P	12:55:22.749		277.7		5.15		TAS	20.6	1.24	m_e	mb			5.2	
UBR	86.49	P	12:55:29.702		277.7		5.15		TAS	15.5	1.07	m_e	mb			5.1	
WET	88.12	P	12:55:37.658		277.7		5.15		TAS	22.4	1.19	m_e	mb			5.4	
WLF	83.69	P	12:55:14.105		277.7		5.15		TAS			m_e					

Event 80524004 Namibia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/24	07:08:09.46			-20.3180	16.6390				33.0			15		67.83	73.02	m i ke	BGR
	80524010																

Magnitude Err Nsta Author
mb 5.1 BGR

OrigID
80524010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	68.74	P		07:19:13.977	0.7	174.6		6.13		TAS		5.8	0.71	m_e	mb	4.9
BRG	70.92	P		07:19:26.855	0.1	174.6		6.13		TAS		12.4	1.50	m_e	mb	4.8
CLL	71.38	P		07:19:29.654		174.6		6.13		TAS		6.3	0.87	m_e	mb	4.8
FUR	68.33	P		07:19:10.755	-0.1	174.6		6.13		TAS		33.5	0.90	m_e	mb	5.6
GEC2	68.90	P		07:19:14.514	0.2	174.6		6.13		TAS		11.6	1.06	m_e	mb	5.0
KAST	71.57	P		07:19:30.559		174.6		6.13		TAS		12.0	0.79	m_e	mb	5.1
MOX	70.79	P		07:19:25.478	-0.2	174.6		6.13		TAS		3.4	0.45	m_e	mb	4.8
NEUB	71.33	P		07:19:29.050	0.2	174.6		6.13		TAS		27.8	0.71	m_e	mb	5.5
NRDL	72.72	P		07:19:37.622		174.6		6.13		TAS		17.4	1.06	m_e	mb	5.1
RETH	73.02	P		07:19:39.763		174.6		6.13		TAS		13.3	0.89	m_e	mb	5.1
RJOB	67.83	P		07:19:06.809	-1.0	174.6		6.13		TAS		12.3	0.88	m_e	mb	5.1
TNS	70.60	P		07:19:23.900	0.2	174.6		6.13		TAS		11.8	0.72	m_e	mb	5.1
UBBA	71.06	P		07:19:28.802	-0.2	174.6		6.13		TAS		6.9	0.58	m_e	mb	5.0
UBR	67.93	P		07:19:09.142	0.7	174.6		6.13		TAS		7.2	0.75	m_e	mb	5.0
WLF	70.29	P		07:19:22.198	-0.8	174.6		6.13		TAS		22.1	1.08	m_e	mb	5.2

Event 80524005 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/24	21:31:31.82			34.3840	26.6990				33.0			17		17.38	22.70	m i ke	BGR
OrigID 80524011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	80524011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	22.70		P	21:36:30.231	-0.4	137.6		10.95		TAS		32.6	0.96	m_e mb	4.8
BUG	22.09		P	21:36:23.880	0.2	137.6		10.95		TAS		16.5	1.02	m_e mb	4.4
CLL	19.61		P	21:35:59.363	2.6	137.6		10.95		TAS		14.4	1.27	m_e mb	4.0
CLZ	21.05		P	21:36:13.183	-0.2	137.6		10.95		TAS		12.3	0.79	m_e mb	4.3
FLT1	21.09		P	21:36:13.695	-1.2	137.6		10.95		TAS		32.1	0.74	m_e mb	4.7
FUR	17.95		P	21:35:37.988		137.6		10.95		TAS		47.7	1.17	m_e mb	4.5
GEC2	17.38		P	21:35:33.407		137.6		10.95		TAS		22.2	0.69	m_e mb	4.4
GTTG	20.99		P	21:36:12.862	0.1	137.6		10.95		TAS		53.4	0.75	m_e mb	5.0
KAST	21.41		P	21:36:16.506	-0.4	137.6		10.95		TAS		17.4	1.16	m_e mb	4.3
MOX	19.63		P	21:35:57.872		137.6		10.95		TAS		11.7	0.95	m_e mb	4.1
NEUB	19.99		P	21:36:02.718	-0.1	137.6		10.95		TAS		26.8	0.76	m_e mb	4.5
NRDL	21.65		P	21:36:19.563	-0.2	137.6		10.95		TAS		13.1	0.89	m_e mb	4.4
PLN	19.28		P	21:35:54.339		137.6		10.95		TAS		5.9	0.69	m_e mb	3.9
RETH	22.13		P	21:36:25.277	-0.4	137.6		10.95		TAS		74.5	1.31	m_e mb	5.0
TANN	19.11		P	21:35:52.526		137.6		10.95		TAS		18.3	0.93	m_e mb	4.3
WET	17.95		P	21:35:39.479		137.6		10.95		TAS		24.8	0.88	m_e mb	4.3
WLF	21.49		P	21:36:19.837		137.6		10.95		TAS		26.7	1.09	m_e mb	4.5

