

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

(produced by SZO/BGR - HANNOVER)

May 2015 UPDATED 12.October.2017

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

Event 50501001 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/01	00:21:09.20			-21.6270	172.0500				136.6	0.6		36		143.97	150.33	m i ke	BGR
OrigID 50501007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	148.82		PKPdf	00:40:36.265		40.2		1.58		TAS				m_e	
AHRW	148.82		PKPbc	00:40:39.904	-0.2	37.6		2.75		TAS				m_e	
ASSE	146.31		PKPdf	00:40:31.757	-0.0	40.2		1.58		TAS				m_e	
ASSE	146.31		PKPbc	00:40:33.128	0.3	37.6		2.75		TAS				m_e	
BFO	150.33		PKPdf	00:40:37.985		40.2		1.58		TAS				m_e	
BFO	150.33		PKPbc	00:40:43.277		37.6		2.75		TAS				m_e	
BFO	150.33		PKPab	00:40:50.863		38.2		3.90		TAS				m_e	
BFO	150.33		pPKPbc	00:41:19.475						T__				m_e	
BRG	146.15		PKPbc	00:40:32.451	0.2	37.6		2.75		TAS				m_e	
BRG	146.15		pPKPbc	00:41:08.443						T__				m_e	
BSEG	144.88		PKPbc	00:40:28.757	-0.2	37.6		2.75		TAS				m_e	
BUG	147.96		PKPbc	00:40:37.630	-0.1	37.6		2.75		TAS				m_e	
CLL	146.17		PKPdf	00:40:31.320	0.2	40.2		1.58		TAS				m_e	
CLL	146.17		PKPbc	00:40:32.338	0.2	37.6		2.75		TAS				m_e	
CLL	146.17		pPKPbc	00:41:08.313						T__				m_e	
CLZ	146.65		PKPdf	00:40:32.696	-0.3	40.2		1.58		TAS				m_e	
CLZ	146.65		PKPbc	00:40:34.348	0.5	37.6		2.75		TAS				m_e	
FBE	146.34		PKPdf	00:40:32.103	0.1	40.2		1.58		TAS				m_e	
FBE	146.34		PKPbc	00:40:33.179	0.2	37.6		2.75		TAS				m_e	
FLT1	145.95		PKPbc	00:40:31.757	0.1	37.6		2.75		TAS				m_e	
FLT1	145.95		pPKPbc	00:41:07.713						T__				m_e	
FUR	149.36		PKPdf	00:40:36.659		40.2		1.58		TAS				m_e	

FUR	149.36	PKPbc	00:40:41.057	-0.6	37.6	2.75	TAS	m_e
FUR	149.36	PKPab	00:40:47.036		38.2	3.90	TAS	m_e
GEC2	147.82	PKPdf	00:40:34.138		40.2	1.58	TAS	m_e
GEC2	147.82	PKPbc	00:40:37.067	-0.1	37.6	2.75	TAS	m_e
GEC2	147.82	pPKPbc	00:41:13.217				T__	m_e
GRA1	148.15	PKPdf	00:40:34.616		40.2	1.58	TAS	m_e
GRA1	148.15	PKPbc	00:40:38.095	-0.7	37.6	2.75	TAS	m_e
GRA1	148.15	PKPab	00:40:42.347		38.2	3.90	TAS	m_e
GTTG	147.04	PKPbc	00:40:35.509	0.5	37.6	2.75	TAS	m_e
GUNZ	147.18	PKPdf	00:40:33.270		40.2	1.58	TAS	m_e
GUNZ	147.18	PKPbc	00:40:35.780	0.1	37.6	2.75	TAS	m_e
GUNZ	147.18	PKPab	00:40:38.550		38.2	3.90	TAS	m_e
HLG	145.34	PKPbc	00:40:30.573	-0.1	37.6	2.75	TAS	m_e
IBBN	147.05	PKPbc	00:40:35.196	0.3	37.6	2.75	TAS	m_e
KAST	147.83	PKPbc	00:40:37.505	0.2	37.6	2.75	TAS	m_e
LNIZ	143.97	PKPbc	00:40:25.452	-0.4	37.6	2.75	TAS	m_e
MANZ	147.57	PKPdf	00:40:33.865		40.2	1.58	TAS	m_e
MANZ	147.57	PKPbc	00:40:36.670	-0.1	37.6	2.75	TAS	m_e
MANZ	147.57	PKPab	00:40:39.935		38.2	3.90	TAS	m_e
MOX	147.22	PKPbc	00:40:35.508	0.1	37.6	2.75	TAS	m_e
MOX	147.22	PKPab	00:40:38.403		38.2	3.90	TAS	m_e
NEUB	146.71	PKPbc	00:40:34.209	0.3	37.6	2.75	TAS	m_e
NRDL	146.18	PKPbc	00:40:32.768	0.4	37.6	2.75	TAS	m_e
PLN	147.15	PKPdf	00:40:33.098	-0.3	40.2	1.58	TAS	m_e
PLN	147.15	PKPbc	00:40:35.467	0.5	37.6	2.75	TAS	m_e
PLN	147.15	PKPab	00:40:38.245		38.2	3.90	TAS	m_e
RJOB	149.06	PKPdf	00:40:35.691		40.2	1.58	TAS	m_e
RJOB	149.06	PKPbc	00:40:39.911	0.3	37.6	2.75	TAS	m_e
RJOB	149.06	PKPab	00:40:45.345		38.2	3.90	TAS	m_e
ROTZ	147.71	PKPdf	00:40:33.999		40.2	1.58	TAS	m_e
ROTZ	147.71	PKPbc	00:40:36.982	0.1	37.6	2.75	TAS	m_e
ROTZ	147.71	PKPab	00:40:40.531		38.2	3.90	TAS	m_e
RUE	144.94	PKPbc	00:40:28.721	-0.3	37.6	2.75	TAS	m_e
STU	149.65	PKPdf	00:40:37.169		40.2	1.58	TAS	m_e
STU	149.65	PKPbc	00:40:41.920	-0.7	37.6	2.75	TAS	m_e
STU	149.65	PKPab	00:40:48.087		38.2	3.90	TAS	m_e
TANN	147.09	PKPbc	00:40:35.308	0.3	37.6	2.75	TAS	m_e
TNS	148.67	PKPdf	00:40:35.943		40.2	1.58	TAS	m_e
TNS	148.67	PKPbc	00:40:39.727	-0.2	37.6	2.75	TAS	m_e
UBBA	147.65	PKPbc	00:40:36.741	0.2	37.6	2.75	TAS	m_e
UBR	150.21	PKPdf	00:40:37.820		40.2	1.58	TAS	m_e
UBR	150.21	PKPbc	00:40:42.996		37.6	2.75	TAS	m_e
UBR	150.21	PKPab	00:40:50.191		38.2	3.90	TAS	m_e
UBR	150.21	pPKPbc	00:41:19.100				T__	m_e
WERD	147.12	PKPbc	00:40:35.420	-0.1	37.6	2.75	TAS	m_e
WERD	147.12	PKPab	00:40:38.065		38.2	3.90	TAS	m_e
WERN	147.22	PKPbc	00:40:35.849	0.3	37.6	2.75	TAS	m_e
WERN	147.22	PKPab	00:40:38.567		38.2	3.90	TAS	m_e
WET	147.93	PKPdf	00:40:34.477		40.2	1.58	TAS	m_e

WET	147.93	PKPbc	00:40:37.491	0.2	37.6	2.75	TAS	m_e
WET	147.93	PKPab	00:40:41.136		38.2	3.90	TAS	m_e
WLF	149.87	PKPdf	00:40:38.248		40.2	1.58	TAS	m_e
WLF	149.87	PKPbc	00:40:43.236		37.6	2.75	TAS	m_e

Event 50501002 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/01	08:06:06.00			-5.1600	151.8500				60.0	3.5		5		121.60	127.05	m i ke	EMSC
	50501034																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	126.01		PKPdf	08:25:00.991		51.6		1.92		TAS				m_e	
ASSE	123.28		PKPdf	08:24:55.620	0.3	51.6		1.92		TAS				m_e	
ASSE	123.28		pPKPdf	08:25:45.917	0.3	51.1		1.93		TAS				m_e	
BFO	126.94		PKPdf	08:25:02.252		51.6		1.92		TAS				m_e	
BFO	126.94		pPKPdf	08:25:52.731		51.1		1.93		TAS				m_e	
BRG	122.51		PKPdf	08:24:54.126	-0.1	51.6		1.92		TAS				m_e	
BSEG	122.22		PKPdf	08:24:53.799	0.3	51.6		1.92		TAS				m_e	
BSEG	122.22		pPKPdf	08:25:44.080	-0.2	51.1		1.93		TAS				m_e	
BUG	125.29		PKPdf	08:24:59.450	-0.3	51.6		1.92		TAS				m_e	
BUG	125.29		pPKPdf	08:25:49.912		51.1		1.93		TAS				m_e	
CLL	122.70		PKPdf	08:24:53.986	-0.0	51.6		1.92		TAS				m_e	
CLL	122.70		pPKPdf	08:25:44.579	0.2	51.1		1.93		TAS				m_e	
CLZ	123.61		PKPdf	08:24:56.648	0.1	51.6		1.92		TAS				m_e	
CLZ	123.61		pPKPdf	08:25:46.954	0.2	51.1		1.93		TAS				m_e	
FBE	122.77		PKPdf	08:24:54.873	-0.0	51.6		1.92		TAS				m_e	
FLT1	122.88		PKPdf	08:24:54.546	0.2	51.6		1.92		TAS				m_e	
FLT1	122.88		pPKPdf	08:25:45.030	0.0	51.1		1.93		TAS				m_e	
FUR	125.55		pPKPdf	08:25:50.311		51.1		1.93		TAS				m_e	
GEC2	123.86		PKPdf	08:24:56.741	-0.0	51.6		1.92		TAS				m_e	
GEC2	123.86		pPKPdf	08:25:47.064	-0.1	51.1		1.93		TAS				m_e	
GRA1	124.61		PKPdf	08:24:58.089	0.0	51.6		1.92		TAS				m_e	
GRA1	124.61		pPKPdf	08:25:48.557	0.1	51.1		1.93		TAS				m_e	
GRA1	124.61		PKKP	08:34:56.128		230.5		5.38		TAS				m_e	
GRA1	124.61		SKKP	08:38:32.510		212.3		2.50		TAS				m_e	
GTTG	124.00		PKPdf	08:24:57.161	-0.0	51.6		1.92		TAS				m_e	
GTTG	124.00		pPKPdf	08:25:47.584	0.1	51.1		1.93		TAS				m_e	
GUNZ	123.63		PKPdf	08:24:56.368	0.1	51.6		1.92		TAS				m_e	
GUNZ	123.63		pPKPdf	08:25:46.862	0.2	51.1		1.93		TAS				m_e	
HLG	123.07		pPKPdf	08:25:45.872	0.3	51.1		1.93		TAS				m_e	
IBBN	124.46		PKPdf	08:24:58.096	-0.2	51.6		1.92		TAS				m_e	
IBBN	124.46		pPKPdf	08:25:48.418	0.1	51.1		1.93		TAS				m_e	
KAST	124.94		PKPdf	08:24:59.123	0.2	51.6		1.92		TAS				m_e	

KAST	124.94	pPKPdf	08:25:49.384	-0.2	51.1	1.93	TAS	m_e
MANZ	123.98	PKPdf	08:24:57.021	-0.3	51.6	1.92	TAS	m_e
MANZ	123.98	pPKPdf	08:25:47.410	0.1	51.1	1.93	TAS	m_e
MOX	123.80	PKPdf	08:24:56.461	0.3	51.6	1.92	TAS	m_e
MOX	123.80	pPKPdf	08:25:46.888	-0.1	51.1	1.93	TAS	m_e
NEUB	123.37	PKPdf	08:24:55.760	0.1	51.6	1.92	TAS	m_e
NEUB	123.37	pPKPdf	08:25:45.961	0.2	51.1	1.93	TAS	m_e
NRDL	123.29	PKPdf	08:24:55.760	0.1	51.6	1.92	TAS	m_e
NRDL	123.29	pPKPdf	08:25:46.336	0.1	51.1	1.93	TAS	m_e
PLN	123.64	PKPdf	08:24:56.321	0.1	51.6	1.92	TAS	m_e
PLN	123.64	pPKPdf	08:25:46.664	-0.0	51.1	1.93	TAS	m_e
RJOB	125.01	PKPdf	08:24:58.422	-0.2	51.6	1.92	TAS	m_e
RJOB	125.01	pPKPdf	08:25:48.685	0.7	51.1	1.93	TAS	m_e
ROTZ	124.07	PKPdf	08:24:56.835	0.2	51.6	1.92	TAS	m_e
ROTZ	124.07	pPKPdf	08:25:47.385	-0.5	51.1	1.93	TAS	m_e
RUE	121.60	pPKPdf	08:25:42.735	-0.1	51.1	1.93	TAS	m_e
SKMB	122.05	PKPdf	08:24:53.566	-0.5	51.6	1.92	TAS	m_e
SKMB	122.05	pPKPdf	08:25:43.983	-0.2	51.1	1.93	TAS	m_e
STU	126.22	PKPdf	08:25:01.411		51.6	1.92	TAS	m_e
STU	126.22	pPKPdf	08:25:51.670		51.1	1.93	TAS	m_e
TANN	123.53	PKPdf	08:24:56.227	0.3	51.6	1.92	TAS	m_e
TNS	125.60	PKPdf	08:25:00.057		51.6	1.92	TAS	m_e
TNS	125.60	pPKPdf	08:25:49.592		51.1	1.93	TAS	m_e
UBBA	124.47	PKPdf	08:24:57.582	-0.1	51.6	1.92	TAS	m_e
UBBA	124.47	pPKPdf	08:25:48.195	-0.9	51.1	1.93	TAS	m_e
UBR	126.47	PKPdf	08:25:01.458		51.6	1.92	TAS	m_e
WERD	123.59	PKPdf	08:24:56.227	-0.1	51.6	1.92	TAS	m_e
WERD	123.59	pPKPdf	08:25:46.508	0.1	51.1	1.93	TAS	m_e
WERN	123.66	PKPdf	08:24:56.554	-0.2	51.6	1.92	TAS	m_e
WERN	123.66	pPKPdf	08:25:46.857	0.2	51.1	1.93	TAS	m_e
WET	124.11	PKPdf	08:24:57.395	-0.4	51.6	1.92	TAS	m_e
WET	124.11	pPKPdf	08:25:47.687	-0.1	51.1	1.93	TAS	m_e
WLF	127.05	PKPdf	08:25:03.419		51.6	1.92	TAS	m_e
WLF	127.05	pPKPdf	08:25:54.026		51.1	1.93	TAS	m_e

Event 50501003 Nicobar Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/01	08:58:37.50			9.6300	92.2910				36.6	1.3		30		75.24	80.24	m i k e	BGR
50501009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50501009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.60		P	09:10:41.223		90.5		5.63		TAS		28.7	1.29	m_e mb	5.0

AHRW	79.60	sP	09:10:56.255		90.5	5.70	TAS			m_e		
ASSE	77.32	P	09:10:27.694	-0.2	90.5	5.63	TAS	29.8	1.44	m_e mb		5.2
BFO	78.87	P	09:10:36.441		90.5	5.63	TAS	11.3	1.01	m_e mb		4.8
BRG	75.24	P	09:10:16.111	-0.0	90.5	5.63	TAS	16.5	0.94	m_e mb		5.0
BRG	75.24	pP	09:10:26.500	-0.1	90.6	5.70	TAS			m_e		
BRG	75.24	sP	09:10:31.330	0.1	90.5	5.70	TAS			m_e		
BSEG	77.56	P	09:10:29.550	0.1	90.5	5.63	TAS	38.6	1.09	m_e mb		5.4
BSEG	77.56	pP	09:10:39.783		90.6	5.70	TAS			m_e		
BUG	79.45	P	09:10:39.827		90.5	5.63	TAS	35.7	1.42	m_e mb		5.2
CLL	75.85	P	09:10:19.233	-0.6	90.5	5.63	TAS	15.3	1.05	m_e mb		5.1
CLZ	77.51	P	09:10:29.135	0.1	90.5	5.63	TAS	18.0	0.89	m_e mb		5.2
CLZ	77.51	pP	09:10:39.450		90.6	5.70	TAS			m_e		
CLZ	77.51	sP	09:10:44.343		90.5	5.70	TAS			m_e		
FBE	75.62	P	09:10:18.703	-0.5	90.5	5.63	TAS	35.7	0.98	m_e mb		5.5
FBE	75.62	pP	09:10:28.864	-0.1	90.6	5.70	TAS			m_e		
FLT1	76.98	P	09:10:25.344	0.4	90.5	5.63	TAS	9.5	0.84	m_e mb		5.0
FLT1	76.98	sP	09:10:40.441		90.5	5.70	TAS			m_e		
GEC2	75.31	P	09:10:16.668	-0.1	90.5	5.63	TAS	23.4	1.24	m_e mb		5.1
GEC2	75.31	pP	09:10:26.853	-0.1	90.6	5.70	TAS			m_e		
GEC2	75.31	sP	09:10:31.769	-0.2	90.5	5.70	TAS			m_e		
GRA1	76.95	P	09:10:26.390	0.3	90.5	5.63	TAS	20.3	0.92	m_e mb		5.2
GRA1	76.95	pP	09:10:36.672		90.6	5.70	TAS			m_e		
GTTG	77.76	P	09:10:30.598	-0.1	90.5	5.63	TAS	18.4	0.83	m_e mb		5.2
GTTG	77.76	sP	09:10:45.718		90.5	5.70	TAS			m_e		
GUNZ	76.25	P	09:10:22.155	0.5	90.5	5.63	TAS	22.8	1.35	m_e mb		5.1
HLG	78.99	P	09:10:36.779		90.5	5.63	TAS	177.8	0.96	m_e mb		6.1
KAST	78.73	P	09:10:35.818		90.5	5.63	TAS	20.1	1.39	m_e mb		5.0
KAST	78.73	sP	09:10:51.042		90.5	5.70	TAS			m_e		
MANZ	76.38	P	09:10:23.260	-0.0	90.5	5.63	TAS	37.9	1.39	m_e mb		5.3
MANZ	76.38	sP	09:10:38.354	-0.2	90.5	5.70	TAS			m_e		
MILB	78.20	P	09:10:33.106		90.5	5.63	TAS	19.4	0.94	m_e mb		5.2
MOX	76.71	P	09:10:24.560	0.5	90.5	5.63	TAS	29.5	1.61	m_e mb		5.2
MOX	76.71	pP	09:10:34.865		90.6	5.70	TAS			m_e		
MOX	76.71	sP	09:10:39.660	0.1	90.5	5.70	TAS			m_e		
NEUB	76.62	P	09:10:23.881	-0.7	90.5	5.63	TAS	16.2	0.84	m_e mb		5.2
NEUB	76.62	pP	09:10:34.148		90.6	5.70	TAS			m_e		
NEUB	76.62	sP	09:10:38.947	0.1	90.5	5.70	TAS			m_e		
NRDL	77.67	P	09:10:30.236	-0.1	90.5	5.63	TAS	40.3	1.38	m_e mb		5.4
NRDL	77.67	sP	09:10:45.473		90.5	5.70	TAS			m_e		
PLN	76.36	P	09:10:22.601	-0.2	90.5	5.63	TAS	8.8	0.84	m_e mb		4.9
PLN	76.36	sP	09:10:37.658	0.1	90.5	5.70	TAS			m_e		
RGN	75.82	sP	09:10:34.500	0.0	90.5	5.70	TAS			m_e		
RJOB	75.88	P	09:10:19.296	0.2	90.5	5.63	TAS	36.1	1.08	m_e mb		5.4
ROTZ	76.31	P	09:10:22.814	0.5	90.5	5.63	TAS	24.2	1.14	m_e mb		5.2
ROTZ	76.31	pP	09:10:33.068		90.6	5.70	TAS			m_e		
RUE	75.43	P	09:10:17.220	0.3	90.5	5.63	TAS	51.6	1.16	m_e mb		5.4
RUE	75.43	pP	09:10:27.480	0.2	90.6	5.70	TAS			m_e		
RUE	75.43	sP	09:10:32.099	0.1	90.5	5.70	TAS			m_e		
TANN	76.17	P	09:10:21.432	0.2	90.5	5.63	TAS	10.3	1.10	m_e mb		4.9

TNS	78.74	pP	09:10:46.328	90.6	5.70	TAS										m_e
TNS	78.74	sP	09:10:51.332	90.5	5.70	TAS										m_e
UBR	77.69	P	09:10:29.864	-0.3 90.5	5.63	TAS	22.4	1.19								m_e mb 5.2
UBR	77.69	sP	09:10:44.973	90.5	5.70	TAS										m_e
WERD	76.27	P	09:10:22.077	-0.0 90.5	5.63	TAS	19.3	1.30								m_e mb 5.1
WERD	76.27	pP	09:10:32.217	-0.2 90.6	5.70	TAS										m_e
WERD	76.27	sP	09:10:37.193	0.4 90.5	5.70	TAS										m_e
WERN	76.22	P	09:10:21.988	0.0 90.5	5.63	TAS	16.6	1.28								m_e mb 5.0
WET	75.86	P	09:10:19.821	-0.1 90.5	5.63	TAS	16.2	1.22								m_e mb 5.0
WET	75.86	pP	09:10:29.974	-0.3 90.6	5.70	TAS										m_e
WET	75.86	sP	09:10:34.908	0.5 90.5	5.70	TAS										m_e
WLF	80.24	P	09:10:44.624	90.5	5.63	TAS										m_e

Event 50501005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/01	15:59:15.16			-17.9360	-177.5200				33.0			7		143.56	149.68	m i ke	BGR
	50501011																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.28		PKPbc	16:18:48.446	0.4	15.6		2.85		TAS					m_e
BFO	149.31		PKPbc	16:18:59.781		15.6		2.85		TAS					m_e
BFO	149.31		PKPab	16:19:05.303		13.5		4.05		TAS					m_e
BRG	145.89		PKPbc	16:18:50.355	0.3	15.6		2.85		TAS					m_e
BSEG	143.56		PKPbc	16:18:42.685	0.0	15.6		2.85		TAS					m_e
CLL	145.67		PKPbc	16:18:49.635	0.1	15.6		2.85		TAS					m_e
CLZ	145.60		PKPbc	16:18:49.905	0.1	15.6		2.85		TAS					m_e
FBE	145.97		PKPbc	16:18:50.938	0.2	15.6		2.85		TAS					m_e
FLT1	144.99		PKPbc	16:18:47.321	-0.0	15.6		2.85		TAS					m_e
FUR	149.01		PKPbc	16:18:58.884		15.6		2.85		TAS					m_e
FUR	149.01		PKPab	16:19:04.427		13.5		4.05		TAS					m_e
GEC2	147.85		PKPbc	16:18:55.816		15.6		2.85		TAS					m_e
GRA1	147.55		PKPbc	16:18:55.334		15.6		2.85		TAS					m_e
GRA1	147.55		PKPab	16:18:58.489		13.5		4.05		TAS					m_e
GTTG	145.94		PKPbc	16:18:50.825	0.2	15.6		2.85		TAS					m_e
GUNZ	146.70		PKPbc	16:18:52.978	0.3	15.6		2.85		TAS					m_e
GUNZ	146.70		PKPab	16:18:55.070		13.5		4.05		TAS					m_e
IBBN	145.45		PKPbc	16:18:49.342	0.0	15.6		2.85		TAS					m_e
KAST	146.47		PKPbc	16:18:52.240	0.3	15.6		2.85		TAS					m_e
MANZ	147.10		PKPbc	16:18:54.068	-0.3	15.6		2.85		TAS					m_e
MOX	146.56		PKPbc	16:18:52.309	0.2	15.6		2.85		TAS					m_e
NEUB	146.00		PKPbc	16:18:50.646	0.4	15.6		2.85		TAS					m_e
NRDL	145.00		PKPbc	16:18:47.567	0.3	15.6		2.85		TAS					m_e
PLN	146.61		PKPbc	16:18:52.566	0.3	15.6		2.85		TAS					m_e

RJOB	149.10	PKPbc	16:18:58.838	15.6	2.85	TAS	m_e
RJOB	149.10	PKPab	16:19:05.057	13.5	4.05	TAS	m_e
ROTZ	147.29	PKPbc	16:18:54.528	-0.3 15.6	2.85	TAS	m_e
STU	148.76	PKPbc	16:18:58.594	15.6	2.85	TAS	m_e
TANN	146.62	PKPbc	16:18:52.641	-0.2 15.6	2.85	TAS	m_e
TNS	147.44	PKPbc	16:18:55.096	-0.5 15.6	2.85	TAS	m_e
UBR	149.68	PKPbc	16:19:00.593	15.6	2.85	TAS	m_e
WERD	146.62	PKPbc	16:18:52.666	-0.2 15.6	2.85	TAS	m_e
WERN	146.76	PKPbc	16:18:53.169	0.1 15.6	2.85	TAS	m_e
WERN	146.76	PKPab	16:18:55.239	13.5	4.05	TAS	m_e
WET	147.75	PKPbc	16:18:55.484	15.6	2.85	TAS	m_e
WET	147.75	PKPab	16:18:59.186	13.5	4.05	TAS	m_e
WLF	148.21	PKPbc	16:18:57.647	15.6	2.85	TAS	m_e

Event 50501006 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/01	16:56:52.90			42.2330	141.7000				33.0					78.69	78.69	m i ke	BGR
50501012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50501012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.69		P	17:08:49.835		35.6		4.62		TAS		12.2	1.28	m_e mb	4.8

Event 50502001 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/02	03:53:23.46			-20.5530	169.1460				33.0				6	145.16	148.27	m i ke	BGR
50502007																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.27		PKPbc	04:13:06.147		39.0		3.17		TAS					m_e
GRA1	146.03		PKPbc	04:12:59.317		39.0		3.17		TAS					m_e
IBBN	145.16		PKPbc	04:12:56.774		39.0		3.17		TAS					m_e
RJOB	146.82		PKPbc	04:13:02.025		39.0		3.17		TAS					m_e
UBR	148.06		PKPbc	04:13:05.534		39.0		3.17		TAS					m_e
WLF	147.95		PKPbc	04:13:05.860		39.0		3.17		TAS					m_e

Event 50502002 Nepal-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/02	05:35:46.24			27.6820	84.4450				10.0			17		56.96	61.08	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50502008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	58.93		P	05:45:44.244		82.9		6.97		TAS		19.9	1.03	m_e mb	5.1
BUG	61.08		P	05:45:58.906		82.9		6.97		TAS		16.7	1.00	m_e mb	4.8
CLL	57.53		P	05:45:33.635	-0.0	82.9		6.97		TAS		7.3	1.29	m_e mb	4.6
CLZ	59.11		P	05:45:45.358		82.9		6.97		TAS		15.2	0.87	m_e mb	5.0
FBE	57.34		P	05:45:33.384	-0.8	82.9		6.97		TAS		11.9	1.09	m_e mb	4.8
FLT1	58.53		P	05:45:40.613		82.9		6.97		TAS		9.0	0.92	m_e mb	4.8
GEC2	57.31		P	05:45:32.907	0.1	82.9		6.97		TAS		5.9	1.12	m_e mb	4.5
GRA1	58.83		P	05:45:44.093		82.9		6.97		TAS		6.2	1.00	m_e mb	4.6
GUNZ	58.04		P	05:45:38.170	-0.6	82.9		6.97		TAS		5.4	1.15	m_e mb	4.5
IBBN	60.65		P	05:45:55.873		82.9		6.97		TAS		16.6	1.12	m_e mb	4.8
MOX	58.46		P	05:45:40.880		82.9		6.97		TAS		7.0	1.13	m_e mb	4.6
NRDL	59.20		P	05:45:46.303		82.9		6.97		TAS		23.2	0.99	m_e mb	5.2
ROTZ	58.18		P	05:45:39.405	0.5	82.9		6.97		TAS		10.9	1.20	m_e mb	4.8
RUE	56.96		P	05:45:30.111	0.2	82.9		6.97		TAS		13.3	0.55	m_e mb	5.2
TANN	57.95		P	05:45:37.452	0.3	82.9		6.97		TAS		4.2	1.00	m_e mb	4.4
TNS	60.53		P	05:45:55.092		82.9		6.97		TAS		12.3	1.22	m_e mb	4.6
WET	57.82		P	05:45:36.642	0.1	82.9		6.97		TAS		7.1	1.27	m_e mb	4.5

Event 50502005 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/02	08:23:44.30			34.2200	25.6900				13.0			25		17.12	22.50	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50502011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	21.24		P	08:28:29.313		140.0		10.76		TAS		27.6	0.77	m_e mb	4.7
BFO	19.14		P	08:28:06.688	-0.2	140.0		10.76		TAS		9.9	0.69	m_e mb	4.2
BSEG	22.50		P	08:28:40.381		140.0		10.76		TAS		12.5	0.69	m_e mb	4.6
BUG	21.78		P	08:28:34.826		140.0		10.76		TAS		75.6	1.38	m_e mb	4.9
CLZ	20.79		P	08:28:23.452	-0.4	140.0		10.76		TAS		13.8	0.91	m_e mb	4.3
FBE	18.96		P	08:28:03.565	0.8	140.0		10.76		TAS		10.8	0.72	m_e mb	4.2

FLT1	20.87	P	08:28:23.986	-0.0	140.0	10.76	TAS	10.1	0.60	m_e	mb	4.3
FUR	17.61	P	08:27:49.366	-0.4	140.0	10.76	TAS	54.3	1.09	m_e	mb	4.6
GEC2	17.12	P	08:27:43.947	-0.9	140.0	10.76	TAS	8.6	0.82	m_e	mb	3.9
GRA1	18.78	P	08:28:02.566	0.4	140.0	10.76	TAS	69.8	1.47	m_e	mb	4.7
GTTG	20.72	P	08:28:23.500	-0.2	140.0	10.76	TAS	111.0	1.53	m_e	mb	5.0
GUNZ	18.87	P	08:28:03.225	0.1	140.0	10.76	TAS	15.6	0.62	m_e	mb	4.4
IBBN	22.19	P	08:28:38.873		140.0	10.76	TAS	37.4	1.45	m_e	mb	4.6
KAST	21.10	P	08:28:27.419		140.0	10.76	TAS	50.2	1.40	m_e	mb	4.7
MANZ	18.65	P	08:28:00.754	-0.1	140.0	10.76	TAS	10.0	0.95	m_e	mb	4.0
NRDL	21.41	P	08:28:30.044		140.0	10.76	TAS	8.4	1.04	m_e	mb	4.0
ROTZ	18.44	P	08:27:58.227	-0.1	140.0	10.76	TAS	6.9	0.85	m_e	mb	3.8
STU	19.02	P	08:28:05.994	0.6	140.0	10.76	TAS	29.9	0.75	m_e	mb	4.6
TANN	18.86	P	08:28:02.935	0.3	140.0	10.76	TAS	17.9	0.84	m_e	mb	4.3
TNS	20.38	P	08:28:19.899	0.1	140.0	10.76	TAS	40.1	0.85	m_e	mb	4.7
UBBA	20.15	P	08:28:16.657	0.2	140.0	10.76	TAS	10.1	0.80	m_e	mb	4.1
UBR	17.82	P	08:27:52.378	-0.5	140.0	10.76	TAS	46.5	0.82	m_e	mb	4.7
WERD	18.95	P	08:28:03.839	0.7	140.0	10.76	TAS	13.8	0.71	m_e	mb	4.3
WERN	18.79	P	08:28:02.478	0.2	140.0	10.76	TAS	9.3	0.67	m_e	mb	4.1
WET	17.68	P	08:27:50.083	0.2	140.0	10.76	TAS	14.3	1.03	m_e	mb	4.0

Event 50502006 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/02	16:50:45.48			30.0560	140.8810				33.0					88.00	88.88	m i ke	BGR
OrigID																	
50502012																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	50502012
Ms	5.9		BGR	50502012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	88.88		P	17:03:31.301		50.2		4.31		TAS		200.2	2.16	m_e	mb	6.0
GRA1	88.88		PP	17:06:56.114		33.3		7.56		TAS				m_e		
GRA1	88.88		L	17:47:06.651						T__		4032.7	18.20	a_e	Ms	5.9
MOX	88.00		L	17:46:17.650						T__		4236.3	19.40	a_e	Ms	5.9

Event 50503002 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/03	04:02:56.93			38.1000	141.8400				48.7				30	77.69	84.54	m i ke	BGR
OrigID																	
50503008																	

Magnitude	Err	Nsta	Author	OrigID
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mb	5.2	BGR	50503008
Ms	4.4	BGR	50503008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	80.58		P	04:15:02.108	0.3	37.1		5.24		TAS		17.6	1.20	m_e mb	5.0
BFO	84.54		P	04:15:22.635		37.1		5.24		TAS		36.3	1.10	m_e mb	5.5
BSEG	79.26		P	04:14:55.439	0.1	37.1		5.24		TAS		28.1	1.09	m_e mb	5.2
CLL	80.34		P	04:15:00.671	0.3	37.1		5.24		TAS		25.3	0.91	m_e mb	5.1
CLZ	80.92		P	04:15:04.323	0.1	37.1		5.24		TAS		29.0	1.15	m_e mb	5.2
FBE	80.51		P	04:15:02.162	-0.2	37.1		5.24		TAS		28.0	0.96	m_e mb	5.3
FLT1	80.21		P	04:14:59.863	-0.2	37.1		5.24		TAS		27.4	0.98	m_e mb	5.1
FUR	83.52		P	04:15:17.750		37.1		5.24		TAS		38.0	0.97	m_e mb	5.6
GEC2	81.99		P	04:15:09.489	0.4	37.1		5.24		TAS		9.3	0.85	m_e mb	4.9
GRA1	82.32		P	04:15:11.783	-0.2	37.1		5.24		TAS		27.8	0.96	m_e mb	5.4
GRA1	82.32		pP	04:15:25.878						T__				m_e	
GRA1	82.32		L	04:50:27.506						T__		151.3	21.80	a_e Ms	4.3
GTTG	81.31		P	04:15:06.180	0.2	37.1		5.24		TAS		21.5	0.98	m_e mb	5.1
GUNZ	81.35		P	04:15:06.418	0.1	37.1		5.24		TAS		11.7	1.05	m_e mb	4.8
IBBN	81.49		P	04:15:06.998	-0.4	37.1		5.24		TAS		28.3	0.75	m_e mb	5.4
KAST	82.16		P	04:15:10.517	0.1	37.1		5.24		TAS		10.2	1.03	m_e mb	4.9
LNIZ	78.18		P	04:14:49.460	-0.2	37.1		5.24		TAS		41.0	1.05	m_e mb	5.5
MANZ	81.73		P	04:15:08.455	-0.2	37.1		5.24		TAS		8.7	0.89	m_e mb	4.9
MOX	81.41		P	04:15:06.499	0.3	37.1		5.24		TAS		21.9	1.56	m_e mb	4.9
MOX	81.41		L	04:55:57.065						T__		219.4	18.60	a_e Ms	4.5
NEUB	80.91		P	04:15:03.772	-0.0	37.1		5.24		TAS		28.1	0.99	m_e mb	5.3
NRDL	80.50		P	04:15:01.537	-0.1	37.1		5.24		TAS		13.0	1.07	m_e mb	4.8
PLN	81.32		P	04:15:06.123	-0.1	37.1		5.24		TAS		6.3	0.91	m_e mb	4.6
RGN	77.69		P	04:14:46.764	-0.3	37.1		5.24		TAS		80.4	1.41	m_e mb	5.7
RJOB	83.23		P	04:15:16.426		37.1		5.24		TAS		87.5	0.92	m_e mb	6.0
ROTZ	81.87		P	04:15:09.385	0.2	37.1		5.24		TAS		21.5	1.41	m_e mb	5.1
RUE	79.13		P	04:14:54.609	-0.1	37.1		5.24		TAS		21.5	0.71	m_e mb	5.3
SKMB	78.94		P	04:14:54.310	0.8	37.1		5.24		TAS		68.6	1.18	m_e mb	5.6
STU	83.85		P	04:15:19.218		37.1		5.24		TAS		30.4	1.11	m_e mb	5.4
TANN	81.26		P	04:15:05.814	-0.0	37.1		5.24		TAS		6.3	0.98	m_e mb	4.6
UBBA	81.88		P	04:15:08.709	0.0	37.1		5.24		TAS		16.1	1.46	m_e mb	4.9
WERN	81.39		P	04:15:06.734	0.1	37.1		5.24		TAS		12.0	0.87	m_e mb	4.9
WET	82.09		P	04:15:10.395	0.2	37.1		5.24		TAS		12.0	1.04	m_e mb	5.0

Event 50503003 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/03	04:17:39.14			8.6850	-40.2310				10.0			33		56.14	62.37	m i ke	BGR
	50503009																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50503009

Ms 4.2 BGR 50503009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	59.84		P	04:27:44.963	0.1	244.3		6.94		TAS		38.8	1.55	m_e	mb 5.2
BFO	56.74		P	04:27:23.911	0.1	244.3		6.94		TAS		30.0	1.13	m_e	mb 5.2
BSEG	60.50		P	04:27:49.637	-0.3	244.3		6.94		TAS		65.7	1.71	m_e	mb 5.4
BUG	57.65		P	04:27:29.852	-0.0	244.3		6.94		TAS		26.1	1.49	m_e	mb 5.0
CLL	60.78		P	04:27:51.473		244.3		6.94		TAS		17.0	1.29	m_e	mb 4.7
CLZ	59.54		P	04:27:43.060	-0.2	244.3		6.94		TAS		13.9	1.17	m_e	mb 4.9
FBE	60.82		P	04:27:52.368		244.3		6.94		TAS		38.3	1.37	m_e	mb 5.0
FLT1	60.24		P	04:27:47.660	0.3	244.3		6.94		TAS		26.8	1.27	m_e	mb 5.1
FUR	58.44		P	04:27:35.849	-0.1	244.3		6.94		TAS		94.0	1.40	m_e	mb 5.6
GEC2	60.19		P	04:27:47.487	-0.3	244.3		6.94		TAS		20.7	1.26	m_e	mb 5.0
GRA1	59.06		P	04:27:39.782	0.3	244.3		6.94		TAS		65.8	1.63	m_e	mb 5.4
GRA1	59.06		L	04:50:27.524						T__		151.3	21.80	a_e	Ms 4.1
GTTG	59.18		P	04:27:40.904	-0.2	244.3		6.94		TAS		40.1	1.24	m_e	mb 5.3
GUNZ	59.99		P	04:27:46.497	0.1	244.3		6.94		TAS		43.9	1.46	m_e	mb 5.3
IBBN	58.35		P	04:27:34.655	-0.1	244.3		6.94		TAS		51.2	1.64	m_e	mb 5.3
KAST	58.16		P	04:27:33.477	0.3	244.3		6.94		TAS		23.3	1.30	m_e	mb 5.1
LNIZ	62.37		P	04:28:02.559		244.3		6.94		TAS		146.0	1.63	m_e	mb 6.0
MANZ	59.70		P	04:27:44.274	-0.2	244.3		6.94		TAS		16.4	1.27	m_e	mb 4.9
MOX	59.70		P	04:27:44.147	-0.2	244.3		6.94		TAS		35.3	1.45	m_e	mb 5.2
MOX	59.70		L	04:55:57.079						T__		219.4	18.60	a_e	Ms 4.3
NEUB	60.03		P	04:27:46.635	-0.2	244.3		6.94		TAS		30.1	1.24	m_e	mb 5.2
NRDL	59.70		P	04:27:44.760	-0.1	244.3		6.94		TAS		33.6	1.24	m_e	mb 5.2
PLN	59.94		P	04:27:46.004	0.1	244.3		6.94		TAS		30.0	1.32	m_e	mb 5.2
RGN	62.35		P	04:28:01.964		244.3		6.94		TAS		54.1	1.08	m_e	mb 5.7
RJOB	59.20		P	04:27:40.547	-0.0	244.3		6.94		TAS		78.0	1.00	m_e	mb 5.7
ROTZ	59.67		P	04:27:43.977	0.7	244.3		6.94		TAS		47.1	1.36	m_e	mb 5.3
RUE	61.70		P	04:27:58.310		244.3		6.94		TAS		63.0	1.15	m_e	mb 5.7
TANN	60.09		P	04:27:47.140	0.3	244.3		6.94		TAS		54.7	1.48	m_e	mb 5.4
TNS	57.70		P	04:27:30.639	0.0	244.3		6.94		TAS		16.0	1.28	m_e	mb 4.9
UBBA	58.86		P	04:27:38.320	-0.2	244.3		6.94		TAS		33.5	1.75	m_e	mb 5.1
UBR	57.52		P	04:27:29.719	0.2	244.3		6.94		TAS		33.1	1.17	m_e	mb 5.3
WERD	60.01		P	04:27:46.609	-0.2	244.3		6.94		TAS		37.9	1.38	m_e	mb 5.2
WERN	59.98		P	04:27:46.548	0.0	244.3		6.94		TAS		51.2	1.24	m_e	mb 5.4
WET	59.81		P	04:27:44.884	0.2	244.3		6.94		TAS		20.4	1.29	m_e	mb 5.0
WLF	56.14		P	04:27:18.862	-0.7	244.3		6.94		TAS		49.1	1.62	m_e	mb 5.3

Event 50503005 Eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/03	14:30:16.58			35.5900	138.9380				152.9			23		80.42	85.56	m i ke	BGR
				50503011													

Magnitude Err Nsta Author OrigID

mb 5.1 BGR 50503011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	85.56		P	14:42:35.383		40.4		5.13		TAS		9.4	0.70	m_e	mb 5.0
BSEG	80.42		P	14:42:09.065	-0.1	40.4		5.13		TAS		17.4	0.92	m_e	mb 5.0
CLL	81.33		P	14:42:13.694	0.1	40.4		5.13		TAS		17.1	0.68	m_e	mb 5.2
CLZ	82.00		P	14:42:17.575	0.3	40.4		5.13		TAS		11.0	0.80	m_e	mb 5.0
FBE	81.47		P	14:42:14.966	0.1	40.4		5.13		TAS		19.5	0.67	m_e	mb 5.3
FLT1	81.28		P	14:42:13.071	-0.0	40.4		5.13		TAS		14.5	0.70	m_e	mb 5.1
FUR	84.44		P	14:42:30.465		40.4		5.13		TAS		31.9	0.89	m_e	mb 5.6
GEC2	82.86		P	14:42:21.871		40.4		5.13		TAS		5.6	0.70	m_e	mb 4.9
GRA1	83.29		P	14:42:24.592		40.4		5.13		TAS		62.4	1.53	m_e	mb 5.6
GRA1	83.29		pP	14:43:02.683						T__				m_e	
GUNZ	82.32		P	14:42:19.342	0.4	40.4		5.13		TAS		8.4	0.78	m_e	mb 4.9
IBBN	82.66		P	14:42:20.485	-0.1	40.4		5.13		TAS		20.5	0.64	m_e	mb 5.5
MANZ	82.70		P	14:42:21.236	-0.3	40.4		5.13		TAS		7.7	0.71	m_e	mb 5.0
MOX	82.41		P	14:42:19.524	0.2	40.4		5.13		TAS		6.0	0.76	m_e	mb 4.8
NEUB	81.93		P	14:42:17.010	0.1	40.4		5.13		TAS		16.3	0.74	m_e	mb 5.2
PLN	82.30		P	14:42:19.058	0.0	40.4		5.13		TAS		3.8	0.60	m_e	mb 4.7
RJOB	84.09		P	14:42:28.632		40.4		5.13		TAS		57.9	1.09	m_e	mb 5.7
ROTZ	82.82		P	14:42:22.122		40.4		5.13		TAS		8.3	0.78	m_e	mb 5.0
STU	84.85		P	14:42:32.036		40.4		5.13		TAS		15.2	1.03	m_e	mb 5.2
TNS	84.03		P	14:42:27.629		40.4		5.13		TAS		13.8	1.31	m_e	mb 5.0
UBBA	82.94		P	14:42:22.024		40.4		5.13		TAS		4.8	0.69	m_e	mb 4.8
WERD	82.27		P	14:42:18.911	-0.1	40.4		5.13		TAS		17.2	1.43	m_e	mb 5.0
WERN	82.36		P	14:42:19.572	0.1	40.4		5.13		TAS		8.2	0.75	m_e	mb 4.9
WET	83.00		P	14:42:22.892		40.4		5.13		TAS		11.7	1.49	m_e	mb 4.9

Event 50503007 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/03	20:21:55.30			-5.5200	151.8900				60.0			18		123.03	127.39	m i ke	EMSC
50503039																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	126.35		PKPdf	20:40:52.521		51.8		1.97		TAS				m_e	
CLL	123.03		PKPdf	20:40:45.791	0.2	51.8		1.97		TAS				m_e	
FBE	123.10		PKPdf	20:40:46.317	-0.2	51.8		1.97		TAS				m_e	
FLT1	123.22		PKPdf	20:40:46.270	0.0	51.8		1.97		TAS				m_e	
GEC2	124.19		PKPdf	20:40:48.174		51.8		1.97		TAS				m_e	
GRA1	124.94		PKPdf	20:40:49.574		51.8		1.97		TAS				m_e	
GUNZ	123.96		PKPdf	20:40:47.869	-0.3	51.8		1.97		TAS				m_e	
KAST	125.28		PKPdf	20:40:50.495		51.8		1.97		TAS				m_e	
MANZ	124.31		PKPdf	20:40:48.611		51.8		1.97		TAS				m_e	

MOX	124.13	PKPdf	20:40:47.937		51.8		1.97	TAS		m_e
PLN	123.97	PKPdf	20:40:47.709	0.4	51.8		1.97	TAS		m_e
ROTZ	124.39	PKPdf	20:40:48.432		51.8		1.97	TAS		m_e
STU	126.55	PKPdf	20:40:52.799		51.8		1.97	TAS		m_e
TANN	123.86	PKPdf	20:40:47.662	-0.0	51.8		1.97	TAS		m_e
UBR	126.79	PKPdf	20:40:52.985		51.8		1.97	TAS		m_e
WERN	123.98	PKPdf	20:40:48.028		51.8		1.97	TAS		m_e
WET	124.44	PKPdf	20:40:48.814		51.8		1.97	TAS		m_e
WLF	127.39	PKPdf	20:40:55.057		51.8		1.97	TAS		m_e

Event 50503008 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/03	22:32:42.70			-5.5300	151.8300				40.0			16		123.01	126.53	m i ke	EMSC
OrigID 50503040																	

Magnitude	Err	Nsta	Author	OrigID
Ms 6.0			BGR	50503014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	126.33		PKPdf	22:51:40.842		51.1		1.93		TAS					m_e
ASSE	123.59		PKPdf	22:51:35.392	-0.1	51.1		1.93		TAS					m_e
CLL	123.01		PKPdf	22:51:33.918	0.2	51.1		1.93		TAS					m_e
FBE	123.08		PKPdf	22:51:34.650	-0.1	51.1		1.93		TAS					m_e
FLT1	123.20		PKPdf	22:51:34.372	-0.1	51.1		1.93		TAS					m_e
FUR	125.86		PKPdf	22:51:39.480		51.1		1.93		TAS					m_e
GEC2	124.16		PKPdf	22:51:36.314		51.1		1.93		TAS					m_e
GRA1	124.92		PKPdf	22:51:37.758		51.1		1.93		TAS					m_e
GRA1	124.92		pPKPdf	22:51:46.907						T__					m_e
GRA1	124.92		L	23:47:07.719						T__		3542.5	21.40	a_e Ms	6.0
GUNZ	123.94		PKPdf	22:51:36.072		51.1		1.93		TAS					m_e
KAST	125.26		PKPdf	22:51:38.644		51.1		1.93		TAS					m_e
MANZ	124.29		PKPdf	22:51:36.811		51.1		1.93		TAS					m_e
MOX	124.11		PKPdf	22:51:36.235		51.1		1.93		TAS					m_e
MOX	124.11		L	23:47:16.664						T__		3785.1	21.80	a_e Ms	6.0
PLN	123.94		PKPdf	22:51:36.021		51.1		1.93		TAS					m_e
STU	126.53		PKPdf	22:51:40.872		51.1		1.93		TAS					m_e
TNS	125.91		PKPdf	22:51:39.847		51.1		1.93		TAS					m_e
WERN	123.96		PKPdf	22:51:36.198		51.1		1.93		TAS					m_e

Event 50503009 New Britain, Papua New Guinea, region

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

2015/05/03 22:35:12.10 -5.5100 151.9100 71.0 24 121.09 127.39 m i ke EMSC
50503041

