

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

(produced by the Federal Seismological Survey/BGR - HANNOVER)

March 2022 UPDATED 12.April 2022

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

Event 20301002 Near Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/01	22:31:24.62			53.2090	173.3820				33.0			18		72.17	78.90	m i ke	BGR
OrigID 20301008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	20301008
Ms	4.7		BGR	20301008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.85		P	22:43:06.667		10.9		5.70		TAS		8.0	0.81	m_e mb	4.9
BFO	77.91		P	22:43:17.595		10.9		5.70		TAS		11.7	1.06	m_e mb	4.9
BSEG	72.17		P	22:42:45.068	1.0	10.9		5.70		TAS		15.1	0.88	m_e mb	5.1
CLL	74.43		P	22:42:57.911	0.1	10.9		5.70		TAS		51.6	1.94	m_e mb	5.2
CLZ	74.22		P	22:42:57.209	0.2	10.9		5.70		TAS		14.8	1.10	m_e mb	4.9
GEC2	76.74		P	22:43:11.610		10.9		5.70		TAS		8.6	1.10	m_e mb	4.8
GOR1	72.99		P	22:42:51.265	0.1	10.9		5.70		TAS		35.0	1.31	m_e mb	5.3
GRA1	76.24		P	22:43:08.903		10.9		5.70		TAS		10.0	0.93	m_e mb	4.9
GRA1	76.24		L	23:18:21.931						T__		415.5	20.20	a_e Ms	4.7
IBBN	74.04		P	22:42:56.292	-0.0	10.9		5.70		TAS		32.8	0.87	m_e mb	5.4
KAST	75.07		P	22:43:02.169	0.3	10.9		5.70		TAS		12.2	1.11	m_e mb	4.8
KBA	78.52		P	22:43:22.078		10.9		5.70		TAS		34.8	0.88	m_e mb	5.4
MOX	75.25		P	22:43:03.154	0.1	10.9		5.70		TAS		70.3	2.34	m_e mb	5.3
MOX	75.25		L	23:13:28.281						T__		409.0	22.00	a_e Ms	4.7
NEUB	74.70		P	22:42:59.927	0.0	10.9		5.70		TAS		42.8	1.57	m_e mb	5.2
OBKA	78.90		P	22:43:23.723		10.9		5.70		TAS		18.6	0.96	m_e mb	5.1
RETH	73.45		P	22:42:52.587	-0.5	10.9		5.70		TAS		9.2	1.00	m_e mb	4.8
TNS	76.03		P	22:43:07.630		10.9		5.70		TAS		10.2	1.04	m_e mb	4.9
WLF	76.80		P	22:43:12.057		10.9		5.70		TAS		20.6	1.18	m_e mb	5.1
WTTA	78.57		P	22:43:22.209		10.9		5.70		TAS		32.0	1.27	m_e mb	5.2

Event 20302001 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/02	12:52:09.10			-30.1400	-177.8000				40.0				24	155.43	161.16	m i ke	EMSC
OrigID																	
20302033																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	159.21		PKPab	13:12:39.693	-0.4	22.6		4.11		TAS					m_e
ASSE	157.08		PKPab	13:12:31.025	0.2	22.6		4.11		TAS					m_e
BFO	161.16		PKPab	13:12:48.631		22.6		4.11		TAS					m_e
BSEG	155.43		PKPab	13:12:25.396	-0.4	22.6		4.11		TAS					m_e
BUG	158.31		PKPab	13:12:36.151	-0.3	22.6		4.11		TAS					m_e
CLL	157.31		PKPab	13:12:31.952	-0.0	22.6		4.11		TAS					m_e
CLZ	157.41		PKPab	13:12:32.924	-0.5	22.6		4.11		TAS					m_e
FLT1	156.78		PKPab	13:12:29.429	0.3	22.6		4.11		TAS					m_e
FUR	160.63		PKPab	13:12:46.990		22.6		4.11		TAS					m_e
GEC2	159.31		PKPab	13:12:40.958	0.9	22.6		4.11		TAS					m_e
GOR1	156.14		PKPab	13:12:26.942	-0.2	22.6		4.11		TAS					m_e
GRA1	159.24		PKPab	13:12:40.158	0.6	22.6		4.11		TAS					m_e
GTTG	157.77		PKPab	13:12:34.342	-0.4	22.6		4.11		TAS					m_e
HLG	155.54		PKPab	13:12:26.624	0.9	22.6		4.11		TAS					m_e
IBBN	157.40		PKPab	13:12:32.750	-0.2	22.6		4.11		TAS					m_e
KAST	158.37		PKPab	13:12:36.448	-0.0	22.6		4.11		TAS					m_e
MOX	158.26		PKPab	13:12:36.142	-0.5	22.6		4.11		TAS					m_e
NEUB	157.72		PKPab	13:12:33.892	-0.7	22.6		4.11		TAS					m_e
PLN	158.28		PKPab	13:12:36.552	-0.4	22.6		4.11		TAS					m_e
RETH	156.74		PKPab	13:12:29.731	-0.1	22.6		4.11		TAS					m_e
STU	160.56		PKPab	13:12:46.269		22.6		4.11		TAS					m_e
TANN	158.26		PKPab	13:12:35.768	-0.1	22.6		4.11		TAS					m_e
TNS	159.31		PKPab	13:12:40.158	-0.1	22.6		4.11		TAS					m_e
WLF	160.19		PKPab	13:12:44.149	0.7	22.6		4.11		TAS					m_e

Event 20302002 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/02	17:02:36.20			49.6420	154.7300				33.0				19	72.89	78.23	m i ke	BGR
OrigID																	
20302008																	

Magnitude Err Nsta Author OrigID

mb 5.4 BGR 20302008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.31		P	17:14:20.378	-0.4	23.4		5.71		TAS		46.5	1.04	m_e mb	5.5
BFO	78.07		P	17:14:30.063		23.4		5.71		TAS		28.7	1.00	m_e mb	5.4
BUG	75.42		P	17:14:15.124	0.0	23.4		5.71		TAS		26.9	0.88	m_e mb	5.4
CLL	74.15		P	17:14:07.448	0.1	23.4		5.71		TAS		33.4	0.86	m_e mb	5.4
CLZ	74.32		P	17:14:09.209	0.1	23.4		5.71		TAS		39.1	0.92	m_e mb	5.4
FLT1	73.67		P	17:14:04.922	0.2	23.4		5.71		TAS		22.1	0.93	m_e mb	5.2
GEC2	76.20		P	17:14:20.072		23.4		5.71		TAS		16.1	0.68	m_e mb	5.3
GRA1	76.09		P	17:14:19.680		23.4		5.71		TAS		67.4	0.86	m_e mb	5.8
GTTG	74.70		P	17:14:11.504	0.1	23.4		5.71		TAS		16.0	0.77	m_e mb	5.1
IBBN	74.51		P	17:14:10.183	-0.7	23.4		5.71		TAS		35.3	0.88	m_e mb	5.4
KAST	75.38		P	17:14:15.230	0.0	23.4		5.71		TAS		32.9	0.88	m_e mb	5.5
MOX	75.11		P	17:14:13.659	-0.0	23.4		5.71		TAS		26.1	1.02	m_e mb	5.2
NEUB	74.57		P	17:14:10.430	0.5	23.4		5.71		TAS		18.9	0.73	m_e mb	5.2
PLN	75.12		P	17:14:13.641	-0.1	23.4		5.71		TAS		5.8	0.83	m_e mb	4.6
RUE	72.89		P	17:14:00.944	-0.1	23.4		5.71		TAS		26.8	0.77	m_e mb	5.4
STU	77.45		P	17:14:26.932		23.4		5.71		TAS		113.9	1.23	m_e mb	5.9
TANN	75.11		P	17:14:13.610		23.4		5.71		TAS		87.7	2.05	m_e mb	5.4
TNS	76.28		P	17:14:20.291		23.4		5.71		TAS		46.9	0.66	m_e mb	5.8
UBR	78.23		P	17:14:31.265		23.4		5.71		TAS		63.8	1.55	m_e mb	5.5

Event 20303002 Oaxaca, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/03	14:40:21.96			17.5150	-95.2890				33.0			23		83.98	88.85	m i ke	BGR
OrigID 20303008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	20303008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.23		S	15:03:08.584		290.4		9.31		TAS				m_e	
AHRW	84.23		P	14:52:49.958	-0.1	293.7		4.85		TAS		103.4	1.00	m_e mb	6.0
ASSE	85.73		S	15:03:15.642		290.4		9.31		TAS				m_e	
ASSE	85.73		P	14:52:57.513	-0.4	293.7		4.85		TAS		204.1	1.01	m_e mb	6.2
BFO	85.80		S	15:03:14.466		290.4		9.31		TAS				m_e	
BFO	85.80		P	14:52:57.132		293.7		4.85		TAS		108.2	1.44	m_e mb	5.8
BSEG	84.83		S	15:03:12.113		290.4		9.31		TAS				m_e	
BSEG	84.83		P	14:52:52.956	0.3	293.7		4.85		TAS		247.3	0.91	m_e mb	6.4
BUG	84.03		S	15:02:53.292		290.4		9.31		TAS				m_e	
BUG	84.03		P	14:52:48.552	0.2	293.7		4.85		TAS		149.0	1.51	m_e mb	6.0
CLL	87.39		S	15:03:37.992		290.4		9.31		TAS				m_e	
CLL	87.39		P	14:53:04.790	-0.2	293.7		4.85		TAS		25.3	1.01	m_e mb	5.3
CLZ	85.67		S	15:03:13.290		290.4		9.31		TAS				m_e	
CLZ	85.67		P	14:52:57.389	-0.5	293.7		4.85		TAS		165.8	1.07	m_e mb	6.1

Station	Mag	Type	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
FLT1	85.97	S	15:03:14.466		290.4				9.31	TAS								m_e	
FLT1	85.97	P	14:52:58.074	0.3	293.7				4.85	TAS	138.8	1.09						m_e mb	6.0
FUR	87.67	S	15:03:47.403		290.4				9.31	TAS								m_e	
GEC2	88.85	P	14:53:12.210		293.7				4.85	TAS	34.1	1.14						m_e mb	5.5
GOR1	85.74	P	14:52:57.275	-0.3	293.7				4.85	TAS	115.7	1.11						m_e mb	5.9
GRA1	87.02	S	15:03:20.348		290.4				9.31	TAS								m_e	
GRA1	87.02	P	14:53:03.794	0.4	293.7				4.85	TAS	148.2	1.43						m_e mb	5.9
GTTG	85.55	S	15:03:19.171		290.4				9.31	TAS								m_e	
GTTG	85.55	P	14:52:56.732	0.0	293.7				4.85	TAS	190.2	1.10						m_e mb	6.1
IBBN	84.01	S	15:04:08.576		290.4				9.31	TAS								m_e	
IBBN	84.01	P	14:52:48.555	0.4	293.7				4.85	TAS	156.7	1.07						m_e mb	6.2
KAST	84.79	S	15:03:16.819		290.4				9.31	TAS								m_e	
KAST	84.79	P	14:52:52.648	0.0	293.7				4.85	TAS	115.4	1.07						m_e mb	6.0
MOX	86.87	S	15:03:26.229		290.4				9.31	TAS								m_e	
MOX	86.87	P	14:53:02.591	-0.0	293.7				4.85	TAS	81.8	1.27						m_e mb	5.7
NEUB	86.73	P	14:53:02.315	-0.1	293.7				4.85	TAS	114.6	1.16						m_e mb	5.9
PLN	87.25	S	15:03:20.348		290.4				9.31	TAS								m_e	
PLN	87.25	P	14:53:04.478	0.3	293.7				4.85	TAS	30.8	1.29						m_e mb	5.3
RETH	84.76	P	14:52:52.806	-0.3	293.7				4.85	TAS	224.9	1.07						m_e mb	6.3
RUE	87.32	S	15:03:35.640		290.4				9.31	TAS								m_e	
STU	86.16	S	15:03:16.819		290.4				9.31	TAS								m_e	
STU	86.16	P	14:52:59.519		293.7				4.85	TAS	283.5	1.14						m_e mb	6.3
TANN	87.45	S	15:03:41.521		290.4				9.31	TAS								m_e	
TANN	87.45	P	14:53:05.382	-0.2	293.7				4.85	TAS	68.9	1.24						m_e mb	5.6
TNS	85.17	S	15:03:19.171		290.4				9.31	TAS								m_e	
TNS	85.17	P	14:52:54.471	0.2	293.7				4.85	TAS	189.3	1.02						m_e mb	6.3
UBR	87.15	S	15:03:21.524		290.4				9.31	TAS								m_e	
UBR	87.15	P	14:53:04.496		293.7				4.85	TAS	64.6	1.06						m_e mb	5.7
WLF	83.98	S	15:02:59.174		290.4				9.31	TAS								m_e	
WLF	83.98	P	14:52:48.646	-0.4	293.7				4.85	TAS	43.9	0.91						m_e mb	5.7

Event 20304006 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/04	22:29:45.30		38.8470	142.7410					10.0					81.00	81.92	m i ke	NEIC
20304045																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	20304012
Ms	4.8		BGR	20304012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.92		P	22:42:04.404		35.1		4.55		TAS		8.3	0.99	m_e mb	4.8
GRA1	81.92		L	23:22:51.806						T__		329.5	19.60	a_e Ms	4.7
MOX	81.00		L	23:21:19.984						T__		493.0	20.70	a_e Ms	4.8

Event 20305002 Jujuy Province, Argentina

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/05	01:10:06.60			-22.2820	-65.9690				247.0				5	95.89	100.55	m i ke	NEIC
OrigID 20305041																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	96.82		Pdiff	01:23:09.530	0.3	246.0		4.63		TAS					m_e
ASSE	99.54		Pdiff	01:23:22.170	0.3	246.0		4.63		TAS					m_e
BFO	96.57		Pdiff	01:23:07.586	-0.4	246.0		4.63		TAS					m_e
BFO	96.57		PP	01:27:02.210	-0.1	242.8		7.53		TAS					m_e
BUG	97.34		Pdiff	01:23:11.416	-0.2	246.0		4.63		TAS					m_e
CLL	100.55		Pdiff	01:23:26.144	-0.3	246.0		4.63		TAS					m_e
CLZ	99.25		Pdiff	01:23:20.026	-0.5	246.0		4.63		TAS					m_e
FLT1	99.94		Pdiff	01:23:24.157	0.5	246.0		4.63		TAS					m_e
FLT1	99.94		PP	01:27:28.750		242.8		7.53		TAS					m_e
FUR	98.29		Pdiff	01:23:16.169	0.3	246.0		4.63		TAS					m_e
GEC2	100.03		Pdiff	01:23:23.561	-0.4	246.0		4.63		TAS					m_e
GRA1	98.87		Pdiff	01:23:18.726	0.1	246.0		4.63		TAS					m_e
GTTG	98.90		Pdiff	01:23:19.586	0.7	246.0		4.63		TAS					m_e
IBBN	97.99		Pdiff	01:23:14.418	-0.3	246.0		4.63		TAS					m_e
KAST	97.88		Pdiff	01:23:13.980	-0.1	246.0		4.63		TAS					m_e
MOX	99.49		Pdiff	01:23:21.245	-0.2	246.0		4.63		TAS					m_e
MULD	99.86		PP	01:27:27.290		242.8		7.53		TAS					m_e
NEUB	99.79		Pdiff	01:23:22.754	-0.2	246.0		4.63		TAS					m_e
PLN	99.74		Pdiff	01:23:22.514	-0.2	246.0		4.63		TAS					m_e
RETH	99.06		Pdiff	01:23:19.362	-0.3	246.0		4.63		TAS					m_e
SONN	99.16		PP	01:27:22.721		242.8		7.53		TAS					m_e
STU	97.28		Pdiff	01:23:11.241	0.0	246.0		4.63		TAS					m_e
TANN	99.89		Pdiff	01:23:23.875	0.5	246.0		4.63		TAS					m_e
TNS	97.47		Pdiff	01:23:12.347	0.2	246.0		4.63		TAS					m_e
UBR	97.37		Pdiff	01:23:11.758	0.1	246.0		4.63		TAS					m_e
UBR	97.37		PP	01:27:07.659		242.8		7.53		TAS					m_e
WLF	95.89		Pdiff	01:23:04.835	-0.1	246.0		4.63		TAS					m_e

Event 20305005 Central Peru

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/05	07:45:28.50			-10.4680	-74.1440				134.0				8	91.73	96.42	m i ke	NEIC
OrigID 20305044																	

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 20305011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	95.16		P	07:58:37.742		258.9		4.70		TAS		9.5	1.14	m_e	mb 5.1
BUG	92.84		pP	07:58:59.071	-0.4	257.9		4.42		TAS				m_e	
CLL	96.34		P	07:58:42.349		258.9		4.70		TAS		7.1	1.62	m_e	mb 4.9
GEC2	96.42		P	07:58:42.600		258.9		4.70		TAS		4.2	0.98	m_e	mb 4.9
GEC2	96.42		pP	07:59:14.510		257.9		4.42		TAS				m_e	
GRA1	94.95		P	07:58:35.647		258.9		4.70		TAS		5.3	1.06	m_e	mb 4.9
GRA1	94.95		pP	07:59:07.496		257.9		4.42		TAS				m_e	
NEUB	95.55		P	07:58:39.060		258.9		4.70		TAS		5.6	0.64	m_e	mb 5.2
TANN	95.86		P	07:58:41.065		258.9		4.70		TAS		7.7	1.42	m_e	mb 5.0
UBR	93.85		P	07:58:30.892		258.9		4.70		TAS		15.1	1.32	m_e	mb 5.2
UBR	93.85		pP	07:59:02.837		257.9		4.42		TAS				m_e	
WLF	91.73		P	07:58:20.830	-0.1	258.9		4.70		TAS		15.5	0.98	m_e	mb 5.3
WLF	91.73		pP	07:58:53.805	0.0	257.9		4.42		TAS				m_e	

Event 20305007 Off west coast of northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/05	12:02:42.31		4.3400	94.9130				53.4				27		80.98	85.93	m i ke	BGR
OrigID 20305013																	

Magnitude Err Nsta Author OrigID
 mb 5.8 BGR 20305013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	85.31		P	12:15:13.252	0.2	92.0		5.19		TAS		56.3	0.96	a_e	mb 5.8
ASSE	83.06		P	12:15:01.202	-0.2	92.0		5.19		TAS		65.3	1.03	a_e	mb 5.8
BFO	84.53		P	12:15:08.552	-0.4	92.0		5.19		TAS		40.4	0.75	a_e	mb 5.7
BSEG	83.33		P	12:15:02.952	0.2	92.0		5.19		TAS		137.2	0.97	a_e	mb 6.2
BUG	85.17		P	12:15:12.252	-0.1	92.0		5.19		TAS		72.5	0.86	a_e	mb 5.9
CLL	81.58		P	12:14:53.402	-0.3	92.0		5.19		TAS		48.8	0.95	a_e	mb 5.6
CLZ	83.24		P	12:15:02.452	0.1	92.0		5.19		TAS		85.1	1.00	m_e	mb 5.9
FLT1	82.72		P	12:14:58.852	-0.8	92.0		5.19		TAS		30.3	0.88	m_e	mb 5.5
FUR	82.56		P	12:14:58.602	-0.1	92.0		5.19		TAS		286.7	1.75	a_e	mb 6.2
GEC2	80.98		P	12:14:51.002	0.5	92.0		5.19		TAS		148.1	0.91	a_e	mb 6.0
GOR1	82.71		P	12:14:59.552	0.0	92.0		5.19		TAS		117.7	1.24	a_e	mb 6.0
GRA1	82.64		P	12:14:59.752	0.6	92.0		5.19		TAS		74.1	0.85	a_e	mb 5.9
GRA1	82.64		pP	12:15:15.027						T__				m_e	
GTTG	83.49		P	12:15:03.652	0.1	92.0		5.19		TAS		98.9	1.10	a_e	mb 6.0
HLG	84.77		P	12:15:10.252	0.0	92.0		5.19		TAS		92.0	0.93	a_e	mb 6.0
IBBN	84.86		P	12:15:10.702	-0.0	92.0		5.19		TAS		95.4	0.90	a_e	mb 6.0
KAST	84.45		P	12:15:08.702	0.1	92.0		5.19		TAS		66.5	1.23	m_e	mb 5.7
MOX	82.42		P	12:14:58.152	0.1	92.0		5.19		TAS		36.7	0.87	a_e	mb 5.5

NEUB	82.34	P	12:14:57.502	-0.2	92.0	5.19	TAS	98.0	1.04	a_e	mb	5.9
PLN	82.07	P	12:14:56.302	0.1	92.0	5.19	TAS	14.0	0.90	a_e	mb	5.1
RETH	83.88	P	12:15:05.652	0.0	92.0	5.19	TAS	64.9	1.11	a_e	mb	5.8
RGN	81.60	P	12:14:53.852	0.1	92.0	5.19	TAS	94.2	0.92	a_e	mb	5.9
RUE	81.18	P	12:14:51.502	-0.1	92.0	5.19	TAS	179.4	0.76	a_e	mb	6.2
STU	83.95	P	12:15:05.802	-0.2	92.0	5.19	TAS	102.9	0.80	a_e	mb	6.1
TANN	81.87	P	12:14:55.352	0.1	92.0	5.19	TAS	41.8	1.11	a_e	mb	5.5
TNS	84.44	P	12:15:08.702	0.2	92.0	5.19	TAS	51.1	0.89	a_e	mb	5.8
UBR	83.33	P	12:15:02.502	-0.2	92.0	5.19	TAS	46.5	0.72	a_e	mb	5.8
WLF	85.93	P	12:15:16.502	0.2	92.0	5.19	TAS	89.1	1.24	a_e	mb	5.8

Event 20305008 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/05	13:33:32.39			3.4310	97.7820				160.0			25		82.25	88.48	m i ke	BGR
20305014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	20305014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	87.83		P	13:46:02.898		90.4		4.96		TAS		20.3	1.00	m_e	mb	5.4
ARSA	82.25		P	13:45:35.850	0.8	90.4		4.96		TAS		17.3	1.39	m_e	mb	5.0
ASSE	85.54		P	13:45:50.988	0.2	90.4		4.96		TAS		19.7	0.91	m_e	mb	5.2
BFO	87.11		P	13:45:58.970		90.4		4.96		TAS		9.3	0.94	m_e	mb	4.9
BSEG	85.76		P	13:45:52.549		90.4		4.96		TAS		21.4	1.01	m_e	mb	5.2
BUG	87.67		P	13:46:01.980		90.4		4.96		TAS		23.5	0.90	m_e	mb	5.5
CLL	84.08		P	13:45:43.406	0.8	90.4		4.96		TAS		9.6	1.10	m_e	mb	4.9
CLZ	85.73		P	13:45:52.070		90.4		4.96		TAS		22.1	0.81	m_e	mb	5.3
GEC2	83.55		P	13:45:41.550	0.1	90.4		4.96		TAS		9.6	0.91	m_e	mb	5.0
GOR1	85.16		P	13:45:50.162	0.2	90.4		4.96		TAS		24.0	1.02	m_e	mb	5.4
GRA1	85.19		P	13:45:50.515	-0.2	90.4		4.96		TAS		11.8	0.77	m_e	mb	5.2
GTTG	85.98		P	13:45:53.801		90.4		4.96		TAS		26.2	1.00	m_e	mb	5.3
IBBN	87.33		P	13:46:00.481		90.4		4.96		TAS		29.6	1.02	m_e	mb	5.4
KAST	86.96		P	13:45:58.261		90.4		4.96		TAS		15.0	0.82	m_e	mb	5.2
MOA	83.13		P	13:45:39.186	0.0	90.4		4.96		TAS		6.3	0.81	m_e	mb	4.9
MOX	84.94		P	13:45:48.240	0.1	90.4		4.96		TAS		6.4	0.89	m_e	mb	4.9
NEUB	84.85		P	13:45:47.911	0.1	90.4		4.96		TAS		15.7	0.65	m_e	mb	5.4
PLN	84.59		P	13:45:46.872	-0.3	90.4		4.96		TAS		2.3	1.00	m_e	mb	4.4
RETH	86.34		P	13:45:55.947		90.4		4.96		TAS		29.7	1.40	m_e	mb	5.2
RUE	83.64		P	13:45:41.696	0.1	90.4		4.96		TAS		55.3	0.72	m_e	mb	5.9
STU	86.52		P	13:45:56.415		90.4		4.96		TAS		23.9	0.70	m_e	mb	5.4
TANN	84.40		P	13:45:45.929	-0.5	90.4		4.96		TAS		3.3	0.91	m_e	mb	4.6
TNS	86.97		P	13:45:58.727		90.4		4.96		TAS		25.9	0.84	m_e	mb	5.4
UBR	85.93		P	13:45:52.806		90.4		4.96		TAS		8.5	0.71	m_e	mb	5.0
WLF	88.48		P	13:46:06.270		90.4		4.96		TAS		14.6	0.91	m_e	mb	5.3

Event 20305009 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/05	20:14:16.05			-16.5270	-173.4740				33.0			18		142.46	149.30	m i ke	BGR
OrigID 20305015																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.15		PKPbc	20:33:57.542		8.2		2.97		TAS					m_e
BSEG	142.46		PKPbc	20:33:40.003	0.1	8.2		2.97		TAS					m_e
BUG	145.07		PKPbc	20:33:48.242	0.9	8.2		2.97		TAS					m_e
CLL	144.83		PKPbc	20:33:47.125	0.4	8.2		2.97		TAS					m_e
CLZ	144.54		PKPbc	20:33:46.902	0.2	8.2		2.97		TAS					m_e
DAVA	149.10		PKPbc	20:34:00.138		8.2		2.97		TAS					m_e
FETA	149.30		PKPbc	20:34:00.589		8.2		2.97		TAS					m_e
GRA1	146.61		PKPbc	20:33:53.748		8.2		2.97		TAS					m_e
GTTG	144.86		PKPbc	20:33:47.870	1.0	8.2		2.97		TAS					m_e
IBBN	144.19		PKPbc	20:33:45.712	0.1	8.2		2.97		TAS					m_e
KAST	145.28		PKPbc	20:33:49.209	-0.5	8.2		2.97		TAS					m_e
MOX	145.63		PKPbc	20:33:50.102	-0.2	8.2		2.97		TAS					m_e
NEUB	145.07		PKPbc	20:33:48.316	-0.1	8.2		2.97		TAS					m_e
PLN	145.73		PKPbc	20:33:50.474	-0.3	8.2		2.97		TAS					m_e
SQTA	149.05		PKPbc	20:33:59.663		8.2		2.97		TAS					m_e
TANN	145.77		PKPbc	20:33:50.846		8.2		2.97		TAS					m_e
TNS	146.26		PKPbc	20:33:53.004		8.2		2.97		TAS					m_e
UBR	148.70		PKPbc	20:33:58.882		8.2		2.97		TAS					m_e

Event 20305010 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/05	22:09:17.10			-20.0280	-173.9680				33.0			12		145.90	150.51	m i ke	BGR
OrigID 20305016																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.45		PKPbc	22:29:03.517		9.8		2.56		TAS					m_e
BSEG	145.90		PKPbc	22:28:53.734	0.3	9.8		2.56		TAS					m_e
CLL	148.22		PKPbc	22:28:59.986		9.8		2.56		TAS					m_e
CLZ	147.98		PKPbc	22:28:59.559	0.1	9.8		2.56		TAS					m_e
GEC2	150.51		PKPbc	22:29:05.535		9.8		2.56		TAS					m_e

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Thu Aug 24 08:27:56 2023

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IBBN	147.66	PKPbc	22:28:58.448	0.1	9.8	2.56	TAS	m_e
KAST	148.74	PKPbc	22:29:01.487		9.8	2.56	TAS	m_e
MOX	149.04	PKPbc	22:29:02.113		9.8	2.56	TAS	m_e
NEUB	148.48	PKPbc	22:29:00.726		9.8	2.56	TAS	m_e
PLN	149.13	PKPbc	22:29:02.150		9.8	2.56	TAS	m_e
TANN	149.16	PKPbc	22:29:02.397		9.8	2.56	TAS	m_e
TNS	149.72	PKPbc	22:29:03.518		9.8	2.56	TAS	m_e