Event 80524006 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/24	21:40:42.61			32.8470	26.5720				33.0			9		18.67	24.05	m i ke	BGR
OrigID 80524012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	80524012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	24.05		P	21:45:55.637	-0.2	140.2		10.84		TAS		18.7	0.96	m_e mb	4.6
BUG	23.33		P	21:45:48.410		140.2		10.84		TAS		10.5	0.86	m_e mb	4.4
FLT1	22.42		P	21:45:38.538	-0.2	140.2		10.84		TAS		17.3	0.74	m_e mb	4.6
FUR	19.16		P	21:45:03.853		140.2		10.84		TAS		24.1	1.10	m_e mb	4.3
GEC2	18.67		P	21:44:58.455		140.2		10.84		TAS		12.4	0.68	m_e mb	4.3
GTTG	22.28		P	21:45:37.845		140.2		10.84		TAS		32.2	0.79	m_e mb	4.8
MOX	20.92		P	21:45:22.932		140.2		10.84		TAS		4.7	0.77	m_e mb	3.9

NEUB	21.30	P	21:45:28.172	140.2	10.84	TAS	12.3	0.76	m_e	mb	4.3
RETH	23.44	P	21:45:50.056	1.2 140.2	10.84	TAS	35.5	1.24	m_e	mb	4.8
TANN	20.42	P	21:45:17.826	140.2	10.84	TAS	11.2	1.03	m_e	mb	4.0
WET	19.23	P	21:45:04.337	140.2	10.84	TAS	14.1	0.86	m_e	mb	4.2

Event 80525008 Northwest of Madagascar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/25	09:33:02.32			-10.6600	44.8400				10.0			16		64.73	70.07	m i ke	BGR
80525014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	80525014
Ms	4.1		BGR	80525014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	67.02		P	09:43:52.350		143.4		6.37		TAS				m_e		
BFO	67.02		L	10:14:18.004						T__		121.4	18.20	a_e	Ms	4.2
BRG	66.91		P	09:43:51.754		143.4		6.37		TAS		15.6	1.33	m_e	mb	5.1
BUG	69.86		P	09:44:09.954		143.4		6.37		TAS		18.4	1.14	m_e	mb	5.1
CLL	67.60		P	09:43:56.131		143.4		6.37		TAS		11.8	1.08	m_e	mb	5.0
CLZ	68.98		P	09:44:05.038		143.4		6.37		TAS		9.5	1.08	m_e	mb	4.9
GEC2	65.30		P	09:43:41.407		143.4		6.37		TAS				m_e		
GTTG	68.90		P	09:44:04.605		143.4		6.37		TAS		10.5	0.73	m_e	mb	5.2
KAST	69.22		P	09:44:06.577		143.4		6.37		TAS		14.1	1.13	m_e	mb	5.1
MOX	67.55		P	09:43:55.634		143.4		6.37		TAS		16.1	1.30	m_e	mb	5.1
MOX	67.55		L	10:19:52.838						T__		105.7	18.90	a_e	Ms	4.1
NRDL	69.60		P	09:44:08.761		143.4		6.37		TAS		15.5	1.38	m_e	mb	5.0
PLN	67.22		P	09:43:53.743		143.4		6.37		TAS		12.3	1.07	m_e	mb	5.1
RETH	70.07		P	09:44:11.809		143.4		6.37		TAS		8.5	0.99	m_e	mb	4.8
RJOB	64.73		P	09:43:37.825		143.4		6.37		TAS				m_e		
TANN	67.05		P	09:43:52.848		143.4		6.37		TAS				m_e		
UBR	65.77		P	09:43:44.889		143.4		6.37		TAS				m_e		
WLF	68.97		P	09:44:04.772		143.4		6.37		TAS		10.8	0.87	m_e	mb	5.1