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	126.35		PKPdf	22:54:07.486		51.0		1.91		TAS				m_e	
BFO	127.27		PKPdf	22:54:08.626		51.0		1.91		TAS				m_e	
BSEG	122.56		PKPdf	22:54:00.257	0.2	51.0		1.91		TAS				m_e	
CLL	123.04		PKPdf	22:54:00.697	0.1	51.0		1.91		TAS				m_e	
CLZ	123.94		PKPdf	22:54:03.148	0.0	51.0		1.91		TAS				m_e	
FBE	123.10		PKPdf	22:54:01.411	-0.1	51.0		1.91		TAS				m_e	
FLT1	123.22		PKPdf	22:54:01.206	-0.1	51.0		1.91		TAS				m_e	
GEC2	124.19		PKPdf	22:54:03.176	-0.1	51.0		1.91		TAS				m_e	
GRA1	124.94		PKPdf	22:54:04.546		51.0		1.91		TAS				m_e	
GUNZ	123.96		PKPdf	22:54:03.047	0.1	51.0		1.91		TAS				m_e	
IBBN	124.80		PKPdf	22:54:04.459		51.0		1.91		TAS				m_e	
KAST	125.28		PKPdf	22:54:05.531		51.0		1.91		TAS				m_e	
LNIZ	121.09		PKPdf	22:53:57.588	0.0	51.0		1.91		TAS				m_e	
MANZ	124.31		PKPdf	22:54:03.562	0.0	51.0		1.91		TAS				m_e	
MOX	124.14		PKPdf	22:54:04.088	0.0	51.0		1.91		TAS				m_e	
NRDL	123.63		PKPdf	22:54:02.438	-0.1	51.0		1.91		TAS				m_e	
PLN	123.97		PKPdf	22:54:02.791	-0.2	51.0		1.91		TAS				m_e	
RUE	121.93		PKPdf	22:53:59.046	-0.2	51.0		1.91		TAS				m_e	
STU	126.55		PKPdf	22:54:07.850		51.0		1.91		TAS				m_e	
TANN	123.86		PKPdf	22:54:02.607	0.9	51.0		1.91		TAS				m_e	
WERD	123.92		PKPdf	22:54:02.684	-0.1	51.0		1.91		TAS				m_e	
WERN	123.98		PKPdf	22:54:03.040	-0.2	51.0		1.91		TAS				m_e	
WET	124.44		PKPdf	22:54:03.870		51.0		1.91		TAS				m_e	
WLF	127.39		PKPdf	22:54:10.078		51.0		1.91		TAS				m_e	

Event 50503010 New Britain, Papua New Guinea, region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/05/03 22:50:49.10 -5.5000 151.9100 60.0 27 122.55 127.38 m i ke EMSC
50503042

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	126.34		PKPdf	23:09:46.279		52.3		1.94		TAS				m_e	
BFO	127.26		PKPdf	23:09:47.611		52.3		1.94		TAS				m_e	
BSEG	122.55		PKPdf	23:09:38.937	0.1	52.3		1.94		TAS				m_e	
CLL	123.03		PKPdf	23:09:39.490	0.1	52.3		1.94		TAS				m_e	
CLZ	123.94		PKPdf	23:09:41.826	0.1	52.3		1.94		TAS				m_e	
FBE	123.09		PKPdf	23:09:40.071	-0.1	52.3		1.94		TAS				m_e	

FLT1	123.21	PKPdf	23:09:39.816	0.2	52.3	1.94	TAS	m_e
FUR	125.87	PKPdf	23:09:45.427		52.3	1.94	TAS	m_e
GEC2	124.18	PKPdf	23:09:41.970	0.2	52.3	1.94	TAS	m_e
GRA1	124.93	PKPdf	23:09:43.370		52.3	1.94	TAS	m_e
GTTG	124.32	PKPdf	23:09:42.449	-0.1	52.3	1.94	TAS	m_e
GUNZ	123.95	PKPdf	23:09:41.731	0.0	52.3	1.94	TAS	m_e
MANZ	124.30	PKPdf	23:09:42.305	-0.1	52.3	1.94	TAS	m_e
MOX	124.13	PKPdf	23:09:41.820	-0.5	52.3	1.94	TAS	m_e
NEUB	123.70	PKPdf	23:09:41.252	-0.1	52.3	1.94	TAS	m_e
NRDL	123.62	PKPdf	23:09:41.209	0.2	52.3	1.94	TAS	m_e
PLN	123.96	PKPdf	23:09:41.587	0.2	52.3	1.94	TAS	m_e
RJOB	125.33	PKPdf	23:09:43.646		52.3	1.94	TAS	m_e
ROTZ	124.39	PKPdf	23:09:42.353	-0.0	52.3	1.94	TAS	m_e
STU	126.54	PKPdf	23:09:46.518		52.3	1.94	TAS	m_e
TANN	123.85	PKPdf	23:09:41.376	0.1	52.3	1.94	TAS	m_e
TNS	125.93	PKPdf	23:09:45.417		52.3	1.94	TAS	m_e
UBR	126.79	PKPdf	23:09:46.758		52.3	1.94	TAS	m_e
WERD	123.91	PKPdf	23:09:41.396	0.1	52.3	1.94	TAS	m_e
WERN	123.98	PKPdf	23:09:41.760	-0.0	52.3	1.94	TAS	m_e
WET	124.43	PKPdf	23:09:42.545	-0.2	52.3	1.94	TAS	m_e
WLF	127.38	PKPdf	23:09:48.829		52.3	1.94	TAS	m_e

Event 50503011 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/03	23:40:59.88			-5.3900	151.7560				42.8			7		122.66	125.70	m i ke	BGR
OrigID 50503017																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	122.66		PKPdf	23:59:48.389	-0.0	49.9		1.94		TAS					m_e
CLL	122.86		PKPdf	23:59:48.607		49.9		1.94		TAS					m_e
FUR	125.70		PKPdf	23:59:54.276		49.9		1.94		TAS					m_e
GEC2	124.00		PKPdf	23:59:51.021		49.9		1.94		TAS					m_e
GRA1	124.76		PKPdf	23:59:52.331		49.9		1.94		TAS					m_e
GRA1	124.76		pPKPdf	00:00:02.260						T__					m_e
MANZ	124.13		PKPdf	23:59:51.422		49.9		1.94		TAS					m_e
WERN	123.81		PKPdf	23:59:50.799		49.9		1.94		TAS					m_e

Event 50504001 South Island, New Zealand

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

2015/05/04 02:29:10.40
50504058

-44.5400 168.8300

5.0

163.49 163.93 m i ke GNS

Magnitude Err Nsta Author OrigID
Ms 5.4 BGR 50504007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	163.93		PKPdf	02:49:12.737		159.9		0.25		TAS				m_e	
GRA1	163.93		PKPab	02:50:09.134		100.4		3.13		TAS				m_e	
GRA1	163.93		L	04:10:05.542						T__		442.6	20.20	a_e Ms	5.3
MOX	163.49		L	04:20:38.058						T__		657.2	19.20	a_e Ms	5.5

Event 50504002 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/04	04:07:35.20		34.2400	25.1200					30.0			34		16.35	23.23	m i ke	EMSC
OrigID																	
50504034																	

Magnitude Err Nsta Author OrigID
mb 4.7 BGR 50504008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	20.96		P	04:12:15.491	0.0	141.1		10.66		TAS		29.3	0.68	m_e mb	4.7
ASSE	20.68		P	04:12:11.717	1.8	141.1		10.66		TAS		43.0	1.52	m_e mb	4.6
BFO	18.84		P	04:11:52.434	1.2	141.1		10.66		TAS		24.2	0.72	m_e mb	4.5
BRG	18.51		P	04:11:48.467	-0.8	141.1		10.66		TAS		11.5	0.87	m_e mb	4.1
BSEG	22.29		P	04:12:27.391		141.1		10.66		TAS		57.6	1.11	m_e mb	4.9
BUG	21.51		P	04:12:21.410	-1.2	141.1		10.66		TAS		53.0	1.10	m_e mb	4.9
CLL	19.19		P	04:11:56.996	-0.4	141.1		10.66		TAS				m_e	
CLZ	20.56		P	04:12:10.773	-0.6	141.1		10.66		TAS		25.3	0.67	m_e mb	4.7
FBE	18.75		P	04:11:51.526	0.7	141.1		10.66		TAS		17.4	0.76	m_e mb	4.4
FLT1	20.65		P	04:12:11.152	2.6	141.1		10.66		TAS		53.0	0.86	m_e mb	4.9
FUR	17.34		P	04:11:35.807	-1.0	141.1		10.66		TAS		84.0	0.63	m_e mb	5.0
GEC2	16.88		Pn	04:11:27.409						T__				m_e	
GEC2	16.88		P	04:11:30.902	-1.1	141.1		10.66		TAS		39.5	0.60	m_e mb	4.7
GRA1	18.53		P	04:11:49.032	-0.5	141.1		10.66		TAS		56.9	1.15	m_e mb	4.7
GTTG	20.48		P	04:12:10.564	-0.5	141.1		10.66		TAS		169.6	0.83	m_e mb	5.3
GUNZ	18.64		P	04:11:50.277	1.1	141.1		10.66		TAS		28.1	1.23	m_e mb	4.4
IBBN	21.94		P	04:12:25.861		141.1		10.66		TAS		50.9	1.04	m_e mb	4.9
KAST	20.84		P	04:12:14.169	-0.4	141.1		10.66		TAS		33.8	0.95	m_e mb	4.7
LNIZ	20.75		P	04:12:12.276	-0.2	141.1		10.66		TAS		141.3	0.52	m_e mb	5.5
MANZ	18.41		P	04:11:47.554	0.2	141.1		10.66		TAS		21.4	0.52	m_e mb	4.5
MOX	19.13		P	04:11:55.393	0.4	141.1		10.66		TAS		17.2	0.65	m_e mb	4.4
NEUB	19.52		P	04:12:00.321	2.0	141.1		10.66		TAS		41.5	0.66	m_e mb	4.8
NRDL	21.18		P	04:12:17.239	-0.3	141.1		10.66		TAS		28.0	0.86	m_e mb	4.6
PLN	18.80		P	04:11:51.961	-0.6	141.1		10.66		TAS		21.0	0.55	m_e mb	4.6

RJOB	16.35	Pn	04:11:19.551							T__				m_e	
RJOB	16.35	P	04:11:26.772	0.2	141.1			10.66		TAS	84.9	0.60	m_e	mb	5.0
RUE	19.96	P	04:12:04.678	0.1	141.1			10.66		TAS	42.5	0.69	m_e	mb	4.8
SKMB	23.23	P	04:12:37.412		141.1			10.66		TAS	87.9	0.69	m_e	mb	5.4
STU	18.73	P	04:11:52.372	-0.4	141.1			10.66		TAS	52.6	1.01	m_e	mb	4.7
TANN	18.63	P	04:11:49.996	0.6	141.1			10.66		TAS	23.3	0.77	m_e	mb	4.5
TNS	20.11	P	04:12:06.310	-0.4	141.1			10.66		TAS	65.5	0.58	m_e	mb	5.1
UBBA	19.90	P	04:12:03.955	-0.1	141.1			10.66		TAS	14.0	0.58	m_e	mb	4.4
UBR	17.53	P	04:11:38.634	0.5	141.1			10.66		TAS	66.4	0.78	m_e	mb	4.8
WERD	18.72	P	04:11:52.043	0.4	141.1			10.66		TAS	25.6	1.04	m_e	mb	4.4
WET	17.44	Pn	04:11:33.843							T__				m_e	
WET	17.44	P	04:11:36.994	-1.1	141.1			10.66		TAS	41.7	0.76	m_e	mb	4.6
WLF	20.80	P	04:12:14.304	0.4	141.1			10.66		TAS	25.3	0.68	m_e	mb	4.7

Event 50504003 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/04	04:25:45.26			-16.2840	-174.2530				33.0			17		144.66	148.10	m i ke	BGR
50504009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.97		PKPbc	04:45:26.253		9.5		3.02		TAS					m_e
FBE	144.91		PKPbc	04:45:17.016	-0.1	9.5		3.02		TAS					m_e
GEC2	146.88		PKPbc	04:45:23.089		9.5		3.02		TAS					m_e
GRA1	146.38		PKPbc	04:45:21.998		9.5		3.02		TAS					m_e
GTTG	144.66		PKPbc	04:45:16.124	-0.2	9.5		3.02		TAS					m_e
GUNZ	145.59		PKPbc	04:45:19.356		9.5		3.02		TAS					m_e
KAST	145.10		PKPbc	04:45:17.469		9.5		3.02		TAS					m_e
MANZ	145.99		PKPbc	04:45:20.557		9.5		3.02		TAS					m_e
MOX	145.40		PKPbc	04:45:18.458		9.5		3.02		TAS					m_e
PLN	145.49		PKPbc	04:45:18.801		9.5		3.02		TAS					m_e
RJOB	148.10		PKPbc	04:45:26.475		9.5		3.02		TAS					m_e
ROTZ	146.19		PKPbc	04:45:21.183		9.5		3.02		TAS					m_e
TANN	145.53		PKPbc	04:45:18.997		9.5		3.02		TAS					m_e
TNS	146.08		PKPbc	04:45:21.500		9.5		3.02		TAS					m_e
UBBA	145.38		PKPbc	04:45:18.206		9.5		3.02		TAS					m_e
WERD	145.51		PKPbc	04:45:18.891		9.5		3.02		TAS					m_e
WERN	145.66		PKPbc	04:45:19.660		9.5		3.02		TAS					m_e

Event 50504004 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2015/05/04 11:30:48.96 26.6880 59.0980 43.8 9 41.38 44.86 m i ke BGR
 50504010

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 50504010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	44.86		P	11:39:02.280		104.1		8.09		TAS		21.5	1.08	m_e	mb 5.0
CLL	42.51		P	11:38:43.989	-0.2	104.1		8.09		TAS		9.8	0.82	m_e	mb 4.6
CLZ	44.23		P	11:38:57.587		104.1		8.09		TAS		18.9	1.40	m_e	mb 4.6
FLT1	43.86		P	11:38:54.099		104.1		8.09		TAS		17.6	0.86	m_e	mb 4.8
GEC2	41.38		P	11:38:34.696	-0.3	104.1		8.09		TAS		11.8	0.99	m_e	mb 4.6
GRA1	43.16		P	11:38:49.343		104.1		8.09		TAS		9.2	0.77	m_e	mb 4.6
GRA1	43.16		pP	11:39:01.015						T__				m_e	
NRDL	44.57		P	11:39:00.402		104.1		8.09		TAS		21.2	1.33	m_e	mb 4.9
RJOB	41.69		P	11:38:37.297	0.0	104.1		8.09		TAS		48.5	0.63	m_e	mb 5.4
ROTZ	42.56		P	11:38:45.155	0.1	104.1		8.09		TAS		4.9	0.88	m_e	mb 4.2

Event 50504005 North of Ascension Island

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/05/04 21:02:49.33 -3.0860 -12.5360 10.0 56.43 56.43 m i ke BGR
 50504011

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 50504011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	56.43		P	21:12:32.589		211.1		7.65		TAS		8.1	1.09	m_e	mb 4.7

Event 50505001 New Britain, Papua New Guinea, region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/05/05 01:44:04.80 -5.4400 151.9700 31.0 29 122.52 127.35 m i ke EMSC
 50505033

Magnitude Err Nsta Author OrigID
 Ms 7.5 BGR 50505007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	126.31		PKPdf	02:03:05.604		53.0		1.90		TAS				m_e	
ASSE	123.58		PKPdf	02:03:00.172	0.0	53.0		1.90		TAS				m_e	

BFO	127.24	PKPdf	02:03:06.690		53.0	1.90	TAS									m_e
BRG	122.81	PKPdf	02:02:58.663	-0.0	53.0	1.90	TAS									m_e
BSEG	122.52	PKPdf	02:02:58.422	-0.1	53.0	1.90	TAS									m_e
CLZ	123.91	PKPdf	02:03:01.077	0.2	53.0	1.90	TAS									m_e
FLT1	123.19	PKPdf	02:02:59.231	0.1	53.0	1.90	TAS									m_e
FUR	125.85	PKPdf	02:03:04.216		53.0	1.90	TAS									m_e
GEC2	124.16	PKPdf	02:03:01.188	-0.2	53.0	1.90	TAS									m_e
GRA1	124.91	PKPdf	02:03:02.358	0.1	53.0	1.90	TAS									m_e
GRA1	124.91	SKKPbc	02:16:46.834		223.5	4.75	TAS									m_e
GRA1	124.91	L	03:04:45.305				T__	95755.1	21.50	a_e	Ms					7.4
GTTG	124.30	PKPdf	02:03:01.802	0.1	53.0	1.90	TAS									m_e
GUNZ	123.93	PKPdf	02:03:00.837	0.1	53.0	1.90	TAS									m_e
IBBN	124.76	PKPdf	02:03:02.511	0.1	53.0	1.90	TAS									m_e
KAST	125.24	PKPdf	02:03:03.612	-0.0	53.0	1.90	TAS									m_e
MANZ	124.28	PKPdf	02:03:01.560	-0.2	53.0	1.90	TAS									m_e
MOX	124.10	PKPdf	02:03:01.077	-0.3	53.0	1.90	TAS									m_e
MOX	124.10	L	02:59:22.850				T__	151238.0	22.00	a_e	Ms					7.6
NEUB	123.67	PKPdf	02:03:00.595	-0.0	53.0	1.90	TAS									m_e
NRDL	123.59	PKPdf	02:03:00.353	0.4	53.0	1.90	TAS									m_e
PLN	123.94	PKPdf	02:03:00.775	-0.1	53.0	1.90	TAS									m_e
RJOB	125.31	PKPdf	02:03:02.828	-0.3	53.0	1.90	TAS									m_e
ROTZ	124.37	PKPdf	02:03:01.379	-0.4	53.0	1.90	TAS									m_e
STU	126.52	PKPdf	02:03:05.724		53.0	1.90	TAS									m_e
TANN	123.83	PKPdf	02:03:00.531	0.1	53.0	1.90	TAS									m_e
TNS	125.90	PKPdf	02:03:04.698		53.0	1.90	TAS									m_e
UBBA	124.77	PKPdf	02:03:02.224	0.1	53.0	1.90	TAS									m_e
UBR	126.77	PKPdf	02:03:05.993		53.0	1.90	TAS									m_e
WERN	123.95	PKPdf	02:03:01.138	0.2	53.0	1.90	TAS									m_e
WET	124.41	PKPdf	02:03:01.741	-0.1	53.0	1.90	TAS									m_e
WLF	127.35	PKPdf	02:03:07.957		53.0	1.90	TAS									m_e

Event 50505002 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/05	01:54:05.10			-5.3100	152.0100				65.0					124.82	124.82	m i ke	NEIC
50505041																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	124.82		PKPdf	02:12:59.129		50.1		1.27		TAS					m_e

Event 50505003 New Britain, Papua New Guinea, region

./2015/bul1505.txt

Thu Apr 23 08:38:25 2020

20

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/05	02:06:56.50			-5.3500	152.8800				33.0				6	123.18	125.28	m i ke	GSRC
OrigID																	
50505086																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	123.18		PKPdf	02:25:52.674		54.7		1.93		TAS					m_e
CLL	123.37		PKPdf	02:25:52.844		54.7		1.93		TAS					m_e
CLZ	124.25		PKPdf	02:25:55.121		54.7		1.93		TAS					m_e
GRA1	125.28		PKPdf	02:25:56.573		54.7		1.93		TAS					m_e
PLN	124.31		PKPdf	02:25:54.818		54.7		1.93		TAS					m_e
TANN	124.20		PKPdf	02:25:54.643		54.7		1.93		TAS					m_e

Event 50505004 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/05	02:44:22.60			-14.2000	167.3200				200.0					139.57	139.57	m i ke	GSRC
OrigID																	
50505087																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	139.57		PKPdf	03:03:27.745		37.3		1.14		TAS					m_e

Event 50505005 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/05	03:55:51.80			-5.5300	152.3300				52.0				27	122.76	127.60	m i ke	NEIC
OrigID																	
50505059																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	123.83		PKPdf	04:14:46.037	0.1	51.6		1.95		TAS					m_e
BFO	127.50		PKPdf	04:14:52.596		51.6		1.95		TAS					m_e
BRG	123.06		PKPdf	04:14:44.215	-0.1	51.6		1.95		TAS					m_e
BSEG	122.76		PKPdf	04:14:43.972	0.1	51.6		1.95		TAS					m_e
BUG	125.83		PKPdf	04:14:49.681		51.6		1.95		TAS					m_e
CLL	123.26		PKPdf	04:14:44.506	0.0	51.6		1.95		TAS					m_e
CLZ	124.16		PKPdf	04:14:46.767	0.2	51.6		1.95		TAS					m_e
FLT1	123.43		PKPdf	04:14:44.840	0.2	51.6		1.95		TAS					m_e

FUR	126.12	PKPdf	04:14:50.237		51.6	1.95	TAS	m_e
GEC2	124.43	PKPdf	04:14:46.765	0.0	51.6	1.95	TAS	m_e
GRA1	125.17	PKPdf	04:14:48.209	0.5	51.6	1.95	TAS	m_e
GUNZ	124.19	PKPdf	04:14:46.620	-0.0	51.6	1.95	TAS	m_e
KAST	125.48	PKPdf	04:14:49.151		51.6	1.95	TAS	m_e
MANZ	124.54	PKPdf	04:14:47.276	-0.2	51.6	1.95	TAS	m_e
MOX	124.36	PKPdf	04:14:46.547	-0.1	51.6	1.95	TAS	m_e
NEUB	123.93	PKPdf	04:14:45.891	-0.2	51.6	1.95	TAS	m_e
NRDL	123.83	PKPdf	04:14:46.063	0.2	51.6	1.95	TAS	m_e
PLN	124.19	PKPdf	04:14:46.509	0.2	51.6	1.95	TAS	m_e
ROTZ	124.63	PKPdf	04:14:47.234	-0.1	51.6	1.95	TAS	m_e
STU	126.77	PKPdf	04:14:51.514		51.6	1.95	TAS	m_e
TANN	124.09	PKPdf	04:14:46.255	-0.1	51.6	1.95	TAS	m_e
TNS	126.15	PKPdf	04:14:50.264		51.6	1.95	TAS	m_e
UBBA	125.02	PKPdf	04:14:47.932	-0.3	51.6	1.95	TAS	m_e
UBR	127.03	PKPdf	04:14:51.722		51.6	1.95	TAS	m_e
WERN	124.21	PKPdf	04:14:46.693	-0.2	51.6	1.95	TAS	m_e
WET	124.67	PKPdf	04:14:47.515	0.0	51.6	1.95	TAS	m_e
WLF	127.60	PKPdf	04:14:53.761		51.6	1.95	TAS	m_e

Event 50505006 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/05	08:02:44.24			-20.4560	169.3610				166.4			19		142.94	148.27	m i ke	BGR
OrigID 50505012																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.87		PKPbc	08:22:05.787		38.6		3.09		TAS					m_e
BFO	148.27		PKPbc	08:22:10.110		38.6		3.09		TAS					m_e
BRG	144.00		SKPbc	08:25:23.858	0.1	34.8		2.30		TAS					m_e
BSEG	142.94		SKPbc	08:25:20.868	-0.1	34.8		2.30		TAS					m_e
CLL	144.06		SKPbc	08:25:23.688	0.1	34.8		2.30		TAS					m_e
CLZ	144.64		PKPbc	08:21:59.831	0.1	38.6		3.09		TAS					m_e
CLZ	144.64		SKPbc	08:25:25.430	0.1	34.8		2.30		TAS					m_e
FLT1	143.93		SKPbc	08:25:23.230	0.1	34.8		2.30		TAS					m_e
FUR	147.19		PKPbc	08:22:07.262		38.6		3.09		TAS					m_e
GEC2	145.61		PKPbc	08:22:02.082		38.6		3.09		TAS					m_e
GEC2	145.61		SKPbc	08:25:27.732		34.8		2.30		TAS					m_e
GRA1	146.03		PKPbc	08:22:03.783		38.6		3.09		TAS					m_e
GRA1	146.03		pPKPbc	08:22:46.835						T__					m_e
GTTG	145.03		SKPbc	08:25:26.135	-0.1	34.8		2.30		TAS					m_e
GUNZ	145.06		PKPbc	08:22:00.577	0.4	38.6		3.09		TAS					m_e
GUNZ	145.06		SKPbc	08:25:26.427	0.1	34.8		2.30		TAS					m_e
IBBN	145.14		PKPbc	08:22:01.170		38.6		3.09		TAS					m_e

KAST	145.86	SKPbc	08:25:27.997		34.8		2.30	TAS		m_e
MANZ	145.44	PKPbc	08:22:01.714		38.6		3.09	TAS		m_e
MANZ	145.44	SKPbc	08:25:27.301		34.8		2.30	TAS		m_e
MOX	145.13	PKPbc	08:22:00.400	0.2	38.6		3.09	TAS		m_e
MOX	145.13	SKPbc	08:25:26.286		34.8		2.30	TAS		m_e
NEUB	144.64	SKPbc	08:25:25.262	-0.1	34.8		2.30	TAS		m_e
NRDL	144.20	SKPbc	08:25:23.940	0.2	34.8		2.30	TAS		m_e
PLN	145.04	PKPbc	08:22:00.079	-0.6	38.6		3.09	TAS		m_e
PLN	145.04	SKPbc	08:25:26.266	0.1	34.8		2.30	TAS		m_e
RJOB	146.83	PKPbc	08:22:06.219		38.6		3.09	TAS		m_e
ROTZ	145.57	PKPbc	08:22:02.304		38.6		3.09	TAS		m_e
ROTZ	145.57	SKPbc	08:25:27.569		34.8		2.30	TAS		m_e
STU	147.58	PKPbc	08:22:08.689		38.6		3.09	TAS		m_e
TANN	144.97	PKPbc	08:21:59.989	0.1	38.6		3.09	TAS		m_e
TANN	144.97	SKPbc	08:25:26.189	0.1	34.8		2.30	TAS		m_e
TNS	146.67	PKPbc	08:22:05.659		38.6		3.09	TAS		m_e
UBR	148.07	PKPbc	08:22:09.747		38.6		3.09	TAS		m_e
UBR	148.07	SKPbc	08:25:32.868		34.8		2.30	TAS		m_e
WERN	145.10	PKPbc	08:22:00.678	-0.1	38.6		3.09	TAS		m_e
WERN	145.10	SKPbc	08:25:26.484	-0.4	34.8		2.30	TAS		m_e
WET	145.76	PKPbc	08:22:02.844		38.6		3.09	TAS		m_e
WET	145.76	SKPbc	08:25:28.164		34.8		2.30	TAS		m_e
WLF	147.93	PKPbc	08:22:09.881		38.6		3.09	TAS		m_e

Event 50505007 Mid-Indian Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/05	20:01:15.30			-15.3900	67.1100				5.0					81.33	81.33	m i ke	NEIC
50505046																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50505013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.33		P	20:13:36.623		126.1		6.39		TAS		16.3	1.36	m_e mb	4.9

Event 50505008 Mid-Indian Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/05	20:24:19.70			-16.5900	67.7600				10.0					82.67	82.67	m i ke	GFZ
50505060																	

Magnitude	Err	Nsta	Author	OrigID
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mb 5.0 BGR 50505014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.67		P	20:36:42.902		126.2		6.60		TAS		17.0	1.55	m_e mb	5.0

Event 50505009 Mid-Indian Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/05	20:53:28.24			-13.7610	66.8610				10.0					79.84	79.84	m i ke	BGR
OrigID 50505015																	

Magnitude	Err	Nsta	Author	OrigID
mb 4.9			BGR	50505015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.84		P	21:05:38.157		125.5		6.30		TAS		16.9	1.19	m_e mb	4.9

Event 50505010 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/05	21:28:31.30			35.2900	58.4900				10.0					37.08	37.08	m i ke	NEIC
OrigID 50505049																	

Magnitude	Err	Nsta	Author	OrigID
mb 4.7			BGR	50505016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	37.08		P	21:35:47.557		94.6		8.80		TAS		29.3	1.76	m_e mb	4.7
GRA1	37.08		PP	21:37:06.104		301.7		9.21		TAS				m_e	

Event 50506001 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/06	03:17:16.40			-5.5500	152.6400				46.0				25	122.91	127.76	m i ke	NEIC
OrigID 50506040																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	123.98		pPKPdf	03:36:20.893	-0.1	51.6		1.98		TAS				m_e	

2015/05/06 03:49:53.80 34.5900 25.0300 11.0 15 16.54 21.94 m i ke THE
50506080

Magnitude Err Nsta Author OrigID
mb 4.2 BGR 50506008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	18.16		P	03:54:01.670	-0.3	140.3		10.73		TAS		5.0	0.90	m_e	mb 3.6
BSEG	21.94		P	03:54:41.007		140.3		10.73		TAS		12.6	0.79	m_e	mb 4.4
BUG	21.17		P	03:54:34.111		140.3		10.73		TAS		29.4	0.95	m_e	mb 4.6
CLL	18.84		P	03:54:08.396		140.3		10.73		TAS		7.7	0.79	m_e	mb 4.0
FLT1	20.30		P	03:54:24.589		140.3		10.73		TAS		13.2	0.71	m_e	mb 4.3
FUR	17.00		P	03:53:49.273	-0.7	140.3		10.73		TAS		31.2	0.93	m_e	mb 4.4
GEC2	16.54		Pn	03:53:40.989						T__				m_e	
GEC2	16.54		P	03:53:44.255	-0.4	140.3		10.73		TAS		14.9	0.78	m_e	mb 4.2
GRA1	18.19		P	03:54:02.412	-0.0	140.3		10.73		TAS		41.1	0.93	m_e	mb 4.5
GTTG	20.14		P	03:54:23.819		140.3		10.73		TAS		19.8	0.64	m_e	mb 4.5
KAST	20.51		P	03:54:27.720		140.3		10.73		TAS		12.8	0.96	m_e	mb 4.2
MANZ	18.07		P	03:54:01.209	-0.2	140.3		10.73		TAS		9.9	1.10	m_e	mb 3.9
MOX	18.79		P	03:54:08.501		140.3		10.73		TAS		9.2	0.85	m_e	mb 4.0
NRDL	20.84		P	03:54:30.467		140.3		10.73		TAS		16.9	1.06	m_e	mb 4.3
UBR	17.20		P	03:53:51.968	0.1	140.3		10.73		TAS		12.9	0.89	m_e	mb 4.1
WET	17.09		P	03:53:50.042	0.8	140.3		10.73		TAS		13.0	0.95	m_e	mb 4.0

Event 50506004 South of Fiji Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/05/06 12:08:40.76 -24.3850 179.1530 614.7 0.1 28 148.08 155.17 m i ke BGR
50506010

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	153.18		PKPdf	12:27:21.637		28.3		1.35		TAS				m_e	
AHRW	153.18		PKPab	12:27:47.596	0.3	24.3		4.27		TAS				m_e	
ASSE	150.93		PKPdf	12:27:18.284	0.0	28.3		1.35		TAS				m_e	
ASSE	150.93		PKPbc	12:27:25.315	-0.0	24.8		2.16		TAS				m_e	
ASSE	150.93		PKPab	12:27:37.907	-0.1	24.3		4.27		TAS				m_e	
BFO	155.02		PKPab	12:27:55.577		24.3		4.27		TAS				m_e	
BRG	151.19		PKPdf	12:27:18.617	0.1	28.3		1.35		TAS				m_e	
BRG	151.19		PKPbc	12:27:25.964	0.4	24.8		2.16		TAS				m_e	
BRG	151.19		PKPab	12:27:38.866	0.3	24.3		4.27		TAS				m_e	
BRG	151.19		pPKPbc	12:29:46.434						T__				m_e	
BSEG	149.32		PKPbc	12:27:21.972	-0.1	24.8		2.16		TAS				m_e	
BSEG	149.32		PKPab	12:27:31.308	-0.2	24.3		4.27		TAS				m_e	
BUG	152.28		PKPbc	12:27:28.062	0.2	24.8		2.16		TAS				m_e	

BUG	152.28	PKPab	12:27:43.524	0.2	24.3	4.27	TAS	m_e
CLL	151.08	PKPdf	12:27:18.237	-0.1	28.3	1.35	TAS	m_e
CLL	151.08	PKPbc	12:27:25.585	0.1	24.8	2.16	TAS	m_e
CLL	151.08	PKPab	12:27:38.314	-0.0	24.3	4.27	TAS	m_e
CLL	151.08	pPKPbc	12:29:46.104				T__	m_e
CLZ	151.27	PKPdf	12:27:19.168	0.2	28.3	1.35	TAS	m_e
CLZ	151.27	PKPbc	12:27:26.497	-0.1	24.8	2.16	TAS	m_e
CLZ	151.27	PKPab	12:27:39.765	-0.0	24.3	4.27	TAS	m_e
FLT1	150.61	PKPdf	12:27:17.855	-0.1	28.3	1.35	TAS	m_e
FLT1	150.61	PKPbc	12:27:24.565	0.1	24.8	2.16	TAS	m_e
FLT1	150.61	PKPab	12:27:36.227	-0.2	24.3	4.27	TAS	m_e
FUR	154.40	PKPab	12:27:53.092		24.3	4.27	TAS	m_e
GEC2	153.03	PKPdf	12:27:21.020		28.3	1.35	TAS	m_e
GEC2	153.03	PKPbc	12:27:29.650	0.2	24.8	2.16	TAS	m_e
GEC2	153.03	PKPab	12:27:46.540	0.0	24.3	4.27	TAS	m_e
GRA1	153.03	PKPdf	12:27:21.026		28.3	1.35	TAS	m_e
GRA1	153.03	PKPbc	12:27:29.697		24.8	2.16	TAS	m_e
GRA1	153.03	PKPab	12:27:47.311	-0.1	24.3	4.27	TAS	m_e
GTTG	151.64	PKPdf	12:27:19.305	-0.1	28.3	1.35	TAS	m_e
GTTG	151.64	PKPbc	12:27:26.956	0.1	24.8	2.16	TAS	m_e
GTTG	151.64	PKPab	12:27:41.299	0.0	24.3	4.27	TAS	m_e
GUNZ	152.12	PKPdf	12:27:19.921	0.1	28.3	1.35	TAS	m_e
GUNZ	152.12	PKPbc	12:27:28.068	-0.4	24.8	2.16	TAS	m_e
GUNZ	152.12	PKPab	12:27:43.276	-0.2	24.3	4.27	TAS	m_e
IBBN	151.36	PKPbc	12:27:26.463	0.2	24.8	2.16	TAS	m_e
IBBN	151.36	PKPab	12:27:40.170	0.1	24.3	4.27	TAS	m_e
KAST	152.29	PKPdf	12:27:20.373		28.3	1.35	TAS	m_e
KAST	152.29	PKPbc	12:27:28.480	-0.1	24.8	2.16	TAS	m_e
KAST	152.29	PKPab	12:27:43.667	-0.7	24.3	4.27	TAS	m_e
LNIZ	148.80	PKPbc	12:27:20.830	0.1	24.8	2.16	TAS	m_e
MANZ	152.52	PKPdf	12:27:20.420		28.3	1.35	TAS	m_e
MANZ	152.52	PKPbc	12:27:28.865	-0.0	24.8	2.16	TAS	m_e
MANZ	152.52	PKPab	12:27:44.675	0.4	24.3	4.27	TAS	m_e
MOX	152.06	PKPdf	12:27:19.733	0.0	28.3	1.35	TAS	m_e
MOX	152.06	PKPbc	12:27:27.729	0.1	24.8	2.16	TAS	m_e
MOX	152.06	PKPab	12:27:42.719	-0.3	24.3	4.27	TAS	m_e
NEUB	151.52	PKPbc	12:27:26.805	0.1	24.8	2.16	TAS	m_e
NEUB	151.52	PKPab	12:27:40.387	0.1	24.3	4.27	TAS	m_e
NRDL	150.72	PKPdf	12:27:18.176	-0.0	28.3	1.35	TAS	m_e
NRDL	150.72	PKPbc	12:27:25.024	-0.0	24.8	2.16	TAS	m_e
NRDL	150.72	PKPab	12:27:36.931	0.3	24.3	4.27	TAS	m_e
PLN	152.06	PKPdf	12:27:19.787	-0.1	28.3	1.35	TAS	m_e
PLN	152.06	PKPbc	12:27:27.790	0.2	24.8	2.16	TAS	m_e
PLN	152.06	PKPab	12:27:42.773	-0.6	24.3	4.27	TAS	m_e
RGN	148.08	PKPbc	12:27:18.884	-0.3	24.8	2.16	TAS	m_e
RJOB	154.30	PKPab	12:27:52.450		24.3	4.27	TAS	m_e
ROTZ	152.69	PKPdf	12:27:20.523		28.3	1.35	TAS	m_e
ROTZ	152.69	PKPbc	12:27:28.923	-0.1	24.8	2.16	TAS	m_e
ROTZ	152.69	PKPab	12:27:45.643	-0.3	24.3	4.27	TAS	m_e

RUE	149.82	PKPbc	12:27:22.792	-0.1	24.8	2.16	TAS	m_e
SKMB	148.75	PKPbc	12:27:20.963	0.0	24.8	2.16	TAS	m_e
SKMB	148.75	PKPab	12:27:29.572	0.1	24.3	4.27	TAS	m_e
STU	154.41	PKPdf	12:27:23.180		28.3	1.35	TAS	m_e
STU	154.41	PKPab	12:27:52.954		24.3	4.27	TAS	m_e
TANN	152.04	PKPdf	12:27:19.687	0.0	28.3	1.35	TAS	m_e
TANN	152.04	PKPbc	12:27:27.719	0.1	24.8	2.16	TAS	m_e
TANN	152.04	PKPab	12:27:42.621	0.3	24.3	4.27	TAS	m_e
TNS	153.21	PKPdf	12:27:21.595		28.3	1.35	TAS	m_e
TNS	153.21	PKPbc	12:27:30.502		24.8	2.16	TAS	m_e
TNS	153.21	PKPab	12:27:47.830	0.2	24.3	4.27	TAS	m_e
UBBA	152.31	PKPab	12:27:43.657	-0.1	24.3	4.27	TAS	m_e
UBR	155.17	PKPdf	12:27:23.841		28.3	1.35	TAS	m_e
UBR	155.17	PKPbc	12:27:34.129		24.8	2.16	TAS	m_e
WERD	152.05	PKPab	12:27:42.767	0.3	24.3	4.27	TAS	m_e
WERN	152.18	PKPdf	12:27:20.073	-0.1	28.3	1.35	TAS	m_e
WERN	152.18	PKPbc	12:27:28.074	0.1	24.8	2.16	TAS	m_e
WERN	152.18	PKPab	12:27:43.568	-0.0	24.3	4.27	TAS	m_e
WET	153.04	PKPbc	12:27:29.822	-0.2	24.8	2.16	TAS	m_e
WET	153.04	PKPab	12:27:46.994	0.1	24.3	4.27	TAS	m_e
WLF	154.18	PKPab	12:27:52.466	0.1	24.3	4.27	TAS	m_e

Event 50506005 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/06	21:51:27.93			-19.5160	171.5860			40.3		1.0		13		144.92	147.74	m i ke	BGR
50506011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	145.83		PKPbc	22:11:01.524		34.5		3.35		TAS					m_e
GEC2	145.75		PKPbc	22:11:00.982		34.5		3.35		TAS					m_e
GEC2	145.75		pPKPbc	22:11:13.044		36.8		3.21		TAS					m_e
GRA1	146.04		PKPbc	22:11:02.698		34.5		3.35		TAS					m_e
GRA1	146.04		pPKPbc	22:11:14.644		36.8		3.21		TAS					m_e
GUNZ	145.08		PKPbc	22:10:59.549		34.5		3.35		TAS					m_e
IBBN	144.92		PKPbc	22:10:59.266		34.5		3.35		TAS					m_e
KAST	145.70		pPKPbc	22:11:13.638		36.8		3.21		TAS					m_e
MANZ	145.47		PKPbc	22:11:00.631		34.5		3.35		TAS					m_e
MANZ	145.47		pPKPbc	22:11:12.857		36.8		3.21		TAS					m_e
MOX	145.12		PKPbc	22:10:59.020		34.5		3.35		TAS					m_e
MOX	145.12		pPKPbc	22:11:11.374		36.8		3.21		TAS					m_e
PLN	145.05		PKPbc	22:10:59.266		34.5		3.35		TAS					m_e
PLN	145.05		pPKPbc	22:11:11.353		36.8		3.21		TAS					m_e
ROTZ	145.61		PKPbc	22:11:01.217		34.5		3.35		TAS					m_e

ROTZ	145.61	pPKPbc	22:11:13.085	36.8	3.21	TAS	m_e
TANN	144.99	PKPbc	22:10:58.697	34.5	3.35	TAS	m_e
TANN	144.99	pPKPbc	22:11:10.925	36.8	3.21	TAS	m_e
WERD	145.02	PKPbc	22:10:59.102	34.5	3.35	TAS	m_e
WERN	145.13	PKPbc	22:10:59.838	34.5	3.35	TAS	m_e
WERN	145.13	pPKPbc	22:11:11.685	36.8	3.21	TAS	m_e
WLF	147.74	PKPbc	22:11:08.679	34.5	3.35	TAS	m_e
WLF	147.74	pPKPbc	22:11:20.608	36.8	3.21	TAS	m_e

Event 50506006 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/06	22:16:37.50			-14.4200	166.6900				37.0			21		136.34	141.75	m i ke	NEIC
OrigID 50506045																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.6		BGR	50506012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	140.36		SKPbc	22:39:37.386		35.6		2.65		TAS				m_e	
BFO	141.75		SKPbc	22:39:41.051		35.6		2.65		TAS				m_e	
BRG	137.49		SKPbc	22:39:29.874	0.4	35.6		2.65		TAS				m_e	
BSEG	136.42		SKPbc	22:39:26.768	0.1	35.6		2.65		TAS				m_e	
CLZ	138.12		SKPbc	22:39:32.036	0.2	35.6		2.65		TAS				m_e	
FLT1	137.41		SKPbc	22:39:29.357	0.1	35.6		2.65		TAS				m_e	
GEC2	139.11		SKPbc	22:39:34.620		35.6		2.65		TAS				m_e	
GRA1	139.52		PKPdf	22:36:01.342		45.3		1.38		TAS				m_e	
GRA1	139.52		SKPbc	22:39:35.846		35.6		2.65		TAS				m_e	
GRA1	139.52		L	23:31:25.469						T__		98.2	21.20	a_e Ms	4.5
GTTG	138.51		SKPbc	22:39:33.040	0.1	35.6		2.65		TAS				m_e	
GUNZ	138.54		SKPbc	22:39:33.402	-0.6	35.6		2.65		TAS				m_e	
IBBN	138.63		SKPbc	22:39:32.961		35.6		2.65		TAS				m_e	
MANZ	138.93		SKPbc	22:39:34.194		35.6		2.65		TAS				m_e	
MOX	138.61		L	23:39:09.036						T__		116.3	20.00	a_e Ms	4.6
NEUB	138.12		SKPbc	22:39:31.694	-0.1	35.6		2.65		TAS				m_e	
NRDL	137.68		SKPbc	22:39:30.582	0.5	35.6		2.65		TAS				m_e	
PLN	138.52		SKPbc	22:39:32.993	0.4	35.6		2.65		TAS				m_e	
RJOB	140.34		SKPbc	22:39:37.461		35.6		2.65		TAS				m_e	
ROTZ	139.06		SKPbc	22:39:34.352		35.6		2.65		TAS				m_e	
RUE	136.34		SKPbc	22:39:26.782	-0.3	35.6		2.65		TAS				m_e	
WERD	138.49		SKPbc	22:39:32.900	-0.1	35.6		2.65		TAS				m_e	
WERN	138.59		SKPbc	22:39:33.391	-0.2	35.6		2.65		TAS				m_e	
WET	139.25		SKPbc	22:39:35.046		35.6		2.65		TAS				m_e	

Event 50507004 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/07	07:10:22.00			-7.2300	154.5500				23.0			31		124.68	130.10	m i ke	NEIC
OrigID 50507043																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.7		BGR	50507010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	129.05		PKPdf	07:29:28.574		49.7		1.94		TAS					m_e
ASSE	126.33		PKPdf	07:29:23.047	0.2	49.7		1.94		TAS					m_e
BFO	130.05		PKPdf	07:29:30.121		49.7		1.94		TAS					m_e
BRG	125.63		PKPdf	07:29:21.976	-0.1	49.7		1.94		TAS					m_e
BSEG	125.23		PKPdf	07:29:21.150	-0.3	49.7		1.94		TAS					m_e
BUG	128.31		PKPdf	07:29:27.149	-0.3	49.7		1.94		TAS					m_e
CLL	125.81		PKPdf	07:29:21.922	-0.2	49.7		1.94		TAS					m_e
CLZ	126.67		PKPdf	07:29:24.149	0.4	49.7		1.94		TAS					m_e
FLT1	125.94		PKPdf	07:29:22.216	-0.1	49.7		1.94		TAS					m_e
GEC2	127.02		PKPdf	07:29:24.495	0.1	49.7		1.94		TAS					m_e
GRA1	127.72		PKPdf	07:29:25.776	0.1	49.7		1.94		TAS					m_e
GRA1	127.72		PP	07:31:33.926		44.9		6.01		TAS					m_e
GRA1	127.72		L	08:32:10.407						T__		16106.5	21.80	a_e Ms	6.7
GTTG	127.05		PKPdf	07:29:24.737	-0.1	49.7		1.94		TAS					m_e
GUNZ	126.74		PKPdf	07:29:24.080	0.0	49.7		1.94		TAS					m_e
IBBN	127.47		PKPdf	07:29:25.602	-0.3	49.7		1.94		TAS					m_e
KAST	127.99		PKPdf	07:29:26.513	-0.0	49.7		1.94		TAS					m_e
MANZ	127.10		PKPdf	07:29:24.697	-0.2	49.7		1.94		TAS					m_e
MOX	126.90		PKPdf	07:29:24.149	0.0	49.7		1.94		TAS					m_e
MOX	126.90		L	08:26:27.831						T__		19220.0	21.20	a_e Ms	6.7
NEUB	126.46		PKPdf	07:29:23.321	0.1	49.7		1.94		TAS					m_e
NRDL	126.33		PKPdf	07:29:23.242	0.1	49.7		1.94		TAS					m_e
PLN	126.75		PKPdf	07:29:24.011	0.1	49.7		1.94		TAS					m_e
RJOB	128.19		PKPdf	07:29:26.361	0.3	49.7		1.94		TAS					m_e
ROTZ	127.19		PKPdf	07:29:24.799	-0.1	49.7		1.94		TAS					m_e
RUE	124.68		PKPdf	07:29:20.310	0.2	49.7		1.94		TAS					m_e
STU	129.33		PKPdf	07:29:29.297		49.7		1.94		TAS					m_e
TANN	126.65		PKPdf	07:29:23.896	0.1	49.7		1.94		TAS					m_e
TNS	128.67		PKPdf	07:29:27.905	-0.2	49.7		1.94		TAS					m_e
UBBA	127.54		PKPdf	07:29:25.360	-0.1	49.7		1.94		TAS					m_e
UBR	129.61		PKPdf	07:29:29.195		49.7		1.94		TAS					m_e
WERN	126.77		PKPdf	07:29:24.357	0.1	49.7		1.94		TAS					m_e
WET	127.26		PKPdf	07:29:24.975	0.0	49.7		1.94		TAS					m_e
WLF	130.10		PKPdf	07:29:31.029		49.7		1.94		TAS					m_e

Event 50507006 Bougainville - Solomon Islands region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/05/07 11:33:00.40 -7.0600 154.3900 10.0 29 125.01 129.88 m i ke NEIC
 50507045

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	128.83		PKPdf	11:52:08.954		49.9		1.96		TAS					m_e
ASSE	126.11		PKPdf	11:52:03.476	0.1	49.9		1.96		TAS					m_e
BRG	125.40		PKPdf	11:52:02.173	-0.1	49.9		1.96		TAS					m_e
BSEG	125.01		PKPdf	11:52:01.420	-0.1	49.9		1.96		TAS					m_e
BUG	128.09		PKPdf	11:52:07.282		49.9		1.96		TAS					m_e
CLL	125.58		PKPdf	11:52:02.309	0.1	49.9		1.96		TAS					m_e
CLZ	126.44		PKPdf	11:52:04.565	0.3	49.9		1.96		TAS					m_e
FLT1	125.72		PKPdf	11:52:02.566	0.3	49.9		1.96		TAS					m_e
FUR	128.48		PKPdf	11:52:08.202		49.9		1.96		TAS					m_e
GEC2	126.80		PKPdf	11:52:04.688	-0.1	49.9		1.96		TAS					m_e
GRA1	127.50		PKPdf	11:52:06.040	0.4	49.9		1.96		TAS					m_e
GTTG	126.83		PKPdf	11:52:05.331	-0.4	49.9		1.96		TAS					m_e
GUNZ	126.52		PKPdf	11:52:04.495	0.0	49.9		1.96		TAS					m_e
IBBN	127.25		PKPdf	11:52:05.762	-0.3	49.9		1.96		TAS					m_e
KAST	127.76		PKPdf	11:52:06.938		49.9		1.96		TAS					m_e
MANZ	126.87		PKPdf	11:52:04.979	0.1	49.9		1.96		TAS					m_e
MOX	126.68		PKPdf	11:52:04.387	-0.2	49.9		1.96		TAS					m_e
NEUB	126.24		PKPdf	11:52:03.669	-0.2	49.9		1.96		TAS					m_e
NRDL	126.11		PKPdf	11:52:03.660	0.3	49.9		1.96		TAS					m_e
PLN	126.52		PKPdf	11:52:04.298	0.2	49.9		1.96		TAS					m_e
RJOB	127.96		PKPdf	11:52:06.577		49.9		1.96		TAS					m_e
ROTZ	126.97		PKPdf	11:52:05.124	-0.3	49.9		1.96		TAS					m_e
TANN	126.42		PKPdf	11:52:04.134	-0.1	49.9		1.96		TAS					m_e
UBBA	127.32		PKPdf	11:52:05.597	0.0	49.9		1.96		TAS					m_e
UBR	129.39		PKPdf	11:52:09.528		49.9		1.96		TAS					m_e
WERD	126.48		PKPdf	11:52:04.294	0.1	49.9		1.96		TAS					m_e
WERN	126.55		PKPdf	11:52:04.562	-0.3	49.9		1.96		TAS					m_e
WET	127.03		PKPdf	11:52:05.371	0.2	49.9		1.96		TAS					m_e
WLF	129.88		PKPdf	11:52:11.413		49.9		1.96		TAS					m_e