Event 20306001 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/06	01:13:47.82			30.1800	129.3100				33.0			25		79.24	85.76	m i ke	BGR
OrigID 20306007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20306007
Ms	5.1		BGR	20306007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.73	P		01:26:20.299	0.7	50.3		5.17		TAS		45.2	1.45	a_e	mb 5.5
ASSE	81.99	P		01:26:05.349	0.0	50.3		5.17		TAS		21.9	0.95	a_e	mb 5.3
BSEG	80.99	P		01:26:00.149	0.1	50.3		5.17		TAS		43.7	0.91	a_e	mb 5.5
BUG	84.03	P		01:26:15.349	-0.1	50.3		5.17		TAS		68.1	1.36	a_e	mb 5.7
CLL	81.39	P		01:26:01.849	-0.3	50.3		5.17		TAS		55.5	0.85	a_e	mb 5.6
CLZ	82.32	P		01:26:07.349	-0.3	50.3		5.17		TAS		68.7	0.89	m_e	mb 5.8
FLT1	81.59	P		01:26:02.849	0.1	50.3		5.17		TAS		63.6	0.91	a_e	mb 5.7
FUR	84.24	P		01:26:16.849	0.9	50.3		5.17		TAS		65.6	1.09	a_e	mb 5.8
GEC2	82.56	P		01:26:07.849	-0.3	50.3		5.17		TAS		24.0	0.93	a_e	mb 5.4
GOR1	81.14	P		01:26:01.249	0.4	50.3		5.17		TAS		73.8	1.07	a_e	mb 5.6
GRA1	83.29	P		01:26:12.199	-0.4	50.3		5.17		TAS		46.4	1.14	a_e	mb 5.6
GRA1	83.29	L		02:08:39.675						T__		788.2	19.70	a_e	Ms 5.1
GTTG	82.70	P		01:26:09.049	0.3	50.3		5.17		TAS		43.4	0.86	a_e	mb 5.7
IBBN	83.22	P		01:26:11.299	-0.1	50.3		5.17		TAS		55.2	0.93	a_e	mb 5.8
KAST	83.66	P		01:26:13.749	0.0	50.3		5.17		TAS		24.1	0.98	a_e	mb 5.4
MOX	82.48	P		01:26:07.699	0.1	50.3		5.17		TAS		17.1	0.95	a_e	mb 5.3
MOX	82.48	L		02:07:59.740						T__		640.7	18.30	a_e	Ms 5.0
NEUB	82.06	P		01:26:05.549	-0.1	50.3		5.17		TAS		70.2	0.86	a_e	mb 5.8
PLN	82.32	P		01:26:06.849	-0.1	50.3		5.17		TAS		8.7	1.04	a_e	mb 4.8
RETH	82.21	P		01:26:06.349	-0.1	50.3		5.17		TAS		40.9	1.04	a_e	mb 5.5
RGN	79.24	P		01:25:50.803	-0.1	50.3		5.17		TAS		49.5	0.91	m_e	mb 5.5
RUE	80.29	P		01:25:56.549	0.1	50.3		5.17		TAS		63.2	0.98	a_e	mb 5.5
STU	84.90	P		01:26:19.549	-0.4	50.3		5.17		TAS		40.6	1.07	a_e	mb 5.6
TANN	82.21	P		01:26:06.299	0.4	50.3		5.17		TAS		21.5	1.13	a_e	mb 5.2
TNS	84.30	P		01:26:17.049	-0.7	50.3		5.17		TAS		27.3	1.23	a_e	mb 5.3
UBR	85.15	P		01:26:22.299		50.3		5.17		TAS		27.7	1.06	a_e	mb 5.4
WLF	85.76	P		01:26:24.349		50.3		5.17		TAS		27.9	1.12	a_e	mb 5.3

Event 20306003 Azores Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/06	02:26:13.58			40.8460	-29.8310				33.0					29.87	30.16	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	20306009
Ms	4.2		BGR	20306009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	29.87		P	02:32:17.812		266.6		8.80		TAS		17.2	1.48	m_e	mb 4.7
GRA1	29.87		L	02:42:49.056						T__		536.3	18.90	a_e	Ms 4.2
MOX	30.16		L	02:42:51.824						T__		462.0	19.80	a_e	Ms 4.1

Event 20306004 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/06	02:33:28.97			-22.7900	-176.2700				109.6	1.4		25		148.42	154.56	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	152.09		PKPbc	02:53:11.348	-0.0	13.9		2.27		TAS				m_e	
ASSE	150.14		PKPbc	02:53:06.925	0.1	13.9		2.27		TAS				m_e	
BFO	154.16		PKPbc	02:53:15.739	-0.2	13.9		2.27		TAS				m_e	
BFO	154.16		PKPab	02:53:29.244		12.4		4.02		TAS				m_e	
BSEG	148.42		PKPbc	02:53:02.430	-0.5	13.9		2.27		TAS				m_e	
BUG	151.18		PKPbc	02:53:09.058	-0.3	13.9		2.27		TAS				m_e	
BUG	151.18		pPKPbc	02:53:39.111		15.1		2.36		TAS				m_e	
CLL	150.56		PKPbc	02:53:07.905	0.1	13.9		2.27		TAS				m_e	
CLZ	150.46		PKPbc	02:53:07.847	0.3	13.9		2.27		TAS				m_e	
CLZ	150.46		PKPab	02:53:14.347		12.4		4.02		TAS				m_e	
CLZ	150.46		pPKPbc	02:53:37.573		15.1		2.36		TAS				m_e	
FLT1	149.87		PKPbc	02:53:06.003	-0.1	13.9		2.27		TAS				m_e	
FLT1	149.87		pPKPbc	02:53:35.571	-0.0	15.1		2.36		TAS				m_e	
FUR	153.89		PKPbc	02:53:15.087	-0.2	13.9		2.27		TAS				m_e	
GEC2	152.74		PKPbc	02:53:12.746	-0.1	13.9		2.27		TAS				m_e	
GOR1	149.21		PKPbc	02:53:04.689	0.0	13.9		2.27		TAS				m_e	
GRA1	152.43		PKPbc	02:53:12.054	0.1	13.9		2.27		TAS				m_e	
GRA1	152.43		PKPab	02:53:22.717		12.4		4.02		TAS				m_e	

GTTG	150.81	PKPbc	02:53:08.539	0.2	13.9	2.27	TAS	m_e
IBBN	150.28	PKPbc	02:53:07.213	-0.0	13.9	2.27	TAS	m_e
IBBN	150.28	PKPab	02:53:13.960		12.4	4.02	TAS	m_e
KAST	151.32	PKPbc	02:53:09.634	0.1	13.9	2.27	TAS	m_e
MOX	151.44	PKPbc	02:53:09.864	0.1	13.9	2.27	TAS	m_e
MOX	151.44	pPKPbc	02:53:39.443		15.1	2.36	TAS	m_e
NEUB	150.88	PKPbc	02:53:08.654	0.2	13.9	2.27	TAS	m_e
PLN	151.50	PKPbc	02:53:10.037	0.2	13.9	2.27	TAS	m_e
PLN	151.50	pPKPbc	02:53:39.602		15.1	2.36	TAS	m_e
RETH	149.71	PKPbc	02:53:05.649	-0.2	13.9	2.27	TAS	m_e
RUE	149.30	PKPbc	02:53:04.656	-0.2	13.9	2.27	TAS	m_e
STU	153.62	PKPbc	02:53:14.781	0.1	13.9	2.27	TAS	m_e
TANN	151.51	PKPbc	02:53:10.153	0.2	13.9	2.27	TAS	m_e
TNS	152.28	PKPbc	02:53:11.709	0.0	13.9	2.27	TAS	m_e
TNS	152.28	PKPab	02:53:22.285		12.4	4.02	TAS	m_e
UBR	154.56	PKPbc	02:53:16.477	-0.3	13.9	2.27	TAS	m_e
WLF	153.02	PKPbc	02:53:13.899	0.3	13.9	2.27	TAS	m_e
WLF	153.02	PKPab	02:53:25.085		12.4	4.02	TAS	m_e

Event 20306005 Veracruz, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/06	03:29:26.69			18.5700	-95.3700				94.8	4.1		25		83.21	88.08	m i ke	BGR
	20306011																

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	20306011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.46		P	03:41:43.381	-0.4	294.3		4.98		TAS		41.4	0.82	a_e mb	5.7
AHRW	83.46		pP	03:42:08.577		293.7		4.74		TAS				m_e	
ASSE	84.93		P	03:41:51.531	0.4	294.3		4.98		TAS		46.3	0.97	a_e mb	5.7
ASSE	84.93		pP	03:42:15.507		293.7		4.74		TAS				m_e	
BFO	85.05		P	03:41:51.376	-0.3	294.3		4.98		TAS		21.0	1.07	m_e mb	5.3
BSEG	84.01		P	03:41:47.131	0.6	294.3		4.98		TAS		50.4	0.99	a_e mb	5.7
BUG	83.25		P	03:41:42.747	0.0	294.3		4.98		TAS		30.0	1.24	m_e mb	5.4
BUG	83.25		pP	03:42:08.255		293.7		4.74		TAS				m_e	
CLL	86.59		P	03:41:59.331	-0.1	294.3		4.98		TAS		12.6	0.83	a_e mb	5.1
CLZ	84.88		P	03:41:51.281	0.4	294.3		4.98		TAS		33.0	0.94	m_e mb	5.5
FLT1	85.17		P	03:41:52.131	-0.2	294.3		4.98		TAS		35.9	0.95	a_e mb	5.6
FUR	86.92		P	03:42:02.124	1.1	294.3		4.98		TAS		33.3	1.13	m_e mb	5.4
GEC2	88.08		P	03:42:05.812	-1.0	294.3		4.98		TAS		4.8	0.87	m_e mb	4.8
GEC2	88.08		pP	03:42:30.921		293.7		4.74		TAS				m_e	
GOR1	84.93		P	03:41:51.481	0.3	294.3		4.98		TAS		20.8	1.13	a_e mb	5.3
GRA1	86.25		P	03:41:57.781	0.1	294.3		4.98		TAS		40.0	1.13	a_e mb	5.5
GTTG	84.76		P	03:41:50.431	0.1	294.3		4.98		TAS		32.9	0.88	a_e mb	5.6

IBBN	83.21	P	03:41:41.780	-0.8	294.3	4.98	TAS	31.2	0.94	m_e	mb	5.5
KAST	84.00	P	03:41:46.481	-0.0	294.3	4.98	TAS	20.6	0.96	a_e	mb	5.3
MOX	86.08	P	03:41:56.731	-0.1	294.3	4.98	TAS	18.1	0.91	a_e	mb	5.2
NEUB	85.94	P	03:41:56.281	0.1	294.3	4.98	TAS	32.1	0.90	a_e	mb	5.5
PLN	86.46	P	03:41:58.681	-0.1	294.3	4.98	TAS	9.6	1.04	a_e	mb	4.9
RETH	83.95	P	03:41:46.881	0.6	294.3	4.98	TAS	51.6	1.04	a_e	mb	5.7
RETH	83.95	pP	03:42:11.665	0.3	293.7	4.74	TAS			m_e		
RUE	86.51	P	03:41:59.400	-0.7	294.3	4.98	TAS			m_e		
STU	85.40	P	03:41:52.981	-0.5	294.3	4.98	TAS	108.9	1.15	m_e	mb	6.0
TANN	86.67	P	03:41:59.831	0.1	294.3	4.98	TAS	22.3	0.98	m_e	mb	5.3
TNS	84.40	P	03:41:47.802	-0.6	294.3	4.98	TAS	48.3	0.92	m_e	mb	5.7
UBR	86.40	P	03:41:59.289	0.9	294.3	4.98	TAS	38.1	0.98	m_e	mb	5.5
WLF	83.22	P	03:41:42.631	0.1	294.3	4.98	TAS	33.9	0.95	a_e	mb	5.5

Event 20306006 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/06	06:57:03.70			-31.1100	-179.3300			271.0				6		156.08	161.88	m i ke	EMSC
	20306038																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	159.93		PKPab	07:17:10.584	0.3	24.3		4.39		TAS					m_e
ASSE	157.68		PKPbc	07:16:38.891		24.5		2.22		TAS					m_e
ASSE	157.68		PKPab	07:17:00.204	0.0	24.3		4.39		TAS					m_e
BFO	161.77		PKPab	07:17:18.821		24.3		4.39		TAS					m_e
BSEG	156.08		PKPdf	07:16:24.705	0.6	41.9		1.83		TAS					m_e
BSEG	156.08		PKPbc	07:16:35.483	0.1	24.5		2.22		TAS					m_e
BSEG	156.08		PKPab	07:16:54.099	0.2	24.3		4.39		TAS					m_e
BUG	159.03		PKPab	07:17:07.589	0.2	24.3		4.39		TAS					m_e
CLL	157.79		PKPdf	07:16:26.662		41.9		1.83		TAS					m_e
CLL	157.79		PKPab	07:17:01.349	-0.5	24.3		4.39		TAS					m_e
CLZ	158.02		PKPdf	07:16:27.444		41.9		1.83		TAS					m_e
CLZ	158.02		PKPbc	07:16:39.944		24.5		2.22		TAS					m_e
CLZ	158.02		PKPab	07:17:02.308	0.1	24.3		4.39		TAS					m_e
FLT1	157.36		PKPdf	07:16:25.631	0.4	41.9		1.83		TAS					m_e
FLT1	157.36		PKPbc	07:16:37.818	0.2	24.5		2.22		TAS					m_e
FLT1	157.36		PKPab	07:16:59.274	-0.6	24.3		4.39		TAS					m_e
FUR	161.09		PKPab	07:17:16.282	0.2	24.3		4.39		TAS					m_e
GEC2	159.67		PKPdf	07:16:28.860		41.9		1.83		TAS					m_e
GEC2	159.67		PKPab	07:17:09.326	-0.1	24.3		4.39		TAS					m_e
GOR1	156.74		PKPdf	07:16:26.132	-0.3	41.9		1.83		TAS					m_e
GOR1	156.74		PKPbc	07:16:36.923	-0.1	24.5		2.22		TAS					m_e
GOR1	156.74		PKPab	07:16:56.982	-0.1	24.3		4.39		TAS					m_e
GRA1	159.75		PKPab	07:17:10.153	-0.0	24.3		4.39		TAS					m_e

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GTTG	158.39	PKPdf	07:16:28.919		41.9	1.83	TAS	m_e
GTTG	158.39	PKPab	07:17:03.949	0.1	24.3	4.39	TAS	m_e
IBBN	158.11	PKPab	07:17:02.628	0.2	24.3	4.39	TAS	m_e
KAST	159.04	PKPab	07:17:06.750	-0.4	24.3	4.39	TAS	m_e
MOX	158.78	PKPab	07:17:05.721	-0.9	24.3	4.39	TAS	m_e
NEUB	158.25	PKPab	07:17:03.502	0.2	24.3	4.39	TAS	m_e
PLN	158.77	PKPab	07:17:05.829	-0.2	24.3	4.39	TAS	m_e
RETH	157.40	PKPab	07:16:59.667	-0.1	24.3	4.39	TAS	m_e
RUE	156.53	PKPbc	07:16:36.510	0.1	24.5	2.22	TAS	m_e
RUE	156.53	PKPab	07:16:56.020	-0.1	24.3	4.39	TAS	m_e
STU	161.14	PKPab	07:17:16.182		24.3	4.39	TAS	m_e
TANN	158.74	PKPdf	07:16:28.521		41.9	1.83	TAS	m_e
TANN	158.74	PKPab	07:17:05.792	0.5	24.3	4.39	TAS	m_e
TNS	159.96	PKPab	07:17:10.829	0.2	24.3	4.39	TAS	m_e
UBR	161.88	PKPab	07:17:19.484		24.3	4.39	TAS	m_e
WLF	160.93	PKPab	07:17:15.530	0.1	24.3	4.39	TAS	m_e

Event 20306007 La Rioja Province, Argentina

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/06	09:35:05.50			-28.5800	-68.6000				88.0			3		105.18	105.18	m i ke	EMSC
20306039																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	105.18		Pdiff	09:49:04.523		237.4		4.85		TAS					m_e
GRA1	105.18		PP	09:53:22.385		241.4		6.80		TAS					m_e

Event 20306008 South Sandwich Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/06	20:14:30.50			-58.3650	-24.7340				16.0			15		109.56	115.51	m i ke	NEIC
20306047																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	111.70		L	21:16:03.768						T__		2860.7	20.40	a_e Ms	5.8
MOX	112.68		L	21:16:01.961						T__		3528.8	20.50	a_e Ms	5.9

Event 20306009 Beaufort Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/06	21:54:26.84			72.2000	-136.6300				38.5	1.1		19		52.55	58.66	m i ke	BGR
OrigID 20306015																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	20306015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	57.79		pP	22:04:19.103		348.7		7.18		T__					m_e
BSEG	52.55		pP	22:03:41.863	-0.3	348.7		7.18		T__					m_e
BUG	54.60		pP	22:03:56.463	-0.0	348.7		7.18		T__					m_e
CLL	55.45		pP	22:04:02.588	-0.2	348.7		7.18		T__					m_e
CLZ	54.61		P	22:03:46.601		349.5		7.28		TAS		8.2	0.87	m_e mb	4.8
CLZ	54.61		pP	22:03:57.110	0.1	348.7		7.18		T__					m_e
FLT1	54.24		P	22:03:42.941	-0.0	349.5		7.28		TAS		10.1	1.32	m_e mb	4.7
FLT1	54.24		pP	22:03:53.776	-0.2	348.7		7.18		T__					m_e
FUR	58.33		pP	22:04:23.596		348.7		7.18		T__					m_e
GEC2	57.96		P	22:04:10.491		349.5		7.28		TAS		4.3	0.97	m_e mb	4.5
GTTG	54.85		P	22:03:48.136		349.5		7.28		TAS		15.9	0.93	m_e mb	5.0
IBBN	53.82		pP	22:03:51.037	0.1	348.7		7.18		T__					m_e
KAST	54.99		P	22:03:48.699		349.5		7.28		TAS		5.7	1.09	m_e mb	4.5
KAST	54.99		pP	22:03:59.442	0.1	348.7		7.18		T__					m_e
MOX	55.94		P	22:03:55.487		349.5		7.28		TAS		5.1	1.01	m_e mb	4.5
MOX	55.94		pP	22:04:06.304		348.7		7.18		T__					m_e
NEUB	55.42		P	22:03:51.717		349.5		7.28		TAS		16.4	1.14	m_e mb	5.0
NEUB	55.42		pP	22:04:02.404	-0.1	348.7		7.18		T__					m_e
PLN	56.16		pP	22:04:07.957		348.7		7.18		T__					m_e
RETH	53.61		P	22:03:39.020	0.2	349.5		7.28		TAS		20.1	1.39	m_e mb	5.0
STU	57.47		P	22:04:06.898		349.5		7.28		TAS		19.7	0.63	m_e mb	5.3
TANN	56.27		pP	22:04:09.071		348.7		7.18		T__					m_e
TNS	55.95		P	22:03:55.878		349.5		7.28		TAS		11.8	1.25	m_e mb	4.8
TNS	55.95		pP	22:04:06.202		348.7		7.18		T__					m_e
UBR	58.66		pP	22:04:25.650		348.7		7.18		T__					m_e

Event 20307002 Mid-Indian Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/07	01:57:43.43			-13.5060	66.0560				33.0					79.24	79.24	m i ke	BGR
OrigID 20307008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	20307008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.24		P	02:09:46.571		125.1		6.53		TAS		15.3	1.74	m_e	mb 4.7

Event 20307003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/07	05:34:18.81			-20.6330	-177.1460				590.1	5.5		27		145.14	152.30	m i ke	BGR
OrigID 20307009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.88		PKPdf	05:52:57.280	0.0	17.6		1.55		TAS				m_e	
AHRW	149.88		PKPbc	05:53:02.758	-0.2	15.9		2.44		TAS				m_e	
AHRW	149.88		PKPab	05:53:10.361		16.5		4.24		TAS				m_e	
AHRW	149.88		PP	05:56:37.664		14.2		5.41		TAS				m_e	
ASSE	147.90		PKPdf	05:52:53.829	-0.1	17.6		1.55		TAS				m_e	
ASSE	147.90		PKPbc	05:52:57.875	0.1	15.9		2.44		TAS				m_e	
ASSE	147.90		PP	05:56:27.113		14.2		5.41		TAS				m_e	
BFO	151.93		PKPdf	05:52:59.800	-0.4	17.6		1.55		TAS				m_e	
BFO	151.93		PKPbc	05:53:07.386	-0.4	15.9		2.44		TAS				m_e	
BFO	151.93		PKPab	05:53:18.830		16.5		4.24		TAS				m_e	
BSEG	146.18		PKPdf	05:52:51.044	-0.3	17.6		1.55		TAS				m_e	
BSEG	146.18		PKPbc	05:52:53.276	-0.4	15.9		2.44		TAS				m_e	
BUG	148.97		PKPdf	05:52:55.679	-0.2	17.6		1.55		TAS				m_e	
BUG	148.97		PKPbc	05:53:00.526	-0.2	15.9		2.44		TAS				m_e	
BUG	148.97		PKPab	05:53:06.674		16.5		4.24		TAS				m_e	
CLL	148.29		PKPdf	05:52:54.330	-0.1	17.6		1.55		TAS				m_e	
CLL	148.29		PKPbc	05:52:58.812	0.1	15.9		2.44		TAS				m_e	
CLZ	148.22		PKPdf	05:52:54.766	0.3	17.6		1.55		TAS				m_e	
CLZ	148.22		PKPbc	05:52:59.102	0.5	15.9		2.44		TAS				m_e	
CLZ	148.22		PP	05:56:27.639		14.2		5.41		TAS				m_e	
FLT1	147.61		PKPdf	05:52:53.255	-0.2	17.6		1.55		TAS				m_e	
FLT1	147.61		PKPbc	05:52:56.905	-0.2	15.9		2.44		TAS				m_e	
FLT1	147.61		PKPab	05:53:00.370	-0.2	16.5		4.24		TAS				m_e	
FLT1	147.61		PP	05:56:24.701	-0.7	14.2		5.41		TAS				m_e	
FUR	151.62		PKPdf	05:52:59.481	-0.1	17.6		1.55		TAS				m_e	
FUR	151.62		PKPbc	05:53:06.683	-0.2	15.9		2.44		TAS				m_e	
FUR	151.62		PKPab	05:53:17.465		16.5		4.24		TAS				m_e	
GEC2	150.46		PKPdf	05:52:57.713	-0.1	17.6		1.55		TAS				m_e	
GEC2	150.46		PKPbc	05:53:04.034	-0.1	15.9		2.44		TAS				m_e	
GEC2	150.46		PP	05:56:40.626		14.2		5.41		TAS				m_e	
GOR1	146.96		PKPdf	05:52:52.600	0.1	17.6		1.55		TAS				m_e	
GOR1	146.96		PKPbc	05:52:55.514	-0.0	15.9		2.44		TAS				m_e	
GRA1	150.16		PKPdf	05:52:57.453	0.1	17.6		1.55		TAS				m_e	

GRA1	150.16	PKPbc	05:53:03.638	0.3	15.9	2.44	TAS	m_e
GRA1	150.16	PKPab	05:53:10.760		16.5	4.24	TAS	m_e
GRA1	150.16	pPKPbc	05:55:19.647				T__	m_e
GTTG	148.56	PKPdf	05:52:55.222	0.2	17.6	1.55	TAS	m_e
GTTG	148.56	PKPbc	05:52:59.808	0.3	15.9	2.44	TAS	m_e
GTTG	148.56	pPKPbc	05:55:15.139				T__	m_e
GTTG	148.56	PP	05:56:31.191		14.2	5.41	TAS	m_e
HLG	146.20	PKPdf	05:52:51.354	-0.2	17.6	1.55	TAS	m_e
HLG	146.20	PKPbc	05:52:53.815	-0.2	15.9	2.44	TAS	m_e
IBBN	148.07	PKPdf	05:52:54.364	-0.1	17.6	1.55	TAS	m_e
IBBN	148.07	PKPbc	05:52:58.522	0.0	15.9	2.44	TAS	m_e
IBBN	148.07	PKPab	05:53:03.041	0.2	16.5	4.24	TAS	m_e
IBBN	148.07	pPKPbc	05:55:12.826				T__	m_e
KAST	149.09	PKPdf	05:52:55.950	0.0	17.6	1.55	TAS	m_e
KAST	149.09	PKPbc	05:53:01.050	0.2	15.9	2.44	TAS	m_e
MOX	149.18	PKPdf	05:52:55.818	-0.0	17.6	1.55	TAS	m_e
MOX	149.18	PKPbc	05:53:01.034	0.1	15.9	2.44	TAS	m_e
MOX	149.18	PKPab	05:53:06.976		16.5	4.24	TAS	m_e
MOX	149.18	pPKPbc	05:55:16.887				T__	m_e
NEUB	148.62	PKPdf	05:52:55.151	0.2	17.6	1.55	TAS	m_e
NEUB	148.62	PKPbc	05:52:59.746	0.2	15.9	2.44	TAS	m_e
PLN	149.23	PKPdf	05:52:55.962	0.1	17.6	1.55	TAS	m_e
PLN	149.23	PKPbc	05:53:01.331	0.3	15.9	2.44	TAS	m_e
PLN	149.23	PKPab	05:53:07.366		16.5	4.24	TAS	m_e
RETH	147.47	PKPdf	05:52:53.255	-0.1	17.6	1.55	TAS	m_e
RETH	147.47	PKPbc	05:52:56.856	-0.0	15.9	2.44	TAS	m_e
RETH	147.47	pPKPbc	05:55:12.227				T__	m_e
RGN	145.14	PKPdf	05:52:49.851	0.2	17.6	1.55	TAS	m_e
RGN	145.14	PKPbc	05:52:50.914	-0.1	15.9	2.44	TAS	m_e
RUE	147.03	PKPdf	05:52:52.586	0.1	17.6	1.55	TAS	m_e
RUE	147.03	PKPbc	05:52:55.462	-0.2	15.9	2.44	TAS	m_e
STU	151.38	PKPdf	05:52:59.559	0.2	17.6	1.55	TAS	m_e
STU	151.38	PKPbc	05:53:06.356	0.0	15.9	2.44	TAS	m_e
STU	151.38	PKPab	05:53:16.509		16.5	4.24	TAS	m_e
TANN	149.24	PKPdf	05:52:56.032	0.1	17.6	1.55	TAS	m_e
TANN	149.24	PKPbc	05:53:01.331	0.2	15.9	2.44	TAS	m_e
TANN	149.24	PKPab	05:53:07.351		16.5	4.24	TAS	m_e
TANN	149.24	PP	05:56:35.442		14.2	5.41	TAS	m_e
TNS	150.05	PKPdf	05:52:57.457	0.1	17.6	1.55	TAS	m_e
TNS	150.05	PKPbc	05:53:03.385	0.2	15.9	2.44	TAS	m_e
UBR	152.30	PKPdf	05:53:00.500	-0.2	17.6	1.55	TAS	m_e
UBR	152.30	PKPbc	05:53:08.048	-0.5	15.9	2.44	TAS	m_e
WLF	150.82	PKPdf	05:52:59.323	0.5	17.6	1.55	TAS	m_e
WLF	150.82	PKPbc	05:53:05.713	0.4	15.9	2.44	TAS	m_e
WLF	150.82	PKPab	05:53:15.037		16.5	4.24	TAS	m_e

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Event 20307004 Hokkaido, Japan, region
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2022/03/07 10:09:29.62 42.7000 143.2800 33.0 9 76.57 80.94 m i ke BGR
20307010