Event 80525009 Near west coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/25	12:13:48.21			37.5470	138.7630				33.0			13		78.98	83.80	m i ke	BGR
80525015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	80525015

Ms 4.8 BGR 80525015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	83.80		P	12:26:13.263	1.1	39.5		5.30		TAS		12.3	1.03	m_e	mb 5.6
BFO	83.80		L	13:06:55.465						T__		218.3	20.20	a_e	Ms 4.6
BRG	79.52		P	12:25:50.845		39.5		5.30		TAS		9.4	1.23	m_e	mb 5.3
CLL	79.58		P	12:25:50.670		39.5		5.30		TAS		16.7	1.19	m_e	mb 5.5
CLZ	80.23		P	12:25:55.751		39.5		5.30		TAS		18.9	1.37	m_e	mb 5.5
FLT1	79.51		P	12:25:50.393		39.5		5.30		TAS		7.2	0.74	m_e	mb 5.4
GEC2	81.15		P	12:25:59.556	0.2	39.5		5.30		TAS		2.7	0.68	m_e	mb 5.0
GOR1	78.98		P	12:25:48.700		39.5		5.30		TAS		21.8	1.21	m_e	mb 5.8
KAST	81.49		P	12:26:00.175	-0.2	39.5		5.30		TAS		61.3	2.44	m_e	mb 5.8
MOX	80.66		P	12:25:57.317		39.5		5.30		TAS		3.7	0.80	m_e	mb 5.0
MOX	80.66		L	13:04:36.584						T__		378.7	18.70	a_e	Ms 4.9
RETH	79.92		P	12:25:53.174		39.5		5.30		TAS		5.6	0.83	m_e	mb 5.2
RJOB	82.38		P	12:26:06.896	0.6	39.5		5.30		TAS		7.0	0.95	m_e	mb 5.4
TANN	80.48		P	12:25:51.590		39.5		5.30		TAS		17.1	1.31	m_e	mb 5.4
WET	81.27		P	12:26:00.856	-0.3	39.5		5.30		TAS		14.9	1.66	m_e	mb 5.3

Event 80526001 Madagascar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/26	00:32:23.76			-15.1910	47.4790				30.9			14		71.41	72.70	m i ke	BGR
	80526007																

Magnitude	Err	Nsta	Author	OrigID
mb 4.8			BGR	80526007
Ms 3.9			BGR	80526007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	72.20		L	01:14:24.134						T__		67.3	18.40	a_e	Ms 4.0
GRA2	72.00		P	00:43:45.918		134.0		6.87		TAS				m_e	
GRA2	72.00		pP	00:43:54.726						T__				m_e	
GRC1	71.41		P	00:43:41.928		134.0		6.87		TAS		10.0	1.17	m_e	mb 4.8
MOX	72.70		L	01:12:09.586						T__		54.1	18.70	a_e	Ms 3.9

Event 80526002 Near west coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/26	14:01:44.54			38.9130	138.7340				33.0			12		77.42	82.62	m i ke	BGR
	80526008																

Magnitude	Err	Nsta	Author	OrigID

mb	4.6	BGR	80526008													
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	82.62		P	14:14:02.764		38.8		5.39		TAS		4.8	0.80	m_e	mb	4.8
BRG	78.35		P	14:13:40.302		38.8		5.39		TAS		3.8	1.03	m_e	mb	4.5
BSEG	77.42		P	14:13:35.308	-0.5	38.8		5.39		TAS		11.9	1.11	m_e	mb	4.9
CLL	78.41		P	14:13:40.892		38.8		5.39		TAS		6.0	1.00	m_e	mb	4.7
CLZ	79.03		P	14:13:43.958	0.2	38.8		5.39		TAS		4.3	0.83	m_e	mb	4.5
FLT1	78.32		P	14:13:39.729	-0.0	38.8		5.39		TAS		6.1	0.90	m_e	mb	4.7
FUR	81.55		P	14:13:57.877		38.8		5.39		TAS				m_e		
RETH	78.71		P	14:13:42.095	1.1	38.8		5.39		TAS		7.6	1.14	m_e	mb	4.6
RJOB	81.23		P	14:13:56.249		38.8		5.39		TAS		5.8	1.02	m_e	mb	4.6
TNS	81.06		P	14:13:54.553		38.8		5.39		TAS		4.0	0.68	m_e	mb	4.6
WET	80.11		P	14:13:49.876		38.8		5.39		TAS		1.6	0.68	m_e	mb	4.1