Event 50507008 Tonga Islands region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/05/07 19:54:11.24 -18.8370 -172.3080 33.0 17 146.36 151.16 m i ke BGR
 50507014

Magnitude Err Nsta Author OrigID

Ms 4.9 BGR 50507014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.70		PKPbc	20:13:48.485	-0.0	6.5		2.67		TAS				m_e	
CLL	147.33		PKPbc	20:13:50.063	0.5	6.5		2.67		TAS				m_e	
CLZ	147.00		PKPbc	20:13:49.793	-0.3	6.5		2.67		TAS				m_e	
FLT1	146.46		PKPbc	20:13:47.455	0.0	6.5		2.67		TAS				m_e	
GEC2	149.67		PKPbc	20:13:56.362		6.5		2.67		TAS				m_e	
GRA1	149.09		PKPbc	20:13:55.668		6.5		2.67		TAS				m_e	
GRA1	149.09		L	21:19:42.537						T__		157.2	21.50	a_e Ms	4.8
GUNZ	148.33		PKPbc	20:13:52.859		6.5		2.67		TAS				m_e	
IBBN	146.60		PKPbc	20:13:48.490	0.0	6.5		2.67		TAS				m_e	
MOX	148.11		PKPbc	20:13:52.411		6.5		2.67		TAS				m_e	
MOX	148.11		L	21:31:10.678						T__		219.3	18.40	a_e Ms	5.0
NRDL	146.36		PKPbc	20:13:47.552	0.1	6.5		2.67		TAS				m_e	
PLN	148.22		PKPbc	20:13:52.611		6.5		2.67		TAS				m_e	
ROTZ	148.93		PKPbc	20:13:54.974		6.5		2.67		TAS				m_e	
UBBA	148.04		PKPbc	20:13:51.834		6.5		2.67		TAS				m_e	
UBR	151.16		PKPbc	20:14:00.021		6.5		2.67		TAS				m_e	
WERD	148.25		PKPbc	20:13:52.697		6.5		2.67		TAS				m_e	
WERN	148.40		PKPbc	20:13:52.782		6.5		2.67		TAS				m_e	
WET	149.48		PKPbc	20:13:56.124		6.5		2.67		TAS				m_e	

Event 50507009 Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/07	22:04:33.85			-17.4350	179.6760				33.0			11		143.31	147.92	m i ke	BGR
50507015																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	144.58		PKPbc	22:24:05.500	0.5	20.2		3.00		TAS				m_e	
CLZ	144.64		PKPbc	22:24:06.025		20.2		3.00		TAS				m_e	
FLT1	144.01		PKPbc	22:24:03.504	0.3	20.2		3.00		TAS				m_e	
FUR	147.92		PKPbc	22:24:14.862		20.2		3.00		TAS				m_e	
GEC2	146.66		PKPbc	22:24:11.517		20.2		3.00		TAS				m_e	
GUNZ	145.61		PKPbc	22:24:08.845		20.2		3.00		TAS				m_e	
IBBN	144.62		PKPbc	22:24:05.834		20.2		3.00		TAS				m_e	
NEUB	144.97		PKPbc	22:24:06.699		20.2		3.00		TAS				m_e	
PLN	145.54		PKPbc	22:24:08.447		20.2		3.00		TAS				m_e	
RJOB	147.92		PKPbc	22:24:16.060		20.2		3.00		TAS				m_e	
RUE	143.31		PKPbc	22:24:01.429	0.1	20.2		3.00		TAS				m_e	

Event 50508004 Nepal-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/08	00:32:29.48			26.0020	85.5630				15.2	0.7		13		58.86	62.41	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50508010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	58.86		P	00:42:26.555		83.5		6.83		TAS		9.5	0.83	m_e mb	4.9
BSEG	60.85		P	00:42:39.952	-0.3	83.5		6.83		TAS		16.6	0.85	m_e mb	4.9
CLL	59.42		pP	00:42:33.954						T__				m_e	
CLZ	61.01		P	00:42:41.424	0.1	83.5		6.83		TAS		16.7	0.76	m_e mb	4.9
CLZ	61.01		pP	00:42:45.533						T__				m_e	
GEC2	59.18		P	00:42:29.017		83.5		6.83		TAS		9.5	1.39	m_e mb	4.6
GUNZ	59.92		P	00:42:34.152		83.5		6.83		TAS				m_e	
GUNZ	59.92		pP	00:42:38.456						T__				m_e	
MANZ	60.10		P	00:42:35.498		83.5		6.83		TAS		9.6	1.26	m_e mb	4.7
MANZ	60.10		pP	00:42:39.757						T__				m_e	
MOX	60.35		P	00:42:36.794		83.5		6.83		TAS		7.2	0.93	m_e mb	4.7
NRDL	61.11		P	00:42:42.038	0.0	83.5		6.83		TAS		21.1	0.98	m_e mb	4.9
ROTZ	60.06		P	00:42:35.506		83.5		6.83		TAS		13.0	1.04	m_e mb	4.9
TANN	59.84		P	00:42:33.294		83.5		6.83		TAS		6.5	0.90	m_e mb	4.7
TNS	62.41		P	00:42:50.921		83.5		6.83		TAS		10.2	0.89	m_e mb	5.1
WERN	59.90		P	00:42:33.813		83.5		6.83		TAS		4.5	0.94	m_e mb	4.5
WET	59.69		P	00:42:32.646		83.5		6.83		TAS		8.5	1.03	m_e mb	4.7
WET	59.69		pP	00:42:36.704						T__				m_e	

Event 50508003 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
2015/05/08	03:12:28.88			1.9400	96.3800				33.0			33		83.72	88.68	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	50508009
Ms	5.0		BGR	50508009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	88.07		P	03:25:13.722		92.5		4.93		TAS				m_e	
ASSE	85.84		P	03:25:02.297	-0.4	92.5		4.93		TAS		57.6	1.17	m_e mb	5.6
BFO	87.26		P	03:25:09.243	0.0	92.5		4.93		TAS				m_e	
BRG	83.72		P	03:24:52.243	0.0	92.5		4.93		TAS		55.6	1.19	m_e mb	5.7
BSEG	86.12		P	03:25:04.164	0.1	92.5		4.93		TAS		111.3	1.13	m_e mb	5.9

BUG	87.94	P	03:25:13.020		92.5	4.93	TAS			a_e							
CLL	84.35	P	03:24:54.969	-0.3	92.5	4.93	TAS	39.9	1.08	m_e mb							5.6
CLZ	86.01	P	03:25:03.657	0.1	92.5	4.93	TAS	83.7	1.26	m_e mb							5.7
FLT1	85.50	P	03:25:00.172	-0.8	92.5	4.93	TAS	32.2	1.25	m_e mb							5.4
FUR	85.29	P	03:24:59.675	-0.3	92.5	4.93	TAS	61.5	1.09	m_e mb							5.8
GEC2	83.72	P	03:24:52.512	0.3	92.5	4.93	TAS	118.5	1.18	m_e mb							6.0
GRA1	85.39	P	03:25:00.919	0.5	92.5	4.93	TAS	87.5	1.09	m_e mb							5.9
GRA1	85.39	L	04:09:13.312				T__	709.7	21.90	a_e Ms							5.0
GTTG	86.26	P	03:25:04.834	0.2	92.5	4.93	TAS	84.6	1.18	m_e mb							5.8
GUNZ	84.71	P	03:24:57.305	0.2	92.5	4.93	TAS	39.1	1.06	m_e mb							5.6
IBBN	87.63	P	03:25:11.620	0.1	92.5	4.93	TAS			m_e							
KAST	87.22	P	03:25:09.491	-0.0	92.5	4.93	TAS			m_e							
LNIZ	83.78	P	03:24:52.470	-0.0	92.5	4.93	TAS	178.4	1.07	a_e mb							6.2
MANZ	84.83	P	03:24:58.196	0.5	92.5	4.93	TAS	82.3	1.05	m_e mb							5.9
MOX	85.18	P	03:24:59.423	-0.0	92.5	4.93	TAS	32.1	1.12	m_e mb							5.5
MOX	85.18	L	04:09:17.685				T__	644.7	21.10	a_e Ms							5.0
NEUB	85.11	P	03:24:59.020	-0.1	92.5	4.93	TAS	74.9	1.08	a_e mb							5.8
NRDL	86.20	P	03:25:04.649	0.2	92.5	4.93	TAS	131.5	1.18	m_e mb							5.9
PLN	84.83	P	03:24:57.708	0.0	92.5	4.93	TAS	30.3	1.14	m_e mb							5.4
RGN	84.39	P	03:24:55.389	-0.1	92.5	4.93	TAS	123.7	1.24	m_e mb							6.0
RJOB	84.25	P	03:24:54.364	-0.4	92.5	4.93	TAS	165.2	1.05	m_e mb							6.2
ROTZ	84.76	P	03:24:57.776	0.4	92.5	4.93	TAS	49.3	1.05	m_e mb							5.7
RUE	83.95	P	03:24:53.320	-0.0	92.5	4.93	TAS	157.7	1.11	a_e mb							6.2
TANN	84.63	P	03:24:56.515	-0.2	92.5	4.93	TAS	30.7	1.16	m_e mb							5.4
TNS	87.20	P	03:25:09.558	0.1	92.5	4.93	TAS			m_e							
UBR	86.06	P	03:25:03.540	-0.2	92.5	4.93	TAS	31.6	1.08	m_e mb							5.4
WERD	84.73	P	03:24:57.187	-0.0	92.5	4.93	TAS	36.5	1.07	m_e mb							5.5
WERN	84.68	P	03:24:57.103	0.2	92.5	4.93	TAS	25.8	0.99	m_e mb							5.4
WET	84.28	P	03:24:55.184	0.2	92.5	4.93	TAS	67.8	1.09	m_e mb							5.8
WLF	88.68	P	03:25:16.803		92.5	4.93	TAS			m_e							

Event 50508005 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/08	07:52:09.09			-6.1590	149.8650				43.8			16		122.35	126.79	m i ke	BGR
50508011																	

Magnitude Err Nsta Author
Ms 6.0 BGR
OrigID 50508011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	126.79		PKPdf	08:11:05.045		52.8		1.82		TAS				m_e	
BRG	122.35		PKPdf	08:10:57.259	-0.0	52.8		1.82		TAS				m_e	
CLL	122.58		PKPdf	08:10:57.607	-0.1	52.8		1.82		TAS				m_e	
CLZ	123.55		PKPdf	08:10:59.692	0.2	52.8		1.82		TAS				m_e	
FLT1	122.82		PKPdf	08:10:57.783	-0.5	52.8		1.82		TAS				m_e	

GEC2	123.63	PKPdf	08:10:59.692	0.2	52.8	1.82	TAS										m_e
GRA1	124.45	L	09:05:54.630				T__			3074.6	21.40	a_e	Ms				5.9
KAST	124.89	PKPdf	08:11:02.236		52.8	1.82	TAS										m_e
MANZ	123.82	PKPdf	08:11:00.239	-0.3	52.8	1.82	TAS										m_e
MOX	123.67	L	09:05:31.334				T__			4842.3	21.90	a_e	Ms				6.1
NRDL	123.26	PKPdf	08:10:59.237	0.3	52.8	1.82	TAS										m_e
ROTZ	123.90	PKPdf	08:10:59.782		52.8	1.82	TAS										m_e
TANN	123.38	PKPdf	08:10:59.146	0.1	52.8	1.82	TAS										m_e
TNS	125.52	PKPdf	08:11:03.327		52.8	1.82	TAS										m_e
UBBA	124.37	PKPdf	08:11:01.055		52.8	1.82	TAS										m_e
UBR	126.26	PKPdf	08:11:04.417		52.8	1.82	TAS										m_e
WERN	123.50	PKPdf	08:10:59.676	0.0	52.8	1.82	TAS										m_e
WET	123.90	PKPdf	08:11:00.237		52.8	1.82	TAS										m_e

Event 50509001 Sicily, Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/09	08:22:42.40			38.5800	15.3800				212.0					9.34	13.94	m i ke	INGV
OrigID 50509091																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	13.33		Pn	08:25:43.656						T__					m_e
ASSE	13.94		Pn	08:25:52.047						T__					m_e
BFO	11.00		Pn	08:25:13.476						T__					m_e
BRG	12.33		Pn	08:25:30.959						T__					m_e
CLL	12.84		Pn	08:25:37.720						T__					m_e
CLZ	13.72		Pn	08:25:49.025						T__					m_e
FUR	10.03		Pn	08:25:02.835						T__					m_e
GEC2	10.33		Pn	08:25:05.193						T__					m_e
GRA1	11.50		Pn	08:25:20.683						T__					m_e
GTTG	13.51		Pn	08:25:46.598						T__					m_e
KAST	13.54		Pn	08:25:46.525						T__					m_e
MANZ	11.64		Pn	08:25:21.767						T__					m_e
MOX	12.36		Pn	08:25:31.070						T__					m_e
PLN	12.12		Pn	08:25:28.376						T__					m_e
RJOB	9.34		Pn	08:24:53.503						T__					m_e
ROTZ	11.41		Pn	08:25:18.496						T__					m_e
TANN	12.01		Pn	08:25:27.796						T__					m_e
TNS	12.64		Pn	08:25:35.586						T__					m_e
UBR	9.87		Pn	08:25:00.102						T__					m_e
WERD	12.07		Pn	08:25:28.233						T__					m_e
WERN	11.90		Pn	08:25:26.151						T__					m_e
WET	10.71		Pn	08:25:10.371						T__					m_e

Event 50510001 Near coast of Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/10	00:50:31.87			15.2200	-93.1400				33.0			31		84.43	89.36	m i ke	BGR
OrigID																	
50510007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	50510007
Ms	5.4		BGR	50510007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.74		P	01:02:57.779	0.1	290.4		4.84		TAS		136.6	1.23	a_e mb	6.0
ASSE	86.37		P	01:03:05.779	0.2	290.4		4.84		TAS		117.4	1.33	a_e mb	5.8
BFO	86.20		P	01:03:04.179	-0.5	290.4		4.84		TAS		60.1	1.41	a_e mb	5.5
BRG	88.73		P	01:03:16.579	-0.5	290.4		4.84		TAS		24.1	1.12	a_e mb	5.3
BSEG	85.55		P	01:03:01.579	-0.1	290.4		4.84		TAS		113.5	1.14	a_e mb	5.9
BUG	84.59		P	01:02:56.629	-0.3	290.4		4.84		TAS		162.4	1.57	a_e mb	6.0
CLL	88.02		P	01:03:13.279	-0.3	290.4		4.84		TAS		50.2	1.76	a_e mb	5.6
CLZ	86.29		P	01:03:05.529	0.3	290.4		4.84		TAS		121.1	1.61	a_e mb	5.8
FLT1	86.62		P	01:03:06.379	-0.5	290.4		4.84		TAS		130.8	1.56	a_e mb	5.8
FUR	88.12		P	01:03:14.079	0.1	290.4		4.84		TAS		88.6	1.98	a_e mb	5.8
GEC2	89.36		P	01:03:19.679	-0.4	290.4		4.84		TAS		33.7	1.33	a_e mb	5.4
GRA1	87.54		P	01:03:11.629	0.4	290.4		4.84		TAS		219.7	2.17	m_e mb	6.1
GRA1	87.54		L	01:43:36.269						T__		1896.9	19.50	a_e Ms	5.5
GTTG	86.15		P	01:03:04.729	0.2	290.4		4.84		TAS		113.6	1.39	a_e mb	5.8
GUNZ	87.97		P	01:03:13.379	0.0	290.4		4.84		TAS		92.9	2.02	a_e mb	5.8
IBBN	84.61		P	01:02:57.029	-0.1	290.4		4.84		TAS		132.5	1.25	a_e mb	6.0
KAST	85.35		P	01:03:00.579	-0.1	290.4		4.84		TAS		90.2	1.41	a_e mb	5.8
MANZ	87.97		P	01:03:13.579	0.2	290.4		4.84		TAS		48.2	1.59	a_e mb	5.6
MOX	87.44		P	01:03:10.879	0.1	290.4		4.84		TAS		44.9	1.41	a_e mb	5.4
MOX	87.44		L	01:44:02.270						T__		1496.2	21.10	a_e Ms	5.4
NEUB	87.34		P	01:03:10.329	0.1	290.4		4.84		TAS				a_e	
NRDL	85.92		P	01:03:03.579	0.2	290.4		4.84		TAS		98.5	1.33	a_e mb	5.8
PLN	87.82		P	01:03:12.529	-0.1	290.4		4.84		TAS		51.5	1.72	a_e mb	5.6
RJOB	89.22		P	01:03:19.229	-0.1	290.4		4.84		TAS		93.1	1.41	a_e mb	5.8
ROTZ	88.11		P	01:03:14.329	0.3	290.4		4.84		TAS		37.4	1.66	a_e mb	5.5
STU	86.61		P	01:03:06.579	-0.1	290.4		4.84		TAS		126.3	1.55	a_e mb	5.8
TANN	88.03		P	01:03:13.679	0.1	290.4		4.84		TAS		51.7	1.58	a_e mb	5.6
TNS	85.68		P	01:03:02.179	-0.0	290.4		4.84		TAS		139.6	1.21	a_e mb	6.0
UBBA	86.42		P	01:03:05.929	0.1	290.4		4.84		TAS		163.7	1.78	a_e mb	5.9
UBR	87.55		P	01:03:11.329	0.1	290.4		4.84		TAS		159.0	2.12	a_e mb	6.0
WERN	88.02		P	01:03:13.829	0.2	290.4		4.84		TAS		38.3	1.35	a_e mb	5.6
WET	88.75		P	01:03:17.329	0.2	290.4		4.84		TAS		84.4	1.87	a_e mb	5.7
WLF	84.43		P	01:02:56.279	0.1	290.4		4.84		TAS		282.8	1.92	a_e mb	6.2

Event 50510011 North Korea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/10	02:27:03.69	0.40	0.77	40.8650	128.7210	21.1	3.3	108	0.0				4 175			m i km	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KS31			Sn	02:28:39.905	-0.3					T__					m_e
KS31			Sg	02:28:53.346	-0.8					T__					m_e
KS31			Pn	02:27:58.721	-0.2					T__					m_e
MDJ			Sg	02:29:03.504						T__					m_e
MDJ			Pn	02:28:04.522	1.3					T__					m_e
TJN			Sn	02:29:08.024	1.1					T__					m_e
USA0B			Sn	02:28:56.101						T__					m_e
USA0B			Sg	02:29:14.060						T__					m_e
USA0B			Pn	02:28:07.078	-0.4					T__					m_e

Event 50510005 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/10	15:01:11.85			-23.2960	-178.4260				33.0				15			m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BEAM			PKPbc	15:20:04.863	0.3	19.5		2.24		TAS					m_e
BRG			PKPbc	15:20:00.885	0.1	19.5		2.24		TAS					m_e
BSEG			PKPbc	15:19:55.921	-0.1	19.5		2.24		TAS					m_e
BUG			PKPbc	15:19:17.273		19.5		2.24		TAS					a_e
CLL			PKPbc	15:20:00.323	0.2	19.5		2.24		TAS					m_e
CLZ			PKPbc	15:20:00.623	-0.4	19.5		2.24		TAS					a_e
FLT1			PKPbc	15:19:58.908	-0.1	19.5		2.24		TAS					m_e
GEC2			PKPbc	15:20:04.708		19.5		2.24		TAS					m_e
GTTG			PKPbc	15:20:01.608	0.1	19.5		2.24		TAS					m_e
GUNZ			PKPbc	15:20:02.723	-0.4	19.5		2.24		TAS					a_e
IBBN			PKPbc	15:20:00.193	0.1	19.5		2.24		TAS					m_e
NEUB			PKPbc	15:20:01.317	0.3	19.5		2.24		TAS					m_e
NRDL			PKPbc	15:19:59.238	0.1	19.5		2.24		TAS					m_e
RUE			PKPbc	15:19:57.393	-0.1	19.5		2.24		TAS					m_e
TANN			PKPbc	15:20:02.569	0.1	19.5		2.24		TAS					m_e
TNS			PKPbc	15:20:04.789		19.5		2.24		TAS					m_e

WERN PKPbc 15:20:02.920 0.0 19.5 2.24 TAS m_e

Event 50510007 Southeast of Honshu, Japan

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/05/10 16:54:54.83 32.5000 141.5000 40.7 1.1 23 m i ke BGR
50510013

Magnitude Err Nsta Author OrigID
mb 5.5 BGR 50510013
Ms 5.0 BGR 50510013

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. It lists seismic data for various stations including ASSE, BRG, BSEG, BUG, CLL, CLZ, FLT1, GEC2, GRA1, GUNZ, IBBN, MANZ, MOX, NEUB, PLN, RJOB, ROTZ, RUE, TANN, UBBA, WERN, WET, and WLF.

Event 50510009 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/10	21:25:56.40			32.1310	142.5960				41.0	0.5		27					m i ke BGR
OrigID																	
50510015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	50510015
MBB	6.3		BGR	50510015
Ms	6.0		BGR	50510015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW			P	21:38:44.293	0.0	39.5		4.81		TAS		69.4	1.62	a_e	mb	5.6
ASSE			P	21:38:31.593	0.0	39.5		4.81		TAS		114.2	1.57	a_e	mb	5.8
ASSE			pP	21:38:43.678						T__					m_e	
BFO			P	21:38:50.083	-0.2	39.5		4.81		TAS		126.1	1.77	m_e	mb	5.9
BFO			pP	21:39:01.926						T__					m_e	
BRG			P	21:38:29.793	-0.0	39.5		4.81		TAS		144.4	1.79	a_e	MBB	6.1
BUG			P	21:38:40.143		39.5		4.81		TAS		74.0	1.39	a_e	MBB	6.3
CLL			P	21:38:29.908	-0.1	39.5		4.81		TAS		154.7	1.66	m_e	MBB	6.2
CLZ			P	21:38:33.543	-0.2	39.5		4.81		TAS		159.1	1.67	a_e	mb	5.9
FLT1			P	21:38:29.243	0.2	39.5		4.81		TAS		169.6	1.56	a_e	MBB	6.1
FUR			P	21:38:45.518	0.3	39.5		4.81		TAS		122.6	1.54	m_e	MBB	6.4
FUR			pP	21:38:57.546						T__					m_e	
GEC2			P	21:38:37.099	-0.5	39.5		4.81		TAS		55.7	1.80	m_e	MBB	6.0
GRA1			L	22:21:29.906						T__		4979.8	18.10	a_e	Ms	6.0
GUNZ			P	21:38:35.093	0.1	39.5		4.81		TAS		152.0	1.91	a_e	mb	5.8
IBBN			P	21:38:36.243		39.5		4.81		TAS		179.5	1.60	a_e	MBB	6.2
KAST			P	21:38:39.293	-0.3	39.5		4.81		TAS		63.8	1.35	a_e	MBB	6.1
LNIZ			P	21:38:19.643	0.0	39.5		4.81		TAS		320.8	1.68	a_e	MBB	6.6
MOX			P	21:38:35.293	-0.2	39.5		4.81		TAS		143.1	2.04	a_e	MBB	6.1
MOX			L	22:26:43.329						T__		5467.8	18.70	a_e	Ms	6.0
NEUB			P	21:38:32.793	0.4	39.5		4.81		TAS		223.7	1.71	a_e	mb	6.0
NRDL			P	21:38:31.393		39.5		4.81		TAS		181.4	1.95	m_e	MBB	6.3
PLN			P	21:38:34.893	0.0	39.5		4.81		TAS		116.8	1.91	a_e	mb	5.7
RJOB			P	21:38:43.443	-0.1	39.5		4.81		TAS		635.2	2.04	a_e	MBB	6.9
ROTZ			P	21:38:37.643	0.3	39.5		4.81		TAS		158.3	1.85	a_e	mb	5.8
RUE			P	21:38:24.770	-0.5	39.5		4.81		TAS		285.2	1.67	m_e	MBB	6.5
TANN			P	21:38:34.593	0.2	39.5		4.81		TAS		143.0	2.08	a_e	MBB	6.1
TANN			pP	21:38:46.455						T__					m_e	
UBBA			P	21:38:37.643	0.3	39.5		4.81		TAS		122.9	2.07	a_e	MBB	6.0
WERD			P	21:38:34.743	0.1	39.5		4.81		TAS		164.6	2.21	a_e	mb	5.8
WERN			P	21:38:35.193	0.1	39.5		4.81		TAS		129.5	1.85	a_e	mb	5.7
WET			P	21:38:38.343	0.1	39.5		4.81		TAS		78.9	1.90	a_e	MBB	6.2
WET			pP	21:38:50.415						T__					m_e	
WLF			P	21:38:49.593	0.1	39.5		4.81		TAS		240.1	2.12	a_e	mb	6.1

Event 50510008 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/10	21:32:48.20			34.7600	25.2600				47.0								m i ke EMSC
OrigID																	
50510040																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO			Pn	21:37:00.085						T__					m_e
CLZ			Pn	21:37:17.324						T__					m_e
FLT1			Pn	21:37:17.521						T__					m_e
GEC2			Pn	21:36:37.163						T__					m_e
GRA1			Pn	21:36:56.979						T__					m_e
GUNZ			Pn	21:36:58.638						T__					m_e
MOX			Pn	21:37:02.488						T__					m_e
ROTZ			Pn	21:36:51.926						T__					m_e
TNS			Pn	21:37:13.742						T__					m_e
UBR			Pn	21:36:44.142						T__					m_e
WLF			Pn	21:37:21.646						T__					m_e

Event 50510010 North Atlantic Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/10	23:32:38.50			40.9600	-13.3900				12.0								m i ke EMSC
OrigID																	
50510042																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW			Pn	23:36:38.861						T__					m_e
BFO			Pn	23:36:37.341						T__					m_e
GEC2			Pn	23:37:27.646						T__					m_e
RJOB			Pn	23:37:16.923						T__					m_e
TNS			Pn	23:36:46.770						T__					m_e
UBR			Pn	23:36:52.743						T__					m_e
WET			Pn	23:37:19.790						T__					m_e
WILA			Pn	23:36:41.926						T__					m_e
WLF			Pn	23:36:25.389						T__					m_e

Event 50511001 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/11	03:29:07.62			-22.2250	-177.9650				33.0			32		147.43	153.79	m i k e	BGR
50511007																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.7		BGR	50511007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	151.46		PKPbc	03:48:57.980	0.5	18.1		2.41		TAS					a_e
ASSE	149.41		PKPbc	03:48:53.007	0.1	18.1		2.41		TAS					m_e
BFO	153.47		PKPbc	03:49:02.476		18.1		2.41		TAS					m_e
BRG	149.93		PKPbc	03:48:54.222	0.4	18.1		2.41		TAS					m_e
BSEG	147.72		PKPbc	03:48:48.441	-0.2	18.1		2.41		TAS					m_e
CLL	149.74		PKPbc	03:48:53.670	0.1	18.1		2.41		TAS					m_e
CLZ	149.74		PKPbc	03:48:54.095	0.2	18.1		2.41		TAS					m_e
FLT1	149.12		PKPbc	03:48:52.013	-0.1	18.1		2.41		TAS					m_e
FUR	153.08		PKPbc	03:49:01.507		18.1		2.41		TAS					m_e
GEC2	151.86		PKPbc	03:48:58.889	-0.6	18.1		2.41		TAS					m_e
GRA1	151.64		PKPbc	03:48:58.583	-0.3	18.1		2.41		TAS					m_e
GRA1	151.64		L	05:06:16.191						T__		90.3	19.70	a_e Ms	4.6
GTTG	150.09		PKPbc	03:48:54.880	-0.0	18.1		2.41		TAS					m_e
GUNZ	150.78		PKPbc	03:48:56.692	0.3	18.1		2.41		TAS					m_e
IBBN	149.65		PKPbc	03:48:53.650	0.3	18.1		2.41		TAS					m_e
KAST	150.65		PKPbc	03:48:56.192	-0.2	18.1		2.41		TAS					m_e
LNIZ	147.43		PKPbc	03:48:47.530	-0.1	18.1		2.41		TAS					a_e
MOX	150.66		PKPbc	03:48:56.030	0.5	18.1		2.41		TAS					a_e
MOX	150.66		L	05:14:19.668						T__		132.8	19.30	a_e Ms	4.8
NEUB	150.10		PKPbc	03:48:54.758	0.3	18.1		2.41		TAS					m_e
NRDL	149.15		PKPbc	03:48:52.333	0.1	18.1		2.41		TAS					m_e
PLN	150.69		PKPbc	03:48:56.335	0.1	18.1		2.41		TAS					m_e
RJOB	153.12		PKPbc	03:49:01.347		18.1		2.41		TAS					m_e
ROTZ	151.36		PKPbc	03:48:57.780	0.1	18.1		2.41		TAS					m_e
RUE	148.48		PKPbc	03:48:50.525	0.3	18.1		2.41		TAS					m_e
STU	152.90		PKPbc	03:49:01.501		18.1		2.41		TAS					m_e
TANN	150.70		PKPbc	03:48:56.341	0.2	18.1		2.41		TAS					m_e
TNS	151.61		PKPbc	03:48:58.493	-0.1	18.1		2.41		TAS					m_e
UBBA	150.79		PKPbc	03:48:56.230	0.3	18.1		2.41		TAS					a_e
UBR	153.79		PKPbc	03:49:02.850		18.1		2.41		TAS					m_e
WERD	150.70		PKPbc	03:48:56.398	0.1	18.1		2.41		TAS					m_e
WERN	150.84		PKPbc	03:48:56.830	0.1	18.1		2.41		TAS					a_e
WET	151.79		PKPbc	03:48:58.764	-0.6	18.1		2.41		TAS					m_e
WLF	152.42		PKPbc	03:49:00.730	-0.3	18.1		2.41		TAS					a_e

Event 50511005 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2015/05/11 07:35:44.93 46.8400 153.4100 33.0 29 73.49 80.56 m i ke BGR
 50511011

Magnitude Err Nsta Author OrigID
 mb 5.8 BGR 50511011
 Ms 4.9 BGR 50511011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.74		P	07:47:44.797	-0.4	25.5		5.62		TAS		113.6	1.49	m_e	mb 5.7
ASSE	76.37		P	07:47:31.448	0.0	25.5		5.62		TAS		87.8	1.30	a_e	mb 5.7
BFO	80.45		P	07:47:53.908		25.5		5.62		TAS		46.4	1.12	m_e	mb 5.3
BRG	76.59		P	07:47:32.448	0.4	25.5		5.62		TAS		70.0	1.15	a_e	mb 5.7
BSEG	74.82		P	07:47:22.598	-0.1	25.5		5.62		TAS		89.6	1.23	m_e	mb 5.7
CLZ	76.70		P	07:47:33.546	0.0	25.5		5.62		TAS		187.6	1.37	m_e	mb 6.0
FLT1	76.03		P	07:47:28.998	-0.6	25.5		5.62		TAS		118.8	1.24	a_e	mb 5.9
GEC2	78.46		P	07:47:43.147		25.5		5.62		TAS		53.5	1.26	m_e	mb 5.5
GRA1	78.42		P	07:47:43.446	0.3	25.5		5.62		TAS		189.6	1.34	m_e	mb 6.0
GRA1	78.42		L	08:27:37.343						T__		476.4	18.20	a_e	Ms 4.9
GTTG	77.08		P	07:47:35.498	0.0	25.5		5.62		TAS		104.1	1.30	m_e	mb 5.8
GUNZ	77.50		P	07:47:38.005	0.1	25.5		5.62		TAS		86.2	1.33	m_e	mb 5.7
HLG	75.19		P	07:47:25.153		25.5		5.62		TAS		314.1	1.17	m_e	mb 6.2
KAST	77.79		P	07:47:39.505	-0.2	25.5		5.62		TAS		95.3	1.40	m_e	mb 5.7
LNIZ	74.18		P	07:47:18.969	0.1	25.5		5.62		TAS		108.2	1.14	m_e	mb 5.8
MANZ	77.91		P	07:47:40.248	-0.1	25.5		5.62		TAS		65.0	1.30	a_e	mb 5.6
MOX	77.45		L	08:26:27.131						T__		584.6	18.00	a_e	Ms 4.9
NRDL	76.18		P	07:47:30.216	-0.2	25.5		5.62		TAS		85.6	1.32	m_e	mb 5.7
PLN	77.44		P	07:47:37.533	0.0	25.5		5.62		TAS		70.9	1.15	m_e	mb 5.7
RGN	73.49		P	07:47:15.179	0.4	25.5		5.62		TAS		297.3	1.20	m_e	mb 6.3
RJOB	79.73		P	07:47:50.732		25.5		5.62		TAS		156.4	1.09	m_e	mb 5.9
ROTZ	78.08		P	07:47:41.247	-0.1	25.5		5.62		TAS		97.4	1.35	m_e	mb 5.8
RUE	75.21		P	07:47:24.780	-0.2	25.5		5.62		TAS		223.7	1.17	m_e	mb 6.1
SKMB	74.33		P	07:47:20.245		25.5		5.62		TAS		222.5	1.22	m_e	mb 6.1
TANN	77.42		P	07:47:37.407	0.1	25.5		5.62		TAS		59.8	1.41	m_e	mb 5.5
TNS	78.68		P	07:47:44.420	0.4	25.5		5.62		TAS		83.6	1.39	m_e	mb 5.6
UBBA	77.73		P	07:47:38.921	0.1	25.5		5.62		TAS		100.0	1.46	m_e	mb 5.7
UBR	80.56		P	07:47:54.592		25.5		5.62		TAS		49.5	1.36	m_e	mb 5.4
WERD	77.44		P	07:47:37.524	0.3	25.5		5.62		TAS		94.0	1.38	m_e	mb 5.7
WERN	77.56		P	07:47:38.448	0.2	25.5		5.62		TAS		83.4	1.26	a_e	mb 5.7
WET	78.44		P	07:47:43.454	-0.5	25.5		5.62		TAS		115.1	1.27	m_e	mb 5.9

Event 50511030 Bougainville - Solomon Islands region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/05/11 11:51:19.90 -7.1600 154.5000 30.0 16 125.14 130.01 m i ke emsc
 50511066

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	125.54		PKPdf	12:10:18.768	0.2	48.5		1.93		TAS					m_e	
BSEG	125.14		PKPdf	12:10:18.188	-0.3	48.5		1.93		TAS					m_e	
CLL	125.72		PKPdf	12:10:18.768	-0.3	48.5		1.93		TAS					m_e	
GEC2	126.94		PKPdf	12:10:21.201	-0.0	48.5		1.93		TAS					m_e	
GOR1	125.38		PKPdf	12:10:19.231	0.6	48.5		1.93		TAS					m_e	
GUNZ	126.66		PKPdf	12:10:20.854	0.1	48.5		1.93		TAS					m_e	
KAST	127.90		PKPdf	12:10:23.287		48.5		1.93		TAS					m_e	
MANZ	127.01		PKPdf	12:10:21.549		48.5		1.93		TAS					m_e	
MOX	126.82		PKPdf	12:10:21.201	-0.4	48.5		1.93		TAS					m_e	
ROTZ	127.11		PKPdf	12:10:21.433		48.5		1.93		TAS					m_e	
TANN	126.56		PKPdf	12:10:20.738	0.1	48.5		1.93		TAS					m_e	
TNS	128.58		PKPdf	12:10:24.330		48.5		1.93		TAS					m_e	
UBR	129.53		PKPdf	12:10:26.184		48.5		1.93		TAS					m_e	
WERD	126.62		PKPdf	12:10:20.506	0.0	48.5		1.93		TAS					m_e	
WERN	126.69		PKPdf	12:10:20.969	-0.2	48.5		1.93		TAS					m_e	
WLF	130.01		PKPdf	12:10:28.038		48.5		1.93		TAS					m_e	

Event 50511032 South Indian Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2015/05/11	17:42:19.93			-6.1900	66.0600				33.0			31		71.19	76.34	m i ke	BGR
50511038																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50511038

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.85		P	17:54:02.914	0.4	122.0		5.87		TAS		82.7	1.83	a_e	mb 5.6
ASSE	74.70		P	17:53:55.664	0.1	122.0		5.87		TAS		48.4	1.54	a_e	mb 5.3
BFO	74.07		P	17:53:52.064	-0.1	122.0		5.87		TAS		61.0	1.62	a_e	mb 5.4
BRG	72.30		P	17:53:41.914	0.1	122.0		5.87		TAS		47.2	1.45	a_e	mb 5.4
BSEG	75.84		P	17:54:01.914	-0.5	122.0		5.87		TAS		29.7	1.30	m_e	mb 5.3
BUG	76.18		P	17:54:04.214	0.2	122.0		5.87		TAS		85.0	1.61	a_e	mb 5.6
CLL	73.04		P	17:53:46.214	0.1	122.0		5.87		TAS		65.9	1.45	a_e	mb 5.6
CLZ	74.71		P	17:53:56.014	0.1	122.0		5.87		TAS		59.8	1.44	a_e	mb 5.4
FLT1	74.52		P	17:53:54.214	-0.2	122.0		5.87		TAS		82.3	1.73	a_e	mb 5.5
FUR	72.28		P	17:53:41.464	-0.3	122.0		5.87		TAS		133.0	1.18	a_e	mb 6.0
GEC2	71.29		P	17:53:35.114	-0.3	122.0		5.87		TAS		27.8	1.70	a_e	mb 5.1
GRA1	73.12		P	17:53:46.214	-0.9	122.0		5.87		TAS		105.1	1.45	a_e	mb 5.8
GTTG	74.77		P	17:53:56.314	-0.3	122.0		5.87		TAS		41.8	1.23	a_e	mb 5.3
GUNZ	72.87		P	17:53:45.564	0.5	122.0		5.87		TAS		137.8	1.86	a_e	mb 5.8
IBBN	76.34		P	17:54:05.064	-0.5	122.0		5.87		TAS		52.8	1.32	a_e	mb 5.5

KAST	75.43	P	17:54:00.264	0.3	122.0	5.87	TAS	26.7	1.43	a_e	mb	5.1
MANZ	72.79	P	17:53:44.764	-0.2	122.0	5.87	TAS	48.7	1.49	a_e	mb	5.4
MOX	73.41	P	17:53:48.614	0.3	122.0	5.87	TAS	48.8	1.47	a_e	mb	5.4
NEUB	73.62	P	17:53:49.764	0.2	122.0	5.87	TAS	75.2	1.45	a_e	mb	5.5
NRDL	75.19	P	17:53:58.814	-0.4	122.0	5.87	TAS	51.7	1.41	a_e	mb	5.4
PLN	73.03	P	17:53:46.414	0.4	122.0	5.87	TAS	121.3	2.10	a_e	mb	5.7
RJOB	71.19	P	17:53:34.864	0.4	122.0	5.87	TAS				m_e	
ROTZ	72.62	P	17:53:43.414	-0.3	122.0	5.87	TAS	48.2	1.58	a_e	mb	5.4
STU	73.79	P	17:53:50.114	0.1	122.0	5.87	TAS	58.0	1.13	a_e	mb	5.5
TANN	72.83	P	17:53:45.264	0.5	122.0	5.87	TAS	247.8	2.62	a_e	mb	5.9
TNS	74.93	P	17:53:57.214	0.2	122.0	5.87	TAS	48.6	1.28	a_e	mb	5.4
UBBA	74.38	P	17:53:54.014	0.4	122.0	5.87	TAS	66.1	1.60	a_e	mb	5.4
UBR	72.71	P	17:53:44.464		122.0	5.87	TAS	113.6	1.34	a_e	mb	5.8
WERD	72.93	P	17:53:45.814	0.4	122.0	5.87	TAS	53.7	1.51	a_e	mb	5.5
WERN	72.81	P	17:53:45.164	0.1	122.0	5.87	TAS	103.2	1.37	a_e	mb	5.8
WET	71.91	P	17:53:38.564	-0.7	122.0	5.87	TAS	25.1	1.43	a_e	mb	5.1

Event 50511034 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/11	21:34:02.77			-21.3740	-177.5790				33.0			16		146.94	151.61	m i ke	BGR
50511040																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	149.20		PKPbc	21:53:47.970	0.2	17.0		2.48		TAS					m_e
BSEG	146.94		PKPbc	21:53:42.184	-0.1	17.0		2.48		TAS					m_e
CLL	149.00		PKPbc	21:53:47.271	0.1	17.0		2.48		TAS					m_e
FLT1	148.35		PKPbc	21:53:45.491	-0.3	17.0		2.48		TAS					m_e
GEC2	151.14		PKPbc	21:53:52.294		17.0		2.48		TAS					m_e
GUNZ	150.03		PKPbc	21:53:50.196	0.2	17.0		2.48		TAS					m_e
KAST	149.86		PKPbc	21:53:49.624	0.2	17.0		2.48		TAS					m_e
MANZ	150.44		PKPbc	21:53:51.086	-0.3	17.0		2.48		TAS					m_e
PLN	149.95		PKPbc	21:53:49.942	0.3	17.0		2.48		TAS					m_e
ROTZ	150.62		PKPbc	21:53:51.404	-0.5	17.0		2.48		TAS					m_e
TANN	149.96		PKPbc	21:53:49.942	-0.0	17.0		2.48		TAS					m_e
TNS	150.82		PKPbc	21:53:51.976	-0.0	17.0		2.48		TAS					m_e
WERD	149.96		PKPbc	21:53:49.878	0.3	17.0		2.48		TAS					m_e
WERN	150.09		PKPbc	21:53:50.387	0.0	17.0		2.48		TAS					m_e
WET	151.06		PKPbc	21:53:52.167		17.0		2.48		TAS					m_e
WLF	151.61		PKPbc	21:53:54.202		17.0		2.48		TAS					m_e

Event 50512002 Nepal-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/12	07:05:13.84			26.6940	86.1620				33.0			37		58.41	63.87	m i ke	BGR
50512008																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.6		BGR	50512008
MBB	7.5		BGR	50512008
Ms	7.9		BGR	50512008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	63.12		P	07:15:41.212	0.3	82.5		6.84		TAS		581.5	1.09	m_e	MBB 7.5
ASSE	60.66		P	07:15:23.923	-0.4	82.5		6.84		TAS		722.4	1.48	m_e	MBB 7.3
BFO	62.70		P	07:15:37.766	-0.2	82.5		6.84		TAS		278.5	1.16	m_e	MBB 7.5
BRG	58.75		P	07:15:11.277	-0.1	82.5		6.84		TAS		710.0	1.12	m_e	MBB 7.5
BSEG	60.68		P	07:15:24.495	0.5	82.5		6.84		TAS		1521.2	1.42	m_e	MBB 7.4
BUG	62.85		P	07:15:39.168	-0.1	82.5		6.84		TAS		664.7	1.01	m_e	MBB 7.6
CLL	59.30		P	07:15:14.518	-0.6	82.5		6.84		TAS		422.3	1.08	m_e	MBB 7.4
CLZ	60.88		P	07:15:25.935	0.1	82.5		6.84		TAS		1706.9	1.14	m_e	MBB 7.3
FBE	59.12		P	07:15:13.990	0.1	82.5		6.84		TAS		1029.4	1.12	m_e	MBB 7.2
FLT1	60.29		P	07:15:21.211	-0.6	82.5		6.84		TAS		1129.1	1.26	m_e	MBB 7.4
FUR	60.79		P	07:15:25.845	0.5	82.5		6.84		TAS		870.0	1.11	m_e	MBB 7.3
GEC2	59.10		P	07:15:14.003	0.2	82.5		6.84		TAS		638.0	1.23	m_e	MBB 7.4
GRA1	60.61		P	07:15:24.714	0.5	82.5		6.84		TAS		917.3	1.30	m_e	mb 6.4
GRA1	60.61		L	07:44:12.333						T__	998426.0	18.90	a_e	Ms 8.0	
GTTG	61.17		P	07:15:27.863	-0.3	82.5		6.84		TAS		994.6	1.22	m_e	MBB 7.3
GUNZ	59.82		P	07:15:18.927	0.2	82.5		6.84		TAS		698.2	1.12	m_e	MBB 7.1
HLG	62.08		P	07:15:33.972	0.2	82.5		6.84		TAS		575.6	0.93	m_e	MBB 7.8
IBBN	62.41		P	07:15:36.223	-0.7	82.5		6.84		TAS		1096.1	1.15	m_e	MBB 7.7
KAST	62.18		P	07:15:34.455	-0.1	82.5		6.84		TAS		456.1	1.31	m_e	MBB 7.6
LNIZ	58.41		P	07:15:08.294	-0.4	82.5		6.84		TAS		2952.3	1.70	m_e	MBB 7.7
MANZ	60.01		P	07:15:20.408	0.4	82.5		6.84		TAS		883.3	1.45	m_e	MBB 7.5
MOX	60.24		P	07:15:21.601	-0.0	82.5		6.84		TAS		561.5	1.07	m_e	MBB 7.5
MOX	60.24		L	07:43:44.656						T__	863258.0	19.30	a_e	Ms 7.9	
NEUB	60.08		P	07:15:20.253	-0.2	82.5		6.84		TAS		746.8	1.01	m_e	MBB 7.5
NRDL	60.96		P	07:15:26.682	0.4	82.5		6.84		TAS		1932.8	1.24	m_e	MBB 7.4
PLN	59.92		P	07:15:19.377	-0.1	82.5		6.84		TAS		385.3	1.04	m_e	MBB 7.4
RGN	58.87		P	07:15:12.009	0.5	82.5		6.84		TAS		1652.1	0.88	m_e	MBB 7.7
RJOB	59.83		P	07:15:18.721	0.0	82.5		6.84		TAS		1618.0	1.27	m_e	MBB 8.1
ROTZ	59.97		P	07:15:20.317	0.5	82.5		6.84		TAS		1000.4	1.31	m_e	MBB 7.5
RUE	58.73		P	07:15:10.657	-0.4	82.5		6.84		TAS		1210.4	1.08	m_e	MBB 7.6
STU	62.06		P	07:15:34.303	-0.3	82.5		6.84		TAS		656.2	0.91	m_e	MBB 7.7
TANN	59.73		P	07:15:18.180	0.0	82.5		6.84		TAS		581.4	1.34	m_e	MBB 7.5
TNS	62.31		P	07:15:35.713	-0.0	82.5		6.84		TAS		846.7	1.04	m_e	MBB 7.7
UBBA	61.24		P	07:15:28.109	-0.2	82.5		6.84		TAS		959.7	1.78	m_e	MBB 7.2
UBR	61.64		P	07:15:30.918	0.5	82.5		6.84		TAS		440.4	0.87	m_e	MBB 7.6
WERD	59.83		P	07:15:18.824	0.0	82.5		6.84		TAS		526.9	1.10	m_e	MBB 7.0
WERN	59.80		P	07:15:18.595	-0.0	82.5		6.84		TAS		439.5	1.31	m_e	MBB 7.0

WET	59.61	P	07:15:17.398	0.1	82.5	6.84	TAS	1485.5	1.93	m_e	MBB	7.4
WLF	63.87	P	07:15:46.717		82.5	6.84	TAS	819.1	0.98	m_e	MBB	7.7

