

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

(produced by SZO/BGR - HANNOVER)

October 2014 UPDATED 7.April.2017

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

Event 41001001 Sichuan, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/01	01:23:39.36			28.1270	101.4050				33.0			22		67.20	72.31	m i ke	BGR
OrigID 41001007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	41001007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	71.43		P	01:34:54.799		70.8		6.21		TAS		18.0	1.05	m_e mb	5.1
ASSE	68.76		P	01:34:39.270	0.4	70.8		6.21		TAS		6.4	0.98	m_e mb	4.8
BFO	71.48		P	01:34:54.969		70.8		6.21		TAS				m_e	
BRG	67.20		P	01:34:29.038	-0.9	70.8		6.21		TAS				m_e	
BSEG	68.39		P	01:34:36.141	0.3	70.8		6.21		TAS		18.1	0.94	m_e mb	5.3
BUG	70.98		P	01:34:52.013		70.8		6.21		TAS		9.2	0.78	m_e mb	5.0
CLL	67.63		P	01:34:31.856	0.5	70.8		6.21		TAS		8.5	1.08	m_e mb	4.9
CLZ	69.03		P	01:34:40.482		70.8		6.21		TAS		9.9	0.83	m_e mb	5.1
FBE	67.54		P	01:34:31.236	-0.9	70.8		6.21		TAS				m_e	
FLT1	68.37		P	01:34:36.296		70.8		6.21		TAS		7.9	0.91	m_e mb	4.9
FUR	69.70		P	01:34:44.704	-0.5	70.8		6.21		TAS				m_e	
GEC2	67.95		P	01:34:34.000	0.2	70.8		6.21		TAS				m_e	
GRA1	69.22		P	01:34:41.905	-0.1	70.8		6.21		TAS				m_e	
GTTG	69.36		P	01:34:42.594	-0.6	70.8		6.21		TAS				m_e	
GUNZ	68.33		P	01:34:36.031	0.5	70.8		6.21		TAS		6.4	0.88	m_e mb	4.9
IBBN	70.39		P	01:34:48.495	-0.6	70.8		6.21		TAS		11.1	0.85	m_e mb	5.0
KAST	70.39		P	01:34:48.876		70.8		6.21		TAS				m_e	
MANZ	68.58		P	01:34:37.631	0.2	70.8		6.21		TAS				m_e	
MOX	68.67		P	01:34:38.172	1.4	70.8		6.21		TAS				m_e	
NEUB	68.41		P	01:34:36.430	0.2	70.8		6.21		TAS		13.1	0.90	m_e mb	5.2
NRDL	68.97		P	01:34:40.161		70.8		6.21		TAS		13.9	0.87	m_e mb	5.2

./2014/bull1410.txt

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ROTZ	68.59	P	01:34:37.733	0.4	70.8	6.21	TAS	9.1	0.85	m_e mb	5.0
TANN	68.23	P	01:34:35.537	0.2	70.8	6.21	TAS	8.7	0.90	m_e mb	5.0
TNS	70.72	P	01:34:50.627	-0.6	70.8	6.21	TAS			m_e	
UBBA	69.59	P	01:34:44.100	-0.6	70.8	6.21	TAS	2.7	0.82	m_e mb	4.4
UBR	70.60	P	01:34:49.919		70.8	6.21	TAS			m_e	
WERN	68.32	P	01:34:36.251	-0.2	70.8	6.21	TAS			m_e	
WET	68.37	P	01:34:36.690	0.1	70.8	6.21	TAS			m_e	
WLF	72.31	P	01:35:00.348		70.8	6.21	TAS	20.4	0.83	m_e mb	5.3

bohne

Event 41001003 Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/01	02:42:07.10			53.5070	156.6350				33.0					73.11	73.11	m i ke	BGR
41001009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	41001009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	73.11		P	02:53:32.537		24.7		5.44		TAS		4.1	0.91	m_e mb	4.6

Event 41001002 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/01	02:44:47.58			64.8530	-18.1380				5.0					21.66	21.66	m i ke	BGR
41001008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	41001008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.66		P	02:49:38.680		324.3		10.64		TAS		31.1	1.46	m_e mb	4.5

Event 41001011 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/01	18:00:01.68			64.8920	-16.0380				10.0				22	18.08	22.53	m i ke	BGR
41001017																	

Magnitude Err Nsta Author OrigID  
 mb 4.1 BGR 41001017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	18.78		P	18:04:17.563	-0.8	326.9		10.79		TAS		28.3	1.16	m_e mb	4.4
ASSE	18.73		P	18:04:17.057	-0.6	326.9		10.79		TAS				m_e	
BFO	21.10		P	18:04:41.615	0.1	326.9		10.79		TAS		10.7	0.94	m_e mb	4.2
BRG	20.95		P	18:04:40.976	0.1	326.9		10.79		TAS		11.7	0.97	m_e mb	4.2
BUG	18.08		P	18:04:10.227	0.8	326.9		10.79		TAS				m_e	
CLL	20.25		P	18:04:33.037	0.2	326.9		10.79		TAS		32.7	1.37	m_e mb	4.4
CLZ	18.85		P	18:04:18.134	0.4	326.9		10.79		TAS		14.4	1.01	m_e mb	4.2
FBE	20.69		P	18:04:38.424	0.0	326.9		10.79		TAS		17.2	1.08	m_e mb	4.3
FLT1	18.77		P	18:04:16.604	0.5	326.9		10.79		TAS		13.5	1.05	m_e mb	4.1
GEC2	22.53		P	18:04:58.140		326.9		10.79		TAS		5.7	0.96	m_e mb	4.1
GRA1	20.92		P	18:04:41.189	0.7	326.9		10.79		TAS		9.9	0.94	m_e mb	4.1
GUNZ	20.77		P	18:04:39.380	-0.0	326.9		10.79		TAS				m_e	
KAST	18.68		P	18:04:16.323	0.4	326.9		10.79		TAS		8.4	1.01	m_e mb	3.9
MANZ	21.00		P	18:04:41.675	-0.5	326.9		10.79		TAS		5.4	1.10	m_e mb	3.8
MOX	20.28		P	18:04:33.942	0.8	326.9		10.79		TAS		11.0	1.05	m_e mb	4.0
NEUB	19.88		P	18:04:29.588	0.8	326.9		10.79		TAS				m_e	
NRDL	18.22		P	18:04:11.434	0.8	326.9		10.79		TAS				m_e	
ROTZ	21.22		P	18:04:44.155	0.5	326.9		10.79		TAS		3.8	0.93	m_e mb	3.7
TANN	20.77		P	18:04:39.167	-0.4	326.9		10.79		TAS				m_e	
TNS	19.51		P	18:04:25.933	0.4	326.9		10.79		TAS				m_e	
UBBA	19.55		P	18:04:26.608	-0.5	326.9		10.79		TAS				m_e	
UBR	22.26		P	18:04:55.238		326.9		10.79		TAS		6.5	0.90	m_e mb	4.1
WERN	20.85		P	18:04:39.593	-0.8	326.9		10.79		TAS				m_e	
WET	21.98		P	18:04:52.952	-1.0	326.9		10.79		TAS		6.3	0.98	m_e mb	4.0

Event 41001012 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/01	19:19:57.87			29.0460	-41.3210				10.0			22		41.26	46.39	m i ke	BGR

Magnitude Err Nsta Author OrigID  
 mb 4.8 BGR 41001018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	42.02		P	19:27:49.280	0.4	262.5		8.00		TAS				m_e	
ASSE	44.55		P	19:28:09.965	-0.0	262.5		8.00		TAS				m_e	
BFO	42.43		P	19:27:52.686	-0.4	262.5		8.00		TAS				m_e	
BRG	46.39		P	19:28:24.455		262.5		8.00		TAS				m_e	
BSEG	44.70		P	19:28:10.504	0.0	262.5		8.00		TAS				m_e	
BUG	42.34		P	19:27:51.779	0.7	262.5		8.00		TAS				m_e	
CLL	45.85		P	19:28:20.007		262.5		8.00		TAS		14.9	0.84	m_e mb	5.1

CLZ	44.31	P	19:28:08.145	-0.0	262.5	8.00	TAS	23.2	0.90	m_e	mb	4.9
FBE	46.02	P	19:28:21.557		262.5	8.00	TAS	19.6	0.88	m_e	mb	5.1
FLT1	44.92	P	19:28:12.526	0.1	262.5	8.00	TAS	9.5	0.88	m_e	mb	4.7
GEC2	46.04	P	19:28:22.227		262.5	8.00	TAS			m_e		
GRA1	44.51	P	19:28:10.100	-0.2	262.5	8.00	TAS			m_e		
GTTG	44.01	P	19:28:05.112	0.3	262.5	8.00	TAS	12.6	0.93	m_e	mb	4.6
GUNZ	45.31	P	19:28:15.963	-0.3	262.5	8.00	TAS	7.7	0.93	m_e	mb	4.6
IBBN	42.83	P	19:27:55.487	0.7	262.5	8.00	TAS	31.3	0.90	m_e	mb	5.0
KAST	42.99	P	19:27:57.061	-0.4	262.5	8.00	TAS			m_e		
MANZ	45.12	P	19:28:14.683	0.4	262.5	8.00	TAS	12.1	0.95	m_e	mb	4.8
MOX	44.89	P	19:28:12.795	-0.1	262.5	8.00	TAS	7.1	0.86	m_e	mb	4.6
NRDL	44.27	P	19:28:07.337	-0.5	262.5	8.00	TAS	34.2	0.93	m_e	mb	5.1
ROTZ	45.15	P	19:28:14.952	-0.4	262.5	8.00	TAS			m_e		
TANN	45.39	P	19:28:16.772	-0.3	262.5	8.00	TAS	11.0	0.83	m_e	mb	4.8
TNS	42.82	P	19:27:56.035	-0.4	262.5	8.00	TAS			m_e		
UBBA	43.90	P	19:28:04.620	-0.4	262.5	8.00	TAS			m_e		
UBR	43.53	P	19:28:01.305	-0.4	262.5	8.00	TAS			m_e		
WERN	45.32	P	19:28:16.435	0.5	262.5	8.00	TAS			m_e		
WET	45.52	P	19:28:18.254		262.5	8.00	TAS			m_e		
WLF	41.26	P	19:27:43.104	-1.1	262.5	8.00	TAS	14.1	1.03	m_e	mb	4.6

Event 41002001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/02	00:13:37.90			-21.2300	-173.0900				33.0			17		147.25	152.94	m i ke	BGR
	41002007																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.02		PKPbc	00:33:27.429	0.2	8.4		2.44		TAS				m_e	
BFO	152.94		PKPbc	00:33:37.177		8.4		2.44		TAS				m_e	
BRG	149.90		PKPbc	00:33:29.680		8.4		2.44		TAS				m_e	
BSEG	147.25		PKPbc	00:33:23.219		8.4		2.44		TAS				m_e	
BUG	149.85		PKPbc	00:33:29.778	-0.0	8.4		2.44		TAS				m_e	
CLL	149.60		PKPbc	00:33:28.995	-0.1	8.4		2.44		TAS				m_e	
CLZ	149.33		PKPbc	00:33:28.016	-0.3	8.4		2.44		TAS				m_e	
FBE	149.94		PKPbc	00:33:30.170	-0.3	8.4		2.44		TAS				m_e	
FLT1	148.78		PKPbc	00:33:26.841	-0.1	8.4		2.44		TAS				m_e	
GEC2	151.91		PKPbc	00:33:34.477		8.4		2.44		TAS				m_e	
GRA1	151.39		PKPbc	00:33:33.204		8.4		2.44		TAS				m_e	
GUNZ	150.61		PKPbc	00:33:31.834	0.2	8.4		2.44		TAS				m_e	
KAST	150.06		PKPbc	00:33:30.086	0.2	8.4		2.44		TAS				m_e	
MANZ	151.01		PKPbc	00:33:32.421	0.3	8.4		2.44		TAS				m_e	
MOX	150.41		PKPbc	00:33:30.717	-0.3	8.4		2.44		TAS				m_e	
NEUB	149.85		PKPbc	00:33:29.651	0.3	8.4		2.44		TAS				m_e	

NRDL	148.69	PKPbc	00:33:27.037	-0.1	8.4	2.44	TAS	m_e
ROTZ	151.22	PKPbc	00:33:32.813	-0.1	8.4	2.44	TAS	m_e
RUE	148.36	PKPbc	00:33:25.733		8.4	2.44	TAS	m_e
TANN	150.55	PKPbc	00:33:31.471		8.4	2.44	TAS	m_e
TNS	151.04	PKPbc	00:33:32.752	0.3	8.4	2.44	TAS	m_e
WERN	150.68	PKPbc	00:33:31.834	-0.1	8.4	2.44	TAS	m_e
WET	151.74	PKPbc	00:33:34.728		8.4	2.44	TAS	m_e
WLF	151.62	PKPbc	00:33:34.929		8.4	2.44	TAS	m_e

Event 41002003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/02	01:47:22.25			-19.4010	-177.2870				33.0			15		145.03	150.78	m i ke	BGR
OrigID 41002009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.75		PKPbc	02:07:04.864	0.0	15.7		2.68		TAS				m_e	
BFO	150.78		PKPbc	02:07:15.242		15.7		2.68		TAS				m_e	
BSEG	145.03		PKPbc	02:07:00.146	-0.2	15.7		2.68		TAS				m_e	
CLL	147.14		PKPbc	02:07:05.832	0.3	15.7		2.68		TAS				m_e	
CLZ	147.07		PKPbc	02:07:05.899	0.1	15.7		2.68		TAS				m_e	
FLT1	146.47		PKPbc	02:07:03.891	-0.5	15.7		2.68		TAS				m_e	
GEC2	149.32		PKPbc	02:07:11.861		15.7		2.68		TAS				m_e	
GRA1	149.02		PKPbc	02:07:11.190	0.5	15.7		2.68		TAS				m_e	
GUNZ	148.17		PKPbc	02:07:09.026	0.1	15.7		2.68		TAS				m_e	
KAST	147.95		PKPbc	02:07:08.304	0.2	15.7		2.68		TAS				m_e	
MANZ	148.57		PKPbc	02:07:09.858	-0.1	15.7		2.68		TAS				m_e	
MOX	148.03		PKPbc	02:07:08.272		15.7		2.68		TAS				m_e	
ROTZ	148.76		PKPbc	02:07:10.469	-0.5	15.7		2.68		TAS				m_e	
TANN	148.10		PKPbc	02:07:08.473	0.1	15.7		2.68		TAS				m_e	
TNS	148.91		PKPbc	02:07:10.746	-0.6	15.7		2.68		TAS				m_e	
WET	149.22		PKPbc	02:07:11.385	0.1	15.7		2.68		TAS				m_e	
WLF	149.68		PKPbc	02:07:13.104		15.7		2.68		TAS				m_e	

Event 41002004 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/02	04:43:40.71	0.61	1.71	45.5070	16.4870	21.1	12.2	76	10.0			24	311	1.68	7.17	m i ke	BGR
OrigID 41002010																	

Magnitude Err Nsta Author OrigID

ML 4.1 BGR 41002010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	1.87		Pn	04:44:12.086	0.3					T__				m_e	ML 3.6
ARSA	1.87		Sg	04:44:41.339	1.3					T__				m_e	
BALST	6.35		Pn	04:45:11.029	-1.1					T__				m_e	
BE1	4.35		Pn	04:44:45.012	-0.2					T__				m_e	
BFO	6.26		Pn	04:45:09.628	-1.4					T__				m_e	
DAVA	4.90		Pn	04:44:52.893	0.1					T__				m_e	
FUR	4.46		Sg	04:46:04.462	2.4					T__				m_e	
FUR	4.46		Pn	04:44:46.606	-0.1					T__				m_e	ML 4.5
GEC2	3.84		Pn	04:44:39.140	0.7					T__				m_e	ML 4.1
GRA1	5.50		Pn	04:45:00.628	-0.1					T__				m_e	ML 4.5
KBA	2.69		Pn	04:44:22.114	-0.7					T__				m_e	ML 3.8
MANZ	5.37		Pn	04:44:59.458	0.5					T__				m_e	
MOA	2.80		Pn	04:44:25.433	1.1					T__				m_e	ML 3.9
MOA	2.80		Sg	04:45:03.131	-6.4					T__				m_e	
MOX	6.09		Pn	04:45:09.488	0.8					T__				m_e	
OBER	4.68		Pn	04:44:49.587	-0.2					T__				m_e	ML 4.1
OBKA	1.68		Pn	04:44:07.821	-1.5					T__				m_e	ML 4.1
PART	4.21		Pn	04:44:43.425	0.0					T__				m_e	
PLONS	5.16		Pn	04:44:56.754	0.5					T__				m_e	ML 3.9
ROTZ	5.15		Pn	04:44:56.208	0.2					T__				m_e	ML 4.3
SLE	5.95		Pn	04:45:05.510	-1.3					T__				m_e	
SULZ	6.12		Pn	04:45:08.233	-0.9					T__				m_e	
TNS	7.17		Sn	04:46:42.571	4.6					T__				m_e	
TNS	7.17		Pn	04:45:24.304	1.0					T__				m_e	
WET	4.39		Pn	04:44:46.113	0.3					T__				m_e	ML 4.1
WILA	5.57		Pn	04:45:01.454	-0.3					T__				m_e	
WTTA	3.79		Pn	04:44:37.789	0.1					T__				m_e	ML 4.2
ZUGS	4.26		Pn	04:44:44.126	0.1					T__				m_e	

Event 41002005 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/02	06:39:37.25			64.6430	-17.9680				5.0			15		18.83	23.12	m i ke	BGR
41002011																	

Magnitude Err Nsta Author OrigID  
mb 4.5 BGR 41002011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	19.29		P	06:43:59.619	0.5	327.3		10.66		TAS		37.4	1.23	m_e	mb 4.5
ASSE	19.33		P	06:43:58.246	0.5	327.3		10.66		TAS				m_e	
BFO	21.60		P	06:44:23.629		327.3		10.66		TAS		14.5	1.05	m_e	mb 4.3
BRG	21.59		P	06:44:21.584		327.3		10.66		TAS		25.0	1.33	m_e	mb 4.5