Event 80527002 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/27	04:17:05.60			-30.5560	-178.9090				181.0			15		155.70	161.41	m i ke	NEIC
	80527069																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	161.41		PKPab	04:37:27.050		25.5		4.49		TAS				m_e		
BRG	157.55		PKPab	04:37:09.841	-0.1	25.5		4.49		TAS				m_e		
BSEG	155.70		PKPab	04:37:02.605		25.5		4.49		TAS				m_e		
CLL	157.46		PKPab	04:37:09.841	0.1	25.5		4.49		TAS				m_e		
CLZ	157.65		PKPab	04:37:11.001	-0.0	25.5		4.49		TAS				m_e		
FLT1	157.00		PKPab	04:37:07.521	-0.1	25.5		4.49		TAS				m_e		
FUR	160.76		PKPab	04:37:25.310		25.5		4.49		TAS				m_e		
GEC2	159.37		PKPab	04:37:18.736		25.5		4.49		TAS				m_e		
GTTG	158.02		PKPab	04:37:12.020		25.5		4.49		TAS				m_e		
IBBN	157.72		PKPab	04:37:11.195	-0.2	25.5		4.49		TAS				m_e		
KAST	158.66		PKPab	04:37:15.062		25.5		4.49		TAS				m_e		
MANZ	158.89		PKPab	04:37:16.222		25.5		4.49		TAS				m_e		
MOX	158.44		PKPab	04:37:14.095		25.5		4.49		TAS				m_e		
NRDL	157.10		PKPab	04:37:08.101	-0.2	25.5		4.49		TAS				m_e		
RJOB	160.63		PKPab	04:37:24.343		25.5		4.49		TAS				m_e		
TANN	158.41		PKPab	04:37:14.049		25.5		4.49		TAS				m_e		
TNS	159.59		PKPab	04:37:19.316		25.5		4.49		TAS				m_e		
WET	159.39		PKPab	04:37:18.736		25.5		4.49		TAS				m_e		

Event 80527005 Iran-Iraq border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/27	04:45:30.39			32.3720	47.1200				10.0			14		30.13	34.89	m i ke	BGR
OrigID 80527011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	80527011
Ms	3.4		BGR	80527011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	33.18		L	05:08:41.460						T__		66.1	18.60	a_e	Ms 3.4
BUG	34.70		P	04:52:19.651		109.5		8.78		TAS		7.0	0.99	m_e	mb 4.5
CLL	31.29		P	04:51:48.699	1.3	109.5		8.78		TAS		4.0	0.84	m_e	mb 4.4
CLZ	33.01		P	04:52:03.935		109.5		8.78		TAS		8.9	0.94	m_e	mb 4.7
FLT1	32.71		P	04:52:00.095		109.5		8.78		TAS				m_e	
FUR	31.24		P	04:51:48.820	0.5	109.5		8.78		TAS		25.2	0.83	m_e	mb 5.2
GOR1	32.93		P	04:52:04.216		109.5		8.78		TAS				m_e	
IBBN	34.69		P	04:52:18.951		109.5		8.78		TAS		15.6	1.02	m_e	mb 4.9
KAST	33.94		P	04:52:13.107		109.5		8.78		TAS		8.0	1.02	m_e	mb 4.6
MOX	31.84		L	05:10:04.535						T__		64.6	18.30	a_e	Ms 3.3
NRDL	33.41		P	04:52:07.013		109.5		8.78		TAS		14.0	0.93	m_e	mb 4.9
RETH	33.92		P	04:52:13.191		109.5		8.78		TAS		13.4	1.01	m_e	mb 4.8
RJOB	30.13		P	04:51:39.789	-0.5	109.5		8.78		TAS		3.7	0.96	m_e	mb 4.2
UBR	31.86		P	04:51:54.597	-0.1	109.5		8.78		TAS		10.5	1.17	m_e	mb 4.7
WET	30.55		P	04:51:42.651	-0.1	109.5		8.78		TAS		4.4	1.10	m_e	mb 4.3
WLF	34.89		P	04:52:20.479		109.5		8.78		TAS		9.2	0.95	m_e	mb 4.7