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 20307010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.48		P	10:21:34.624		34.0		5.51		TAS				m_e	
ASSE	76.93		P	10:21:20.218	-0.8	34.0		5.51		TAS		5.6	0.88	m_e mb	4.7
BFO	80.94		P	10:21:41.582		34.0		5.51		TAS		5.6	0.84	m_e mb	4.6
BUG	78.64		P	10:21:30.033		34.0		5.51		TAS		10.9	0.62	m_e mb	5.0
CLL	76.78		P	10:21:19.183		34.0		5.51		TAS		10.8	0.92	m_e mb	5.0
CLZ	77.27		P	10:21:22.334		34.0		5.51		TAS		21.1	1.42	m_e mb	5.1
FLT1	76.57		P	10:21:17.723	0.2	34.0		5.51		TAS		9.9	0.93	m_e mb	4.9
GEC2	78.54		P	10:21:29.325		34.0		5.51		TAS		12.5	1.48	m_e mb	4.7
GRA1	78.76		P	10:21:31.085		34.0		5.51		TAS		20.0	1.19	m_e mb	5.0

Event 20307007 Eastern Sea of Japan
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2022/03/07 16:58:54.66 38.3200 137.6100 33.0 23 77.16 82.57 m i ke BGR
20307013

Magnitude Err Nsta Author OrigID
mb 5.1 BGR 20307013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	81.32		P	17:11:10.168	-0.6	40.1		5.39		TAS		29.0	1.18	m_e mb	5.2
BFO	82.57		P	17:11:15.658		40.1		5.39		TAS		25.5	1.00	m_e mb	5.4
BSEG	77.42		P	17:10:48.507	0.1	40.1		5.39		TAS		7.9	0.74	m_e mb	4.9
BUG	80.52		P	17:11:05.011	0.1	40.1		5.39		TAS		12.8	0.84	m_e mb	5.0
CLL	78.35		P	17:10:53.220	0.1	40.1		5.39		TAS		17.6	0.91	m_e mb	5.2
CLZ	79.01		P	17:10:57.231	0.0	40.1		5.39		TAS		24.4	1.23	m_e mb	5.1
FLT1	78.29		P	17:10:52.782	-0.1	40.1		5.39		TAS		19.8	1.18	m_e mb	5.1
FUR	81.47		P	17:11:10.686		40.1		5.39		TAS		33.2	0.87	m_e mb	5.5
GEC2	79.91		P	17:11:01.716	-0.0	40.1		5.39		TAS		7.6	0.91	m_e mb	4.6
GOR1	77.76		P	17:10:50.470	-0.4	40.1		5.39		TAS		40.0	1.37	m_e mb	5.4
GRA1	80.32		P	17:11:04.765	0.4	40.1		5.39		TAS		36.7	1.02	m_e mb	5.3
GTTG	79.40		P	17:10:59.471	-0.2	40.1		5.39		TAS		12.1	0.97	m_e mb	4.9
IBBN	79.65		P	17:11:00.475	-0.2	40.1		5.39		TAS		23.4	1.01	m_e mb	5.1
KAST	80.27		P	17:11:03.720	0.7	40.1		5.39		TAS		18.6	1.27	m_e mb	4.9
MOX	79.43		P	17:10:59.377	0.6	40.1		5.39		TAS		15.2	1.33	m_e mb	4.8
NEUB	78.95		P	17:10:56.608	0.3	40.1		5.39		TAS		21.0	1.17	m_e mb	5.0

PLN	79.33	P	17:10:59.105	-0.1	40.1	5.39	TAS	7.1	1.54	m_e	mb	4.5
RETH	78.71	P	17:10:55.349	0.3	40.1	5.39	TAS	10.9	0.94	m_e	mb	4.9
RUE	77.16	P	17:10:47.019	0.0	40.1	5.39	TAS	33.8	1.42	m_e	mb	5.3
STU	81.87	P	17:11:12.672		40.1	5.39	TAS	86.4	1.24	m_e	mb	5.7
TANN	79.25	P	17:10:58.385	-0.1	40.1	5.39	TAS	30.8	2.04	m_e	mb	5.0
TNS	81.03	P	17:11:07.989	-0.4	40.1	5.39	TAS	10.2	0.86	m_e	mb	4.9
UBR	82.34	P	17:11:14.584		40.1	5.39	TAS	170.5	2.91	m_e	mb	5.7

Event 20307009 Talaud Islands, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/07	18:13:12.90			2.7400	125.8400				80.0			25		101.05	105.16	m i ke	EMSC
OrigID 20307041																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.8		BGR	20307015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ARSA	101.63		Pdiff	18:26:56.047	0.6	69.1		4.51		TAS				m_e		
ASSE	102.95		Pdiff	18:27:01.653	-0.1	69.1		4.51		TAS				m_e		
BSEG	102.46		Pdiff	18:27:00.795	0.0	69.1		4.51		TAS				m_e		
BUG	105.16		Pdiff	18:27:13.070		69.1		4.51		TAS				m_e		
CLL	101.90		Pdiff	18:26:57.533	0.1	69.1		4.51		TAS				m_e		
CLZ	103.23		Pdiff	18:27:04.400	-0.3	69.1		4.51		TAS				m_e		
FETA	104.79		Pdiff	18:27:10.460		69.1		4.51		TAS				m_e		
FLT1	102.56		Pdiff	18:27:00.452	-1.1	69.1		4.51		TAS				m_e		
GEC2	102.30		Pdiff	18:26:59.851	-0.1	69.1		4.51		TAS				m_e		
GOR1	102.27		Pdiff	18:26:59.937	-0.6	69.1		4.51		TAS				m_e		
GRA1	103.53		Pdiff	18:27:05.516	0.0	69.1		4.51		TAS				m_e		
GRA1	103.53		L	19:08:01.800						T__		227.6	20.50	a_e	Ms	4.7
GTTG	103.58		Pdiff	18:27:05.945	-0.5	69.1		4.51		TAS				m_e		
IBBN	104.53		Pdiff	18:27:09.722		69.1		4.51		TAS				m_e		
KAST	104.61		Pdiff	18:27:10.323		69.1		4.51		TAS				m_e		
MOTA	104.44		Pdiff	18:27:08.563		69.1		4.51		TAS				m_e		
MOX	102.95		Pdiff	18:27:02.512	0.4	69.1		4.51		TAS				m_e		
MOX	102.95		L	18:59:10.339						T__		268.4	18.10	a_e	Ms	4.8
NEUB	102.66		Pdiff	18:27:01.224	0.1	69.1		4.51		TAS				m_e		
PLN	102.68		Pdiff	18:27:01.568	0.5	69.1		4.51		TAS				m_e		
RETH	103.46		Pdiff	18:27:05.345	0.1	69.1		4.51		TAS				m_e		
RUE	101.05		Pdiff	18:26:54.271	-0.0	69.1		4.51		TAS				m_e		
SQTA	104.42		Pdiff	18:27:08.462		69.1		4.51		TAS				m_e		
TANN	102.53		Pdiff	18:27:00.709	0.3	69.1		4.51		TAS				m_e		
TNS	104.98		Pdiff	18:27:12.298		69.1		4.51		TAS				m_e		
UBR	104.95		Pdiff	18:27:10.752		69.1		4.51		TAS				m_e		
WTTA	104.13		Pdiff	18:27:07.302		69.1		4.51		TAS				m_e		

Event 20307010 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/07	23:30:29.00			27.1700	53.3000				10.0			19		37.03	42.12	m i ke	EMSC
OrigID 20307042																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	20307016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BIOA	37.03		P	23:37:39.327	0.1	109.2		8.51		TAS		7.6	0.93	m_e mb	4.4
BSEG	41.25		P	23:38:14.421		109.2		8.51		TAS		19.1	1.33	m_e mb	4.7
CLL	38.72		P	23:37:53.521	-0.1	109.2		8.51		TAS		11.5	1.22	m_e mb	4.4
CLZ	40.44		P	23:38:08.425		109.2		8.51		TAS		11.5	0.95	m_e mb	4.5
DAVA	39.35		P	23:37:58.506		109.2		8.51		TAS		34.1	0.72	m_e mb	5.1
FLT1	40.12		P	23:38:05.487		109.2		8.51		TAS		20.0	1.32	m_e mb	4.6
FUR	38.69		P	23:37:52.984	0.2	109.2		8.51		TAS		30.0	1.04	m_e mb	4.9
GEC2	37.39		P	23:37:41.675	-0.2	109.2		8.51		TAS		3.1	1.02	m_e mb	4.0
GOR1	40.34		P	23:38:07.092		109.2		8.51		TAS		23.7	1.11	m_e mb	4.7
GRA1	39.20		P	23:37:57.579	0.5	109.2		8.51		TAS		7.3	0.86	m_e mb	4.3
IBBN	42.12		P	23:38:23.230		109.2		8.51		TAS		29.2	1.25	m_e mb	4.9
KAST	41.38		P	23:38:16.185		109.2		8.51		TAS		12.9	1.36	m_e mb	4.5
KBA	37.03		P	23:37:39.260	0.4	109.2		8.51		TAS		17.7	1.14	m_e mb	4.7
LESA	37.57		P	23:37:44.143		109.2		8.51		TAS		4.5	0.76	m_e mb	4.3
MOTA	38.56		P	23:37:51.563	-0.2	109.2		8.51		TAS		17.3	0.95	m_e mb	4.7
RETH	41.34		P	23:38:16.145		109.2		8.51		TAS		13.8	1.27	m_e mb	4.5
RUE	38.76		P	23:37:54.220	-0.4	109.2		8.51		TAS		16.3	0.61	m_e mb	4.8
SQTA	38.46		P	23:37:50.974	-0.4	109.2		8.51		TAS		13.2	0.71	m_e mb	4.8
TNS	41.07		P	23:38:13.427		109.2		8.51		TAS		9.6	1.07	m_e mb	4.5
UBR	39.31		P	23:37:57.974		109.2		8.51		TAS		23.5	1.07	m_e mb	4.7
WTTA	38.19		P	23:37:49.052	0.6	109.2		8.51		TAS		22.6	0.99	m_e mb	4.9

Event 20307012 Jan Mayen Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/07	23:37:15.93			69.7030	-13.8180				10.0					19.23	24.78	m i ke	BGR
OrigID 20307018																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	20307018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	20.96		P	23:41:57.358		338.2		9.91		TAS		7.0	0.97	m_e mb	4.0

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BFO	23.96	P	23:42:27.000	338.2	9.91	TAS	10.2	1.01	m_e	mb	4.3
BSEG	19.23	P	23:41:40.149	338.2	9.91	TAS	9.5	1.15	m_e	mb	3.9
BUG	20.80	P	23:41:54.470	338.2	9.91	TAS	15.6	0.73	m_e	mb	4.4
CLL	22.30	P	23:42:10.437	338.2	9.91	TAS	8.3	0.94	m_e	mb	4.2
FUR	24.78	P	23:42:36.063	338.2	9.91	TAS	11.7	0.85	m_e	mb	4.6
GEC2	24.74	P	23:42:34.614	338.2	9.91	TAS	29.6	1.74	m_e	mb	4.7
GRA1	23.34	P	23:42:20.906	338.2	9.91	TAS	54.6	2.45	m_e	mb	4.7
KAST	21.28	P	23:42:00.146	338.2	9.91	TAS	13.5	1.08	m_e	mb	4.2
MOX	22.56	P	23:42:13.121	338.2	9.91	TAS	7.2	1.04	m_e	mb	4.1
NEUB	22.09	P	23:42:08.675	338.2	9.91	TAS	19.7	1.21	m_e	mb	4.4
PLN	22.84	P	23:42:15.999	338.2	9.91	TAS	2.3	0.76	m_e	mb	3.8
RETH	20.08	P	23:41:49.935	338.2	9.91	TAS	32.6	1.64	m_e	mb	4.3
RUE	21.45	P	23:42:01.822	338.2	9.91	TAS	13.6	1.07	m_e	mb	4.2
TANN	22.98	P	23:42:17.661	338.2	9.91	TAS	13.2	1.10	m_e	mb	4.4
TNS	22.20	P	23:42:10.604	338.2	9.91	TAS	11.6	1.32	m_e	mb	4.1

Event 20308002 Jan Mayen Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/08	08:56:42.95			70.6520	-14.4500				10.0					24.18	24.18	m i ke	BGR
20308008																	

Magnitude Err Nsta Author OrigID
mb 4.5 BGR 20308008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	24.18		P	09:01:59.103		336.3		9.73		TAS		24.0	1.53	m_e	mb 4.5

Event 20308004 West of Macquarie Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/08	17:14:34.98			-54.5100	145.5200				10.0				25	150.12	155.03	m i ke	BGR
20308010																	

Magnitude Err Nsta Author OrigID
Ms 5.2 BGR 20308010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	154.72		PKPbc	17:34:36.662	0.1	116.2		2.36		TAS					m_e	
AHRW	154.72		PKPab	17:34:51.911		113.1		4.30		TAS					m_e	
ASSE	153.31		PKPbc	17:34:33.061	0.0	116.2		2.36		TAS					m_e	
ASSE	153.31		PKPab	17:34:45.850		113.1		4.30		TAS					m_e	
BFO	152.97		PKPbc	17:34:32.203	-0.3	116.2		2.36		TAS					a_e	

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BSEG	154.16	PKPbc	17:34:35.472	0.5	116.2	2.36	TAS	m_e												
BUG	154.97	PKPbc	17:34:37.261		116.2	2.36	TAS	m_e												
BUG	154.97	PKPab	17:34:53.123		113.1	4.30	TAS	m_e												
CLL	151.65	PKPbc	17:34:29.384	0.0	116.2	2.36	TAS	m_e												
CLZ	153.36	PKPbc	17:34:33.403	-0.2	116.2	2.36	TAS	a_e												
FLT1	153.07	PKPbc	17:34:32.454	-0.5	116.2	2.36	TAS	m_e												
FLT1	153.07	PKPab	17:34:44.072		113.1	4.30	TAS	m_e												
FUR	151.18	PKPbc	17:34:28.353	0.0	116.2	2.36	TAS	a_e												
GEC2	150.12	PKPbc	17:34:25.703	0.0	116.2	2.36	TAS	a_e												
GOR1	153.28	PKPbc	17:34:33.060	-0.2	116.2	2.36	TAS	m_e												
GRA1	151.95	PKPbc	17:34:30.203	0.2	116.2	2.36	TAS	a_e												
GRA1	151.95	PKPab	17:34:40.678	-0.6	113.1	4.30	TAS	m_e												
GRA1	151.95	L	18:56:32.810				T__				393.5	21.00	a_e Ms						5.2	
GTTG	153.48	PKPbc	17:34:33.403	0.4	116.2	2.36	TAS	a_e												
GTTG	153.48	PKPab	17:34:46.739		113.1	4.30	TAS	m_e												
IBBN	155.03	PKPbc	17:34:37.469		116.2	2.36	TAS	m_e												
IBBN	155.03	PKPab	17:34:53.446		113.1	4.30	TAS	m_e												
KAST	154.22	PKPbc	17:34:35.819	-0.3	116.2	2.36	TAS	m_e												
KAST	154.22	PKPab	17:34:49.971		113.1	4.30	TAS	m_e												
MOX	152.15	PKPbc	17:34:30.534	0.1	116.2	2.36	TAS	m_e												
MOX	152.15	L	18:53:05.091				T__				383.4	19.30	a_e Ms						5.2	
NEUB	152.30	PKPbc	17:34:30.986	0.1	116.2	2.36	TAS	m_e												
PLN	151.77	PKPbc	17:34:29.653	0.1	116.2	2.36	TAS	a_e												
PLN	151.77	PKPab	17:34:39.547	0.4	113.1	4.30	TAS	m_e												
RETH	154.28	PKPbc	17:34:35.329	0.1	116.2	2.36	TAS	m_e												
RGN	152.71	PKPab	17:34:42.941	0.2	113.1	4.30	TAS	m_e												
RUE	151.69	PKPbc	17:34:29.718	0.1	116.2	2.36	TAS	m_e												
STU	152.69	PKPbc	17:34:31.503	-0.3	116.2	2.36	TAS	a_e												
STU	152.69	PKPab	17:34:43.103	0.4	113.1	4.30	TAS	m_e												
TANN	151.57	PKPbc	17:34:29.303	0.2	116.2	2.36	TAS	a_e												
TNS	153.78	PKPbc	17:34:34.720	-0.1	116.2	2.36	TAS	m_e												
TNS	153.78	PKPab	17:34:47.466		113.1	4.30	TAS	m_e												
UBR	151.61	PKPbc	17:34:29.553	0.0	116.2	2.36	TAS	a_e												

Event 20309001 Off east coast of North Island, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/09	02:44:44.80			-37.7270	177.2610				78.0			10		161.41	166.65	m i ke	NEIC
	20309040																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	166.65		PKPab	03:05:43.443		38.4		4.74		TAS				m_e	
BSEG	161.41		PKPab	03:05:18.372	0.4	38.4		4.74		TAS				m_e	
CLL	162.41		PKPab	03:05:23.085		38.4		4.74		TAS				m_e	

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CLZ	163.09	PKPab	03:05:26.421	0.3	38.4	4.74	TAS	m_e
GRA1	164.36	PKPab	03:05:32.679		38.4	4.74	TAS	m_e
IBBN	163.61	PKPab	03:05:28.714	-0.4	38.4	4.74	TAS	m_e
MOX	163.50	PKPab	03:05:28.006		38.4	4.74	TAS	m_e
NEUB	163.03	PKPab	03:05:26.167		38.4	4.74	TAS	m_e
PLN	163.37	PKPab	03:05:27.380		38.4	4.74	TAS	m_e
TNS	165.12	PKPab	03:05:35.186		38.4	4.74	TAS	m_e

Event 20309003 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/09	12:22:16.00			23.0500	121.4900				33.0			10		83.07	86.48	m i ke	NEIC
OrigID 20309042																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	20309009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	86.09		P	12:34:52.440		60.1		5.45		TAS		17.3	1.11	m_e mb	5.1
CLL	83.07		P	12:34:36.067	-0.2	60.1		5.45		TAS		9.5	0.83	m_e mb	5.1
CLZ	84.24		P	12:34:42.806		60.1		5.45		TAS		11.5	0.87	m_e mb	5.1
FETA	86.48		P	12:34:54.838		60.1		5.45		TAS		7.2	0.94	m_e mb	4.8
FLT1	83.53		P	12:34:37.932	0.4	60.1		5.45		TAS		8.7	1.04	m_e mb	4.9
GEC2	83.85		P	12:34:40.866		60.1		5.45		TAS		11.4	1.00	m_e mb	5.1
KAST	85.61		P	12:34:50.264		60.1		5.45		TAS		3.2	0.75	m_e mb	4.5
LESA	85.13		P	12:34:47.333		60.1		5.45		TAS		5.0	0.90	m_e mb	4.7
MOX	84.16		P	12:34:41.857		60.1		5.45		TAS		6.3	1.01	m_e mb	4.8
SQTA	86.10		P	12:34:52.145		60.1		5.45		TAS		5.3	0.74	m_e mb	4.8
WTTA	85.83		P	12:34:51.094		60.1		5.45		TAS		7.8	0.79	m_e mb	4.9

Event 20310001 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/10	04:26:56.47			4.1450	95.4710				50.9	2.1		13		81.49	85.82	m i ke	BGR
OrigID 20310007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	20310007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	85.82		pP	04:39:44.952		86.7		5.24		TAS				m_e	
BFO	85.04		P	04:39:25.788		92.3		5.11		TAS		6.1	0.76	m_e mb	4.9
BSEG	83.82		P	04:39:20.068	-0.5	92.3		5.11		TAS		13.2	0.79	m_e mb	5.2

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BUG	85.67	P	04:39:29.135	-0.2	92.3	5.11	TAS	8.6	0.67	m_e mb	5.0
CLL	82.08	P	04:39:10.157	-0.1	92.3	5.11	TAS	4.0	1.05	m_e mb	4.5
CLZ	83.74	P	04:39:19.308	-0.1	92.3	5.11	TAS	7.1	0.80	m_e mb	5.0
CLZ	83.74	pP	04:39:33.475		86.7	5.24	TAS			m_e	
FLT1	83.22	P	04:39:16.188	0.6	92.3	5.11	TAS	7.5	1.00	m_e mb	4.9
GEC2	81.49	P	04:39:07.698		92.3	5.11	TAS	8.4	0.88	m_e mb	4.8
GEC2	81.49	pP	04:39:22.894		86.7	5.24	TAS			m_e	
GRA1	83.15	P	04:39:16.838		92.3	5.11	TAS	11.4	0.84	m_e mb	5.1
KAST	84.96	pP	04:39:39.715		86.7	5.24	TAS			m_e	
MOX	82.92	P	04:39:15.723		92.3	5.11	TAS	9.4	1.17	m_e mb	4.9
NEUB	82.85	P	04:39:14.834		92.3	5.11	TAS	7.4	0.74	m_e mb	5.0
PLN	82.57	P	04:39:13.750		92.3	5.11	TAS	3.3	1.25	m_e mb	4.4
RUE	81.67	P	04:39:08.663	-0.6	92.3	5.11	TAS	24.7	0.60	m_e mb	5.5
STU	84.46	P	04:39:23.111		92.3	5.11	TAS	19.9	0.77	m_e mb	5.4
UBR	83.85	P	04:39:19.818		92.3	5.11	TAS	5.0	0.65	m_e mb	4.9

Event 20310002 Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/10	05:57:46.38			55.5960	159.7940				33.0			10		69.22	73.87	m i ke	BGR
OrigID 20310008																	

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 20310008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	73.59		P	06:09:15.103		18.1		6.03		TAS		8.0	1.33	m_e mb	4.6
CLL	69.83		P	06:08:52.588		18.1		6.03		TAS		22.5	1.23	m_e mb	5.2
CLZ	69.85		P	06:08:52.536	0.0	18.1		6.03		TAS		19.2	1.21	m_e mb	5.1
FLT1	69.22		P	06:08:48.833	-0.1	18.1		6.03		TAS		6.6	0.95	m_e mb	4.8
GEC2	72.01		P	06:09:05.554		18.1		6.03		TAS		9.2	1.20	m_e mb	4.8
GRA1	71.73		P	06:09:04.270		18.1		6.03		TAS		23.3	1.25	m_e mb	5.2
MOX	70.74		P	06:08:57.997		18.1		6.03		TAS		14.5	1.18	m_e mb	5.0
PLN	70.79		P	06:08:58.398		18.1		6.03		TAS		2.0	0.91	m_e mb	4.2
TANN	70.79		P	06:08:58.017		18.1		6.03		TAS		7.1	1.25	m_e mb	4.7
UBR	73.87		P	06:09:16.873		18.1		6.03		TAS		16.6	1.33	m_e mb	4.9

Event 20310006 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/10	22:11:16.57			-24.0750	-179.7010				581.1	5.8		22		149.17	155.11	m i ke	BGR
OrigID 20310012																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	150.81		PKPbc	22:30:06.462	-0.0	22.4		2.18		TAS					m_e	
BFO	154.89		PKPbc	22:30:15.290		22.4		2.18		TAS					m_e	
BFO	154.89		PKPab	22:30:31.775		22.2		4.43		TAS					m_e	
BSEG	149.17		PKPbc	22:30:02.742	-0.3	22.4		2.18		TAS					m_e	
BUG	152.07		PKPbc	22:30:09.417	-0.1	22.4		2.18		TAS					m_e	
BUG	152.07		PKPab	22:30:19.586		22.2		4.43		TAS					m_e	
BUG	152.07		pPKPbc	22:32:24.001		23.0		2.55		TAS					m_e	
CLL	151.03		PKPbc	22:30:07.011	0.1	22.4		2.18		TAS					m_e	
CLZ	151.14		PKPbc	22:30:07.736	0.5	22.4		2.18		TAS					m_e	
CLZ	151.14		pPKPbc	22:32:21.265	0.2	23.0		2.55		TAS					m_e	
FLT1	150.50		PKPbc	22:30:05.515	-0.3	22.4		2.18		TAS					m_e	
FLT1	150.50		PKPab	22:30:12.794	0.6	22.2		4.43		TAS					m_e	
FUR	154.36		PKPab	22:30:30.057		22.2		4.43		TAS					m_e	
GEC2	153.05		PKPbc	22:30:11.317	0.4	22.4		2.18		TAS					m_e	
GEC2	153.05		PKPab	22:30:23.877		22.2		4.43		TAS					m_e	
GEC2	153.05		pPKPbc	22:32:26.150		23.0		2.55		TAS					m_e	
GOR1	149.87		PKPbc	22:30:04.330	-0.1	22.4		2.18		TAS					m_e	
GOR1	149.87		PKPab	22:30:08.914	0.2	22.2		4.43		TAS					m_e	
GTTG	151.50		PKPbc	22:30:08.331	0.3	22.4		2.18		TAS					m_e	
GTTG	151.50		PKPab	22:30:17.708	0.4	22.2		4.43		TAS					m_e	
IBBN	151.16		PKPbc	22:30:07.455	-0.1	22.4		2.18		TAS					m_e	
IBBN	151.16		PKPab	22:30:16.376	-0.1	22.2		4.43		TAS					m_e	
IBBN	151.16		pPKPbc	22:32:21.331	-0.5	23.0		2.55		TAS					m_e	
KAST	152.12		PKPbc	22:30:09.241	-0.3	22.4		2.18		TAS					m_e	
KAST	152.12		pPKPbc	22:32:23.205		23.0		2.55		TAS					m_e	
MOX	151.99		PKPbc	22:30:09.172	0.2	22.4		2.18		TAS					m_e	
MOX	151.99		pPKPbc	22:32:23.035		23.0		2.55		TAS					m_e	
NEUB	151.44		PKPbc	22:30:07.968	0.1	22.4		2.18		TAS					m_e	
NEUB	151.44		pPKPbc	22:32:20.770	0.3	23.0		2.55		TAS					m_e	
PLN	152.00		PKPbc	22:30:09.262	0.2	22.4		2.18		TAS					m_e	
PLN	152.00		pPKPbc	22:32:23.684		23.0		2.55		TAS					m_e	
RETH	150.48		PKPbc	22:30:05.870	-0.0	22.4		2.18		TAS					m_e	
RETH	150.48		PKPab	22:30:13.238	0.3	22.2		4.43		TAS					m_e	
RETH	150.48		pPKPbc	22:32:19.940	-0.9	23.0		2.55		TAS					m_e	
RUE	149.77		PKPbc	22:30:04.047	-0.1	22.4		2.18		TAS					m_e	
STU	154.29		PKPbc	22:30:14.239	-0.5	22.4		2.18		TAS					m_e	
STU	154.29		PKPab	22:30:29.383		22.2		4.43		TAS					m_e	
TANN	151.99		PKPbc	22:30:09.246	0.2	22.4		2.18		TAS					m_e	
TANN	151.99		pPKPbc	22:32:22.708		23.0		2.55		TAS					m_e	
TNS	153.06		PKPbc	22:30:11.496	0.1	22.4		2.18		TAS					m_e	
TNS	153.06		PKPab	22:30:24.199		22.2		4.43		TAS					m_e	
UBR	155.11		PKPbc	22:30:15.295		22.4		2.18		TAS					m_e	
WLF	153.96		PKPbc	22:30:14.081	-0.1	22.4		2.18		TAS					m_e	
WLF	153.96		PKPab	22:30:28.554		22.2		4.43		TAS					m_e	

Event 20311003 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/11	16:16:51.88			-23.1700	172.1300				150.0			14		146.29	151.72	m i ke	BGR
OrigID																	
20311009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.72		PKPbc	16:36:18.316	0.2	34.0		2.59		TAS					m_e
BFO	151.72		PKPbc	16:36:28.049		34.0		2.59		TAS					m_e
BSEG	146.29		PKPbc	16:36:14.063	-0.0	34.0		2.59		TAS					m_e
CLL	147.55		PKPbc	16:36:17.433	-0.5	34.0		2.59		TAS					m_e
CLZ	148.06		PKPbc	16:36:19.578	0.2	34.0		2.59		TAS					m_e
FLT1	147.36		PKPbc	16:36:16.822	-0.3	34.0		2.59		TAS					m_e
GEC2	149.18		PKPbc	16:36:22.102		34.0		2.59		TAS					m_e
GOR1	146.78		PKPbc	16:36:15.469	-0.4	34.0		2.59		TAS					m_e
GTTG	148.44		PKPbc	16:36:20.731	0.2	34.0		2.59		TAS					m_e
IBBN	148.47		PKPbc	16:36:20.198	0.7	34.0		2.59		TAS					m_e
MOX	148.61		PKPbc	16:36:20.640		34.0		2.59		TAS					m_e
PLN	148.53		PKPbc	16:36:20.514		34.0		2.59		TAS					m_e
TANN	148.47		PKPbc	16:36:20.334		34.0		2.59		TAS					m_e
UBR	151.59		PKPbc	16:36:28.299		34.0		2.59		TAS					m_e