Station	Mag	Phase	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
CLL	20.88	P	06:44:14.151	0.5	327.3					10.66	TAS	26.6	1.22	m_e	mb			4.4	
CLZ	19.44	P	06:43:59.636	-0.1	327.3					10.66	TAS	32.6	1.21	m_e	mb			4.4	
FBE	21.32	P	06:44:19.330		327.3					10.66	TAS	17.6	1.02	m_e	mb			4.3	
FLT1	19.39	P	06:43:58.328	0.5	327.3					10.66	TAS	25.6	1.21	m_e	mb			4.3	
GEC2	23.12	P	06:44:39.287		327.3					10.66	TAS			m_e					
GOR1	18.91	P	06:43:52.711	0.5	327.3					10.66	TAS			m_e					
GRA1	21.50	P	06:44:22.002	0.5	327.3					10.66	TAS			m_e					
GTTG	19.52	P	06:44:00.863	0.5	327.3					10.66	TAS			m_e					
GUNZ	21.37	P	06:44:20.376		327.3					10.66	TAS	31.9	1.30	m_e	mb			4.5	
KAST	19.22	P	06:43:58.268	0.5	327.3					10.66	TAS			m_e					
MANZ	21.59	P	06:44:22.819		327.3					10.66	TAS	25.6	1.59	m_e	mb			4.4	
MOX	20.87	P	06:44:15.300		327.3					10.66	TAS	27.8	1.34	m_e	mb			4.4	
NEUB	20.49	P	06:44:10.500	0.4	327.3					10.66	TAS			m_e					
NRDL	18.83	P	06:43:52.781	0.5	327.3					10.66	TAS	99.3	2.29	m_e	mb			4.6	
PLN	21.20	P	06:44:18.865	-0.7	327.3					10.66	TAS	29.5	1.29	m_e	mb			4.5	
ROTZ	21.80	P	06:44:25.691		327.3					10.66	TAS			m_e					
TANN	21.38	P	06:44:20.201		327.3					10.66	TAS	56.3	1.26	m_e	mb			4.7	
TNS	20.04	P	06:44:07.310	0.5	327.3					10.66	TAS			m_e					
UBBA	20.12	P	06:44:07.827	-0.6	327.3					10.66	TAS			m_e					
WERN	21.45	P	06:44:20.956		327.3					10.66	TAS	47.3	1.31	m_e	mb			4.7	
WET	22.57	P	06:44:33.622		327.3					10.66	TAS	16.9	1.52	m_e	mb			4.3	
WLF	19.71	P	06:44:03.526	0.5	327.3					10.66	TAS			m_e					

Event 41002006 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/02	07:02:29.33			-20.5740	-173.3190				95.4	1.3		31		145.85	152.28	m i ke	BGR
41002012																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.09		PKPbc	07:21:58.148	0.1	8.7		2.52		TAS				m_e	
ASSE	148.35		PKPbc	07:21:53.133	0.1	8.7		2.52		TAS				m_e	
BFO	152.28		PKPbc	07:22:02.748	-0.6	8.7		2.52		TAS				m_e	
BFO	152.28		pPKPbc	07:22:28.609	-0.6					T__				m_e	
BRG	149.23		PKPbc	07:21:55.615	-0.0	8.7		2.52		TAS				m_e	
BSEG	146.58		PKPbc	07:21:48.741	-0.2	8.7		2.52		TAS				m_e	
CLL	148.93		PKPbc	07:21:54.581	-0.2	8.7		2.52		TAS				m_e	
CLZ	148.66		PKPbc	07:21:54.027	0.3	8.7		2.52		TAS				m_e	
FBE	149.26		PKPbc	07:21:55.874	0.2	8.7		2.52		TAS				m_e	
FLT1	148.11		PKPbc	07:21:52.617	-0.1	8.7		2.52		TAS				m_e	
FUR	152.23		PKPbc	07:22:02.800	-0.3	8.7		2.52		TAS				m_e	
GEC2	151.24		PKPbc	07:22:00.474	-0.3	8.7		2.52		TAS				m_e	
GRA1	150.72		PKPbc	07:21:59.492	0.4	8.7		2.52		TAS				m_e	
GTTG	148.98		PKPbc	07:21:54.892	-0.1	8.7		2.52		TAS				m_e	

GUNZ	149.94	PKPbc	07:21:57.631	0.3	8.7	2.52	TAS	m_e
HLG	146.43	PKPbc	07:21:48.631	-0.4	8.7	2.52	TAS	m_e
HLG	146.43	pPKPbc	07:22:14.877	-0.6			T__	m_e
IBBN	148.32	PKPbc	07:21:53.238	-0.2	8.7	2.52	TAS	m_e
KAST	149.40	PKPbc	07:21:56.391	0.2	8.7	2.52	TAS	m_e
KAST	149.40	pPKPbc	07:22:22.811	-0.6			T__	m_e
MANZ	150.34	PKPbc	07:21:58.665	0.3	8.7	2.52	TAS	m_e
MOX	149.74	PKPbc	07:21:56.856	0.0	8.7	2.52	TAS	m_e
NEUB	149.18	PKPbc	07:21:55.564	0.1	8.7	2.52	TAS	m_e
NRDL	148.03	PKPbc	07:21:52.359	-0.2	8.7	2.52	TAS	m_e
ROTZ	150.54	PKPbc	07:21:58.872	-0.0	8.7	2.52	TAS	m_e
RUE	147.68	PKPbc	07:21:51.635	-0.1	8.7	2.52	TAS	m_e
SKMB	145.85	PKPbc	07:21:47.107	0.2	8.7	2.52	TAS	m_e
TANN	149.87	PKPbc	07:21:57.373	0.2	8.7	2.52	TAS	m_e
TNS	150.38	PKPbc	07:21:58.665	0.1	8.7	2.52	TAS	m_e
UBBA	149.70	PKPbc	07:21:56.546	-0.2	8.7	2.52	TAS	m_e
WERD	149.86	PKPbc	07:21:57.218	0.1	8.7	2.52	TAS	m_e
WERN	150.01	PKPbc	07:21:57.890	0.3	8.7	2.52	TAS	m_e
WET	151.07	PKPbc	07:21:59.854	-0.4	8.7	2.52	TAS	m_e
WLF	150.97	PKPbc	07:22:00.604	0.5	8.7	2.52	TAS	m_e

Event 41002012 Aegean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/02	12:07:03.09			38.4920	25.2170				33.0					15.02	15.02	m i ke	BGR
OrigID 41002018																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	15.02		P	12:10:38.264		138.8		12.57		TAS		9.2	0.87	m_e	

Event 41002014 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/02	12:57:08.51			52.2900	155.9900				149.7	1.3		36		69.10	76.03	m i ke	BGR
OrigID 41002020																	

Magnitude Err Nsta Author OrigID

mb	6.4		BGR	41002020
MBB	6.5		BGR	41002020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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AHRW	74.22	P	13:08:29.368	-0.1	21.7	5.91	TAS	365.7	1.18	a_e	MBB	6.5
ASSE	71.94	P	13:08:16.118	0.0	21.7	5.91	TAS	431.4	1.33	a_e	MBB	6.6
ASSE	71.94	pP	13:08:52.360	0.5			T__			m_e		
BFO	76.03	P	13:08:39.618	-0.6	21.7	5.91	TAS	138.4	1.05	a_e	mb	6.0
BRG	72.32	P	13:08:18.118	-0.2	21.7	5.91	TAS	260.2	1.19	a_e	MBB	6.4
BSEG	70.34	P	13:08:06.568	-0.0	21.7	5.91	TAS	363.2	1.13	a_e	MBB	6.6
BUG	73.33	P	13:08:24.268	0.1	21.7	5.91	TAS			m_e		
CLL	72.16	P	13:08:16.918	-0.5	21.7	5.91	TAS	546.3	1.10	a_e	MBB	6.7
CLZ	72.28	P	13:08:18.418	0.3	21.7	5.91	TAS	632.4	1.15	a_e	MBB	6.8
FBE	72.43	P	13:08:19.068	0.1	21.7	5.91	TAS	440.4	1.18	a_e	MBB	6.6
FLT1	71.63	P	13:08:13.618	-0.6	21.7	5.91	TAS	360.2	1.11	a_e	MBB	6.6
FUR	75.50	P	13:08:37.018	-0.1	21.7	5.91	TAS	550.3	1.17	a_e	MBB	6.6
GEC2	74.25	P	13:08:29.918	0.2	21.7	5.91	TAS	163.6	0.87	a_e	MBB	6.3
GOR1	71.00	P	13:08:10.815	0.3	21.7	5.91	TAS	667.7	1.25	m_e	MBB	6.8
GRA1	74.08	P	13:08:29.118	0.3	21.7	5.91	TAS	727.0	1.24	a_e	MBB	6.7
GTTG	72.65	P	13:08:20.368	0.1	21.7	5.91	TAS	344.8	1.37	a_e	MBB	6.5
GUNZ	73.19	P	13:08:23.718	0.2	21.7	5.91	TAS	383.8	1.47	a_e	MBB	6.5
HLG	70.62	P	13:08:08.218	0.1	21.7	5.91	TAS			a_e		
IBBN	72.41	P	13:08:18.668	-0.1	21.7	5.91	TAS			a_e		
KAST	73.31	P	13:08:24.218	0.1	21.7	5.91	TAS	343.1	1.34	a_e	MBB	6.5
MANZ	73.60	P	13:08:25.918	0.0	21.7	5.91	TAS	245.6	1.24	a_e	MBB	6.3
MOX	73.10	P	13:08:22.968	-0.0	21.7	5.91	TAS			a_e		
NEUB	72.56	P	13:08:19.468	-0.3	21.7	5.91	TAS	503.0	1.40	a_e	MBB	6.5
NRDL	71.73	P	13:08:14.668	-0.2	21.7	5.91	TAS	276.7	1.14	a_e	MBB	6.5
PLN	73.12	P	13:08:23.168	0.1	21.7	5.91	TAS	287.5	1.24	a_e	MBB	6.5
PLN	73.12	pP	13:08:59.966	0.5			T__			m_e		
RGN	69.10	P	13:07:59.168	-0.1	21.7	5.91	TAS	1033.8	1.29	a_e	MBB	7.0
ROTZ	73.78	P	13:08:27.218	0.3	21.7	5.91	TAS	328.4	1.17	a_e	MBB	6.4
RUE	70.89	P	13:08:09.818	-0.1	21.7	5.91	TAS	649.1	1.12	a_e	MBB	6.8
SKMB	69.80	P	13:08:03.580	0.2	21.7	5.91	TAS			m_e		
STU	75.42	P	13:08:36.218	-0.5	21.7	5.91	TAS	346.4	1.25	a_e	MBB	6.4
TANN	73.11	P	13:08:23.218	0.2	21.7	5.91	TAS	555.1	1.41	a_e	MBB	6.7
TNS	74.23	P	13:08:29.468	-0.1	21.7	5.91	TAS			a_e		
UBBA	73.32	P	13:08:24.218	-0.0	21.7	5.91	TAS			a_e		
WERD	73.12	P	13:08:23.118	0.0	21.7	5.91	TAS	208.6	1.22	a_e	MBB	6.2
WERN	73.25	P	13:08:23.782	-0.1	21.7	5.91	TAS	276.1	1.08	m_e	MBB	6.4
WET	74.19	P	13:08:29.868	0.5	21.7	5.91	TAS	489.8	1.18	a_e	MBB	6.6
WLF	75.24	P	13:08:36.018	0.5	21.7	5.91	TAS			a_e		

Event 41002016 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/02	13:27:36.88			65.2020	-19.7730				10.0					22.44	22.44	m i ke	BGR
41002022																	

Magnitude Err Nsta Author OrigID

mb 4.2 BGR 41002022

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.44		P	13:32:35.196		324.2		10.43		TAS		13.3	1.45	m_e	mb 4.2

Event 41002017 Qinghai, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/02	15:56:33.88			36.6700	97.5000				10.0			35		57.94	63.92	m i ke	BGR
OrigID 41002023																	

Magnitude	Err	Nsta	Author	OrigID
mb 5.5			BGR	41002023
Ms 5.1			BGR	41002023

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	63.00		P	16:07:01.909	0.2	67.5		6.69		TAS		26.8	1.26	m_e	mb 5.2
ASSE	60.29		P	16:06:43.623	0.3	67.5		6.69		TAS				m_e	
BFO	63.22		P	16:07:03.154		67.5		6.69		TAS		69.1	1.56	m_e	mb 5.5
BRG	58.86		P	16:06:33.540	-0.5	67.5		6.69		TAS		76.9	1.64	m_e	mb 5.5
BSEG	59.81		P	16:06:40.212	0.3	67.5		6.69		TAS				m_e	
BUG	62.50		P	16:06:58.495	0.1	67.5		6.69		TAS				m_e	
CLL	59.25		P	16:06:36.295	-0.6	67.5		6.69		TAS				m_e	
CLZ	60.57		P	16:06:45.782	0.7	67.5		6.69		TAS				m_e	
FBE	59.19		P	16:06:36.034	0.0	67.5		6.69		TAS		85.8	1.67	m_e	mb 5.5
FLT1	59.89		P	16:06:40.250	-0.8	67.5		6.69		TAS				m_e	
FUR	61.50		P	16:06:51.595	0.1	67.5		6.69		TAS		223.1	1.79	m_e	mb 6.1
GEC2	59.75		P	16:06:39.511	0.4	67.5		6.69		TAS				m_e	
GOR1	59.61		P	16:06:38.667	0.5	67.5		6.69		TAS				m_e	
GRA1	60.92		P	16:06:48.019	-0.1	67.5		6.69		TAS		151.6	1.72	m_e	mb 5.5
GRA1	60.92		L	16:34:31.898						T__		1451.8	18.60	a_e	Ms 5.2
GTTG	60.92		P	16:06:47.842	-0.2	67.5		6.69		TAS		77.1	1.43	m_e	mb 5.3
GUNZ	60.00		P	16:06:42.016	0.3	67.5		6.69		TAS		72.7	1.67	m_e	mb 5.4
IBBN	61.87		P	16:06:54.258	0.1	67.5		6.69		TAS				m_e	
KAST	61.95		P	16:06:54.663		67.5		6.69		TAS				m_e	
MANZ	60.28		P	16:06:43.369	-0.6	67.5		6.69		TAS		37.5	1.46	m_e	mb 5.2
MOX	60.31		P	16:06:43.840	0.4	67.5		6.69		TAS		55.4	1.54	m_e	mb 5.4
MOX	60.31		L	16:34:19.481						T__		1346.9	18.90	a_e	Ms 5.1
NEUB	60.01		P	16:06:41.545	-0.1	67.5		6.69		TAS				m_e	
NRDL	60.47		P	16:06:45.253	0.2	67.5		6.69		TAS		134.1	1.53	m_e	mb 5.7
PLN	60.05		P	16:06:42.016	0.5	67.5		6.69		TAS				m_e	
RGN	57.94		P	16:06:27.471	0.5	67.5		6.69		TAS				m_e	
ROTZ	60.30		P	16:06:43.958	-0.0	67.5		6.69		TAS		91.4	1.63	m_e	mb 5.5
RUE	58.39		P	16:06:30.539	-0.4	67.5		6.69		TAS				m_e	
SKMB	59.99		P	16:06:41.283	0.4	67.5		6.69		TAS				m_e	
STU	62.51		P	16:06:58.201	-0.9	67.5		6.69		TAS				m_e	

TANN	59.90	P	16:06:41.015	-0.1	67.5	6.69	TAS	133.9	1.68	m_e	mb	5.7
TNS	62.34	P	16:06:57.495	-0.2	67.5	6.69	TAS			m_e		
UBBA	61.19	P	16:06:49.724	0.7	67.5	6.69	TAS	47.7	1.60	m_e	mb	5.1
WERD	59.98	P	16:06:41.486	-0.1	67.5	6.69	TAS	39.8	1.82	m_e	mb	5.1
WERN	60.00	P	16:06:41.545	-0.3	67.5	6.69	TAS			m_e		
WET	60.14	P	16:06:42.665	-0.2	67.5	6.69	TAS	61.8	1.61	m_e	mb	5.4
WLF	63.92	P	16:07:08.207		67.5	6.69	TAS	97.9	1.37	m_e	mb	5.9

Event 41002018 Kansas, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/02	18:01:31.46			37.4070	-96.7430				10.0					72.51	72.51	m i ke	BGR
OrigID 41002024																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	41002024

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	72.51		P	18:12:57.157		305.9		5.68		TAS		5.4	1.20	m_e	mb	4.6

Event 41002020 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/02	22:15:46.75			-15.6260	-176.8840				400.0				28	142.82	147.11	m i ke	BGR
OrigID 41002026																	

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	143.09		PKPbc	22:34:27.609	-0.3	13.8		3.04		TAS				m_e	
BFO	147.11		PKPbc	22:34:39.756		13.8		3.04		TAS				m_e	
BRG	143.78		PKPbc	22:34:30.125	-0.1	13.8		3.04		TAS				m_e	
BUG	144.12		PKPbc	22:34:31.338	-0.2	13.8		3.04		TAS				m_e	
CLL	143.53		PKPbc	22:34:29.310	-0.1	13.8		3.04		TAS				m_e	
CLZ	143.41		PKPbc	22:34:28.839	0.3	13.8		3.04		TAS				m_e	
FBE	143.84		PKPbc	22:34:30.291	0.1	13.8		3.04		TAS				m_e	
FLT1	142.82		PKPbc	22:34:26.563	-0.7	13.8		3.04		TAS				m_e	
FUR	146.86		PKPbc	22:34:39.092	-0.6	13.8		3.04		TAS				m_e	
GEC2	145.75		PKPbc	22:34:36.073	0.5	13.8		3.04		TAS				m_e	
GRA1	145.39		PKPbc	22:34:35.318	0.2	13.8		3.04		TAS				m_e	
GTTG	143.75		PKPbc	22:34:29.927	0.2	13.8		3.04		TAS				m_e	
GUNZ	144.56		PKPbc	22:34:32.429	0.3	13.8		3.04		TAS				m_e	
IBBN	143.22		PKPbc	22:34:28.620	0.1	13.8		3.04		TAS				m_e	