Event 80527003 Northeastern China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/27	17:51:02.65			45.8690	125.1830				33.0	0.9		30		65.80	71.21	m i ke	BGR
OrigID 80527009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	80527009
Ms	5.3		BGR	80527009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	70.07		P	18:02:10.234	-0.4	42.8		6.11		TAS		53.8	1.10	m_e	mb 5.6
ASSE	67.38		P	18:01:53.395	-0.3	42.8		6.11		TAS		24.2	1.33	m_e	mb 5.3
BFO	71.21		P	18:02:17.139		42.8		6.11		TAS		76.4	1.05	m_e	mb 5.8
BFO	71.21		L	18:36:48.112						T__		1381.5	18.40	a_e	Ms 5.2
BRG	66.85		P	18:01:50.088	-0.4	42.8		6.11		TAS		42.0	1.01	m_e	mb 5.6
BSEG	66.22		P	18:01:46.301	0.3	42.8		6.11		TAS		38.4	0.96	m_e	mb 5.6
BUG	69.32		P	18:02:05.487	0.2	42.8		6.11		TAS		54.2	1.10	m_e	mb 5.7

CLL	66.96	P	18:01:50.535	-0.7	42.8	6.11	TAS	53.8	0.89	m_e	mb	5.8
CLZ	67.72	P	18:01:55.984	0.1	42.8	6.11	TAS	58.6	0.94	m_e	mb	5.8
FLT1	67.00	P	18:01:50.410	0.2	42.8	6.11	TAS	64.0	0.90	m_e	mb	5.8
FUR	70.01	P	18:02:10.189	-0.2	42.8	6.11	TAS	77.0	1.04	m_e	mb	5.8
GEC2	68.41	P	18:01:59.827	0.3	42.8	6.11	TAS	30.9	1.02	m_e	mb	5.5
GOR1	66.49	P	18:01:48.170	-0.2	42.8	6.11	TAS	96.4	1.18	m_e	mb	5.9
GTTG	68.11	P	18:01:58.196	-0.1	42.8	6.11	TAS	57.8	1.02	m_e	mb	5.8
IBBN	68.47	P	18:01:59.917	-0.2	42.8	6.11	TAS	52.4	1.06	m_e	mb	5.7
KAST	69.02	P	18:02:03.623	0.5	42.8	6.11	TAS	20.9	1.11	m_e	mb	5.3
MANZ	68.31	P	18:01:59.448	-0.1	42.8	6.11	TAS	5.3	0.97	m_e	mb	4.7
MOX	68.05	P	18:01:57.738	0.1	42.8	6.11	TAS	63.1	1.43	m_e	mb	5.6
MOX	68.05	L	18:34:44.673				T__	1854.2	18.30	a_e	Ms	5.3
NEUB	67.58	P	18:01:54.531	0.1	42.8	6.11	TAS	54.5	0.87	m_e	mb	5.8
NRDL	67.35	P	18:01:53.395	0.0	42.8	6.11	TAS	40.7	0.99	m_e	mb	5.6
PLN	67.92	P	18:01:57.057	0.2	42.8	6.11	TAS	50.5	1.07	m_e	mb	5.7
RETH	67.49	P	18:01:54.012	0.4	42.8	6.11	TAS	54.1	1.05	m_e	mb	5.7
RJOB	69.62	P	18:02:07.942	0.2	42.8	6.11	TAS	47.9	0.98	m_e	mb	5.6
RUE	65.80	P	18:01:43.422	0.3	42.8	6.11	TAS	49.1	0.86	m_e	mb	5.8
STU	70.50	P	18:02:12.814	-0.1	42.8	6.11	TAS	136.6	1.02	m_e	mb	6.0
TANN	67.84	P	18:01:56.520	0.0	42.8	6.11	TAS	31.8	0.98	m_e	mb	5.5
TNS	69.73	P	18:02:08.410	0.0	42.8	6.11	TAS	28.4	1.07	m_e	mb	5.3
UBBA	68.63	P	18:02:01.085	0.1	42.8	6.11	TAS	32.8	1.30	m_e	mb	5.4
UBR	70.90	P	18:02:15.128	-0.3	42.8	6.11	TAS	17.9	1.08	m_e	mb	5.1
WET	68.57	P	18:02:01.280	0.0	42.8	6.11	TAS	30.9	0.93	m_e	mb	5.5
WLF	71.13	P	18:02:16.695		42.8	6.11	TAS	12.7	1.06	m_e	mb	5.0