Event 20312004 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
2022/03/12	11:52:34.10			55.9000	162.8700				30.0			20		68.11	74.17	m i ke	EMSC
OrigID																	
20312036																	

Magnitude Err Nsta Author OrigID

mb	5.3		BGR	20312010
Ms	4.5		BGR	20312010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	69.79		P	12:03:41.726	0.6	9.2		5.79		TAS		25.3	1.17	m_e mb	5.2
BFO	73.85		P	12:04:06.478		9.2		5.79		TAS		32.2	1.13	m_e mb	5.2
BRG	70.39		P	12:04:00.107	-0.6	9.2		5.79		TAS		33.5	1.25	m_e mb	5.3
BSEG	68.11		P	12:03:32.783	3.0	9.2		5.79		TAS		29.9	1.00	m_e mb	5.5
BUG	71.01		P	12:03:49.171	11.9	9.2		5.79		TAS		34.8	1.09	m_e mb	5.4
CLL	70.16		P	12:03:43.820	-1.4	9.2		5.79		TAS		42.5	1.10	m_e mb	5.5
CLZ	70.12		P	12:03:44.285	-2.5	9.2		5.79		TAS		48.0	1.13	m_e mb	5.5
FLT1	69.50		P	12:03:39.858	-0.6	9.2		5.79		TAS		25.1	1.29	m_e mb	5.2
FUR	73.49		P	12:04:04.974		9.2		5.79		TAS		32.4	1.04	m_e mb	5.3

GEC2	72.37	P	12:03:58.126		9.2	5.79	TAS	29.5	1.16	m_e	mb	5.3
GOR1	68.85	P	12:03:36.607	-3.2	9.2	5.79	TAS	37.6	1.23	m_e	mb	5.5
GRA1	72.03	P	12:03:56.151		9.2	5.79	TAS	39.3	0.97	m_e	mb	5.5
GRA1	72.03	L	12:39:37.656				T__	271.9	20.10	a_e	Ms	4.5
IBBN	70.09	P	12:03:44.297	-1.3	9.2	5.79	TAS	76.7	1.27	m_e	mb	5.7
KAST	71.06	P	12:03:50.102	-1.2	9.2	5.79	TAS	31.5	1.26	m_e	mb	5.3
MOX	71.05	P	12:03:49.637	-1.7	9.2	5.79	TAS	29.8	1.04	m_e	mb	5.4
MOX	71.05	L	12:38:49.788				T__	282.2	19.50	a_e	Ms	4.5
PLN	71.10	P	12:03:50.335	-0.4	9.2	5.79	TAS	14.9	1.22	m_e	mb	5.0
RUE	68.90	P	12:03:35.909	-1.7	9.2	5.79	TAS	57.8	1.22	m_e	mb	5.7
TANN	71.11	P	12:03:50.422	-0.1	9.2	5.79	TAS	17.1	1.10	m_e	mb	5.1
UBR	74.17	P	12:04:08.807		9.2	5.79	TAS	31.4	1.08	m_e	mb	5.3

Event 20312001 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/12	17:03:24.29	0.34	1.06	45.7480	6.2190	4.4	4.4	142	5.0			40	286	1.89	5.95	m i ke	BGR
OrigID 20312007																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.2		BGR	20312007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABH	4.23		Pn	17:04:27.354	-1.0					T__				m_e	
AHRW	4.83		Pn	17:04:36.183	-0.3					T__				m_e	ML 4.3
BALST	1.89		Sg	17:04:24.942	0.0					T__				m_e	
BALST	1.89		Pn	17:03:55.650	-0.3					T__				m_e	ML 4.0
BALST	1.89		Pg	17:03:59.759	0.5					T__				m_e	
BE1	4.06		Pn	17:04:25.699	-0.1					T__				m_e	ML 4.3
BERGE	2.51		Sg	17:04:43.368	-1.1					T__				m_e	
BERGE	2.51		Pn	17:04:03.343	-1.3					T__				m_e	ML 4.0
BERGE	2.51		Pg	17:04:10.964	0.3					T__				m_e	
BFO	2.96		Sg	17:04:58.727	0.3					T__				m_e	
BFO	2.96		Pn	17:04:09.067	-1.6					T__				m_e	ML 4.0
BFO	2.96		Pg	17:04:19.928	1.3					T__				m_e	
CIEL			Sg	17:05:06.804	1.4					T__				m_e	
CIEL			Pn	17:04:12.853	-0.9					T__				m_e	ML 4.6
DAVA	2.96		Pn	17:04:10.861	0.1					T__				m_e	ML 4.3
EMING	2.80		Sg	17:04:52.511	-1.1					T__				m_e	
EMING	2.80		Pn	17:04:07.524	-1.1					T__				m_e	ML 4.2
EMING	2.80		Pg	17:04:16.204	0.3					T__				m_e	
FETA	3.37		Pn	17:04:17.759	1.4					T__				m_e	ML 3.9
GEC2	5.95		Sn	17:05:55.415	-0.7					T__				m_e	ML 4.0
HOHE			Pn	17:04:10.693	-1.1					T__				m_e	
HOHE			Pg	17:04:22.806	2.8					T__				m_e	
KBA	5.10		Pn	17:04:41.714	1.5					T__				m_e	ML 3.9

LDE	3.67	Pn	17:04:19.728	-0.8	T__	m_e	
LEMB		Pn	17:04:16.081	-1.4	T__	m_e ML	4.3
LEMB		Sg	17:05:16.018	2.3	T__	m_e	
LESA	4.75	Sn	17:05:27.843	0.3	T__	m_e	
LESA	4.75	Pn	17:04:36.139	0.7	T__	m_e ML	4.0
METMA	2.41	Sg	17:04:40.293	-1.0	T__	m_e	
METMA	2.41	Pn	17:04:02.091	-1.1	T__	m_e ML	3.9
METMA	2.41	Pg	17:04:09.055	0.3	T__	m_e	
MILB	4.57	Pn	17:04:30.537	-2.4	T__	m_e ML	4.8
MOA	5.91	Sn	17:05:54.354	-0.6	T__	m_e ML	4.0
MOTA	3.73	Sn	17:05:04.343	1.3	T__	m_e	
MOTA	3.73	Pn	17:04:22.000	0.7	T__	m_e ML	4.2
NEUF		Pn	17:04:20.176	0.9	T__	m_e ML	4.7
PLONS	2.54	Sg	17:04:44.638	-0.9	T__	m_e ML	3.9
RETA	3.58	Pn	17:04:19.489	0.2	T__	m_e ML	4.0
RIVT	3.98	Pn	17:04:24.836	0.1	T__	m_e	
RJOB	4.94	Sn	17:05:32.291	0.4	T__	m_e	
RJOB	4.94	Pn	17:04:38.273	0.3	T__	m_e ML	3.9
RONF		Sg	17:04:29.246	1.2	T__	m_e	
RONF		Pn	17:03:57.334	0.0	T__	m_e ML	3.9
RONF		Pg	17:04:02.505	1.4	T__	m_e	
ROTT	3.63	Pn	17:04:19.022	-0.9	T__	m_e	
SLE	2.55	Sg	17:04:44.833	-0.8	T__	m_e	
SLE	2.55	Pn	17:04:04.105	-1.0	T__	m_e ML	4.9
SLE	2.55	Pg	17:04:11.547	0.3	T__	m_e	
SQTA	3.75	Sn	17:05:04.478	1.0	T__	m_e	
SQTA	3.75	Pn	17:04:22.627	1.1	T__	m_e ML	4.2
STU	3.64	Pn	17:04:17.919	-2.1	T__	m_e ML	4.5
SULZ	2.21	Sg	17:04:34.515	-0.4	T__	m_e	
SULZ	2.21	Pn	17:03:59.700	-0.7	T__	m_e ML	5.0
SULZ	2.21	Pg	17:04:05.543	0.5	T__	m_e	
TNS	4.72	Pn	17:04:33.975	-0.9	T__	m_e ML	4.2
UBR	3.30	Sg	17:05:09.013	-0.0	T__	m_e	
UBR	3.30	Pn	17:04:15.158	-0.2	T__	m_e ML	4.3
UBR	3.30	Pg	17:04:25.825	1.1	T__	m_e	
WALHA	2.83	Sg	17:04:53.214	-1.1	T__	m_e	
WALHA	2.83	Pn	17:04:08.197	-0.8	T__	m_e ML	4.3
WILA	2.49	Sg	17:04:42.890	-1.0	T__	m_e	
WILA	2.49	Pn	17:04:04.362	0.0	T__	m_e ML	4.5
WILA	2.49	Pg	17:04:10.459	0.2	T__	m_e	
WLF	3.92	Pn	17:04:24.851	0.9	T__	m_e ML	4.5
WLS		Pn	17:04:07.503	-0.7	T__	m_e ML	4.2
WLS		Pg	17:04:17.654	2.3	T__	m_e	
WTTA	4.03	Pn	17:04:26.644	1.1	T__	m_e ML	4.2
ZELS		Pn	17:04:06.675	-0.9	T__	m_e	
ZUGS	3.68	Sn	17:05:03.054	1.1	T__	m_e	
ZUGS	3.68	Pn	17:04:21.353	0.7	T__	m_e ML	4.3

Event 20312005 Southern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/12	20:00:18.81			61.5040	-150.0970				100.0			13		63.75	67.44	m i ke	BGR
OrigID 20312011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20312011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	65.57		P	20:10:58.382	-0.5	350.5		6.30		TAS		22.8	1.10	m_e	mb	5.3
BSEG	63.75		P	20:10:46.900	0.1	350.5		6.30		TAS		26.1	0.90	m_e	mb	5.5
BUG	65.84		P	20:10:59.793	-0.4	350.5		6.30		TAS		27.6	1.02	m_e	mb	5.4
CLL	66.61		P	20:11:04.585	0.5	350.5		6.30		TAS				m_e		
CLZ	65.81		P	20:11:00.258	-0.0	350.5		6.30		TAS		29.4	0.81	m_e	mb	5.6
GTTG	66.06		P	20:11:02.305	-0.0	350.5		6.30		TAS				m_e		
IBBN	65.06		P	20:10:55.334	0.7	350.5		6.30		TAS		26.6	0.94	m_e	mb	5.5
MOX	67.13		P	20:11:08.327		350.5		6.30		TAS				m_e		
NEUB	66.60		P	20:11:05.002		350.5		6.30		TAS				m_e		
PLN	67.34		P	20:11:09.282		350.5		6.30		TAS				m_e		
RETH	64.82		P	20:10:53.869	-0.1	350.5		6.30		TAS		53.4	1.68	m_e	mb	5.5
RUE	65.53		P	20:10:58.292	0.2	350.5		6.30		TAS		72.1	1.04	m_e	mb	5.8
TANN	67.44		P	20:11:10.772		350.5		6.30		TAS				m_e		

Event 20313003 Near coast of Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/13	00:01:37.89			14.0780	-93.4890				41.0	3.8		24		85.20	90.43	m i ke	BGR
OrigID 20313009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	20313009
MBB	6.0		BGR	20313009
Ms	5.0		BGR	20313009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	85.82		P	00:14:13.842	-0.2	290.2		4.72		TAS		78.3	0.95	m_e	MBB	6.1
ASSE	87.45		P	00:14:21.607	0.1	290.2		4.72		TAS		90.7	1.11	m_e	MBB	6.1
ASSE	87.45		pP	00:14:32.486		289.8		4.65		T__				m_e		
BFO	87.27		P	00:14:20.266		290.2		4.72		TAS		49.6	1.26	m_e	MBB	5.9
BFO	87.27		pP	00:14:31.715		289.8		4.65		T__				m_e		
BSEG	86.64		P	00:14:17.872	0.2	290.2		4.72		TAS		145.1	0.97	m_e	MBB	6.2
BSEG	86.64		pP	00:14:29.881		289.8		4.65		T__				m_e		
BUG	85.67		P	00:14:12.418	-0.4	290.2		4.72		TAS		79.2	1.33	m_e	MBB	6.0

CLL	89.10	P	00:14:28.861	-0.1	290.2	4.72	TAS	12.6	0.88	m_e	MBB	5.4
CLZ	87.37	P	00:14:21.204	-0.6	290.2	4.72	TAS	81.3	1.21	m_e	MBB	6.0
FLT1	87.71	P	00:14:22.224	0.2	290.2	4.72	TAS	61.8	1.15	m_e	MBB	6.0
GEC2	90.43	P	00:14:35.553	0.0	290.2	4.72	TAS	34.3	1.07	m_e	MBB	5.8
GEC2	90.43	pP	00:14:47.870		289.8	4.65	T__				m_e	
GOR1	87.52	P	00:14:21.929	0.1	290.2	4.72	TAS	75.7	1.30	m_e	MBB	6.1
GOR1	87.52	pP	00:14:34.527		289.8	4.65	T__				m_e	
GRA1	88.61	P	00:14:27.386	-0.2	290.2	4.72	TAS	77.7	1.27	m_e	mb	5.8
GRA1	88.61	L	00:52:57.247		289.8	4.65	T__	645.1	20.70	a_e	Ms	5.0
GTTG	87.23	P	00:14:20.451	-0.3	290.2	4.72	TAS	111.4	1.13	m_e	MBB	6.2
GTTG	87.23	pP	00:14:32.465		289.8	4.65	T__				m_e	
HLG	85.20	P	00:14:11.036	0.3	290.2	4.72	TAS	230.3	1.03	m_e	mb	6.3
IBBN	85.70	P	00:14:12.901	0.2	290.2	4.72	TAS	100.9	1.00	m_e	MBB	6.2
KAST	86.42	P	00:14:16.126	0.0	290.2	4.72	TAS	55.9	1.09	m_e	MBB	5.4
MOX	88.52	P	00:14:26.443	0.0	290.2	4.72	TAS	34.1	1.37	m_e	MBB	5.7
MOX	88.52	L	00:50:19.230		289.8	4.65	T__	451.8	21.00	a_e	Ms	4.9
NEUB	88.42	P	00:14:25.852	0.1	290.2	4.72	TAS	121.5	1.70	m_e	MBB	6.2
PLN	88.90	P	00:14:28.108	0.5	290.2	4.72	TAS	11.6	1.32	m_e	MBB	5.4
RETH	86.49	P	00:14:16.985	-0.2	290.2	4.72	TAS	128.3	1.07	m_e	MBB	6.2
STU	87.67	P	00:14:22.657		290.2	4.72	TAS	104.1	1.05	m_e	MBB	6.3
TANN	89.10	P	00:14:29.237	0.5	290.2	4.72	TAS	22.7	1.06	m_e	MBB	5.7
TNS	86.75	P	00:14:17.899	0.1	290.2	4.72	TAS	97.5	0.99	m_e	MBB	6.0
UBR	88.60	P	00:14:26.847		290.2	4.72	TAS	59.2	1.21	m_e	MBB	6.1
WLF	85.50	P	00:14:12.660	0.2	290.2	4.72	TAS	73.5	1.14	m_e	MBB	6.1
WLF	85.50	pP	00:14:25.235		289.8	4.65	T__				m_e	

Event 20313004 Southern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/13	21:09:21.70			-0.5900	98.6200				20.0			26		87.11	92.07	m i ke	EMSC
	20313036																

Magnitude	Err	Nsta	Author	OrigID
mb	6.4		BGR	20313010
MBB	6.8		BGR	20313010
Ms	6.8		BGR	20313010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	91.45		P	21:22:27.537		92.1		4.65		TAS		433.4	1.90	m_e	MBB 6.8
ASSE	89.21		P	21:22:15.736	-1.6	92.1		4.65		TAS		571.9	1.73	m_e	MBB 6.8
BFO	90.65		P	21:22:23.187	-0.1	92.1		4.65		TAS		286.2	1.77	m_e	MBB 6.5
BSEG	89.48		P	21:22:18.065	0.5	92.1		4.65		TAS		384.9	1.35	m_e	MBB 6.9
BUG	91.31		P	21:22:26.222	-0.0	92.1		4.65		TAS		349.5	1.64	m_e	MBB 6.8
CLL	87.72		P	21:22:09.262	0.5	92.1		4.65		TAS		297.1	1.92	m_e	MBB 6.8
CLZ	89.39		P	21:22:15.736	0.0	92.1		4.65		TAS		529.2	1.68	m_e	MBB 6.9
FLT1	88.87		P	21:22:14.410	-0.8	92.1		4.65		TAS		476.7	2.08	m_e	MBB 6.7

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FUR	88.68	P	21:22:13.696	0.5	92.1	4.65	TAS	280.9	1.70	m_e	MBB	6.6
GEC2	87.11	P	21:22:06.902	0.1	92.1	4.65	TAS	355.8	1.63	m_e	MBB	6.6
GOR1	88.85	P	21:22:15.084	-0.5	92.1	4.65	TAS	402.0	1.58	m_e	MBB	7.0
GRA1	88.78	P	21:22:15.002	0.2	92.1	4.65	TAS	559.7	1.88	m_e	mb	6.5
GRA1	88.78	L	22:07:53.178				T__	36632.8	20.40	a_e	Ms	6.8
GTTG	89.63	P	21:22:18.965	0.2	92.1	4.65	TAS	554.7	1.85	m_e	MBB	6.8
IBBN	91.00	P	21:22:24.783	0.5	92.1	4.65	TAS	417.4	1.59	m_e	MBB	6.8
KAST	90.60	P	21:22:23.062	-0.1	92.1	4.65	TAS	343.3	1.65	m_e	MBB	6.8
MOX	88.56	P	21:22:13.758	-0.4	92.1	4.65	TAS	216.0	1.60	m_e	MBB	6.8
MOX	88.56	L	22:07:36.351				T__	43170.4	20.60	a_e	Ms	6.8
NEUB	88.49	P	21:22:13.376	0.2	92.1	4.65	TAS	634.8	1.84	m_e	MBB	7.0
PLN	88.21	P	21:22:12.323	0.2	92.1	4.65	TAS	106.4	2.04	m_e	MBB	6.4
RETH	90.03	P	21:22:20.535	0.3	92.1	4.65	TAS	355.9	1.62	m_e	MBB	6.7
RGN	87.75	P	21:22:10.206	-0.0	92.1	4.65	TAS	917.5	1.54	m_e	MBB	7.1
RUE	87.32	P	21:22:07.801	-0.4	92.1	4.65	TAS	1033.7	1.75	m_e	MBB	7.0
STU	90.08	P	21:22:20.917	0.1	92.1	4.65	TAS	940.5	1.91	m_e	MBB	7.0
TANN	88.01	P	21:22:10.948	0.4	92.1	4.65	TAS	194.6	1.74	m_e	MBB	6.8
TNS	90.58	P	21:22:23.008	0.1	92.1	4.65	TAS	347.2	1.52	m_e	MBB	6.9
UBR	89.45	P	21:22:17.748	0.3	92.1	4.65	TAS	827.5	2.63	m_e	mb	6.5
WLF	92.07	P	21:22:29.852		92.1	4.65	TAS	244.9	1.55	m_e	MBB	6.8

Event 20313005 Southwest of Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/13	21:38:51.26			-0.1590	96.9010				29.7			15		85.66	89.18	m i ke	BGR
OrigID 20313011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20313011
Ms	6.4		BGR	20313011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	87.81	P		21:51:37.443	-0.3	93.4		4.81		TAS		75.7	1.60	m_e	mb	5.8
BSEG	88.12	P		21:51:39.144	0.2	93.4		4.81		TAS		107.5	1.71	m_e	mb	5.9
CLZ	87.98	P		21:51:38.603	-0.2	93.4		4.81		TAS		92.2	1.61	m_e	mb	5.9
CLZ	87.98	pP		21:51:47.283						T__				m_e		
FLT1	87.48	P		21:51:35.346	0.1	93.4		4.81		TAS		13.2	1.00	m_e	mb	5.0
GEC2	85.66	P		21:51:27.066		93.4		4.81		TAS		59.7	1.63	m_e	mb	5.5
GOR1	87.48	P		21:51:35.616	-0.1	93.4		4.81		TAS		57.6	1.31	m_e	mb	5.5
GRA1	87.34	P		21:51:35.184		93.4		4.81		TAS		35.1	1.31	m_e	mb	5.3
GRA1	87.34	L		22:24:53.998						T__		15086.9	18.40	a_e	Ms	6.4
GTTG	88.23	P		21:51:39.554	0.1	93.4		4.81		TAS		38.7	1.18	m_e	mb	5.6
KAST	89.18	P		21:51:43.733	0.1	93.4		4.81		TAS		22.9	1.08	m_e	mb	5.3
MOX	87.14	P		21:51:34.262		93.4		4.81		TAS		32.9	1.52	m_e	mb	5.2
MOX	87.14	L		22:25:01.572						T__		14165.6	18.50	a_e	Ms	6.4
NEUB	87.08	P		21:51:33.674	0.0	93.4		4.81		TAS		48.5	1.35	m_e	mb	5.5

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RETH	88.64	P	21:51:41.654	-0.5	93.4	4.81	TAS	26.6	1.16	m_e	mb	5.4
RUE	85.94	P	21:51:28.369	0.0	93.4	4.81	TAS	100.0	1.42	m_e	mb	5.8
TANN	86.59	P	21:51:31.736		93.4	4.81	TAS	35.4	1.73	m_e	mb	5.2
TNS	89.14	P	21:51:43.797		93.4	4.81	TAS	59.8	1.54	m_e	mb	5.6

Event 20314003 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/14	14:40:47.80			14.1600	119.3200				10.0			9		89.41	92.88	m i ke	EMSC
OrigID 20314035																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	20314009
Ms	4.7		BGR	20314009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	92.88		P	14:54:00.684		67.7		4.57		TAS		17.7	1.29	m_e	mb	5.3
CLZ	90.24		P	14:53:49.136		67.7		4.57		TAS				m_e		
FLT1	89.55		P	14:53:45.200	-0.1	67.7		4.57		TAS		31.0	1.63	m_e	mb	5.3
GEC2	89.41		P	14:53:44.755		67.7		4.57		TAS		36.4	1.61	m_e	mb	5.4
GRA1	90.59		L	15:41:35.685						T__		254.2	19.00	a_e	Ms	4.7
KAST	91.61		P	14:53:55.044		67.7		4.57		TAS		29.4	1.38	m_e	mb	5.4
MOX	89.99		P	14:53:47.771		67.7		4.57		TAS		24.9	1.44	m_e	mb	5.2
MOX	89.99		L	15:37:29.999						T__		307.8	18.10	a_e	Ms	4.8
NEUB	89.69		P	14:53:46.469		67.7		4.57		TAS				m_e		
PLN	89.73		P	14:53:46.115		67.7		4.57		TAS		8.2	1.29	m_e	mb	4.8
TANN	89.58		P	14:53:45.834		67.7		4.57		TAS		17.5	1.30	m_e	mb	5.1
TNS	92.01		P	14:53:57.396		67.7		4.57		TAS		8.2	1.00	m_e	mb	5.0

Event 20315004 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/15	12:12:38.56			0.1220	97.0570				34.7	2.5		6		84.18	89.91	m i ke	BGR
OrigID 20315010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	20315010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	89.91		P	12:25:34.190		93.1		4.82		TAS		12.5	0.96	m_e	mb	5.1
ARSA	84.18		P	12:25:06.841	0.3	93.1		4.82		TAS		6.2	0.72	m_e	mb	4.9
ARSA	84.18		pP	12:25:16.237	-0.5	92.0		4.90		TAS				m_e		
ASSE	87.69		P	12:25:23.127		93.1		4.82		TAS		17.7	1.06	m_e	mb	5.3

BFO	89.08	P	12:25:29.889	93.1	4.82	TAS	9.3	1.01	m_e	mb	5.0
BSEG	87.98	P	12:25:25.263	93.1	4.82	TAS	19.7	1.17	m_e	mb	5.3
BUG	89.78	P	12:25:33.915	93.1	4.82	TAS	12.7	0.94	m_e	mb	5.1
CLL	86.19	P	12:25:15.969	0.1 93.1	4.82	TAS	8.4	0.94	m_e	mb	4.8
CLZ	87.86	P	12:25:24.349	93.1	4.82	TAS	13.2	0.79	m_e	mb	5.3
CLZ	87.86	pP	12:25:34.480	92.0	4.90	TAS			m_e		
FETA	87.43	P	12:25:22.291	93.1	4.82	TAS	9.1	1.11	m_e	mb	4.8
FLT1	87.35	P	12:25:21.418	93.1	4.82	TAS	8.2	0.62	m_e	mb	5.0
GEC2	85.55	P	12:25:13.189	0.0 93.1	4.82	TAS	20.1	1.39	m_e	mb	5.1
GEC2	85.55	pP	12:25:23.955	-0.2 92.0	4.90	TAS			m_e		
GOR1	87.35	P	12:25:21.898	93.1	4.82	TAS	22.4	1.22	m_e	mb	5.2
GRA1	87.22	P	12:25:21.691	-0.0 93.1	4.82	TAS	12.8	0.75	m_e	mb	5.1
GTTG	88.10	P	12:25:25.581	93.1	4.82	TAS	12.1	0.81	m_e	mb	5.3
GTTG	88.10	pP	12:25:35.679	92.0	4.90	TAS			m_e		
IBBN	89.48	P	12:25:32.614	93.1	4.82	TAS	20.1	1.06	m_e	mb	5.3
KAST	89.06	P	12:25:29.928	93.1	4.82	TAS	12.2	0.97	m_e	mb	5.1
KAST	89.06	pP	12:25:40.323	92.0	4.90	TAS			m_e		
MOTA	87.19	P	12:25:20.652	0.5 93.1	4.82	TAS	10.2	1.03	m_e	mb	4.9
MOX	87.02	P	12:25:20.300	0.3 93.1	4.82	TAS	56.7	2.31	m_e	mb	5.3
NEUB	86.96	P	12:25:19.938	-0.1 93.1	4.82	TAS	20.9	1.05	m_e	mb	5.2
RETH	88.51	P	12:25:27.380	93.1	4.82	TAS	17.9	1.23	m_e	mb	5.2
RETH	88.51	pP	12:25:37.339	92.0	4.90	TAS			m_e		
TNS	89.03	P	12:25:30.257	93.1	4.82	TAS	16.8	0.90	m_e	mb	5.3

Event 20316001 Philippine Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/16	00:09:45.54			16.0350	117.8910				32.3			21		85.25	91.27	m i ke	BGR
20316007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	20316007
Ms	4.7		BGR	20316007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	87.63		P	00:22:29.976	0.1	67.1		4.74		TAS		36.2	1.57	m_e	mb 5.5
BSEG	87.11		P	00:22:27.547	0.3	67.1		4.74		TAS		7.2	1.02	m_e	mb 4.8
CLL	86.61		P	00:22:25.014	-0.3	67.1		4.74		TAS		8.3	0.95	m_e	mb 4.8
FLT1	87.23		P	00:22:27.728	-0.0	67.1		4.74		TAS		116.8	2.65	m_e	mb 5.5
GEC2	87.09		P	00:22:27.427		67.1		4.74		TAS		8.2	1.00	m_e	mb 4.8
GEC2	87.09		pP	00:22:36.852						T__				m_e	
GOR1	86.94		P	00:22:27.018	-0.0	67.1		4.74		TAS		34.5	1.34	m_e	mb 5.3
GRA1	88.27		P	00:22:33.372		67.1		4.74		TAS		11.4	1.00	m_e	mb 5.2
GRA1	88.27		L	01:05:13.544						T__		375.8	21.80	a_e	Ms 4.8
GTTG	88.27		P	00:22:33.076	0.1	67.1		4.74		TAS		32.2	1.44	m_e	mb 5.5
IBBN	89.19		P	00:22:36.992	-0.4	67.1		4.74		TAS		30.0	1.62	m_e	mb 5.3