KAST	144.26	PKPbc	22:34:31.725	-0.0	13.8	3.04	TAS	m_e
MANZ	144.96	PKPbc	22:34:33.553	-0.5	13.8	3.04	TAS	m_e
MOX	144.40	PKPbc	22:34:32.022	0.1	13.8	3.04	TAS	m_e
NEUB	143.84	PKPbc	22:34:30.210	0.1	13.8	3.04	TAS	m_e
PLN	144.47	PKPbc	22:34:32.297	0.3	13.8	3.04	TAS	m_e
ROTZ	145.16	PKPbc	22:34:34.291	-0.1	13.8	3.04	TAS	m_e
STU	146.57	PKPbc	22:34:38.584	-0.4	13.8	3.04	TAS	m_e
TANN	144.49	PKPbc	22:34:32.299	0.0	13.8	3.04	TAS	m_e
TNS	145.22	PKPbc	22:34:34.563	0.3	13.8	3.04	TAS	m_e
UBBA	144.46	PKPbc	22:34:31.937	-0.3	13.8	3.04	TAS	m_e
WERD	144.48	PKPbc	22:34:32.375	0.2	13.8	3.04	TAS	m_e
WERN	144.62	PKPbc	22:34:32.753	0.4	13.8	3.04	TAS	m_e
WET	145.63	PKPbc	22:34:35.982	-0.2	13.8	3.04	TAS	m_e
WLF	145.96	PKPbc	22:34:37.385	0.4	13.8	3.04	TAS	m_e

Event 41003001 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/03	00:57:27.91			39.5100	143.2300				50.2	0.9		36		76.95	83.83	m i ke	BGR
OrigID 41003007																	

Magnitude Err Nsta Author OrigID  
 mb 5.6 BGR 41003007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	82.42		P	01:09:45.071	-0.3	35.1		5.34		TAS				m_e	
ASSE	79.84		P	01:09:31.052	0.5	35.1		5.34		TAS				m_e	
BFO	83.83		P	01:09:52.541		35.1		5.34		TAS				m_e	
BFO	83.83		pP	01:10:07.101						T__				m_e	
BRG	79.64		P	01:09:30.240	-0.5	35.1		5.34		TAS				m_e	
BSEG	78.49		P	01:09:24.015	0.1	35.1		5.34		TAS		33.4	0.79	m_e mb	5.5
BUG	81.60		P	01:09:40.612	0.3	35.1		5.34		TAS				m_e	
CLL	79.65		P	01:09:29.753	-0.1	35.1		5.34		TAS		40.0	0.72	m_e mb	5.4
CLZ	80.18		P	01:09:33.542	-0.2	35.1		5.34		TAS		29.8	0.76	m_e mb	5.3
FBE	79.83		P	01:09:31.323	-0.2	35.1		5.34		TAS				m_e	
FLT1	79.47		P	01:09:28.949	-0.0	35.1		5.34		TAS		48.2	0.70	m_e mb	5.6
FLT1	79.47		pP	01:09:43.582						T__				m_e	
FUR	82.85		P	01:09:47.182	-0.0	35.1		5.34		TAS		82.1	0.71	m_e mb	6.1
GEC2	81.35		P	01:09:39.442	-0.1	35.1		5.34		TAS				m_e	
GEC2	81.35		pP	01:09:54.045						T__				m_e	
GOR1	78.91		P	01:09:26.505	0.2	35.1		5.34		TAS				m_e	
GRA1	81.63		P	01:09:40.741	-0.2	35.1		5.34		TAS		61.3	0.71	m_e mb	5.8
GTTG	80.57		P	01:09:35.274	-0.2	35.1		5.34		TAS				m_e	
GUNZ	80.66		P	01:09:36.086	0.2	35.1		5.34		TAS				m_e	
HLG	79.09		P	01:09:27.110	-0.8	35.1		5.34		TAS				m_e	
IBBN	80.71		P	01:09:35.869	-0.1	35.1		5.34		TAS		55.2	0.72	m_e mb	5.7

KAST	81.40	P	01:09:39.388	0.6	35.1	5.34	TAS										m_e
MANZ	81.05	P	01:09:37.656	-0.2	35.1	5.34	TAS										m_e
MOX	80.70	P	01:09:36.086	0.4	35.1	5.34	TAS										m_e
MOX	80.70	pP	01:09:50.318				T__										m_e
NEUB	80.20	P	01:09:33.001	0.1	35.1	5.34	TAS										m_e
NRDL	79.74	P	01:09:30.619	0.1	35.1	5.34	TAS			31.0	0.95	m_e	mb				5.2
PLN	80.63	P	01:09:35.545	0.4	35.1	5.34	TAS										m_e
RGN	76.95	P	01:09:15.517	-0.2	35.1	5.34	TAS										m_e
ROTZ	81.19	P	01:09:38.738	0.0	35.1	5.34	TAS										m_e
RUE	78.43	P	01:09:23.848	-0.8	35.1	5.34	TAS										m_e
RUE	78.43	pP	01:09:38.408				T__										m_e
SKMB	78.14	P	01:09:22.554	0.6	35.1	5.34	TAS										m_e
STU	83.14	P	01:09:48.915	0.3	35.1	5.34	TAS			50.1	0.69	m_e	mb				5.9
TANN	80.57	P	01:09:35.058	0.5	35.1	5.34	TAS										m_e
TNS	82.21	P	01:09:43.664	0.1	35.1	5.34	TAS			18.4	0.78	m_e	mb				5.3
UBBA	81.16	P	01:09:38.035	0.2	35.1	5.34	TAS										m_e
WERD	80.60	P	01:09:35.589	0.0	35.1	5.34	TAS										m_e
WERD	80.60	pP	01:09:49.879				T__										m_e
WERN	80.71	P	01:09:36.357	0.1	35.1	5.34	TAS										m_e
WET	81.43	P	01:09:39.808	-0.5	35.1	5.34	TAS										m_e
WLF	83.48	P	01:09:50.972	-0.6	35.1	5.34	TAS										m_e

Event 41003002 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/03	01:41:40.55			65.6100	-14.8400				5.0				27	17.08	22.49	m i ke	BGR
41003008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	41003008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	18.87	P		01:46:01.807	-0.2	328.1		10.86		TAS		19.7	1.04	m_e	mb 4.3
ASSE	18.68	P		01:46:00.242	-0.3	328.1		10.86		TAS				m_e	
BFO	21.21	P		01:46:26.770		328.1		10.86		TAS		11.3	0.97	m_e	mb 4.2
BRG	20.87	P		01:46:24.311		328.1		10.86		TAS		12.2	1.03	m_e	mb 4.2
BSEG	17.08	P		01:45:42.279	1.2	328.1		10.86		TAS				m_e	
BUG	18.14	P		01:45:53.901	-0.6	328.1		10.86		TAS		13.0	0.97	m_e	mb 4.0
CLL	20.17	P		01:46:16.148		328.1		10.86		TAS		33.4	1.35	m_e	mb 4.4
CLZ	18.82	P		01:46:01.924	-0.6	328.1		10.86		TAS		15.4	1.08	m_e	mb 4.2
FBE	20.62	P		01:46:21.630		328.1		10.86		TAS				m_e	
FLT1	18.71	P		01:46:00.284	-0.3	328.1		10.86		TAS		13.1	1.00	m_e	mb 4.1
GEC2	22.49	P		01:46:41.948		328.1		10.86		TAS		5.2	1.03	m_e	mb 3.9
GRA1	20.93	P		01:46:24.854	1.2	328.1		10.86		TAS		18.0	1.01	m_e	mb 4.4
GUNZ	20.73	P		01:46:22.582	-0.5	328.1		10.86		TAS		25.6	1.12	m_e	mb 4.5
IBBN	17.56	P		01:45:48.188	-0.6	328.1		10.86		TAS		12.0	1.06	m_e	mb 4.0

Station	Mag	Phase	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Def	SNR	Amp	Per	Qual	Magnitude
KAST	18.71	P	01:45:59.947	-0.6	328.1			10.86		TAS	12.7	1.08	m_e	mb			4.1
MANZ	20.98	P	01:46:25.744		328.1			10.86		TAS	14.8	1.19	m_e	mb			4.2
MOX	20.25	P	01:46:17.543	-0.4	328.1			10.86		TAS	15.6	1.14	m_e	mb			4.1
NEUB	19.84	P	01:46:13.278	1.2	328.1			10.86		TAS	30.3	0.99	m_e	mb			4.5
NRDL	18.18	P	01:45:54.530	-0.3	328.1			10.86		TAS	13.6	1.06	m_e	mb			4.0
RGN	17.70	P	01:45:47.074		328.1			10.86		TAS			m_e				
ROTZ	21.20	P	01:46:27.815		328.1			10.86		TAS	10.3	1.25	m_e	mb			4.0
STU	21.08	P	01:46:25.645		328.1			10.86		TAS	21.7	0.95	m_e	mb			4.5
TANN	20.73	P	01:46:23.076		328.1			10.86		TAS	24.8	0.92	m_e	mb			4.5
TNS	19.57	P	01:46:08.985	-0.2	328.1			10.86		TAS	9.8	1.11	m_e	mb			3.9
UBBA	19.56	P	01:46:09.841	-0.6	328.1			10.86		TAS			m_e				
WERN	20.81	P	01:46:23.893	1.2	328.1			10.86		TAS	34.4	1.09	m_e	mb			4.6
WET	21.96	P	01:46:36.223		328.1			10.86		TAS	7.1	1.07	m_e	mb			4.0

Event 41003004 Off coast of central America

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/03	05:37:22.92			6.5900	-84.3480				33.0					88.62	88.62	m i ke	BGR
OrigID 41003010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	41003010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	88.62		P	05:50:16.047		269.3		5.17		TAS		3.0	0.70	m_e	mb	4.6

Event 41003005 Panay, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/03	08:05:53.79			11.3110	122.3290				33.0					94.66	94.66	m i ke	BGR
OrigID 41003011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	41003011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	94.66		P	08:19:04.939		69.0		4.26		TAS		8.1	1.16	m_e	mb	5.0

Event 41003006 Fox 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  
 2014/10/03 10:03:14.48 54.4250 -166.1110 33.0 76.23 76.23 m i ke BGR  
 41003012

Magnitude Err Nsta Author OrigID  
 mb 4.9 BGR 41003012

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude  
 GRA1 76.23 P 10:14:57.960 359.4 5.11 TAS 12.9 1.17 m\_e mb 4.9

Event 41003008 Iceland region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID  
 2014/10/03 12:42:26.72 66.6520 -22.2590 5.0 24.03 24.03 m i ke BGR  
 41003014

Magnitude Err Nsta Author OrigID  
 mb 4.3 BGR 41003014

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude  
 GRA1 24.03 P 12:47:42.435 326.2 9.49 TAS 13.3 1.41 m\_e mb 4.3

Event 41003007 Iceland region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID  
 2014/10/03 12:42:31.80 66.6980 -20.6150 5.0 23.49 23.49 m i ke BGR  
 41003013

Magnitude Err Nsta Author OrigID  
 mb 4.5 BGR 41003013

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude  
 GRA1 23.49 P 12:47:42.103 327.1 9.90 TAS 23.9 1.38 m\_e mb 4.5

Event 41003010 Tonga Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID  
 2014/10/03 15:02:41.89 -22.1930 -175.9410 33.0 18 147.95 153.16 m i ke BGR  
 41003016

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	150.35		PKPbc	15:22:29.818	-0.1	14.2		2.38		TAS					m_e	
BSEG	147.95		PKPbc	15:22:24.163	0.2	14.2		2.38		TAS					m_e	
CLL	150.12		PKPbc	15:22:29.255	-0.0	14.2		2.38		TAS					m_e	
CLZ	150.00		PKPbc	15:22:28.908	0.2	14.2		2.38		TAS					m_e	
FBE	150.42		PKPbc	15:22:30.142	0.2	14.2		2.38		TAS					m_e	
FLT1	149.41		PKPbc	15:22:27.484	-0.1	14.2		2.38		TAS					m_e	
GEC2	152.32		PKPbc	15:22:34.321	-0.6	14.2		2.38		TAS					m_e	
GUNZ	151.14		PKPbc	15:22:31.800	0.4	14.2		2.38		TAS					m_e	
IBBN	149.80		PKPbc	15:22:28.684	-0.5	14.2		2.38		TAS					m_e	
KAST	150.84		PKPbc	15:22:30.986	-0.2	14.2		2.38		TAS					m_e	
MANZ	151.54		PKPbc	15:22:32.596	-0.1	14.2		2.38		TAS					m_e	
NEUB	150.43		PKPbc	15:22:29.693	0.1	14.2		2.38		TAS					m_e	
NRDL	149.39		PKPbc	15:22:27.492	0.2	14.2		2.38		TAS					m_e	
RUE	148.85		PKPbc	15:22:26.108	-0.4	14.2		2.38		TAS					m_e	
STU	153.16		PKPbc	15:22:36.588	0.3	14.2		2.38		TAS					m_e	
TANN	151.07		PKPbc	15:22:31.509	-0.1	14.2		2.38		TAS					m_e	
TNS	151.81		PKPbc	15:22:33.320	-0.1	14.2		2.38		TAS					m_e	
WERN	151.21		PKPbc	15:22:31.918	0.5	14.2		2.38		TAS					m_e	

Event 41003009 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2014/10/03	15:11:58.61			36.5680	21.2610				33.0					15.01	15.01	m i ke	BGR
41003015																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	15.01		P	15:15:37.409		147.2		11.49		TAS		3.1	0.95	m_e	

Event 41003011 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
OrigID																		
2014/10/03	18:28:41.64			-20.4230	-174.2360				33.0					31	145.65	152.08	m i ke	BGR
41003017																		

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.93		PKPbc	18:48:19.872	0.7	10.4		2.51		TAS				a_e	



ASSE	148.12	PKPbc	18:48:14.422	0.0	10.4	2.51	TAS	m_e
BFO	152.08	PKPbc	18:48:23.772	-0.7	10.4	2.51	TAS	a_e
BRG	148.94	PKPbc	18:48:16.572	0.1	10.4	2.51	TAS	a_e
BSEG	146.36	PKPbc	18:48:09.522	-0.5	10.4	2.51	TAS	m_e
BUG	149.02	PKPbc	18:48:16.472	-0.4	10.4	2.51	TAS	a_e
CLL	148.66	PKPbc	18:48:15.672	-0.1	10.4	2.51	TAS	a_e
CLZ	148.44	PKPbc	18:48:15.296	0.2	10.4	2.51	TAS	m_e
FBE	148.98	PKPbc	18:48:16.638	0.6	10.4	2.51	TAS	m_e
FLT1	147.87	PKPbc	18:48:13.472	-0.3	10.4	2.51	TAS	a_e
FUR	151.97	PKPbc	18:48:23.284	-0.8	10.4	2.51	TAS	m_e
GEC2	150.94	PKPbc	18:48:21.372	-0.2	10.4	2.51	TAS	a_e
GRA1	150.47	PKPbc	18:48:20.372	0.1	10.4	2.51	TAS	a_e
GTTG	148.76	PKPbc	18:48:16.072	0.0	10.4	2.51	TAS	a_e
GUNZ	149.67	PKPbc	18:48:18.622	0.3	10.4	2.51	TAS	a_e
IBBN	148.14	PKPbc	18:48:14.451	0.7	10.4	2.51	TAS	m_e
KAST	149.21	PKPbc	18:48:17.222	-0.0	10.4	2.51	TAS	a_e
MANZ	150.07	PKPbc	18:48:19.522	0.2	10.4	2.51	TAS	a_e
MOX	149.49	PKPbc	18:48:17.872	0.1	10.4	2.51	TAS	a_e
NEUB	148.93	PKPbc	18:48:16.422	0.0	10.4	2.51	TAS	a_e
NRDL	147.81	PKPbc	18:48:13.572	-0.1	10.4	2.51	TAS	a_e
ROTZ	150.27	PKPbc	18:48:19.872	0.1	10.4	2.51	TAS	a_e
RUE	147.41	PKPbc	18:48:12.372	-0.2	10.4	2.51	TAS	a_e
SKMB	145.65	PKPbc	18:48:07.872	-0.4	10.4	2.51	TAS	a_e
TANN	149.60	PKPbc	18:48:18.322	0.2	10.4	2.51	TAS	a_e
TNS	150.19	PKPbc	18:48:20.422	0.7	10.4	2.51	TAS	a_e
UBBA	149.48	PKPbc	18:48:17.182	-0.8	10.4	2.51	TAS	m_e
WERD	149.59	PKPbc	18:48:18.172	0.1	10.4	2.51	TAS	a_e
WERN	149.74	PKPbc	18:48:18.872	0.4	10.4	2.51	TAS	a_e
WET	150.78	PKPbc	18:48:20.949	-0.2	10.4	2.51	TAS	m_e
WLF	150.82	PKPbc	18:48:21.522	-0.0	10.4	2.51	TAS	a_e

Event 41003013 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/03	22:20:27.27			33.0760	27.1810				33.0			23		18.71	24.05	m i ke	BGR
41003019																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	41003019
Ms	4.1		BGR	41003019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	22.88		P	22:25:30.826		138.6		10.86		TAS		16.4	0.70	m_e mb	4.7
ASSE	22.49		P	22:25:27.254	-0.3	138.6		10.86		TAS				m_e	
BFO	20.81		P	22:25:08.458		138.6		10.86		TAS				m_e	
BRG	20.27		P	22:25:02.277	0.9	138.6		10.86		TAS		14.3	0.86	m_e mb	4.2