Event 80527004 Unimak Island, Alaska, United States, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/27	19:33:46.44			54.3860	-164.4460				33.0			29		71.96	78.23	m i ke	BGR
	80527010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80527010
Ms	5.0		BGR	80527010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	75.20		P	19:45:24.425	0.0	357.4		5.71		TAS		15.2	0.87	m_e	mb	5.0
ASSE	73.78		P	19:45:16.241	-0.2	357.4		5.71		TAS				m_e		
BFO	77.48		P	19:45:36.364	-0.2	357.4		5.71		TAS		11.0	1.00	m_e	mb	4.9
BFO	77.48		L	20:26:40.579						T__		697.2	18.50	a_e	Ms	5.0
BRG	75.10		P	19:45:23.545	0.3	357.4		5.71		TAS		7.8	0.89	m_e	mb	4.7
BSEG	71.96		P	19:45:05.522	-0.1	357.4		5.71		TAS		17.0	0.96	m_e	mb	5.2
BUG	74.32		P	19:45:18.945	0.1	357.4		5.71		TAS		19.7	0.93	m_e	mb	5.1
CLL	74.66		P	19:45:20.616	-0.1	357.4		5.71		TAS		14.7	0.99	m_e	mb	5.0
CLZ	74.06		P	19:45:18.327	-0.5	357.4		5.71		TAS		22.1	0.95	m_e	mb	5.2

Station	Mag	Type	Time	Lat	Long	Mag	Def	SNR	Amp	Per	Qual	Magnitude
FLT1	73.59	P	19:45:14.244	0.6	357.4	5.71	TAS	13.7	0.85	m_e	mb	5.0
FUR	77.76	P	19:45:38.672		357.4	5.71	TAS	26.6	1.09	m_e	mb	5.3
GEC2	77.13	P	19:45:35.374	-0.2	357.4	5.71	TAS	7.9	0.88	m_e	mb	4.8
GTTG	74.34	P	19:45:19.873	-0.3	357.4	5.71	TAS	36.3	1.10	m_e	mb	5.3
IBBN	73.48	P	19:45:14.430	0.7	357.4	5.71	TAS	27.8	0.95	m_e	mb	5.4
KAST	74.61	P	19:45:20.492	-0.1	357.4	5.71	TAS	14.9	1.00	m_e	mb	5.0
MANZ	75.96	P	19:45:28.689	0.2	357.4	5.71	TAS	1.6	1.00	m_e	mb	4.1
MOX	75.29	P	19:45:24.981	0.3	357.4	5.71	TAS	15.1	0.83	m_e	mb	5.1
MOX	75.29	L	20:22:45.535				T__	624.1	20.10	a_e	Ms	4.9
NEUB	74.74	P	19:45:21.667	0.2	357.4	5.71	TAS	27.4	0.92	m_e	mb	5.3
NRDL	73.39	P	19:45:13.827	-0.8	357.4	5.71	TAS	17.3	1.01	m_e	mb	5.1
PLN	75.46	P	19:45:25.662	0.1	357.4	5.71	TAS	7.8	0.83	m_e	mb	4.8
RETH	73.12	P	19:45:12.326	0.1	357.4	5.71	TAS	24.8	1.26	m_e	mb	5.2
RJOB	78.23	P	19:45:41.705		357.4	5.71	TAS	10.2	0.84	m_e	mb	5.0
RUE	73.50	P	19:45:14.430	0.1	357.4	5.71	TAS	21.7	0.71	m_e	mb	5.4
STU	77.08	P	19:45:34.879	0.2	357.4	5.71	TAS	43.6	1.05	m_e	mb	5.5
TANN	75.54	P	19:45:26.466	0.4	357.4	5.71	TAS	38.5	1.81	m_e	mb	5.2
TNS	75.59	P	19:45:26.466	0.1	357.4	5.71	TAS	13.9	0.88	m_e	mb	5.1
UBBA	75.06	P	19:45:23.359	-0.0	357.4	5.71	TAS	32.1	1.76	m_e	mb	5.1
UBR	78.21	P	19:45:41.127		357.4	5.71	TAS	19.1	1.21	m_e	mb	5.1
WET	76.82	P	19:45:33.580	-0.8	357.4	5.71	TAS	26.8	1.60	m_e	mb	5.1
WLF	76.02	P	19:45:29.188	-0.0	357.4	5.71	TAS	270.3	2.62	m_e	mb	5.9