KAST	89.29	P	00:22:37.983	0.2	67.1	4.74	TAS	16.1	1.42	m_e	mb	5.0
MOX	87.67	P	00:22:29.824	0.2	67.1	4.74	TAS	10.1	1.13	m_e	mb	5.0
MOX	87.67	L	01:06:30.119				T__	303.1	21.60	a_e	Ms	4.7
NEUB	87.37	P	00:22:28.221	0.2	67.1	4.74	TAS	10.1	0.87	m_e	mb	5.0
PLN	87.41	P	00:22:29.116	0.0	67.1	4.74	TAS	4.4	1.09	m_e	mb	4.5
RETH	88.12	P	00:22:32.298	0.2	67.1	4.74	TAS	11.5	1.38	m_e	mb	5.0
RGN	85.25	P	00:22:18.755	0.1	67.1	4.74	TAS	36.0	1.28	m_e	mb	5.5
RUE	85.73	P	00:22:21.192	-0.4	67.1	4.74	TAS	27.0	0.91	m_e	mb	5.4
STU	89.86	P	00:22:40.559		67.1	4.74	TAS	109.2	1.74	m_e	mb	5.8
TANN	87.26	P	00:22:28.404	0.0	67.1	4.74	TAS	10.3	1.14	m_e	mb	4.8
TNS	89.69	P	00:22:39.984	-0.3	67.1	4.74	TAS	8.0	1.03	m_e	mb	4.9
UBR	89.75	P	00:22:39.753		67.1	4.74	TAS	10.6	0.97	m_e	mb	5.0
WLF	91.27	P	00:22:47.452		67.1	4.74	TAS	87.8	2.10	m_e	mb	5.7

Event 20316004 Eastern Kashmir

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/16	13:35:18.66			33.9880	75.2720				33.0			16		47.14	51.01	m i ke	BGR
20316010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	20316010
Ms	4.9		BGR	20316010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BSEG	48.92		P	13:44:00.081	0.1	83.5		7.69		TAS		22.3	0.85	m_e	mb	5.2
BUG	51.01		P	13:44:16.210	-0.1	83.5		7.69		TAS		27.0	1.29	m_e	mb	5.0
CLL	47.45		P	13:43:48.435	-0.2	83.5		7.69		TAS		14.5	1.22	m_e	mb	5.0
CLZ	49.05		P	13:44:01.057	-0.7	83.5		7.69		TAS		23.8	1.23	m_e	mb	5.1
FLT1	48.47		P	13:43:56.069	0.1	83.5		7.69		TAS		27.4	0.95	m_e	mb	5.3
FUR	48.89		P	13:44:00.840		83.5		7.69		TAS		205.7	2.07	m_e	mb	5.8
GEC2	47.21		P	13:43:47.336		83.5		7.69		TAS		6.1	0.99	m_e	mb	4.7
GOR1	48.39		P	13:43:55.910	0.1	83.5		7.69		TAS		36.7	1.28	m_e	mb	5.4
GRA1	48.73		L	14:06:36.180						T__		1243.1	20.80	a_e	Ms	4.9
GTTG	49.33		P	13:44:03.555	-0.3	83.5		7.69		TAS		34.8	1.11	m_e	mb	5.3
IBBN	50.60		P	13:44:12.914	-0.2	83.5		7.69		TAS		32.1	1.13	m_e	mb	5.2
MOX	48.38		P	13:43:56.217		83.5		7.69		TAS		7.0	0.87	m_e	mb	4.8
MOX	48.38		L	14:05:53.721						T__		1160.8	18.10	a_e	Ms	4.9
NEUB	48.23		P	13:43:54.852	0.7	83.5		7.69		TAS		26.6	1.20	m_e	mb	5.2
PLN	48.05		P	13:43:53.577		83.5		7.69		TAS		3.0	1.11	m_e	mb	4.3
RETH	49.58		P	13:44:05.163	-0.1	83.5		7.69		TAS		14.3	1.16	m_e	mb	4.8
RGN	47.14		P	13:43:45.953	0.5	83.5		7.69		TAS		167.0	1.31	m_e	mb	6.0
UBR	49.74		P	13:44:06.738		83.5		7.69		TAS		13.8	0.90	m_e	mb	4.9

Event 20316005 Eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/16	14:34:34.10			38.8500	140.5540				33.0			25		76.46	83.29	m i ke	BGR
OrigID 20316011																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.1		BGR	20316011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	81.95		P	14:46:48.892	0.1	37.6		5.33		TAS		257.8	1.53	m_e	mb	6.1
ASSE	79.34		P	14:46:34.579	0.1	37.6		5.33		TAS		139.9	1.30	m_e	mb	5.8
BFO	83.29		P	14:46:55.393		37.6		5.33		TAS		497.6	1.51	m_e	mb	6.5
BSEG	78.03		P	14:46:27.964	0.6	37.6		5.33		TAS		411.4	1.53	m_e	mb	6.3
BUG	81.14		P	14:46:44.159	-0.4	37.6		5.33		TAS		227.9	1.52	m_e	mb	6.0
CLL	79.09		P	14:46:33.325	0.1	37.6		5.33		TAS		414.2	1.52	m_e	mb	6.2
CLZ	79.68		P	14:46:36.917	0.4	37.6		5.33		TAS		491.6	1.51	m_e	mb	6.2
FLT1	78.97		P	14:46:32.755	-0.5	37.6		5.33		TAS		500.8	1.56	m_e	mb	6.3
FUR	82.25		P	14:46:50.888		37.6		5.33		TAS		748.8	1.64	m_e	mb	6.6
GEC2	80.72		P	14:46:42.335	0.3	37.6		5.33		TAS		865.9	3.51	m_e	mb	6.2
GOR1	78.42		P	14:46:30.702	0.3	37.6		5.33		TAS		521.9	1.50	m_e	mb	6.3
GRA1	81.06		P	14:46:45.129	-0.7	37.6		5.33		TAS		614.8	1.53	m_e	mb	6.4
GTTG	80.07		P	14:46:39.312	-0.5	37.6		5.33		TAS		291.3	1.45	m_e	mb	6.0
IBBN	80.26		P	14:46:39.940	-0.3	37.6		5.33		TAS		668.3	1.61	m_e	mb	6.3
KAST	80.92		P	14:46:43.589	-0.2	37.6		5.33		TAS		145.6	1.48	m_e	mb	5.8
MOX	80.15		P	14:46:39.369	-0.0	37.6		5.33		TAS		70.9	0.88	m_e	mb	5.6
NEUB	79.66		P	14:46:36.575	-0.0	37.6		5.33		TAS		433.9	1.44	m_e	mb	6.2
PLN	80.07		P	14:46:38.913	0.1	37.6		5.33		TAS		120.6	1.80	m_e	mb	5.5
RETH	79.34		P	14:46:35.264	0.3	37.6		5.33		TAS		268.8	1.45	m_e	mb	6.1
RGN	76.46		P	14:46:19.240	-0.4	37.6		5.33		TAS		245.8	1.00	m_e	mb	6.3
RUE	77.88		P	14:46:27.565	0.0	37.6		5.33		TAS		194.8	1.04	m_e	mb	6.2
TANN	80.00		P	14:46:38.685	0.5	37.6		5.33		TAS		137.3	1.49	m_e	mb	5.7
TNS	81.70		P	14:46:47.809	0.9	37.6		5.33		TAS		51.5	0.87	m_e	mb	5.7
UBR	83.11		P	14:46:54.766		37.6		5.33		TAS		139.1	1.46	m_e	mb	6.0
WLF	83.01		P	14:46:55.055	-0.1	37.6		5.33		TAS		504.3	1.74	m_e	mb	6.5

Event 20316006 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/16	14:36:31.98			37.6950	141.6990				33.0			27		77.90	84.74	m i ke	BGR
OrigID 20316012																	

Magnitude	Err	Nsta	Author	OrigID
mb	7.2		BGR	20316012
MBB	7.5		BGR	20316012

Ms	7.2	BGR	20316012													
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	83.39		P	14:48:54.380	0.4	37.4		5.22		TAS		1456.3	1.08	m_e	MBB	7.5
AHRW	83.39		S	14:59:13.959		40.2		10.42		T__				m_e		
ASSE	80.78		P	14:48:41.072	0.1	37.4		5.22		TAS		1512.8	1.13	m_e	MBB	7.4
ASSE	80.78		S	14:58:44.704		40.2		10.42		T__				m_e		
BFO	84.74		P	14:49:01.558		37.4		5.22		TAS	15411.0	2.20	m_e	MBB	7.7	
BFO	84.74		S	14:59:22.735		40.2		10.42		T__				m_e		
BSEG	79.47		P	14:48:34.372	0.3	37.4		5.22		TAS	2401.0	0.98	m_e	MBB	7.4	
BSEG	79.47		S	14:58:31.203		40.2		10.42		T__				m_e		
BUG	82.58		P	14:48:50.204	0.2	37.4		5.22		TAS	1726.3	1.14	m_e	MBB	7.5	
BUG	82.58		S	14:59:10.133		40.2		10.42		T__				m_e		
CLL	80.54		P	14:48:39.513	-0.1	37.4		5.22		TAS	2158.5	0.98	m_e	MBB	7.4	
CLL	80.54		S	14:58:39.754		40.2		10.42		T__				m_e		
CLZ	81.12		P	14:48:42.886	0.2	37.4		5.22		TAS	3243.3	1.17	m_e	MBB	7.4	
CLZ	81.12		S	14:58:45.155		40.2		10.42		T__				m_e		
FLT1	80.41		P	14:48:38.723	-0.3	37.4		5.22		TAS	1980.9	0.98	m_e	MBB	7.4	
FLT1	80.41		S	14:58:40.204		40.2		10.42		T__				m_e		
FUR	83.71		P	14:48:56.752	-0.0	37.4		5.22		TAS	3128.3	1.00	m_e	MBB	7.8	
FUR	83.71		S	14:59:15.759		40.2		10.42		T__				m_e		
GEC2	82.18		P	14:48:47.799	-0.1	37.4		5.22		TAS	806.8	1.00	m_e	MBB	7.3	
GEC2	82.18		S	14:58:57.081		40.2		10.42		T__				m_e		
GOR1	79.86		P	14:48:36.425	0.2	37.4		5.22		TAS	8788.5	1.84	m_e	MBB	7.5	
GOR1	79.86		S	14:58:35.478		40.2		10.42		T__				m_e		
GRA1	82.51		P	14:48:50.642	-0.2	37.4		5.22		TAS	3468.5	1.20	m_e	mb	7.5	
GRA1	82.51		S	14:59:06.513		40.2		10.42		T__				m_e		
GRA1	82.51		L	15:30:22.492						T__	111134.0	22.00	a_e	Ms	7.2	
GTTG	81.51		P	14:48:45.247	0.0	37.4		5.22		TAS	1964.1	0.99	m_e	MBB	7.5	
GTTG	81.51		S	14:58:47.838		40.2		10.42		T__				m_e		
HLG	80.12		P	14:48:37.677	0.2	37.4		5.22		TAS	2253.2	1.01	m_e	MBB	7.3	
HLG	80.12		S	14:58:37.503		40.2		10.42		T__				m_e		
IBBN	81.70		P	14:48:44.989	-0.5	37.4		5.22		TAS	2547.1	1.06	m_e	MBB	7.6	
IBBN	81.70		S	14:58:51.455		40.2		10.42		T__				m_e		
KAST	82.36		P	14:48:49.105	0.6	37.4		5.22		TAS	985.3	1.01	m_e	MBB	7.3	
KAST	82.36		S	14:59:01.113		40.2		10.42		T__				m_e		
MOX	81.60		P	14:48:45.230	-0.8	37.4		5.22		TAS	4871.1	2.02	m_e	MBB	7.4	
MOX	81.60		S	14:58:51.005		40.2		10.42		T__				m_e		
MOX	81.60		L	15:29:32.866						T__	117583.0	22.00	m_e	Ms	7.2	
NEUB	81.11		P	14:48:42.941	0.2	37.4		5.22		TAS	4162.8	1.34	m_e	MBB	7.5	
NEUB	81.11		S	14:58:44.029		40.2		10.42		T__				m_e		
PLN	81.52		P	14:48:44.901	-0.1	37.4		5.22		TAS	2824.2	2.42	m_e	MBB	7.0	
RETH	80.77		P	14:48:40.813	0.1	37.4		5.22		TAS	2380.4	1.27	m_e	MBB	7.4	
RETH	80.77		S	14:58:43.129		40.2		10.42		T__				m_e		
RGN	77.90		P	14:48:25.708	-0.2	37.4		5.22		TAS	3346.9	1.09	m_e	MBB	7.7	
RGN	77.90		S	14:58:18.826		40.2		10.42		T__				m_e		
RUE	79.33		P	14:48:33.540	0.1	37.4		5.22		TAS	1930.4	1.04	m_e	MBB	7.6	
RUE	79.33		S	14:58:29.402		40.2		10.42		T__				m_e		
STU	84.04		P	14:48:58.052	0.5	37.4		5.22		TAS	3475.3	0.98	m_e	MBB	8.0	

TNS	82.50	P	16:04:49.777	-0.4	37.6	5.27	TAS	14.8	0.71	m_e	mb	5.3
WLF	83.81	pP	16:05:12.838				T__				m_e	

Event 20316008 Persian Gulf

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/16	23:15:53.89			26.2990	52.7020				33.0			27		37.65	43.03	m i ke	BGR
20316014																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	20316014
MBB	6.2		BGR	20316014
Ms	5.6		BGR	20316014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	42.27		P	23:23:44.002	-0.7	110.8		8.33		TAS		247.6	1.16	m_e	MBB	6.0
ASSE	40.70		P	23:23:30.422	-0.3	110.8		8.33		TAS		303.0	1.11	m_e	MBB	6.1
BFO	40.85		P	23:23:31.807	0.6	110.8		8.33		TAS		115.6	0.79	m_e	MBB	5.8
BSEG	41.62		P	23:23:37.484	-0.1	110.8		8.33		TAS		439.9	1.12	m_e	MBB	6.3
BUG	42.43		P	23:23:45.610	0.1	110.8		8.33		TAS		610.8	1.24	m_e	MBB	6.3
CLL	39.04		P	23:23:16.599	-0.4	110.8		8.33		TAS		264.9	1.02	m_e	MBB	6.0
CLZ	40.76		P	23:23:31.658	0.3	110.8		8.33		TAS		446.3	0.81	m_e	MBB	6.4
FLT1	40.46		P	23:23:28.418	-0.2	110.8		8.33		TAS		882.2	1.12	m_e	MBB	6.4
FUR	38.92		P	23:23:16.698	1.1	110.8		8.33		TAS		1024.8	1.23	m_e	MBB	6.4
GEC2	37.65		P	23:23:05.670	-0.6	110.8		8.33		TAS		185.8	1.24	m_e	MBB	5.9
GOR1	40.69		P	23:23:30.570	0.3	110.8		8.33		TAS		1006.4	1.20	m_e	MBB	6.7
GRA1	39.47		P	23:23:21.121	-0.0	110.8		8.33		TAS		473.3	0.82	m_e	mb	6.2
GRA1	39.47		L	23:41:39.777						T__		7269.9	19.70	a_e	Ms	5.5
GTTG	40.89		P	23:23:32.207	-0.3	110.8		8.33		TAS		302.3	1.16	m_e	MBB	6.1
HLG	43.03		P	23:23:49.716	0.1	110.8		8.33		TAS		1143.4	1.17	m_e	MBB	6.6
IBBN	42.43		P	23:23:45.016	-0.3	110.8		8.33		TAS		826.7	1.30	m_e	MBB	6.5
KAST	41.68		P	23:23:39.353	0.2	110.8		8.33		TAS		506.1	1.28	m_e	MBB	6.2
MOX	39.59		P	23:23:21.517	-0.2	110.8		8.33		TAS		139.9	1.33	m_e	MBB	5.6
MOX	39.59		L	23:42:13.812						T__		8999.7	18.40	a_e	Ms	5.6
NEUB	39.71		P	23:23:22.306	-0.3	110.8		8.33		TAS		185.3	0.87	m_e	MBB	5.9
PLN	39.21		P	23:23:17.905	-0.5	110.8		8.33		TAS		26.6	1.19	m_e	MBB	5.0
RETH	41.67		P	23:23:38.832	0.1	110.8		8.33		TAS		691.7	1.59	m_e	MBB	6.2
RGN	40.31		P	23:23:26.884	1.1	110.8		8.33		TAS		1290.7	0.92	m_e	MBB	6.7
RUE	39.11		P	23:23:16.945	-0.1	110.8		8.33		TAS		637.0	0.94	m_e	MBB	6.4
STU	40.43		P	23:23:28.087	-0.2	110.8		8.33		TAS		418.3	1.12	m_e	MBB	6.2
TANN	39.00		P	23:23:16.352	0.1	110.8		8.33		TAS		73.8	1.15	m_e	MBB	5.5
TNS	41.34		P	23:23:36.457	0.1	110.8		8.33		TAS		386.1	1.17	m_e	MBB	6.2
UBR	39.52		P	23:23:21.893		110.8		8.33		TAS		858.3	0.92	m_e	MBB	6.3
WLF	42.59		P	23:23:46.872	0.2	110.8		8.33		TAS		396.7	0.96	m_e	MBB	6.2

Event 20317001 Qinghai, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/17	00:26:07.64		38.6300	97.1400					33.0			17		57.66	62.31	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	20317007
Ms	4.7		BGR	20317007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	61.66		P	00:36:21.872		65.6		6.85		TAS		16.2	1.25	m_e mb	5.1
BUG	60.87		P	00:36:17.671	-0.1	65.6		6.85		TAS		59.0	1.73	m_e mb	5.1
CLL	57.66		P	00:35:55.116	0.3	65.6		6.85		TAS		10.5	1.10	m_e mb	4.8
CLZ	58.95		P	00:36:04.685	-0.2	65.6		6.85		TAS		12.0	0.93	m_e mb	4.9
FLT1	58.27		P	00:35:58.662	-0.1	65.6		6.85		TAS		147.8	2.86	m_e mb	5.5
FUR	59.98		P	00:36:12.124		65.6		6.85		TAS		23.2	1.03	m_e mb	5.2
GEC2	58.23		P	00:35:59.781		65.6		6.85		TAS		14.7	1.42	m_e mb	4.8
GOR1	57.97		P	00:35:57.983	0.3	65.6		6.85		TAS		40.5	1.35	m_e mb	5.3
GRA1	59.36		P	00:36:07.526		65.6		6.85		TAS		17.5	0.97	m_e mb	5.1
GRA1	59.36		L	01:02:42.762						T__		662.2	20.70	a_e Ms	4.8
GTTG	59.30		P	00:36:07.611	-0.9	65.6		6.85		TAS		18.7	1.05	m_e mb	5.0
MOX	58.73		P	00:36:03.211	0.2	65.6		6.85		TAS		31.0	1.84	m_e mb	5.0
MOX	58.73		L	01:02:44.194						T__		661.4	20.80	a_e Ms	4.7
NEUB	58.42		P	00:36:00.678	-1.1	65.6		6.85		TAS		15.1	0.92	m_e mb	5.0
PLN	58.48		P	00:36:00.967		65.6		6.85		TAS		59.3	3.04	m_e mb	5.1
RETH	59.15		P	00:36:05.912	0.8	65.6		6.85		TAS		20.6	1.45	m_e mb	5.0
TANN	58.33		P	00:35:59.280		65.6		6.85		TAS		16.9	1.41	m_e mb	4.9
UBR	60.90		P	00:36:17.781		65.6		6.85		TAS		22.2	1.15	m_e mb	4.9
WLF	62.31		P	00:36:27.451		65.6		6.85		TAS		30.7	1.41	m_e mb	5.3

Event 20317002 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/17	05:06:13.95		25.7220	120.0360					33.0			11		80.15	84.73	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	20317008
Ms	4.4		BGR	20317008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	80.26		P	05:18:20.964	-0.9	59.5		5.26		TAS		22.6	0.97	m_e mb	5.1
CLL	80.15		P	05:18:19.483		59.5		5.26		TAS		16.2	0.89	m_e mb	5.0

FLT1	80.60	P	05:18:21.812	0.4	59.5	5.26	TAS	16.4	0.85	m_e	mb	5.1
GEC2	80.95	P	05:18:24.369		59.5	5.26	TAS	13.8	0.99	m_e	mb	4.9
GOR1	80.23	P	05:18:21.810	-0.9	59.5	5.26	TAS	20.2	0.94	m_e	mb	5.0
GRA1	81.94	L	06:18:32.732				T__	202.3	19.50	a_e	Ms	4.5
IBBN	82.43	P	05:18:32.031		59.5	5.26	TAS	28.6	0.86	m_e	mb	5.4
MOX	81.24	L	06:18:09.674				T__	153.4	19.90	a_e	Ms	4.4
PLN	81.02	P	05:18:24.994		59.5	5.26	TAS	3.3	0.98	m_e	mb	4.3
STU	83.55	P	05:18:37.417		59.5	5.26	TAS	41.0	1.01	m_e	mb	5.6
TANN	80.89	P	05:18:25.206		59.5	5.26	TAS	5.4	0.93	m_e	mb	4.6
TNS	83.19	P	05:18:35.665		59.5	5.26	TAS	7.4	0.74	m_e	mb	5.0
UBR	83.61	P	05:18:39.406		59.5	5.26	TAS	11.8	0.89	m_e	mb	5.1
WLF	84.73	P	05:18:44.840		59.5	5.26	TAS	18.6	1.03	m_e	mb	5.3

Event 20317003 Eastern Kashmir

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/17	13:41:17.62		35.1520	78.3510				33.0				17		48.52	53.21	m i ke	BGR
OrigID 20317009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	20317009
Ms	4.4		BGR	20317009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	52.44		P	13:50:25.752		80.2		7.60		TAS		33.9	0.91	m_e	mb	5.3
BSEG	49.91		P	13:50:06.790	-0.8	80.2		7.60		TAS		32.0	0.77	m_e	mb	5.3
BUG	52.14		P	13:50:23.895	-0.2	80.2		7.60		TAS		30.7	0.91	m_e	mb	5.2
CLL	48.62		P	13:49:56.126	-0.1	80.2		7.60		TAS		19.8	0.90	m_e	mb	5.1
CLZ	50.17		P	13:50:08.479	-0.2	80.2		7.60		TAS		33.8	1.03	m_e	mb	5.2
FLT1	49.57		P	13:50:03.035	-0.6	80.2		7.60		TAS		46.2	0.92	m_e	mb	5.4
FUR	50.22		P	13:50:09.742		80.2		7.60		TAS		90.7	0.88	m_e	mb	5.7
GEC2	48.52		P	13:49:56.163		80.2		7.60		TAS		21.7	0.89	m_e	mb	5.2
GOR1	49.44		P	13:50:03.147	0.0	80.2		7.60		TAS		45.8	1.16	m_e	mb	5.4
GRA1	49.98		P	13:50:07.991		80.2		7.60		TAS		40.4	1.01	m_e	mb	5.3
GRA1	49.98		L	14:12:52.244						T__		368.7	20.00	a_e	Ms	4.4
GTTG	50.46		P	13:50:10.610		80.2		7.60		TAS		56.5	1.00	m_e	mb	5.5
MOX	49.58		P	13:50:03.598	0.1	80.2		7.60		TAS		22.7	0.98	m_e	mb	5.1
MOX	49.58		L	14:12:56.255						T__		359.9	20.60	a_e	Ms	4.4
NEUB	49.40		P	13:50:02.622	0.1	80.2		7.60		TAS		33.2	0.90	m_e	mb	5.4
PLN	49.26		P	13:50:01.533		80.2		7.60		TAS		4.6	0.99	m_e	mb	4.5
TANN	49.08		P	13:50:00.219		80.2		7.60		TAS		12.8	0.94	m_e	mb	4.9
TNS	51.64		P	13:50:19.730		80.2		7.60		TAS		14.9	0.93	m_e	mb	4.9
UBR	51.09		P	13:50:15.562		80.2		7.60		TAS		30.1	0.85	m_e	mb	5.2
WLF	53.21		P	13:50:31.671		80.2		7.60		TAS		36.3	0.99	m_e	mb	5.3

Event 20317004 Ascension Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/17	22:25:47.75			-11.9990	-10.7590				33.0				23	62.29	68.12	m i	BGR
OrigID																	
20317010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	20317010
Ms	5.0		BGR	20317010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	64.23		P	22:36:21.222	0.3	203.9		6.53		TAS		89.3	1.50	m_e	mb	5.8
BFO	62.44		P	22:36:08.894	-0.5	203.9		6.53		TAS		24.8	1.05	m_e	mb	5.4
BSEG	68.12		P	22:36:45.816		203.9		6.53		TAS		260.1	2.08	m_e	mb	6.1
CLL	66.38		P	22:36:34.983	0.3	203.9		6.53		TAS		82.3	1.98	m_e	mb	5.6
CLZ	66.19		P	22:36:34.051	-0.4	203.9		6.53		TAS		115.6	1.88	m_e	mb	5.8
FLT1	66.85		P	22:36:38.678	-0.8	203.9		6.53		TAS		362.0	2.35	m_e	mb	6.2
FUR	63.05		P	22:36:13.195	-0.3	203.9		6.53		TAS		356.9	2.17	m_e	mb	6.1
GEC2	64.36		P	22:36:22.703	0.7	203.9		6.53		TAS		128.1	1.77	m_e	mb	5.9
GOR1	67.48		P	22:36:42.512		203.9		6.53		TAS		903.3	2.93	m_e	mb	6.5
GRA1	64.43		P	22:36:22.574	0.0	203.9		6.53		TAS		38.6	1.23	m_e	mb	5.5
GRA1	64.43		L	23:04:00.530						T__		1194.3	20.60	a_e	Ms	5.1
GTTG	65.82		P	22:36:32.125	0.1	203.9		6.53		TAS		70.6	1.38	m_e	mb	5.7
IBBN	66.04		P	22:36:33.237	0.0	203.9		6.53		TAS		292.6	2.22	m_e	mb	6.1
KAST	65.15		P	22:36:27.045	-0.2	203.9		6.53		TAS		340.0	2.87	m_e	mb	6.1
MOX	65.41		P	22:36:28.874	0.1	203.9		6.53		TAS		54.6	1.27	m_e	mb	5.6
MOX	65.41		L	23:03:26.062						T__		1120.6	20.90	a_e	Ms	5.0
NEUB	65.95		P	22:36:32.662	0.4	203.9		6.53		TAS		50.0	0.98	m_e	mb	5.7
PLN	65.40		P	22:36:28.744	-0.1	203.9		6.53		TAS		12.6	1.17	m_e	mb	5.0
RETH	66.79		P	22:36:37.950	0.0	203.9		6.53		TAS		308.5	2.28	m_e	mb	6.1
RUE	67.64		P	22:36:43.642		203.9		6.53		TAS		54.2	1.07	m_e	mb	5.7
STU	63.07		P	22:36:13.193	-0.3	203.9		6.53		TAS		90.6	1.29	m_e	mb	5.8
TANN	65.42		P	22:36:29.157	0.5	203.9		6.53		TAS		53.7	1.33	m_e	mb	5.6
TNS	64.24		P	22:36:20.884	-0.2	203.9		6.53		TAS		53.8	1.24	m_e	mb	5.6
UBR	62.29		P	22:36:08.496	0.0	203.9		6.53		TAS		39.8	0.97	m_e	mb	5.6
WLF	63.21		P	22:36:14.427	0.2	203.9		6.53		TAS		260.1	2.15	m_e	mb	6.0

Event 20318008 Southwestern Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/18	19:03:59.93			24.2000	123.4030				33.0				24	82.19	87.75	m i ke	BGR
OrigID																	
20318014																	