BSEG	24.05	P	22:25:43.812	138.6	10.86	TAS	11.8	0.78	m_e	mb	4.5
BUG	23.40	P	22:25:37.413	138.6	10.86	TAS	21.1	0.90	m_e	mb	4.7
CLL	20.96	P	22:25:09.396	138.6	10.86	TAS	12.5	0.77	m_e	mb	4.3
CLZ	22.38	P	22:25:26.056	0.7 138.6	10.86	TAS	11.7	0.87	m_e	mb	4.3
FBE	20.52	P	22:25:04.589	138.6	10.86	TAS	15.0	0.87	m_e	mb	4.3
FLT1	22.44	P	22:25:25.607	-0.3 138.6	10.86	TAS			m_e		
GEC2	18.71	P	22:24:45.610	0.6 138.6	10.86	TAS			m_e		
GRA1	20.40	P	22:25:04.337	0.6 138.6	10.86	TAS			m_e		
GRA1	20.40	L	22:33:50.019			T__	725.1	20.90	a_e	Ms	4.0
GTTG	22.32	P	22:25:25.818	1.1 138.6	10.86	TAS	56.1	0.90	m_e	mb	5.0
GUNZ	20.46	P	22:25:05.588	0.0 138.6	10.86	TAS	9.5	0.67	m_e	mb	4.2
IBBN	23.81	P	22:25:41.291	138.6	10.86	TAS			m_e		
KAST	22.73	P	22:25:30.113	138.6	10.86	TAS	11.5	0.91	m_e	mb	4.4
MANZ	20.25	P	22:25:02.303	0.8 138.6	10.86	TAS			m_e		
MOX	20.96	P	22:25:10.954	-2.1 138.6	10.86	TAS			m_e		
MOX	20.96	L	22:34:21.361			T__	763.5	18.40	a_e	Ms	4.1
NEUB	21.33	P	22:25:14.207	3.0 138.6	10.86	TAS	37.9	0.85	m_e	mb	4.7
NRDL	22.99	P	22:25:32.796	1.1 138.6	10.86	TAS	5.5	0.79	m_e	mb	4.1
ROTZ	20.04	P	22:25:00.594	138.6	10.86	TAS	5.0	0.71	m_e	mb	3.9
RUE	21.67	P	22:25:16.474	0.6 138.6	10.86	TAS	31.6	0.83	m_e	mb	4.8
STU	20.67	P	22:25:08.106	0.9 138.6	10.86	TAS			m_e		
TANN	20.45	P	22:25:04.989	0.4 138.6	10.86	TAS			m_e		
TNS	22.02	P	22:25:22.706	-1.1 138.6	10.86	TAS			m_e		
UBBA	21.76	P	22:25:19.597	138.6	10.86	TAS			m_e		
WERN	20.38	P	22:25:03.891	-0.5 138.6	10.86	TAS	7.7	0.73	m_e	mb	4.0
WET	19.28	P	22:24:51.824	-0.4 138.6	10.86	TAS			m_e		
WLF	22.76	P	22:25:29.409	138.6	10.86	TAS			m_e		

Event 41004001 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/04	00:12:02.40			37.4400	22.2300				10.0					12.98	15.34	m i ke	NOA
41004070																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	14.67		P	00:15:36.913		142.9		11.08		TAS				m_e	
CLL	15.34		P	00:15:44.068		142.9		11.08		TAS				m_e	
FBE	14.89		P	00:15:40.561		142.9		11.08		TAS				m_e	
GEC2	12.98		P	00:15:18.675		142.9		11.08		TAS				m_e	
GRA1	14.60		P	00:15:35.931		142.9		11.08		TAS				m_e	

Event 41004002 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/04	00:33:53.06			44.9200	147.9200				33.0			34		73.66	80.61	m i k e	BGR
41004008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	41004008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.03		P	00:45:55.029	-0.3	29.8		5.61		TAS		93.7	1.12	a_e mb	5.8
ASSE	76.56		P	00:45:41.179	0.1	29.8		5.61		TAS		65.6	1.00	a_e mb	5.7
BFO	80.61		P	00:46:03.529		29.8		5.61		TAS		51.4	1.02	a_e mb	5.4
BRG	76.59		P	00:45:41.229	0.4	29.8		5.61		TAS		45.3	0.97	a_e mb	5.6
BSEG	75.09		P	00:45:32.929	-0.2	29.8		5.61		TAS		79.3	1.03	a_e mb	5.7
BUG	78.17		P	00:45:50.029	0.5	29.8		5.61		TAS		104.5	1.15	a_e mb	5.9
CLL	76.53		P	00:45:40.629	-0.2	29.8		5.61		TAS		204.3	0.99	a_e mb	6.2
CLZ	76.90		P	00:45:43.529	-0.1	29.8		5.61		TAS		203.9	1.34	a_e mb	6.1
FBE	76.75		P	00:45:42.379	-0.3	29.8		5.61		TAS		105.5	0.99	a_e mb	5.9
FLT1	76.21		P	00:45:38.679	-0.5	29.8		5.61		TAS		122.1	0.90	a_e mb	6.0
FUR	79.81		P	00:45:59.629	-0.5	29.8		5.61		TAS		135.4	0.95	a_e mb	6.0
GEC2	78.41		P	00:45:51.629	0.4	29.8		5.61		TAS		53.1	1.04	a_e mb	5.6
GOR1	75.61		P	00:45:36.179	-0.0	29.8		5.61		TAS		136.1	1.09	a_e mb	5.9
GRA1	78.50		P	00:45:52.529	0.0	29.8		5.61		TAS		196.1	0.86	a_e mb	6.3
GTTG	77.28		P	00:45:45.479	-0.1	29.8		5.61		TAS		120.5	1.02	a_e mb	6.0
GUNZ	77.56		P	00:45:46.929	-0.0	29.8		5.61		TAS		62.4	0.96	a_e mb	5.7
IBBN	77.26		P	00:45:45.029	-0.0	29.8		5.61		TAS		109.8	0.92	a_e mb	6.0
KAST	78.05		P	00:45:49.679	-0.2	29.8		5.61		TAS		77.1	1.09	m_e mb	5.8
MANZ	77.96		P	00:45:49.129	0.3	29.8		5.61		TAS		47.6	0.98	a_e mb	5.6
MOX	77.55		P	00:45:46.779	0.1	29.8		5.61		TAS		91.6	1.20	a_e mb	5.8
NEUB	77.02		P	00:45:43.579	0.2	29.8		5.61		TAS		172.5	1.11	a_e mb	6.1
NRDL	76.41		P	00:45:40.329	-0.0	29.8		5.61		TAS		68.2	1.10	a_e mb	5.7
PLN	77.51		P	00:45:46.629	0.1	29.8		5.61		TAS		59.5	1.12	a_e mb	5.6
RGN	73.66		P	00:45:24.729	-0.2	29.8		5.61		TAS		176.2	1.08	a_e mb	6.1
ROTZ	78.12		P	00:45:50.279	0.1	29.8		5.61		TAS		67.4	1.01	a_e mb	5.7
RUE	75.28		P	00:45:33.929	0.2	29.8		5.61		TAS		132.2	1.08	a_e mb	5.9
SKMB	74.66		P	00:45:30.979	-0.0	29.8		5.61		TAS		126.0	1.15	a_e mb	5.8
STU	79.95		P	00:46:00.029		29.8		5.61		TAS		83.8	0.88	a_e mb	5.8
TANN	77.47		P	00:45:46.379	0.0	29.8		5.61		TAS		53.3	0.87	a_e mb	5.7
TNS	78.90		P	00:45:54.379	0.1	29.8		5.61		TAS		62.4	0.94	a_e mb	5.7
UBBA	77.91		P	00:45:48.779	0.1	29.8		5.61		TAS		29.7	0.68	a_e mb	5.5
WERD	77.50		P	00:45:46.379	-0.0	29.8		5.61		TAS		37.4	0.95	a_e mb	5.5
WERN	77.61		P	00:45:47.279	0.0	29.8		5.61		TAS		91.9	1.12	a_e mb	5.8
WET	78.43		P	00:45:52.179	0.0	29.8		5.61		TAS		122.6	1.08	a_e mb	6.0

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/04	02:24:35.41			64.8130	-17.4490				33.0					21.39	21.39	m i ke	BGR
OrigID 41004009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	41004009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.39		P	02:29:19.885		322.9		10.31		TAS		42.1	1.51	m_e mb	4.5

Event 41004004 Caspian Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/04	04:59:30.82			42.0350	50.4580				33.0					28.12	28.12	m i ke	BGR
OrigID 41004010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	41004010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	28.12		P	05:05:19.281		98.9		8.70		TAS		25.1	1.94	m_e mb	4.7

Event 41004006 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/04	05:56:47.81			66.3160	-19.7850				33.0					23.00	23.00	m i ke	BGR
OrigID 41004012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	41004012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	23.00		P	06:01:49.411		326.7		10.07		TAS		15.4	1.17	m_e mb	4.4

Event 41004008 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/04	12:05:03.36			66.4370	-20.8740				33.0					23.44	23.44	m i ke	BGR
OrigID 41004014																	

Magnitude Err Nsta Author OrigID  
 mb 5.2 BGR 41004014

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude  
 GRA1 23.44 P 12:10:09.351 326.4 9.76 TAS 99.9 1.38 m\_e mb 5.2

Event 41004011 Fiji Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID  
 2014/10/04 14:20:13.57 -20.5290 -176.1960 33.0 13 146.28 150.65 m i ke BGR  
 41004017

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude  
 BRG 148.68 PKPbc 14:39:57.274 14.1 2.54 TAS m\_e  
 BSEG 146.28 PKPbc 14:39:51.051 -0.1 14.1 2.54 TAS m\_e  
 CLL 148.44 PKPbc 14:39:56.493 -0.5 14.1 2.54 TAS m\_e  
 CLZ 148.33 PKPbc 14:39:56.542 0.1 14.1 2.54 TAS m\_e  
 FBE 148.75 PKPbc 14:39:57.664 14.1 2.54 TAS m\_e  
 FLT1 147.74 PKPbc 14:39:54.193 0.2 14.1 2.54 TAS m\_e  
 GEC2 150.65 PKPbc 14:40:01.741 14.1 2.54 TAS m\_e  
 GUNZ 149.47 PKPbc 14:39:59.274 14.1 2.54 TAS m\_e  
 KAST 149.17 PKPbc 14:39:58.494 14.1 2.54 TAS m\_e  
 MANZ 149.87 PKPbc 14:40:00.250 14.1 2.54 TAS m\_e  
 PLN 149.38 PKPbc 14:39:59.079 14.1 2.54 TAS m\_e  
 TANN 149.40 PKPbc 14:39:59.079 14.1 2.54 TAS m\_e  
 WERD 149.40 PKPbc 14:39:58.982 14.1 2.54 TAS m\_e

Event 41004012 Iceland

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID  
 2014/10/04 18:54:52.77 65.5970 -21.5920 33.0 23.30 23.30 m i ke BGR  
 41004018

Magnitude Err Nsta Author OrigID  
 mb 4.4 BGR 41004018

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude  
 GRA1 23.30 P 18:59:57.314 323.2 9.48 TAS 14.5 1.04 m\_e mb 4.4

## Event 41004013 Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/04	19:16:36.40			17.5600	-94.6200				142.0					86.62	86.62	m i ke	EMSC

OrigID  
41004045

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	41004019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	86.62		P	19:29:04.163		293.2		4.63		TAS		19.6	1.27	m_e	mb 5.1
GRA1	86.62		pP	19:29:39.725						T__				m_e	

## Event 41005001 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/05	03:54:51.74			65.8740	-18.0100				33.0					22.16	22.16	m i ke	BGR

OrigID  
41005007

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	41005007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.16		P	03:59:44.373		327.0		10.34		TAS		12.9	1.24	m_e	mb 4.2

## Event 41005003 Western Indian-Antarctic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/05	07:24:41.20			-49.7000	125.8700				1.0					138.95	138.95	m i ke	EMSC

OrigID  
41005035

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	41005009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	138.95		PKP	07:44:18.406		116.0		2.13		TAS				m_e	
GRA1	138.95		L	08:51:21.438						T__		218.5	19.60	a_e	Ms 4.9

## Event 41005007 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/05	16:58:48.76			65.9010	-18.4840				33.0					22.33	22.33	m i ke	BGR
OrigID 41005013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	41005013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.33		P	17:03:43.281		326.5		10.43		TAS		74.7	1.43	m_e mb	4.9

## Event 41005008 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/05	17:16:47.60			-19.6900	-176.1500				2.0					149.49	149.49	m i ke	EMSC
OrigID 41005040																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.0		BGR	41005014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	149.49		PKP	17:36:41.762		13.8		2.00		TAS				m_e	
GRA1	149.49		L	18:44:11.934						T__		256.7	21.40	a_e Ms	5.0

## Event 41006002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2014/10/06	07:57:53.80			-24.7300	179.7400				567.0					11	151.57	152.73	m i ke	EMSC
OrigID 41006034																		

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABG1	152.00		PKP	08:16:45.241	-0.1	24.6		2.76		TAS				m_e	
BRG	151.69		PKP	08:16:44.246	-0.1	24.6		2.76		TAS				m_e	
CHRS	151.85		PKP	08:16:44.672	0.1	24.6		2.76		TAS				m_e	
CLL	151.57		PKP	08:16:43.961	0.0	24.6		2.76		TAS				m_e	
HKWD	152.21		PKP	08:16:45.597	-0.2	24.6		2.76		TAS				m_e	
MODW	152.05		PKP	08:16:45.348	0.3	24.6		2.76		TAS				m_e	
PLN	152.55		PKP	08:16:46.450		24.6		2.76		TAS				m_e	
ROHR	152.73		PKP	08:16:47.339		24.6		2.76		TAS				m_e	
TAUT	152.21		PKP	08:16:46.059	0.2	24.6		2.76		TAS				m_e	

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WERD	152.54	PKP	08:16:46.379	24.6	2.76	TAS	m_e
WIMM	151.77	PKP	08:16:44.494	-0.0 24.6	2.76	TAS	m_e

Event 41006008 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/06	11:03:57.96			66.3530	-18.3090				33.0					22.52	22.52	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	41006014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.52		P	11:08:54.441		327.6		10.33		TAS		21.8	1.10	m_e mb	4.6

Event 41006011 Mariana Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/06	14:04:11.00			15.4600	147.1200				40.0					104.38	104.38	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	5.9		BGR	41006017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
GRA1	104.38		PP	14:22:26.446						T__				m_e			
GRA1	104.38		L	15:08:53.530						T__		3457.7	19.30	a_e Ms	5.9		

Event 41006013 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/06	19:03:28.61			65.7230	-19.4140				33.0					22.57	22.57	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	41006019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
GRA1	22.57		P	19:08:25.609		325.6		10.31		TAS		13.8	1.19	m_e mb	4.4		



## Event 41007001 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/07	00:33:47.93			65.3950	-17.8930				33.0					21.86	21.86	m i ke	BGR
OrigID 41007007																	

Magnitude	Err	Nsta	Author	OrigID
mb 4.2			BGR	41007007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.86		P	00:38:37.398		325.7		10.59		TAS		12.8	1.33	m_e mb	4.2

## Event 41007002 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/07	03:51:41.63			64.1070	-18.1790				33.0					21.31	21.31	m i ke	BGR
OrigID 41007008																	

Magnitude	Err	Nsta	Author	OrigID
mb 4.4			BGR	41007008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.31		P	03:56:25.232		322.5		10.65		TAS		34.5	1.69	m_e mb	4.4

## Event 41007003 Off coast of Costa Rica

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/07	04:28:29.84			9.7760	-85.7300				33.0					87.09	87.09	m i ke	BGR
OrigID 41007009																	

Magnitude	Err	Nsta	Author	OrigID
mb 4.7			BGR	41007009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	87.09		P	04:41:12.196		272.6		5.78		TAS		6.9	1.03	m_e mb	4.7

Event 41007004 Chile-Bolivia border region

./2014/bull1410.txt

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/07	05:09:10.50			-19.6700	-69.6500				103.0					99.05	99.05	m i ke	NEIC
OrigID 41007043																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	41007010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	99.05		Pdiff	05:22:49.999						T__		14.6	0.95	m_e mb	5.4

Event 41007007 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/07	10:22:34.49			63.9280	-17.9460				10.0					21.13	21.13	m i ke	BGR
OrigID 41007013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	41007013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.13		P	10:27:18.663		322.2		10.69		TAS		702.4	2.05	m_e mb	5.6

Event 41007009 Myanmar-China border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/07	13:49:44.49			23.4500	99.9700				33.0				34	69.49	74.87	m i ke	BGR
OrigID 41007015																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	41007015
Ms	6.3		BGR	41007015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	74.03		P	14:01:19.913		75.7		6.00		TAS		95.1	1.22	a_e mb	5.7
ASSE	71.43		P	14:01:04.013		75.7		6.00		TAS		133.8	1.48	a_e mb	5.9
BFO	73.91		P	14:01:18.663		75.7		6.00		TAS		125.7	1.40	a_e mb	5.8
BRG	69.73		P	14:00:53.863	0.2	75.7		6.00		TAS		123.3	1.20	a_e mb	5.9
BSEG	71.19		P	14:01:03.213		75.7		6.00		TAS		208.9	1.38	a_e mb	6.1
BUG	73.65		P	14:01:17.463		75.7		6.00		TAS		131.2	1.35	a_e mb	5.8
CLL	70.21		P	14:00:56.513	-0.3	75.7		6.00		TAS		143.2	1.43	a_e mb	5.9
CLZ	71.68		P	14:01:05.963		75.7		6.00		TAS		207.8	1.28	a_e mb	6.1
FBE	70.08		P	14:00:56.413	-0.3	75.7		6.00		TAS		264.2	1.38	a_e mb	6.2