Event 80528003 Nicobar Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/28	01:59:47.36			8.2130	93.5330				33.0			25		77.11	82.11	m i ke	BGR
80528009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80528009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	81.47		P	02:12:01.839		90.5		5.49		TAS		13.6	0.90	m_e	mb	5.0
BFO	80.74		P	02:11:57.475		90.5		5.49		TAS		12.3	0.89	m_e	mb	4.9
BRG	77.11		P	02:11:37.774	-0.1	90.5		5.49		TAS		12.1	0.84	m_e	mb	5.1
BSEG	79.42		P	02:11:50.595	0.1	90.5		5.49		TAS		42.2	0.94	m_e	mb	5.5
BUG	81.31		P	02:12:00.606		90.5		5.49		TAS		21.4	0.93	m_e	mb	5.2
CLL	77.72		P	02:11:40.705	0.2	90.5		5.49		TAS		7.6	0.77	m_e	mb	4.9
CLZ	79.37		P	02:11:50.360	0.2	90.5		5.49		TAS		25.1	0.81	m_e	mb	5.3
FLT1	78.84		P	02:11:46.686	0.3	90.5		5.49		TAS		11.2	0.73	m_e	mb	5.0
GEC2	77.17		P	02:11:38.478	0.2	90.5		5.49		TAS		26.4	0.72	m_e	mb	5.5
GOR1	78.81		P	02:11:47.129	0.2	90.5		5.49		TAS		20.5	0.96	m_e	mb	5.1
GTTG	79.63		P	02:11:51.845	0.1	90.5		5.49		TAS		21.2	0.82	m_e	mb	5.1
IBBN	80.98		P	02:11:59.194		90.5		5.49		TAS		41.4	0.93	m_e	mb	5.5
KAST	80.60		P	02:11:56.693	0.2	90.5		5.49		TAS		17.0	1.13	m_e	mb	5.0

MANZ	78.25	P	02:11:44.809	0.0	90.5	5.49	TAS	11.1	1.44	m_e	mb	4.8
MOX	78.58	P	02:11:45.955	-0.7	90.5	5.49	TAS			m_e		
NRDL	79.54	P	02:11:51.495	-0.3	90.5	5.49	TAS	34.7	1.35	m_e	mb	5.1
PLN	78.23	P	02:11:43.989	0.7	90.5	5.49	TAS	6.8	0.74	m_e	mb	4.9
RETH	79.99	P	02:11:53.761	-0.3	90.5	5.49	TAS	18.2	1.07	m_e	mb	4.9
RJOB	77.75	P	02:11:41.058	0.1	90.5	5.49	TAS	14.3	0.68	m_e	mb	5.2
RUE	77.29	P	02:11:38.807	-0.0	90.5	5.49	TAS	57.8	0.56	m_e	mb	5.9
TANN	78.03	P	02:11:43.050	-0.0	90.5	5.49	TAS	4.6	0.78	m_e	mb	4.7
TNS	80.61	P	02:11:57.357		90.5	5.49	TAS	13.4	0.79	m_e	mb	5.0
UBR	79.56	P	02:11:51.221	0.3	90.5	5.49	TAS	23.3	0.70	m_e	mb	5.2
WET	77.73	P	02:11:41.467	-0.3	90.5	5.49	TAS	14.0	0.80	m_e	mb	5.2
WLF	82.11	P	02:12:05.604		90.5	5.49	TAS	10.1	0.93	m_e	mb	4.9

Event 80528005 Northwest of Madagascar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/28	13:55:25.02			-11.9070	44.9770				33.0			12		65.68	71.27	m i ke	BGR
OrigID 80528011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	80528011
Ms	3.7		BGR	80528011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	68.20		P	14:06:23.876		144.2		6.26		TAS		6.0	0.89	m_e	mb	4.8
BFO	68.20		L	14:36:59.895						T__		41.3	18.60	a_e	Ms	3.7
BRG	68.11		P	14:06:23.530		144.2		6.26		TAS		7.7	1.03	m_e	mb	4.9
CLL	68.80		P	14:06:27.535		144.2		6.26		TAS		6.1	0.99	m_e	mb	4.8
GEC2	66.50		P	14:06:13.147		144.2		6.26		TAS		11.9	1.04	m_e	mb	5.1
KAST	70.41		P	14:06:38.313		144.2		6.26		TAS		6.5	0.80	m_e	mb	4.8
MOX	68.75		P	14:06:27.535		144.2		6.26		TAS		5.9	0.87	m_e	mb	4.8
MOX	68.75		L	14:31:48.919						T__		43.0	20.70	a_e	Ms	3.7
OJC	65.68		P	14:06:07.893		144.2		6.26		TAS		5.8	0.76	m_e	mb	4.9
PLN	68.42		P	14:06:25.112		144.2		6.26		TAS		6.5	0.88	m_e	mb	4.9
RETH	71.27		P	14:06:42.772	0.1	144.2		6.26		TAS		9.0	1.16	m_e	mb	4.8
RJOB	65.93		P	14:06:09.290		144.2		6.26		TAS		5.0	0.78	m_e	mb	4.8
TANN	68.26		P	14:06:24.420		144.2		6.26		TAS		9.5	1.11	m_e	mb	4.9
UBR	66.95		P	14:06:16.311		144.2		6.26		TAS		21.4	1.18	m_e	mb	5.3