Magnitude	Err	Nsta	Author	OrigID

mb 5.6 BGR 20318014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	87.34		P	19:16:42.690		54.7		4.32		TAS		29.9	1.10	m_e mb	5.3
BUG	86.14		P	19:16:36.825		54.7		4.32		TAS		77.0	1.17	m_e mb	5.7
CLL	83.20		P	19:16:21.928	0.3	54.7		4.32		TAS		304.3	2.21	m_e mb	6.1
CLZ	84.31		P	19:16:28.219	0.1	54.7		4.32		TAS		41.1	1.01	m_e mb	5.6
FLT1	83.60		P	19:16:23.819	0.3	54.7		4.32		TAS		28.0	0.87	m_e mb	5.5
FUR	85.79		P	19:16:35.852		54.7		4.32		TAS		98.0	1.05	m_e mb	5.9
GEC2	84.06		P	19:16:26.892	-0.1	54.7		4.32		TAS		37.4	1.06	m_e mb	5.5
GOR1	83.22		P	19:16:22.410	0.0	54.7		4.32		TAS		61.4	1.20	m_e mb	5.7
GRA1	85.01		P	19:16:31.640	0.5	54.7		4.32		TAS		106.4	1.54	m_e mb	5.8
GRA2	84.95		P	19:16:31.435	0.0	54.7		4.32		TAS		62.6	1.37	m_e mb	5.7
GRA3	84.92		P	19:16:31.408	-0.2	54.7		4.32		TAS		61.0	1.04	m_e mb	5.8
GRC1	85.21		P	19:16:32.235		54.7		4.32		TAS		29.8	0.91	m_e mb	5.5
GRC2	85.36		P	19:16:33.206		54.7		4.32		TAS		45.8	1.27	m_e mb	5.6
GRC3	85.23		P	19:16:32.226		54.7		4.32		TAS		32.1	1.03	m_e mb	5.5
GRC4	85.16		P	19:16:32.026		54.7		4.32		TAS		30.8	0.90	m_e mb	5.5
GTTG	84.69		P	19:16:29.820	-0.1	54.7		4.32		TAS		81.6	1.40	m_e mb	5.8
IBBN	85.40		P	19:16:33.385		54.7		4.32		TAS		82.0	1.00	m_e mb	5.9
KAST	85.68		P	19:16:34.629		54.7		4.32		TAS		32.2	1.02	m_e mb	5.4
PLN	84.08		P	19:16:26.710	0.3	54.7		4.32		TAS		7.9	1.18	m_e mb	4.8
RUE	82.19		P	19:16:17.059	0.1	54.7		4.32		TAS		65.1	1.00	m_e mb	5.7
STU	86.62		P	19:16:39.497		54.7		4.32		TAS		94.9	0.95	m_e mb	5.9
TNS	86.22		P	19:16:37.554		54.7		4.32		TAS		35.3	1.00	m_e mb	5.5
UBR	86.71		P	19:16:39.055		54.7		4.32		TAS		56.2	1.12	m_e mb	5.6
WLF	87.75		P	19:16:45.328		54.7		4.32		TAS		113.9	1.20	m_e mb	6.1

Event 20319001 Northern Algeria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/19	09:59:07.61			35.5230	4.4690				33.0			41		12.41	18.85	m i ke	BGR
OrigID 20319007																	

Magnitude Err Nsta Author OrigID
mb 4.6 BGR 20319007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABG1	16.50		P	10:03:04.808	3.5	199.1		13.89		TAS		59.4	1.20	m_e mb	4.6
AHRW	15.12		P	10:02:44.208	-0.2	199.1		13.89		TAS		15.3	0.61	m_e	
ARSA	14.33		P	10:02:35.269	-1.7	199.1		13.89		TAS		71.4	1.05	m_e	
ASSE	17.17		P	10:03:12.646		199.1		13.89		TAS		97.3	1.33	m_e	
BFO	13.11		P	10:02:17.041	1.2	199.1		13.89		TAS		25.3	0.93	m_e	
BIOA	13.94		P	10:02:29.558	5.3	199.1		13.89		TAS		112.8	2.02	m_e	
BSEG	18.85		P	10:03:35.838		199.1		13.89		TAS		193.1	1.43	m_e	
BUG	16.03		P	10:02:56.950		199.1		13.89		TAS		87.7	1.13	m_e	

CLL	16.93	P	10:03:10.133	199.1	13.89	TAS	82.4	1.56	m_e
CLZ	16.85	P	10:03:09.286	199.1	13.89	TAS	82.5	1.37	m_e
FETA	12.41	P	10:02:11.228	1.0 199.1	13.89	TAS	66.6	1.26	m_e
FLT1	17.47	P	10:03:17.246	199.1	13.89	TAS	157.0	1.55	m_e
FUR	13.60	P	10:02:24.625	-2.5 199.1	13.89	TAS	37.5	1.04	m_e
GEC2	14.95	P	10:02:42.080	-3.9 199.1	13.89	TAS	83.1	1.46	m_e
GOR1	18.11	P	10:03:26.329	199.1	13.89	TAS	1015.3	3.01	m_e
GRA1	14.99	P	10:02:42.782	2.2 199.1	13.89	TAS			m_e
GRA4	14.93	P	10:02:41.623	-0.9 199.1	13.89	TAS	80.9	1.15	m_e
GRB1	14.82	P	10:02:40.672	1.2 199.1	13.89	TAS	50.7	1.32	m_e
GRB3	14.82	P	10:02:40.533	-1.8 199.1	13.89	TAS	169.4	1.64	m_e
GRB5	14.57	P	10:02:37.196	-0.4 199.1	13.89	TAS	34.2	1.02	m_e
GRC1	14.42	P	10:02:35.527	-1.6 199.1	13.89	TAS	26.1	1.18	m_e
GRC2	14.27	P	10:02:32.493	-1.5 199.1	13.89	TAS	36.0	1.10	m_e
GRC3	14.34	P	10:02:34.152	-1.6 199.1	13.89	TAS	54.4	1.54	m_e
GRC4	14.51	P	10:02:36.361	-2.1 199.1	13.89	TAS	32.9	1.21	m_e
KAST	15.92	P	10:02:54.022	1.8 199.1	13.89	TAS			m_e
KBA	13.32	P	10:02:22.246	-1.4 199.1	13.89	TAS	96.3	1.39	m_e
LESA	13.37	P	10:02:22.896	2.8 199.1	13.89	TAS	82.6	1.15	m_e
MLFH	16.22	P	10:03:00.532	199.1	13.89	TAS	119.3	1.68	m_e
MOA	14.31	P	10:02:35.228	-1.8 199.1	13.89	TAS	55.5	1.56	m_e
MOTA	12.81	P	10:02:15.333	0.6 199.1	13.89	TAS	199.3	1.84	m_e
MOX	15.97	P	10:02:55.456	199.1	13.89	TAS	70.5	1.20	m_e
PLN	15.96	P	10:02:53.327	199.1	13.89	TAS	45.5	2.16	m_e
POSS	16.45	P	10:03:03.751	199.1	13.89	TAS	149.9	1.71	m_e
RETH	17.55	P	10:03:21.657	199.1	13.89	TAS	188.6	1.52	m_e
SCHF	16.19	P	10:03:01.187	199.1	13.89	TAS			m_e
SQTA	12.72	P	10:02:15.695	-0.1 199.1	13.89	TAS	163.4	1.40	m_e
TANN	15.97	P	10:02:53.188	199.1	13.89	TAS	32.5	1.17	m_e
TAUT	16.31	P	10:03:01.483	199.1	13.89	TAS	105.2	1.30	m_e
TNS	14.97	P	10:02:41.623	-4.2 199.1	13.89	TAS	50.1	1.46	m_e
UBR	12.85	P	10:02:16.857	-1.9 199.1	13.89	TAS	102.5	1.46	m_e
WLF	14.18	P	10:02:32.285	-1.8 199.1	13.89	TAS	114.9	1.54	m_e
WTTA	12.89	P	10:02:16.735	2.4 199.1	13.89	TAS	49.4	1.51	m_e

Event 20320005 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/20	18:10:34.20			-28.8680	-176.8000				10.0			25		154.34	160.39	m i ke	NEIC
20320044																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.7		BGR	20320011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	158.07		PKPab	18:31:09.801	0.0	19.3		4.43		TAS					m_e

ASSE	156.03	PKPdf	18:30:31.952	1.0	16.8	1.21	TAS	m_e											
BFO	160.08	PKPab	18:31:17.935	0.3	19.3	4.43	TAS	m_e											
BSEG	154.34	PKPab	18:30:53.096	0.3	19.3	4.43	TAS	m_e											
BUG	157.16	PKPdf	18:30:34.372		16.8	1.21	TAS	m_e											
CLL	156.34	PKPab	18:31:00.823	0.2	19.3	4.43	TAS	m_e											
CLZ	156.35	PKPdf	18:30:33.733	0.6	16.8	1.21	TAS	m_e											
CLZ	156.35	PKPab	18:31:01.796	-0.0	19.3	4.43	TAS	m_e											
FLT1	155.74	PKPdf	18:30:32.402	-0.3	16.8	1.21	TAS	m_e											
FLT1	155.74	PKPab	18:30:58.378	0.5	19.3	4.43	TAS	m_e											
FUR	159.67	PKPab	18:31:16.263	0.1	19.3	4.43	TAS	m_e											
GEC2	158.42	PKPdf	18:30:35.952		16.8	1.21	TAS	m_e											
GEC2	158.42	PKPab	18:31:10.782	-0.1	19.3	4.43	TAS	m_e											
GOR1	155.09	PKPdf	18:30:32.526	0.2	16.8	1.21	TAS	m_e											
GRA1	158.25	PKPab	18:31:10.223	0.0	19.3	4.43	TAS	m_e											
GRA1	158.25	L	19:54:25.947				T__			1322.2	21.70	a_e Ms					5.7		
GTTG	156.71	PKPab	18:31:03.168	-0.2	19.3	4.43	TAS	m_e											
IBBN	156.26	PKPab	18:31:01.613	0.2	19.3	4.43	TAS	m_e											
KAST	157.27	PKPdf	18:30:34.987		16.8	1.21	TAS	m_e											
KAST	157.27	PKPab	18:31:05.753	0.2	19.3	4.43	TAS	m_e											
MOX	157.26	PKPdf	18:30:35.657		16.8	1.21	TAS	m_e											
MOX	157.26	PKPab	18:31:05.409	0.0	19.3	4.43	TAS	m_e											
MOX	157.26	L	19:51:00.067				T__			1003.8	21.20	a_e Ms					5.6		
NEUB	156.71	PKPdf	18:30:34.324		16.8	1.21	TAS	m_e											
NEUB	156.71	PKPab	18:31:02.778	-0.5	19.3	4.43	TAS	m_e											
PLN	157.30	PKPab	18:31:05.604	0.0	19.3	4.43	TAS	m_e											
RETH	155.64	PKPab	18:30:58.844	0.0	19.3	4.43	TAS	m_e											
RUE	155.07	PKPdf	18:30:32.073	-1.2	16.8	1.21	TAS	m_e											
STU	159.52	PKPdf	18:30:37.980		16.8	1.21	TAS	m_e											
STU	159.52	PKPab	18:31:15.697		19.3	4.43	TAS	m_e											
TANN	157.29	PKPab	18:31:05.556		19.3	4.43	TAS	m_e											
TNS	158.22	PKPab	18:31:09.489		19.3	4.43	TAS	m_e											
UBR	160.39	PKPdf	18:30:37.882		16.8	1.21	TAS	m_e											
UBR	160.39	PKPab	18:31:19.275		19.3	4.43	TAS	m_e											
WLF	159.02	PKPab	18:31:14.229		19.3	4.43	TAS	m_e											

Event 20321001 Norwegian Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/21	05:32:55.93	0.60	0.76	61.4410	2.2840	14.5	6.7	61	10.0			30	327	7.72	16.11	m i ke	BGR
20321007																	

Magnitude	Err	Nsta	Author	OrigID
ML	5.4		BGR	20321007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	11.23		Pn	05:35:35.368	-0.1					T__					m_e

ARSA	16.11	Pn	05:36:42.410	0.3	T__	m_e		
ASSE	10.39	Pn	05:35:23.234	-0.6	T__	m_e		
BFO	13.57	Pn	05:36:06.964	-0.4	T__	m_e		
BSEG	8.65	Pn	05:35:00.007	-0.0	T__	m_e	ML	5.4
BUG	10.38	Sn	05:37:12.490	0.5	T__	m_e		
BUG	10.38	Pn	05:35:23.261	-0.5	T__	m_e		
CLZ	10.58	Sn	05:37:17.242	0.6	T__	m_e		
DAVA	14.83	Pn	05:36:25.644	1.1	T__	m_e		
FALKS	10.94	Sn	05:37:24.750	-0.5	T__	m_e		
FLT1	10.34	Sn	05:37:10.203	-0.7	T__	m_e		
FLT1	10.34	Pn	05:35:22.846	-0.3	T__	m_e		
GEC2	14.16	Pn	05:36:15.434	-0.1	T__	m_e		
GTTG	10.77	Sn	05:37:20.193	-0.9	T__	m_e		
GTTG	10.77	Pn	05:35:28.204	-0.8	T__	m_e		
HGN	10.88	Pn	05:35:31.045	0.5	T__	m_e		
IBBN	9.62	Sn	05:36:54.111	0.3	T__	m_e		
IBBN	9.62	Pn	05:35:13.013	-0.3	T__	m_e		
KBA	15.72	Pn	05:36:36.616	-0.2	T__	m_e		
KUDEN	8.34	Pn	05:34:56.792	1.0	T__	m_e		
LESA	15.24	Pn	05:36:28.723	-1.5	T__	m_e		
LUEB	9.80	Sn	05:36:57.997	-0.1	T__	m_e		
LUEB	9.80	Pn	05:35:16.177	0.4	T__	m_e		
MOA	15.23	Pn	05:36:28.950	-1.1	T__	m_e		
OPLO	10.05	Pn	05:35:20.576	1.5	T__	m_e		
PLN	12.26	Pn	05:35:48.358	-1.1	T__	m_e		
RETH	9.52	Pn	05:35:11.449	-0.5	T__	m_e		
RGN	9.04	Sn	05:36:41.081	1.0	T__	m_e		
RGN	9.04	Pn	05:35:05.980	0.6	T__	m_e		
SKMB	7.72	Sn	05:36:09.199	0.5	T__	m_e		
TANN	12.40	Pn	05:35:50.641	-0.8	T__	m_e		
TNS	11.74	Pn	05:35:43.458	1.0	T__	m_e		
TNS	11.74	Sn	05:37:43.856	-0.5	T__	m_e		
UBR	14.48	Pn	05:36:20.445	0.6	T__	m_e		
WLF	11.99	Pn	05:35:46.290	0.5	T__	m_e		
WTSB	9.80	Sn	05:36:56.904	-1.3	T__	m_e		
WTSB	9.80	Pn	05:35:15.443	-0.4	T__	m_e		

Event 20322010 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/22	16:35:12.42	1.40	1.72	10.6610	-43.4140	40.0	15.6	172	33.0				38 304	56.37	62.39	m i ke	BGR
20322016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	20322016
MBB	6.3		BGR	20322016

Ms 6.5 BGR 20322016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	57.29		P	16:44:55.950	0.3	249.4		6.95		TAS		241.1	1.87	m_e	mb 5.9
ASSE	60.00		P	16:45:14.270	-0.0	249.4		6.95		TAS		64.4	1.40	m_e	mb 5.5
BFO	57.12		P	16:44:52.537	-2.0	249.4		6.95		TAS		112.8	0.97	m_e	mb 5.9
BSEG	60.53		P	16:45:16.518	-1.1	249.4		6.95		TAS		190.2	1.15	m_e	mb 5.8
BUG	57.79		P	16:44:57.242	-1.8	249.4		6.95		TAS		87.0	1.03	m_e	mb 5.7
CLL	61.03		P	16:45:19.366	-2.3	249.4		6.95		TAS		84.5	1.18	m_e	mb 5.5
CLZ	59.71		P	16:45:10.266	-2.1	249.4		6.95		TAS		66.5	1.10	m_e	mb 5.6
FLT1	60.39		P	16:45:16.057	-1.0	249.4		6.95		TAS		60.9	1.14	m_e	mb 5.5
FUR	58.89		P	16:45:06.442	-0.2	249.4		6.95		TAS		134.5	0.96	m_e	mb 6.0
GEC2	60.63		P	16:45:17.674	-1.1	249.4		6.95		TAS		171.9	1.95	m_e	mb 5.5
GOR1	60.69		P	16:45:18.432	-0.6	249.4		6.95		TAS		1246.2	2.67	m_e	mb 6.3
GRA1	59.40		P	16:45:11.996	1.7	249.4		6.95		TAS		53.5	1.63	m_e	mb 5.3
GRA1	59.40		L	17:06:34.485						T__		28433.8	21.10	a_e	Ms 6.4
GRA2	59.47		P	16:45:13.411	2.6	249.4		6.95		TAS		66.3	1.07	m_e	mb 5.6
GRA3	59.48		P	16:45:13.379	2.5	249.4		6.95		TAS		58.2	1.25	m_e	mb 5.5
GRA4	59.48		P	16:45:10.134	-0.8	249.4		6.95		TAS		142.4	1.11	m_e	mb 5.9
GRB1	59.55		P	16:45:12.215	0.8	249.4		6.95		TAS		109.3	1.05	m_e	mb 5.8
GRB2	59.52		P	16:45:12.092	0.9	249.4		6.95		TAS		102.1	1.09	m_e	mb 5.8
GRB3	59.63		P	16:45:12.830	0.9	249.4		6.95		TAS		76.6	1.14	m_e	mb 5.6
GRB5	59.47		P	16:45:10.986	0.2	249.4		6.95		TAS		82.0	0.96	m_e	mb 5.7
GRC1	59.33		P	16:45:10.125	0.3	249.4		6.95		TAS		79.7	1.02	m_e	mb 5.7
GRC2	59.19		P	16:45:09.756	0.9	249.4		6.95		TAS		75.2	0.98	m_e	mb 5.7
GRC3	59.33		P	16:45:10.508	0.7	249.4		6.95		TAS		90.7	0.96	m_e	mb 5.8
GRC4	59.36		P	16:45:09.052	-1.0	249.4		6.95		TAS		89.6	0.99	m_e	mb 5.8
GTTG	59.36		P	16:45:10.617	0.6	249.4		6.95		TAS		133.4	1.15	m_e	mb 5.9
HLG	59.34		P	16:45:11.609	2.4	249.4		6.95		TAS		212.2	1.07	m_e	mb 6.1
IBBN	58.44		P	16:45:05.227	1.9	249.4		6.95		TAS		113.0	1.01	m_e	mb 5.8
KAST	58.34		P	16:45:04.153	1.3	249.4		6.95		TAS		69.0	1.36	m_e	mb 5.5
MOX	59.98		P	16:45:12.450	-1.9	249.4		6.95		TAS		82.7	1.07	m_e	mb 5.7
MOX	59.98		L	17:08:01.055						T__		53641.9	19.00	a_e	Ms 6.7
NEUB	60.27		P	16:45:15.119	-1.2	249.4		6.95		TAS		123.1	1.12	m_e	mb 5.8
PLN	60.24		P	16:45:15.288	-0.9	249.4		6.95		TAS		20.1	1.12	m_e	mb 5.1
RETH	59.51		P	16:45:10.140	-0.6	249.4		6.95		TAS		86.6	1.16	m_e	mb 5.7
RGN	62.39		P	16:45:29.817		249.4		6.95		TAS		141.9	1.18	m_e	MBB 6.8
RUE	61.89		P	16:45:29.395	-0.7	249.4		6.95		TAS		143.2	1.19	m_e	mb 6.1
STU	57.82		P	16:45:00.366	0.9	249.4		6.95		TAS		249.6	0.92	m_e	mb 6.2
TANN	60.40		P	16:45:18.608	1.4	249.4		6.95		TAS		65.1	1.31	m_e	mb 5.5
TNS	57.95		P	16:44:59.587	-0.7	249.4		6.95		TAS		47.1	0.86	m_e	mb 5.5
UBR	57.98		P	16:44:58.638	-1.8	249.4		6.95		TAS		120.5	1.01	m_e	mb 5.9
WLF	56.37		P	16:44:48.904	-0.5	249.4		6.95		TAS		70.3	1.03	m_e	mb 5.6

Event 20322008 Taiwan region

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

OrigID
 2022/03/22 17:41:35.87 22.6930 122.1950 33.0 50 82.03 88.33 m i ke BGR
 20322014

Magnitude Err Nsta Author OrigID
 mb 6.3 BGR 20322014
 MBB 6.4 BGR 20322014
 Ms 7.1 BGR 20322014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	87.35		P	17:54:18.895	-0.3	59.6		5.00		TAS		309.8	1.50	m_e	MBB 6.2
ARSA	84.20		P	17:54:03.173	-0.1	59.6		5.00		TAS		235.2	1.52	m_e	MBB 6.3
ASSE	84.60		P	17:54:05.016	-0.1	59.6		5.00		TAS		272.9	1.47	m_e	MBB 6.3
BFO	87.87		P	17:54:21.040	0.1	59.6		5.00		TAS		166.0	1.56	m_e	MBB 6.3
BIOA	85.12		P	17:54:07.993	0.0	59.6		5.00		TAS		820.8	2.17	m_e	MBB 6.4
BSEG	83.86		P	17:54:01.462	-0.6	59.6		5.00		TAS		276.4	1.65	m_e	MBB 6.2
BUG	86.75		P	17:54:16.073	0.1	59.6		5.00		TAS		541.2	1.45	m_e	MBB 6.6
CLL	83.75		P	17:54:00.555	0.1	59.6		5.00		TAS		787.4	1.91	m_e	MBB 6.5
CLZ	84.90		P	17:54:07.181	-0.0	59.6		5.00		TAS		301.1	1.12	m_e	MBB 6.6
DAVA	87.53		P	17:54:19.560	-0.5	59.6		5.00		TAS		150.2	1.52	m_e	MBB 6.2
FETA	87.17		P	17:54:17.937	-0.2	59.6		5.00		TAS		115.6	1.32	m_e	MBB 6.0
FLT1	84.20		P	17:54:02.709	-0.1	59.6		5.00		TAS		2105.1	3.33	m_e	MBB 6.4
FUR	86.27		P	17:54:14.301	0.3	59.6		5.00		TAS		1545.8	1.94	m_e	MBB 6.7
GEC2	84.54		P	17:54:05.056	-0.3	59.6		5.00		TAS		186.2	1.03	m_e	MBB 6.5
GOR1	83.83		P	17:54:01.514	-0.1	59.6		5.00		TAS		593.7	1.46	m_e	MBB 6.8
GRA1	85.53		P	17:54:10.239	0.3	59.6		5.00		TAS		238.6	1.76	m_e	mb 6.0
GRA1	85.53		L	18:35:02.824						T__		50582.6	18.70	a_e	Ms 6.9
GRA2	85.48		P	17:54:09.937	0.1	59.6		5.00		TAS		757.9	1.76	m_e	MBB 6.4
GRA3	85.44		P	17:54:09.973	0.3	59.6		5.00		TAS		430.8	1.08	m_e	MBB 6.8
GRA4	85.48		P	17:54:09.805	0.2	59.6		5.00		TAS		507.4	1.63	m_e	MBB 6.3
GRB1	85.44		P	17:54:09.822	0.5	59.6		5.00		TAS		203.0	1.03	m_e	MBB 6.5
GRB2	85.49		P	17:54:09.973	0.3	59.6		5.00		TAS		149.9	1.01	m_e	MBB 6.2
GRB3	85.38		P	17:54:09.418	0.3	59.6		5.00		TAS		281.2	1.17	m_e	MBB 6.5
GRB5	85.57		P	17:54:10.407	-0.2	59.6		5.00		TAS		250.1	1.05	m_e	MBB 6.5
GRC1	85.71		P	17:54:11.120	0.1	59.6		5.00		TAS		1000.4	1.88	m_e	MBB 6.4
GRC2	85.86		P	17:54:11.534	0.1	59.6		5.00		TAS		735.9	1.83	m_e	MBB 6.4
GRC3	85.73		P	17:54:11.047	-0.3	59.6		5.00		TAS		814.3	1.81	m_e	MBB 6.4
GRC4	85.67		P	17:54:10.737	0.3	59.6		5.00		TAS		190.0	0.97	m_e	MBB 6.3
GTTG	85.27		P	17:54:08.938	0.3	59.6		5.00		TAS		250.4	0.74	m_e	MBB 6.5
HLG	84.96		P	17:54:07.012	-0.0	59.6		5.00		TAS		462.9	1.46	m_e	MBB 6.5
IBBN	86.03		P	17:54:12.524	0.7	59.6		5.00		TAS		167.7	0.43	m_e	MBB 6.6
KAST	86.28		P	17:54:13.952	-0.2	59.6		5.00		TAS		334.1	1.71	m_e	MBB 6.1
KBA	85.59		P	17:54:09.974	0.1	59.6		5.00		TAS		226.2	1.74	m_e	MBB 5.8
LESA	85.82		P	17:54:10.995	-0.0	59.6		5.00		TAS		208.2	1.22	m_e	MBB 6.3
MOA	84.68		P	17:54:06.008	-0.1	59.6		5.00		TAS		178.4	0.91	m_e	MBB 6.6
MOTA	86.79		P	17:54:15.681	-0.3	59.6		5.00		TAS		144.1	1.46	m_e	MBB 5.9
MOX	84.83		P	17:54:06.347	0.4	59.6		5.00		TAS		486.7	1.74	m_e	MBB 6.4
MOX	84.83		L	18:35:54.732						T__		99926.4	18.30	a_e	Ms 7.2
NEUB	84.48		P	17:54:04.529	-0.1	59.6		5.00		TAS		782.1	1.71	m_e	MBB 6.7

OBKA	85.14	P	17:54:07.885	0.3	59.6	5.00	TAS	141.1	0.77	m_e	MBB	6.0
PLN	84.61	P	17:54:05.283	0.4	59.6	5.00	TAS	166.3	1.68	m_e	MBB	5.9
RETA	86.91	P	17:54:16.411	-0.1	59.6	5.00	TAS	47.7	1.37	m_e	MBB	5.9
RETH	84.97	P	17:54:07.126	0.1	59.6	5.00	TAS	387.6	1.59	m_e	MBB	6.4
RGN	82.03	P	17:53:52.160	-0.3	59.6	5.00	TAS	562.1	1.60	m_e	MBB	6.5
RUE	82.77	P	17:53:56.018	-0.1	59.6	5.00	TAS	1046.3	1.87	m_e	MBB	6.6
SQTA	86.79	P	17:54:15.813	-0.4	59.6	5.00	TAS	410.3	1.80	m_e	MBB	6.2
STU	87.14	P	17:54:17.903	-0.1	59.6	5.00	TAS	630.9	1.60	m_e	MBB	6.6
TANN	84.48	P	17:54:04.647	0.1	59.6	5.00	TAS	365.0	1.67	m_e	MBB	6.3
TNS	86.79	P	17:54:16.282	-0.5	59.6	5.00	TAS	256.6	1.52	m_e	MBB	6.1
UBR	87.20	P	17:54:18.025	-0.1	59.6	5.00	TAS	212.3	1.38	m_e	MBB	6.2
WLF	88.33	P	17:54:23.999		59.6	5.00	TAS	610.0	1.52	m_e	MBB	6.8
WTTA	86.52	P	17:54:14.563	0.0	59.6	5.00	TAS	653.4	1.91	m_e	MBB	6.2