FLT1	71.04	P	14:01:01.313	75.7	6.00	TAS	183.6	1.50	a_e	mb	6.0
FUR	72.07	P	14:01:08.313	75.7	6.00	TAS	384.7	1.39	a_e	mb	6.3
GEC2	70.33	P	14:00:57.913	0.4 75.7	6.00	TAS	213.8	1.46	a_e	mb	6.1
GOR1	70.84	P	14:01:00.863	-0.1 75.7	6.00	TAS	328.5	1.37	a_e	mb	6.3
GRA1	71.70	P	14:01:06.463	75.7	6.00	TAS	272.3	1.53	a_e	mb	6.2
GRA1	71.70	L	14:35:19.168			T__	17250.1	19.50	a_e	Ms	6.3
GTTG	72.00	P	14:01:07.713	75.7	6.00	TAS	158.4	1.28	a_e	mb	6.0
GUNZ	70.84	P	14:01:00.763	-0.5 75.7	6.00	TAS	147.1	1.25	m_e	mb	6.0
IBBN	73.11	P	14:01:14.313	75.7	6.00	TAS	239.7	1.60	a_e	mb	6.1
KAST	73.03	P	14:01:13.813	75.7	6.00	TAS	167.2	1.93	a_e	mb	5.8
MANZ	71.08	P	14:01:02.563	75.7	6.00	TAS	185.4	1.56	a_e	mb	6.0
MOX	71.22	P	14:01:03.013	75.7	6.00	TAS	144.8	1.46	a_e	mb	5.9
NEUB	70.99	P	14:01:01.413	75.7	6.00	TAS	203.1	1.32	a_e	mb	6.1
NRDL	71.67	P	14:01:06.213	75.7	6.00	TAS	294.5	1.48	a_e	mb	6.2
PLN	70.92	P	14:01:01.113	75.7	6.00	TAS	130.8	1.46	a_e	mb	5.9
ROTZ	71.07	P	14:01:02.463	75.7	6.00	TAS	218.1	1.26	a_e	mb	6.1
RUE	69.49	P	14:00:52.413	-0.5 75.7	6.00	TAS	333.3	1.21	a_e	mb	6.3
STU	73.23	P	14:01:15.113	75.7	6.00	TAS	283.9	1.29	a_e	mb	6.2
TANN	70.75	P	14:01:00.113	-0.2 75.7	6.00	TAS	212.0	1.28	a_e	mb	6.1
TNS	73.29	P	14:01:15.363	75.7	6.00	TAS	103.2	1.28	a_e	mb	5.7
UBBA	72.17	P	14:01:08.663	75.7	6.00	TAS	192.7	1.73	a_e	mb	5.9
UBR	72.95	P	14:01:12.863	75.7	6.00	TAS	118.7	1.25	a_e	mb	5.9
WERD	70.84	P	14:01:00.463	0.1 75.7	6.00	TAS	78.5	1.25	a_e	mb	5.7
WERN	70.84	P	14:01:00.763	-0.4 75.7	6.00	TAS	121.9	1.31	a_e	mb	5.9
WET	70.79	P	14:01:00.613	0.5 75.7	6.00	TAS	148.5	1.27	a_e	mb	6.0
WLF	74.87	P	14:01:25.163	75.7	6.00	TAS	313.3	1.33	a_e	mb	6.2

Event 41008001 Gulf of California, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/08	02:40:54.40			23.8200	-108.4200				10.0			16		85.05	89.36	m i ke	NEIC
	41008040																

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	41008007
MBB	5.3		BGR	41008007
Ms	6.3		BGR	41008007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.69		S	03:04:20.630		308.7		9.56		TAS				m_e	
ASSE	87.61		S	03:04:27.502		308.7		9.56		TAS				m_e	
BFO	88.62		S	03:04:37.808		308.7		9.56		TAS				m_e	
BSEG	86.36		S	03:04:15.263	-1.1	308.7		9.56		TAS				m_e	
BUG	86.29		S	03:04:15.263	-0.7	308.7		9.56		TAS				m_e	
CLL	89.26		S	03:04:44.654		308.7		9.56		TAS				m_e	
CLZ	87.63		S	03:04:27.883		308.7		9.56		TAS				m_e	

FLT1	87.77	S	03:04:29.004	308.7	9.56	TAS											m_e
GRA1	89.36	S	03:04:45.635	308.7	9.56	TAS											m_e
GRA1	89.36	P	02:53:49.388	307.2	4.26	TAS	120.1	2.12									m_e mb 5.8
GRA1	89.36	L	03:32:45.229			T__	10919.4	20.67									m_e Ms 6.3
HLG	85.05	S	03:04:03.049	-0.5 308.7	9.56	TAS											m_e
IBBN	86.05	S	03:04:12.592	0.5 308.7	9.56	TAS											m_e
MOX	88.98	S	03:04:41.626	308.7	9.56	TAS											m_e
NEUB	88.72	ScS	03:04:40.837			T__											m_e
RUE	88.90	ScS	03:04:42.364			T__											m_e
SKMB	85.48	S	03:04:09.560	-0.8 308.7	9.56	TAS											m_e
STU	88.84	ScS	03:04:40.455			T__											m_e
TNS	87.60	S	03:04:30.531	308.7	9.56	TAS											m_e
UBBA	88.05	S	03:04:33.228	308.7	9.56	TAS											m_e
WLF	86.69	S	03:04:20.989	0.2 308.7	9.56	TAS											m_e

Event 41008002 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/08	03:04:28.05			31.2610	-39.8100				33.0					42.06	42.31	m i ke	BGR
OrigID 41008008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	41008008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	42.06		P	03:12:16.214		262.1		8.00		TAS		23.8	1.12	m_e mb	4.8
GRB1	42.31		P	03:12:27.909		262.1		8.00		TAS				m_e	

Event 41008003 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/08	15:24:06.62			65.1140	-19.7650				10.0					22.40	22.40	m i ke	BGR
OrigID 41008009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	41008009
MBB	4.3		BGR	41008009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.40		P	15:29:04.459		324.0		10.45		TAS		32.5	1.50	m_e mb	4.5

Event 41008005 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/08	18:49:17.49			64.2560	-14.7110				33.0					20.09	20.09	m i ke	BGR
OrigID 41008011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	41008011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	20.09		P	18:53:48.010		325.1		10.77		TAS		17.0	1.41	m_e	mb 4.1

Event 41009001 Southern East Pacific Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/09	02:14:32.80			-32.1100	-110.7800				16.0					134.06	134.06	m i ke	NEIC
OrigID 41009040																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.8		BGR	41009007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA2	134.06		PKPdf	02:33:48.933		245.1		2.19		TAS				m_e	
GRA2	134.06		PP	02:36:18.800						T__				m_e	
GRA2	134.06		L	03:24:59.971						T__		18403.8	22.00	a_e	Ms 6.8

Event 41009002 Southern East Pacific Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/09	02:32:08.00			-32.2000	-110.8700				10.0					134.18	134.18	m i ke	NEIC
OrigID 41009041																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA2	134.18		PKPdf	02:51:22.573		269.8		2.14		TAS				m_e	

Event 41009004 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID  
 2014/10/09 04:37:50.10 63.2060 -12.8510 33.0 18.81 18.81 m i ke BGR  
 41009010

Magnitude Err Nsta Author OrigID  
 mb 4.8 BGR 41009010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	18.81		P	04:42:06.713		323.9		10.87		TAS		113.1	1.72	m_e mb	4.8

Event 41009005 Southern East Pacific Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/09	08:14:23.50			-32.6700	-111.6300				10.0					134.88	134.88	m i ke	NEIC

OrigID  
 41009044

Magnitude Err Nsta Author OrigID  
 Ms 5.2 BGR 41009011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	134.88		PKP	08:33:43.398		269.9		2.09		TAS				m_e	
GRA1	134.88		L	09:37:54.175						T__		474.0	19.70	a_e Ms	5.2

Event 41009006 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/09	11:33:46.65			-23.5300	-179.4100				33.0				27	148.76	152.69	m i ke	BGR

OrigID  
 41009012

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.42		PKPbc	11:53:34.623	-0.1	20.0		2.37		TAS				m_e	
ASSE	150.42		PKPab	11:53:40.455		20.0		2.37		TAS				m_e	
BRG	150.80		PKPbc	11:53:35.674	-0.1	20.0		2.37		TAS				m_e	
BRG	150.80		PKPab	11:53:42.736		20.0		2.37		TAS				m_e	
BSEG	148.76		PKPbc	11:53:30.531	-0.3	20.0		2.37		TAS				m_e	
BSEG	148.76		PKPab	11:53:34.706		20.0		2.37		TAS				m_e	
BUG	151.66		PKPbc	11:53:37.561	-0.3	20.0		2.37		TAS				m_e	
CLL	150.66		PKPbc	11:53:35.095	-0.4	20.0		2.37		TAS				m_e	
CLL	150.66		PKPab	11:53:41.651		20.0		2.37		TAS				m_e	
CLZ	150.75		PKPbc	11:53:35.770	0.3	20.0		2.37		TAS				m_e	
FBE	150.92		PKPbc	11:53:36.337	0.1	20.0		2.37		TAS				m_e	

FBE	150.92	PKPab	11:53:42.999		20.0		2.37	TAS		m_e
FLT1	150.11	PKPbc	11:53:33.747	-0.2	20.0		2.37	TAS		m_e
FLT1	150.11	PKPab	11:53:39.324		20.0		2.37	TAS		m_e
GEC2	152.69	PKPbc	11:53:40.016		20.0		2.37	TAS		m_e
GOR1	149.47	PKPbc	11:53:32.932	0.4	20.0		2.37	TAS		m_e
GRA1	152.59	PKPbc	11:53:39.736	-0.1	20.0		2.37	TAS		m_e
GTTG	151.11	PKPbc	11:53:36.579	0.3	20.0		2.37	TAS		m_e
GUNZ	151.69	PKPbc	11:53:37.775	-0.1	20.0		2.37	TAS		m_e
GUNZ	151.69	PKPab	11:53:46.982		20.0		2.37	TAS		m_e
IBBN	150.75	PKPbc	11:53:35.635	-0.2	20.0		2.37	TAS		m_e
IBBN	150.75	PKPab	11:53:42.315		20.0		2.37	TAS		m_e
KAST	151.72	PKPbc	11:53:38.151	-0.1	20.0		2.37	TAS		m_e
MANZ	152.09	PKPbc	11:53:38.778	0.3	20.0		2.37	TAS		m_e
MANZ	152.09	PKPab	11:53:47.934		20.0		2.37	TAS		m_e
MOX	151.61	PKPbc	11:53:37.388	-0.1	20.0		2.37	TAS		m_e
MOX	151.61	PKPab	11:53:45.783		20.0		2.37	TAS		m_e
NEUB	151.06	PKPbc	11:53:36.174	-0.0	20.0		2.37	TAS		m_e
NEUB	151.06	PKPab	11:53:43.673		20.0		2.37	TAS		m_e
NRDL	150.18	PKPbc	11:53:33.747	-0.2	20.0		2.37	TAS		m_e
PLN	151.62	PKPbc	11:53:37.400	0.0	20.0		2.37	TAS		m_e
PLN	151.62	PKPab	11:53:46.326		20.0		2.37	TAS		m_e
ROTZ	152.27	PKPbc	11:53:39.148	-0.1	20.0		2.37	TAS		m_e
RUE	149.39	PKPbc	11:53:32.151	0.0	20.0		2.37	TAS		m_e
TANN	151.61	PKPbc	11:53:37.508	0.6	20.0		2.37	TAS		m_e
TANN	151.61	PKPab	11:53:46.126		20.0		2.37	TAS		m_e
TNS	152.66	PKPbc	11:53:39.880	0.0	20.0		2.37	TAS		m_e
WERD	151.62	PKPbc	11:53:37.599	0.0	20.0		2.37	TAS		m_e
WERD	151.62	PKPab	11:53:46.539		20.0		2.37	TAS		m_e
WERN	151.75	PKPbc	11:53:38.460	0.5	20.0		2.37	TAS		m_e
WERN	151.75	PKPab	11:53:47.127		20.0		2.37	TAS		m_e
WET	152.66	PKPab	11:53:50.607		20.0		2.37	TAS		m_e

Event 41009008 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/09	19:13:12.51			64.6830	-19.7550				33.0					22.19	22.19	m i ke	BGR
41009014																	

Magnitude Err Nsta Author OrigID  
mb 4.3 BGR 41009014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.19		P	19:18:05.451		323.0		10.51		TAS		12.3	1.06	m_e mb	4.3

Event 41009009 Philippine Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/09	19:20:09.75			19.9050	120.1210				33.0					86.59	86.59	m i ke	BGR
OrigID 41009015																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	41009015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	86.59		P	19:32:49.212		68.8		4.72		TAS		5.4	1.02	m_e mb	4.6

Event 41009010 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/09	21:22:03.33			65.6010	-19.6070				33.0					22.58	22.58	m i ke	BGR
OrigID 41009016																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	41009016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.58		P	21:27:00.404		325.2		10.30		TAS		17.0	1.15	m_e mb	4.5

Event 41010002 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/10	07:33:08.91			44.5000	148.5000				33.0				23	75.64	81.18	m i ke	BGR
OrigID 41010008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	41010008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.58		P	07:45:15.064		29.6		5.50		TAS		10.6	0.81	m_e mb	4.8
BFO	81.17		P	07:45:22.908		29.6		5.50		TAS		16.3	0.93	m_e mb	5.0
BRG	77.16		P	07:45:00.847	0.3	29.6		5.50		TAS		4.8	0.88	m_e mb	4.6
BSEG	75.64		P	07:44:53.250	-0.4	29.6		5.50		TAS		14.5	0.84	m_e mb	5.1
BUG	78.72		P	07:45:09.552		29.6		5.50		TAS		9.9	0.72	m_e mb	4.9
CLL	77.09		P	07:45:00.456	-0.5	29.6		5.50		TAS		17.8	0.80	m_e mb	5.2
CLZ	77.45		P	07:45:01.920		29.6		5.50		TAS		11.7	0.82	m_e mb	5.1
FBE	77.31		P	07:45:02.300	0.2	29.6		5.50		TAS		11.2	0.86	m_e mb	5.0



Station	Mag	Type	Time	Lat	Long	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
FLT1	76.76	P	07:44:58.481	-0.1	29.6		5.50		TAS	17.3	0.93	m_e	mb			5.2	
FUR	80.38	P	07:45:19.181		29.6		5.50		TAS	32.5	0.86	m_e	mb			5.3	
GEC2	78.97	P	07:45:11.034		29.6		5.50		TAS	8.8	0.79	m_e	mb			4.8	
GRA1	79.06	P	07:45:12.361		29.6		5.50		TAS	22.9	0.80	m_e	mb			5.3	
GTTG	77.84	P	07:45:05.203	-0.1	29.6		5.50		TAS	10.8	0.87	m_e	mb			5.0	
GUNZ	78.12	P	07:45:06.799	0.3	29.6		5.50		TAS	6.5	0.77	m_e	mb			4.8	
IBBN	77.81	P	07:45:04.453	0.5	29.6		5.50		TAS	12.0	0.73	m_e	mb			5.1	
KAST	78.60	P	07:45:09.307		29.6		5.50		TAS	6.0	0.81	m_e	mb			4.7	
MANZ	78.52	P	07:45:08.877		29.6		5.50		TAS	7.6	0.89	m_e	mb			4.7	
MOX	78.11	P	07:45:05.986	0.6	29.6		5.50		TAS	4.3	0.76	m_e	mb			4.7	
NEUB	77.58	P	07:45:03.446	-0.2	29.6		5.50		TAS	17.9	0.87	m_e	mb			5.2	
NRDL	76.96	P	07:44:59.663	-0.3	29.6		5.50		TAS	5.0	0.80	m_e	mb			4.7	
ROTZ	78.68	P	07:45:10.048		29.6		5.50		TAS	7.2	0.84	m_e	mb			4.7	
STU	80.51	P	07:45:18.938		29.6		5.50		TAS	18.5	0.74	m_e	mb			5.2	
TANN	78.04	P	07:45:05.771		29.6		5.50		TAS	8.9	0.80	m_e	mb			4.9	
TNS	79.46	P	07:45:13.831		29.6		5.50		TAS	9.8	0.84	m_e	mb			4.9	
UBR	81.18	P	07:45:22.538		29.6		5.50		TAS	5.9	0.77	m_e	mb			4.7	
WERN	78.17	P	07:45:06.756		29.6		5.50		TAS	8.3	0.81	m_e	mb			4.9	
WET	78.99	P	07:45:11.665		29.6		5.50		TAS	19.8	0.91	m_e	mb			5.1	

Event 41010003 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/10	11:26:45.90			63.5000	-12.5000				33.0			25		16.25	20.47	m i ke	BGR
OrigID 41010009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	41010009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	16.68	P		11:30:34.179	0.3	326.1		11.04		TAS		263.2	2.45	m_e	mb	4.9
BFO	19.02	P		11:31:03.135		326.1		11.04		TAS		328.5	2.76	a_e	mb	5.1
BRG	18.92	P		11:31:01.935		326.1		11.04		TAS		562.8	2.89	m_e	mb	5.3
CLL	18.22	P		11:30:54.435	1.2	326.1		11.04		TAS		114.1	1.83	a_e	mb	4.7
CLZ	16.79	P		11:30:38.830	0.7	326.1		11.04		TAS		77.1	1.28	m_e	mb	4.7
FBE	18.66	P		11:30:59.235	-0.3	326.1		11.04		TAS		578.6	2.69	a_e	mb	5.3
FLT1	16.73	P		11:30:37.289	0.0	326.1		11.04		TAS		140.9	2.04	m_e	mb	4.7
GEC2	20.47	P		11:31:18.247		326.1		11.04		TAS		624.0	3.34	m_e	mb	5.3
GOR1	16.25	P		11:30:33.485	0.8	326.1		11.04		TAS		261.6	1.56	a_e	mb	5.1
GRA1	18.86	P		11:31:01.685		326.1		11.04		TAS		623.6	2.88	a_e	mb	5.3
GTTG	16.88	P		11:30:38.685	-0.0	326.1		11.04		TAS		95.6	1.54	m_e	mb	4.7
GUNZ	18.71	P		11:30:59.785	-1.0	326.1		11.04		TAS		788.8	3.11	a_e	mb	5.4
KAST	16.60	P		11:30:35.712	0.5	326.1		11.04		TAS		481.5	3.20	m_e	mb	5.1
MANZ	18.94	P		11:31:02.185		326.1		11.04		TAS		343.2	2.92	a_e	mb	5.1
MOX	18.22	P		11:30:54.735	-0.3	326.1		11.04		TAS		54.1	1.26	a_e	mb	4.5
NEUB	17.83	P		11:30:50.485	0.8	326.1		11.04		TAS		62.4	1.07	a_e	mb	4.7