Event 80530004 Greenland Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/05/30	10:30:45.57			76.3300	-1.0900				33.0			24		22.90	29.25	m i ke	BGR
OrigID																	

80530010

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80530010
Ms	4.0		BGR	80530010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	26.09		P	10:36:17.106		354.4		9.21		TAS		64.6	0.99	m_e	mb	5.2
BFO	28.36		P	10:36:37.134		354.4		9.21		TAS		17.8	1.00	m_e	mb	4.8
BRG	26.23		P	10:36:17.895	-0.4	354.4		9.21		TAS		33.6	1.12	m_e	mb	4.9
BSEG	22.90		P	10:35:47.127	1.0	354.4		9.21		TAS		81.4	1.00	m_e	mb	5.2
BUG	25.20		P	10:36:08.518		354.4		9.21		TAS		59.6	0.99	m_e	mb	5.3
CLL	25.72		P	10:36:12.886	0.6	354.4		9.21		TAS		56.9	1.13	m_e	mb	5.1
CLZ	24.99		P	10:36:06.979	0.3	354.4		9.21		TAS		21.3	0.90	m_e	mb	4.9
FLT1	24.57		P	10:36:02.363	0.2	354.4		9.21		TAS		48.2	1.16	m_e	mb	5.1
GEC2	28.22		P	10:36:36.786	-0.1	354.4		9.21		TAS		40.2	1.17	m_e	mb	5.1
GOR1	23.91		P	10:35:57.961	-0.6	354.4		9.21		TAS		274.0	1.58	m_e	mb	5.5
GRA1	27.19		P	10:36:26.613	0.0	354.4		9.21		TAS				m_e		
GRA1	27.19		L	10:46:34.431						T__		660.5	20.90	a_e	Ms	4.1
GTTG	25.26		P	10:36:09.682	0.2	354.4		9.21		TAS		49.1	1.11	m_e	mb	5.1
KAST	25.50		P	10:36:11.662		354.4		9.21		TAS		53.3	1.03	m_e	mb	5.1
MANZ	26.96		P	10:36:24.546	-0.5	354.4		9.21		TAS		4.2	1.05	m_e	mb	4.1
MOX	26.27		P	10:36:18.507	0.0	354.4		9.21		TAS		50.9	0.94	m_e	mb	5.1
MOX	26.27		L	10:46:07.560						T__		398.0	20.20	a_e	Ms	3.9
NEUB	25.74		P	10:36:13.632	-0.1	354.4		9.21		TAS		105.0	0.91	m_e	mb	5.5
NRDL	24.32		P	10:36:00.724	-0.2	354.4		9.21		TAS		62.9	1.10	m_e	mb	5.1
PLN	26.47		P	10:36:20.360	-0.4	354.4		9.21		TAS		84.5	0.96	m_e	mb	5.3
RETH	24.03		P	10:35:58.148	0.2	354.4		9.21		TAS		68.7	1.34	m_e	mb	5.0
RJOB	29.25		P	10:36:46.175	0.2	354.4		9.21		TAS		29.0	0.96	m_e	mb	5.1
TANN	26.56		P	10:36:21.425	0.0	354.4		9.21		TAS		68.6	1.03	m_e	mb	5.3
TNS	26.48		P	10:36:20.437		354.4		9.21		TAS		68.3	1.42	m_e	mb	5.1
UBBA	25.98		P	10:36:15.589	-0.3	354.4		9.21		TAS		64.0	1.60	m_e	mb	5.0
UBR	29.12		P	10:36:44.691		354.4		9.21		TAS		26.7	0.97	m_e	mb	5.0