Event 50512003 Nepal-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/12	07:36:55.07			26.9760	85.8350				33.0			29		58.00	63.46	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	50512009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	62.72		P	07:47:16.762		82.5		6.86		TAS		246.4	1.06	m_e	mb 6.3
BRG	58.34		P	07:46:46.736	-0.1	82.5		6.86		TAS		295.0	1.23	m_e	mb 6.2
BSEG	60.28		P	07:47:00.017	0.3	82.5		6.86		TAS		413.2	1.07	m_e	mb 6.4
BUG	62.44		P	07:47:14.535		82.5		6.86		TAS		338.0	1.08	m_e	mb 6.5
CLL	58.90		P	07:46:49.953	-0.0	82.5		6.86		TAS		172.1	1.32	m_e	mb 5.9
CLZ	60.47		P	07:47:01.419	-0.2	82.5		6.86		TAS		408.6	1.01	m_e	mb 6.4
FBE	58.71		P	07:46:49.541	0.2	82.5		6.86		TAS		396.6	1.13	m_e	mb 6.3
FLT1	59.89		P	07:46:56.635	0.3	82.5		6.86		TAS		337.1	1.17	m_e	mb 6.3
FUR	60.38		P	07:47:01.089	-0.2	82.5		6.86		TAS		425.5	1.21	m_e	mb 6.3
GTTG	60.76		P	07:47:03.151	-0.3	82.5		6.86		TAS		385.7	1.21	m_e	mb 6.1
GUNZ	59.42		P	07:46:54.160	-0.1	82.5		6.86		TAS		243.6	1.22	m_e	mb 6.1
IBBN	62.01		P	07:47:11.730		82.5		6.86		TAS		425.9	1.18	m_e	mb 6.6
LNIZ	58.00		P	07:46:43.684	-0.4	82.5		6.86		TAS		524.2	1.52	m_e	mb 6.3
MANZ	59.60		P	07:46:55.975	0.1	82.5		6.86		TAS		327.1	1.36	m_e	mb 6.2
MOX	59.84		P	07:46:57.130	0.5	82.5		6.86		TAS		214.6	1.20	m_e	mb 6.1
NEUB	59.68		P	07:46:55.562	-0.6	82.5		6.86		TAS		318.6	1.03	m_e	mb 6.3
NRDL	60.56		P	07:47:02.079	-0.2	82.5		6.86		TAS		666.6	1.16	m_e	mb 6.4
PLN	59.51		P	07:46:54.655	0.5	82.5		6.86		TAS		160.2	1.27	m_e	mb 5.9
RGN	58.47		P	07:46:47.396	0.5	82.5		6.86		TAS		549.6	1.11	m_e	mb 6.5
ROTZ	59.56		P	07:46:55.810	-0.4	82.5		6.86		TAS		287.3	1.07	m_e	mb 6.2
RUE	58.32		P	07:46:46.159	-0.3	82.5		6.86		TAS		385.7	0.92	m_e	mb 6.4
STU	61.66		P	07:47:09.338		82.5		6.86		TAS		260.4	1.10	m_e	mb 6.4
TANN	59.33		P	07:46:53.583	0.1	82.5		6.86		TAS		226.5	1.35	m_e	mb 6.0
TNS	61.90		P	07:47:11.071		82.5		6.86		TAS		255.2	1.04	m_e	mb 6.4
UBR	61.23		P	07:47:06.369	0.1	82.5		6.86		TAS		138.0	0.91	m_e	mb 5.8
WERD	59.42		P	07:46:54.160	-0.2	82.5		6.86		TAS		217.6	1.28	m_e	mb 6.0
WERN	59.40		P	07:46:54.160	-0.0	82.5		6.86		TAS		159.2	1.24	m_e	mb 5.9
WET	59.20		P	07:46:52.675	0.0	82.5		6.86		TAS		200.3	1.15	m_e	mb 6.0
WLF	63.46		P	07:47:22.077		82.5		6.86		TAS		411.6	1.11	m_e	mb 6.5

Event 50512004 Nepal-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/12	08:06:08.44			26.8520	85.6990				33.0			21		58.33	62.72	m i ke	BGR
OrigID 50512010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50512010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	62.72		P	08:16:30.184		82.7		6.86		TAS		25.8	0.96	m_e	mb 5.3
BRG	58.35		P	08:16:00.044	-0.1	82.7		6.86		TAS		23.3	0.84	m_e	mb 5.2
BSEG	60.29		P	08:16:13.346	0.1	82.7		6.86		TAS		35.8	0.94	m_e	mb 5.4
BUG	62.45		P	08:16:27.903		82.7		6.86		TAS		33.5	1.04	m_e	mb 5.5
CLZ	60.48		P	08:16:14.727	0.2	82.7		6.86		TAS		46.4	0.80	m_e	mb 5.6
FBE	58.71		P	08:16:02.664	0.0	82.7		6.86		TAS		35.8	0.90	m_e	mb 5.4
FLT1	59.89		P	08:16:09.950	0.5	82.7		6.86		TAS		22.9	0.93	m_e	mb 5.2
GEC2	58.69		P	08:16:02.805	0.3	82.7		6.86		TAS		20.2	1.42	m_e	mb 5.0
GTTG	60.77		P	08:16:16.663	-0.2	82.7		6.86		TAS		18.3	0.85	m_e	mb 4.9
GUNZ	59.42		P	08:16:07.621	0.0	82.7		6.86		TAS		18.3	0.91	m_e	mb 5.1
MOX	59.84		P	08:16:10.334	-0.6	82.7		6.86		TAS		17.5	0.86	m_e	mb 5.1
NEUB	59.68		P	08:16:09.080	-0.1	82.7		6.86		TAS		28.0	0.82	m_e	mb 5.3
NRDL	60.57		P	08:16:15.354	0.0	82.7		6.86		TAS		40.9	0.89	m_e	mb 5.3
PLN	59.51		P	08:16:08.076	-0.2	82.7		6.86		TAS		12.0	0.67	m_e	mb 5.1
RUE	58.33		P	08:15:59.542	-0.3	82.7		6.86		TAS		36.9	0.52	m_e	mb 5.7
TANN	59.33		P	08:16:06.905	-0.1	82.7		6.86		TAS		13.8	0.81	m_e	mb 5.0
TNS	61.90		P	08:16:24.640	-0.2	82.7		6.86		TAS		29.7	0.84	m_e	mb 5.5
UBR	61.22		P	08:16:19.621	0.1	82.7		6.86		TAS		24.8	0.78	m_e	mb 5.1
WERD	59.42		P	08:16:07.548	-0.1	82.7		6.86		TAS		21.4	0.87	m_e	mb 5.2
WERN	59.40		P	08:16:07.292	0.1	82.7		6.86		TAS		8.7	0.85	m_e	mb 4.8
WET	59.20		P	08:16:06.250	0.0	82.7		6.86		TAS		15.3	0.83	m_e	mb 5.1

Event 50512005 Xizang

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/12	08:13:58.99			28.1900	86.0950				33.0			16		57.66	62.78	m i ke	BGR
OrigID 50512011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50512011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	59.54		P	08:23:58.131	-0.4	81.3		6.91		TAS				m_e	
BRG	57.66		P	08:23:45.524	0.0	81.3		6.91		TAS		15.7	0.88	m_e	mb 5.1
CLZ	59.76		P	08:23:59.993	0.2	81.3		6.91		TAS		26.7	0.81	m_e	mb 5.3
FBE	58.02		P	08:23:48.375	0.3	81.3		6.91		TAS		41.4	1.28	m_e	mb 5.3

FLT1	59.17	P	08:23:55.106	0.1	81.3	6.91	TAS				m_e		
GEC2	58.05	P	08:23:48.119	-0.1	81.3	6.91	TAS	24.5	1.43	m_e mb		5.0	
GUNZ	58.74	P	08:23:53.224	0.3	81.3	6.91	TAS	16.0	1.09	m_e mb		5.0	
IBBN	61.28	P	08:24:10.548		81.3	6.91	TAS			m_e			
MANZ	58.93	P	08:23:54.641	-0.5	81.3	6.91	TAS	32.9	1.48	m_e mb		5.1	
MOX	59.15	P	08:23:55.339	-0.2	81.3	6.91	TAS	21.6	1.34	m_e mb		5.0	
NEUB	58.98	P	08:23:54.408	-0.7	81.3	6.91	TAS			m_e			
NRDL	59.83	P	08:24:00.923	0.1	81.3	6.91	TAS	59.8	1.29	m_e mb		5.5	
ROTZ	58.90	P	08:23:54.408	-0.2	81.3	6.91	TAS	40.2	1.41	m_e mb		5.3	
TNS	61.22	P	08:24:09.765		81.3	6.91	TAS	15.7	0.88	m_e mb		4.9	
WET	58.55	P	08:23:51.683	-0.0	81.3	6.91	TAS	22.6	1.33	m_e mb		5.0	
WLF	62.78	P	08:24:21.077		81.3	6.91	TAS	36.1	1.30	m_e mb		5.3	

Event 50512006 Nepal

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/12	08:21:14.43			27.3820	85.6410				33.0			27		57.59	63.05	m i ke	BGR
OrigID 50512012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50512012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	57.94	P		08:31:02.774	-0.4	82.3		6.89	TAS			29.2	0.87	a_e mb	5.3
BSEG	59.86	P		08:31:16.582	0.8	82.3		6.89	TAS			34.1	0.92	m_e mb	5.4
BUG	62.03	P		08:31:30.981	-0.0	82.3		6.89	TAS			33.1	1.14	m_e mb	5.5
CLL	58.49	P		08:31:06.614	-0.3	82.3		6.89	TAS			9.5	0.82	m_e mb	4.9
CLZ	60.06	P		08:31:17.618	-0.0	82.3		6.89	TAS			46.8	0.86	m_e mb	5.5
FBE	58.30	P		08:31:05.816	0.1	82.3		6.89	TAS			39.2	0.91	m_e mb	5.4
FLT1	59.47	P		08:31:12.913	-0.6	82.3		6.89	TAS			27.6	1.02	m_e mb	5.2
GEC2	58.29	P		08:31:05.736	0.1	82.3		6.89	TAS			28.7	1.33	m_e mb	5.1
GTTG	60.35	P		08:31:19.765	0.1	82.3		6.89	TAS			31.2	1.00	m_e mb	5.3
GUNZ	59.01	P		08:31:10.324	-0.2	82.3		6.89	TAS			22.0	0.92	a_e mb	5.2
IBBN	61.60	P		08:31:27.826	-0.3	82.3		6.89	TAS			45.9	1.15	m_e mb	5.6
LNIZ	57.59	P		08:31:00.104	-0.2	82.3		6.89	TAS			33.8	0.85	m_e mb	5.4
MANZ	59.20	P		08:31:12.275	0.4	82.3		6.89	TAS			33.6	1.35	m_e mb	5.2
MOX	59.43	P		08:31:13.472	0.0	82.3		6.89	TAS			20.7	1.03	m_e mb	5.1
NEUB	59.27	P		08:31:12.046	-0.2	82.3		6.89	TAS			33.9	0.98	m_e mb	5.3
NRDL	60.14	P		08:31:18.575	0.5	82.3		6.89	TAS			53.9	1.01	m_e mb	5.5
PLN	59.10	P		08:31:11.239	0.0	82.3		6.89	TAS			13.2	0.85	m_e mb	5.0
RJOB	59.03	P		08:31:10.374	-0.2	82.3		6.89	TAS					a_e	
ROTZ	59.16	P		08:31:12.275	0.7	82.3		6.89	TAS			31.2	0.90	m_e mb	5.3
RUE	57.91	P		08:31:02.713	-0.0	82.3		6.89	TAS			46.5	0.91	m_e mb	5.5
STU	61.26	P		08:31:26.071	0.0	82.3		6.89	TAS			36.6	1.01	m_e mb	5.2
TANN	58.92	P		08:31:09.724	-0.2	82.3		6.89	TAS			15.1	0.91	m_e mb	5.0
TNS	61.50	P		08:31:27.587	-0.1	82.3		6.89	TAS			27.2	0.86	m_e mb	5.1

WERD	59.02	P	08:31:10.521	-0.1	82.3	6.89	TAS	20.5	0.84	m_e	mb	5.2
WERN	58.99	P	08:31:10.441	0.0	82.3	6.89	TAS	13.3	0.96	m_e	mb	4.9
WET	58.80	P	08:31:09.325	0.2	82.3	6.89	TAS	23.3	0.98	m_e	mb	5.2
WLF	63.05	P	08:31:38.432		82.3	6.89	TAS	44.4	1.02	m_e	mb	5.5

Event 50512012 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/12	10:03:25.81			-15.8960	-173.3620				33.0			14		145.11	148.18	m i ke	BGR
50512018																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.63		PKPbc	10:23:06.012	-0.2	7.9		3.20		TAS				m_e	
FUR	147.60		PKPbc	10:23:06.196	0.2	7.9		3.20		TAS				m_e	
GEC2	146.63		PKPbc	10:23:03.122	0.0	7.9		3.20		TAS				m_e	
GRA1	146.09		PKPbc	10:23:01.671	0.5	7.9		3.20		TAS				m_e	
GUNZ	145.31		PKPbc	10:22:58.511	-0.2	7.9		3.20		TAS				m_e	
MOX	145.11		PKPbc	10:22:57.743	-0.3	7.9		3.20		TAS				m_e	
RJOB	147.84		PKPbc	10:23:06.708	-0.2	7.9		3.20		TAS				m_e	
ROTZ	145.92		PKPbc	10:23:00.817	0.1	7.9		3.20		TAS				m_e	
TANN	145.25		PKPbc	10:22:58.426	-0.1	7.9		3.20		TAS				m_e	
TNS	145.73		PKPbc	10:23:00.134	-0.1	7.9		3.20		TAS				m_e	
UBR	148.18		PKPbc	10:23:07.733	-0.2	7.9		3.20		TAS				m_e	
WERD	145.23		PKPbc	10:22:58.511	0.0	7.9		3.20		TAS				m_e	
WET	146.45		PKPbc	10:23:02.781	0.3	7.9		3.20		TAS				m_e	
WLF	146.32		PKPbc	10:23:02.610	0.2	7.9		3.20		TAS				m_e	

Event 50512017 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/12	21:13:01.91			39.4790	142.2920				33.0			36		76.64	83.51	m i ke	BGR
50512023																	

Magnitude Err Nsta Author OrigID

mb	6.7		BGR	50512023
MBB	7.1		BGR	50512023
Ms	6.7		BGR	50512023

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	82.12		P	21:25:17.492	0.3	36.1		5.32		TAS		616.7	1.21	a_e	MBB 7.0
ASSE	79.53		P	21:25:03.792	0.3	36.1		5.32		TAS		588.4	1.27	a_e	MBB 7.1

BFO	83.51	P	21:25:24.592		36.1	5.32	TAS	1370.2	1.30	a_e	MBB	7.3
BRG	79.30	P	21:25:02.492	-0.5	36.1	5.32	TAS	523.2	1.12	a_e	MBB	7.0
BSEG	78.19	P	21:24:56.642	0.0	36.1	5.32	TAS	1055.1	1.16	a_e	MBB	7.2
BUG	81.30	P	21:25:12.892	-0.0	36.1	5.32	TAS	758.4	1.32	a_e	MBB	6.9
CLL	79.32	P	21:25:02.242	0.0	36.1	5.32	TAS	858.6	1.09	a_e	MBB	7.0
CLZ	79.87	P	21:25:05.942	-0.3	36.1	5.32	TAS	1222.9	1.24	a_e	MBB	7.0
FBE	79.49	P	21:25:03.742	0.0	36.1	5.32	TAS	1394.4	1.41	a_e	MBB	6.9
FLT1	79.16	P	21:25:01.242	-0.1	36.1	5.32	TAS	1110.3	1.21	a_e	MBB	7.0
FUR	82.51	P	21:25:19.742	-0.2	36.1	5.32	TAS	1369.2	1.36	a_e	MBB	7.3
GRA1	81.30	P	21:25:13.642	-0.3	36.1	5.32	TAS	1851.7	1.37	a_e	MBB	7.2
GRA1	81.30	L	22:07:24.735				T__	30796.5	19.10	a_e	Ms	6.7
GTTG	80.26	P	21:25:07.792	-0.2	36.1	5.32	TAS	835.0	1.17	a_e	MBB	6.8
GUNZ	80.33	P	21:25:08.242	0.2	36.1	5.32	TAS	583.6	1.27	a_e	MBB	6.7
HLG	78.81	P	21:25:00.042	-0.6	36.1	5.32	TAS	800.6	1.15	a_e	MBB	7.1
IBBN	80.41	P	21:25:08.392	-0.1	36.1	5.32	TAS	1165.7	1.29	m_e	MBB	7.0
KAST	81.10	P	21:25:12.142	0.4	36.1	5.32	TAS	591.7	1.40	a_e	MBB	6.9
LNIZ	77.14	P	21:24:50.792	-0.3	36.1	5.32	TAS	2157.1	1.28	a_e	MBB	7.5
MOX	80.38	P	21:25:08.342	-0.0	36.1	5.32	TAS	670.8	1.35	a_e	MBB	6.9
MOX	80.38	L	22:07:05.399				T__	34719.3	19.30	a_e	Ms	6.7
NEUB	79.88	P	21:25:05.392	0.1	36.1	5.32	TAS	1160.5	1.17	a_e	MBB	6.9
NRDL	79.44	P	21:25:03.292	0.1	36.1	5.32	TAS	501.3	1.20	a_e	MBB	6.9
PLN	80.30	P	21:25:07.992	0.2	36.1	5.32	TAS	864.3	1.69	a_e	MBB	6.8
RGN	76.64	P	21:24:48.142	-0.2	36.1	5.32	TAS	1909.5	1.24	m_e	MBB	7.4
RJOB	82.25	P	21:25:18.592	0.1	36.1	5.32	TAS	3420.2	1.07	a_e	MBB	7.8
ROTZ	80.86	P	21:25:11.292	0.3	36.1	5.32	TAS	1254.0	1.52	a_e	MBB	7.1
RUE	78.10	P	21:24:56.092	-0.1	36.1	5.32	TAS	1416.9	1.30	a_e	MBB	7.3
SKMB	77.86	P	21:24:55.392	0.6	36.1	5.32	TAS	2656.4	1.42	a_e	MBB	7.5
STU	82.82	P	21:25:21.092	0.2	36.1	5.32	TAS	1058.4	1.45	a_e	MBB	7.2
TANN	80.24	P	21:25:07.692	0.1	36.1	5.32	TAS	440.5	1.34	a_e	MBB	6.8
TNS	81.90	P	21:25:16.342	-0.1	36.1	5.32	TAS	530.9	1.33	a_e	MBB	7.0
UBBA	80.84	P	21:25:10.692	0.4	36.1	5.32	TAS	918.8	1.73	a_e	MBB	6.9
UBR	83.36	P	21:25:23.742	-0.4	36.1	5.32	TAS	491.4	1.29	a_e	MBB	7.2
WERD	80.27	P	21:25:07.516	0.1	36.1	5.32	TAS	691.1	1.49	m_e	MBB	6.7
WERN	80.37	P	21:25:08.492	0.0	36.1	5.32	TAS	578.1	1.18	a_e	MBB	6.7
WET	81.09	P	21:25:12.442	0.0	36.1	5.32	TAS	828.7	1.42	a_e	MBB	7.0
WLF	83.18	P	21:25:23.392	-0.5	36.1	5.32	TAS	1165.1	1.71	a_e	MBB	7.3

Event 50513002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/13	10:48:01.83			-23.1500	-180.0900				566.8	2.3		25		148.27	153.99	m i ke	BGR
50513008																	

Magnitude Err Nsta Author OrigID

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

ASSE	149.91	PKPbc	11:06:48.329	-0.1	21.5	2.23	TAS	m_e
BFO	153.99	PKPbc	11:06:57.370	0.3	21.5	2.23	TAS	m_e
BFO	153.99	pPKPbc	11:09:08.153	0.4			T__	m_e
BRG	150.25	PKPbc	11:06:49.236	-0.1	21.5	2.23	TAS	m_e
BSEG	148.27	PKPbc	11:06:44.523		21.5	2.23	TAS	m_e
CLL	150.12	PKPbc	11:06:48.885	-0.2	21.5	2.23	TAS	m_e
CLZ	150.24	PKPbc	11:06:49.221	0.4	21.5	2.23	TAS	m_e
FBE	150.37	PKPbc	11:06:49.568	0.3	21.5	2.23	TAS	m_e
FLT1	149.60	PKPbc	11:06:47.455	-0.3	21.5	2.23	TAS	m_e
GEC2	152.13	PKPbc	11:06:53.252	-0.3	21.5	2.23	TAS	m_e
GEC2	152.13	pPKPbc	11:09:04.953	0.4			T__	m_e
GTTG	150.60	PKPbc	11:06:50.043	0.3	21.5	2.23	TAS	m_e
GUNZ	151.15	PKPbc	11:06:51.262	0.0	21.5	2.23	TAS	m_e
IBBN	150.27	PKPbc	11:06:49.103	0.3	21.5	2.23	TAS	m_e
KAST	151.23	PKPbc	11:06:51.262	-0.3	21.5	2.23	TAS	m_e
MANZ	151.56	PKPbc	11:06:52.036	0.2	21.5	2.23	TAS	m_e
MOX	151.08	PKPbc	11:06:51.017	-0.0	21.5	2.23	TAS	m_e
NEUB	150.53	PKPbc	11:06:49.853	0.2	21.5	2.23	TAS	m_e
NRDL	149.68	PKPbc	11:06:47.979	0.0	21.5	2.23	TAS	m_e
RJOB	153.39	PKPbc	11:06:56.373	0.3	21.5	2.23	TAS	m_e
ROTZ	151.73	PKPbc	11:06:52.402	-0.0	21.5	2.23	TAS	m_e
TANN	151.07	PKPbc	11:06:51.157	0.1	21.5	2.23	TAS	m_e
TNS	152.16	PKPbc	11:06:53.218	0.3	21.5	2.23	TAS	m_e
UBBA	151.28	PKPbc	11:06:51.227	-0.3	21.5	2.23	TAS	m_e
WERD	151.08	PKPbc	11:06:51.192	0.1	21.5	2.23	TAS	m_e
WERN	151.21	PKPbc	11:06:51.483	0.4	21.5	2.23	TAS	m_e
WET	152.11	PKPbc	11:06:53.259	-0.5	21.5	2.23	TAS	m_e

Event 50513005 East of North Island, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/13	19:18:19.72			-35.3460	-179.3300				33.0			19		160.50	165.84	m i ke	BGR
50513011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	161.76		PKPab	19:38:59.696	0.4	33.1		4.36		TAS					m_e
BFO	165.84		PKPab	19:39:17.243		33.1		4.36		TAS					m_e
BRG	161.75		PKPab	19:38:59.449	0.6	33.1		4.36		TAS					m_e
CLL	161.74		PKPab	19:38:58.550	-0.2	33.1		4.36		TAS					m_e
CLZ	162.10		PKPab	19:39:00.923	0.1	33.1		4.36		TAS					m_e
FBE	161.93		PKPab	19:38:59.628	0.0	33.1		4.36		TAS					m_e
FLT1	161.42		PKPab	19:38:57.680	-0.1	33.1		4.36		TAS					m_e
GEC2	163.44		PKPab	19:39:05.359	0.1	33.1		4.36		TAS					m_e
GRA1	163.72		PKPab	19:39:07.466	-0.3	33.1		4.36		TAS					m_e

GTTG	162.48	PKPab	19:39:02.431	-0.0	33.1	4.36	TAS	m_e
GUNZ	162.76	PKPab	19:39:03.745	-0.0	33.1	4.36	TAS	m_e
HLG	160.50	PKPab	19:38:55.451	-0.0	33.1	4.36	TAS	m_e
IBBN	162.31	PKPab	19:39:02.320	-0.4	33.1	4.36	TAS	m_e
MOX	162.77	PKPab	19:39:03.307	-0.0	33.1	4.36	TAS	m_e
NRDL	161.59	PKPab	19:38:58.538	-0.2	33.1	4.36	TAS	m_e
RJOB	164.67	PKPab	19:39:12.085	0.4	33.1	4.36	TAS	m_e
ROTZ	163.30	PKPab	19:39:05.824	-1.1	33.1	4.36	TAS	m_e
TNS	164.09	PKPab	19:39:09.328	0.1	33.1	4.36	TAS	m_e
UBBA	163.12	PKPab	19:39:05.099	0.2	33.1	4.36	TAS	m_e

Event 50513006 Nepal-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/13	21:38:01.62			26.7350	86.3940				23.3	0.4		27		58.87	63.98	m i ke	BGR
OrigID 50513012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50513012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	63.24		P	21:48:29.382	0.3	82.3		6.83		TAS		7.4	0.76	m_e mb	4.9
AHRW	63.24		pP	21:48:35.741	0.5					T__				m_e	
BFO	62.83		P	21:48:26.133	-0.1	82.3		6.83		TAS				m_e	
BRG	58.87		P	21:47:59.169	-0.2	82.3		6.83		TAS		6.9	0.69	m_e mb	4.8
BSEG	60.79		P	21:48:12.048	0.5	82.3		6.83		TAS		9.3	0.84	m_e mb	4.6
BUG	62.96		P	21:48:27.266	0.3	82.3		6.83		TAS		8.3	0.82	m_e mb	4.9
CLL	59.42		P	21:48:02.707	-0.7	82.3		6.83		TAS		2.9	0.80	m_e mb	4.4
CLZ	60.99		P	21:48:14.042	0.5	82.3		6.83		TAS		13.6	0.77	m_e mb	4.8
FBE	59.23		P	21:48:01.598	0.1	82.3		6.83		TAS		9.4	0.84	m_e mb	4.9
FLT1	60.40		P	21:48:09.444	0.4	82.3		6.83		TAS		6.6	0.80	m_e mb	4.7
FUR	60.91		P	21:48:13.689	0.1	82.3		6.83		TAS		8.4	0.66	m_e mb	4.7
GEC2	59.22		P	21:48:01.652	-0.3	82.3		6.83		TAS		2.0	0.72	m_e mb	4.2
GRA1	60.73		P	21:48:12.629	0.2	82.3		6.83		TAS		4.0	0.67	m_e mb	4.4
GUNZ	59.94		P	21:48:06.845	-0.0	82.3		6.83		TAS		4.9	0.69	m_e mb	4.7
IBBN	62.53		P	21:48:24.136	-0.9	82.3		6.83		TAS		7.5	0.74	m_e mb	4.9
KAST	62.29		P	21:48:22.791	-0.2	82.3		6.83		TAS		3.3	0.87	m_e mb	4.6
MANZ	60.13		P	21:48:08.289	0.1	82.3		6.83		TAS				m_e	
MOX	60.36		P	21:48:09.500	-0.6	82.3		6.83		TAS		6.0	0.89	m_e mb	4.6
NEUB	60.20		P	21:48:08.618	1.1	82.3		6.83		TAS		8.1	0.89	m_e mb	4.8
NRDL	61.07		P	21:48:14.253	-0.4	82.3		6.83		TAS		12.6	0.86	m_e mb	4.8
NRDL	61.07		pP	21:48:20.814	0.5					T__				m_e	
RJOB	59.96		P	21:48:06.951	1.1	82.3		6.83		TAS				m_e	
ROTZ	60.09		P	21:48:08.037	0.1	82.3		6.83		TAS		7.6	0.74	m_e mb	4.8
TANN	59.85		P	21:48:06.017	-0.3	82.3		6.83		TAS		3.5	0.69	m_e mb	4.5
TNS	62.43		P	21:48:23.682	-0.1	82.3		6.83		TAS		7.0	0.78	m_e mb	5.0

UBR	61.76	P	21:48:18.837	0.2	82.3	6.83	TAS	7.1	0.74	m_e	mb	5.0
WERD	59.95	P	21:48:06.926	0.0	82.3	6.83	TAS	6.9	0.81	m_e	mb	4.7
WERN	59.92	P	21:48:06.840	0.0	82.3	6.83	TAS	3.0	0.77	m_e	mb	4.4
WET	59.73	P	21:48:05.140	-0.0	82.3	6.83	TAS	5.3	0.82	m_e	mb	4.6
WLF	63.98	P	21:48:34.508		82.3	6.83	TAS	9.8	0.87	m_e	mb	5.0
WLF	63.98	pP	21:48:41.019	0.5			T__				m_e	

Event 50514001 Norfolk Island, Australia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/14	08:02:40.54			-29.4130	169.8090				33.0					154.03	154.03	m i ke	BGR
OrigID 50514007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	154.03		PKPbc	08:22:37.135		46.3		1.32		TAS				m_e	

Event 50514002 Norfolk Island, Australia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/14	12:30:21.54			-27.2680	171.6040				457.9	12.2		9		149.85	154.99	m i ke	BGR
OrigID 50514008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	150.00		PKPbc	12:49:16.618	-0.1	41.1		1.87		TAS				m_e	
BUG	153.11		PKPbc	12:49:22.865		41.1		1.87		TAS				m_e	
CLL	151.04		PKPbc	12:49:18.446	0.4	41.1		1.87		TAS				m_e	
CLZ	151.68		PKPbc	12:49:19.917		41.1		1.87		TAS				m_e	
FBE	151.18		PKPbc	12:49:19.029	-0.3	41.1		1.87		TAS				m_e	
FLT1	150.96		PKPbc	12:49:18.481	-0.1	41.1		1.87		TAS				m_e	
GEC2	152.49		PKPbc	12:49:21.046		41.1		1.87		TAS				m_e	
GUNZ	152.03		PKPbc	12:49:20.574		41.1		1.87		TAS				m_e	
IBBN	152.21		PKPbc	12:49:20.951		41.1		1.87		TAS				m_e	
KAST	152.91		PKPbc	12:49:22.288		41.1		1.87		TAS				m_e	
MANZ	152.40		PKPbc	12:49:21.186		41.1		1.87		TAS				m_e	
MILB	153.69		PKPbc	12:49:23.504	0.3	41.1		1.87		TAS				m_e	
MOX	152.12		PKPbc	12:49:20.517		41.1		1.87		TAS				m_e	
NRDL	151.25		PKPbc	12:49:18.962		41.1		1.87		TAS				m_e	
NRDL	151.25		pPKPbc	12:51:10.690						T__				m_e	
ROTZ	152.52		PKPbc	12:49:21.360		41.1		1.87		TAS				m_e	

ROTZ	152.52	pPKPbc	12:51:08.074							T__						m_e
RUE	149.85	PKPbc	12:49:15.925	0.3	41.1		1.87			TAS						m_e
TANN	151.93	PKPbc	12:49:20.284		41.1		1.87			TAS						m_e
UBBA	152.63	PKPbc	12:49:21.751		41.1		1.87			TAS						m_e
WERD	151.98	PKPbc	12:49:20.387		41.1		1.87			TAS						m_e
WERN	152.06	PKPbc	12:49:20.510		41.1		1.87			TAS						m_e
WET	152.67	PKPbc	12:49:21.562		41.1		1.87			TAS						m_e
WLF	154.99	PKPbc	12:49:25.925		41.1		1.87			TAS						m_e

Event 50514003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/14	12:43:57.27			-21.8290	-177.4770				493.4			31		147.40	153.49	m i ke	BGR
OrigID																	
50514009																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.10		PKPbc	13:02:49.535	-0.1	17.0		2.36		TAS					m_e
BFO	153.15		PKPbc	13:02:59.245	-0.2	17.0		2.36		TAS					m_e
BSEG	147.40		PKPbc	13:02:45.584	-0.3	17.0		2.36		TAS					m_e
BUG	150.21		PKPbc	13:02:52.559	-0.4	17.0		2.36		TAS					m_e
CLL	149.46		PKPbc	13:02:50.664	0.0	17.0		2.36		TAS					m_e
CLZ	149.43		PKPbc	13:02:50.700	0.2	17.0		2.36		TAS					m_e
FBE	149.75		PKPbc	13:02:51.530	0.3	17.0		2.36		TAS					m_e
FLT1	148.82		PKPbc	13:02:48.871	-0.3	17.0		2.36		TAS					m_e
FUR	152.80		PKPbc	13:02:58.573	-0.3	17.0		2.36		TAS					m_e
GEC2	151.61		PKPbc	13:02:55.889	-0.3	17.0		2.36		TAS					m_e
GTTG	149.78		PKPbc	13:02:51.458	0.3	17.0		2.36		TAS					m_e
GUNZ	150.49		PKPbc	13:02:53.228	0.3	17.0		2.36		TAS					m_e
IBBN	149.31		PKPbc	13:02:50.322	-0.3	17.0		2.36		TAS					m_e
IBBN	149.31		pPKPbc	13:04:46.528	0.2					T__					m_e
KAST	150.32		PKPbc	13:02:52.841	0.0	17.0		2.36		TAS					m_e
MANZ	150.90		PKPbc	13:02:54.336	0.3	17.0		2.36		TAS					m_e
MILB	151.55		PKPbc	13:02:55.830	0.2	17.0		2.36		TAS					m_e
MOX	150.37		PKPbc	13:02:52.696	0.2	17.0		2.36		TAS					m_e
NEUB	149.81		PKPbc	13:02:51.433	0.3	17.0		2.36		TAS					m_e
NRDL	148.83		PKPbc	13:02:49.042	-0.2	17.0		2.36		TAS					m_e
RJOB	152.86		PKPbc	13:02:58.572	-0.4	17.0		2.36		TAS					m_e
ROTZ	151.09		PKPbc	13:02:54.752	-0.1	17.0		2.36		TAS					m_e
RUE	148.20		PKPbc	13:02:47.419	-0.3	17.0		2.36		TAS					m_e
STU	152.59		PKPbc	13:02:58.178	0.1	17.0		2.36		TAS					m_e
TANN	150.42		PKPbc	13:02:52.885	0.1	17.0		2.36		TAS					m_e
TNS	151.28		PKPbc	13:02:55.190	0.1	17.0		2.36		TAS					m_e
UBBA	150.48		PKPbc	13:02:52.927	-0.1	17.0		2.36		TAS					m_e
UBR	153.49		PKPbc	13:02:59.886	-0.3	17.0		2.36		TAS					m_e

WERD	150.42	PKPbc	13:02:52.922	0.3	17.0	2.36	TAS	m_e
WERN	150.56	PKPbc	13:02:53.439	0.2	17.0	2.36	TAS	m_e
WET	151.53	PKPbc	13:02:55.616	0.1	17.0	2.36	TAS	m_e
WLF	152.07	PKPbc	13:02:57.666	0.5	17.0	2.36	TAS	m_e

Event 50514004 Eastern Arabian Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2015/05/14	16:01:30.66			23.2940	59.0330				33.0			36		43.76	48.92	m i ke	BGR
50514010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50514010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	48.37		P	16:10:09.219	0.2	107.5		7.91		TAS				m_e	
ASSE	46.67		P	16:09:55.667	-0.1	107.5		7.91		TAS		48.2	0.93	m_e mb	5.6
BFO	47.04		P	16:09:58.879	-0.4	107.5		7.91		TAS				m_e	
BSEG	47.48		P	16:10:01.377	-0.5	107.5		7.91		TAS		51.6	0.95	m_e mb	5.6
BUG	48.48		P	16:10:10.184	0.1	107.5		7.91		TAS		77.0	0.90	m_e mb	5.8
CLL	45.03		P	16:09:43.094	0.3	107.5		7.91		TAS		109.0	0.87	m_e mb	5.8
CLZ	46.75		P	16:09:56.594	0.1	107.5		7.91		TAS		67.8	0.78	m_e mb	5.8
FBE	44.68		P	16:09:40.197	0.0	107.5		7.91		TAS		16.5	0.81	m_e mb	5.0
FLT1	46.41		P	16:09:53.413	-0.4	107.5		7.91		TAS		76.4	0.87	m_e mb	5.7
FUR	45.10		P	16:09:43.905	0.4	107.5		7.91		TAS		1543.2	2.28	m_e mb	6.5
GEC2	43.76		P	16:09:32.824	-0.0	107.5		7.91		TAS		25.7	0.78	m_e mb	5.0
GRA1	45.57		P	16:09:47.381	0.3	107.5		7.91		TAS		54.3	0.73	m_e mb	5.7
GTTG	46.90		P	16:09:57.576	0.4	107.5		7.91		TAS		26.8	0.85	m_e mb	5.4
GUNZ	45.10		P	16:09:43.441	-0.2	107.5		7.91		TAS		8.2	0.82	m_e mb	4.7
HLG	48.92		P	16:10:13.034	0.1	107.5		7.91		TAS				m_e	
IBBN	48.43		P	16:10:09.515	-0.3	107.5		7.91		TAS		67.9	0.94	m_e mb	5.8
KAST	47.73		P	16:10:04.642	0.2	107.5		7.91		TAS		48.8	0.83	m_e mb	5.7
LNIZ	45.17		P	16:09:42.804	-0.2	107.5		7.91		TAS		95.5	0.96	m_e mb	5.7
MANZ	45.12		P	16:09:43.731	-0.1	107.5		7.91		TAS		12.6	0.85	m_e mb	4.9
MILB	46.81		P	16:09:56.710	-0.5	107.5		7.91		TAS				m_e	
MOX	45.63		P	16:09:47.671	-0.1	107.5		7.91		TAS		26.8	0.83	m_e mb	5.3
NEUB	45.71		P	16:09:48.598	0.2	107.5		7.91		TAS		98.2	0.77	m_e mb	5.9
NRDL	47.12		P	16:09:59.375	0.2	107.5		7.91		TAS		77.3	0.86	m_e mb	5.9
RGN	46.08		P	16:09:49.976	0.5	107.5		7.91		TAS		135.8	0.73	m_e mb	6.1
RJOB	44.00		P	16:09:34.804	0.8	107.5		7.91		TAS				m_e	
ROTZ	44.99		P	16:09:42.746	-0.0	107.5		7.91		TAS		64.6	0.77	m_e mb	5.6
RUE	45.01		P	16:09:42.248	-0.6	107.5		7.91		TAS				m_e	
SKMB	48.24		P	16:10:07.280	0.8	107.5		7.91		TAS		85.9	0.88	m_e mb	5.9
STU	46.59		P	16:09:54.986	-0.6	107.5		7.91		TAS		24.0	0.89	m_e mb	5.3
TANN	45.04		P	16:09:42.912	-0.6	107.5		7.91		TAS		5.8	0.76	m_e mb	4.6
TNS	47.44		P	16:10:01.919	0.4	107.5		7.91		TAS		46.8	0.86	m_e mb	5.6

UBBA	46.66	P	16:09:55.841	-0.1	107.5	7.91	TAS	11.3	0.76	m_e	mb	5.1
UBR	45.73	P	16:09:48.199	0.6	107.5	7.91	TAS	92.3	0.77	m_e	mb	5.9
WERD	45.15	P	16:09:43.673	-0.3	107.5	7.91	TAS	11.6	0.94	m_e	mb	4.8
WERN	45.05	P	16:09:43.210	-0.0	107.5	7.91	TAS	13.6	1.06	m_e	mb	4.8
WET	44.37	P	16:09:37.589	-0.3	107.5	7.91	TAS	13.6	0.81	m_e	mb	4.7
WLF	48.74	P	16:10:12.122		107.5	7.91	TAS			m_e		

Event 50515001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/15	00:49:45.39	0.80	1.13	43.0740	19.7010	27.8	11.1	38	10.0			10	339	5.02	8.17	m i ke	BGR
OrigID 50515007																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.3		BGR	50515007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	5.11		Sn	00:51:55.785	-0.3					T__				m_e	
ARSA	5.11		Pn	00:50:59.296	-1.6					T__				m_e	ML 3.8
DAVA	8.11		Sn	00:53:08.016	0.6					T__				m_e	
DAVA	8.11		Pn	00:51:42.087	0.1					T__				m_e	ML 4.5
GEC2	7.12		Pn	00:51:28.739	0.3					T__				m_e	
KBA	6.02		Sn	00:52:16.762	-0.9					T__				m_e	
KBA	6.02		Pn	00:51:11.636	-1.7					T__				m_e	ML 4.1
MOA	6.12		Sn	00:52:20.021	0.1					T__				m_e	
MOA	6.12		Pn	00:51:13.800	-0.8					T__				m_e	ML 4.0
OBKA	5.02		Sg	00:52:23.955	0.5					T__				m_e	
OBKA	5.02		Pn	00:51:00.167	0.6					T__				m_e	ML 4.3
RJOB	6.73		Sn	00:52:34.846	0.2					T__				m_e	
RJOB	6.73		Pn	00:51:22.384	-0.7					T__				m_e	ML 4.2
UBR	8.17		Sg	00:53:59.855	-1.8					T__				m_e	
UBR	8.17		Pg	00:52:15.233	1.9					T__				m_e	ML 4.8
WET	7.70		Pn	00:51:38.795	2.5					T__				m_e	
WET	7.70		Pg	00:52:05.387	0.6					T__				m_e	
WTTA	7.07		Sn	00:52:44.079	1.4					T__				m_e	
WTTA	7.07		Pn	00:51:26.761	-1.0					T__				m_e	ML 4.7

Event 50515002 Nepal-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/15	01:42:33.51			26.6190	85.4110				10.0			16		58.33	62.44	m i ke	BGR
OrigID 50515008																	

Magnitude Err Nsta Author OrigID
mb 4.6 BGR 50515008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	60.25		P	01:52:41.467	0.7	83.1		6.87		TAS		16.2	1.45	m_e mb	4.8
BRG	58.33		P	01:52:28.686	-0.2	83.1		6.87		TAS		4.0	0.67	m_e mb	4.6
BSEG	60.29		P	01:52:42.075	0.2	83.1		6.87		TAS		10.2	0.82	m_e mb	4.9
BUG	62.44		P	01:52:57.208	0.2	83.1		6.87		TAS		9.3	0.89	m_e mb	5.0
CLZ	60.47		P	01:52:43.850	0.3	83.1		6.87		TAS		9.5	0.79	m_e mb	4.9
FBE	58.70		P	01:52:31.652	0.1	83.1		6.87		TAS		3.3	0.71	m_e mb	4.5
FLT1	59.89		P	01:52:39.085	-1.1	83.1		6.87		TAS		5.1	0.85	m_e mb	4.6
GEC2	58.66		P	01:52:31.176	-0.2	83.1		6.87		TAS		2.3	1.00	m_e mb	4.2
GTTG	60.76		P	01:52:45.756	-0.1	83.1		6.87		TAS		4.9	0.77	m_e mb	4.4
IBBN	62.01		P	01:52:53.952		83.1		6.87		TAS		6.4	0.84	m_e mb	4.9
MANZ	59.58		P	01:52:37.718	-0.1	83.1		6.87		TAS		2.0	0.86	m_e mb	4.2
MOX	59.82		P	01:52:39.276	-0.5	83.1		6.87		TAS		2.2	0.77	m_e mb	4.2
NRDL	60.56		P	01:52:44.517	0.1	83.1		6.87		TAS		11.1	0.83	m_e mb	4.7
RJOB	59.38		P	01:52:36.433	0.2	83.1		6.87		TAS		11.2	0.76	m_e mb	5.0
ROTZ	59.54		P	01:52:37.637	0.4	83.1		6.87		TAS		3.9	0.74	m_e mb	4.5
STU	61.62		P	01:52:51.665	-0.2	83.1		6.87		TAS		5.5	0.84	m_e mb	4.8
TANN	59.31		P	01:52:35.559	-0.3	83.1		6.87		TAS		1.9	0.69	m_e mb	4.2
WET	59.17		P	01:52:34.892	0.0	83.1		6.87		TAS		2.7	0.83	m_e mb	4.3

Event 50515003 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/15	03:30:41.63			37.8270	141.4580				59.4			33		78.27	84.63	m i ke	BGR
OrigID 50515009																	

Magnitude Err Nsta Author OrigID
mb 5.1 BGR 50515009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.29		P	03:43:00.558	0.4	37.5		5.23		TAS		10.7	0.87	m_e mb	5.1
ASSE	80.68		P	03:42:46.436	0.2	37.5		5.23		TAS		9.1	0.99	m_e mb	4.8
BFO	84.63		P	03:43:06.741		37.5		5.23		TAS		26.6	0.88	m_e mb	5.5
BRG	80.39		P	03:42:45.099	-0.2	37.5		5.23		TAS		13.6	0.88	m_e mb	4.9
BSEG	79.37		P	03:42:39.174	-0.7	37.5		5.23		TAS		17.1	0.87	m_e mb	5.1
CLL	80.43		P	03:42:45.016	0.3	37.5		5.23		TAS		24.1	0.83	m_e mb	5.2
CLZ	81.02		P	03:42:48.379	0.2	37.5		5.23		TAS		18.0	0.94	m_e mb	5.1
FBE	80.59		P	03:42:46.395	0.1	37.5		5.23		TAS		23.0	0.80	m_e mb	5.3
FLT1	80.31		P	03:42:44.022	0.1	37.5		5.23		TAS		20.2	0.88	m_e mb	5.1
FUR	83.60		P	03:43:01.816	-0.0	37.5		5.23		TAS		37.0	0.77	m_e mb	5.7
GEC2	82.06		P	03:42:53.778	0.4	37.5		5.23		TAS		7.9	0.79	m_e mb	4.9
GRA1	82.40		P	03:42:55.669	-0.4	37.5		5.23		TAS		28.6	0.85	m_e mb	5.4
GTTG	81.41		P	03:42:50.405	-0.1	37.5		5.23		TAS		16.9	0.94	m_e mb	5.1

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GUNZ	81.43	P		03:42:50.364	0.0	37.5		5.23		TAS		10.6	0.88	m_e	mb	4.9
IBBN	81.60	P		03:42:51.575	0.0	37.5		5.23		TAS		25.4	0.88	m_e	mb	5.4
KAST	82.26	P		03:42:54.792	0.5	37.5		5.23		TAS		7.8	0.91	m_e	mb	4.8
LNIZ	78.27	P		03:42:33.861	-0.1	37.5		5.23		TAS		34.7	0.76	m_e	mb	5.6
MANZ	81.82	P		03:42:52.536	0.4	37.5		5.23		TAS		11.6	0.93	m_e	mb	5.0
MILB	83.05	P		03:42:58.899	0.1	37.5		5.23		TAS				m_e		
MOX	81.49	P		03:42:50.656	0.3	37.5		5.23		TAS		8.7	0.97	m_e	mb	4.8
NEUB	81.00	P		03:42:48.400	0.4	37.5		5.23		TAS		25.1	0.90	m_e	mb	5.2
NRDL	80.60	P		03:42:46.186	-0.1	37.5		5.23		TAS		8.1	0.82	m_e	mb	4.8
RJOB	83.30	P		03:43:00.349	0.4	37.5		5.23		TAS		85.2	0.84	m_e	mb	6.0
ROTZ	81.95	P		03:42:53.165	-0.6	37.5		5.23		TAS		7.1	0.76	m_e	mb	4.9
RUE	79.22	P		03:42:38.707	0.0	37.5		5.23		TAS		13.3	0.81	m_e	mb	5.0
SKMB	79.06	P		03:42:37.803	-0.5	37.5		5.23		TAS				m_e		
STU	83.94	P		03:43:03.566	-0.3	37.5		5.23		TAS		28.6	0.89	m_e	mb	5.5
TANN	81.34	P		03:42:50.030	-0.2	37.5		5.23		TAS		3.6	0.82	m_e	mb	4.4
TNS	83.05	P		03:42:58.970	0.1	37.5		5.23		TAS				m_e		
UBBA	81.98	P		03:42:53.157	-0.4	37.5		5.23		TAS		2.6	0.72	m_e	mb	4.5
UBR	84.45	P		03:43:06.156	-0.5	37.5		5.23		TAS		13.9	1.07	m_e	mb	5.1
WERD	81.38	P		03:42:50.209	0.1	37.5		5.23		TAS		5.9	0.82	m_e	mb	4.7
WERN	81.47	P		03:42:50.740	-0.2	37.5		5.23		TAS		11.4	0.87	m_e	mb	4.9
WET	82.17	P		03:42:54.326	0.0	37.5		5.23		TAS		10.4	0.90	m_e	mb	5.0

Event 50515006 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/15	10:21:30.70			-21.1780	175.6010				33.0			19		144.73	150.09	m i ke	BGR
OrigID 50515012																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	147.05		PKPbc	10:41:08.149	-0.0	29.1		2.68		TAS				m_e	
BSEG	145.43		PKPbc	10:41:03.877	-0.1	29.1		2.68		TAS				m_e	
CLL	146.99		PKPbc	10:41:07.849	-0.1	29.1		2.68		TAS				m_e	
CLZ	147.31		PKPbc	10:41:09.156	0.2	29.1		2.68		TAS				m_e	
FBE	147.21		PKPbc	10:41:08.478	-0.1	29.1		2.68		TAS				m_e	
FLT1	146.63		PKPbc	10:41:07.117	0.1	29.1		2.68		TAS				m_e	
GEC2	148.83		PKPbc	10:41:12.930	-0.1	29.1		2.68		TAS				m_e	
GRA1	148.96		PKPbc	10:41:13.528		29.1		2.68		TAS				m_e	
GUNZ	148.02		PKPbc	10:41:10.627	-0.1	29.1		2.68		TAS				m_e	
LNIZ	144.73		PKPbc	10:41:02.354	0.4	29.1		2.68		TAS				m_e	
MANZ	148.42		PKPbc	10:41:11.889	0.1	29.1		2.68		TAS				m_e	
MOX	148.00		PKPbc	10:41:10.903	0.2	29.1		2.68		TAS				m_e	
NRDL	146.79		PKPbc	10:41:07.573	0.0	29.1		2.68		TAS				m_e	
RJOB	150.09		PKPbc	10:41:16.642		29.1		2.68		TAS				m_e	
ROTZ	148.58		PKPbc	10:41:12.287	0.2	29.1		2.68		TAS				m_e	