Event 20322013 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/22	19:35:03.77			23.5990	122.5340				33.0			33		83.21	87.78	m i ke	BGR
OrigID 20322019																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	20322019
Ms	5.2		BGR	20322019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.79		P	19:47:43.801		59.0		5.02		TAS		75.8	1.39	m_e	mb 5.6
ASSE	84.04		P	19:47:29.972	-0.0	59.0		5.02		TAS		108.6	1.66	m_e	mb 5.8
BSEG	83.28		P	19:47:26.205	-0.1	59.0		5.02		TAS		33.5	1.15	m_e	mb 5.5
BUG	86.19		P	19:47:41.016	0.1	59.0		5.02		TAS		102.5	1.21	m_e	mb 5.8
CLL	83.21		P	19:47:25.542	-0.4	59.0		5.02		TAS		32.3	0.89	m_e	mb 5.6
CLZ	84.35		P	19:47:32.113	0.3	59.0		5.02		TAS		95.2	1.22	m_e	mb 5.9
FLT1	83.64		P	19:47:27.752	-0.2	59.0		5.02		TAS		57.3	1.28	m_e	mb 5.7
FUR	85.76		P	19:47:39.115	-0.2	59.0		5.02		TAS		191.2	1.34	m_e	mb 6.1
GEC2	84.03		P	19:47:30.169	0.1	59.0		5.02		TAS		74.6	1.27	m_e	mb 5.8
GOR1	83.26		P	19:47:26.555	-0.1	59.0		5.02		TAS		133.8	1.39	m_e	mb 6.0
GRA1	85.01		P	19:47:35.482	-0.1	59.0		5.02		TAS		117.3	1.40	m_e	mb 5.9
GRA1	85.01		L	19:52:12.244						T_		1190.6	19.60	a_e	Ms 5.3
GRA2	84.95		P	19:47:34.917	-0.0	59.0		5.02		TAS		136.0	1.51	m_e	mb 6.0
GRA3	84.92		P	19:47:34.836	-0.1	59.0		5.02		TAS		177.2	1.36	m_e	mb 6.1
GRA4	84.95		P	19:47:34.866	0.1	59.0		5.02		TAS		85.3	1.36	m_e	mb 5.8
GRB1	84.92		P	19:47:34.738	0.5	59.0		5.02		TAS		70.7	1.16	m_e	mb 5.8
GRB2	84.97		P	19:47:34.696	0.1	59.0		5.02		TAS		45.6	1.06	m_e	mb 5.6
GRB3	84.86		P	19:47:34.570	0.1	59.0		5.02		TAS		71.3	1.26	m_e	mb 5.8
GRB5	85.05		P	19:47:35.226	-0.3	59.0		5.02		TAS		96.5	1.30	m_e	mb 5.9
GRC1	85.20		P	19:47:36.083	0.1	59.0		5.02		TAS		97.9	1.32	m_e	mb 5.9
GRC2	85.34		P	19:47:36.379	0.1	59.0		5.02		TAS		72.7	1.16	m_e	mb 5.8

GRC3	85.21	P	19:47:35.973	0.3	59.0	5.02	TAS	85.4	1.24	m_e	mb	5.8
GRC4	85.15	P	19:47:35.787	0.2	59.0	5.02	TAS	96.9	1.30	m_e	mb	5.9
GTTG	84.72	P	19:47:33.917	0.2	59.0	5.02	TAS	91.1	1.40	m_e	mb	5.8
IBBN	85.46	P	19:47:37.457	-0.7	59.0	5.02	TAS	114.1	1.30	m_e	mb	5.8
KAST	85.72	P	19:47:38.673	-0.3	59.0	5.02	TAS	76.8	1.55	m_e	mb	5.6
MOX	84.30	P	19:47:31.442	0.3	59.0	5.02	TAS	64.8	1.36	m_e	mb	5.7
MOX	84.30	L	19:52:29.567				T__	1095.4	21.60	a_e	Ms	5.2
NEUB	83.93	P	19:47:29.510	-0.3	59.0	5.02	TAS	108.8	1.34	m_e	mb	5.9
PLN	84.08	P	19:47:30.069	0.4	59.0	5.02	TAS	22.5	1.35	m_e	mb	5.2
RETH	84.40	P	19:47:32.038	0.1	59.0	5.02	TAS	137.3	1.75	m_e	mb	5.9
TANN	83.95	P	19:47:29.569	0.1	59.0	5.02	TAS	75.8	1.52	m_e	mb	5.7
TNS	86.24	P	19:47:40.549		59.0	5.02	TAS	68.6	1.53	m_e	mb	5.5
UBR	86.69	P	19:47:43.187		59.0	5.02	TAS	75.8	1.38	m_e	mb	5.6
WLF	87.78	P	19:47:49.076		59.0	5.02	TAS	135.9	1.28	m_e	mb	6.1

Event 20322014 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/22	20:29:57.98			23.1920	122.1900				33.0					84.15	85.14	m i ke	BGR
20322020																	

Magnitude Err Nsta Author OrigID
mb 5.3 BGR 20322020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	84.15		P	20:42:25.034		64.0		4.61		TAS				m_e	
GRA1	85.14		P	20:42:30.362		64.0		4.61		TAS		19.1	1.00	m_e	mb 5.3

Event 20323002 Dominican Republic region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/23	19:40:56.85			18.5750	-70.7640				33.0					70.92	71.28	m i ke	BGR
20323008																	

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 20323008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	70.92		P	19:52:12.990		0.0		0.00		TAS				m_e	
GRB5	71.28		P	19:52:12.872		0.0		0.00		TAS		18.2	1.52	m_e	mb 5.0

Event 20323004 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/23	21:56:33.11			-15.0600	167.8500				33.0				14	139.45	142.72	m i ke	BGR
OrigID 20323010																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.4		BGR	20323010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	141.27		PKPbc	22:16:12.068	0.7					T__		26.9	1.34	m_e	
BFO	142.72		PKPbc	22:16:15.651	1.1					T__		40.9	1.04	m_e	
FUR	141.70		PKPbc	22:16:13.258	0.0					T__		217.7	1.61	m_e	
GRA1	140.51		L	22:19:46.803						T__		806.7	18.70	a_e Ms	5.5
GRA3	140.41		PKPbc	22:16:07.934						T__		38.9	1.49	m_e	
GRB1	140.58		PKPbc	22:16:08.472						T__		26.1	1.40	m_e	
GRB5	140.79		PKPbc	22:16:09.425						T__		15.1	0.54	m_e	
GRC2	141.10		PKPbc	22:16:08.542						T__		45.4	1.30	m_e	
GRC3	141.00		PKPbc	22:16:09.639						T__		121.6	1.83	m_e	
GTTG	139.45		PKPbc	22:16:05.272	-0.2					T__		12.0	0.80	m_e	
IBBN	139.53		PKPbc	22:16:05.561						T__		26.8	0.77	m_e	
MOX	139.59		PKPbc	22:16:05.175						T__		9.8	1.38	m_e	
MOX	139.59		L	22:17:30.152						T__		621.0	20.90	a_e Ms	5.4
STU	142.03		PKPbc	22:16:14.173						T__		43.3	0.81	m_e	
TNS	141.09		PKPbc	22:16:09.881						T__		143.5	3.26	m_e	
WLF	142.33		PKPbc	22:16:14.550						T__		163.8	1.50	m_e	

Event 20324001 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/24	00:38:25.14			23.3730	122.4490				33.0					85.05	85.14	m i ke	BGR
OrigID 20324007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	20324007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	85.14		P	00:50:57.521		65.9		4.81		TAS				m_e	
GRA3	85.05		P	00:50:56.525		65.9		4.81		TAS		41.7	1.07	m_e mb	5.6

Event 20325002 Eastern New Guinea, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2022/03/25 01:56:51.20 -6.1800 146.9200 110.0 122.90 122.90 m i ke NEIC
 20325041

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	122.90		PKP	02:15:35.439		55.8		0.95		TAS				m_e	
GRA1	122.90		pPKP	02:16:03.255						T__				m_e	

Event 20325004 Eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/25	03:08:18.23			37.6200	140.8870				33.0				26	77.66	84.49	m i ke	BGR
OrigID																	
20325010																	

Magnitude Err Nsta Author OrigID
 mb 5.2 BGR 20325010
 Ms 4.7 BGR 20325010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.16		P	03:20:39.612	0.2	38.0		5.24		TAS		29.5	1.34	a_e	mb 5.3
ASSE	80.54		P	03:20:25.912	0.4	38.0		5.24		TAS		10.3	1.00	a_e	mb 4.8
BFO	84.49		P	03:20:46.412	0.3	38.0		5.24		TAS		40.4	1.12	a_e	mb 5.6
BSEG	79.25		P	03:20:19.112	0.4	38.0		5.24		TAS		32.1	1.09	a_e	mb 5.3
BUG	82.35		P	03:20:35.062	-0.3	38.0		5.24		TAS		17.8	1.17	a_e	mb 5.1
CLL	80.28		P	03:20:24.262	0.1	38.0		5.24		TAS		30.2	0.97	a_e	mb 5.2
CLZ	80.88		P	03:20:28.062	0.2	38.0		5.24		TAS		38.7	1.14	a_e	mb 5.3
FLT1	80.17		P	03:20:23.412	0.0	38.0		5.24		TAS		29.4	1.08	a_e	mb 5.1
FUR	83.44		P	03:20:41.362	-0.3	38.0		5.24		TAS		29.8	0.80	a_e	mb 5.6
GEC2	81.90		P	03:20:33.112	0.0	38.0		5.24		TAS		15.8	1.16	a_e	mb 5.0
GOR1	79.63		P	03:20:21.512	0.1	38.0		5.24		TAS		36.7	1.27	a_e	mb 5.2
GRA1	82.26		P	03:20:35.562	0.1	38.0		5.24		TAS		48.9	1.20	a_e	mb 5.5
GRA1	82.26		L	04:01:39.259						T__		344.4	20.40	a_e	Ms 4.7
GTTG	81.27		P	03:20:29.912	-0.3	38.0		5.24		TAS		26.4	0.99	a_e	mb 5.2
IBBN	81.47		P	03:20:30.662	-0.5	38.0		5.24		TAS		33.9	1.12	a_e	mb 5.4
KAST	82.13		P	03:20:34.262	-0.1	38.0		5.24		TAS		15.1	1.22	a_e	mb 5.0
MOX	81.35		P	03:20:30.262	0.0	38.0		5.24		TAS		19.7	1.25	a_e	mb 5.0
MOX	81.35		L	04:01:20.059						T__		369.9	20.20	a_e	Ms 4.7
NEUB	80.86		P	03:20:27.512	0.1	38.0		5.24		TAS		30.8	1.01	m_e	mb 5.3
PLN	81.26		P	03:20:29.912	-0.9	38.0		5.24		TAS		23.2	2.06	a_e	mb 4.8
RETH	80.55		P	03:20:26.012	-0.0	38.0		5.24		TAS		31.7	1.24	a_e	mb 5.2
RGN	77.66		P	03:20:10.662	-0.1	38.0		5.24		TAS		51.5	1.16	a_e	mb 5.5
RUE	79.08		P	03:20:18.212	-0.1	38.0		5.24		TAS		32.7	1.12	a_e	mb 5.3
STU	83.79		P	03:20:42.962	-0.2	38.0		5.24		TAS		60.7	0.96	a_e	mb 5.8
TANN	81.19		P	03:20:28.462	0.0	38.0		5.24		TAS		13.3	1.24	a_e	mb 4.8

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TNS	82.91	P	03:20:38.312	-0.0	38.0	5.24	TAS	9.6	0.92	a_e	mb	5.0
UBR	84.30	P	03:20:45.312		38.0	5.24	TAS	13.7	1.28	a_e	mb	5.0
WLF	84.22	P	03:20:45.117	0.7	38.0	5.24	TAS	43.0	1.58	m_e	mb	5.4

Event 20325008 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/25	08:54:35.10			-33.8800	-178.5500				10.0					161.60	162.57	m i ke	NEIC
OrigID 20325047																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	20325014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	162.57		PKP	09:15:25.356		28.2		4.05		TAS				m_e		
GRA1	162.57		L	10:32:48.629						T__		445.5	20.60	a_e	Ms	5.3
MOX	161.60		L	10:33:45.201						T__		492.9	19.80	a_e	Ms	5.4

Event 20325010 Qinghai, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/25	16:21:11.88			38.8200	96.6400				33.0				25	55.87	61.90	m i ke	BGR
OrigID 20325016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	20325016
Ms	6.0		BGR	20325016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	60.97		S	16:39:48.923		65.3		13.33		TAS				m_e		
AHRW	60.97		P	16:31:22.362		66.1		6.94		TAS		67.0	1.00	a_e	mb	5.4
ASSE	58.25		S	16:39:10.199		65.3		13.33		TAS				m_e		
ASSE	58.25		P	16:31:03.162		66.1		6.94		TAS		30.8	1.01	a_e	mb	5.3
BFO	61.24		S	16:39:48.199		65.3		13.33		TAS				m_e		
BFO	61.24		P	16:31:23.762		66.1		6.94		TAS		56.5	1.11	a_e	mb	5.7
BSEG	57.73		P	16:31:00.312	0.2	66.1		6.94		TAS		100.0	0.97	a_e	mb	5.8
BUG	60.46		S	16:39:41.394		65.3		13.33		TAS				m_e		
BUG	60.46		P	16:31:18.812		66.1		6.94		TAS		85.9	1.14	a_e	mb	5.5
CLL	57.25		P	16:30:56.062	-0.4	66.1		6.94		TAS		79.0	0.96	a_e	mb	5.7
CLZ	58.54		P	16:31:05.762		66.1		6.94		TAS		118.8	0.98	a_e	mb	5.9
FLT1	57.85		P	16:31:00.062	-0.1	66.1		6.94		TAS		72.0	0.99	a_e	mb	5.7
FUR	59.56		S	16:39:31.403		65.3		13.33		TAS				m_e		
FUR	59.56		P	16:31:13.162		66.1		6.94		TAS		166.8	1.02	a_e	mb	6.0

GEC2	57.81	P	16:31:00.612	0.8	66.1	6.94	TAS	44.4	1.08	a_e	mb	5.4
GOR1	57.55	P	16:30:59.162	0.4	66.1	6.94	TAS	122.7	1.18	a_e	mb	5.8
GRA1	58.94	S	16:39:23.150		65.3	13.33	TAS			m_e		
GRA1	58.94	P	16:31:08.812		66.1	6.94	TAS	147.3	1.14	a_e	mb	5.9
GRA1	58.94	L	16:57:59.035				T__	13771.7	19.90	a_e	Ms	6.1
GTTG	58.89	P	16:31:08.262		66.1	6.94	TAS	124.3	0.95	a_e	mb	5.9
HLG	58.94	P	16:31:08.562		66.1	6.94	TAS	109.4	0.93	a_e	mb	5.9
IBBN	59.81	P	16:31:14.162		66.1	6.94	TAS	70.7	0.95	a_e	mb	5.7
KAST	59.91	S	16:39:34.154		65.3	13.33	TAS			m_e		
KAST	59.91	P	16:31:15.012		66.1	6.94	TAS	26.7	0.96	a_e	mb	5.2
MOX	58.31	S	16:39:12.371		65.3	13.33	TAS			m_e		
MOX	58.31	P	16:31:04.012		66.1	6.94	TAS	39.1	1.07	a_e	mb	5.4
MOX	58.31	L	16:57:18.312				T__	9051.5	18.70	a_e	Ms	5.9
NEUB	58.00	S	16:39:07.738		65.3	13.33	TAS			m_e		
NEUB	58.00	P	16:31:01.562	0.1	66.1	6.94	TAS	103.2	1.06	a_e	mb	5.8
PLN	58.06	S	16:39:08.172		65.3	13.33	TAS			m_e		
PLN	58.06	P	16:31:02.212		66.1	6.94	TAS	16.5	0.97	a_e	mb	5.0
RETH	58.74	P	16:31:07.162	0.2	66.1	6.94	TAS	47.6	1.03	a_e	mb	5.5
RGN	55.87	P	16:30:47.112	0.3	66.1	6.94	TAS	147.9	1.05	a_e	mb	6.0
RUE	56.36	P	16:30:50.062	0.6	66.1	6.94	TAS	124.1	1.02	a_e	mb	5.9
STU	60.53	S	16:39:43.276		65.3	13.33	TAS			m_e		
STU	60.53	P	16:31:19.112		66.1	6.94	TAS	126.8	0.94	a_e	mb	5.7
TANN	57.91	P	16:31:01.262	-0.2	66.1	6.94	TAS	52.8	1.05	m_e	mb	5.5
TNS	60.32	S	16:39:40.091		65.3	13.33	TAS			m_e		
TNS	60.32	P	16:31:17.962		66.1	6.94	TAS	39.5	1.14	a_e	mb	5.1
UBR	60.47	S	16:39:40.236		65.3	13.33	TAS			m_e		
UBR	60.47	P	16:31:18.862		66.1	6.94	TAS	108.2	1.21	a_e	mb	5.5
WLF	61.90	P	16:31:29.062		66.1	6.94	TAS	116.8	1.01	a_e	mb	6.1

Event 20325011 Qinghai, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/25	16:28:50.60		38.9600	96.6300				33.0				25		56.26	61.80	m i ke	BGR
20325017																	

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 20325017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	60.87		P	16:39:00.617	0.0	65.8		6.93		TAS		23.4	1.11	a_e	mb	4.9
ASSE	58.15		P	16:38:41.417	0.2	65.8		6.93		TAS		7.8	0.99	a_e	mb	4.7
BFO	61.15		P	16:39:01.967	0.1	65.8		6.93		TAS		18.1	0.93	a_e	mb	4.9
BSEG	57.63		P	16:38:38.517	0.4	65.8		6.93		TAS		25.7	0.79	a_e	mb	5.3
BUG	60.35		P	16:38:57.067	-0.1	65.8		6.93		TAS		27.6	1.02	a_e	mb	5.2
CLL	57.15		P	16:38:34.317	-0.3	65.8		6.93		TAS		18.0	0.76	a_e	mb	5.2
CLZ	58.43		P	16:38:43.967	0.0	65.8		6.93		TAS		37.0	0.77	a_e	mb	5.5

FLT1	57.75	P	16:38:38.267	0.2	65.8	6.93	TAS	17.9	0.71	a_e	mb	5.2
FUR	59.46	P	16:38:51.367		65.8	6.93	TAS	55.7	1.05	a_e	mb	5.5
GEC2	57.71	P	16:38:38.917	-0.6	65.8	6.93	TAS	15.8	1.05	a_e	mb	5.0
GOR1	57.45	P	16:38:37.417	-0.4	65.8	6.93	TAS	19.1	0.90	a_e	mb	5.1
GRA1	58.84	P	16:38:47.067	-0.3	65.8	6.93	TAS	33.0	0.77	m_e	mb	5.4
GTTG	58.79	P	16:38:46.517	-0.6	65.8	6.93	TAS	32.3	0.76	a_e	mb	5.4
IBBN	59.70	P	16:38:52.417	-0.4	65.8	6.93	TAS	18.7	0.73	a_e	mb	5.2
KAST	59.81	P	16:38:53.217	-0.0	65.8	6.93	TAS	8.0	0.85	a_e	mb	4.8
MOX	58.21	P	16:38:42.267	-0.1	65.8	6.93	TAS	10.4	0.96	a_e	mb	4.8
NEUB	57.90	P	16:38:39.817	-0.1	65.8	6.93	TAS	34.7	1.11	a_e	mb	5.3
PLN	57.96	P	16:38:40.467	-0.1	65.8	6.93	TAS	3.5	0.86	a_e	mb	4.4
RETH	58.63	P	16:38:45.417	-0.1	65.8	6.93	TAS	21.0	1.46	a_e	mb	5.0
RUE	56.26	P	16:38:28.317	-0.8	65.8	6.93	TAS	28.6	0.63	a_e	mb	5.5
STU	60.44	P	16:38:57.367	0.7	65.8	6.93	TAS	52.2	0.97	a_e	mb	5.5
TANN	57.81	P	16:38:39.517	0.1	65.8	6.93	TAS	16.6	0.95	a_e	mb	5.0
TNS	60.22	P	16:38:56.167	0.5	65.8	6.93	TAS	11.7	1.19	a_e	mb	4.8
UBR	60.38	P	16:38:57.117		65.8	6.93	TAS	40.8	1.07	a_e	mb	5.4
WLF	61.80	P	16:39:07.317	0.4	65.8	6.93	TAS	49.5	1.14	a_e	mb	5.6

Event 20325012 Gansu, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/25	17:05:23.35			39.5390	97.1790				33.0					58.78	58.78	m i ke	BGR
OrigID 20325018																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	20325018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	58.78		P	17:15:17.550		68.1		6.11		TAS		4.8	0.99	m_e	mb	4.5

Event 20325013 Qinghai, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/25	18:50:16.50			38.4310	96.1260				33.0				23	56.33	61.87	m i ke	BGR
OrigID 20325019																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	20325019
Ms	4.8		BGR	20325019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	60.94		P	19:00:25.159		65.9		6.96		TAS		21.3	1.21	m_e	mb	4.8

BFO	61.19	P	19:00:26.310		65.9	6.96	TAS	16.2	1.01	a_e	mb	4.8
BSEG	57.73	P	19:00:02.910	0.1	65.9	6.96	TAS	16.6	0.95	a_e	mb	5.0
BUG	60.44	P	19:00:21.460	0.1	65.9	6.96	TAS	18.8	1.02	a_e	mb	5.1
CLL	57.21	P	18:59:58.710	0.0	65.9	6.96	TAS	14.6	0.90	a_e	mb	5.0
CLZ	58.51	P	19:00:08.360	0.5	65.9	6.96	TAS	24.0	0.81	a_e	mb	5.3
FLT1	57.83	P	19:00:02.660	-0.2	65.9	6.96	TAS	14.2	0.72	a_e	mb	5.1
FUR	59.49	P	19:00:15.760	0.1	65.9	6.96	TAS	29.7	0.88	a_e	mb	5.3
GEC2	57.74	P	19:00:02.877	-0.7	65.9	6.96	TAS	15.7	1.24	m_e	mb	4.9
GRA1	58.89	P	19:00:11.460	-0.2	65.9	6.96	TAS	22.6	0.90	a_e	mb	5.2
GRA1	58.89	L	19:26:59.782				T__	987.3	20.30	a_e	Ms	4.9
GTTG	58.87	P	19:00:10.910	-0.1	65.9	6.96	TAS	26.7	0.91	a_e	mb	5.3
IBBN	59.79	P	19:00:16.760	-0.0	65.9	6.96	TAS	14.8	0.88	a_e	mb	5.0
KAST	59.89	P	19:00:17.560	-0.3	65.9	6.96	TAS	5.5	0.90	a_e	mb	4.6
MOX	58.27	P	19:00:06.610	0.3	65.9	6.96	TAS	11.7	1.22	a_e	mb	4.8
MOX	58.27	L	19:26:19.058				T__	589.8	18.80	a_e	Ms	4.7
NEUB	57.97	P	19:00:04.210	0.0	65.9	6.96	TAS	27.0	1.11	a_e	mb	5.2
PLN	58.02	P	19:00:04.860	0.2	65.9	6.96	TAS	3.5	0.97	a_e	mb	4.4
RETH	58.72	P	19:00:09.693	0.7	65.9	6.96	TAS	11.8	1.17	m_e	mb	4.8
RUE	56.33	P	18:59:52.660	-0.5	65.9	6.96	TAS	24.7	0.67	a_e	mb	5.4
STU	60.48	P	19:00:21.760		65.9	6.96	TAS	32.8	0.51	a_e	mb	5.4
TANN	57.87	P	19:00:03.860	0.0	65.9	6.96	TAS	11.0	0.97	m_e	mb	4.8
TNS	60.29	P	19:00:20.510	0.1	65.9	6.96	TAS	8.9	1.10	a_e	mb	4.7
UBR	60.41	P	19:00:21.510	-0.7	65.9	6.96	TAS	25.3	1.09	a_e	mb	5.2
WLF	61.87	P	19:00:31.710		65.9	6.96	TAS	31.7	1.16	a_e	mb	5.4

Event 20325014 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/25	21:40:00.90			-5.8200	151.3800				35.0					124.91	124.91	m i ke	NEIC
20325053																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	124.91		PKP	21:58:56.999		51.0		0.92		TAS					m_e

Event 20326001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/26	08:08:25.00			-20.7480	-178.8460				595.9					149.95	149.95	m i ke	IRIS
20326038																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	149.95		PKPdf	08:27:09.242		19.1		1.67		TAS				m_e	
GRA1	149.95		PKPab	08:27:18.127		27.3		3.90		TAS				m_e	

Event 20326002 Philippine Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/26	13:53:21.00			20.8220	122.0980				10.0					86.96	86.96	m i ke	IRIS
OrigID 20326039																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	20326008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	86.96		P	14:06:13.663		61.1		4.82		TAS		4.9	0.88	m_e mb	4.7

Event 20326003 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/26	15:38:47.86			25.9440	128.2660				33.0					85.44	86.21	m i ke	BGR
OrigID 20326009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	20326009
Ms	5.8		BGR	20326009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	86.21		P	15:51:25.486		61.2		4.83		TAS		15.0	1.47	m_e mb	4.9
GRA1	86.21		L	16:32:00.284						T__		3204.6	20.70	a_e Ms	5.7
MOX	85.44		L	16:31:47.835						T__		4572.5	20.00	a_e Ms	5.9

Event 20326004 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/26	23:15:36.67			42.5300	142.4200				84.1	2.4			26	73.89	80.78	m i ke	BGR
OrigID 20326010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	20326010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.34		P	23:27:33.736	0.0	34.5		5.56		TAS		23.7	1.15	a_e mb	5.1
AHRW	79.34		pP	23:27:56.409		35.8		5.66		T__				m_e	
ASSE	76.78		P	23:27:19.586	0.3	34.5		5.56		TAS		16.4	1.05	a_e mb	5.1
BFO	80.78		P	23:27:41.436	0.2	34.5		5.56		TAS		23.6	1.34	a_e mb	5.0
BSEG	75.41		P	23:27:11.986	0.4	34.5		5.56		TAS		24.3	0.81	a_e mb	5.3
BUG	78.51		P	23:27:28.886	-0.3	34.5		5.56		TAS		22.6	0.79	a_e mb	5.4
CLL	76.62		P	23:27:18.436	0.0	34.5		5.56		TAS		31.8	0.82	a_e mb	5.5
CLZ	77.12		P	23:27:21.836	0.1	34.5		5.56		TAS		32.3	0.89	a_e mb	5.5
FLT1	76.42		P	23:27:17.086	0.0	34.5		5.56		TAS		37.7	0.75	a_e mb	5.6
FUR	79.84		P	23:27:36.836		34.5		5.56		TAS		38.2	0.86	a_e mb	5.5
FUR	79.84		pP	23:27:58.817		35.8		5.66		T__				m_e	
GEC2	78.35		P	23:27:28.436	-0.2	34.5		5.56		TAS		7.8	0.70	a_e mb	5.0
GOR1	75.85		P	23:27:14.836	0.1	34.5		5.56		TAS		14.5	0.83	a_e mb	5.0
GOR1	75.85		pP	23:27:36.567		35.8		5.66		T__				m_e	
GRA1	78.60		P	23:27:30.236	0.1	34.5		5.56		TAS		36.2	0.81	m_e mb	5.5
GTTG	77.51		P	23:27:23.786	-0.3	34.5		5.56		TAS		25.9	0.90	a_e mb	5.4
IBBN	77.62		P	23:27:24.086	-0.5	34.5		5.56		TAS		25.8	0.67	a_e mb	5.5
KAST	78.33		P	23:27:28.186	-0.1	34.5		5.56		TAS		11.7	0.84	a_e mb	5.0
KAST	78.33		pP	23:27:50.298		35.8		5.66		T__				m_e	
MOX	77.67		P	23:27:24.536	-0.1	34.5		5.56		TAS		9.3	0.66	a_e mb	5.0
NEUB	77.16		P	23:27:21.586	0.0	34.5		5.56		TAS		38.4	0.85	a_e mb	5.5
NEUB	77.16		pP	23:27:43.478		35.8		5.66		T__				m_e	
PLN	77.60		P	23:27:24.186	-0.3	34.5		5.56		TAS		2.9	0.77	a_e mb	4.5
RETH	76.72		P	23:27:19.336	0.0	34.5		5.56		TAS		13.5	0.74	a_e mb	5.2
RETH	76.72		pP	23:27:41.355		35.8		5.66		T__				m_e	
RGN	73.89		P	23:27:03.386	-0.1	34.5		5.56		TAS		52.0	0.74	a_e mb	5.8
RUE	75.39		P	23:27:11.886	-0.1	34.5		5.56		TAS		30.8	0.89	a_e mb	5.3
STU	80.10		P	23:27:37.836	-0.4	34.5		5.56		TAS		53.4	0.73	a_e mb	5.6
STU	80.10		pP	23:28:00.195		35.8		5.66		T__				m_e	
TANN	77.55		P	23:27:23.553	-0.1	34.5		5.56		TAS		4.6	0.86	m_e mb	4.6
TANN	77.55		pP	23:27:45.647		35.8		5.66		T__				m_e	
TNS	79.14		P	23:27:32.636	0.5	34.5		5.56		TAS		17.5	1.16	a_e mb	5.0
TNS	79.14		pP	23:27:54.844		35.8		5.66		T__				m_e	
UBR	80.68		P	23:27:40.781		34.5		5.56		TAS		22.9	2.00	m_e mb	4.8
WLF	80.40		P	23:27:40.186	0.5	34.5		5.56		TAS		6.7	0.95	a_e mb	4.5