PLN	18.55	P	11:30:58.035	-0.2	326.1	11.04	TAS	588.9	2.81	a_e	mb	5.3
ROTZ	19.16	P	11:31:04.635		326.1	11.04	TAS	151.8	2.18	a_e	mb	4.8
STU	18.92	P	11:31:02.385		326.1	11.04	TAS	50.4	1.01	a_e	mb	4.7
TANN	18.72	P	11:30:59.935		326.1	11.04	TAS	1547.5	3.07	a_e	mb	5.7
TNS	17.43	P	11:30:45.723	-0.0	326.1	11.04	TAS	485.7	3.13	m_e	mb	5.1
UBBA	17.48	P	11:30:47.285	0.0	326.1	11.04	TAS	118.1	2.25	a_e	mb	4.6
UBR	20.17	P	11:31:15.086		326.1	11.04	TAS	286.4	2.17	m_e	mb	5.1
WERN	18.79	P	11:31:00.685		326.1	11.04	TAS	949.1	3.17	a_e	mb	5.5
WET	19.92	P	11:31:12.293		326.1	11.04	TAS	110.2	2.01	m_e	mb	4.7

Event 41010004 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/10	21:04:51.19	3.55	0.58	65.9060	-18.1390	68.9	60.0	159	10.0			20	348	20.03	23.80	m i ke	BGR
41010010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	41010010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	20.10		P	21:09:25.063	1.1					T__		72.4	1.66	m_e	mb	4.6
BFO	22.43		P	21:09:47.361	-1.4					T__		22.7	1.13	m_e	mb	4.5
BRG	22.20		P	21:09:46.472	0.0					T__		50.3	1.63	m_e	mb	4.7
CLL	21.50		P	21:09:39.324	0.1					T__		42.7	1.49	m_e	mb	4.7
CLZ	20.12		P	21:09:24.201	-0.0					T__		32.7	1.19	m_e	mb	4.4
FBE	21.95		P	21:09:44.234	0.4					T__		44.9	1.32	m_e	mb	4.7
FLT1	20.03		P	21:09:22.562	-0.6					T__		36.2	1.67	m_e	mb	4.3
GEC2	23.80		P	21:10:03.460	1.1					T__		42.3	1.43	m_e	mb	4.8
GRA1	22.22		P	21:09:46.734	0.1					T__		45.3	1.19	m_e	mb	4.8
GUNZ	22.04		P	21:09:44.812	-0.0					T__		216.9	2.54	m_e	mb	5.1
MANZ	22.28		P	21:09:46.969	-0.3					T__		18.8	1.35	m_e	mb	4.3
MOX	21.55		P	21:09:39.153	-0.6					T__		103.9	2.19	m_e	mb	4.9
NEUB	21.15		P	21:09:35.573	0.1					T__		59.4	1.18	m_e	mb	4.8
PLN	21.88		P	21:09:43.042	-0.1					T__		96.6	1.98	m_e	mb	4.9
ROTZ	22.50		P	21:09:48.519	-1.0					T__		29.2	1.58	m_e	mb	4.5
TANN	22.05		P	21:09:44.921	0.1					T__		177.6	2.00	m_e	mb	5.1
UBBA	20.85		P	21:09:32.608	0.5					T__		61.4	1.88	m_e	mb	4.6
UBR	23.58		P	21:10:00.656	0.5					T__		95.5	2.04	m_e	mb	5.0
WERN	22.12		P	21:09:45.712	0.1					T__		70.0	1.56	m_e	mb	4.9
WET	23.26		P	21:09:57.149	0.1					T__		37.7	1.71	m_e	mb	4.6

Event 41010005 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID  
 2014/10/10 22:21:10.93 -22.5600 -179.9700 580.0 21 147.72 152.85 m i ke BGR  
 41010011

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	149.73		PKPbc	22:39:55.695	0.2	20.3		2.41		TAS				m_e		
BSEG	147.72		PKPbc	22:39:50.669	-0.4	20.3		2.41		TAS				m_e		
CLL	149.58		PKPbc	22:39:55.340	0.1	20.3		2.41		TAS				m_e		
CLZ	149.69		PKPbc	22:39:55.998	0.0	20.3		2.41		TAS				m_e		
FBE	149.84		PKPbc	22:39:56.454	-0.0	20.3		2.41		TAS				m_e		
FLT1	149.05		PKPbc	22:39:53.767	0.4	20.3		2.41		TAS				m_e		
GEC2	151.61		PKPbc	22:40:00.022		20.3		2.41		TAS				m_e		
GTTG	150.06		PKPbc	22:39:56.833	0.0	20.3		2.41		TAS				m_e		
GUNZ	150.62		PKPbc	22:39:58.044	0.0	20.3		2.41		TAS				m_e		
KAST	150.67		PKPbc	22:39:57.960		20.3		2.41		TAS				m_e		
MANZ	151.03		PKPbc	22:39:58.896		20.3		2.41		TAS				m_e		
MOX	150.54		PKPbc	22:39:57.659	-0.5	20.3		2.41		TAS				m_e		
NEUB	149.99		PKPbc	22:39:56.518	-0.2	20.3		2.41		TAS				m_e		
NRDL	149.13		PKPbc	22:39:53.780	0.2	20.3		2.41		TAS				m_e		
ROTZ	151.20		PKPbc	22:39:59.179		20.3		2.41		TAS				m_e		
STU	152.85		PKPbc	22:40:03.129		20.3		2.41		TAS				m_e		
TANN	150.54		PKPbc	22:39:57.791	-0.1	20.3		2.41		TAS				m_e		
TNS	151.61		PKPbc	22:40:00.155		20.3		2.41		TAS				m_e		
UBBA	150.74		PKPbc	22:39:57.898		20.3		2.41		TAS				m_e		
WERN	150.68		PKPbc	22:39:58.238		20.3		2.41		TAS				m_e		
WLF	152.52		PKPbc	22:40:02.585		20.3		2.41		TAS				m_e		

Event 41011001 Hokkaido, Japan, region  
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID  
 2014/10/11 02:35:49.35 41.5230 143.4570 10.0 35 75.24 82.14 m i ke BGR  
 41011007

Magnitude Err Nsta Author OrigID  
 mb 5.8 BGR 41011007  
 Ms 6.5 BGR 41011007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	80.70		P	02:48:00.653	-0.1	34.3		5.43		TAS		89.6	1.20	m_e mb	5.7	
ASSE	78.14		P	02:47:46.692	0.2	34.3		5.43		TAS		147.6	1.55	m_e mb	5.9	
BFO	82.14		P	02:48:08.140		34.3		5.43		TAS		128.4	1.53	a_e mb	5.8	
BRG	77.98		P	02:47:45.628	-0.5	34.3		5.43		TAS		114.5	1.45	m_e mb	5.8	
BSEG	76.76		P	02:47:39.292	0.1	34.3		5.43		TAS		110.0	1.11	m_e mb	5.9	
BUG	79.87		P	02:47:55.840	-0.0	34.3		5.43		TAS		99.4	1.16	a_e mb	5.6	

CLL	77.98	P	02:47:45.390	-0.1	34.3	5.43	TAS	93.4	1.10	m_e	mb	5.8
CLZ	78.48	P	02:47:48.790	-0.2	34.3	5.43	TAS	127.0	1.29	a_e	mb	5.9
FBE	78.16	P	02:47:47.076	0.2	34.3	5.43	TAS	175.2	1.65	m_e	mb	5.9
FLT1	77.77	P	02:47:44.263	-0.3	34.3	5.43	TAS	113.6	1.14	m_e	mb	5.9
FUR	81.20	P	02:48:03.548	-0.1	34.3	5.43	TAS	250.9	1.57	m_e	mb	6.0
GEC2	79.71	P	02:47:55.254	0.4	34.3	5.43	TAS	85.6	1.57	m_e	mb	5.4
GOR1	77.21	P	02:47:41.790	0.1	34.3	5.43	TAS	198.6	1.27	a_e	mb	6.1
GRA1	79.96	P	02:47:57.135	0.1	34.3	5.43	TAS	201.1	1.29	m_e	mb	5.9
GRA1	79.96	L	03:26:49.292				T__	21052.9	19.40	a_e	Ms	6.5
GTTG	78.87	P	02:47:50.812	-0.1	34.3	5.43	TAS	85.6	1.28	m_e	mb	5.6
GUNZ	79.00	P	02:47:51.546	-0.0	34.3	5.43	TAS	116.3	1.61	m_e	mb	5.7
IBBN	78.97	P	02:47:51.259	0.2	34.3	5.43	TAS	161.4	1.22	m_e	mb	5.9
KAST	79.69	P	02:47:55.140	-0.2	34.3	5.43	TAS	71.3	1.34	m_e	mb	5.4
MANZ	79.39	P	02:47:53.550	0.4	34.3	5.43	TAS	79.5	1.28	m_e	mb	5.6
MOX	79.03	P	02:47:51.563	0.0	34.3	5.43	TAS	96.7	1.52	m_e	mb	5.6
MOX	79.03	L	03:26:30.143				T__	23586.4	18.40	a_e	Ms	6.6
NEUB	78.52	P	02:47:48.652	0.1	34.3	5.43	TAS	101.6	1.12	m_e	mb	5.8
NRDL	78.03	P	02:47:46.040	0.0	34.3	5.43	TAS	140.5	1.69	a_e	mb	5.8
PLN	78.96	P	02:47:51.196	0.1	34.3	5.43	TAS	585.7	2.84	m_e	mb	6.1
RGN	75.24	P	02:47:30.490	-0.5	34.3	5.43	TAS	162.1	1.16	a_e	mb	5.9
ROTZ	79.53	P	02:47:54.694	0.1	34.3	5.43	TAS	154.7	1.63	m_e	mb	5.7
RUE	76.75	P	02:47:39.078	-0.1	34.3	5.43	TAS	167.3	1.30	m_e	mb	6.0
SKMB	76.40	P	02:47:37.640	0.5	34.3	5.43	TAS	188.2	1.16	a_e	mb	6.1
STU	81.46	P	02:48:04.712	-0.4	34.3	5.43	TAS	114.1	1.12	m_e	mb	5.8
TANN	78.91	P	02:47:50.868	-0.0	34.3	5.43	TAS	1251.0	3.05	m_e	mb	6.4
TNS	80.50	P	02:47:59.540	0.2	34.3	5.43	TAS	69.7	1.31	a_e	mb	5.5
UBBA	79.46	P	02:47:53.740	-0.0	34.3	5.43	TAS	637.3	2.98	a_e	mb	6.1
UBR	82.04	P	02:48:07.590		34.3	5.43	TAS	125.0	1.66	a_e	mb	5.8
WERN	79.04	P	02:47:51.903	-0.2	34.3	5.43	TAS	121.4	1.73	m_e	mb	5.6
WET	79.79	P	02:47:56.087	0.5	34.3	5.43	TAS	107.6	1.41	m_e	mb	5.6
WLF	81.76	P	02:48:06.239	-0.3	34.3	5.43	TAS	146.1	1.81	m_e	mb	5.8

Event 41011002 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/11	05:20:42.57			41.5620	143.2770				33.0			34		75.14	82.04	m i ke	BGR
41011008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	41011008
Ms	5.7		BGR	41011008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	80.60		P	05:32:48.876	0.0	34.4		5.43		TAS		59.8	1.34	a_e	mb	5.4
ASSE	78.04		P	05:32:35.076	0.0	34.4		5.43		TAS		39.3	1.15	m_e	mb	5.4
BFO	82.04		P	05:32:56.476		34.4		5.43		TAS		51.4	1.27	m_e	mb	5.5

BRG	77.88	P	05:32:34.026	-0.6	34.4	5.43	TAS	36.3	1.21	a_e	mb	5.4
BSEG	76.67	P	05:32:27.791	0.2	34.4	5.43	TAS	66.1	1.07	m_e	mb	5.7
BUG	79.77	P	05:32:44.361	0.0	34.4	5.43	TAS	69.5	1.27	m_e	mb	5.4
CLL	77.88	P	05:32:33.676	-0.1	34.4	5.43	TAS	57.7	1.08	a_e	mb	5.6
CLZ	78.38	P	05:32:37.280	-0.2	34.4	5.43	TAS	71.7	1.15	m_e	mb	5.7
FBE	78.06	P	05:32:35.279	0.3	34.4	5.43	TAS	51.4	1.16	m_e	mb	5.5
FLT1	77.68	P	05:32:32.631	-0.3	34.4	5.43	TAS	65.7	1.09	m_e	mb	5.7
FUR	81.10	P	05:32:51.998	-0.4	34.4	5.43	TAS	86.3	1.06	m_e	mb	5.7
GEC2	79.61	P	05:32:43.664	0.4	34.4	5.43	TAS	27.3	1.18	m_e	mb	5.1
GOR1	77.11	P	05:32:30.369	0.3	34.4	5.43	TAS	95.3	1.27	m_e	mb	5.8
GRA1	79.86	P	05:32:45.536	-0.1	34.4	5.43	TAS	87.7	1.11	m_e	mb	5.6
GRA1	79.86	L	06:11:38.000				T__	2942.1	19.20	a_e	Ms	5.6
GTTG	78.77	P	05:32:39.291	-0.0	34.4	5.43	TAS	52.8	1.12	m_e	mb	5.5
GUNZ	78.90	P	05:32:39.813	0.0	34.4	5.43	TAS	32.7	1.14	m_e	mb	5.3
IBBN	78.88	P	05:32:39.766	0.2	34.4	5.43	TAS	76.1	1.06	m_e	mb	5.7
KAST	79.59	P	05:32:43.578	-0.1	34.4	5.43	TAS	38.9	1.17	m_e	mb	5.2
MANZ	79.29	P	05:32:42.086	0.4	34.4	5.43	TAS	33.1	1.17	m_e	mb	5.3
MOX	78.93	P	05:32:39.968	0.2	34.4	5.43	TAS	33.3	1.18	m_e	mb	5.3
MOX	78.93	L	06:11:18.612				T__	3319.1	18.10	a_e	Ms	5.7
NEUB	78.42	P	05:32:37.018	0.2	34.4	5.43	TAS	63.2	1.06	m_e	mb	5.7
NRDL	77.93	P	05:32:34.376	-0.0	34.4	5.43	TAS	30.3	1.13	a_e	mb	5.3
PLN	78.86	P	05:32:39.576	0.2	34.4	5.43	TAS	27.5	1.16	a_e	mb	5.2
RGN	75.14	P	05:32:19.186	-0.2	34.4	5.43	TAS	95.1	1.18	m_e	mb	5.7
ROTZ	79.43	P	05:32:43.073	0.1	34.4	5.43	TAS	47.7	1.26	m_e	mb	5.4
RUE	76.65	P	05:32:27.560	-0.1	34.4	5.43	TAS	103.5	1.39	m_e	mb	5.8
SKMB	76.31	P	05:32:25.839	0.2	34.4	5.43	TAS	200.5	1.27	m_e	mb	6.1
TANN	78.81	P	05:32:39.272	-0.0	34.4	5.43	TAS	54.6	1.35	m_e	mb	5.4
TNS	80.41	P	05:32:47.970	0.2	34.4	5.43	TAS	37.5	1.19	m_e	mb	5.2
UBBA	79.36	P	05:32:41.951	0.0	34.4	5.43	TAS	41.8	1.65	m_e	mb	5.2
UBR	81.94	P	05:32:55.950		34.4	5.43	TAS	30.9	1.39	m_e	mb	5.2
WERN	78.94	P	05:32:40.259	-0.4	34.4	5.43	TAS	35.2	1.14	m_e	mb	5.3
WET	79.69	P	05:32:44.503	0.5	34.4	5.43	TAS	50.9	1.17	m_e	mb	5.3
WLF	81.66	P	05:32:54.776		34.4	5.43	TAS	40.4	1.36	a_e	mb	5.4

Event 41011003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/11	07:44:06.93			-19.9800	-178.6800				600.0			22		145.41	151.46	m i ke	BGR
41011009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.09		PKPbc	08:02:43.918	0.3	15.7		2.43		TAS				m_e	
BFO	151.16		PKPbc	08:02:52.845		15.7		2.43		TAS				m_e	
BFO	151.16		PKPab	08:03:03.883		15.7		2.43		TAS				m_e	