SKMB	144.91	PKPbc	10:41:02.649	-0.1	29.1	2.68	TAS	m_e
TANN	147.94	PKPbc	10:41:10.093	-0.4	29.1	2.68	TAS	m_e
WERD	147.96	PKPbc	10:41:10.389	-0.2	29.1	2.68	TAS	m_e
WERN	148.07	PKPbc	10:41:10.891	-0.0	29.1	2.68	TAS	m_e

Event 50515007 New Caledonia region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/15	10:30:03.68			-25.4260	162.3300				33.0			13		144.74	147.44	m i ke	BGR
OrigID 50515013																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.77		PKPdf	10:49:38.706		53.3		1.71		TAS					m_e
BRG	144.91		PKPdf	10:49:37.340	0.2	53.3		1.71		TAS					m_e
BSEG	144.74		PKPdf	10:49:36.837	-0.3	53.3		1.71		TAS					m_e
CLL	145.14		PKPdf	10:49:37.574	0.0	53.3		1.71		TAS					m_e
CLZ	146.10		PKPdf	10:49:39.434		53.3		1.71		TAS					m_e
FBE	145.19		PKPdf	10:49:37.926	0.3	53.3		1.71		TAS					m_e
FLT1	145.38		PKPdf	10:49:37.984	-0.1	53.3		1.71		TAS					m_e
GEC2	146.16		PKPdf	10:49:39.364		53.3		1.71		TAS					m_e
GUNZ	146.04		PKPdf	10:49:38.921	0.2	53.3		1.71		TAS					m_e
HLG	145.58		PKPdf	10:49:38.823		53.3		1.71		TAS					m_e
KAST	147.44		PKPdf	10:49:41.778		53.3		1.71		TAS					m_e
MANZ	146.38		PKPdf	10:49:39.741		53.3		1.71		TAS					m_e
MOX	146.24		PKPdf	10:49:39.624		53.3		1.71		TAS					m_e
NEUB	145.83		PKPdf	10:49:38.787		53.3		1.71		TAS					m_e
NRDL	145.80		PKPdf	10:49:38.687	-0.2	53.3		1.71		TAS					m_e
RJOB	147.26		PKPdf	10:49:41.575		53.3		1.71		TAS					m_e
ROTZ	146.46		PKPdf	10:49:39.494		53.3		1.71		TAS					m_e
TANN	145.95		PKPdf	10:49:38.804	-0.3	53.3		1.71		TAS					m_e
WERD	146.01		PKPdf	10:49:39.038	0.5	53.3		1.71		TAS					m_e
WERN	146.07		PKPdf	10:49:38.824		53.3		1.71		TAS					m_e
WET	146.45		PKPdf	10:49:39.693		53.3		1.71		TAS					m_e

Event 50515008 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/15	15:56:59.46	0.63	1.86	43.0970	19.5660	40.0	13.3	41	10.0				15 338	4.94	9.44	m i ke	BGR
OrigID 50515014																	

Magnitude Err Nsta Author OrigID

ML 4.4 BGR 50515014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	5.04		Pn	15:58:12.529	-1.4					T__				m_e	
BFO	9.44		Sg	16:01:54.935	-0.2					T__				m_e	
BFO	9.44		Pg	15:59:52.039	1.9					T__				m_e	
DAVA	8.02		Pn	15:58:54.287	-0.5					T__				m_e	
FUR	7.71		Pg	15:59:22.724	3.7					T__				m_e	
GEC2	7.05		Pn	15:58:42.497	1.0					T__				m_e	
KBA	5.94		Sg	16:00:04.483	-1.5					T__				m_e	
KBA	5.94		Pn	15:58:24.537	-1.7					T__				m_e	ML 4.2
MANZ	8.59		Sg	16:01:29.144	0.4					T__				m_e	ML 4.1
MOA	6.04		Pn	15:58:26.442	-1.2					T__				m_e	
OBKA	4.94		Sg	15:59:33.352	-1.5					T__				m_e	
OBKA	4.94		Pn	15:58:13.923	1.4					T__				m_e	ML 4.4
RJOB	6.65		Pn	15:58:34.938	-1.1					T__				m_e	ML 4.2
SLE	9.08		Pn	15:59:06.128	-3.2					T__				m_e	
STU	9.18		Pn	15:59:09.261	-1.5					T__				m_e	
STU	9.18		Pg	15:59:50.272	4.7					T__				m_e	
UBR	8.08		Sg	16:01:13.975	1.1					T__				m_e	ML 4.8
WET	7.62		Pg	15:59:18.149	0.6					T__				m_e	
WTTA	6.98		Sg	16:00:37.590	-1.0					T__				m_e	
WTTA	6.98		Pn	15:58:40.490	-0.1					T__				m_e	ML 4.7

Event 50515009 Southern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/15	20:26:40.49			-5.2180	104.3520				150.3	2.9		33		94.24	99.26	m i ke	BGR
OrigID 50515015																	

Magnitude Err Nsta Author OrigID
mb 5.6 BGR 50515015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	98.63		P	20:40:03.093		91.0		4.44		TAS		6.7	0.71	m_e	mb 5.5
ASSE	96.35		P	20:39:52.435	-0.0	91.0		4.44		TAS		12.5	0.85	m_e	mb 5.5
BFO	97.87		P	20:39:59.244	-0.3	91.0		4.44		TAS		10.2	0.93	m_e	mb 5.5
BRG	94.27		P	20:39:43.383	0.1	91.0		4.44		TAS				m_e	
BRG	94.27		pP	20:40:21.318						T__				m_e	
BSEG	96.56		P	20:39:53.459	-0.3	91.0		4.44		TAS		21.6	0.84	m_e	mb 5.8
BSEG	96.56		pP	20:40:31.984						T__				m_e	
BUG	98.47		P	20:40:01.886	1.0	91.0		4.44		TAS		6.5	0.83	m_e	mb 5.4
BUG	98.47		pP	20:40:40.111						T__				m_e	
CLL	94.88		P	20:39:45.808		91.0		4.44		TAS				m_e	
CLZ	96.53		P	20:39:53.333	-0.1	91.0		4.44		TAS		12.2	0.83	m_e	mb 5.6
CLZ	96.53		pP	20:40:31.471						T__				m_e	

FBE	94.64	P	20:39:45.083	0.1	91.0	4.44	TAS	27.3	0.82	m_e	mb	5.7
FBE	94.64	pP	20:40:23.103				T__			m_e		
FLT1	96.00	P	20:39:50.310	-0.3	91.0	4.44	TAS	8.0	0.73	m_e	mb	5.3
FUR	95.91	P	20:39:50.726	0.3	91.0	4.44	TAS			m_e		
FUR	95.91	pP	20:40:28.510				T__			m_e		
GEC2	94.32	P	20:39:43.761	0.2	91.0	4.44	TAS	25.6	1.01	m_e	mb	5.5
GEC2	94.32	pP	20:40:21.791				T__			m_e		
GRA1	95.97	P	20:39:51.129	-0.7	91.0	4.44	TAS	19.0	0.82	m_e	mb	5.7
GRA1	95.97	pP	20:40:29.227				T__			m_e		
GTTG	96.78	P	20:39:54.340	-0.2	91.0	4.44	TAS	13.2	0.85	m_e	mb	5.6
GTTG	96.78	pP	20:40:32.969				T__			m_e		
GUNZ	95.27	P	20:39:48.106	0.2	91.0	4.44	TAS	10.4	0.89	m_e	mb	5.3
GUNZ	95.27	pP	20:40:25.821				T__			m_e		
IBBN	98.14	P	20:40:00.674	0.4	91.0	4.44	TAS	17.7	1.01	m_e	mb	5.7
IBBN	98.14	pP	20:40:38.646				T__			m_e		
KAST	97.76	P	20:39:58.748	-0.2	91.0	4.44	TAS	7.8	0.87	m_e	mb	5.5
KAST	97.76	pP	20:40:37.022				T__			m_e		
LNIZ	94.24	P	20:39:43.131	-0.1	91.0	4.44	TAS	45.4	0.77	m_e	mb	5.9
LNIZ	94.24	pP	20:40:21.253				T__			m_e		
MANZ	95.40	P	20:39:48.306	-0.2	91.0	4.44	TAS			m_e		
MANZ	95.40	pP	20:40:27.097				T__			m_e		
MILB	97.22	P	20:39:56.229	0.3	91.0	4.44	TAS	13.0	0.91	m_e	mb	5.6
MOX	95.74	P	20:39:49.680	-0.4	91.0	4.44	TAS			m_e		
MOX	95.74	pP	20:40:27.814				T__			m_e		
NEUB	95.65	P	20:39:49.463	-0.1	91.0	4.44	TAS			m_e		
NEUB	95.65	pP	20:40:27.813				T__			m_e		
NRDL	96.69	P	20:39:54.151	-0.2	91.0	4.44	TAS	17.2	0.84	m_e	mb	5.7
NRDL	96.69	pP	20:40:32.582				T__			m_e		
RJOB	94.87	P	20:39:45.963	-0.6	91.0	4.44	TAS	64.3	0.77	m_e	mb	6.1
ROTZ	95.33	P	20:39:48.484	0.4	91.0	4.44	TAS			m_e		
ROTZ	95.33	pP	20:40:26.471				T__			m_e		
RUE	94.45	P	20:39:44.238	0.4	91.0	4.44	TAS			m_e		
RUE	94.45	pP	20:40:22.085				T__			m_e		
STU	97.30	P	20:39:56.803	-0.0	91.0	4.44	TAS			m_e		
STU	97.30	pP	20:40:34.650				T__			m_e		
TANN	95.19	P	20:39:47.476	-0.0	91.0	4.44	TAS			m_e		
UBBA	96.76	P	20:39:54.151	-0.1	91.0	4.44	TAS			m_e		
UBR	96.68	P	20:39:53.710	0.1	91.0	4.44	TAS	11.5	0.89	m_e	mb	5.5
UBR	96.68	pP	20:40:32.088				T__			m_e		
WERD	95.29	P	20:39:48.043	0.5	91.0	4.44	TAS	12.0	0.91	m_e	mb	5.3
WERD	95.29	pP	20:40:26.220				T__			m_e		
WERN	95.24	P	20:39:47.602	0.4	91.0	4.44	TAS	10.4	0.95	m_e	mb	5.2
WERN	95.24	pP	20:40:25.684				T__			m_e		
WET	94.87	P	20:39:46.091	0.1	91.0	4.44	TAS	27.8	0.97	m_e	mb	5.7
WLF	99.26	P	20:40:05.881		91.0	4.44	TAS	9.2	0.88	m_e	mb	5.5
WLF	99.26	pP	20:40:43.665				T__			m_e		

Event 50515010 Guatemala

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/15	22:20:59.45			14.7350	-91.6100				10.0			23		85.09	88.80	m i ke	BGR
OrigID 50515016																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50515016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	85.60		P	22:33:32.930	-0.3	289.1		4.84		TAS		3.4	0.92	m_e mb	4.5
BRG	88.21		P	22:33:46.215		289.1		4.84		TAS		1.8	0.80	m_e mb	4.4
BSEG	85.09		P	22:33:30.605	0.4	289.1		4.84		TAS		11.4	0.82	m_e mb	5.1
CLL	87.50		P	22:33:42.685	0.3	289.1		4.84		TAS		1.7	0.82	m_e mb	4.4
CLZ	85.78		P	22:33:34.303	0.1	289.1		4.84		TAS		6.8	0.80	m_e mb	4.8
FBE	87.85		P	22:33:44.246	0.3	289.1		4.84		TAS		2.4	0.74	m_e mb	4.6
FLT1	86.13		P	22:33:35.616	-0.2	289.1		4.84		TAS		4.5	0.80	m_e mb	4.7
GEC2	88.80		P	22:33:48.802		289.1		4.84		TAS		0.8	0.84	m_e mb	4.0
GRA1	86.98		P	22:33:40.044	-0.7	289.1		4.84		TAS		4.0	0.85	m_e mb	4.6
GTTG	85.63		P	22:33:33.383	-0.1	289.1		4.84		TAS		10.5	0.77	m_e mb	5.0
GUNZ	87.43		P	22:33:41.929	-0.1	289.1		4.84		TAS		1.6	0.89	m_e mb	4.2
LNIZ	87.42		P	22:33:41.871	-0.2	289.1		4.84		TAS		5.5	0.92	m_e mb	4.7
MANZ	87.43		P	22:33:41.903	-0.4	289.1		4.84		TAS		1.8	0.89	m_e mb	4.2
MILB	85.75		P	22:33:34.202	0.2	289.1		4.84		TAS		9.1	0.81	m_e mb	5.0
MOX	86.91		P	22:33:39.573	0.2	289.1		4.84		TAS		2.0	0.72	m_e mb	4.4
NEUB	86.82		P	22:33:39.289	-0.0	289.1		4.84		TAS		4.4	0.80	m_e mb	4.6
NRDL	85.42		P	22:33:32.270	-0.1	289.1		4.84		TAS		4.7	0.85	m_e mb	4.7
RGN	86.55		P	22:33:37.971	0.4	289.1		4.84		TAS				m_e	
STU	86.01		P	22:33:35.097	-0.2	289.1		4.84		TAS				m_e	
TANN	87.49		P	22:33:42.353	0.4	289.1		4.84		TAS		1.7	0.75	m_e mb	4.2
TNS	85.11		P	22:33:30.810	-0.1	289.1		4.84		TAS		5.7	0.83	m_e mb	4.8
UBR	86.93		P	22:33:39.950	0.1	289.1		4.84		TAS		5.6	0.90	m_e mb	4.7
WERD	87.39		P	22:33:41.771	-0.0	289.1		4.84		TAS				m_e	
WERN	87.48		P	22:33:42.286	0.2	289.1		4.84		TAS		2.9	0.98	m_e mb	4.4
WET	88.19		P	22:33:46.075	-0.3	289.1		4.84		TAS		0.9	0.80	m_e mb	4.1

Event 50516001 Peru-Brazil border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/16	01:19:54.82			-7.3550	-73.5950				189.5	1.8		28		88.97	94.09	m i ke	BGR
OrigID 50516007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50516007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	89.73		P	01:32:36.383	0.3	261.3		4.60		TAS		20.2	1.01	m_e	mb 5.3
ASSE	92.24		P	01:32:48.359	0.2	261.3		4.60		TAS		3.9	0.91	m_e	mb 4.7
BFO	90.10		P	01:32:38.023	-0.3	261.3		4.60		TAS		3.4	0.93	m_e	mb 4.6
BFO	90.10		pP	01:33:25.456	-0.2					T__				m_e	
BRG	94.09		P	01:32:56.763	-0.2	261.3		4.60		TAS		3.6	0.89	m_e	mb 4.7
BSEG	92.31		P	01:32:48.303	-0.1	261.3		4.60		TAS		6.3	0.98	m_e	mb 4.9
BUG	90.04		P	01:32:37.798	-0.2	261.3		4.60		TAS		18.0	0.96	m_e	mb 5.3
CLL	93.56		P	01:32:54.139	-0.5	261.3		4.60		TAS		4.1	0.83	m_e	mb 4.8
CLZ	92.01		P	01:32:47.276	0.2	261.3		4.60		TAS		3.2	0.89	m_e	mb 4.6
FBE	93.73		P	01:32:55.146	0.5	261.3		4.60		TAS		4.1	0.91	m_e	mb 4.8
FLT1	92.61		P	01:32:49.787	-0.5	261.3		4.60		TAS		4.9	0.85	m_e	mb 5.0
GEC2	93.70		P	01:32:55.039	0.1	261.3		4.60		TAS		1.4	0.85	m_e	mb 4.3
GRA1	92.21		P	01:32:48.224	0.2	261.3		4.60		TAS				m_e	
GUNZ	93.01		P	01:32:51.924	0.2	261.3		4.60		TAS		1.2	0.91	m_e	mb 4.3
IBBN	90.50		P	01:32:39.868	0.0	261.3		4.60		TAS		14.8	0.93	m_e	mb 5.3
KAST	90.69		P	01:32:40.876	0.2	261.3		4.60		TAS		4.6	0.97	m_e	mb 4.8
MANZ	92.82		P	01:32:50.886	0.1	261.3		4.60		TAS		1.6	0.84	m_e	mb 4.5
MILB	90.99		P	01:32:42.176	-0.3	261.3		4.60		TAS		6.5	0.83	m_e	mb 5.0
MOX	92.60		P	01:32:49.848	0.0	261.3		4.60		TAS		1.6	0.83	m_e	mb 4.5
MOX	92.60		pP	01:33:36.659	-0.2					T__				m_e	
NRDL	91.95		P	01:32:46.960	0.1	261.3		4.60		TAS		4.8	0.94	m_e	mb 4.8
RJOB	92.96		P	01:32:51.338	-0.2	261.3		4.60		TAS		11.3	0.79	m_e	mb 5.4
ROTZ	92.85		P	01:32:50.932	-0.0	261.3		4.60		TAS		4.2	1.08	m_e	mb 4.8
TANN	93.10		P	01:32:52.466	0.3	261.3		4.60		TAS		6.3	1.06	m_e	mb 5.0
TNS	90.53		P	01:32:40.325	0.0	261.3		4.60		TAS		9.3	0.93	m_e	mb 5.1
UBR	91.16		P	01:32:43.259	0.1	261.3		4.60		TAS		14.5	0.96	m_e	mb 5.3
WERD	93.01		P	01:32:51.518	-0.2	261.3		4.60		TAS		3.2	0.89	m_e	mb 4.8
WERN	93.03		P	01:32:51.924	0.1	261.3		4.60		TAS		3.0	0.99	m_e	mb 4.7
WET	93.20		P	01:32:52.679	-0.2	261.3		4.60		TAS		1.5	0.85	m_e	mb 4.5
WET	93.20		pP	01:33:39.489	-0.2					T__				m_e	
WLF	88.97		P	01:32:32.969	0.0	261.3		4.60		TAS		27.0	0.91	m_e	mb 5.5

Event 50516002 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/16	03:26:30.31			-20.2360	-173.0920				33.0			15		147.79	152.50	m i ke	BGR
50516008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.03		PKPbc	03:46:12.364	0.3	8.2		2.53		TAS				m_e	
BFO	151.95		PKPbc	03:46:22.627	-0.2	8.2		2.53		TAS				m_e	
BRG	148.93		PKPbc	03:46:14.841	-0.2	8.2		2.53		TAS				m_e	
CLL	148.62		PKPbc	03:46:13.929	-0.3	8.2		2.53		TAS				m_e	

FBE	148.96	PKPbc	03:46:15.030	-0.2	8.2	2.53	TAS	m_e
FLT1	147.79	PKPbc	03:46:11.562	-0.7	8.2	2.53	TAS	m_e
FUR	151.92	PKPbc	03:46:22.381		8.2	2.53	TAS	m_e
GEC2	150.94	PKPbc	03:46:19.856		8.2	2.53	TAS	m_e
GUNZ	149.63	PKPbc	03:46:17.016	0.5	8.2	2.53	TAS	m_e
KAST	149.07	PKPbc	03:46:15.515	-0.2	8.2	2.53	TAS	m_e
MANZ	150.03	PKPbc	03:46:18.068	-0.3	8.2	2.53	TAS	m_e
MILB	150.41	PKPbc	03:46:19.052		8.2	2.53	TAS	m_e
MOX	149.43	PKPbc	03:46:16.034	0.2	8.2	2.53	TAS	m_e
NEUB	148.87	PKPbc	03:46:14.841	0.1	8.2	2.53	TAS	m_e
ROTZ	150.23	PKPbc	03:46:18.348	-0.2	8.2	2.53	TAS	m_e
TANN	149.56	PKPbc	03:46:16.735	0.3	8.2	2.53	TAS	m_e
TNS	150.05	PKPbc	03:46:18.361		8.2	2.53	TAS	m_e
UBR	152.50	PKPbc	03:46:23.819		8.2	2.53	TAS	m_e
WERN	149.70	PKPbc	03:46:17.047	0.3	8.2	2.53	TAS	m_e
WET	150.76	PKPbc	03:46:19.610		8.2	2.53	TAS	m_e
WLF	150.63	PKPbc	03:46:20.091		8.2	2.53	TAS	m_e

Event 50516003 Bangladesh

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/16	03:38:53.85			24.6390	90.5620				10.0					64.88	64.88	m i ke	BGR
50516009																	

Magnitude Err Nsta Author OrigID
 mb 4.5 BGR 50516009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	64.88		P	03:49:32.531		89.3		6.04		TAS		4.1	1.03	m_e mb	4.5

Event 50516005 Nepal

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/16	11:34:14.92			27.6400	85.1900				10.0				34	57.45	62.59	m i ke	BGR
50516011																	

Magnitude Err Nsta Author OrigID
 mb 5.4 BGR 50516011
 Ms 5.4 BGR 50516011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	61.84		P	11:44:34.505		83.0		6.80		TAS				m_e	
ASSE	59.38		P	11:44:17.522	0.3	83.0		6.80		TAS				m_e	

BFO	61.43	P	11:44:31.305		83.0	6.80	TAS										m_e	
BRG	57.47	P	11:44:04.185	0.2	83.0	6.80	TAS	45.5	0.87	m_e	mb							5.5
BSEG	59.40	P	11:44:17.209	0.3	83.0	6.80	TAS										m_e	
BUG	61.57	P	11:44:32.636		83.0	6.80	TAS										m_e	
CLL	58.02	P	11:44:08.131	0.0	83.0	6.80	TAS	22.0	0.97	m_e	mb							5.2
CLZ	59.60	P	11:44:19.098	0.1	83.0	6.80	TAS										m_e	
FBE	57.84	P	11:44:06.762	-0.1	83.0	6.80	TAS	61.4	0.88	m_e	mb							5.6
FLT1	59.01	P	11:44:14.810	0.5	83.0	6.80	TAS	40.2	0.93	m_e	mb							5.4
FUR	59.51	P	11:44:18.433	-0.5	83.0	6.80	TAS										m_e	
GEC2	57.83	P	11:44:06.746	-0.2	83.0	6.80	TAS	23.6	0.99	m_e	mb							5.2
GRA1	59.33	P	11:44:17.199	0.3	83.0	6.80	TAS										m_e	
GRA1	59.33	L	12:13:14.048				T__	3117.7	18.90	a_e	Ms							5.5
GTTG	59.89	P	11:44:21.284	0.3	83.0	6.80	TAS										m_e	
GUNZ	58.54	P	11:44:11.661	1.4	83.0	6.80	TAS	31.3	0.88	m_e	mb							5.3
IBBN	61.13	P	11:44:29.521		83.0	6.80	TAS										m_e	
KAST	60.90	P	11:44:28.088	0.2	83.0	6.80	TAS										m_e	
MANZ	58.73	P	11:44:13.316	-1.6	83.0	6.80	TAS	33.1	1.03	m_e	mb							5.3
MILB	60.55	P	11:44:25.576	-1.1	83.0	6.80	TAS										m_e	
MOX	58.96	P	11:44:14.862	0.5	83.0	6.80	TAS										m_e	
MOX	58.96	L	12:12:56.130				T__	2536.2	18.50	a_e	Ms							5.4
NEUB	58.80	P	11:44:13.627	-1.6	83.0	6.80	TAS	52.5	0.89	m_e	mb							5.6
NRDL	59.68	P	11:44:19.761	0.1	83.0	6.80	TAS										m_e	
RJOB	58.56	P	11:44:11.606	0.3	83.0	6.80	TAS										m_e	
ROTZ	58.69	P	11:44:12.842	-0.2	83.0	6.80	TAS	41.5	0.83	m_e	mb							5.5
RUE	57.45	P	11:44:03.821	-0.1	83.0	6.80	TAS	80.7	0.85	m_e	mb							5.8
STU	60.79	P	11:44:27.168	0.2	83.0	6.80	TAS										m_e	
TANN	58.45	P	11:44:10.969	0.1	83.0	6.80	TAS	19.5	0.87	m_e	mb							5.2
TNS	61.03	P	11:44:28.740	0.2	83.0	6.80	TAS										m_e	
UBBA	59.96	P	11:44:21.609	-0.2	83.0	6.80	TAS										m_e	
UBR	60.36	P	11:44:24.001	0.1	83.0	6.80	TAS										m_e	
WERD	58.55	P	11:44:11.773	-0.1	83.0	6.80	TAS	27.8	0.83	m_e	mb							5.3
WERN	58.52	P	11:44:11.800	-0.2	83.0	6.80	TAS	17.1	0.86	m_e	mb							5.1
WET	58.33	P	11:44:10.346	-0.3	83.0	6.80	TAS	29.2	0.89	m_e	mb							5.3
WLF	62.59	P	11:44:39.559		83.0	6.80	TAS										m_e	

Event 50517001 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/17	03:34:22.81			-23.4300	-177.7600				33.0			20		150.95	155.00	m i k e	BGR
50517007																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	151.13		PKPbc	03:54:12.729	-0.1	17.8		2.22		TAS					m_e
CLL	150.95		PKPbc	03:54:12.191	-0.2	17.8		2.22		TAS					m_e

CLZ	150.95	PKPbc	03:54:12.281	-0.1	17.8	2.22	TAS	m_e
FBE	151.23	PKPbc	03:54:13.122	0.1	17.8	2.22	TAS	m_e
GEC2	153.06	PKPbc	03:54:17.167	-0.0	17.8	2.22	TAS	m_e
GRA1	152.85	PKPbc	03:54:16.405	-0.2	17.8	2.22	TAS	m_e
GTTG	151.30	PKPbc	03:54:13.013	-0.2	17.8	2.22	TAS	m_e
GUNZ	151.99	PKPbc	03:54:14.970	0.3	17.8	2.22	TAS	m_e
KAST	151.87	PKPbc	03:54:14.432	-0.1	17.8	2.22	TAS	m_e
MANZ	152.39	PKPbc	03:54:15.732	0.2	17.8	2.22	TAS	m_e
MILB	153.08	PKPbc	03:54:17.122	0.0	17.8	2.22	TAS	m_e
MOX	151.87	PKPbc	03:54:14.298	-0.1	17.8	2.22	TAS	m_e
NEUB	151.32	PKPbc	03:54:13.240	0.1	17.8	2.22	TAS	m_e
ROTZ	152.57	PKPbc	03:54:16.136	0.1	17.8	2.22	TAS	m_e
TANN	151.91	PKPbc	03:54:14.567	0.1	17.8	2.22	TAS	m_e
TNS	152.82	PKPbc	03:54:16.898	0.3	17.8	2.22	TAS	m_e
UBR	155.00	PKPbc	03:54:21.156	-0.2	17.8	2.22	TAS	m_e
WERD	151.91	PKPbc	03:54:14.522	0.0	17.8	2.22	TAS	m_e
WERN	152.05	PKPbc	03:54:14.880	0.1	17.8	2.22	TAS	m_e
WET	153.00	PKPbc	03:54:16.881	-0.1	17.8	2.22	TAS	m_e

Event 50517002 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/17	04:08:26.79			32.9400	27.4000				10.0			24		18.46	24.02	m i ke	BGR
OrigID 50517008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	50517008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	23.10		P	04:13:33.259	0.6	137.8		10.65		TAS		13.3	0.82	m_e mb	4.5
BFO	21.03		P	04:13:10.802	0.8	137.8		10.65		TAS				m_e	
BRG	20.47		P	04:13:03.910	0.9	137.8		10.65		TAS		5.1	0.88	m_e mb	3.8
BUG	23.62		P	04:13:37.090	-0.9	137.8		10.65		TAS				m_e	
CLL	21.16		P	04:13:12.101	-0.9	137.8		10.65		TAS				m_e	
CLZ	22.59		P	04:13:27.499	-0.2	137.8		10.65		TAS		4.7	0.97	m_e mb	4.0
FBE	20.72		P	04:13:07.718	0.9	137.8		10.65		TAS				m_e	
FUR	19.47		P	04:12:53.028	-1.3	137.8		10.65		TAS		15.4	0.65	m_e mb	4.4
GEC2	18.92		P	04:12:47.826	-0.6	137.8		10.65		TAS				m_e	
GRA1	20.61		P	04:13:06.420	-0.2	137.8		10.65		TAS				m_e	
GTTG	22.53		P	04:13:26.864	0.1	137.8		10.65		TAS		14.5	0.93	m_e mb	4.5
GUNZ	20.66		P	04:13:07.394	0.5	137.8		10.65		TAS		5.9	0.82	m_e mb	4.0
IBBN	24.02		P	04:13:41.951		137.8		10.65		TAS		7.1	0.74	m_e mb	4.3
KAST	22.94		P	04:13:31.246	1.3	137.8		10.65		TAS				m_e	
MILB	21.57		P	04:13:15.898	0.3	137.8		10.65		TAS				m_e	
MOX	21.17		P	04:13:12.876		137.8		10.65		TAS				m_e	
NRDL	23.20		P	04:13:34.233	-1.6	137.8		10.65		TAS				m_e	

./2015/bul1505.txt

Thu Apr 23 08:38:25 2020

66

Station	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	18.46	P	PKPdf	04:12:43.608	-0.1	137.8	10.65	TAS							
STU	20.89	P	PKPdf	04:13:09.991	0.9	137.8	10.65	TAS			10.6	0.76	m_e	mb	4.2
TANN	20.65	P	PKPdf	04:13:05.771	-0.9	137.8	10.65	TAS							
TNS	22.23	P	PKPdf	04:13:24.104	-0.1	137.8	10.65	TAS							
UBR	19.70	P	PKPdf	04:12:56.031	-0.1	137.8	10.65	TAS			12.2	0.65	m_e	mb	4.3
WERN	20.59	P	PKPdf	04:13:05.689	-0.4	137.8	10.65	TAS							
WLF	22.98	P	PKPdf	04:13:32.139	0.4	137.8	10.65	TAS			17.6	0.75	m_e	mb	4.7

Event 50517003 Santa Cruz Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/17	08:52:44.43			-12.1700	165.6590			71.5		1.3		19		133.98	139.30	m i ke	BGR
OrigID																	
50517009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	139.30		PKPdf	09:12:05.712	0.2	40.7		1.91		TAS				m_e	
BFO	139.30		pPKPdf	09:12:26.358	0.2					T__				m_e	
BRG	135.04		PKPdf	09:11:56.739	-0.3	40.7		1.91		TAS				m_e	
BSEG	133.98		PKPdf	09:11:55.125	0.1	40.7		1.91		TAS				m_e	
BUG	137.08		PKPdf	09:12:02.053	0.2	40.7		1.91		TAS				m_e	
CLL	135.09		PKPdf	09:11:57.050	0.2	40.7		1.91		TAS				m_e	
CLZ	135.67		PKPdf	09:11:58.659	0.6	40.7		1.91		TAS				m_e	
CLZ	135.67		pPKPdf	09:12:18.792	0.2					T__				m_e	
FBE	135.25		PKPdf	09:11:57.493	0.6	40.7		1.91		TAS				m_e	
FBE	135.25		pPKPdf	09:12:17.740	0.2					T__				m_e	
FLT1	134.96		PKPdf	09:11:56.830	-0.6	40.7		1.91		TAS				m_e	
GEC2	136.67		PKPdf	09:12:00.265	0.2	40.7		1.91		TAS				m_e	
GEC2	136.67		pPKPdf	09:12:20.843	0.2					T__				m_e	
GRA1	137.07		PKPdf	09:12:01.573	0.2	40.7		1.91		TAS				m_e	
GUNZ	136.09		PKPdf	09:11:58.866	0.4	40.7		1.91		TAS				m_e	
GUNZ	136.09		pPKPdf	09:12:19.511	0.2					T__				m_e	
IBBN	136.19		PKPdf	09:11:59.469	-0.3	40.7		1.91		TAS				m_e	
KAST	136.90		PKPdf	09:12:01.573	0.7	40.7		1.91		TAS				m_e	
MANZ	136.48		PKPdf	09:11:59.583	-0.2	40.7		1.91		TAS				m_e	
MILB	137.71		PKPdf	09:12:03.324	0.2	40.7		1.91		TAS				m_e	
MOX	136.16		PKPdf	09:11:58.843	-0.4	40.7		1.91		TAS				m_e	
NRDL	135.24		PKPdf	09:11:57.507	0.2	40.7		1.91		TAS				m_e	
RJOB	137.90		PKPdf	09:12:03.369	0.2	40.7		1.91		TAS				m_e	
ROTZ	136.61		PKPdf	09:11:59.412	-0.6	40.7		1.91		TAS				m_e	
STU	138.60		PKPdf	09:12:04.856	0.2	40.7		1.91		TAS				m_e	
TANN	136.00		PKPdf	09:11:58.957	0.1	40.7		1.91		TAS				m_e	
TNS	137.70		PKPdf	09:12:03.073	0.2	40.7		1.91		TAS				m_e	
UBBA	136.64		PKPdf	09:11:59.924	-0.3	40.7		1.91		TAS				m_e	
UBR	139.10		PKPdf	09:12:04.796	0.2	40.7		1.91		TAS				m_e	

WERD	136.04	PKPdf	09:11:58.616	-0.4	40.7	1.91	TAS	m_e
WERN	136.13	PKPdf	09:11:59.337	0.5	40.7	1.91	TAS	m_e
WET	136.80	PKPdf	09:12:00.436	0.1	40.7	1.91	TAS	m_e
WLF	138.97	pPKPdf	09:12:25.946	0.2			T__	m_e

Event 50517004 Central Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/17	10:36:44.55			35.4780	17.7920				33.0					15.00	15.00	m i ke	BGR
OrigID 50517010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	15.00		P	10:40:19.723		159.3		11.19		TAS		3.2	0.71	m_e	

Event 50517005 Gulf of Oman

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/17	11:17:13.30			24.5080	58.2340				33.0				11	42.38	47.37	m i ke	BGR
OrigID 50517011																	

Magnitude Err Nsta Author OrigID
mb 5.1 BGR 50517011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	46.99		P	11:25:41.230	0.2	107.1		8.01		TAS				m_e	
ASSE	45.27		P	11:25:27.465		107.1		8.01		TAS		24.0	0.92	m_e mb	5.1
BFO	45.67		P	11:25:30.906		107.1		8.01		TAS				m_e	
BRG	42.92		P	11:25:09.029	0.2	107.1		8.01		TAS		14.8	0.86	m_e mb	4.7
BSEG	46.08		P	11:25:33.132	0.2	107.1		8.01		TAS		26.0	0.93	m_e mb	5.2
BUG	47.09		P	11:25:42.040		107.1		8.01		TAS		40.0	0.93	m_e mb	5.5
CLL	43.63		P	11:25:14.806	0.3	107.1		8.01		TAS		55.9	0.88	m_e mb	5.3
CLZ	45.36		P	11:25:28.307		107.1		8.01		TAS		46.2	0.83	m_e mb	5.4
FBE	43.29		P	11:25:11.914	0.2	107.1		8.01		TAS		9.3	0.83	m_e mb	4.5
FLT1	45.01		P	11:25:25.285		107.1		8.01		TAS		38.6	0.87	m_e mb	5.3
FUR	43.72		P	11:25:15.269		107.1		8.01		TAS		19.8	0.73	m_e mb	4.9
GEC2	42.38		P	11:25:04.881		107.1		8.01		TAS		13.7	0.82	m_e mb	4.7
GRA1	44.19		P	11:25:18.976		107.1		8.01		TAS		27.2	0.74	m_e mb	5.1
GTTG	45.51		P	11:25:29.665		107.1		8.01		TAS		13.8	0.95	m_e mb	5.0
GUNZ	43.71		P	11:25:15.721	0.2	107.1		8.01		TAS				m_e	
IBBN	47.04		P	11:25:41.495	0.1	107.1		8.01		TAS		38.5	0.97	m_e mb	5.5
KAST	46.34		P	11:25:36.326	0.2	107.1		8.01		TAS		25.0	0.86	m_e mb	5.3

MANZ	43.73	P	11:25:15.473	107.1	8.01	TAS	9.9	0.90	m_e	mb	4.5
MOX	44.24	P	11:25:19.643	107.1	8.01	TAS	13.9	0.85	m_e	mb	4.7
NEUB	44.32	P	11:25:20.375	0.2 107.1	8.01	TAS	47.5	0.77	m_e	mb	5.3
NRDL	45.72	P	11:25:31.105	107.1	8.01	TAS	39.9	0.89	m_e	mb	5.5
RJOB	42.62	P	11:25:07.102	107.1	8.01	TAS			m_e		
ROTZ	43.60	P	11:25:14.389	107.1	8.01	TAS	32.1	0.79	m_e	mb	5.1
RUE	43.61	P	11:25:13.972	0.3 107.1	8.01	TAS	39.7	0.82	m_e	mb	5.2
STU	45.22	P	11:25:26.541	107.1	8.01	TAS	11.3	0.85	m_e	mb	4.8
TANN	43.65	P	11:25:14.967	0.2 107.1	8.01	TAS			m_e		
TNS	46.06	P	11:25:34.066	0.2 107.1	8.01	TAS	24.1	0.89	m_e	mb	5.2
UBBA	45.27	P	11:25:27.785	0.2 107.1	8.01	TAS			m_e		
UBR	44.36	P	11:25:20.644	107.1	8.01	TAS	45.9	0.78	m_e	mb	5.3
WERD	43.76	P	11:25:15.551	0.2 107.1	8.01	TAS			m_e		
WERN	43.66	P	11:25:14.982	0.2 107.1	8.01	TAS			m_e		
WET	42.99	P	11:25:08.968	107.1	8.01	TAS	7.8	0.86	m_e	mb	4.5
WLF	47.37	P	11:25:44.281	0.2 107.1	8.01	TAS	20.0	0.83	m_e	mb	5.3

Event 50518002 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/18	17:04:57.36			-7.0580	154.3590				58.1	1.5		36		124.99	129.86	m i ke	BGR
50518008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	128.82		PKPdf	17:24:02.318	-0.1	48.9		1.93		TAS				m_e	
AHRW	128.82		pPKPdf	17:24:19.463	-0.2					T__				m_e	
ASSE	126.10		PKPdf	17:23:57.034	-0.1	48.9		1.93		TAS				m_e	
BFO	129.81		PKPdf	17:24:03.878	-0.3	48.9		1.93		TAS				m_e	
BRG	125.39		PKPdf	17:23:55.626	-0.1	48.9		1.93		TAS				m_e	
BSEG	124.99		PKPdf	17:23:54.871	-0.2	48.9		1.93		TAS				m_e	
BUG	128.08		PKPdf	17:24:00.959	-0.1	48.9		1.93		TAS				m_e	
CLL	125.56		PKPdf	17:23:55.831	-0.2	48.9		1.93		TAS				m_e	
CLNZ	125.41		PKPdf	17:23:55.813	0.2	48.9		1.93		TAS				m_e	
CLZ	126.43		PKPdf	17:23:58.041	0.3	48.9		1.93		TAS				m_e	
FBE	125.64		PKPdf	17:23:56.229	0.1	48.9		1.93		TAS				m_e	
FLT1	125.70		PKPdf	17:23:56.078	-0.3	48.9		1.93		TAS				m_e	
FUR	128.46		PKPdf	17:24:02.117	0.5	48.9		1.93		TAS				m_e	
GEC2	126.78		PKPdf	17:23:58.343	-0.1	48.9		1.93		TAS				m_e	
GEC2	126.78		pPKPdf	17:24:15.560	-0.2					T__				m_e	
GRA1	127.48		PKPdf	17:23:59.651	-0.1	48.9		1.93		TAS				m_e	
GTTG	126.82		PKPdf	17:23:58.695	0.2	48.9		1.93		TAS				m_e	
GUNZ	126.50		PKPdf	17:23:58.041	0.2	48.9		1.93		TAS				m_e	
GUNZ	126.50		pPKPdf	17:24:14.827	-0.2					T__				m_e	
IBBN	127.24		PKPdf	17:23:59.198	-0.2	48.9		1.93		TAS				m_e	

IBBN	127.24	pPKPdf	17:24:16.623	-0.2						T__						m_e
KAST	127.75	PKPdf	17:24:00.003	-0.3	48.9			1.93		TAS						m_e
KAST	127.75	pPKPdf	17:24:17.499	-0.2						T__						m_e
MANZ	126.86	PKPdf	17:23:58.594	0.1	48.9			1.93		TAS						m_e
MELL	127.02	PKPdf	17:23:58.997	0.0	48.9			1.93		TAS						m_e
MILB	128.31	PKPdf	17:24:01.161	-0.2	48.9			1.93		TAS						m_e
MOX	126.66	PKPdf	17:23:58.141	-0.0	48.9			1.93		TAS						m_e
NEUB	126.22	PKPdf	17:23:57.135	-0.2	48.9			1.93		TAS						m_e
NRDL	126.09	PKPdf	17:23:57.034	-0.1	48.9			1.93		TAS						m_e
RJOB	127.94	PKPdf	17:24:00.154	-0.5	48.9			1.93		TAS						m_e
ROTZ	126.95	PKPdf	17:23:58.796	0.1	48.9			1.93		TAS						m_e
ROTZ	126.95	pPKPdf	17:24:15.788	-0.2						T__						m_e
STU	129.09	PKPdf	17:24:02.871	0.0	48.9			1.93		TAS						m_e
STU	129.09	pPKPdf	17:24:19.872	-0.2						T__						m_e
TANN	126.41	PKPdf	17:23:57.437	-0.2	48.9			1.93		TAS						m_e
TNS	128.43	PKPdf	17:24:01.714	0.1	48.9			1.93		TAS						m_e
UBBA	127.30	PKPdf	17:23:59.393	0.3	48.9			1.93		TAS						m_e
UBR	129.37	PKPdf	17:24:03.374	0.0	48.9			1.93		TAS						m_e
WERD	126.46	PKPdf	17:23:57.991	0.2	48.9			1.93		TAS						m_e
WERD	126.46	pPKPdf	17:24:15.097	-0.2						T__						m_e
WERN	126.53	PKPdf	17:23:58.041	0.1	48.9			1.93		TAS						m_e
WERN	126.53	pPKPdf	17:24:15.082	-0.2						T__						m_e
WET	127.01	PKPdf	17:23:58.947	0.1	48.9			1.93		TAS						m_e
WLF	129.86	PKPdf	17:24:04.783	0.4	48.9			1.93		TAS						m_e
ZARR	125.00	PKPdf	17:23:55.064	0.3	48.9			1.93		TAS						m_e

Event 50518003 Guatemala

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/18	20:05:42.01			14.0290	-91.0110				78.7	1.6		19		85.29	88.97	m i ke	BGR
50518009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50518009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	85.74		P	20:18:14.593	-0.6	288.3		4.88		TAS		4.6	0.91	m_e mb	4.6
BSEG	85.32		P	20:18:12.118	-0.2	288.3		4.88		TAS		12.8	1.02	m_e mb	5.1
BSEG	85.32		pP	20:18:33.438	-0.3					T__				m_e	
CLZ	85.98		P	20:18:16.069	0.2	288.3		4.88		TAS		13.7	1.20	m_e mb	5.0
CLZ	85.98		pP	20:18:37.177	-0.3					T__				m_e	
FLT1	86.34		P	20:18:17.841	-0.2	288.3		4.88		TAS		4.3	0.84	m_e mb	4.6
GEC2	88.97		P	20:18:30.865	-0.3	288.3		4.88		TAS		2.2	0.97	m_e mb	4.4
GRA1	87.16		P	20:18:22.006	0.7	288.3		4.88		TAS				m_e	
GRA1	87.16		pP	20:18:43.397	-0.3					T__				m_e	
GTTG	85.83		P	20:18:15.188	0.2	288.3		4.88		TAS		10.7	0.97	m_e mb	4.9

./2015/bul1505.txt

Thu Apr 23 08:38:25 2020

70

GUNZ	87.62	P	20:18:24.194	-0.1	288.3	4.88	TAS										m_e	
MANZ	87.61	P	20:18:24.479	-0.5	288.3	4.88	TAS	1.4	0.76								m_e mb	4.4
MILB	85.92	P	20:18:15.818	0.2	288.3	4.88	TAS										m_e	
MOX	87.10	P	20:18:21.633	-1.1	288.3	4.88	TAS	4.5	1.06								m_e mb	4.5
NRDL	85.63	P	20:18:14.145	-0.1	288.3	4.88	TAS	7.4	1.02								m_e mb	4.8
NRDL	85.63	pP	20:18:35.253	-0.3			T__										m_e	
ROTZ	87.74	P	20:18:25.051	0.5	288.3	4.88	TAS										m_e	
TANN	87.68	P	20:18:24.618	0.0	288.3	4.88	TAS	3.2	1.07								m_e mb	4.6
TNS	85.29	P	20:18:12.686	0.1	288.3	4.88	TAS	14.1	1.21								m_e mb	5.1
TNS	85.29	pP	20:18:33.653	-0.3			T__										m_e	
UBBA	86.07	P	20:18:16.565	0.5	288.3	4.88	TAS	10.1	1.42								m_e mb	4.8
UBR	87.07	P	20:18:21.512	-0.1	288.3	4.88	TAS	7.6	1.05								m_e mb	4.8
UBR	87.07	pP	20:18:43.144	-0.3			T__										m_e	
WERN	87.67	P	20:18:24.830	0.3	288.3	4.88	TAS	3.3	1.00								m_e mb	4.6
WET	88.36	P	20:18:28.148	0.4	288.3	4.88	TAS	3.4	1.05								m_e mb	4.6

Event 50518004 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/18	20:41:33.94			37.8180	24.0100				10.0			21		12.87	18.67	m i ke	BGR
	50518010																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	17.10		P	20:45:35.011	-2.0	137.5		11.46		TAS					m_e
BFO	15.51		P	20:45:14.506	-0.8	137.5		11.46		TAS					m_e
BRG	14.89		P	20:45:07.915	-4.0	137.5		11.46		TAS					m_e
BSEG	18.67		P	20:45:49.351		137.5		11.46		TAS					m_e
BUG	18.04		P	20:45:45.897		137.5		11.46		TAS					m_e
CLL	15.58		P	20:45:16.875	-0.8	137.5		11.46		TAS					m_e
FLT1	17.05		P	20:45:32.899	2.6	137.5		11.46		TAS					m_e
FUR	13.90		P	20:44:57.746	0.2	137.5		11.46		TAS					m_e
GEC2	13.32		P	20:44:51.335	1.4	137.5		11.46		TAS					m_e
GRA1	15.02		P	20:45:11.721	-0.1	137.5		11.46		TAS					m_e
GTTG	16.93		P	20:45:32.234	2.7	137.5		11.46		TAS					m_e
MANZ	14.86		P	20:45:08.891	-4.0	137.5		11.46		TAS					m_e
MELL	18.10		P	20:45:47.172		137.5		11.46		TAS					m_e
MILB	15.99		P	20:45:20.895	0.9	137.5		11.46		TAS					m_e
MOX	15.57		P	20:45:16.787	-0.4	137.5		11.46		TAS					m_e
NEUB	15.94		P	20:45:21.713	-0.1	137.5		11.46		TAS					m_e
NRDL	17.60		P	20:45:41.799		137.5		11.46		TAS					m_e
RJOB	12.87		P	20:44:45.594	-4.0	137.5		11.46		TAS					m_e
TANN	15.05		P	20:45:11.622	0.9	137.5		11.46		TAS					m_e
TNS	16.66		P	20:45:29.864	-1.0	137.5		11.46		TAS					m_e
UBR	14.17		P	20:44:59.936	0.8	137.5		11.46		TAS					m_e

WERN	14.99	P	20:45:10.651	-4.0	137.5	11.46	TAS	m_e
WET	13.89	P	20:44:58.341	0.5	137.5	11.46	TAS	m_e
WLF	17.46	P	20:45:37.732	-1.5	137.5	11.46	TAS	m_e