Event 20327001 Mid-Indian Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/27	00:50:44.00			-13.8090	66.1710				10.2					79.56	79.56	m i ke	IRIS
20327038																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	20327007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.56		P	01:02:51.466		126.0		6.45		TAS		32.4	1.53	m_e mb	5.0

Event 20327003 Near west coast of Colombia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/27	04:28:24.34			2.4000	-77.7100				33.0			28		84.22	89.21	m i ke	BGR
OrigID 20327009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	20327009
Ms	5.3		BGR	20327009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.85		S	04:51:36.337	-3.7	273.5		5.70		TAS				m_e	
AHRW	84.85		P	04:40:56.721	0.1	270.0		4.80		TAS		253.1	1.19	m_e mb	6.3
ASSE	87.13		S	04:51:41.022		273.5		5.70		TAS				m_e	
ASSE	87.13		P	04:41:07.869	0.4	270.0		4.80		TAS		154.4	1.77	a_e mb	5.8
BFO	85.60		P	04:40:59.615	-0.5	270.0		4.80		TAS		64.1	1.21	m_e mb	5.6
BRG	89.21		S	04:52:04.496		273.5		5.70		TAS				m_e	
BSEG	86.91		P	04:41:06.369	-0.1	270.0		4.80		TAS		98.5	1.50	a_e mb	5.7
BUG	85.01		P	04:40:57.410	0.1	270.0		4.80		TAS		246.5	1.32	m_e mb	6.3
CLL	88.60		S	04:51:56.553		273.5		5.70		TAS				m_e	
CLL	88.60		P	04:41:14.419	-0.1	270.0		4.80		TAS		117.7	2.14	m_e mb	5.7
CLZ	86.95		P	04:41:06.869	0.2	270.0		4.80		TAS		96.0	1.56	a_e mb	5.7
FLT1	87.48		P	04:41:08.769	-0.4	270.0		4.80		TAS		113.5	1.74	a_e mb	5.7
FUR	87.57		P	04:41:09.669	0.2	270.0		4.80		TAS		176.7	1.44	a_e mb	6.2
GEC2	89.16		S	04:52:03.471		273.5		5.70		TAS				m_e	
GEC2	89.16		P	04:41:17.119	0.0	270.0		4.80		TAS		53.6	1.40	a_e mb	5.6
GOR1	87.51		P	04:41:09.269	-0.1	270.0		4.80		TAS		113.2	1.65	a_e mb	5.9
GRA1	87.51		P	04:41:09.469	0.2	270.0		4.80		TAS		122.1	1.48	a_e mb	5.8
GRA1	87.51		PP	04:44:37.376						T__				m_e	
GRA1	87.51		L	05:19:13.418						T__		1446.9	21.20	a_e Ms	5.4
GTTG	86.70		P	04:41:05.269	-0.1	270.0		4.80		TAS		91.4	1.57	a_e mb	5.7
HLG	85.49		S	04:51:40.057		273.5		5.70		TAS				m_e	
HLG	85.49		P	04:41:00.007	0.3	270.0		4.80		TAS		584.4	1.39	m_e mb	6.6
IBBN	85.35		P	04:40:58.719	-0.2	270.0		4.80		TAS		237.5	1.39	a_e mb	6.2
KAST	85.72		P	04:41:00.469	-0.3	270.0		4.80		TAS		86.7	1.30	a_e mb	5.7
MOX	87.74		S	04:51:46.199		273.5		5.70		TAS				m_e	
MOX	87.74		P	04:41:10.519	0.1	270.0		4.80		TAS		140.8	2.11	a_e mb	5.9
MOX	87.74		L	05:18:42.620						T__		988.0	21.30	a_e Ms	5.2
NEUB	87.83		S	04:51:46.469		273.5		5.70		TAS				m_e	
NEUB	87.83		P	04:41:10.919	0.1	270.0		4.80		TAS		142.9	1.83	a_e mb	6.0
PLN	88.09		S	04:51:48.688		273.5		5.70		TAS				m_e	
PLN	88.09		P	04:41:12.169	0.1	270.0		4.80		TAS		34.8	1.73	a_e mb	5.4

RETH	86.33	P	04:41:03.919	0.2	270.0	4.80	TAS	172.0	1.47	a_e	mb	6.0
RGN	88.66	P	04:41:14.719	-0.1	270.0	4.80	TAS	72.2	0.97	a_e	mb	5.9
RUE	89.03	P	04:41:16.169	-0.4	270.0	4.80	TAS	20.2	0.84	a_e	mb	5.4
STU	86.18	P	04:41:02.319	-0.6	270.0	4.80	TAS	342.7	1.20	a_e	mb	6.4
TANN	88.29	S	04:51:48.934		273.5	5.70	TAS				m_e	
TANN	88.29	P	04:41:13.269	0.3	270.0	4.80	TAS	92.9	1.60	a_e	mb	5.9
TNS	85.72	P	04:41:00.569	-0.1	270.0	4.80	TAS	154.7	1.35	a_e	mb	6.0
UBR	86.79	P	04:41:06.019	0.3	270.0	4.80	TAS	207.7	1.40	a_e	mb	6.1
WLF	84.22	P	04:40:53.833	0.3	270.0	4.80	TAS	356.7	1.12	m_e	mb	6.5

Event 20327004 Near coast of Ecuador

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/27	05:53:03.00			0.8400	-79.6440				10.5					89.94	89.94	m i ke	IRIS
OrigID 20327041																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	20327010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	89.94		P	06:06:02.823		271.2		5.77		TAS		15.1	1.37	m_e	mb	5.0

Event 20327005 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/27	11:12:06.52			36.7580	140.9400				33.0					83.02	83.02	m i ke	BGR
OrigID 20327011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	20327011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	83.02		P	11:24:27.857		41.1		4.43		TAS		5.5	1.11	m_e	mb	4.7

Event 20327006 North of Ascension Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/27	12:19:48.15			-2.8600	-10.7180				33.0					55.69	55.69	m i ke	BGR
OrigID 20327012																	

Magnitude Err Nsta Author OrigID
mb 4.6 BGR 20327012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	55.69		P	12:29:27.327		209.1		7.71		TAS		7.9	1.37	m_e	mb 4.6

Event 20327007 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/27	13:54:09.19			38.1300	141.6730				33.0					82.13	82.13	m i ke	BGR

OrigID
20327013

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 20327013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.13		P	14:06:25.828		39.9		4.50		TAS		7.3	0.88	m_e	mb 4.8

Event 20327008 Colombia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/27	20:17:19.54			1.8900	-77.2600				33.0				17	84.31	89.24	m i ke	BGR

OrigID
20327014

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 20327014
Ms 4.7 BGR 20327014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.96		P	20:29:51.671	0.2	269.9		4.84		TAS		28.7	0.87	m_e	mb 5.5
BFO	85.68		P	20:29:54.332	-0.0	269.9		4.84		TAS		15.4	1.32	m_e	mb 5.1
BUG	85.13		P	20:29:52.100	-0.2	269.9		4.84		TAS		30.2	1.22	m_e	mb 5.4
CLL	88.71		P	20:30:09.440		269.9		4.84		TAS		44.6	2.27	m_e	mb 5.4
CLZ	87.07		P	20:30:02.229	0.1	269.9		4.84		TAS		13.9	1.31	m_e	mb 4.9
FLT1	87.60		P	20:30:04.204	-0.3	269.9		4.84		TAS		6.3	0.87	m_e	mb 4.8
GEC2	89.24		P	20:30:11.500		269.9		4.84		TAS		16.1	1.57	m_e	mb 5.0
GRA1	87.60		L	21:08:07.310						T__		361.6	20.70	a_e	Ms 4.8
IBBN	85.47		P	20:29:53.559	-0.4	269.9		4.84		TAS		15.2	0.83	m_e	mb 5.3
KAST	85.83		P	20:29:55.705	0.2	269.9		4.84		TAS		9.4	1.03	m_e	mb 5.0
MOX	87.85		L	21:06:03.708						T__		218.5	21.50	a_e	Ms 4.5
NEUB	87.94		P	20:30:06.521		269.9		4.84		TAS		22.4	1.36	m_e	mb 5.1
PLN	88.20		P	20:30:07.294		269.9		4.84		TAS		39.6	2.89	m_e	mb 5.2
RETH	86.46		P	20:29:58.538	0.2	269.9		4.84		TAS		10.7	1.04	m_e	mb 4.9

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STU	86.26	P	20:29:57.937	-0.3	269.9	4.84	TAS	55.5	1.05	m_e	mb	5.6
TANN	88.39	P	20:30:08.668		269.9	4.84	TAS	11.4	1.28	m_e	mb	5.0
TNS	85.82	P	20:29:55.620	-0.0	269.9	4.84	TAS	11.6	1.01	m_e	mb	5.1
UBR	86.86	P	20:30:00.856	-0.1	269.9	4.84	TAS	15.6	1.18	m_e	mb	5.0
WLF	84.31	P	20:29:48.666	0.3	269.9	4.84	TAS	49.8	0.84	m_e	mb	5.8

Event 20328004 Andaman Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/28	21:22:33.00			14.6300	93.0140				10.0					73.70	73.70	m i ke	USGS
OrigID 20328022																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	20328010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	73.70		P	21:34:07.517		86.5		4.77		TAS		7.0	0.82	m_e	mb	4.7

Event 20328005 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/28	22:21:10.00			-30.1080	-177.7960				44.5					158.23	159.21	m i ke	USGS
OrigID 20328023																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	20328011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
GRA1	159.21		PKP	22:41:41.032		22.6		3.86		TAS							
GRA1	159.21		L	23:47:51.972						T__		146.3	20.90	a_e	Ms	4.8	
MOX	158.23		L	23:53:35.672						T__		204.8	20.40	a_e	Ms	5.0	

Event 20329002 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/29	01:36:39.00			-18.7710	169.1160				210.5					144.37	144.37	m i ke	USGS
OrigID 20329020																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	144.37		PKP	01:55:48.356		37.8		3.15		TAS					m_e

Event 20329001 Sicily, Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/29	01:48:18.00			38.9470	13.9920				398.9					10.92	10.92	m i ke	USGS
OrigID 20329019																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	10.92		P	01:50:44.074		168.5		11.85		TAS		11.1	0.73	m_e	

Event 20329005 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/29	07:12:17.00			-22.1110	170.0690				10.0					146.86	147.76	m i ke	USGS
OrigID 20329023																	

Magnitude Err Nsta Author OrigID

Ms 4.8 BGR 20329011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	147.76		PKP	07:32:00.673		38.9		2.75		TAS					m_e
GRA1	147.76		L	08:37:29.519						T__		191.4	21.70	a_e Ms	4.8
MOX	146.86		L	08:37:22.617						T__		167.1	21.00	a_e Ms	4.8

Event 20329006 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/29	15:18:14.57			40.1790	144.2870				33.0					81.33	81.33	m i ke	BGR
OrigID 20329012																	

Magnitude Err Nsta Author OrigID

mb 4.5 BGR 20329012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.33		P	15:30:26.987		35.8		4.43		TAS		4.3	0.78	m_e mb	4.5

Event 20329007 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/29	16:27:14.00			14.1090	119.3440				10.0					90.65	90.65	m i ke	USGS

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	20329013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	90.65		P	16:40:16.953		67.2		4.09		TAS		13.5	1.03	m_e mb	5.2
GRA1	90.65		pP	16:40:27.632						T__				m_e	

Event 20329008 Northeast of Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/29	17:36:51.01			26.2330	124.4680				33.0					83.97	83.97	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	20329014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	83.97		P	17:49:17.416		61.5		4.84		TAS		14.1	1.16	m_e mb	5.1
GRA1	83.97		PP	17:52:30.406		54.9		7.24		TAS				m_e	

Event 20329009 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/29	18:15:20.00			-21.7090	-179.4090				605.6					150.76	150.76	m i ke	USGS

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	150.76		PKP	18:34:16.285		20.6		3.97		TAS				m_e	

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Event 20329010 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/29	18:55:37.00			15.0250	119.8030				47.4					90.20	90.20	m i ke	USGS
OrigID 20329028																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	20329016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	90.20		P	19:08:33.110		66.3		4.09		TAS		7.5	0.93	m_e mb	4.9

Event 20330001 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/29	23:52:12.00			-17.5250	-172.9870				10.0					147.64	147.64	m i ke	USGS
OrigID 20330019																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	147.64		PKP	00:11:58.520		7.5		3.46		TAS				m_e	

Event 20330002 Tajikistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/30	02:57:18.00			39.2630	71.4720				10.0					43.13	43.13	m i ke	USGS
OrigID 20330020																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	20330008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	43.13		P	03:05:19.902		80.2		6.93		TAS		5.7	0.78	m_e mb	4.4

Event 20330005 Guatemala

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/30	16:01:02.00			14.0210	-91.6960				55.9					87.56	87.56	m i ke	USGS
OrigID 20330023																	

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 20330011

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 87.56 P 16:13:43.337 288.8 5.68 TAS 6.1 0.91 m_e mb 4.9

Event 20330006 Sicily, Italy

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2022/03/30 18:01:35.00 38.5800 14.7000 245.0 11.38 11.38 m i ke EMSC
 20330038

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 11.38 P 18:04:10.562 166.1 12.52 TAS m_e

Event 20330007 Tonga Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2022/03/30 18:51:55.3 -20.7900 -175.8400 94.0 150.53 150.53 m i ke NEIC
 20330032

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 150.53 PKP 19:11:37.440 13.0 1.56 TAS m_e

Event 20330008 Southeast of Loyalty Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2022/03/30 20:56:58.00 -22.7160 170.2860 10.0 27 143.77 150.62 m i ke USGS
 20330026

Magnitude Err Nsta Author OrigID
 Ms 6.7 BGR 20330014

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 AHRW 149.22 PKPbc 21:16:45.691 0.1 39.1 2.74 TAS a_e

ASSE	146.66	PKPbc	21:16:38.741	0.2	39.1	2.74	TAS	a_e
BFO	150.62	PKPbc	21:16:48.941	-0.6	39.1	2.74	TAS	a_e
BSEG	145.29	PKPbc	21:16:34.291	-0.5	39.1	2.74	TAS	a_e
BUG	148.39	PKPbc	21:16:43.491	0.1	39.1	2.74	TAS	a_e
CLL	146.42	PKPbc	21:16:37.941	-0.2	39.1	2.74	TAS	a_e
CLZ	147.00	PKPbc	21:16:40.141	0.6	39.1	2.74	TAS	a_e
FLT1	146.29	PKPbc	21:16:37.191	-0.4	39.1	2.74	TAS	a_e
FUR	149.55	PKPbc	21:16:46.291	-0.6	39.1	2.74	TAS	a_e
GEC2	147.97	PKPbc	21:16:42.991	0.2	39.1	2.74	TAS	a_e
GOR1	145.73	PKPbc	21:16:35.641	-0.4	39.1	2.74	TAS	a_e
GRA1	148.39	PKPbc	21:16:43.941	0.4	39.1	2.74	TAS	a_e
GRA1	148.39	L	22:26:08.939				T__	13427.4 20.50 a_e Ms 6.7
GTTG	147.39	PKPbc	21:16:41.191	0.6	39.1	2.74	TAS	a_e
HLG	145.83	PKPbc	21:16:35.841	-0.6	39.1	2.74	TAS	a_e
IBBN	147.49	PKPbc	21:16:41.091	0.2	39.1	2.74	TAS	a_e
KAST	148.21	PKPbc	21:16:43.491	0.7	39.1	2.74	TAS	a_e
MOX	147.49	PKPbc	21:16:41.541	0.5	39.1	2.74	TAS	a_e
MOX	147.49	L	22:25:27.716				T__	13807.4 21.40 a_e Ms 6.7
NEUB	147.00	PKPbc	21:16:39.791	0.2	39.1	2.74	TAS	a_e
PLN	147.40	PKPbc	21:16:41.341	0.5	39.1	2.74	TAS	a_e
RETH	146.61	PKPbc	21:16:38.191	-0.2	39.1	2.74	TAS	a_e
RGN	143.77	PKPbc	21:16:30.553	-0.1	39.1	2.74	TAS	m_e
RUE	145.22	PKPbc	21:16:34.191	-0.6	39.1	2.74	TAS	a_e
STU	149.93	PKPbc	21:16:47.391	-0.3	39.1	2.74	TAS	a_e
TANN	147.33	PKPbc	21:16:41.191	0.5	39.1	2.74	TAS	m_e
TNS	149.02	PKPbc	21:16:45.441	0.4	39.1	2.74	TAS	a_e
UBR	150.42	PKPbc	21:16:48.391	-0.8	39.1	2.74	TAS	a_e
WLF	150.28	PKPbc	21:16:48.591	0.1	39.1	2.74	TAS	a_e

Event 20331001 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/30	23:54:32.00			-22.4780	170.2100				10.0					148.15	148.15	m i ke	USGS
20331019																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	148.15		PKP	00:14:16.733		39.0		3.59		TAS					m_e

Event 20331002 Southeast of Loyalty Islands

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

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2022/03/31 00:28:50.00 -22.5700 170.2050 10.0 148.23 148.23 m i ke USGS
20331020

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 148.23 PKP 00:48:34.802 39.1 3.21 TAS m_e

Event 20331006 Southeast of Loyalty Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2022/03/31 03:06:47.00 -22.3940 170.1650 10.0 147.15 148.06 m i ke USGS
20331024

Magnitude Err Nsta Author OrigID
Ms 5.5 BGR 20331012

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 148.06 PKP 03:26:31.067 39.0 3.39 TAS m_e
GRA1 148.06 L 04:33:20.967 T__ 830.5 21.20 a_e Ms 5.5
MOX 147.15 L 04:35:00.543 T__ 1031.0 20.80 a_e Ms 5.6

Event 20331007 Southeast of Loyalty Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2022/03/31 03:25:47.00 -22.1780 170.3950 10.0 147.96 147.96 m i ke USGS
20331025

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 147.96 PKP 03:45:36.294 38.5 3.42 TAS m_e

Event 20331008 Western Iran

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2022/03/31 04:09:44.00 30.5690 49.9650 10.0 34.74 34.74 m i ke USGS
20331026

Magnitude Err Nsta Author OrigID

mb 4.5 BGR 20331014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	34.74		P	04:16:35.067		108.7		10.00		TAS		7.2	1.09	m_e	mb 4.5

Event 20331009 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/31	05:44:01.00			-22.5790	170.3540				10.0			27		143.67	150.53	m i ke	USGS

Magnitude	Err	Nsta	Author	OrigID
Ms 6.8		BGR		20331015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.12		PKPbc	06:03:42.337	0.2	35.6		2.80		TAS				a_e	
ASSE	146.56		PKPbc	06:03:35.087	0.2	35.6		2.80		TAS				a_e	
BFO	150.53		PKPbc	06:03:45.287	-0.8	35.6		2.80		TAS				a_e	
BSEG	145.18		PKPbc	06:03:30.787	-0.3	35.6		2.80		TAS				a_e	
BUG	148.28		PKPbc	06:03:39.787	-0.0	35.6		2.80		TAS				a_e	
CLL	146.33		PKPbc	06:03:34.387	-0.0	35.6		2.80		TAS				a_e	
CLZ	146.90		PKPbc	06:03:36.437	0.6	35.6		2.80		TAS				a_e	
FLT1	146.19		PKPbc	06:03:33.587	-0.3	35.6		2.80		TAS				a_e	
FUR	149.46		PKPbc	06:03:42.887	-0.5	35.6		2.80		TAS				a_e	
GEC2	147.88		PKPbc	06:03:39.237	0.1	35.6		2.80		TAS				a_e	
GOR1	145.63		PKPbc	06:03:32.387	0.1	35.6		2.80		TAS				a_e	
GRA1	148.30		PKPbc	06:03:40.437	0.5	35.6		2.80		TAS				m_e	
GRA1	148.30		L	07:10:42.790						T__		15659.8	21.80	a_e	Ms 6.8
GTTG	147.28		PKPbc	06:03:37.587	0.6	35.6		2.80		TAS				a_e	
HLG	145.72		PKPbc	06:03:32.237	-0.6	35.6		2.80		TAS				a_e	
IBBN	147.38		PKPbc	06:03:37.387	0.1	35.6		2.80		TAS				a_e	
KAST	148.11		PKPbc	06:03:39.787	0.5	35.6		2.80		TAS				a_e	
MOX	147.39		PKPbc	06:03:37.787	0.4	35.6		2.80		TAS				a_e	
MOX	147.39		L	07:09:31.443						T__		16080.4	21.40	a_e	Ms 6.8
NEUB	146.90		PKPbc	06:03:36.237	0.3	35.6		2.80		TAS				a_e	
PLN	147.30		PKPbc	06:03:37.587	0.4	35.6		2.80		TAS				a_e	
RETH	146.50		PKPbc	06:03:34.937	0.1	35.6		2.80		TAS				a_e	
RGN	143.67		PKPbc	06:03:25.937	-0.9	35.6		2.80		TAS				a_e	
RUE	145.12		PKPbc	06:03:30.687	-0.3	35.6		2.80		TAS				a_e	
STU	149.83		PKPbc	06:03:43.887	-0.3	35.6		2.80		TAS				a_e	
TANN	147.23		PKPbc	06:03:37.437	0.5	35.6		2.80		TAS				a_e	
TNS	148.92		PKPbc	06:03:42.087	0.5	35.6		2.80		TAS				a_e	
UBR	150.33		PKPbc	06:03:44.787	-0.9	35.6		2.80		TAS				a_e	
WLF	150.18		PKPbc	06:03:45.087	-0.0	35.6		2.80		TAS				a_e	

Event 20331011 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/31	06:09:49.00			-22.3740	170.1080				10.0					148.01	148.01	m i ke	USGS

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	148.01		PKP	06:29:32.643		39.1		3.41		TAS					m_e

Event 20331014 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/31	07:22:01.00			-22.5400	170.0690				10.0					148.15	148.15	m i ke	USGS

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	148.15		PKP	07:41:47.846		39.3		3.57		TAS					m_e

Event 20331015 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/31	11:52:29.66			38.6580	141.5530				98.2					81.62	81.62	m i ke	BGR

Magnitude Err Nsta Author OrigID

mb	5.0		BGR	20331021													
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
GRA1	81.62		P	12:04:35.653		39.7		4.52		TAS		10.4	0.89	m_e mb	5.0		
GRA1	81.62		pP	12:05:01.164						T__				m_e			

Event 20331017 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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2022/03/31 15:29:53.00 -22.6410 170.6720 6.2 148.48 148.48 m i ke USGS
20331035

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 148.48 PKP 15:49:39.052 38.4 3.27 TAS m_e

Event 20331018 Southeast of Loyalty Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2022/03/31 15:30:47.00 -22.5750 170.8020 10.0 148.47 148.47 m i ke USGS
20331036

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 148.47 PKP 15:50:33.365 38.1 1.66 TAS m_e

Event 20331019 Southeast of Loyalty Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2022/03/31 15:54:28.00 -22.2360 170.1290 11.7 146.99 147.90 m i ke USGS
20331037

Magnitude Err Nsta Author OrigID

Ms 5.0 BGR 20331025

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 147.90 PKP 16:14:11.184 38.9 3.05 TAS m_e
GRA1 147.90 L 17:19:45.294 T__ 322.5 20.30 a_e Ms 5.1
MOX 146.99 L 17:18:52.567 T__ 256.4 22.00 a_e Ms 5.0

Event 20331020 Kuril Islands, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2022/03/31 18:19:24.43 46.4500 149.7800 33.0 25 74.11 79.73 m i ke BGR
20331026

Magnitude Err Nsta Author OrigID

mb	5.4	BGR	20331026
Ms	4.3	BGR	20331026

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.03		P	18:31:20.903	0.7	28.1		5.61		TAS		50.7	1.12	a_e	mb 5.6
ASSE	75.61		P	18:31:07.253	0.4	28.1		5.61		TAS		14.0	0.86	a_e	mb 5.1
BFO	79.68		P	18:31:29.703		28.1		5.61		TAS		18.5	0.87	a_e	mb 5.0
BSEG	74.11		P	18:30:58.753	-0.1	28.1		5.61		TAS		21.8	1.01	a_e	mb 5.1
BUG	77.17		P	18:31:15.803	0.1	28.1		5.61		TAS		46.9	1.11	a_e	mb 5.5
CLL	75.64		P	18:31:07.341	-0.2	28.1		5.61		TAS		53.4	0.98	m_e	mb 5.6
CLZ	75.95		P	18:31:09.603	-0.2	28.1		5.61		TAS		70.3	1.29	a_e	mb 5.6
FLT1	75.27		P	18:31:05.088	-0.1	28.1		5.61		TAS		30.4	0.84	m_e	mb 5.4
FUR	78.94		P	18:31:26.153	-0.3	28.1		5.61		TAS		55.0	1.07	a_e	mb 5.5
GEC2	77.57		P	18:31:18.403	-0.0	28.1		5.61		TAS		17.7	0.93	a_e	mb 5.2
GOR1	74.66		P	18:31:02.303	-0.0	28.1		5.61		TAS		80.6	1.36	a_e	mb 5.6
GRA1	77.60		P	18:31:18.953	-0.1	28.1		5.61		TAS		59.9	0.92	m_e	mb 5.7
GRA1	77.60		L	19:09:42.988						T__		156.3	19.90	a_e	Ms 4.3
GTTG	76.33		P	18:31:11.603	0.1	28.1		5.61		TAS		49.6	1.21	a_e	mb 5.5
IBBN	76.26		P	18:31:10.753	0.1	28.1		5.61		TAS		39.4	0.81	a_e	mb 5.6
KAST	77.07		P	18:31:15.603	0.4	28.1		5.61		TAS		30.0	0.98	a_e	mb 5.4
MOX	76.64		P	18:31:13.153	-0.2	28.1		5.61		TAS		26.9	1.11	a_e	mb 5.3
MOX	76.64		L	19:10:02.949						T__		126.2	19.40	a_e	Ms 4.2
NEUB	76.11		P	18:31:09.953	0.2	28.1		5.61		TAS		61.9	1.12	a_e	mb 5.6
PLN	76.62		P	18:31:13.103	0.1	28.1		5.61		TAS		9.1	1.13	a_e	mb 4.8
RETH	75.43		P	18:31:06.303	-0.1	28.1		5.61		TAS		16.3	1.00	a_e	mb 5.0
RUE	74.38		P	18:31:00.303	0.3	28.1		5.61		TAS		49.9	0.94	a_e	mb 5.5
STU	79.03		P	18:31:26.253	-0.2	28.1		5.61		TAS		59.2	0.99	a_e	mb 5.6
TANN	76.59		P	18:31:12.853	0.0	28.1		5.61		TAS		11.2	0.99	a_e	mb 5.0
TNS	77.94		P	18:31:20.353	0.1	28.1		5.61		TAS		32.5	0.94	a_e	mb 5.4
UBR	79.73		P	18:31:30.203		28.1		5.61		TAS		35.7	1.60	a_e	mb 5.0
WLF	79.08		P	18:31:27.453	-0.5	28.1		5.61		TAS		25.1	1.00	a_e	mb 5.2

Event 20331021 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/31	19:50:40.00			-22.7320	170.6510				10.0					147.65	148.56	m i ke	USGS
OrigID 20331039																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.2		BGR	20331027

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	148.56		PKP	20:10:25.212		38.5		1.86		TAS				m_e	
GRA1	148.56		L	21:16:31.819						T__		3355.1	21.50	a_e	Ms 6.1
MOX	147.65		L	21:16:36.090						T__		5166.4	21.20	a_e	Ms 6.3

Event 20331022 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/03/31	21:59:44.00			-22.6710	170.6500				10.0					148.50	148.50	m i ke	USGS
OrigID 20331040																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	148.50		PKP	22:19:28.514		38.5		3.14		TAS					m_e