BRG	147.60	PKPbc	08:02:45.408	0.0	15.7	2.43	TAS	m_e
BRG	147.60	PKPab	08:02:49.773		15.7	2.43	TAS	m_e
BSEG	145.41	PKPbc	08:02:39.131	0.5	15.7	2.43	TAS	m_e
CLL	147.41	PKPbc	08:02:44.595	-0.2	15.7	2.43	TAS	m_e
CLL	147.41	PKPab	08:02:48.394		15.7	2.43	TAS	m_e
CLZ	147.42	PKPbc	08:02:44.998	0.1	15.7	2.43	TAS	m_e
FBE	147.69	PKPbc	08:02:45.796	0.0	15.7	2.43	TAS	m_e
FLT1	146.80	PKPbc	08:02:42.756	-0.1	15.7	2.43	TAS	m_e
GEC2	149.53	PKPbc	08:02:50.051		15.7	2.43	TAS	m_e
GTTG	147.77	PKPbc	08:02:45.809	0.2	15.7	2.43	TAS	m_e
GTTG	147.77	PKPab	08:02:50.412		15.7	2.43	TAS	m_e
GUNZ	148.45	PKPbc	08:02:47.348	-0.7	15.7	2.43	TAS	m_e
GUNZ	148.45	PKPab	08:02:52.768		15.7	2.43	TAS	m_e
IBBN	147.35	PKPbc	08:02:44.159		15.7	2.43	TAS	m_e
KAST	148.34	PKPbc	08:02:47.136		15.7	2.43	TAS	m_e
MANZ	148.85	PKPbc	08:02:48.653	-0.9	15.7	2.43	TAS	m_e
MOX	148.33	PKPbc	08:02:47.145	0.0	15.7	2.43	TAS	m_e
NEUB	147.78	PKPbc	08:02:45.562	0.2	15.7	2.43	TAS	m_e
ROTZ	149.03	PKPbc	08:02:49.085	-0.3	15.7	2.43	TAS	m_e
TANN	148.37	PKPbc	08:02:47.214	0.3	15.7	2.43	TAS	m_e
TNS	149.30	PKPbc	08:02:49.503		15.7	2.43	TAS	m_e
UBBA	148.47	PKPbc	08:02:47.129		15.7	2.43	TAS	m_e
UBR	151.46	PKPbc	08:02:54.258		15.7	2.43	TAS	m_e
WERN	148.51	PKPbc	08:02:47.928	0.2	15.7	2.43	TAS	m_e
WERN	148.51	PKPab	08:02:53.622		15.7	2.43	TAS	m_e
WET	149.46	PKPbc	08:02:49.985		15.7	2.43	TAS	m_e
WET	149.46	PKPab	08:02:57.834		15.7	2.43	TAS	m_e
WLF	150.13	PKPbc	08:02:51.870		15.7	2.43	TAS	m_e

Event 41011004 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/11	11:30:13.73	2.31	1.64	65.5690	-18.0820	106.7	81.2	13	10.0			26	348	17.15	23.35	m i ke	BGR
41011010																	

Magnitude Err Nsta Author  
mb 4.2 BGR

OrigID  
41011010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	19.88		P	11:34:45.321	1.3					T__		11.1	0.92	m_e mb	4.1
ASSE	19.81		P	11:34:39.660	-3.5					T__		14.9	1.12	m_e mb	4.1
BFO	22.20		P	11:35:08.513	-0.5					T__		9.5	0.94	m_e mb	4.2
BRG	22.03		P	11:35:07.546	0.3					T__		12.9	0.94	m_e mb	4.3
BSEG	18.25		P	11:34:23.825	-1.1					T__		12.7	1.02	m_e mb	4.0
BUG	19.18		P	11:34:34.318	-1.6					T__		8.5	0.83	m_e mb	4.0
CLL	21.33		P	11:34:59.944	0.1					T__		13.7	1.17	m_e mb	4.2

Station	Time	Phase	Time	Residual	Type	Amplitude	Phase	Distance	Quality
CLZ	19.93	P	11:34:45.127	0.5	T__	20.4	0.98	m_e mb	4.3
FBE	21.77	P	11:35:04.740	0.2	T__	10.6	0.83	m_e mb	4.3
FLT1	19.85	P	11:34:42.349	-1.4	T__	6.3	0.89	m_e mb	3.8
GRA1	22.02	P	11:35:07.814		T__	10.7	0.87	m_e mb	4.3
GTTG	20.03	P	11:34:46.958	1.3	T__	13.8	0.88	m_e mb	4.2
GUNZ	21.85	P	11:35:05.519	0.1	T__	19.5	1.11	m_e mb	4.4
HLG	17.15	P	11:34:17.405	6.0	T__	178.5	1.11	m_e mb	5.1
IBBN	18.62	P	11:34:27.064	-2.4	T__	5.5	0.63	m_e mb	3.9
KAST	19.77	P	11:34:42.092	-0.7	T__	8.4	1.00	m_e mb	3.9
MANZ	22.09	P	11:35:08.028	0.2	T__	6.0	1.04	m_e mb	4.0
MOX	21.36	P	11:35:00.283	0.0	T__	6.1	0.83	m_e mb	4.0
NEUB	20.97	P	11:34:56.645	0.6	T__	23.4	0.95	m_e mb	4.5
NRDL	19.31	P	11:34:35.325	-2.1	T__	14.3	0.95	m_e mb	4.2
ROTZ	22.30	P	11:35:09.898	-0.1	T__	7.6	1.16	m_e mb	4.0
STU	22.10	P	11:35:08.269	0.3	T__	14.7	0.85	m_e mb	4.4
TANN	21.86	P	11:35:05.730	0.3	T__	25.5	0.99	m_e mb	4.6
UBBA	20.64	P	11:34:53.060	0.6	T__	26.5	1.56	m_e mb	4.3
UBR	23.35	P	11:35:21.288	0.7	T__	10.3	0.95	m_e mb	4.3
WERN	21.93	P	11:35:06.537	0.3	T__	24.5	1.06	m_e mb	4.6
WET	23.07	P	11:35:18.368	0.7	T__	4.2	0.92	m_e mb	4.0

Event 41011006 Oaxaca, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/11	16:46:00.95			16.0300	-96.1100				33.0			22		85.65	90.53	m i ke	BGR
OrigID 41011012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	41011012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	85.91	P		16:58:38.182	0.5	293.3		4.79		TAS		21.5	0.95	m_e mb	5.3
ASSE	87.43	P		16:58:43.811	-0.1	293.3		4.79		TAS		19.6	1.17	m_e mb	5.1
BFO	87.46	P		16:58:43.846	-0.6	293.3		4.79		TAS		9.5	1.07	m_e mb	4.8
BRG	89.81	P		16:58:55.443		293.3		4.79		TAS		6.4	1.00	m_e mb	4.8
BSEG	86.53	P		16:58:40.760	0.7	293.3		4.79		TAS		21.5	0.98	m_e mb	5.2
CLL	89.08	P		16:58:52.605		293.3		4.79		TAS		4.8	0.98	m_e mb	4.7
FLT1	87.67	P		16:58:45.591	0.2	293.3		4.79		TAS		5.4	0.87	m_e mb	4.9
GEC2	90.53	P		16:58:59.881		293.3		4.79		TAS		4.7	1.02	m_e mb	4.8
GTTG	87.24	P		16:58:44.515	1.2	293.3		4.79		TAS		24.2	1.10	m_e mb	5.2
GUNZ	89.09	P		16:58:53.250		293.3		4.79		TAS		5.2	1.04	m_e mb	4.7
IBBN	85.69	P		16:58:36.564	0.4	293.3		4.79		TAS		35.5	1.10	m_e mb	5.4
KAST	86.47	P		16:58:37.950	0.3	293.3		4.79		TAS		31.2	1.25	m_e mb	5.3
MANZ	89.11	P		16:58:52.215		293.3		4.79		TAS		1.9	0.76	m_e mb	4.4
NRDL	86.96	P		16:58:42.837	-1.0	293.3		4.79		TAS		12.5	0.95	m_e mb	5.0
ROTZ	89.26	P		16:58:53.526		293.3		4.79		TAS		2.0	0.90	m_e mb	4.4

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TANN	89.14	P	16:58:53.034	293.3	4.79	TAS	14.2	1.03	m_e	mb	5.1
TNS	86.84	P	16:58:42.399	-0.9 293.3	4.79	TAS	16.9	0.94	m_e	mb	5.2
UBBA	87.54	P	16:58:46.313	0.1 293.3	4.79	TAS	20.0	1.32	m_e	mb	5.3
UBR	88.81	P	16:58:51.192	293.3	4.79	TAS	6.6	0.87	m_e	mb	4.9
WERN	89.14	P	16:58:53.219	293.3	4.79	TAS	6.0	0.97	m_e	mb	4.8
WET	89.91	P	16:58:57.136	293.3	4.79	TAS	5.4	0.97	m_e	mb	4.7
WLF	85.65	P	16:58:36.626	0.7 293.3	4.79	TAS	31.4	1.01	m_e	mb	5.4

Event 41011007 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/11	19:33:51.03	2.82	0.90	65.9320	-19.0150	86.7	65.6	19	10.0			18	349	17.67	24.13	m i ke	BGR
OrigID 41011013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	41011013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	20.40	P		19:38:27.710	0.6					T__		25.8	1.25	m_e	mb	4.3
BFO	22.73	P		19:38:50.978	-0.7					T__		18.8	1.18	m_e	mb	4.5
BRG	22.54	P		19:38:49.899	0.2					T__		23.0	1.18	m_e	mb	4.6
CLL	21.84	P		19:38:42.220	-0.3					T__		23.2	1.42	m_e	mb	4.4
CLZ	20.45	P		19:38:27.378	-0.3					T__		29.9	1.29	m_e	mb	4.4
FBE	22.28	P		19:38:47.425	0.3					T__		97.8	2.43	m_e	mb	4.8
GEC2	24.13	P		19:39:06.800	1.5					T__		13.9	1.37	m_e	mb	4.3
GRA1	22.54	P		19:38:49.502						T__		41.2	1.49	m_e	mb	4.7
GTTG	20.55	P		19:38:28.980	0.2					T__		35.4	1.42	m_e	mb	4.5
GUNZ	22.37	P		19:38:47.824						T__		21.9	1.25	m_e	mb	4.4
HLG	17.67	P		19:37:56.996	1.9					T__		183.9	1.68	m_e	mb	4.9
MANZ	22.60	P		19:38:49.910						T__		10.9	1.22	m_e	mb	4.2
MOX	21.88	P		19:38:42.720	-0.2					T__		31.4	1.54	m_e	mb	4.5
NEUB	21.48	P		19:38:38.413	-0.4					T__		44.7	1.40	m_e	mb	4.6
NRDL	19.82	P		19:38:17.938	-2.7					T__		18.0	1.20	m_e	mb	4.2
PLN	22.20	P		19:38:46.092	-0.2					T__		28.3	1.38	m_e	mb	4.5
ROTZ	22.82	P		19:38:52.607	0.1					T__		16.3	1.55	m_e	mb	4.3
STU	22.63	P		19:38:50.673	0.0					T__		17.9	0.88	m_e	mb	4.6
TANN	22.37	P		19:38:47.869	-0.2					T__		38.0	1.31	m_e	mb	4.7
WERN	22.45	P		19:38:48.592	-0.2					T__		22.6	1.20	m_e	mb	4.5
WET	23.58	P		19:39:00.518	0.4					T__		9.8	1.22	m_e	mb	4.2

Event 41017004 Tonga Islands

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





2014/10/18 09:40:13.70  
41018097

64.7200 -17.2600

3.0

29

17.56 22.89 m i ke NEIC

Magnitude Err Nsta Author OrigID  
mb 5.2 BGR 41018008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	19.10		P	09:44:38.396	0.6	325.6		11.20		TAS		132.9	1.77	m_e mb	4.9
BFO	21.40		P	09:45:05.223		325.6		11.20		TAS		589.3	2.64	m_e mb	5.4
BRG	21.34		P	09:45:02.852	0.1	325.6		11.20		TAS		589.4	2.56	m_e mb	5.5
BSEG	17.56		P	09:44:19.843	0.3	325.6		11.20		TAS		228.2	1.72	m_e mb	5.0
BUG	18.40		P	09:44:32.540	-0.6	325.6		11.20		TAS		1375.4	3.69	m_e mb	5.5
CLL	20.64		P	09:44:56.731	-0.0	325.6		11.20		TAS		303.6	2.08	m_e mb	5.3
CLZ	19.21		P	09:44:40.075	0.6	325.6		11.20		TAS		113.3	1.62	m_e mb	4.8
FLT1	19.15		P	09:44:38.710	0.6	325.6		11.20		TAS		209.2	2.01	m_e mb	5.0
GEC2	22.89		P	09:45:21.779		325.6		11.20		TAS		110.4	1.82	m_e mb	5.1
GOR1	18.67		P	09:44:34.136	-0.5	325.6		11.20		TAS		1169.6	2.34	m_e mb	5.7
GRA1	21.27		P	09:45:03.808	0.1	325.6		11.20		TAS		786.5	2.84	m_e mb	5.5
GTTG	19.30		P	09:44:41.182	1.4	325.6		11.20		TAS		182.3	1.75	m_e mb	5.0
GUNZ	21.14		P	09:45:01.909	-0.1	325.6		11.20		TAS		571.2	2.82	m_e mb	5.4
IBBN	17.87		P	09:44:26.384	1.0	325.6		11.20		TAS		252.8	1.76	m_e mb	5.1
KAST	19.01		P	09:44:37.833	-0.6	325.6		11.20		TAS		122.7	1.78	m_e mb	4.8
MANZ	21.36		P	09:45:04.352		325.6		11.20		TAS		62.0	1.38	m_e mb	4.8
MOX	20.64		P	09:44:56.992	-0.4	325.6		11.20		TAS		123.4	1.55	m_e mb	5.0
NEUB	20.26		P	09:44:52.812	0.0	325.6		11.20		TAS		450.1	1.84	m_e mb	5.4
PLN	20.97		P	09:45:00.433	-0.1	325.6		11.20		TAS		650.3	2.79	m_e mb	5.5
ROTZ	21.58		P	09:45:06.747		325.6		11.20		TAS		130.4	1.69	m_e mb	5.1
STU	21.32		P	09:45:04.537		325.6		11.20		TAS		167.1	1.33	m_e mb	5.2
TANN	21.14		P	09:45:01.957	-0.5	325.6		11.20		TAS		895.4	2.54	m_e mb	5.6
TNS	19.83		P	09:44:48.840	0.1	325.6		11.20		TAS		355.5	2.65	m_e mb	5.1
UBBA	19.90		P	09:44:49.437	0.3	325.6		11.20		TAS		236.1	1.96	m_e mb	5.1
UBR	22.57		P	09:45:18.850		325.6		11.20		TAS		118.8	1.44	m_e mb	5.2
WERD	21.06		P	09:45:01.218	-0.4	325.6		11.20		TAS		306.7	2.95	m_e mb	5.1
WERN	21.21		P	09:45:02.828	-0.8	325.6		11.20		TAS		109.8	1.43	m_e mb	5.0
WET	22.34		P	09:45:14.937		325.6		11.20		TAS		48.9	1.67	m_e mb	4.7
WLF	19.52		P	09:44:44.400	0.4	325.6		11.20		TAS		217.5	2.15	m_e mb	5.0

Event 41019001 Iceland  
Date Time Err RMS Latitude Longitude  
OrigID  
2014/10/19 03:22:14.08  
41019007

64.9300 -16.8700

33.0

27

17.85 22.85 m i ke BGR

Magnitude Err Nsta Author OrigID  
mb 4.9 BGR 41019007  
Ms 3.4 BGR 41019007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	19.08		P	03:26:34.835	-0.4	326.5		10.84		TAS		86.0	1.62	m_e	mb 4.7
ASSE	19.05		P	03:26:33.935	0.0	326.5		10.84		TAS		246.9	2.38	m_e	mb 5.0
BFO	21.40		P	03:26:59.236		326.5		10.84		TAS		104.3	1.86	m_e	mb 4.8
BRG	21.29		P	03:26:58.107		326.5		10.84		TAS		176.1	2.08	m_e	mb 5.0
BUG	18.39		P	03:26:26.335	0.1	326.5		10.84		TAS		439.4	3.01	m_e	mb 5.1
CLL	20.58		P	03:26:50.632	-0.5	326.5		10.84		TAS		106.4	1.79	m_e	mb 4.9
CLZ	19.17		P	03:26:35.605	0.5	326.5		10.84		TAS		609.8	3.34	m_e	mb 5.3
FBE	21.02		P	03:26:55.710	0.4	326.5		10.84		TAS		642.1	2.96	m_e	mb 5.4
FLT1	19.10		P	03:26:34.619	0.3	326.5		10.84		TAS		83.2	1.74	m_e	mb 4.7
GEC2	22.85		P	03:27:15.392		326.5		10.84		TAS		54.9	1.75	m_e	mb 4.8
GRA1	21.24		P	03:26:57.684		326.5		10.84		TAS		99.0	1.93	m_e	mb 4.8
GRA1	21.24		L	03:35:37.495						T__		130.7	21.20	a_e	Ms 3.3
GTTG	19.26		P	03:26:36.951	0.1	326.5		10.84		TAS		582.5	3.25	m_e	mb 5.3
GUNZ	21.09		P	03:26:55.992	-0.6	326.5		10.84		TAS		108.1	1.99	m_e	mb 4.8
IBBN	17.85		P	03:26:20.505	-0.1	326.5		10.84		TAS		173.9	2.09	m_e	mb 4.8
KAST	18.99		P	03:26:33.764	-0.1	326.5		10.84		TAS		102.8	1.97	m_e	mb 4.7
MANZ	21.32		P	03:26:58.107		326.5		10.84		TAS		58.4	1.85	m_e	mb 4.6
MOX	20.60		P	03:26:50.632	0.6	326.5		10.84		TAS		109.5	1.85	m_e	mb 4.9
MOX	20.60		L	03:35:03.611						T__		240.8	21.90	a_e	Ms 3.5
NEUB	20.21		P	03:26:46.965	-0.3	326.5		10.84		TAS		136.4	1.83	m_e	mb 4.9
PLN	20.93		P	03:26:54.581	-0.8	326.5		10.84		TAS		169.7	2.17	m_e	mb 5.0
ROTZ	21.54		P	03:27:00.646		326.5		10.84		TAS		86.6	1.91	m_e	mb 4.9
STU	21.31		P	03:26:58.671		326.5		10.84		TAS		193.5	2.18	m_e	mb 5.0
TANN	21.10		P	03:26:56.133	-0.3	326.5		10.84		TAS		250.5	2.07	m_e	mb 5.2
TNS	19.82		P	03:26:42.311	0.0	326.5		10.84		TAS		300.8	3.41	m_e	mb 4.9
UBBA	19.87		P	03:26:43.298	-0.3	326.5		10.84		TAS		104.5	1.86	m_e	mb 4.7
WERD	21.02		P	03:26:55.427	0.6	326.5		10.84		TAS		113.0	2.19	m_e	mb 4.8
WERN	21.17		P	03:26:56.838	0.0	326.5		10.84		TAS		75.5	1.76	m_e	mb 4.7
WET	22.30		P	03:27:09.182		326.5		10.84		TAS		51.6	2.11	m_e	mb 4.6