Event 50519001 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/19	01:19:03.52			-22.1960	-176.6130				502.9		24		147.88	154.00	m i ke	BGR
OrigID 50519007																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.59		PKPbc	01:37:55.413	-0.6	15.5		2.48		TAS					m_e
BRG	150.21		PKPbc	01:37:57.482	0.1	15.5		2.48		TAS					m_e
BSEG	147.88		PKPbc	01:37:51.425		15.5		2.48		TAS					m_e
CLL	149.99		PKPbc	01:37:56.712	-0.3	15.5		2.48		TAS					m_e
CLZ	149.92		PKPbc	01:37:56.227	0.1	15.5		2.48		TAS					m_e
FBE	150.29		PKPbc	01:37:57.532	0.4	15.5		2.48		TAS					m_e
FLT1	149.31		PKPbc	01:37:54.781	-0.3	15.5		2.48		TAS					m_e
FUR	153.33		PKPbc	01:38:04.942		15.5		2.48		TAS					m_e
GEC2	152.17		PKPbc	01:38:02.146	-0.1	15.5		2.48		TAS					m_e
GRA1	151.87		PKPbc	01:38:01.164	0.4	15.5		2.48		TAS					m_e
GTTG	150.26		PKPbc	01:37:57.152	0.1	15.5		2.48		TAS					m_e
GUNZ	151.02		PKPbc	01:37:59.384	0.3	15.5		2.48		TAS					m_e
KAST	150.78		PKPbc	01:37:58.620		15.5		2.48		TAS					m_e
MANZ	151.43		PKPbc	01:38:00.377	0.4	15.5		2.48		TAS					m_e
MILB	152.03		PKPbc	01:38:01.613		15.5		2.48		TAS					m_e
MOX	150.88		PKPbc	01:37:58.955	0.0	15.5		2.48		TAS					m_e
NEUB	150.33		PKPbc	01:37:57.443	0.1	15.5		2.48		TAS					m_e
NRDL	149.31		PKPbc	01:37:54.965		15.5		2.48		TAS					m_e
RJOB	153.42		PKPbc	01:38:04.741	-0.7	15.5		2.48		TAS					m_e
ROTZ	151.62		PKPbc	01:38:00.759	0.2	15.5		2.48		TAS					m_e
STU	153.08		PKPbc	01:38:04.251		15.5		2.48		TAS					m_e
TANN	150.95		PKPbc	01:37:59.109	0.3	15.5		2.48		TAS					m_e
TNS	151.75		PKPbc	01:38:01.171		15.5		2.48		TAS					m_e
UBBA	150.97		PKPbc	01:37:59.053	-0.1	15.5		2.48		TAS					m_e
UBR	154.00		PKPbc	01:38:06.319		15.5		2.48		TAS					m_e
UBR	154.00		pPKPbc	01:40:04.360						T__					m_e
WERD	150.95		PKPbc	01:37:59.195	0.3	15.5		2.48		TAS					m_e
WERN	151.09		PKPbc	01:37:59.399	0.1	15.5		2.48		TAS					m_e
WET	152.07		PKPbc	01:38:01.753	-0.2	15.5		2.48		TAS					m_e
WLF	152.50		PKPbc	01:38:03.570		15.5		2.48		TAS					m_e

Event 50519003 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/19	13:55:02.04			-18.5380	168.3970				80.2				18	141.82	146.16	m i ke	BGR
OrigID 50519009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	144.77		PKPbc	14:14:27.621	0.1	39.7		3.04		TAS					m_e
BFO	146.16		PKPbc	14:14:31.457		39.7		3.04		TAS					m_e
BRG	141.89		PKPbc	14:14:17.689	0.1	39.7		3.04		TAS					m_e
BUG	143.94		PKPbc	14:14:24.950		39.7		3.04		TAS					m_e
CLL	141.95		PKPbc	14:14:18.268	0.1	39.7		3.04		TAS					m_e
CLZ	142.53		PKPbc	14:14:20.106	0.1	39.7		3.04		TAS					m_e
FBE	142.10		PKPbc	14:14:18.771	0.1	39.7		3.04		TAS					m_e
FLT1	141.82		PKPbc	14:14:17.784	0.1	39.7		3.04		TAS					m_e
FUR	145.08		PKPbc	14:14:28.201		39.7		3.04		TAS					m_e
GEC2	143.50		PKPbc	14:14:22.880	0.1	39.7		3.04		TAS					m_e
GRA1	143.92		PKPbc	14:14:24.210		39.7		3.04		TAS					m_e
GTTG	142.92		PKPbc	14:14:21.578	0.1	39.7		3.04		TAS					m_e
GUNZ	142.95		PKPbc	14:14:21.452	0.2	39.7		3.04		TAS					m_e
IBBN	143.04		PKPbc	14:14:22.066	-0.4	39.7		3.04		TAS					m_e
KAST	143.75		PKPbc	14:14:24.042		39.7		3.04		TAS					m_e
MANZ	143.33		PKPbc	14:14:22.237	0.1	39.7		3.04		TAS					m_e
MILB	144.57		PKPbc	14:14:26.464		39.7		3.04		TAS					m_e
MOX	143.02		PKPbc	14:14:21.637	-0.4	39.7		3.04		TAS					m_e
NRDL	142.09		PKPbc	14:14:18.831	0.1	39.7		3.04		TAS					m_e
RJOB	144.72		PKPbc	14:14:27.074		39.7		3.04		TAS					m_e
ROTZ	143.46		PKPbc	14:14:22.801	0.2	39.7		3.04		TAS					m_e
STU	145.46		PKPbc	14:14:29.235		39.7		3.04		TAS					m_e
TANN	142.85		PKPbc	14:14:20.922	-0.4	39.7		3.04		TAS					m_e
TNS	144.56		PKPbc	14:14:26.697		39.7		3.04		TAS					m_e
UBBA	143.50		PKPbc	14:14:22.931	0.1	39.7		3.04		TAS					m_e
UBR	145.95		PKPbc	14:14:30.654	0.1	39.7		3.04		TAS					m_e
WERD	142.89		PKPbc	14:14:21.054	-0.2	39.7		3.04		TAS					m_e
WERN	142.99		PKPbc	14:14:21.525	-0.4	39.7		3.04		TAS					m_e
WET	143.64		PKPbc	14:14:23.387	0.1	39.7		3.04		TAS					m_e
WLF	145.83		PKPbc	14:14:30.878		39.7		3.04		TAS					m_e

Event 50519004 Pacific-Antarctic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/19	15:25:28.87			-54.5730	-132.4800				10.0				15	154.41	159.45	m i ke	BGR
OrigID 50519010																	

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 50519011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	75.28		P	23:57:47.306	0.2	31.3		5.70		TAS		5.5	0.91	m_e mb	4.6
BRG	75.30		P	23:57:47.443	0.1	31.3		5.70		TAS		3.3	0.77	m_e mb	4.4
BSEG	73.83		P	23:57:39.366	0.2	31.3		5.70		TAS		6.5	0.82	m_e mb	4.7
CLL	75.24		P	23:57:47.082	-0.0	31.3		5.70		TAS		13.9	0.74	m_e mb	5.1
CLZ	75.62		P	23:57:49.268		31.3		5.70		TAS		9.9	0.75	m_e mb	5.0
FBE	75.46		P	23:57:48.307		31.3		5.70		TAS		8.6	0.79	m_e mb	4.8
FLT1	74.93		P	23:57:45.367	-0.1	31.3		5.70		TAS		10.8	0.75	m_e mb	5.0
GEC2	77.11		P	23:57:57.688		31.3		5.70		TAS		2.1	0.65	m_e mb	4.4
GRA1	77.22		P	23:57:58.591		31.3		5.70		TAS		11.1	0.90	m_e mb	5.0
GTTG	76.01		P	23:57:51.604		31.3		5.70		TAS		7.5	0.85	m_e mb	4.8
GUNZ	76.27		P	23:57:52.994		31.3		5.70		TAS		3.4	0.83	m_e mb	4.5
IBBN	76.00		P	23:57:51.405	-0.3	31.3		5.70		TAS		9.0	0.91	m_e mb	4.9
KAST	76.78		P	23:57:56.077		31.3		5.70		TAS		3.8	0.91	m_e mb	4.5
LNIZ	73.00		P	23:57:34.495	0.1	31.3		5.70		TAS		7.1	0.87	m_e mb	4.8
MANZ	76.67		P	23:57:55.289		31.3		5.70		TAS		2.8	0.90	m_e mb	4.4
MILB	77.72		P	23:58:01.657		31.3		5.70		TAS				m_e	
MOX	76.27		P	23:57:53.030		31.3		5.70		TAS		4.3	0.87	m_e mb	4.6
NEUB	75.74		P	23:57:49.892		31.3		5.70		TAS		10.3	0.83	m_e mb	5.0
NRDL	75.14		P	23:57:46.500	-0.3	31.3		5.70		TAS		4.9	0.84	m_e mb	4.6
RJOB	78.37		P	23:58:05.000		31.3		5.70		TAS		11.5	0.72	m_e mb	5.1
ROTZ	76.83		P	23:57:56.476		31.3		5.70		TAS		2.8	0.80	m_e mb	4.4
RUE	74.00		P	23:57:40.011	-0.3	31.3		5.70		TAS		15.1	0.84	m_e mb	5.1
TANN	76.19		P	23:57:52.453		31.3		5.70		TAS		1.6	0.88	m_e mb	4.1
TNS	77.63		P	23:58:00.992		31.3		5.70		TAS				m_e	
UBBA	76.63		P	23:57:55.025		31.3		5.70		TAS				m_e	
WERD	76.21		P	23:57:52.769		31.3		5.70		TAS		3.5	0.86	m_e mb	4.5
WERN	76.32		P	23:57:53.446		31.3		5.70		TAS		4.4	0.88	m_e mb	4.6
WET	77.13		P	23:57:58.185		31.3		5.70		TAS		7.6	1.10	m_e mb	4.7

Event 50520001 Tonga Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/05/20 00:30:54.64 -18.5600 -175.1500 188.8 35 144.37 150.64 m i ke BGR
 50520007

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	148.04		PKPbc	00:50:17.512		11.6		2.70		TAS				m_e	
ASSE	146.19		PKPdf	00:50:10.086	-0.1	11.6		2.70		TAS				m_e	
ASSE	146.19		PKPbc	00:50:11.488	0.5	11.6		2.70		TAS				m_e	

BFO	150.17	PKPbc	00:50:22.279		11.6	2.70	TAS	m_e
BRG	146.96	PKPbc	00:50:14.144		11.6	2.70	TAS	m_e
BSEG	144.44	PKPbc	00:50:06.565	-0.1	11.6	2.70	TAS	m_e
BUG	147.14	PKPbc	00:50:14.977		11.6	2.70	TAS	m_e
CLL	146.69	PKPdf	00:50:11.283	-0.1	11.6	2.70	TAS	m_e
CLL	146.69	PKPbc	00:50:13.067		11.6	2.70	TAS	m_e
CLZ	146.50	PKPdf	00:50:10.887	-0.1	11.6	2.70	TAS	m_e
CLZ	146.50	PKPbc	00:50:12.736		11.6	2.70	TAS	m_e
FBE	147.01	PKPdf	00:50:11.670	-0.1	11.6	2.70	TAS	m_e
FBE	147.01	PKPbc	00:50:14.219		11.6	2.70	TAS	m_e
FLT1	145.93	PKPbc	00:50:10.834	0.3	11.6	2.70	TAS	m_e
FUR	150.01	PKPdf	00:50:16.234	-0.1	11.6	2.70	TAS	m_e
FUR	150.01	PKPbc	00:50:22.024		11.6	2.70	TAS	m_e
GEC2	148.95	PKPdf	00:50:14.455	-0.1	11.6	2.70	TAS	m_e
GEC2	148.95	PKPbc	00:50:19.603		11.6	2.70	TAS	m_e
GRA1	148.52	PKPbc	00:50:18.200		11.6	2.70	TAS	m_e
GTTG	146.84	PKPbc	00:50:13.656		11.6	2.70	TAS	m_e
GUNZ	147.71	PKPbc	00:50:16.295	0.5	11.6	2.70	TAS	m_e
HLG	144.37	PKPbc	00:50:06.677		11.6	2.70	TAS	m_e
IBBN	146.25	PKPdf	00:50:10.521	-0.1	11.6	2.70	TAS	m_e
IBBN	146.25	PKPbc	00:50:12.273	0.7	11.6	2.70	TAS	m_e
KAST	147.31	PKPbc	00:50:15.222		11.6	2.70	TAS	m_e
LNIZ	144.39	PKPbc	00:50:06.346	-0.7	11.6	2.70	TAS	m_e
MANZ	148.11	PKPbc	00:50:17.304		11.6	2.70	TAS	m_e
MILB	148.60	PKPbc	00:50:18.583		11.6	2.70	TAS	m_e
MOX	147.54	PKPdf	00:50:12.485	-0.1	11.6	2.70	TAS	m_e
MOX	147.54	PKPbc	00:50:15.481		11.6	2.70	TAS	m_e
NEUB	146.98	PKPdf	00:50:11.554	-0.1	11.6	2.70	TAS	m_e
NEUB	146.98	PKPbc	00:50:13.976		11.6	2.70	TAS	m_e
NRDL	145.89	PKPbc	00:50:10.456		11.6	2.70	TAS	m_e
RJOB	150.18	PKPbc	00:50:22.413		11.6	2.70	TAS	m_e
ROTZ	148.31	PKPbc	00:50:17.911		11.6	2.70	TAS	m_e
RUE	145.44	PKPbc	00:50:09.417	-0.1	11.6	2.70	TAS	m_e
TANN	147.64	PKPbc	00:50:15.923		11.6	2.70	TAS	m_e
TNS	148.28	PKPbc	00:50:17.882		11.6	2.70	TAS	m_e
UBBA	147.55	PKPbc	00:50:15.639		11.6	2.70	TAS	m_e
UBR	150.64	PKPdf	00:50:16.791	-0.1	11.6	2.70	TAS	m_e
UBR	150.64	PKPbc	00:50:23.299		11.6	2.70	TAS	m_e
WERD	147.63	PKPbc	00:50:16.033		11.6	2.70	TAS	m_e
WERN	147.78	PKPbc	00:50:16.416		11.6	2.70	TAS	m_e
WET	148.81	PKPdf	00:50:14.217	-0.1	11.6	2.70	TAS	m_e
WET	148.81	PKPbc	00:50:19.061		11.6	2.70	TAS	m_e
WLF	148.95	PKPdf	00:50:14.254	-0.1	11.6	2.70	TAS	m_e
WLF	148.95	PKPbc	00:50:19.794		11.6	2.70	TAS	m_e

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/20	03:31:43.56			38.0010	69.9420				33.0			22		40.76	46.15	m i ke	BGR
50520008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50520008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	45.41		P	03:39:59.739	-0.1	82.7		8.11		TAS		16.4	1.07	m_e	mb	4.9
ASSE	42.98		P	03:39:39.827	1.0	82.7		8.11		TAS				m_e		
BFO	44.99		P	03:39:56.223		82.7		8.11		TAS				m_e		
BRG	41.04		P	03:39:23.746	-0.8	82.7		8.11		TAS				m_e		
BSEG	43.06		P	03:39:39.942	-0.3	82.7		8.11		TAS		26.4	0.94	m_e	mb	4.9
BUG	45.16		P	03:39:57.504		82.7		8.11		TAS		11.6	0.94	m_e	mb	4.8
CLL	41.60		P	03:39:28.460	-0.3	82.7		8.11		TAS				m_e		
CLZ	43.19		P	03:39:41.901	-0.1	82.7		8.11		TAS				m_e		
FBE	41.41		P	03:39:27.071	-0.4	82.7		8.11		TAS		27.3	0.92	m_e	mb	5.0
FLT1	42.62		P	03:39:36.502	0.5	82.7		8.11		TAS		19.1	0.67	m_e	mb	5.0
GEC2	41.38		P	03:39:26.961	-0.3	82.7		8.11		TAS		10.8	1.01	m_e	mb	4.5
GRA1	42.90		P	03:39:39.827	0.0	82.7		8.11		TAS				m_e		
GTTG	43.47		P	03:39:44.546	-0.1	82.7		8.11		TAS		43.2	1.09	m_e	mb	5.1
GUNZ	42.11		P	03:39:33.177	0.2	82.7		8.11		TAS		7.2	0.86	m_e	mb	4.4
IBBN	44.74		P	03:39:53.971	-0.1	82.7		8.11		TAS		40.4	1.00	m_e	mb	5.3
KAST	44.48		P	03:39:52.003		82.7		8.11		TAS				m_e		
LNIZ	40.76		P	03:39:20.760	-0.5	82.7		8.11		TAS				m_e		
MANZ	42.29		P	03:39:35.413	0.1	82.7		8.11		TAS		7.0	0.92	m_e	mb	4.4
MILB	44.12		P	03:39:49.427	-0.1	82.7		8.11		TAS				m_e		
MOX	42.53		P	03:39:36.632	-0.3	82.7		8.11		TAS				m_e		
NEUB	42.38		P	03:39:35.416	-0.3	82.7		8.11		TAS				m_e		
NRDL	43.29		P	03:39:42.601	-0.1	82.7		8.11		TAS		22.7	1.05	m_e	mb	4.8
RGN	41.28		P	03:39:24.348	0.8	82.7		8.11		TAS				m_e		
RJOB	42.13		P	03:39:33.258	0.6	82.7		8.11		TAS				m_e		
ROTZ	42.25		P	03:39:35.037	0.1	82.7		8.11		TAS		6.4	0.96	m_e	mb	4.3
TANN	42.02		P	03:39:32.227	0.3	82.7		8.11		TAS		7.3	0.96	m_e	mb	4.4
TNS	44.60		P	03:39:53.262		82.7		8.11		TAS				m_e		
UBBA	43.53		P	03:39:45.209	-0.1	82.7		8.11		TAS				m_e		
UBR	43.93		P	03:39:48.005	-0.1	82.7		8.11		TAS				m_e		
WERD	42.12		P	03:39:33.449	1.5	82.7		8.11		TAS				m_e		
WERN	42.09		P	03:39:33.313	-0.0	82.7		8.11		TAS				m_e		
WET	41.89		P	03:39:31.142	-0.3	82.7		8.11		TAS		7.7	0.91	m_e	mb	4.4
WLF	46.15		P	03:40:05.977	-0.1	82.7		8.11		TAS		17.6	0.92	m_e	mb	5.1

Event 50520005 Peru-Ecuador border region

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

2015/05/20 22:34:37.07
50520011

-3.1460 -77.4540

51.1

24

88.23 93.30 m i ke BGR

Magnitude Err Nsta Author OrigID
mb 5.1 BGR 50520011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	88.92		P	22:47:24.864	0.1	266.3		4.72		TAS		20.2	0.97	m_e	mb 5.3
ASSE	91.31		P	22:47:36.496	-0.5	266.3		4.72		TAS		8.5	1.08	m_e	mb 5.0
BFO	89.52		P	22:47:27.288	-0.7	266.3		4.72		TAS		4.5	1.01	m_e	mb 4.7
BRG	93.30		P	22:47:45.237		266.3		4.72		TAS		13.9	1.15	m_e	mb 5.3
BSEG	91.20		P	22:47:36.003		266.3		4.72		TAS				m_e	
BUG	89.14		P	22:47:25.885	-0.1	266.3		4.72		TAS		22.3	1.05	m_e	mb 5.3
CLL	92.72		P	22:47:42.608		266.3		4.72		TAS		6.0	1.01	m_e	mb 5.0
CLZ	91.10		P	22:47:35.116	0.4	266.3		4.72		TAS		13.1	1.12	m_e	mb 5.2
FLT1	91.66		P	22:47:37.351	-0.1	266.3		4.72		TAS		6.5	0.97	m_e	mb 4.9
GEC2	93.11		P	22:47:44.185		266.3		4.72		TAS		2.4	1.08	m_e	mb 4.5
GRA1	91.52		P	22:47:37.088	-0.6	266.3		4.72		TAS				m_e	
GUNZ	92.26		P	22:47:40.176	0.4	266.3		4.72		TAS		5.2	1.08	m_e	mb 4.8
IBBN	89.53		P	22:47:27.822	0.1	266.3		4.72		TAS		13.0	0.94	m_e	mb 5.1
MANZ	92.10		P	22:47:39.651	0.1	266.3		4.72		TAS		6.9	1.09	m_e	mb 4.9
MILB	90.28		P	22:47:30.779	0.9	266.3		4.72		TAS		9.6	1.14	m_e	mb 4.9
MOX	91.82		P	22:47:37.811	0.1	266.3		4.72		TAS		1.5	0.88	m_e	mb 4.3
NEUB	91.94		P	22:47:38.775		266.3		4.72		TAS		8.4	0.94	m_e	mb 5.0
NRDL	90.98		P	22:47:34.853	-0.0	266.3		4.72		TAS		29.0	1.50	m_e	mb 5.4
RGN	92.99		P	22:47:44.448		266.3		4.72		TAS		15.1	0.83	m_e	mb 5.5
RJOB	92.47		P	22:47:41.741	-0.7	266.3		4.72		TAS		25.1	1.10	m_e	mb 5.5
ROTZ	92.16		P	22:47:40.111	0.4	266.3		4.72		TAS		11.2	1.15	m_e	mb 5.1
TANN	92.35		P	22:47:41.359	0.2	266.3		4.72		TAS		14.8	1.10	m_e	mb 5.2
TNS	89.77		P	22:47:28.742	0.0	266.3		4.72		TAS		19.8	1.11	m_e	mb 5.2
UBR	90.66		P	22:47:33.072	0.3	266.3		4.72		TAS		26.2	1.13	m_e	mb 5.5
WERN	92.29		P	22:47:40.702	-0.1	266.3		4.72		TAS		10.0	1.08	m_e	mb 5.1
WET	92.57		P	22:47:42.345	-0.2	266.3		4.72		TAS		6.6	1.09	m_e	mb 5.0
WLF	88.23		P	22:47:21.578	0.1	266.3		4.72		TAS		35.3	1.04	m_e	mb 5.6

Event 50520006 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/20	23:01:55.75			-10.9580	163.2000				85.0			11		130.42	137.22	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	135.92		PKPdf	23:08:18.297	0.6	29.5		1.29		TAS				m_e	
ASSE	133.30		PKPdf	23:08:12.661	0.5	29.5		1.29		TAS				m_e	

BFO	137.22	PKPdf	23:08:20.566		29.5	1.29	TAS	m_e
BRG	132.91	PKPdf	23:08:11.962	-0.6	29.5	1.29	TAS	m_e
BSEG	132.00	PKPdf	23:08:10.566	0.1	29.5	1.29	TAS	m_e
BUG	135.11	PKPdf	23:08:17.178	0.6	29.5	1.29	TAS	m_e
CLL	132.99	PKPdf	23:08:12.661	-0.1	29.5	1.29	TAS	m_e
CLZ	133.64	PKPdf	23:08:12.893		29.5	1.29	TAS	m_e
FLT1	132.92	PKPdf	23:08:12.461	0.6	29.5	1.29	TAS	m_e
FUR	136.09	PKPdf	23:08:19.986	0.6	29.5	1.29	TAS	m_e
GEC2	134.49	PKPdf	23:08:16.298	0.6	29.5	1.29	TAS	m_e
GRA1	134.96	PKPdf	23:08:17.100	0.6	29.5	1.29	TAS	m_e
GTTG	134.03	PKPdf	23:08:14.560	0.6	29.5	1.29	TAS	m_e
GUNZ	133.98	PKPdf	23:08:14.942	0.6	29.5	1.29	TAS	m_e
IBBN	134.23	PKPdf	23:08:15.032	0.6	29.5	1.29	TAS	m_e
KAST	134.89	PKPdf	23:08:16.520	0.6	29.5	1.29	TAS	m_e
LNIZ	130.87	PKPdf	23:08:10.032		29.5	1.29	TAS	m_e
MANZ	134.36	PKPdf	23:08:15.692	0.6	29.5	1.29	TAS	m_e
MILB	135.65	PKPdf	23:08:18.214	0.6	29.5	1.29	TAS	m_e
MOX	134.07	PKPdf	23:08:15.394	0.6	29.5	1.29	TAS	m_e
NEUB	133.59	PKPdf	23:08:13.286	0.6	29.5	1.29	TAS	m_e
NRDL	133.22	PKPdf	23:08:11.730	0.1	29.5	1.29	TAS	m_e
RGN	130.42	PKPdf	23:08:08.489	0.6	29.5	1.29	TAS	m_e
RJOB	135.70	PKPdf	23:08:18.860	0.6	29.5	1.29	TAS	m_e
ROTZ	134.48	PKPdf	23:08:15.896	0.6	29.5	1.29	TAS	m_e
RUE	131.80	PKPdf	23:08:10.799	-0.7	29.5	1.29	TAS	m_e
SKMB	131.67	PKPdf	23:08:09.726		29.5	1.29	TAS	m_e
STU	136.52	PKPdf	23:08:18.745	0.6	29.5	1.29	TAS	m_e
TANN	133.89	PKPdf	23:08:13.824		29.5	1.29	TAS	m_e
TNS	135.67	PKPdf	23:08:17.632	0.6	29.5	1.29	TAS	m_e
UBBA	134.59	PKPdf	23:08:15.132	0.6	29.5	1.29	TAS	m_e
UBR	136.97	PKPdf	23:08:19.597	0.6	29.5	1.29	TAS	m_e
WERD	133.93	PKPdf	23:08:14.289		29.5	1.29	TAS	m_e
WERN	134.02	PKPdf	23:08:15.008	0.6	29.5	1.29	TAS	m_e
WET	134.64	PKPdf	23:08:16.549	0.6	29.5	1.29	TAS	m_e
WLF	136.98	PKPdf	23:08:18.737	0.6	29.5	1.29	TAS	m_e

Event 50521001 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/21	02:42:02.54			2.7000	96.7020				59.9	1.9		23		83.34	87.55	m i k e	BGR
50521007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50521007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	85.44		P	02:54:33.051	-0.5	91.7		5.00		TAS		3.8	0.82	m_e mb	4.7

BFO	86.92	P	02:54:40.749	-0.2	91.7	5.00	TAS	3.6	0.71	m_e	mb	4.6
BRG	83.34	P	02:54:22.599	0.1	91.7	5.00	TAS			m_e		
BRG	83.34	pP	02:54:39.555	-0.2			T__			m_e		
BSEG	85.70	P	02:54:34.643	0.0	91.7	5.00	TAS	6.5	0.84	m_e	mb	4.8
BUG	87.55	P	02:54:44.249	0.5	91.7	5.00	TAS	6.2	0.76	m_e	mb	5.0
CLZ	85.62	P	02:54:34.363	0.1	91.7	5.00	TAS	4.4	0.74	m_e	mb	4.7
FLT1	85.10	P	02:54:31.229	-0.4	91.7	5.00	TAS			m_e		
GEC2	83.37	P	02:54:22.724	0.2	91.7	5.00	TAS	5.8	0.88	m_e	mb	4.8
GEC2	83.37	pP	02:54:39.791	-0.2			T__			m_e		
GRA1	85.03	P	02:54:31.229	0.3	91.7	5.00	TAS	5.7	0.82	m_e	mb	4.8
GTTG	85.87	P	02:54:35.426	-0.1	91.7	5.00	TAS			m_e		
GUNZ	84.34	P	02:54:27.399	0.1	91.7	5.00	TAS			m_e		
GUNZ	84.34	pP	02:54:44.522	-0.2			T__			m_e		
IBBN	87.24	P	02:54:42.374	-0.3	91.7	5.00	TAS	6.5	0.76	m_e	mb	4.8
KAST	86.84	P	02:54:40.519	0.2	91.7	5.00	TAS	2.2	0.82	m_e	mb	4.3
MANZ	84.46	P	02:54:28.480	0.5	91.7	5.00	TAS	4.7	0.97	m_e	mb	4.7
MANZ	84.46	pP	02:54:45.100	-0.2			T__			m_e		
MILB	86.28	P	02:54:37.609	0.0	91.7	5.00	TAS	5.7	0.74	m_e	mb	4.8
MOX	84.80	P	02:54:29.942	-0.3	91.7	5.00	TAS			m_e		
MOX	84.80	pP	02:54:46.854	-0.2			T__			m_e		
NEUB	84.73	P	02:54:29.449	-0.4	91.7	5.00	TAS			m_e		
NRDL	85.80	P	02:54:35.482	0.3	91.7	5.00	TAS			m_e		
NRDL	85.80	pP	02:54:51.880	-0.2			T__			m_e		
ROTZ	84.39	P	02:54:27.780	0.2	91.7	5.00	TAS	3.6	0.74	m_e	mb	4.7
SKMB	86.23	P	02:54:37.441	0.2	91.7	5.00	TAS	24.6	0.69	m_e	mb	5.5
TNS	86.82	P	02:54:40.127	-0.2	91.7	5.00	TAS	3.4	0.77	m_e	mb	4.6
UBR	85.72	P	02:54:34.643	-0.1	91.7	5.00	TAS	3.1	0.68	m_e	mb	4.6
UBR	85.72	pP	02:54:51.413	-0.2			T__			m_e		
WET	83.92	P	02:54:25.621	-0.2	91.7	5.00	TAS	3.0	0.79	m_e	mb	4.6

Event 50521003 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/21	19:32:56.88			-9.4710	162.6560				33.0					133.39	133.39	m i ke	BGR
50521009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	133.39		PKPbc	19:52:10.480		40.4		6.39		TAS					m_e
GRA1	133.39		PP	19:54:37.791						T__					m_e

Event 50521004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/21	21:46:17.42			-18.4260	-177.0830				33.0			21		143.92	150.24	m i ke	BGR
OrigID 50521010																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.82		PKPbc	22:05:53.345	0.1	15.0		2.78		TAS				m_e	
BFO	149.85		PKPbc	22:06:04.121		15.0		2.78		TAS				m_e	
BRG	146.46		PKPbc	22:05:55.013	-0.0	15.0		2.78		TAS				m_e	
BSEG	144.10		PKPbc	22:05:48.130	-0.4	15.0		2.78		TAS				m_e	
CLL	146.23		PKPbc	22:05:54.336	-0.0	15.0		2.78		TAS				m_e	
CLZ	146.14		PKPbc	22:05:54.440	0.3	15.0		2.78		TAS				m_e	
FLT1	145.54		PKPbc	22:05:52.198	-0.2	15.0		2.78		TAS				m_e	
FUR	149.57		PKPbc	22:06:03.317		15.0		2.78		TAS				m_e	
GEC2	148.42		PKPbc	22:06:00.441	0.4	15.0		2.78		TAS				m_e	
GTTG	146.49		PKPbc	22:05:55.170	0.1	15.0		2.78		TAS				m_e	
GUNZ	147.26		PKPbc	22:05:57.342	0.4	15.0		2.78		TAS				m_e	
LNIZ	143.92		PKPbc	22:05:47.437	-0.5	15.0		2.78		TAS				m_e	
MANZ	147.66		PKPbc	22:05:58.664	0.1	15.0		2.78		TAS				m_e	
MOX	147.11		PKPbc	22:05:56.551	-0.6	15.0		2.78		TAS				m_e	
NEUB	146.56		PKPbc	22:05:55.216	0.2	15.0		2.78		TAS				m_e	
NRDL	145.54		PKPbc	22:05:52.252	0.3	15.0		2.78		TAS				m_e	
RJOB	149.67		PKPbc	22:06:03.568		15.0		2.78		TAS				m_e	
ROTZ	147.85		PKPbc	22:05:58.977	0.1	15.0		2.78		TAS				m_e	
TANN	147.19		PKPbc	22:05:57.092	0.7	15.0		2.78		TAS				m_e	
TNS	147.97		PKPbc	22:05:59.707	0.3	15.0		2.78		TAS				m_e	
UBBA	147.19		PKPbc	22:05:56.766	0.2	15.0		2.78		TAS				m_e	
UBR	150.24		PKPbc	22:06:05.026		15.0		2.78		TAS				m_e	
WERD	147.18		PKPbc	22:05:56.607	0.2	15.0		2.78		TAS				m_e	
WET	148.32		PKPbc	22:06:00.190	0.4	15.0		2.78		TAS				m_e	
WLF	148.73		PKPbc	22:06:01.793	-0.7	15.0		2.78		TAS				m_e	

Event 50522001 United Kingdom

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/22	01:52:16.34	0.43	0.86	51.0440	1.2920	5.6	4.4	8	10.0			37	297	1.96	8.30	m i ke	BGR
OrigID 50522007																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.5		BGR	50522007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	3.70		Pn	01:53:12.657	0.5					T__				m_e	ML 4.8
AHRW	3.70		Pg	01:53:26.070	0.0					T__				m_e	

ASSE	5.95	Sn	01:54:45.763	0.8	T__	m_e	
ASSE	5.95	Pn	01:53:41.976	-0.4	T__	m_e ML	4.3
BAVN	3.72	Sn	01:53:52.065	-0.8	T__	m_e	
BAVN	3.72	Pn	01:53:12.753	0.4	T__	m_e	
BKLB	3.78	Sn	01:53:55.502	1.2	T__	m_e	
BKSB	5.37	Sn	01:54:32.762	1.2	T__	m_e	
BKSB	5.37	Pn	01:53:34.453	-0.2	T__	m_e ML	4.7
BSEG	6.23	Sn	01:54:50.301	-1.1	T__	m_e	
BSEG	6.23	Pn	01:53:44.673	-1.5	T__	m_e ML	4.1
BUG	3.78	Sn	01:53:54.658	0.4	T__	m_e	
BUG	3.78	Pn	01:53:13.527	0.4	T__	m_e ML	4.6
BULI	3.77	Sn	01:53:53.863	-0.3	T__	m_e	
BULI	3.77	Pn	01:53:13.498	0.4	T__	m_e	
CLNZ	6.26	Sn	01:54:53.596	1.3	T__	m_e	
CLNZ	6.26	Pn	01:53:46.841	0.2	T__	m_e ML	4.8
CLZ	5.74	Sn	01:54:40.291	0.3	T__	m_e	
CLZ	5.74	Pn	01:53:39.374	-0.2	T__	m_e ML	4.5
DEEL	5.31	Pn	01:53:33.574	-0.3	T__	m_e	
FAHL	4.63	Pn	01:53:24.414	-0.3	T__	m_e	
FLT1	6.32	Sn	01:54:52.552	-1.0	T__	m_e	
FLT1	6.32	Pn	01:53:46.472	-0.9	T__	m_e ML	4.3
GOR2	6.50	Pn	01:53:49.234	-0.6	T__	m_e	
GOR2	6.50	Sn	01:54:59.229	1.5	T__	m_e	
GOR3	6.57	Pn	01:53:50.485	-0.3	T__	m_e	
GTTG	5.46	Sn	01:54:34.207	0.5	T__	m_e	
GTTG	5.46	Pn	01:53:36.350	0.5	T__	m_e ML	4.7
HLG	5.10	Sn	01:54:24.246	-0.9	T__	m_e	
HLG	5.10	Pn	01:53:28.762	-2.2	T__	m_e ML	4.5
HMES	4.08	Sn	01:54:01.885	0.6	T__	m_e	
HMES	4.08	Pn	01:53:17.727	0.5	T__	m_e	
IBBE	4.24	Sn	01:54:05.610	1.1	T__	m_e	
IBBE	4.24	Pn	01:53:18.988	-0.1	T__	m_e	
IBBN	4.22	Sn	01:54:04.215	-0.3	T__	m_e	
IBBN	4.22	Sg	01:54:29.184	-0.9	T__	m_e	
IBBN	4.22	Pn	01:53:18.668	-0.4	T__	m_e ML	4.7
IBBS	4.21	Sn	01:54:03.797	-0.5	T__	m_e	
IBBS	4.21	Pn	01:53:18.910	-0.0	T__	m_e	
IGAD	5.07	Pn	01:53:29.985	-0.5	T__	m_e ML	4.5
KAST	4.49	Sn	01:54:12.221	1.3	T__	m_e	
KAST	4.49	Pn	01:53:23.327	0.6	T__	m_e ML	4.4
LNIZ	8.30	Sn	01:55:39.972	0.3	T__	m_e	
LNIZ	8.30	Pn	01:54:13.761	-0.2	T__	m_e ML	4.9
MELL	4.58	Sn	01:54:13.791	0.8	T__	m_e	
MELL	4.58	Pn	01:53:23.707	-0.2	T__	m_e ML	4.7
MEM	3.02	Pn	01:53:03.945	1.0	T__	m_e	
NRDL	5.66	Sn	01:54:37.747	-0.5	T__	m_e	
NRDL	5.66	Pn	01:53:38.119	-0.4	T__	m_e ML	4.0
RAST	4.39	Pn	01:53:21.281	-0.1	T__	m_e	
RGN	8.09	Sn	01:55:35.065	0.2	T__	m_e	

RGN	8.09	Pn	01:54:10.299	-0.9	T__	m_e	ML	4.8
SEVE	4.55	Pn	01:53:23.324	-0.2	T__	m_e		
SYKE	5.04	Sn	01:54:25.059	1.4	T__	m_e		
SYKE	5.04	Pn	01:53:29.967	-0.1	T__	m_e		
TNS	4.63	Sg	01:54:40.903	-2.2	T__	m_e		
TNS	4.63	Pn	01:53:25.962	1.3	T__	m_e	ML	4.7
UBBA	5.51	Sn	01:54:35.919	1.1	T__	m_e		
UBBA	5.51	Pn	01:53:37.359	0.8	T__	m_e	ML	4.2
UCC	1.96	Sg	01:53:16.627	-1.9	T__	m_e		
UCC	1.96	Pn	01:52:49.617	1.0	T__	m_e		
UCC	1.96	Pg	01:52:52.877	-0.3	T__	m_e		
WLF	3.41	Sg	01:54:03.632	-0.8	T__	m_e		
WLF	3.41	Pg	01:53:20.430	-0.0	T__	m_e	ML	4.6
ZARR	6.42	Sn	01:54:57.455	1.6	T__	m_e		
ZARR	6.42	Pn	01:53:47.751	-1.0	T__	m_e	ML	4.6
ZERL	3.55	Sn	01:53:48.102	-0.7	T__	m_e		
ZERL	3.55	Pn	01:53:10.496	0.5	T__	m_e		

Event 50522003 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/22	13:28:49.20			28.8550	130.3580				33.0			37		80.92	87.45	m i ke	BGR
50522009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50522009
Ms	5.0		BGR	50522009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	86.42		P	13:41:27.191	-0.5	50.2		5.03		TAS		34.9	1.47	a_e	mb	5.3
ASSE	83.67		P	13:41:13.391	0.2	50.2		5.03		TAS		70.1	1.73	a_e	mb	5.6
BFO	87.30		P	13:41:30.841	0.0	50.2		5.03		TAS		8.5	1.20	a_e	mb	4.8
BRG	82.87		P	13:41:09.291	0.0	50.2		5.03		TAS		13.4	0.96	a_e	mb	5.1
BSEG	82.67		P	13:41:08.191	-0.0	50.2		5.03		TAS		37.8	0.97	a_e	mb	5.6
BUG	85.72		P	13:41:23.391	-0.1	50.2		5.03		TAS		48.2	1.30	a_e	mb	5.5
CLL	83.07		P	13:41:09.991	-0.3	50.2		5.03		TAS		33.5	0.92	a_e	mb	5.6
CLZ	84.00		P	13:41:15.441	-0.0	50.2		5.03		TAS		73.6	1.08	m_e	mb	5.8
FLT1	83.28		P	13:41:10.941	-0.4	50.2		5.03		TAS		52.8	1.02	a_e	mb	5.7
FUR	85.92		P	13:41:24.891	0.2	50.2		5.03		TAS		65.6	1.71	a_e	mb	5.5
GEC2	84.24		P	13:41:15.991	0.1	50.2		5.03		TAS		14.6	0.83	a_e	mb	5.2
GRA1	84.97		P	13:41:20.241	0.0	50.2		5.03		TAS		90.9	1.74	a_e	mb	5.7
GRA1	84.97		L	14:23:28.108						T__		654.3	18.70	a_e	Ms	5.0
GTTG	84.38		P	13:41:17.141	0.3	50.2		5.03		TAS		37.4	0.84	a_e	mb	5.6
GUNZ	83.99		P	13:41:15.041	-0.0	50.2		5.03		TAS		22.7	0.91	a_e	mb	5.4
IBBN	84.91		P	13:41:19.391	0.4	50.2		5.03		TAS		96.3	1.24	a_e	mb	5.9
KAST	85.34		P	13:41:21.741	0.2	50.2		5.03		TAS		41.6	1.66	a_e	mb	5.4

LNIZ	81.14	P	13:41:00.341	-0.2	50.2	5.03	TAS	79.8	1.12	a_e	mb	5.7
MANZ	84.34	P	13:41:16.791	0.2	50.2	5.03	TAS	16.9	1.18	a_e	mb	5.2
MILB	85.83	P	13:41:24.141	0.2	50.2	5.03	TAS	55.1	2.17	a_e	mb	5.3
MOX	84.17	P	13:41:15.791	-0.2	50.2	5.03	TAS	12.1	0.97	a_e	mb	5.1
MOX	84.17	L	14:21:57.259				T__	441.0	19.00	a_e	Ms	4.9
NEUB	83.74	P	13:41:13.641	-0.1	50.2	5.03	TAS	68.0	1.12	a_e	mb	5.8
NRDL	83.70	P	13:41:13.641	-0.0	50.2	5.03	TAS	34.0	1.18	a_e	mb	5.5
PLN	84.00	P	13:41:14.941	0.2	50.2	5.03	TAS	20.5	1.23	a_e	mb	5.2
RGN	80.92	P	13:40:58.991	-0.4	50.2	5.03	TAS	42.5	0.78	a_e	mb	5.5
RJOB	85.40	P	13:41:22.203	-0.2	50.2	5.03	TAS	70.4	0.95	m_e	mb	5.9
ROTZ	84.43	P	13:41:17.391	0.1	50.2	5.03	TAS	33.4	1.30	a_e	mb	5.4
RUE	81.97	P	13:41:04.691	-0.1	50.2	5.03	TAS	28.2	0.54	a_e	mb	5.6
SKMB	82.56	P	13:41:07.991	0.4	50.2	5.03	TAS	66.9	0.91	a_e	mb	5.9
STU	86.58	P	13:41:27.491	0.0	50.2	5.03	TAS	19.4	0.55	m_e	mb	5.4
TANN	83.89	P	13:41:14.391	-0.1	50.2	5.03	TAS	23.6	1.36	a_e	mb	5.2
TNS	85.98	P	13:41:25.091	0.1	50.2	5.03	TAS	18.9	1.74	a_e	mb	4.9
UBBA	84.84	P	13:41:19.341	-0.1	50.2	5.03	TAS	34.4	1.40	a_e	mb	5.4
UBR	86.83	P	13:41:29.241	-0.8	50.2	5.03	TAS	15.3	1.19	a_e	mb	5.0
WERD	83.95	P	13:41:14.641	0.1	50.2	5.03	TAS	17.4	1.20	a_e	mb	5.2
WERN	84.01	P	13:41:15.241	0.5	50.2	5.03	TAS	26.2	1.07	a_e	mb	5.4
WET	84.48	P	13:41:17.441	0.1	50.2	5.03	TAS	98.9	2.44	a_e	mb	5.6
WLF	87.45	P	13:41:32.341		50.2	5.03	TAS	20.9	0.98	a_e	mb	5.2

Event 50522004 Western Arizona, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/22	18:47:46.04			36.7890	-113.9910				10.0			29		76.76	83.37	m i ke	BGR
50522010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50522010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	78.77		P	18:59:47.223	0.3	318.5		5.33		TAS		3.9	0.76	a_e	mb	4.5
ASSE	79.16		P	18:59:49.173	0.3	318.5		5.33		TAS		6.5	0.96	a_e	mb	4.6
BFO	80.93		P	18:59:58.423	-0.1	318.5		5.33		TAS		5.2	1.01	a_e	mb	4.5
BRG	81.45		P	19:00:01.173		318.5		5.33		TAS		3.0	0.90	a_e	mb	4.3
BSEG	77.68		P	18:59:40.973	-0.2	318.5		5.33		TAS		8.9	0.91	a_e	mb	4.9
CLL	80.74		P	18:59:57.123	0.2	318.5		5.33		TAS		3.7	0.98	a_e	mb	4.4
CLZ	79.25		P	18:59:49.923	-1.1	318.5		5.33		TAS		9.6	0.98	a_e	mb	4.8
FLT1	79.24		P	18:59:48.973	-0.0	318.5		5.33		TAS		5.2	0.96	a_e	mb	4.5
FUR	82.38		P	19:00:06.973		318.5		5.33		TAS		11.1	0.79	a_e	mb	5.0
GEC2	82.91		P	19:00:09.073		318.5		5.33		TAS		2.4	0.88	a_e	mb	4.4
GRA1	81.21		P	19:00:00.723	-0.0	318.5		5.33		TAS		5.1	0.84	a_e	mb	4.6
GUNZ	81.18		P	18:59:59.923	0.7	318.5		5.33		TAS		5.3	1.05	a_e	mb	4.5
IBBN	77.80		P	18:59:41.773	0.9	318.5		5.33		TAS		21.9	1.00	a_e	mb	5.2

KAST	78.88	P	18:59:47.523	0.0	318.5	5.33	TAS	3.6	1.01	a_e	mb	4.4
MANZ	81.37	P	19:00:00.873		318.5	5.33	TAS	3.4	0.94	m_e	mb	4.4
MILB	80.27	P	18:59:55.323	0.0	318.5	5.33	TAS	10.5	0.97	a_e	mb	4.7
MOX	80.66	P	18:59:56.800	0.6	318.5	5.33	TAS	1.8	0.83	m_e	mb	4.1
NRDL	78.66	P	18:59:46.423	-0.2	318.5	5.33	TAS	9.3	1.01	a_e	mb	4.8
RGN	78.40	P	18:59:45.823	0.1	318.5	5.33	TAS	30.8	0.91	a_e	mb	5.4
RJOB	83.37	P	19:00:11.573		318.5	5.33	TAS	9.6	0.85	a_e	mb	5.1
ROTZ	81.58	P	19:00:02.073		318.5	5.33	TAS	2.6	0.96	a_e	mb	4.3
SKMB	76.76	P	18:59:36.579	-0.3	318.5	5.33	TAS	37.7	0.85	m_e	mb	5.5
TANN	81.19	P	18:59:59.973	-0.1	318.5	5.33	TAS	2.8	0.88	a_e	mb	4.3
TNS	79.61	P	18:59:51.523	-0.4	318.5	5.33	TAS	4.2	1.01	a_e	mb	4.3
UBBA	79.85	P	18:59:51.768	-0.1	318.5	5.33	TAS	1.7	0.85	m_e	mb	4.0
WERN	81.25	P	19:00:00.473		318.5	5.33	TAS	3.9	0.95	a_e	mb	4.4
WET	82.33	P	19:00:06.023		318.5	5.33	TAS	1.7	0.94	a_e	mb	4.2
WLF	78.97	P	18:59:48.424	-0.6	318.5	5.33	TAS	4.9	0.78	m_e	mb	4.6

Event 50523002 Bismarck Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/23	19:28:25.57			-3.8100	149.6700				56.7	1.7		35		118.55	124.85	m i ke	BGR
50523008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	123.82		PKPdf	19:47:15.873	0.6	51.0		1.94		TAS				a_e	
ASSE	121.08		PKPdf	19:47:10.423	0.2	51.0		1.94		TAS				a_e	
BFO	124.69		PKPdf	19:47:17.123		51.0		1.94		TAS				a_e	
BRG	120.25		PKPdf	19:47:08.973	-0.4	51.0		1.94		TAS				a_e	
BSEG	120.06		PKPdf	19:47:08.423	-0.3	51.0		1.94		TAS				a_e	
BUG	123.11		PKPdf	19:47:14.173	0.1	51.0		1.94		TAS				a_e	
CLL	120.46		PKPdf	19:47:09.023	-0.1	51.0		1.94		TAS				a_e	
CLZ	121.41		PKPdf	19:47:11.323	0.2	51.0		1.94		TAS				m_e	
FLT1	120.68		PKPdf	19:47:09.323	-0.2	51.0		1.94		TAS				a_e	
FUR	123.27		PKPdf	19:47:14.823	-0.2	51.0		1.94		TAS				a_e	
GEC2	121.56		PKPdf	19:47:11.573	0.2	51.0		1.94		TAS				a_e	
GRA1	122.35		PKPdf	19:47:12.973	0.0	51.0		1.94		TAS				a_e	
GTTG	121.79		PKPdf	19:47:12.023	-0.1	51.0		1.94		TAS				a_e	
GTTG	121.79		pPKPdf	19:47:28.729						T__				m_e	
GUNZ	121.38		PKPdf	19:47:11.273	0.1	51.0		1.94		TAS				a_e	
GUNZ	121.38		pPKPdf	19:47:27.952						T__				m_e	
IBBN	122.30		PKPdf	19:47:12.773	-0.5	51.0		1.94		TAS				a_e	
KAST	122.75		PKPdf	19:47:13.723	0.0	51.0		1.94		TAS				a_e	
LNIZ	118.55		PKPdf	19:47:05.723	-0.0	51.0		1.94		TAS				a_e	
MANZ	121.72		PKPdf	19:47:11.923	0.1	51.0		1.94		TAS				a_e	
MILB	123.23		PKPdf	19:47:14.673	0.0	51.0		1.94		TAS				a_e	

MOX	121.56	PKPdf	19:47:11.373	0.1	51.0	1.94	TAS	a_e
MOX	121.56	pPKPdf	19:47:28.055				T__	m_e
NEUB	121.14	PKPdf	19:47:10.423	0.2	51.0	1.94	TAS	a_e
NRDL	121.10	PKPdf	19:47:10.623	0.0	51.0	1.94	TAS	a_e
PLN	121.39	PKPdf	19:47:11.123	0.1	51.0	1.94	TAS	a_e
RJOB	122.70	PKPdf	19:47:13.273	0.0	51.0	1.94	TAS	a_e
ROTZ	121.80	PKPdf	19:47:11.973	0.0	51.0	1.94	TAS	a_e
RUE	119.37	PKPdf	19:47:07.123	-0.2	51.0	1.94	TAS	a_e
STU	123.97	PKPdf	19:47:16.123		51.0	1.94	TAS	a_e
STU	123.97	pPKPdf	19:47:33.345				T__	m_e
TANN	121.28	PKPdf	19:47:10.973	0.0	51.0	1.94	TAS	a_e
TNS	123.39	PKPdf	19:47:14.973	-0.4	51.0	1.94	TAS	a_e
TNS	123.39	pPKPdf	19:47:31.666				T__	m_e
UBBA	122.25	PKPdf	19:47:12.873	-0.3	51.0	1.94	TAS	a_e
UBR	124.18	PKPdf	19:47:16.373		51.0	1.94	TAS	a_e
WERD	121.34	PKPdf	19:47:11.023	-0.1	51.0	1.94	TAS	a_e
WERN	121.40	PKPdf	19:47:11.323	0.2	51.0	1.94	TAS	a_e
WET	121.83	PKPdf	19:47:12.223	-0.0	51.0	1.94	TAS	a_e
WLF	124.85	PKPdf	19:47:18.423		51.0	1.94	TAS	a_e

Event 50524001 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/24	00:39:41.60			-16.2260	-12.2860				10.0			30		66.70	72.51	m i ke	BGR
OrigID 50524007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50524007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	70.93		P	00:51:01.041	-0.7	204.2		6.21		TAS		4.6	0.99	a_e mb	4.6
BFO	66.84		P	00:50:35.291	-0.4	204.2		6.21		TAS		5.6	0.90	a_e mb	4.8
BRG	70.66		P	00:50:59.341	-0.2	204.2		6.21		TAS		4.3	1.05	a_e mb	4.5
BSEG	72.51		P	00:51:10.191		204.2		6.21		TAS		13.0	0.99	a_e mb	5.0
CLL	70.79		P	00:51:00.247	-0.3	204.2		6.21		TAS		1.0	0.67	m_e mb	4.1
CLZ	70.60		P	00:50:59.041	0.7	204.2		6.21		TAS		6.9	1.19	a_e mb	4.7
FLT1	71.26		P	00:51:02.891		204.2		6.21		TAS		6.2	1.01	a_e mb	4.7
FUR	67.46		P	00:50:39.641	0.1	204.2		6.21		TAS		9.7	0.85	a_e mb	5.1
GEC2	68.78		P	00:50:47.911	0.2	204.2		6.21		TAS		3.4	0.97	m_e mb	4.5
GRA1	68.84		P	00:50:48.141	0.1	204.2		6.21		TAS		5.7	0.78	a_e mb	4.9
GTTG	70.22		P	00:50:57.034	-0.1	204.2		6.21		TAS		10.4	1.02	m_e mb	4.9
GUNZ	69.75		P	00:50:53.791	0.1	204.2		6.21		TAS		7.1	0.92	a_e mb	4.8
IBBN	70.43		P	00:50:57.941	-0.1	204.2		6.21		TAS		9.2	0.97	a_e mb	4.9
KAST	69.54		P	00:50:52.400	0.1	204.2		6.21		TAS		1.8	0.85	m_e mb	4.2
MANZ	69.35		P	00:50:51.341	0.0	204.2		6.21		TAS		6.6	1.04	a_e mb	4.8
MILB	68.47		P	00:50:45.490	-0.3	204.2		6.21		TAS		4.0	0.90	m_e mb	4.7

MOX	69.81	P	00:50:54.091	0.4	204.2	6.21	TAS	6.8	1.04	a_e	mb	4.7
NEUB	70.36	P	00:50:57.491	0.0	204.2	6.21	TAS	13.4	0.94	a_e	mb	5.1
NRDL	71.13	P	00:51:03.041		204.2	6.21	TAS	11.7	1.02	a_e	mb	5.0
RJOB	67.52	P	00:50:39.441	-0.4	204.2	6.21	TAS	14.2	0.92	a_e	mb	5.2
ROTZ	69.18	P	00:50:50.291	0.1	204.2	6.21	TAS	6.8	0.98	a_e	mb	4.8
RUE	72.05	P	00:51:07.791		204.2	6.21	TAS	9.7	1.02	a_e	mb	4.9
STU	67.47	P	00:50:39.291	-0.3	204.2	6.21	TAS	5.7	0.84	a_e	mb	4.8
TANN	69.83	P	00:50:54.341	0.1	204.2	6.21	TAS	5.5	0.99	m_e	mb	4.6
TNS	68.64	P	00:50:46.912	0.3	204.2	6.21	TAS	6.0	1.04	m_e	mb	4.8
UBBA	69.56	P	00:50:52.750	0.0	204.2	6.21	TAS	2.7	1.04	m_e	mb	4.3
UBR	66.70	P	00:50:34.841	0.0	204.2	6.21	TAS	12.9	0.93	a_e	mb	5.1
WERN	69.70	P	00:50:53.541	-0.1	204.2	6.21	TAS	5.8	0.91	a_e	mb	4.7
WET	68.80	P	00:50:48.091	0.0	204.2	6.21	TAS	5.7	0.97	a_e	mb	4.8
WLF	67.60	P	00:50:40.341	0.1	204.2	6.21	TAS	8.0	0.99	a_e	mb	4.9

Event 50524002 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/24	04:53:32.51			-15.2590	-12.1990				10.0			36		65.75	72.85	m i ke	BGR
50524008																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.3		BGR	50524008
Ms	6.2		BGR	50524008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	67.67		P	05:04:31.483	-0.2	204.4		6.28		TAS		174.6	1.18	m_e	mb	6.2
ASSE	69.98		P	05:04:46.261	0.6	204.4		6.28		TAS		280.5	1.86	m_e	mb	6.1
BFO	65.89		P	05:04:20.370	-0.3	204.4		6.28		TAS		409.9	1.77	m_e	mb	6.4
BRG	69.72		P	05:04:44.484	-0.3	204.4		6.28		TAS		112.9	1.16	m_e	mb	5.9
BSEG	71.56		P	05:04:55.579	0.5	204.4		6.28		TAS		302.6	1.22	m_e	mb	6.3
BUG	68.56		P	05:04:37.494	0.3	204.4		6.28		TAS		122.9	1.19	m_e	mb	6.0
CLL	69.84		P	05:04:45.188	-0.1	204.4		6.28		TAS		216.7	1.72	m_e	mb	6.0
CLZ	69.64		P	05:04:43.776	-0.2	204.4		6.28		TAS		263.4	1.62	m_e	mb	6.1
FLT1	70.31		P	05:04:47.908	-0.3	204.4		6.28		TAS		326.2	1.61	m_e	mb	6.2
FUR	66.52		P	05:04:25.039	0.4	204.4		6.28		TAS		799.5	1.95	m_e	mb	6.6
GEC2	67.84		P	05:04:33.002	0.2	204.4		6.28		TAS		324.8	1.76	m_e	mb	6.3
GRA1	67.89		P	05:04:33.107	-0.1	204.4		6.28		TAS		367.6	1.44	m_e	mb	6.4
GRA1	67.89		L	05:34:52.510						T__		11025.3	19.20	a_e	Ms	6.1
GTTG	69.27		P	05:04:41.934	0.1	204.4		6.28		TAS		409.4	1.44	m_e	mb	6.5
GUNZ	68.81		P	05:04:38.514	-0.5	204.4		6.28		TAS		157.2	1.12	m_e	mb	6.1
IBBN	69.47		P	05:04:43.450	0.5	204.4		6.28		TAS		387.1	1.36	m_e	mb	6.5
KAST	68.59		P	05:04:37.711	0.2	204.4		6.28		TAS		106.0	1.34	m_e	mb	5.9
LNIZ	72.13		P	05:05:00.553		204.4		6.28		TAS		483.4	1.67	m_e	mb	6.4
MANZ	68.40		P	05:04:36.290	-0.2	204.4		6.28		TAS		418.2	1.61	m_e	mb	6.4
MILB	67.52		P	05:04:30.483	-0.4	204.4		6.28		TAS		300.7	1.46	m_e	mb	6.3

MOX	68.87	P	05:04:38.929	-0.4	204.4	6.28	TAS	219.7	1.48	m_e	mb	6.2
MOX	68.87	L	05:35:20.167				T__	14171.6	19.60	a_e	Ms	6.2
NEUB	69.41	P	05:04:43.134	0.4	204.4	6.28	TAS	260.5	1.03	m_e	mb	6.4
NRDL	70.18	P	05:04:48.192	-0.5	204.4	6.28	TAS	428.5	1.37	m_e	mb	6.4
PLN	68.87	P	05:04:39.217	-0.2	204.4	6.28	TAS	357.9	1.68	m_e	mb	6.3
RGN	72.85	P	05:05:04.830		204.4	6.28	TAS	252.1	1.28	m_e	mb	6.2
RJOB	66.58	P	05:04:25.256	0.4	204.4	6.28	TAS	435.2	1.10	m_e	mb	6.6
ROTZ	68.23	P	05:04:35.274	-0.1	204.4	6.28	TAS	463.9	1.63	m_e	mb	6.5
RUE	71.11	P	05:04:53.081	-0.6	204.4	6.28	TAS	357.3	1.55	m_e	mb	6.3
STU	66.52	P	05:04:25.084	0.5	204.4	6.28	TAS	163.4	1.20	m_e	mb	6.1
TANN	68.89	P	05:04:39.431	-0.1	204.4	6.28	TAS	462.2	1.79	m_e	mb	6.4
TNS	67.68	P	05:04:32.026	0.2	204.4	6.28	TAS	239.0	1.40	m_e	mb	6.2
UBBA	68.61	P	05:04:37.791	0.1	204.4	6.28	TAS	301.2	1.70	m_e	mb	6.2
UBR	65.75	P	05:04:19.923	0.1	204.4	6.28	TAS	418.4	1.18	m_e	mb	6.6
WERD	68.88	P	05:04:39.974	0.6	204.4	6.28	TAS	425.7	1.76	m_e	mb	6.4
WERN	68.75	P	05:04:38.386	-0.2	204.4	6.28	TAS	168.5	1.17	m_e	mb	6.2
WET	67.86	P	05:04:32.917	-0.1	204.4	6.28	TAS	438.8	1.76	m_e	mb	6.4
WLF	66.64	P	05:04:25.053	-0.1	204.4	6.28	TAS	561.0	1.50	m_e	mb	6.6

Event 50524004 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/24	18:10:41.36			-19.4490	-175.2930				10.0			34		145.31	151.50	m i ke	BGR
	50524010																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	148.92		PKPbc	18:30:28.898	0.4	12.1		2.64		TAS				a_e	
ASSE	147.05		PKPbc	18:30:23.698	-0.1	12.1		2.64		TAS				a_e	
BFO	151.04		PKPbc	18:30:34.048		12.1		2.64		TAS				m_e	
BRG	147.80		PKPbc	18:30:25.748	0.0	12.1		2.64		TAS				a_e	
BSEG	145.31		PKPbc	18:30:18.079	0.1	12.1		2.64		TAS				m_e	
BUG	148.01		PKPbc	18:30:26.348	0.2	12.1		2.64		TAS				a_e	
CLL	147.54		PKPbc	18:30:24.748	-0.1	12.1		2.64		TAS				a_e	
CLZ	147.37		PKPbc	18:30:24.848	0.2	12.1		2.64		TAS				m_e	
FLT1	146.79		PKPbc	18:30:22.548	-0.2	12.1		2.64		TAS				a_e	
FUR	150.87		PKPbc	18:30:33.448		12.1		2.64		TAS				a_e	
GEC2	149.79		PKPbc	18:30:30.948	-0.8	12.1		2.64		TAS				a_e	
GRA1	149.38		PKPbc	18:30:30.028	0.5	12.1		2.64		TAS				m_e	
GTTG	147.70		PKPbc	18:30:25.329	0.1	12.1		2.64		TAS				m_e	
GUNZ	148.56		PKPbc	18:30:27.998	0.4	12.1		2.64		TAS				a_e	
IBBN	147.12		PKPbc	18:30:24.048	0.1	12.1		2.64		TAS				a_e	
KAST	148.18		PKPbc	18:30:26.898	0.2	12.1		2.64		TAS				a_e	
MANZ	148.96		PKPbc	18:30:29.048	0.3	12.1		2.64		TAS				a_e	
MILB	149.47		PKPbc	18:30:30.498	-1.1	12.1		2.64		TAS				a_e	

MOX	148.39	PKPbc	18:30:27.165	0.3	12.1	2.64	TAS	m_e
NEUB	147.83	PKPbc	18:30:25.848	0.1	12.1	2.64	TAS	a_e
NRDL	146.75	PKPbc	18:30:22.798	0.4	12.1	2.64	TAS	a_e
PLN	148.47	PKPbc	18:30:27.548	0.7	12.1	2.64	TAS	m_e
RJOB	151.03	PKPbc	18:30:33.398		12.1	2.64	TAS	a_e
ROTZ	149.16	PKPbc	18:30:29.598	0.3	12.1	2.64	TAS	a_e
RUE	146.29	PKPbc	18:30:21.098	0.0	12.1	2.64	TAS	a_e
STU	150.53	PKPbc	18:30:31.698	-0.6	12.1	2.64	TAS	a_e
TANN	148.49	PKPbc	18:30:27.698	0.1	12.1	2.64	TAS	a_e
TNS	149.15	PKPbc	18:30:29.598	-0.0	12.1	2.64	TAS	a_e
UBBA	148.42	PKPbc	18:30:27.398	0.4	12.1	2.64	TAS	a_e
UBR	151.50	PKPbc	18:30:34.798		12.1	2.64	TAS	a_e
WERD	148.49	PKPbc	18:30:27.598	0.4	12.1	2.64	TAS	a_e
WERN	148.63	PKPbc	18:30:28.448	0.3	12.1	2.64	TAS	a_e
WET	149.65	PKPbc	18:30:30.898	-0.2	12.1	2.64	TAS	a_e
WLF	149.83	PKPbc	18:30:31.848	-0.2	12.1	2.64	TAS	a_e

Event 50525001 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/24	23:59:44.84			7.1500	-36.1900				10.0			35		55.21	61.50	m i ke	BGR
50525007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50525007
Ms	4.8		BGR	50525007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	56.20		P	00:09:27.032	0.7	239.1		7.02		TAS		20.7	1.40	a_e mb	5.0
ASSE	58.96		P	00:09:45.782	0.2	239.1		7.02		TAS		35.5	1.65	a_e mb	5.1
BFO	55.65		P	00:09:22.632	0.1	239.1		7.02		TAS		29.2	1.23	a_e mb	5.2
BRG	60.09		P	00:09:53.782		239.1		7.02		TAS		37.8	1.79	a_e mb	5.1
BSEG	59.76		P	00:09:50.932	-0.1	239.1		7.02		TAS		34.2	1.16	a_e mb	5.3
BUG	56.82		P	00:09:30.582	-0.0	239.1		7.02		TAS		21.1	1.29	a_e mb	5.0
CLL	59.78		P	00:09:51.358	0.1	239.1		7.02		TAS		29.1	1.93	m_e mb	5.0
CLZ	58.65		P	00:09:43.332	-0.2	239.1		7.02		TAS		12.2	1.35	a_e mb	4.8
FLT1	59.36		P	00:09:48.282	-0.1	239.1		7.02		TAS		125.2	2.66	a_e mb	5.5
FUR	57.25		P	00:09:33.832	0.2	239.1		7.02		TAS		30.3	1.04	a_e mb	5.3
GEC2	58.99		P	00:09:45.832	0.0	239.1		7.02		TAS		30.5	1.86	a_e mb	5.0
GRA1	57.99		P	00:09:38.982	0.0	239.1		7.02		TAS		44.9	1.07	a_e mb	5.4
GRA1	57.99		L	00:31:00.191						T__		619.4	19.70	a_e Ms	4.7
GTTG	58.28		P	00:09:41.132	0.2	239.1		7.02		TAS		24.5	1.20	a_e mb	5.1
GUNZ	58.94		P	00:09:45.832	0.0	239.1		7.02		TAS		25.5	1.30	a_e mb	5.1
IBBN	57.57		P	00:09:35.732	-0.0	239.1		7.02		TAS		28.3	1.14	a_e mb	5.2
KAST	57.28		P	00:09:33.882	-0.0	239.1		7.02		TAS		27.8	1.63	a_e mb	5.0
LNIZ	61.50		P	00:10:03.332		239.1		7.02		TAS		47.3	1.29	a_e mb	5.6

MANZ	58.63	P	00:09:43.382	-0.1	239.1	7.02	TAS	16.7	1.26	a_e	mb	4.9
MILB	56.99	P	00:09:31.332	-0.6	239.1	7.02	TAS	14.6	1.14	a_e	mb	4.9
MOX	58.69	P	00:09:44.082	0.2	239.1	7.02	TAS	23.2	1.50	a_e	mb	5.0
MOX	58.69	L	00:30:40.841				T__	811.0	20.40	a_e	Ms	4.8
NEUB	59.05	P	00:09:46.282	-0.2	239.1	7.02	TAS	31.1	1.24	a_e	mb	5.2
NRDL	58.87	P	00:09:45.532	0.2	239.1	7.02	TAS	37.9	1.64	a_e	mb	5.2
PLN	58.91	P	00:09:45.482	0.6	239.1	7.02	TAS	24.6	1.29	a_e	mb	5.1
RJOB	57.94	P	00:09:38.082	-0.2	239.1	7.02	TAS	81.3	0.97	a_e	mb	5.7
ROTZ	58.58	P	00:09:43.032	-0.0	239.1	7.02	TAS	33.3	1.42	a_e	mb	5.2
RUE	60.78	P	00:09:58.382		239.1	7.02	TAS	43.0	1.20	m_e	mb	5.2
STU	56.37	P	00:09:27.232	-0.4	239.1	7.02	TAS	20.8	1.16	a_e	mb	5.1
TANN	59.04	P	00:09:46.582	-0.2	239.1	7.02	TAS	48.5	1.53	a_e	mb	5.3
TNS	56.75	P	00:09:30.282	0.0	239.1	7.02	TAS	28.2	1.30	a_e	mb	5.1
UBBA	57.90	P	00:09:38.682	0.3	239.1	7.02	TAS	44.9	1.92	a_e	mb	5.2
UBR	56.33	P	00:09:27.482	0.3	239.1	7.02	TAS	25.6	1.07	a_e	mb	5.2
WERD	58.97	P	00:09:45.882	0.1	239.1	7.02	TAS	30.1	1.28	a_e	mb	5.2
WERN	58.93	P	00:09:45.782	0.2	239.1	7.02	TAS	33.0	1.12	m_e	mb	5.3
WET	58.66	P	00:09:43.332	-0.2	239.1	7.02	TAS	11.9	1.29	a_e	mb	4.8
WLF	55.21	P	00:09:18.832	-0.6	239.1	7.02	TAS	19.9	1.07	a_e	mb	5.1

Event 50525002 South Atlantic Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/25	02:05:56.24			-23.4450	-5.8340				10.0			29		72.23	78.31	m i ke	BGR
OrigID 50525008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50525008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	76.62	P		02:17:49.111		196.2		5.80		TAS		4.6	1.00	m_e	mb	4.6
BFO	72.56	P		02:17:23.536	-0.3	196.2		5.80		TAS		6.3	0.84	a_e	mb	4.8
BRG	76.02	P		02:17:47.536	2.0	196.2		5.80		TAS		3.4	0.89	a_e	mb	4.5
BSEG	78.31	P		02:17:58.386		196.2		5.80		TAS		10.5	0.93	a_e	mb	5.0
CLZ	76.30	P		02:17:47.286	1.2	196.2		5.80		TAS		4.7	0.95	a_e	mb	4.6
FLT1	76.91	P		02:17:51.036		196.2		5.80		TAS		5.3	0.97	a_e	mb	4.6
FUR	72.91	P		02:17:27.886	2.0	196.2		5.80		TAS		9.6	0.88	a_e	mb	4.9
GEC2	74.05	P		02:17:36.236	3.8	196.2		5.80		TAS		3.7	0.90	a_e	mb	4.4
GRA1	74.37	P		02:17:36.286	1.9	196.2		5.80		TAS		5.7	0.85	a_e	mb	4.6
GTTG	75.95	P		02:17:45.336	1.7	196.2		5.80		TAS		12.5	1.04	a_e	mb	5.0
GUNZ	75.22	P		02:17:41.986	2.8	196.2		5.80		TAS		9.7	0.95	a_e	mb	4.8
IBBN	76.36	P		02:17:46.086		196.2		5.80		TAS		9.0	0.92	a_e	mb	4.9
MANZ	74.82	P		02:17:39.536	2.8	196.2		5.80		TAS		8.0	1.02	a_e	mb	4.7
MILB	74.17	P		02:17:33.559	0.4	196.2		5.80		TAS		4.2	0.78	m_e	mb	4.5
MOX	75.36	P		02:17:42.336	1.9	196.2		5.80		TAS		6.6	0.99	a_e	mb	4.6
NEUB	75.91	P		02:17:45.686	0.3	196.2		5.80		TAS		17.2	0.91	a_e	mb	5.2

NRDL	76.89	P	02:17:51.186	196.2	5.80	TAS	11.8	0.97	a_e	mb	5.0
PLN	75.31	P	02:16:46.286	2.4 196.2	5.80	TAS			a_e		
RJOB	72.81	P	02:17:27.686	2.5 196.2	5.80	TAS	18.5	0.71	a_e	mb	5.3
ROTZ	74.63	P	02:17:38.486	2.6 196.2	5.80	TAS	7.3	0.94	a_e	mb	4.7
RUE	77.51	P	02:17:55.936	196.2	5.80	TAS	12.1	0.98	a_e	mb	5.0
STU	73.13	P	02:17:27.436	0.3 196.2	5.80	TAS	6.8	0.88	a_e	mb	4.8
TANN	75.30	P	02:17:42.486	-53.5 196.2	5.80	TAS	6.2	0.99	a_e	mb	4.6
TNS	74.42	P	02:17:35.036	0.4 196.2	5.80	TAS	16.9	1.33	a_e	mb	4.9
UBR	72.23	P	02:17:23.036	1.1 196.2	5.80	TAS	15.8	0.86	a_e	mb	5.2
WERD	75.30	P	02:17:42.286	2.3 196.2	5.80	TAS	6.1	0.84	a_e	mb	4.7
WERN	75.16	P	02:17:41.736	2.7 196.2	5.80	TAS	9.4	1.01	a_e	mb	4.8
WET	74.16	P	02:17:36.286	3.2 196.2	5.80	TAS	6.5	0.95	m_e	mb	4.6
WLF	73.56	P	02:17:28.486	-1.0 196.2	5.80	TAS	17.3	1.14	a_e	mb	5.0

Event 50525003 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/25	02:06:30.19			-16.4600	-12.4500				10.0			29		66.97	72.78	m i ke	BGR
50525009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50525009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	68.89	P		02:17:35.629	0.4	204.1		6.16		TAS		4.2	0.74	m_e	mb	4.8
ASSE	71.20	P		02:17:49.460		204.1		6.16		TAS		4.6	1.00	m_e	mb	4.6
BFO	67.11	P		02:17:23.949	-0.4	204.1		6.16		TAS		6.3	0.84	a_e	mb	4.9
BRG	70.93	P		02:17:47.831	-0.3	204.1		6.16		TAS		3.4	0.89	m_e	mb	4.5
BSEG	72.78	P		02:17:58.569		204.1		6.16		TAS		10.5	0.93	m_e	mb	5.0
CLZ	70.86	P		02:17:47.497	-0.7	204.1		6.16		TAS		4.7	0.95	m_e	mb	4.6
FLT1	71.52	P		02:17:51.280		204.1		6.16		TAS		5.3	0.97	m_e	mb	4.6
FUR	67.73	P		02:17:28.299	0.1	204.1		6.16		TAS		9.6	0.88	a_e	mb	5.0
GEC2	69.05	P		02:17:36.516	0.3	204.1		6.16		TAS		3.7	0.90	m_e	mb	4.6
GRA1	69.11	P		02:17:36.553	-0.1	204.1		6.16		TAS		5.7	0.85	m_e	mb	4.8
GTTG	70.49	P		02:17:45.629	0.0	204.1		6.16		TAS		12.5	1.04	m_e	mb	5.0
GUNZ	70.02	P		02:17:42.349	0.0	204.1		6.16		TAS		9.7	0.95	m_e	mb	4.9
IBBN	70.69	P		02:17:46.401	-0.3	204.1		6.16		TAS		9.0	0.92	m_e	mb	4.9
KAST	69.81	P		02:17:40.728	0.1	204.1		6.16		TAS		3.7	1.12	m_e	mb	4.4
MANZ	69.62	P		02:17:39.801	0.0	204.1		6.16		TAS		8.0	1.02	m_e	mb	4.8
MILB	68.74	P		02:17:34.126	-0.2	204.1		6.16		TAS		4.2	0.78	m_e	mb	4.7
MOX	70.08	P		02:17:42.661	0.0	204.1		6.16		TAS		6.6	0.99	m_e	mb	4.7
NEUB	70.62	P		02:17:46.149	-0.1	204.1		6.16		TAS		17.2	0.91	a_e	mb	5.2
NRDL	71.40	P		02:17:51.450		204.1		6.16		TAS		11.8	0.97	m_e	mb	5.0
RJOB	67.79	P		02:17:28.149	-0.2	204.1		6.16		TAS		18.5	0.71	a_e	mb	5.4
ROTZ	69.45	P		02:17:38.735	0.0	204.1		6.16		TAS		7.3	0.94	m_e	mb	4.9
RUE	72.32	P		02:17:56.162		204.1		6.16		TAS		12.1	0.98	m_e	mb	5.0

STU	67.73	P	02:17:27.737	-0.5	204.1	6.16	TAS	6.8	0.88	m_e	mb	4.9
TANN	70.10	P	02:17:42.765	0.1	204.1	6.16	TAS	6.2	0.99	m_e	mb	4.7
TNS	68.90	P	02:17:35.499	0.2	204.1	6.16	TAS	10.8	1.24	a_e	mb	4.9
UBR	66.97	P	02:17:23.499	0.0	204.1	6.16	TAS	15.8	0.86	m_e	mb	5.3
WERN	69.96	P	02:17:41.969	0.0	204.1	6.16	TAS	9.4	1.01	m_e	mb	4.9
WET	69.07	P	02:17:36.526	0.1	204.1	6.16	TAS	6.5	0.95	m_e	mb	4.8
WLF	67.86	P	02:17:28.831	0.0	204.1	6.16	TAS	17.3	1.14	m_e	mb	5.2

Event 50525004 New Ireland, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/25	04:48:32.40			-3.8800	151.0900				80.0			31		119.28	125.58	m i ke	BGR
OrigID 50525010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	124.53		PKPdf	05:07:22.365		49.6		1.93		TAS				a_e	
ASSE	121.80		PKPdf	05:07:16.915	-0.2	49.6		1.93		TAS				a_e	
BFO	125.46		PKPdf	05:07:23.815		49.6		1.93		TAS				a_e	
BRG	121.03		PKPdf	05:07:15.615	-0.2	49.6		1.93		TAS				a_e	
BSEG	120.75		PKPdf	05:07:15.034	-0.5	49.6		1.93		TAS				m_e	
BUG	123.81		PKPdf	05:07:20.836	-0.2	49.6		1.93		TAS				m_e	
CLL	121.22		PKPdf	05:07:15.615	-0.0	49.6		1.93		TAS				a_e	
CLZ	122.13		PKPdf	05:07:18.015	-0.1	49.6		1.93		TAS				m_e	
FLT1	121.41		PKPdf	05:07:15.865	-0.2	49.6		1.93		TAS				a_e	
GEC2	122.38		PKPdf	05:07:18.315	-0.1	49.6		1.93		TAS				a_e	
GRA1	123.13		PKPdf	05:07:19.914	0.1	49.6		1.93		TAS				m_e	
GTTG	122.52		PKPdf	05:07:18.515	-0.1	49.6		1.93		TAS				a_e	
GUNZ	122.15		PKPdf	05:07:17.965	0.0	49.6		1.93		TAS				a_e	
IBBN	122.99		PKPdf	05:07:19.399	0.0	49.6		1.93		TAS				m_e	
KAST	123.46		PKPdf	05:07:20.215	-0.0	49.6		1.93		TAS				a_e	
LNIZ	119.28		PKPdf	05:07:12.802	-0.1	49.6		1.93		TAS				m_e	
MANZ	122.50		PKPdf	05:07:18.615	0.3	49.6		1.93		TAS				m_e	
MILB	123.98		PKPdf	05:07:21.315	-0.3	49.6		1.93		TAS				a_e	
MOX	122.32		PKPdf	05:07:18.015	0.2	49.6		1.93		TAS				a_e	
NEUB	121.89		PKPdf	05:07:17.015	0.2	49.6		1.93		TAS				a_e	
NRDL	121.81		PKPdf	05:07:17.115	0.3	49.6		1.93		TAS				a_e	
PLN	122.16		PKPdf	05:07:17.715	0.2	49.6		1.93		TAS				a_e	
RJOB	123.53		PKPdf	05:07:20.370	0.1	49.6		1.93		TAS				m_e	
STU	124.74		PKPdf	05:07:22.815		49.6		1.93		TAS				a_e	
TANN	122.05		PKPdf	05:07:17.615	-0.1	49.6		1.93		TAS				a_e	
TNS	124.12		PKPdf	05:07:21.683		49.6		1.93		TAS				m_e	
UBR	124.99		PKPdf	05:07:23.115		49.6		1.93		TAS				a_e	
WERD	122.11		PKPdf	05:07:17.437	0.2	49.6		1.93		TAS				m_e	
WERN	122.17		PKPdf	05:07:18.015	0.0	49.6		1.93		TAS				a_e	

WET	122.63	PKPdf	05:07:18.965	-0.2	49.6	1.93	TAS	a_e
WLF	125.58	PKPdf	05:07:24.996		49.6	1.93	TAS	m_e

Event 50525005 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/25	05:28:08.65			36.4100	140.5300				58.7	1.0		35		78.69	85.50	m i ke	BGR
OrigID 50525011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50525011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.20		P	05:40:34.243	-0.1	38.9		5.20		TAS		35.7	1.13	a_e mb	5.5
ASSE	81.57		P	05:40:20.393	0.4	38.9		5.20		TAS		29.9	1.21	a_e mb	5.3
BFO	85.50		P	05:40:40.493		38.9		5.20		TAS		50.1	1.15	a_e mb	5.6
BRG	81.22		P	05:40:18.593	-0.0	38.9		5.20		TAS		29.0	1.04	a_e mb	5.2
BSEG	80.29		P	05:40:13.943	-0.5	38.9		5.20		TAS		49.2	1.01	a_e mb	5.4
BUG	83.40		P	05:40:29.743	0.1	38.9		5.20		TAS		18.5	0.83	a_e mb	5.3
CLL	81.28		P	05:40:18.643	-0.1	38.9		5.20		TAS		61.6	0.96	a_e mb	5.6
CLZ	81.91		P	05:40:22.643	0.0	38.9		5.20		TAS		54.4	1.06	a_e mb	5.6
FLT1	81.19		P	05:40:17.993	-0.4	38.9		5.20		TAS		57.8	1.04	a_e mb	5.5
FLT1	81.19		pP	05:40:34.490	21.8					T__				m_e	
FUR	84.42		P	05:40:35.293	0.3	38.9		5.20		TAS		65.5	0.88	a_e mb	5.9
FUR	84.42		pP	05:40:51.547	21.8					T__				m_e	
GEC2	82.86		P	05:40:27.043	0.1	38.9		5.20		TAS		18.6	1.00	a_e mb	5.3
GRA1	83.25		P	05:40:29.743	0.0	38.9		5.20		TAS		79.2	0.99	m_e mb	5.9
GRA1	83.25		pP	05:40:46.024	21.8					T__				m_e	
GTTG	82.30		P	05:40:24.393	0.2	38.9		5.20		TAS		43.7	0.97	a_e mb	5.6
GTTG	82.30		pP	05:40:40.929	21.8					T__				m_e	
GUNZ	82.28		P	05:40:24.293	0.0	38.9		5.20		TAS		27.3	1.15	a_e mb	5.3
IBBN	82.53		P	05:40:25.393	0.5	38.9		5.20		TAS		54.0	0.97	a_e mb	5.7
KAST	83.16		P	05:40:28.843	-0.2	38.9		5.20		TAS		19.0	0.92	a_e mb	5.3
LNIZ	79.14		P	05:40:07.643	-0.2	38.9		5.20		TAS		76.4	0.83	a_e mb	5.8
LNIZ	79.14		pP	05:40:24.169	21.8					T__				m_e	
MANZ	82.66		P	05:40:26.243	-0.2	38.9		5.20		TAS		24.0	1.06	a_e mb	5.4
MILB	83.92		P	05:40:32.743	0.2	38.9		5.20		TAS		58.3	1.76	a_e mb	5.5
MOX	82.35		P	05:40:24.593	0.1	38.9		5.20		TAS		32.9	1.37	a_e mb	5.3
NEUB	81.86		P	05:40:21.893	0.1	38.9		5.20		TAS		62.6	0.98	a_e mb	5.7
NEUB	81.86		pP	05:40:38.509	21.8					T__				m_e	
NRDL	81.50		P	05:40:20.093	-0.1	38.9		5.20		TAS		19.7	0.93	a_e mb	5.1
NRDL	81.50		pP	05:40:36.713	21.8					T__				m_e	
PLN	82.25		P	05:40:24.093	0.1	38.9		5.20		TAS		14.0	0.97	a_e mb	5.1
RGN	78.69		P	05:40:05.532	0.0	38.9		5.20		TAS		88.3	1.21	m_e mb	5.7
RJOB	84.10		P	05:40:33.893	-0.1	38.9		5.20		TAS		170.1	1.09	a_e mb	6.2
ROTZ	82.79		P	05:40:27.343	0.3	38.9		5.20		TAS		55.5	1.44	a_e mb	5.6

RUE	80.08	P	05:40:12.693	0.2	38.9	5.20	TAS	78.0	1.32	a_e	mb	5.5
STU	84.80	P	05:40:37.188	-0.6	38.9	5.20	TAS	67.2	1.18	m_e	mb	5.8
TANN	82.19	P	05:40:23.843	0.0	38.9	5.20	TAS	42.8	1.81	a_e	mb	5.3
TNS	83.94	P	05:40:32.843	0.1	38.9	5.20	TAS	27.5	1.31	a_e	mb	5.3
UBR	85.29	P	05:40:39.215		38.9	5.20	TAS	13.1	1.17	m_e	mb	5.0
WERD	82.22	P	05:40:23.943	0.1	38.9	5.20	TAS	31.0	1.28	a_e	mb	5.3
WERN	82.32	P	05:40:24.593	0.0	38.9	5.20	TAS	29.6	1.03	a_e	mb	5.4
WET	82.99	P	05:40:28.193	0.5	38.9	5.20	TAS	31.0	1.24	a_e	mb	5.4
WLF	85.26	P	05:40:39.943	-0.4	38.9	5.20	TAS	55.3	1.45	a_e	mb	5.6

Event 50525006 Eastern Sea of Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/25	06:37:42.07			42.2700	136.1600				394.6	5.3		35		71.93	78.74	m i ke	BGR
50525012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50525012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.44		P	06:48:54.708	-0.2	38.7		5.58		TAS		27.6	0.86	a_e	mb 5.4
ASSE	74.81		P	06:48:40.008	0.4	38.7		5.58		TAS		18.6	1.20	a_e	mb 5.0
BFO	78.74		P	06:49:01.608		38.7		5.58		TAS		40.5	1.13	a_e	mb 5.4
BFO	78.74		pP	06:50:29.808						T__				m_e	
BRG	74.47		P	06:48:37.958	0.1	38.7		5.58		TAS		16.5	0.90	a_e	mb 5.1
BRG	74.47		pP	06:50:04.718						T__				m_e	
BSEG	73.53		P	06:48:32.958	-0.5	38.7		5.58		TAS		41.6	0.93	a_e	mb 5.5
BSEG	73.53		pP	06:50:00.540						T__				m_e	
BUG	76.65		P	06:48:50.108	0.2	38.7		5.58		TAS		21.9	0.96	a_e	mb 5.3
CLL	74.52		P	06:48:37.958	0.1	38.7		5.58		TAS		31.6	0.99	a_e	mb 5.3
CLZ	75.15		P	06:48:42.258	0.0	38.7		5.58		TAS		30.5	0.97	a_e	mb 5.3
FLT1	74.43		P	06:48:37.358	-0.5	38.7		5.58		TAS		38.8	0.87	a_e	mb 5.4
FUR	77.67		P	06:48:56.058	-0.9	38.7		5.58		TAS		42.5	1.10	a_e	mb 5.5
FUR	77.67		pP	06:50:24.349						T__				m_e	
GEC2	76.12		P	06:48:47.108	0.2	38.7		5.58		TAS		16.2	1.20	m_e	mb 5.0
GEC2	76.12		pP	06:50:14.891						T__				m_e	
GRA1	76.50		P	06:48:49.908	-0.2	38.7		5.58		TAS		39.2	0.99	a_e	mb 5.5
GRA1	76.50		pP	06:50:17.804						T__				m_e	
GTTG	75.54		P	06:48:44.158	0.0	38.7		5.58		TAS		22.9	1.11	a_e	mb 5.2
GUNZ	75.52		P	06:48:44.108	0.1	38.7		5.58		TAS		19.5	1.14	a_e	mb 5.1
IBBN	75.77		P	06:48:45.258	0.4	38.7		5.58		TAS		40.2	1.22	a_e	mb 5.4
KAST	76.41		P	06:48:49.072	-0.0	38.7		5.58		TAS		16.9	1.08	m_e	mb 5.1
LNIZ	72.38		P	06:48:26.208	-0.2	38.7		5.58		TAS		109.1	0.87	a_e	mb 6.0
MANZ	75.90		P	06:48:46.208	-0.1	38.7		5.58		TAS		14.4	1.18	a_e	mb 5.0
MILB	77.16		P	06:48:52.870	0.4	38.7		5.58		TAS		12.6	1.37	m_e	mb 4.9
MOX	75.59		P	06:48:44.408	0.1	38.7		5.58		TAS		17.6	1.26	a_e	mb 5.0

NEUB	75.11	P	06:48:41.408	0.0	38.7	5.58	TAS	38.2	0.94	a_e	mb	5.4
NRDL	74.74	P	06:48:39.658	-0.2	38.7	5.58	TAS	15.0	0.95	a_e	mb	5.0
PLN	75.50	P	06:48:43.958	0.2	38.7	5.58	TAS	9.4	0.94	a_e	mb	4.8
RGN	71.93	P	06:48:23.708	-0.2	38.7	5.58	TAS	79.7	1.07	a_e	mb	5.8
RJOB	77.36	P	06:48:54.508	0.1	38.7	5.58	TAS	98.3	1.06	a_e	mb	5.9
RJOB	77.36	pP	06:50:22.692				T__				m_e	
ROTZ	76.03	P	06:48:47.208	0.3	38.7	5.58	TAS	23.0	1.19	a_e	mb	5.2
ROTZ	76.03	pP	06:50:14.889				T__				m_e	
RUE	73.32	P	06:48:31.558	0.2	38.7	5.58	TAS	76.3	1.40	a_e	mb	5.6
STU	78.04	P	06:48:57.808	-0.1	38.7	5.58	TAS	39.4	1.29	a_e	mb	5.4
TANN	75.43	P	06:48:43.473	0.1	38.7	5.58	TAS	12.5	1.17	m_e	mb	4.8
TNS	77.18	P	06:48:53.320	0.1	38.7	5.58	TAS	23.0	1.43	m_e	mb	5.1
UBR	78.53	P	06:48:59.830	-0.3	38.7	5.58	TAS	14.7	1.28	m_e	mb	4.9
WERD	75.47	P	06:48:43.708	0.1	38.7	5.58	TAS	29.3	1.40	a_e	mb	5.1
WERN	75.56	P	06:48:44.408	0.0	38.7	5.58	TAS	22.5	1.10	a_e	mb	5.2
WET	76.24	P	06:48:48.258	0.5	38.7	5.58	TAS	18.1	1.02	a_e	mb	5.1
WET	76.24	pP	06:50:16.134				T__				m_e	
WLF	78.50	P	06:49:00.458		38.7	5.58	TAS	13.6	1.10	m_e	mb	4.9

Event 50525007 South of Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/25	10:01:50.15			-24.6200	-174.3700				33.0			23		150.43	156.24	m i ke	BGR
	50525013																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	152.26		PKPbc	10:21:42.681	0.0	14.2		2.17		TAS				m_e	
BFO	156.24		PKPab	10:22:11.280		14.2		2.17		TAS				m_e	
BRG	153.01		PKPdf	10:21:36.578		14.2		2.17		TAS				m_e	
BRG	153.01		PKPbc	10:21:44.090	0.0	14.2		2.17		TAS				m_e	
BSEG	150.51		PKPbc	10:21:38.991	0.1	14.2		2.17		TAS				m_e	
CLL	152.76		PKPbc	10:21:43.624	-0.2	14.2		2.17		TAS				m_e	
CLZ	152.58		PKPbc	10:21:43.609		14.2		2.17		TAS				m_e	
FLT1	152.00		PKPbc	10:21:41.875	-0.0	14.2		2.17		TAS				m_e	
GEC2	155.00		PKPdf	10:21:38.429		14.2		2.17		TAS				m_e	
GEC2	155.00		PKPbc	10:21:48.278		14.2		2.17		TAS				m_e	
GRA1	154.59		PKPab	10:22:04.296		14.2		2.17		TAS				m_e	
GUNZ	153.78		PKPab	10:22:00.151		14.2		2.17		TAS				m_e	
HLG	150.43		PKPbc	10:21:39.327		14.2		2.17		TAS				m_e	
KAST	153.37		PKPbc	10:21:45.319		14.2		2.17		TAS				m_e	
LNIZ	150.45		PKPbc	10:21:38.751		14.2		2.17		TAS				m_e	
MANZ	154.18		PKPbc	10:21:46.767		14.2		2.17		TAS				m_e	
MOX	153.61		PKPdf	10:21:38.021		14.2		2.17		TAS				m_e	
MOX	153.61		PKPbc	10:21:45.241		14.2		2.17		TAS				m_e	

NRDL	151.96	PKPbc	10:21:42.017	0.2	14.2	2.17	TAS	m_e
PLN	153.69	PKPbc	10:21:45.594		14.2	2.17	TAS	m_e
PLN	153.69	PKPab	10:21:58.985		14.2	2.17	TAS	m_e
ROTZ	154.38	PKPbc	10:21:47.111		14.2	2.17	TAS	m_e
ROTZ	154.38	PKPab	10:22:02.199		14.2	2.17	TAS	m_e
TANN	153.71	PKPdf	10:21:37.753		14.2	2.17	TAS	m_e
TANN	153.71	PKPbc	10:21:45.618		14.2	2.17	TAS	m_e
TNS	154.35	pPKPdf	10:21:47.739				T__	m_e
TNS	154.35	PKPab	10:22:03.274		14.2	2.17	TAS	m_e
WERD	153.70	PKPbc	10:21:45.818		14.2	2.17	TAS	m_e
WERN	153.85	PKPab	10:22:00.416		14.2	2.17	TAS	m_e
WLF	155.00	PKPbc	10:21:49.696		14.2	2.17	TAS	m_e
WLF	155.00	PKPab	10:22:07.244		14.2	2.17	TAS	m_e

Event 50525008 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/25	11:34:12.38			52.9100	-169.7400			46.7		1.4		31		72.88	79.79	m i ke	BGR
	50525014																

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50525014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.89		P	11:45:59.855	0.1	0.8		5.65		TAS		19.7	1.45	m_e mb	5.0
ASSE	75.33		P	11:45:50.892	-0.4	0.8		5.65		TAS		8.0	1.03	m_e mb	4.7
BFO	79.12		P	11:46:11.941		0.8		5.65		TAS		14.4	1.40	a_e mb	4.8
BRG	76.55		P	11:45:57.630	0.2	0.8		5.65		TAS		9.7	1.03	m_e mb	4.9
BSEG	73.52		P	11:45:40.667	-0.3	0.8		5.65		TAS		21.6	1.14	m_e mb	5.1
CLL	76.13		P	11:45:54.941	0.0	0.8		5.65		TAS		8.6	1.05	a_e mb	4.8
CLZ	75.62		P	11:45:52.741	-0.1	0.8		5.65		TAS		18.2	1.09	a_e mb	5.1
FLT1	75.13		P	11:45:49.128	0.3	0.8		5.65		TAS		8.9	1.11	m_e mb	4.7
FUR	79.30		P	11:46:13.241		0.8		5.65		TAS		16.4	0.49	a_e mb	5.3
GEC2	78.58		P	11:46:09.191		0.8		5.65		TAS		8.1	1.06	m_e mb	4.7
GRA1	77.77		P	11:46:04.991	-0.1	0.8		5.65		TAS		26.1	1.38	a_e mb	5.2
GTTG	75.92		P	11:45:54.499	-0.1	0.8		5.65		TAS		23.2	1.15	m_e mb	5.2
IBBN	75.14		P	11:45:49.794	0.2	0.8		5.65		TAS		28.5	1.09	m_e mb	5.2
KAST	76.25		P	11:45:55.991	0.2	0.8		5.65		TAS		10.5	1.26	a_e mb	4.8
MANZ	77.47		P	11:46:02.891	0.0	0.8		5.65		TAS		21.7	2.00	a_e mb	4.9
MILB	77.64		P	11:46:03.841	-0.3	0.8		5.65		TAS		11.3	0.95	a_e mb	5.0
MOX	76.81		P	11:45:59.241	0.2	0.8		5.65		TAS		11.3	1.05	a_e mb	4.9
NEUB	76.26		P	11:45:56.068	0.0	0.8		5.65		TAS		15.4	0.86	m_e mb	5.2
NEUB	76.26		pP	11:46:09.151						T__					m_e
NRDL	74.97		P	11:45:48.518	0.0	0.8		5.65		TAS		10.3	1.00	m_e mb	4.8
PLN	76.97		P	11:46:00.083	-0.0	0.8		5.65		TAS		5.0	1.10	m_e mb	4.6
PLN	76.97		pP	11:46:13.144						T__					m_e

RGN	72.88	P	11:45:37.109	0.0	0.8	5.65	TAS	60.8	0.99	m_e	mb	5.7
RJOB	79.71	P	11:46:15.441		0.8	5.65	TAS	26.5	1.03	a_e	mb	5.1
RJOB	79.71	pP	11:46:29.082				T__			m_e		
ROTZ	77.69	P	11:46:04.391	-0.3	0.8	5.65	TAS	11.4	1.52	a_e	mb	4.8
RUE	74.95	P	11:45:48.541	-0.6	0.8	5.65	TAS	29.3	1.44	a_e	mb	5.1
STU	78.69	P	11:46:09.541		0.8	5.65	TAS	12.2	0.98	a_e	mb	4.9
TANN	77.03	P	11:46:00.641	0.2	0.8	5.65	TAS	9.0	1.31	a_e	mb	4.7
TNS	77.23	P	11:46:01.688	0.3	0.8	5.65	TAS	8.5	0.93	m_e	mb	4.9
TNS	77.23	pP	11:46:15.488				T__			m_e		
UBR	79.79	P	11:46:15.891		0.8	5.65	TAS	16.5	1.37	a_e	mb	4.8
WERN	77.16	P	11:46:01.441	0.3	0.8	5.65	TAS	10.1	1.07	a_e	mb	4.9
WET	78.30	P	11:46:07.891	-0.2	0.8	5.65	TAS	10.9	1.44	a_e	mb	4.8
WLF	77.74	P	11:46:04.641	-0.1	0.8	5.65	TAS	11.9	1.10	a_e	mb	4.9

Event 50525009 South of Tasmania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/25	17:48:39.58			-51.5000	146.5000				33.0			24		150.06	154.83	m i ke	BGR
	50525015																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	153.15		PKPbc	18:08:33.664		110.8		2.35		TAS					m_e
BRG	150.66		PKPbc	18:08:25.709	-1.2	110.8		2.35		TAS					m_e
BSEG	153.66		PKPbc	18:08:35.876		110.8		2.35		TAS					m_e
BUG	154.83		PKPbc	18:08:35.758		110.8		2.35		TAS					m_e
CLL	151.37		PKPbc	18:08:27.803	1.0	110.8		2.35		TAS					m_e
CLZ	153.09		PKPbc	18:08:31.584		110.8		2.35		TAS					m_e
FLT1	152.72		PKPbc	18:08:31.173	0.5	110.8		2.35		TAS					m_e
FUR	151.27		PKPbc	18:08:29.323	-1.5	110.8		2.35		TAS					m_e
GEC2	150.06		PKPbc	18:08:24.515	-0.9	110.8		2.35		TAS					m_e
GRA1	151.88		PKPbc	18:08:31.175	-1.1	110.8		2.35		TAS					m_e
GTTG	153.25		PKPbc	18:08:35.121		110.8		2.35		TAS					m_e
GUNZ	151.45		PKPbc	18:08:28.206	-1.5	110.8		2.35		TAS					m_e
IBBN	154.77		PKPbc	18:08:33.461		110.8		2.35		TAS					m_e
KAST	154.07		PKPbc	18:08:35.085		110.8		2.35		TAS					m_e
MANZ	151.45		PKPbc	18:08:27.162	0.2	110.8		2.35		TAS					m_e
MOX	151.98		PKPbc	18:08:30.115	0.8	110.8		2.35		TAS					m_e
NEUB	152.06		PKPbc	18:08:31.662	1.5	110.8		2.35		TAS					m_e
RJOB	150.16		PKPbc	18:08:25.818	0.1	110.8		2.35		TAS					m_e
ROTZ	151.31		PKPbc	18:08:26.851	2.6	110.8		2.35		TAS					m_e
TNS	153.75		PKPbc	18:08:34.609		110.8		2.35		TAS					m_e
UBBA	153.00		PKPbc	18:08:33.716	-0.9	110.8		2.35		TAS					m_e
UBR	151.79		PKPbc	18:08:28.133	2.2	110.8		2.35		TAS					m_e
WERN	151.40		PKPbc	18:08:31.180	1.5	110.8		2.35		TAS					m_e

WET 150.68 PKPbc 18:08:26.727 -0.1 110.8 2.35 TAS m_e

Event 50527001 Shikoku, Japan

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/05/27 01:51:25.27 32.2200 132.0700 150.0 28 80.95 85.40 m i ke BGR
50527007

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 50527007

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Lists station data for event 50527001.

Event 50528004 Off east coast of Honshu, Japan

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

OrigID
 2015/05/28 22:13:54.03 36.6800 142.6900 33.0 20 80.83 86.11 m i ke BGR
 50528010

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 50528010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	86.11		P	22:26:31.405		37.0		5.11		TAS		6.0	0.92	m_e	mb 4.7
BSEG	80.83		P	22:26:05.030	-0.1	37.0		5.11		TAS		11.3	1.09	m_e	mb 4.8
CLL	81.91		P	22:26:10.668	0.4	37.0		5.11		TAS		7.4	0.87	m_e	mb 4.8
CLZ	82.49		P	22:26:14.413	-0.2	37.0		5.11		TAS		6.3	0.97	m_e	mb 4.7
FBE	82.07		P	22:26:11.348	-0.0	37.0		5.11		TAS		6.4	0.74	m_e	mb 4.8
FLT1	81.78		P	22:26:09.443	-0.2	37.0		5.11		TAS		5.5	0.72	m_e	mb 4.8
FUR	85.08		P	22:26:27.235		37.0		5.11		TAS		7.4	0.69	m_e	mb 5.0
GEC2	83.55		P	22:26:18.927		37.0		5.11		TAS		2.8	0.92	m_e	mb 4.5
GRA1	83.88		P	22:26:21.459		37.0		5.11		TAS		9.2	0.95	m_e	mb 5.0
GUNZ	82.91		P	22:26:15.675	0.1	37.0		5.11		TAS		2.6	0.83	m_e	mb 4.5
IBBN	83.06		P	22:26:16.743		37.0		5.11		TAS		7.6	0.93	m_e	mb 4.9
MANZ	83.30		P	22:26:17.491		37.0		5.11		TAS		5.0	1.07	m_e	mb 4.7
MILB	84.52		P	22:26:23.898		37.0		5.11		TAS		3.7	0.86	m_e	mb 4.6
MOX	82.97		P	22:26:16.160	-0.8	37.0		5.11		TAS		1.6	0.81	m_e	mb 4.3
NEUB	82.48		P	22:26:13.490	0.4	37.0		5.11		TAS		11.2	1.04	m_e	mb 4.9
RJOB	84.79		P	22:26:25.582		37.0		5.11		TAS		17.0	0.94	m_e	mb 5.3
ROTZ	83.43		P	22:26:18.935		37.0		5.11		TAS		2.3	0.85	m_e	mb 4.4
STU	85.42		P	22:26:28.865		37.0		5.11		TAS		9.6	0.77	m_e	mb 5.1
WERN	82.96		P	22:26:16.462	0.2	37.0		5.11		TAS		4.6	1.03	m_e	mb 4.6
WET	83.65		P	22:26:19.710		37.0		5.11		TAS		2.4	0.93	m_e	mb 4.4

Event 50529007 Alaska Peninsula, United States

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/05/29 07:00:10.03 57.2780 -157.4290 33.0 38 67.85 75.04 m i ke BGR
 50529013

Magnitude Err Nsta Author OrigID
 mb 6.9 BGR 50529013
 MBB 7.0 BGR 50529013
 Ms 5.9 BGR 50529013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	71.79		P	07:11:27.379	0.1	353.6		5.95		TAS		1892.3	1.87	m_e	mb 6.9
ASSE	70.52		P	07:11:19.657	-0.1	353.6		5.95		TAS		1059.2	1.34	m_e	mb 6.8
BFO	74.10		P	07:11:40.641	-0.4	353.6		5.95		TAS		1048.8	1.46	m_e	MBB 7.0
BFO	74.10		L	07:42:04.929						T__		7255.2	21.90	a_e	Ms 5.9
BSEG	68.70		P	07:11:08.740	-0.2	353.6		5.95		TAS		1867.4	1.44	m_e	mb 7.1

BSEJ	68.70	L	07:42:52.786						T__	7187.4	20.50	a_e	Ms	5.9
BUG	70.92	P	07:11:21.903	-0.2	353.6		5.95		TAS	2428.4	1.42	m_e	mb	7.1
CLL	71.49	P	07:11:25.156	-0.4	353.6		5.95		TAS	664.0	1.16	m_e	MBB	7.0
CLL	71.49	L	07:45:57.856						T__	6993.6	21.40	a_e	Ms	5.9
CLZ	70.78	P	07:11:21.632	0.3	353.6		5.95		TAS	1986.1	1.41	m_e	mb	7.0
FBE	71.90	P	07:11:28.228	0.3	353.6		5.95		TAS	1407.4	1.31	m_e	mb	6.9
FLT1	70.36	P	07:11:18.322	-0.5	353.6		5.95		TAS	692.6	1.02	m_e	mb	6.7
FUR	74.51	P	07:11:43.355	-0.2	353.6		5.95		TAS	1508.8	1.38	m_e	mb	6.8
FUR	74.51	L	07:39:24.341						T__	5973.0	20.90	a_e	Ms	5.9
GEC2	73.99	P	07:11:40.399	0.0	353.6		5.95		TAS	892.5	1.42	m_e	MBB	6.9
GEC2	73.99	L	07:45:26.407						T__	4165.2	21.40	a_e	Ms	5.7
GRA1	72.98	P	07:11:34.617	0.2	353.6		5.95		TAS	1497.5	1.53	m_e	mb	6.9
GRA1	72.98	L	07:43:55.218						T__	9644.0	21.20	a_e	Ms	6.1
GTTG	71.05	P	07:11:23.296	0.4	353.6		5.95		TAS	1659.0	1.30	m_e	mb	7.0
GUNZ	72.39	P	07:11:30.993	0.1	353.6		5.95		TAS	468.5	0.96	m_e	mb	6.6
HLG	68.25	P	07:11:06.228	-0.1	353.6		5.95		TAS	2854.4	1.27	m_e	mb	7.4
IBBN	70.10	P	07:11:17.418	0.1	353.6		5.95		TAS	8132.5	2.26	m_e	mb	7.5
KAST	71.26	P	07:11:24.145	-0.0	353.6		5.95		TAS	1089.5	1.34	m_e	mb	6.8
LNIZ	69.38	P	07:11:12.974	0.1	353.6		5.95		TAS	2058.2	1.41	m_e	mb	7.2
MANZ	72.75	P	07:11:32.999	-0.1	353.6		5.95		TAS	495.6	1.20	m_e	mb	6.5
MILB	72.70	P	07:11:32.919	0.2	353.6		5.95		TAS	1275.6	1.23	m_e	mb	6.9
MOX	72.06	P	07:11:29.037	0.1	353.6		5.95		TAS	1645.8	1.45	m_e	MBB	7.1
MOX	72.06	L	07:43:28.949						T__	6453.6	20.90	a_e	Ms	5.9
NEUB	71.53	P	07:11:25.700	-0.1	353.6		5.95		TAS	1480.2	1.19	m_e	mb	7.0
NRDL	70.11	P	07:11:17.231	-0.2	353.6		5.95		TAS	1513.5	1.40	m_e	mb	6.9
PLN	72.26	P	07:11:30.023	-0.1	353.6		5.95		TAS	613.9	1.27	m_e	mb	6.6
RGN	68.28	P	07:11:06.632	0.2	353.6		5.95		TAS	3111.2	1.45	m_e	mb	7.3
RJOB	75.04	P	07:11:46.585	-0.1	353.6		5.95		TAS	4020.0	0.78	m_e	mb	7.5
ROTZ	72.98	P	07:11:34.536	0.1	353.6		5.95		TAS	1062.5	1.38	m_e	mb	6.8
RUE	70.37	P	07:11:18.913	0.1	353.6		5.95		TAS	1982.3	1.28	m_e	mb	7.1
SKMB	67.85	P	07:11:03.858	-0.1	353.6		5.95		TAS	3378.4	1.54	m_e	mb	7.3
STU	73.74	P	07:11:38.750	-0.2	353.6		5.95		TAS	1010.1	1.42	m_e	mb	6.7
TANN	72.35	P	07:11:30.750	0.1	353.6		5.95		TAS	989.4	1.48	m_e	mb	6.7
TNS	72.23	P	07:11:30.023	0.1	353.6		5.95		TAS	1516.9	1.42	m_e	mb	6.9
TNS	72.23	L	07:35:07.592						T__	4733.0	21.60	a_e	Ms	5.7
UBBA	71.77	P	07:11:27.015	-0.2	353.6		5.95		TAS	781.5	1.57	m_e	mb	6.6
UBR	74.90	P	07:11:45.658	-0.2	353.6		5.95		TAS	1579.9	1.85	m_e	mb	6.7
WERD	72.31	P	07:11:30.387	-0.0	353.6		5.95		TAS	2662.8	2.37	m_e	mb	7.0
WERN	72.47	P	07:11:31.665	0.3	353.6		5.95		TAS	1364.5	1.51	m_e	mb	6.9
WET	73.64	P	07:11:38.498	0.2	353.6		5.95		TAS	1081.2	1.55	m_e	MBB	7.0
WET	73.64	L	07:40:23.561						T__	4751.3	20.80	a_e	Ms	5.8
WLF	72.56	P	07:11:32.272	0.5	353.6		5.95		TAS	1754.6	1.55	m_e	mb	7.0

Event 50529008 Andreanof Islands, Aleutian Islands, United States

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

2015/05/29 12:36:03.66
50529014

51.2470 -179.5990

33.0

74.86 80.57 m i ke BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50529014
Ms	4.1		BGR	50529014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.43		P	12:47:59.894		11.7		4.90		TAS		19.9	0.92	m_e	mb 5.2
BFO	80.57		L	13:24:04.044						T__		86.2	20.80	a_e	Ms 4.1
BSEG	74.86		P	12:47:40.002		11.7		4.90		TAS		24.1	0.92	m_e	mb 5.2
CLL	77.27		P	12:47:52.401		11.7		4.90		TAS		6.4	0.88	m_e	mb 4.8
CLL	77.27		L	13:24:17.098						T__		144.7	20.40	a_e	Ms 4.3
CLZ	76.94		P	12:47:51.646		11.7		4.90		TAS		18.1	0.97	m_e	mb 5.2
FLT1	76.39		P	12:47:47.609		11.7		4.90		TAS		15.2	1.05	m_e	mb 5.1
GRA1	79.02		P	12:48:02.723		11.7		4.90		TAS		27.4	1.31	m_e	mb 5.1
GRA1	79.02		L	13:26:09.787						T__		60.8	19.10	a_e	Ms 4.0
GTTG	77.26		P	12:47:53.318		11.7		4.90		TAS		20.1	0.98	m_e	mb 5.2
GUNZ	78.26		P	12:47:58.494		11.7		4.90		TAS		6.8	1.07	m_e	mb 4.7
IBBN	76.63		P	12:47:50.014		11.7		4.90		TAS		30.1	0.75	m_e	mb 5.5
MOX	78.04		P	12:47:57.243		11.7		4.90		TAS		5.4	0.95	m_e	mb 4.7
MOX	78.04		L	13:25:40.160						T__		104.4	19.20	a_e	Ms 4.2
NRDL	76.31		P	12:47:47.775		11.7		4.90		TAS		14.8	1.06	m_e	mb 5.0
WERN	78.33		P	12:47:59.186		11.7		4.90		TAS		10.3	0.90	m_e	mb 5.0

Event 50529003 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/29	13:07:55.39	0.91	0.77	42.7630	14.6430	14.5	12.2	58	10.0				14 322	3.75	7.21	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
ML	4.7		BGR	50529009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	7.11		Pn	13:09:37.309	0.1					T__	3.8			m_e	
DAVA	5.64		Pn	13:09:17.768	0.4					T__	20.8			m_e	
GEC2	6.12		Sn	13:10:29.078	1.1					T__	3.3			m_e	
GEC2	6.12		Pn	13:09:22.802	-1.0					T__	8.0			m_e	ML 4.7
MOA	5.09		Pn	13:09:10.253	0.3					T__	12.2			m_e	
OBER	5.57		Sn	13:10:14.873	-0.4					T__	4.5			m_e	
OBER	5.57		Pn	13:09:16.534	0.1					T__	6.4			m_e	
OBKA	3.75		Pn	13:08:52.452	0.6					T__	15.4			m_e	
PART	5.35		Pn	13:09:14.534	1.1					T__	2.1			m_e	
PLONS	5.69		Pn	13:09:18.559	0.6					T__	9.7			m_e	
RJOB	5.14		Pn	13:09:10.193	-0.4					T__	14.8			m_e	ML 4.7

ROTZ	7.21	Sn	13:10:52.473	-0.9	T__	2.0	m_e	ML	4.7
SLE	6.62	Sn	13:10:38.890	-0.8	T__	4.6	m_e	ML	4.8
UBR	5.87	Pn	13:09:20.227	-0.2	T__	9.1	m_e		
WET	6.50	Pn	13:09:27.270	-1.6	T__	5.6	m_e		
WTTA	4.98	Sn	13:10:02.499	1.1	T__	2.8	m_e		
WTTA	4.98	Pn	13:09:08.347	-0.1	T__	21.1	m_e		

Event 50529009 Eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/29	16:06:46.48			36.2470	139.7350				33.0					82.17	83.07	m i ke	BGR
OrigID																	
50529015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50529015
Ms	3.9		BGR	50529015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	83.07		P	16:19:07.559		41.4		4.32		TAS		11.9	1.27	m_e	mb	5.0
GRA1	83.07		L	16:54:18.840						T__		48.1	20.70	a_e	Ms	3.9
MOX	82.17		L	17:02:09.033						T__		49.3	18.10	a_e	Ms	3.9

Event 50530006 Near west coast of Colombia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/30	06:26:19.83			2.8500	-77.6700				33.0				27	83.84	88.78	m i ke	BGR
OrigID																	
50530012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50530012
Ms	4.7		BGR	50530012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	86.75		P	06:39:00.952	-0.2	271.0		4.83		TAS		34.9	1.38	m_e	mb	5.3
BFO	85.22		P	06:38:52.698	-0.3	271.0		4.83		TAS		21.5	1.23	m_e	mb	5.2
BFO	85.22		L	07:13:40.379						T__		281.6	21.60	a_e	Ms	4.6
BSEG	86.53		L	07:15:05.478						T__		359.5	21.60	a_e	Ms	4.7
BUG	84.63		P	06:38:50.353	-0.0	271.0		4.83		TAS		64.8	1.13	m_e	mb	5.8
CLL	88.22		L	07:20:40.792						T__		208.6	21.90	a_e	Ms	4.5
CLZ	86.57		P	06:38:59.759	0.1	271.0		4.83		TAS		28.6	1.30	m_e	mb	5.2
FLT1	87.09		P	06:39:01.909	0.1	271.0		4.83		TAS		27.1	1.30	m_e	mb	5.2
FUR	87.19		P	06:39:02.890	0.2	271.0		4.83		TAS		46.5	1.16	m_e	mb	5.5
FUR	87.19		L	07:17:41.393						T__		281.4	20.40	a_e	Ms	4.7

GEC2	88.78	L	07:18:49.354							T__	340.3	20.00	a_e	Ms	4.8
GRA1	87.13	P	06:39:02.704	-0.1	271.0			4.83		TAS	54.9	1.76	m_e	mb	5.4
GRA1	87.13	L	07:16:05.229							T__	378.9	21.70	a_e	Ms	4.8
GTTG	86.31	P	06:38:58.681	0.3	271.0			4.83		TAS	22.2	1.10	m_e	mb	5.2
GUNZ	87.83	P	06:39:05.622		271.0			4.83		TAS	39.9	1.81	m_e	mb	5.4
IBBN	84.96	P	06:38:51.956	-0.0	271.0			4.83		TAS	64.0	1.24	m_e	mb	5.7
KAST	85.34	P	06:38:53.485	0.0	271.0			4.83		TAS	31.7	1.18	m_e	mb	5.4
MANZ	87.70	P	06:39:05.357	0.1	271.0			4.83		TAS			m_e		
MILB	85.88	P	06:38:56.502	0.1	271.0			4.83		TAS	37.3	1.04	m_e	mb	5.5
MOX	87.36	P	06:39:03.420	-0.1	271.0			4.83		TAS			m_e		
MOX	87.36	L	07:17:38.097							T__	254.0	20.80	a_e	Ms	4.6
NRDL	86.40	P	06:38:59.147	0.3	271.0			4.83		TAS	34.3	1.38	m_e	mb	5.3
PLN	87.71	P	06:39:05.235	0.0	271.0			4.83		TAS			m_e		
RJOB	88.23	P	06:39:07.626		271.0			4.83		TAS	74.1	1.08	m_e	mb	5.9
ROTZ	87.77	P	06:39:05.750	0.0	271.0			4.83		TAS	58.5	1.77	m_e	mb	5.6
STU	85.80	P	06:38:56.053	0.1	271.0			4.83		TAS	40.0	1.07	m_e	mb	5.5
TANN	87.91	P	06:39:06.251		271.0			4.83		TAS	20.1	1.48	m_e	mb	5.2
TNS	85.34	P	06:38:53.831	-0.0	271.0			4.83		TAS	52.8	1.41	m_e	mb	5.6
TNS	85.34	L	07:19:05.721							T__	215.5	20.70	a_e	Ms	4.5
UBR	86.41	P	06:38:59.297	-0.4	271.0			4.83		TAS	61.9	1.44	m_e	mb	5.5
WERD	87.81	P	06:39:05.690	-0.1	271.0			4.83		TAS			m_e		
WERN	87.86	P	06:39:06.127		271.0			4.83		TAS			m_e		
WET	88.23	P	06:39:07.816		271.0			4.83		TAS	39.0	1.52	m_e	mb	5.5
WET	88.23	L	07:16:26.435							T__	320.1	21.60	a_e	Ms	4.7

Event 50530007 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/30	09:21:59.44			46.0770	149.3520				33.0				27	74.44	80.01	m i ke	BGR
50530013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50530013
Ms	3.9		BGR	50530013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	75.94		P	09:33:41.301	-0.1	28.3		5.58		TAS		40.1	1.35	m_e	mb	5.4
BFO	80.01		P	09:34:03.382		28.3		5.58		TAS		15.0	0.94	m_e	mb	4.9
BFO	80.01		L	10:12:31.855						T__		40.0	21.40	a_e	Ms	3.7
BSEG	74.44		P	09:33:33.080	0.1	28.3		5.58		TAS		35.9	0.89	m_e	mb	5.4
BSEG	74.44		L	10:10:31.458						T__		75.2	21.60	a_e	Ms	3.9
CLL	75.95		P	09:33:41.037	0.1	28.3		5.58		TAS		73.5	1.31	m_e	mb	5.6
CLL	75.95		L	10:11:48.257						T__		78.9	18.60	a_e	Ms	4.0
CLZ	76.28		P	09:33:43.492	-0.1	28.3		5.58		TAS		74.7	1.44	m_e	mb	5.6
FBE	76.18		P	09:33:42.658	0.2	28.3		5.58		TAS		26.1	0.82	m_e	mb	5.4
FLT1	75.59		P	09:33:38.903	0.1	28.3		5.58		TAS		59.5	1.24	m_e	mb	5.6

GEC2	77.87	P	09:33:51.915	-0.6	28.3	5.58	TAS	10.7	0.85	m_e	mb	5.0
GEC2	77.87	L	10:12:57.394				T__	63.4	21.00	a_e	Ms	3.9
GRA1	77.92	P	09:33:52.615		28.3	5.58	TAS	36.9	0.73	m_e	mb	5.6
GRA1	77.92	L	10:11:43.687				T__	56.9	20.30	a_e	Ms	3.9
GTTG	76.66	P	09:33:45.401	-0.2	28.3	5.58	TAS	35.8	1.05	m_e	mb	5.4
GUNZ	76.99	P	09:33:46.944	0.1	28.3	5.58	TAS	21.9	0.94	m_e	mb	5.3
IBBN	76.60	P	09:33:44.940	-0.0	28.3	5.58	TAS	30.5	0.79	m_e	mb	5.5
KAST	77.41	P	09:33:49.582	0.1	28.3	5.58	TAS	14.9	0.90	m_e	mb	5.1
MANZ	77.39	P	09:33:49.225	0.3	28.3	5.58	TAS	12.4	0.85	m_e	mb	5.1
MILB	78.38	P	09:33:54.837		28.3	5.58	TAS	22.6	0.81	m_e	mb	5.3
MOX	76.96	P	09:33:46.744	0.2	28.3	5.58	TAS	14.3	0.95	m_e	mb	5.1
MOX	76.96	L	10:10:52.446				T__	61.7	19.90	a_e	Ms	3.9
NEUB	76.43	P	09:33:43.869	0.0	28.3	5.58	TAS	52.2	1.08	m_e	mb	5.6
NRDL	75.78	P	09:33:40.400	0.4	28.3	5.58	TAS	31.4	1.25	m_e	mb	5.3
PLN	76.93	P	09:33:46.769	-0.1	28.3	5.58	TAS	9.9	0.80	m_e	mb	5.0
RJOB	79.13	P	09:33:59.225		28.3	5.58	TAS	64.2	0.86	m_e	mb	5.7
ROTZ	77.55	P	09:33:50.338	0.2	28.3	5.58	TAS	14.3	0.96	m_e	mb	5.1
RUE	74.70	P	09:33:34.527	0.1	28.3	5.58	TAS	69.8	0.88	m_e	mb	5.7
TANN	76.90	P	09:33:46.566	-0.1	28.3	5.58	TAS	7.8	0.85	m_e	mb	4.9
TNS	78.28	P	09:33:54.311		28.3	5.58	TAS	15.3	0.83	m_e	mb	5.2
TNS	78.28	L	10:12:05.285				T__	75.6	19.80	a_e	Ms	4.0
WERD	76.92	P	09:33:46.738	0.2	28.3	5.58	TAS	11.0	0.76	m_e	mb	5.1
WERN	77.04	P	09:33:47.581	-0.1	28.3	5.58	TAS	18.9	0.71	m_e	mb	5.3
WET	77.88	P	09:33:52.337		28.3	5.58	TAS	25.3	0.92	m_e	mb	5.3
WET	77.88	L	10:12:51.398				T__	64.7	21.60	a_e	Ms	3.9

Event 50530008 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/30	11:23:09.46			29.3750	140.4040				678.0			38		84.84	91.54	m i ke	BGR
50530014																	

Magnitude	Err	Nsta	Author	OrigID
mb	7.3		BGR	50530014
MBB	7.5		BGR	50530014
Ms	7.3		BGR	50530014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	90.37		P	11:34:59.327	0.0	42.5		4.62		TAS		1120.3	1.06	a_e	mb	7.0
ASSE	87.69		P	11:34:46.760	-0.2	42.5		4.62		TAS		1291.3	1.17	m_e	mb	7.1
BFO	91.54		P	11:35:04.477	-0.3	42.5		4.62		TAS		1616.6	0.92	a_e	MBB	7.4
BSEG	86.49		P	11:34:41.377	-0.0	42.5		4.62		TAS		4457.5	0.91	a_e	MBB	7.6
BUG	89.59		P	11:34:55.377	-0.4	42.5		4.62		TAS		1604.7	1.08	a_e	mb	7.2
CLL	87.30		P	11:34:44.877	-0.3	42.5		4.62		TAS		2227.5	0.97	a_e	MBB	7.4
CLZ	88.03		P	11:34:48.696	0.2	42.5		4.62		TAS		3628.6	1.52	m_e	MBB	7.5
FBE	87.42		P	11:34:45.977	0.2	42.5		4.62		TAS		3550.7	1.04	a_e	mb	7.4

FLT1	87.31	P	11:34:44.627	-0.6	42.5	4.62	TAS	2332.1	1.10	a_e	mb	7.2
FUR	90.36	P	11:34:59.527	0.2	42.5	4.62	TAS	3547.6	0.88	a_e	MBB	7.8
GEC2	88.75	P	11:34:51.727	-0.2	42.5	4.62	TAS	1465.6	0.88	a_e	MBB	7.3
GRA1	89.26	P	11:34:54.577	0.4	42.5	4.62	TAS	3429.4	1.21	a_e	MBB	7.6
GRA1	89.26	pP	11:37:15.147				T__				m_e	
GRA1	89.26	PP	11:38:44.859				T__				m_e	
GRA1	89.26	L	12:23:58.720				T__	133379.0	19.10	a_e	Ms	7.4
GTTG	88.42	P	11:34:50.377	0.1	42.5	4.62	TAS	1312.6	0.90	a_e	mb	7.3
GUNZ	88.28	P	11:34:49.872	0.2	42.5	4.62	TAS	1704.5	0.95	m_e	mb	7.4
HLG	87.24	P	11:34:44.877	0.0	42.5	4.62	TAS	3723.4	1.23	a_e	mb	7.4
IBBN	88.73	P	11:34:51.789	0.0	42.5	4.62	TAS	4326.7	0.91	m_e	mb	7.7
KAST	89.31	P	11:34:54.427	-0.0	42.5	4.62	TAS	1023.9	0.92	a_e	mb	7.0
LNIZ	85.22	P	11:34:35.577	0.0	42.5	4.62	TAS	3350.9	1.00	a_e	mb	7.5
MANZ	88.65	P	11:34:51.527	0.1	42.5	4.62	TAS	1273.5	1.07	a_e	mb	7.1
MILB	89.99	P	11:34:57.527	-0.1	42.5	4.62	TAS	7500.4	2.22	a_e	mb	7.5
MOX	88.38	P	11:34:50.128	-0.1	42.5	4.62	TAS	1215.0	0.99	m_e	MBB	7.4
MOX	88.38	L	12:22:56.000				T__	111331.0	19.10	a_e	Ms	7.3
NEUB	87.91	P	11:34:47.962	-0.1	42.5	4.62	TAS	2639.2	1.01	m_e	mb	7.5
NRDL	87.65	P	11:34:46.677	-0.1	42.5	4.62	TAS	1151.6	1.01	a_e	mb	7.2
PLN	88.26	P	11:34:49.630	0.0	42.5	4.62	TAS	1152.6	1.04	m_e	mb	7.1
RGN	84.84	P	11:34:33.627	-0.2	42.5	4.62	TAS	2289.3	1.01	a_e	mb	7.4
RJOB	89.97	P	11:34:57.627	0.1	42.5	4.62	TAS	8117.4	0.90	a_e	mb	8.0
ROTZ	88.77	P	11:34:52.258	0.3	42.5	4.62	TAS	2713.3	1.32	m_e	mb	7.3
RUE	86.13	P	11:34:39.677	-0.1	42.5	4.62	TAS	2066.2	1.04	a_e	mb	7.2
SKMB	86.25	P	11:34:40.844	0.6	42.5	4.62	TAS	9372.0	0.96	m_e	MBB	8.0
STU	90.83	P	11:35:01.427	-0.1	42.5	4.62	TAS	2275.5	1.05	a_e	mb	7.4
TANN	88.18	P	11:34:49.181	-0.1	42.5	4.62	TAS	1060.9	1.10	m_e	mb	7.1
TNS	90.05	P	11:34:57.935	0.1	42.5	4.62	TAS	1013.5	0.90	m_e	mb	7.1
UBBA	88.95	P	11:34:52.516	-0.2	42.5	4.62	TAS	2135.4	1.68	m_e	mb	7.1
UBR	91.25	P	11:35:03.027	-0.4	42.5	4.62	TAS	885.1	0.99	a_e	mb	7.1
WERD	88.23	P	11:34:49.453	-0.0	42.5	4.62	TAS	1442.4	1.11	m_e	mb	7.2
WERN	88.31	P	11:34:50.113	0.2	42.5	4.62	TAS	2639.5	1.19	m_e	mb	7.4
WET	88.92	P	11:34:52.745	0.1	42.5	4.62	TAS	1103.4	1.25	m_e	MBB	7.3
WLF	91.42	P	11:35:04.577	0.4	42.5	4.62	TAS	2580.5	1.17	a_e	mb	7.4

Event 50530009 Hindu Kush, Afghanistan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/30	16:44:17.65			35.3840	70.8560				235.0			18		43.60	48.31	m i ke	BGR
50530015																	

Magnitude Err Nsta Author
mb 4.8 BGR

OrigID
50530015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BSEG	45.37		P	16:52:11.049		85.1		7.86		TAS		27.2	0.91	m_e	mb	5.2

CLL	43.81	P	16:51:58.554	-0.2	85.1	7.86	TAS	9.3	0.79	m_e	mb	4.6
CLZ	45.42	P	16:52:11.769		85.1	7.86	TAS	14.9	0.93	m_e	mb	4.9
FBE	43.60	P	16:51:57.564	0.0	85.1	7.86	TAS	18.0	0.80	m_e	mb	4.9
FLT1	44.87	P	16:52:06.713	-0.1	85.1	7.86	TAS	31.2	0.81	m_e	mb	5.3
GTTG	45.70	P	16:52:13.883		85.1	7.86	TAS	31.1	0.99	m_e	mb	5.3
GUNZ	44.28	P	16:52:02.992	0.7	85.1	7.86	TAS	7.6	0.79	m_e	mb	4.5
MANZ	44.45	P	16:52:04.733	-0.4	85.1	7.86	TAS	8.7	1.03	m_e	mb	4.4
MILB	46.27	P	16:52:18.557		85.1	7.86	TAS	9.8	0.77	m_e	mb	4.9
MOX	44.72	P	16:52:06.277	-0.1	85.1	7.86	TAS	15.2	1.34	m_e	mb	4.8
NRDL	45.55	P	16:52:12.588		85.1	7.86	TAS	12.7	0.96	m_e	mb	4.9
PLN	44.38	P	16:52:03.572	0.1	85.1	7.86	TAS	8.0	1.10	m_e	mb	4.4
RJOB	44.18	P	16:52:02.355	-0.1	85.1	7.86	TAS	41.0	0.94	m_e	mb	5.1
ROTZ	44.40	P	16:52:04.221	-0.0	85.1	7.86	TAS	9.1	1.16	m_e	mb	4.4
TANN	44.19	P	16:52:02.036	0.4	85.1	7.86	TAS	5.1	0.84	m_e	mb	4.3
UBBA	45.73	P	16:52:13.918		85.1	7.86	TAS	19.3	1.65	m_e	mb	4.9
UBR	45.99	P	16:52:16.307		85.1	7.86	TAS	11.7	0.76	m_e	mb	5.0
WLF	48.31	P	16:52:34.612		85.1	7.86	TAS	23.7	1.04	m_e	mb	5.3

Event 50530010 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/30	17:18:38.89			-15.9100	-173.0110				33.0			25		144.05	148.22	m i ke	BGR
50530016																	

Magnitude Err Nsta Author
Ms 5.3 BGR

OrigID
50530016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	145.46		PKPbc	17:38:12.333	-0.4	7.3		3.06		TAS				m_e	
BFO	147.65		PKPbc	17:38:18.856		7.3		3.06		TAS				m_e	
BUG	144.56		PKPbc	17:38:09.276	-0.1	7.3		3.06		TAS				m_e	
CLL	144.36		PKPbc	17:38:08.336	-0.1	7.3		3.06		TAS				m_e	
CLZ	144.05		PKPbc	17:38:07.967	0.4	7.3		3.06		TAS				m_e	
FBE	144.70		PKPbc	17:38:09.963	0.0	7.3		3.06		TAS				m_e	
FUR	147.64		PKPbc	17:38:18.725		7.3		3.06		TAS				m_e	
GRA1	146.13		PKPbc	17:38:14.871		7.3		3.06		TAS				m_e	
GRA1	146.13		L	18:46:57.426						T__		490.7	21.90	a_e Ms	5.2
GTTG	144.37		PKPbc	17:38:08.799	0.0	7.3		3.06		TAS				m_e	
GUNZ	145.36		PKPbc	17:38:11.828	-0.1	7.3		3.06		TAS				m_e	
KAST	144.78		PKPbc	17:38:09.879	0.2	7.3		3.06		TAS				m_e	
MANZ	145.76		PKPbc	17:38:13.034		7.3		3.06		TAS				m_e	
MILB	146.12		PKPbc	17:38:14.563		7.3		3.06		TAS				m_e	
MOX	145.15		PKPbc	17:38:11.043	0.7	7.3		3.06		TAS				m_e	
NEUB	144.59		PKPbc	17:38:09.374	0.2	7.3		3.06		TAS				m_e	
PLN	145.26		PKPbc	17:38:11.337	0.4	7.3		3.06		TAS				m_e	
PLN	145.26		L	18:40:30.189						T__		613.9	21.50	a_e Ms	5.3

RJOB	147.90	PKPbc	17:38:19.252	7.3	3.06	TAS	m_e	
ROTZ	145.97	PKPbc	17:38:14.030	7.3	3.06	TAS	m_e	
TANN	145.30	PKPbc	17:38:11.548	-0.1	7.3	3.06	TAS	m_e
TNS	145.76	PKPbc	17:38:13.343	7.3	3.06	TAS	m_e	
UBBA	145.09	PKPbc	17:38:10.580	0.4	7.3	3.06	TAS	m_e
UBR	148.22	PKPbc	17:38:20.174	7.3	3.06	TAS	m_e	
WERD	145.28	PKPbc	17:38:11.997	0.3	7.3	3.06	TAS	m_e
WERN	145.44	PKPbc	17:38:12.277	-0.4	7.3	3.06	TAS	m_e
WLF	146.33	PKPbc	17:38:15.502	7.3	3.06	TAS	m_e	

Event 50530011 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/30	18:49:14.65			31.2220	142.6510				33.0			36		84.53	90.88	m i ke	BGR
OrigID 50530017																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.4		BGR	50530017
MBB	6.7		BGR	50530017
Ms	6.1		BGR	50530017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	89.61		P	19:02:07.750	-0.1	39.9		4.73		TAS		179.5	1.28	m_e	mb 6.1
ASSE	86.97		P	19:01:55.230	0.3	39.9		4.73		TAS		311.7	1.32	m_e	MBB 6.7
BFO	90.88		P	19:02:13.431		39.9		4.73		TAS		334.3	1.12	m_e	MBB 6.7
BFO	90.88		L	19:48:40.097						T__		8281.4	18.20	a_e	Ms 6.2
BSEG	85.71		P	19:01:49.067	-0.5	39.9		4.73		TAS		477.6	1.26	m_e	mb 6.5
BSEG	85.71		L	19:43:21.866						T__		7344.6	19.20	a_e	Ms 6.1
BUG	88.82		P	19:02:03.686	-0.1	39.9		4.73		TAS		267.6	1.16	m_e	mb 6.4
CLL	86.65		P	19:01:53.321	-0.1	39.9		4.73		TAS		388.5	1.34	m_e	MBB 6.6
CLL	86.65		L	19:40:40.344						T__		6598.6	20.90	a_e	Ms 6.0
CLZ	87.31		P	19:01:57.079	-0.1	39.9		4.73		TAS		473.5	1.32	m_e	MBB 6.7
FBE	86.80		P	19:01:54.586	0.1	39.9		4.73		TAS		430.1	1.34	m_e	MBB 6.7
FLT1	86.59		P	19:01:52.879	0.2	39.9		4.73		TAS		470.9	1.30	a_e	MBB 6.7
FUR	89.77		P	19:02:08.518	-0.3	39.9		4.73		TAS		436.9	1.23	m_e	MBB 6.8
FUR	89.77		L	19:45:11.343						T__		5599.0	22.00	a_e	Ms 5.9
GEC2	88.20		P	19:02:00.817	0.1	39.9		4.73		TAS		111.4	1.26	m_e	MBB 6.6
GEC2	88.20		L	19:44:55.146						T__		6808.2	20.60	a_e	Ms 6.0
GRA1	88.62		P	19:02:03.317	-0.1	39.9		4.73		TAS		521.8	1.51	m_e	mb 6.5
GRA1	88.62		L	19:45:35.012						T__		6933.2	21.30	a_e	Ms 6.0
GTTG	87.70		P	19:01:58.791	-0.0	39.9		4.73		TAS		314.9	1.19	m_e	mb 6.5
GUNZ	87.64		P	19:01:58.521	0.2	39.9		4.73		TAS		202.0	1.29	m_e	mb 6.3
IBBN	87.95		P	19:01:59.765	0.3	39.9		4.73		TAS		591.1	1.23	m_e	mb 6.8
KAST	88.57		P	19:02:02.846	-0.2	39.9		4.73		TAS		192.7	1.17	m_e	mb 6.2
LNIZ	84.53		P	19:01:43.595	0.3	39.9		4.73		TAS		1088.4	1.35	m_e	mb 6.9
LNIZ	84.53		L	19:44:01.556						T__		9510.3	19.10	a_e	Ms 6.2

MANZ	88.02	P	19:02:00.277	-0.2	39.9	4.73	TAS	148.3	1.40	m_e	mb	6.1
MILB	89.31	P	19:02:06.198	0.2	39.9	4.73	TAS	140.7	1.17	m_e	mb	6.1
MOX	87.73	P	19:01:58.744	0.1	39.9	4.73	TAS	199.4	1.36	m_e	MBB	6.8
MOX	87.73	L	19:41:23.544				T__	6336.2	20.00	a_e	Ms	6.0
NEUB	87.24	P	19:01:56.466	-0.1	39.9	4.73	TAS	454.2	1.23	m_e	MBB	6.7
NRDL	86.91	P	19:01:54.834	-0.0	39.9	4.73	TAS	248.8	1.34	m_e	MBB	6.6
PLN	87.62	P	19:01:58.174	0.1	39.9	4.73	TAS	183.9	1.48	m_e	MBB	6.8
RJOB	89.43	P	19:02:07.057	0.1	39.9	4.73	TAS	969.8	1.02	m_e	mb	7.0
ROTZ	88.15	P	19:02:01.056	-0.2	39.9	4.73	TAS	378.8	1.58	m_e	mb	6.5
RUE	85.46	P	19:01:48.092	-0.1	39.9	4.73	TAS	677.1	1.35	m_e	mb	6.7
SKMB	85.43	P	19:01:48.150	0.1	39.9	4.73	TAS	934.7	1.31	m_e	mb	6.9
STU	90.18	P	19:02:10.308	0.3	39.9	4.73	TAS	316.9	1.25	m_e	mb	6.4
TANN	87.55	P	19:01:57.872	-0.1	39.9	4.73	TAS	1133.2	3.07	m_e	MBB	6.8
TNS	89.33	P	19:02:06.286	0.1	39.9	4.73	TAS	150.8	1.33	m_e	MBB	6.6
TNS	89.33	L	19:46:20.138				T__	8071.8	19.20	a_e	Ms	6.2
UBBA	88.25	P	19:02:01.026	0.1	39.9	4.73	TAS	155.9	1.48	m_e	mb	6.1
UBR	90.64	P	19:02:12.260	-0.2	39.9	4.73	TAS	177.1	1.27	m_e	mb	6.2
WERD	87.59	P	19:01:58.058	0.1	39.9	4.73	TAS	1676.4	3.23	m_e	mb	6.8
WERN	87.68	P	19:01:58.708	-0.0	39.9	4.73	TAS	226.6	1.31	m_e	mb	6.3
WET	88.33	P	19:02:01.752	0.3	39.9	4.73	TAS	163.4	1.62	m_e	MBB	6.7
WET	88.33	L	19:50:50.510				T__	12180.9	18.20	a_e	Ms	6.4
WLF	90.67	P	19:02:13.023		39.9	4.73	TAS	369.5	1.43	m_e	MBB	6.8

Event 50530012 Tajikistan-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/30	20:36:01.91			37.0210	74.0230				33.0			34		43.85	49.34	m i ke	BGR
50530018																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	50530018
Ms	4.4		BGR	50530018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	48.58		P	20:44:40.817		81.1		7.88		TAS		63.1	0.93	m_e	mb 5.6
ASSE	46.10		P	20:44:20.460	-0.5	81.1		7.88		TAS				m_e	
BFO	48.21		P	20:44:37.606		81.1		7.88		TAS		47.6	1.21	m_e	mb 5.5
BSEG	46.12		P	20:44:21.276	1.0	81.1		7.88		TAS		134.7	0.74	m_e	mb 6.1
BUG	48.30		P	20:44:38.063		81.1		7.88		TAS		96.5	1.13	m_e	mb 5.8
CLL	44.76		P	20:44:09.972	-0.6	81.1		7.88		TAS		72.8	0.85	m_e	mb 5.6
CLZ	46.32		P	20:44:22.690	-0.1	81.1		7.88		TAS		141.3	1.52	m_e	mb 5.8
FBE	44.58		P	20:44:09.357	0.1	81.1		7.88		TAS		123.5	0.86	m_e	mb 5.9
FLT1	45.74		P	20:44:17.551	-0.5	81.1		7.88		TAS		170.2	0.81	m_e	mb 6.1
FUR	46.31		P	20:44:23.608	0.7	81.1		7.88		TAS		139.6	1.04	m_e	mb 5.9
GEC2	44.61		P	20:44:09.719	0.2	81.1		7.88		TAS		82.9	1.28	m_e	mb 5.5
GRA1	46.09		P	20:44:22.035	0.7	81.1		7.88		TAS		135.4	1.11	m_e	mb 5.9

GRA1	46.09	L	21:09:10.466						T__	375.6	18.90	a_e	Ms	4.4
GTTG	46.62	P	20:44:25.323	-0.4	81.1	7.88			TAS	195.0	0.92	m_e	mb	6.2
GUNZ	45.29	P	20:44:14.902	-0.0	81.1	7.88			TAS	52.5	1.04	m_e	mb	5.4
IBBN	47.86	P	20:44:34.609	-0.0	81.1	7.88			TAS	228.6	1.48	m_e	mb	6.1
LNIZ	43.85	P	20:44:02.368	-0.3	81.1	7.88			TAS	181.1	0.84	m_e	mb	5.8
MANZ	45.48	P	20:44:16.634	0.1	81.1	7.88			TAS	42.0	1.12	m_e	mb	5.3
MILB	47.31	P	20:44:30.703	-0.2	81.1	7.88			TAS	51.7	0.91	m_e	mb	5.7
MOX	45.71	P	20:44:18.066	-0.1	81.1	7.88			TAS	53.4	0.98	m_e	mb	5.5
NEUB	45.54	P	20:44:16.512	-0.3	81.1	7.88			TAS	98.7	0.85	m_e	mb	5.9
NRDL	46.40	P	20:44:23.636	0.5	81.1	7.88			TAS	137.4	0.95	m_e	mb	6.0
PLN	45.38	P	20:44:15.416	-0.2	81.1	7.88			TAS	35.4	1.00	m_e	mb	5.3
RGN	44.32	P	20:44:06.720	0.9	81.1	7.88			TAS	391.0	1.05	m_e	mb	6.1
RJOB	45.38	P	20:44:15.575	0.2	81.1	7.88			TAS	169.9	1.42	m_e	mb	5.8
ROTZ	45.45	P	20:44:16.470	0.2	81.1	7.88			TAS	75.8	1.31	m_e	mb	5.5
RUE	44.17	P	20:44:04.993	-0.7	81.1	7.88			TAS	118.2	1.24	m_e	mb	5.5
TANN	45.20	P	20:44:14.051	-0.2	81.1	7.88			TAS	48.3	1.12	m_e	mb	5.3
TNS	47.77	P	20:44:34.303	0.1	81.1	7.88			TAS	26.0	0.91	m_e	mb	5.4
UBBA	46.70	P	20:44:25.528	0.2	81.1	7.88			TAS			m_e		
UBR	47.18	P	20:44:29.833	-0.1	81.1	7.88			TAS	173.1	1.46	m_e	mb	6.0
WERD	45.30	P	20:44:14.823	-0.2	81.1	7.88			TAS	48.0	0.97	m_e	mb	5.4
WERN	45.27	P	20:44:14.737	-0.1	81.1	7.88			TAS	77.1	1.69	m_e	mb	5.4
WET	45.11	P	20:44:13.593	0.1	81.1	7.88			TAS	66.8	1.22	m_e	mb	5.4
WLF	49.34	P	20:44:46.781		81.1	7.88			TAS	93.2	0.87	m_e	mb	5.8

Event 50530013 Southern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/05/30	20:57:15.61			-4.6540	105.0090				33.0					94.33	95.97	m i ke	BGR
50530019																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50530019
Ms	4.7		BGR	50530019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	94.33		P	21:10:32.124		112.9		3.48		TAS		21.0	1.77	m_e	mb 5.2
GRA1	95.97		P	21:10:39.657		112.9		3.48		TAS		6.0	0.81	m_e	mb 5.2
GRA1	95.97		L	21:50:59.649						T__	254.9	19.40	a_e	Ms	4.7
WET	94.88		P	21:10:34.588		112.9		3.48		TAS		18.8	1.81	m_e	mb 5.2

Event 50531002 Bonin Islands, Japan, region

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

2015/05/31 08:46:18.49 28.3910 139.1850 427.0 87.72 91.85 m i ke BGR
50531008

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 50531008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	91.85		P	08:58:38.937		50.3		4.17		TAS		10.3	0.98	m_e	mb 5.1
FBE	87.72		P	08:58:19.735		50.3		4.17		TAS		7.2	0.75	m_e	mb 5.1
GEC2	89.01		P	08:58:25.610		50.3		4.17		TAS		2.9	0.75	m_e	mb 4.6
GRA1	89.56		P	08:58:27.731		50.3		4.17		TAS		7.0	0.86	m_e	mb 4.9

Event 50531003 Rat Islands, Aleutian Islands, United States

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/05/31 18:07:50.77 51.3650 178.7940 33.0 74.63 80.35 m i ke BGR
50531009

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 50531009
Ms 4.0 BGR 50531009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	80.35		L	18:52:44.117						T__		58.5	19.40	a_e	Ms 3.9
BSEG	74.63		P	18:19:25.213		12.2		4.81		TAS		25.4	1.03	m_e	mb 5.2
BSEG	74.63		L	18:56:01.875						T__		60.0	21.80	a_e	Ms 3.8
CLL	77.00		L	18:51:15.025						T__		75.2	18.70	a_e	Ms 4.0
CLZ	76.70		P	18:19:36.331		12.2		4.81		TAS		17.2	1.11	m_e	mb 5.1
FUR	80.28		L	18:59:50.662						T__		52.3	19.80	a_e	Ms 3.9
GEC2	79.36		P	18:19:51.299		12.2		4.81		TAS		3.5	0.64	m_e	mb 4.5
GEC2	79.36		L	18:58:54.193						T__		114.2	21.20	a_e	Ms 4.2
GRA1	78.77		P	18:19:48.441		12.2		4.81		TAS		9.4	0.73	m_e	mb 4.9
GRA1	78.77		L	18:57:40.562						T__		94.6	18.60	a_e	Ms 4.2
LNIZ	74.72		L	18:49:12.979						T__		95.8	21.50	a_e	Ms 4.1
MILB	78.79		P	18:19:48.297		12.2		4.81		TAS		8.6	0.69	m_e	mb 4.9
MOX	77.79		L	19:00:00.461						T__		79.3	18.40	a_e	Ms 4.1
TNS	78.46		P	18:19:46.629		12.2		4.81		TAS		11.5	0.75	m_e	mb 5.1
TNS	78.46		L	18:49:20.227						T__		85.3	21.40	a_e	Ms 4.0
WERN	78.07		P	18:19:44.364		12.2		4.81		TAS		11.6	1.10	m_e	mb 4.9
WET	79.15		L	18:48:38.945						T__		69.5	19.30	a_e	Ms 4.0