Event 41019005 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/19	19:51:18.73		9.4620	-39.5480					33.0					58.03	58.03	m i ke	BGR
41019011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	41019011
Ms	5.3		BGR	41019011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	58.03		P	20:01:09.030		243.2		7.21		TAS		9.3	0.89	m_e	mb 4.8
GRA1	58.03		L	20:51:35.820						T__		2625.2	21.40	a_e	Ms 5.3

## Event 41019006 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/19	20:06:16.11			8.4720	-39.3170				33.0					58.69	58.69	m i ke	BGR
OrigID 41019012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	41019012
Ms	5.3		BGR	41019012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	58.69		P	20:16:11.076		241.5		6.66		TAS		10.2	1.03	m_e mb	4.8
GRA1	58.69		L	20:51:35.827						T__		2625.2	21.40	a_e Ms	5.3

## Event 41020009 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/20	13:31:12.36			64.1830	-18.3220				33.0					21.40	21.40	m i ke	BGR
OrigID 41020015																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	41020015
Ms	3.4		BGR	41020015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.40		P	13:35:56.946		322.6		10.64		TAS		77.6	1.93	m_e mb	4.7
GRA1	21.40		L	13:44:37.271						T__		164.8	19.70	a_e Ms	3.4

## Event 41020010 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/20	14:52:58.87			7.6060	-39.9460				33.0					59.76	59.76	m i ke	BGR
OrigID 41020016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	41020016
Ms	3.9		BGR	41020016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	59.76		P	15:03:01.210		242.3		6.88		TAS		29.6	1.29	m_e mb	5.2

GRA1 59.76 L 15:27:37.183 T\_\_ 78.1 19.50 a\_e Ms 3.9

Event 41020012 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/20	16:34:22.60			-15.4700	-173.2800				10.0					145.67	145.67	m i ke	EMSC

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	145.67		PKPbc	16:54:02.132		7.7		3.21		TAS				m_e	

Event 41020013 Colombia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/20	19:33:34.49			1.6000	-76.1600				22.1	0.5		35		83.80	88.84	m i ke	BGR

Magnitude Err Nsta Author OrigID

mb	6.0		BGR	41020019
MBB	6.2		BGR	41020019
Ms	5.3		BGR	41020019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.46		P	19:46:06.223	0.2	268.9		4.88		TAS		283.8	1.68	m_e	MBB 6.4
ASSE	86.80		P	19:46:17.651	0.1	268.9		4.88		TAS		689.9	2.81	m_e	MBB 6.3
BFO	85.14		P	19:46:08.677	-0.0	268.9		4.88		TAS		43.2	1.39	m_e	MBB 5.8
BRG	88.84		P	19:46:27.161		268.9		4.88		TAS		392.5	2.80	m_e	MBB 6.1
BSEG	86.64		P	19:46:16.424	0.3	268.9		4.88		TAS		172.6	1.67	m_e	MBB 6.2
BUG	84.65		P	19:46:06.760	-0.1	268.9		4.88		TAS		279.6	1.69	m_e	MBB 6.4
BUG	84.65		pP	19:46:13.093						T__				m_e	
CLL	88.24		P	19:46:24.228	-0.3	268.9		4.88		TAS		90.7	1.67	m_e	MBB 6.1
CLZ	86.60		P	19:46:16.573	-0.2	268.9		4.88		TAS		108.9	1.42	m_e	MBB 6.0
CLZ	86.60		pP	19:46:22.971						T__				m_e	
FBE	88.46		P	19:46:25.627	-0.2	268.9		4.88		TAS		303.2	2.45	m_e	MBB 6.2
FLT1	87.15		P	19:46:18.648	-0.0	268.9		4.88		TAS		107.9	1.58	m_e	MBB 6.1
FUR	87.10		P	19:46:18.801	-0.1	268.9		4.88		TAS		556.8	2.65	m_e	MBB 6.2
FUR	87.10		pP	19:46:25.381						T__				m_e	
GEC2	88.72		P	19:46:26.321		268.9		4.88		TAS		240.5	2.74	m_e	MBB 5.9
GOR1	87.20		P	19:46:19.261	-0.1	268.9		4.88		TAS		141.0	1.53	m_e	MBB 6.3
GRA1	87.09		P	19:46:18.943	-0.5	268.9		4.88		TAS		87.7	1.40	m_e	mb 5.7
GRA1	87.09		L	20:22:23.700						T__		1126.6	21.00	a_e	Ms 5.2

GTTG	86.34	P	19:46:15.273	-0.0	268.9	4.88	TAS	85.4	1.24	m_e	MBB	6.1
GUNZ	87.81	P	19:46:22.559	0.2	268.9	4.88	TAS	254.2	2.28	m_e	MBB	6.2
IBBN	85.01	P	19:46:08.601	-0.1	268.9	4.88	TAS	182.7	1.39	m_e	MBB	6.4
KAST	85.35	P	19:46:10.061	-0.2	268.9	4.88	TAS	98.4	1.43	m_e	MBB	6.1
MANZ	87.67	P	19:46:21.917	-0.0	268.9	4.88	TAS	414.4	2.53	m_e	MBB	6.4
MOX	87.36	P	19:46:20.028	-0.1	268.9	4.88	TAS	115.7	1.81	m_e	MBB	5.9
MOX	87.36	L	20:21:00.621				T__	1217.6	21.30	a_e	Ms	5.3
NEUB	87.46	P	19:46:20.565	0.3	268.9	4.88	TAS	126.2	1.62	m_e	MBB	6.1
NRDL	86.46	P	19:46:15.953	0.1	268.9	4.88	TAS	149.7	1.60	m_e	MBB	6.2
PLN	87.70	P	19:46:21.792	0.2	268.9	4.88	TAS	428.2	2.78	m_e	MBB	6.2
PLN	87.70	pP	19:46:28.249				T__			m_e		
ROTZ	87.73	P	19:46:22.179	0.1	268.9	4.88	TAS	390.4	2.59	m_e	MBB	6.2
RUE	88.71	P	19:46:26.355		268.9	4.88	TAS	237.3	2.14	m_e	MBB	6.2
SKMB	86.15	P	19:46:14.497	0.1	268.9	4.88	TAS	601.6	1.75	m_e	MBB	6.6
STU	85.73	P	19:46:11.988	0.3	268.9	4.88	TAS	86.3	1.18	m_e	MBB	6.1
TANN	87.90	P	19:46:22.943	0.1	268.9	4.88	TAS	886.5	2.72	m_e	MBB	6.6
TNS	85.32	P	19:46:10.135	-0.3	268.9	4.88	TAS	134.0	1.42	m_e	MBB	6.2
UBBA	86.34	P	19:46:15.109	0.3	268.9	4.88	TAS	229.0	2.44	m_e	MBB	6.0
UBR	86.31	P	19:46:15.210	0.2	268.9	4.88	TAS	114.2	1.37	m_e	MBB	6.2
WERD	87.80	P	19:46:22.329	0.2	268.9	4.88	TAS	35.2	1.48	m_e	MBB	5.8
WERD	87.80	pP	19:46:28.759				T__			m_e		
WERN	87.84	P	19:46:22.713	0.2	268.9	4.88	TAS	110.1	1.67	m_e	MBB	6.2
WET	88.17	P	19:46:24.170	0.1	268.9	4.88	TAS	380.8	2.34	m_e	MBB	6.3
WLF	83.80	P	19:46:02.835	0.1	268.9	4.88	TAS	262.3	1.66	m_e	MBB	6.5

Event 41021003 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/21	08:36:37.21			65.9100	-16.6100				24.8	4.8		24		18.90	23.27	m i ke	BGR
41021009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	41021009
Ms	4.9		BGR	41021009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	19.62		P	08:41:04.495	0.7	328.4		10.81		TAS		373.4	1.68	m_e	mb	5.3
BFO	21.95		P	08:41:28.510		328.4		10.81		TAS		587.6	2.16	m_e	mb	5.6
BFO	21.95		pP	08:41:33.526		328.7		10.88		TAS				m_e		
BRG	21.65		P	08:41:26.152		328.4		10.81		TAS		884.8	2.40	m_e	mb	5.8
BUG	18.90		P	08:40:56.695	-0.9	328.4		10.81		TAS		297.8	1.61	m_e	mb	5.3
CLL	20.96		P	08:41:18.618	0.1	328.4		10.81		TAS		433.4	1.87	m_e	mb	5.5
CLL	20.96		pP	08:41:24.761		328.7		10.88		TAS				m_e		
CLZ	19.59		P	08:41:03.646	-0.5	328.4		10.81		TAS		281.6	1.53	m_e	mb	5.3
FBE	21.40		P	08:41:23.597	0.4	328.4		10.81		TAS		1280.9	2.51	m_e	mb	5.8
FBE	21.40		pP	08:41:29.421		328.7		10.88		TAS				m_e		

GEC2	23.27	P	08:41:43.915	328.4	10.81	TAS							m_e		
GRA1	21.70	P	08:41:25.957	328.4	10.81	TAS	334.7	1.80	m_e	mb	5.5				
GRA1	21.70	pP	08:41:32.087	328.7	10.88	TAS			m_e						
GRA1	21.70	L	08:49:53.873			T__	3798.2	21.00	a_e	Ms	4.8				
GUNZ	21.51	P	08:41:24.152	328.4	10.81	TAS	902.6	2.41	m_e	mb	5.8				
GUNZ	21.51	pP	08:41:30.620	328.7	10.88	TAS			m_e						
KAST	19.47	P	08:41:03.397	-0.4 328.4	10.81	TAS	1224.6	3.17	m_e	mb	5.6				
MANZ	21.75	P	08:41:27.573	328.4	10.81	TAS	143.9	1.73	m_e	mb	5.1				
MANZ	21.75	pP	08:41:32.295	328.7	10.88	TAS			m_e						
MOX	21.02	P	08:41:19.136	0.4 328.4	10.81	TAS	555.7	1.98	m_e	mb	5.5				
MOX	21.02	pP	08:41:25.352	328.7	10.88	TAS			m_e						
MOX	21.02	L	08:49:53.114			T__	5659.3	19.90	a_e	Ms	4.9				
NEUB	20.62	P	08:41:14.861	0.1 328.4	10.81	TAS	527.2	1.57	m_e	mb	5.6				
NRDL	18.96	P	08:40:57.818	-0.2 328.4	10.81	TAS	431.3	1.78	m_e	mb	5.4				
PLN	21.34	P	08:41:22.294	0.7 328.4	10.81	TAS	1042.6	2.36	m_e	mb	5.7				
PLN	21.34	pP	08:41:28.825	328.7	10.88	TAS			m_e						
ROTZ	21.97	P	08:41:30.157	328.4	10.81	TAS	396.7	2.26	m_e	mb	5.4				
ROTZ	21.97	pP	08:41:34.779	328.7	10.88	TAS			m_e						
STU	21.83	P	08:41:27.846	328.4	10.81	TAS	1060.6	2.55	m_e	mb	5.8				
STU	21.83	pP	08:41:32.788	328.7	10.88	TAS			m_e						
TANN	21.51	P	08:41:24.319	328.4	10.81	TAS	1646.0	2.39	m_e	mb	6.0				
TANN	21.51	pP	08:41:30.317	328.7	10.88	TAS			m_e						
UBBA	20.33	P	08:41:11.342	0.8 328.4	10.81	TAS	349.9	1.74	m_e	mb	5.3				
UBBA	20.33	pP	08:41:17.551	328.7	10.88	TAS			m_e						
UBR	23.08	P	08:41:41.031	328.4	10.81	TAS			m_e						
WERD	21.43	P	08:41:23.290	-0.1 328.4	10.81	TAS	557.3	2.14	m_e	mb	5.5				
WERD	21.43	pP	08:41:29.353	328.7	10.88	TAS			m_e						
WERN	21.59	P	08:41:24.839	328.4	10.81	TAS	895.7	2.53	m_e	mb	5.7				
WERN	21.59	pP	08:41:31.093	328.7	10.88	TAS			m_e						
WET	22.73	P	08:41:38.574	328.4	10.81	TAS	296.1	2.33	m_e	mb	5.4				
WET	22.73	pP	08:41:43.202	328.7	10.88	TAS			m_e						

Event 41022001 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/22	00:15:17.99			27.5100	128.6600				42.9	0.8		33		82.25	87.54	m i ke	BGR
41022007																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.1		BGR	41022007
MBB	6.3		BGR	41022007
Ms	5.7		BGR	41022007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	83.98		P	00:27:44.008	-0.1	52.9		5.25		TAS		284.5	1.70	a_e	MBB 6.3
ASSE	83.98		pP	00:27:56.499	0.2	52.9		5.25		TAS				m_e	

BFO	87.54	P	00:28:01.558		52.9	5.25	TAS	58.0	1.31	a_e	MBB	6.1
BRG	83.10	P	00:27:39.308	0.2	52.9	5.25	TAS	55.8	1.02	a_e	MBB	6.1
BSEG	83.04	P	00:27:39.108	-0.2	52.9	5.25	TAS	230.0	0.94	a_e	MBB	6.5
BUG	86.06	P	00:27:54.058	-0.3	52.9	5.25	TAS	115.1	1.25	a_e	MBB	6.2
CLL	83.32	P	00:27:40.158	0.1	52.9	5.25	TAS	162.5	0.96	a_e	MBB	6.4
CLZ	84.31	P	00:27:45.958	-0.1	52.9	5.25	TAS	372.6	1.03	a_e	MBB	6.6
FBE	83.37	P	00:27:41.058	-0.5	52.9	5.25	TAS	189.7	1.13	a_e	MBB	6.4
FBE	83.37	pP	00:27:53.599	-0.1	52.9	5.25	TAS			m_e		
FLT1	83.59	P	00:27:41.458	0.1	52.9	5.25	TAS	231.9	1.00	a_e	MBB	6.5
FUR	86.11	P	00:27:55.008	-0.1	52.9	5.25	TAS	256.3	1.01	a_e	MBB	6.5
FUR	86.11	pP	00:28:07.731		52.9	5.25	TAS			m_e		
GEC2	84.41	P	00:27:46.008	0.1	52.9	5.25	TAS	80.2	1.16	a_e	MBB	6.0
GEC2	84.41	pP	00:27:58.384		52.9	5.25	TAS			m_e		
GOR1	83.15	P	00:27:40.008	-0.5	52.9	5.25	TAS	390.5	1.06	a_e	MBB	6.7
GRA1	85.21	P	00:27:50.508	0.1	52.9	5.25	TAS	245.3	1.10	a_e	MBB	6.5
GRA1	85.21	L	01:09:49.223				T__	5454.3	18.10	a_e	Ms	6.0
GTTG	84.69	P	00:27:47.708	0.4	52.9	5.25	TAS	243.3	0.98	a_e	MBB	6.5
GUNZ	84.23	P	00:27:45.258	0.1	52.9	5.25	TAS	140.7	0.96	a_e	MBB	6.3
GUNZ	84.23	pP	00:27:57.731		52.9	5.25	TAS			m_e		
IBBN	85.26	P	00:27:50.158	-0.3	52.9	5.25	TAS	268.1	1.00	a_e	MBB	6.6
KAST	85.66	P	00:27:52.458	0.1	52.9	5.25	TAS	84.6	1.05	a_e	MBB	6.0
MANZ	84.57	P	00:27:47.008	0.2	52.9	5.25	TAS	102.8	1.08	a_e	MBB	6.3
MANZ	84.57	pP	00:27:59.403		52.9	5.25	TAS			m_e		
MOX	84.42	P	00:27:46.058	0.3	52.9	5.25	TAS	75.4	1.11	a_e	MBB	6.3
MOX	84.42	L	01:14:16.628				T__	1792.7	21.00	a_e	Ms	5.4
NEUB	84.01	P	00:27:43.958	-0.1	52.9	5.25	TAS	253.4	0.95	a_e	MBB	6.6
NEUB	84.01	pP	00:27:56.559		52.9	5.25	TAS			m_e		
NRDL	84.03	P	00:27:44.358	-0.2	52.9	5.25	TAS	137.0	1.09	a_e	MBB	6.4
PLN	84.24	P	00:27:45.158	0.4	52.9	5.25	TAS	90.8	1.04	a_e	MBB	6.1
ROTZ	84.65	P	00:27:47.608	0.2	52.9	5.25	TAS	179.0	1.05	a_e	MBB	6.4
ROTZ	84.65	pP	00:27:59.947		52.9	5.25	TAS			m_e		
RUE	82.25	P	00:27:35.058	0.3	52.9	5.25	TAS	163.2	0.99	a_e	MBB	6.5
SKMB	82.96	P	00:27:39.108	-0.1	52.9	5.25	TAS	543.2	1.00	a_e	MBB	6.9
STU	86.82	P	00:27:57.908		52.9	5.25	TAS	79.4	1.22	a_e	MBB	6.1
TANN	84.13	P	00:27:44.658	0.1	52.9	5.25	TAS	160.8	1.14	a_e	MBB	6.3
TANN	84.13	pP	00:27:57.130		52.9	5.25	TAS			m_e		
TNS	86.27	P	00:27:55.558	-0.3	52.9	5.25	TAS	53.2	1.20	a_e	MBB	6.1
UBBA	85.13	P	00:27:49.758	-0.2	52.9	5.25	TAS	212.7	1.68	a_e	MBB	6.2
UBR	87.03	P	00:27:59.158		52.9	5.25	TAS	83.0	0.98	a_e	MBB	5.9
WERD	84.19	P	00:27:44.808	-0.1	52.9	5.25	TAS	47.5	1.01	a_e	MBB	5.7
WERN	84.25	P	00:27:45.408	-0.1	52.9	5.25	TAS	169.1	1.02	m_e	MBB	6.3
WERN	84.25	pP	00:27:57.872		52.9	5.25	TAS			m_e		
WET	84.67	P	00:27:47.608	0.1	52.9	5.25	TAS	70.7	1.32	a_e	MBB	6.1



OrigID  
 2014/10/22 21:56:57.99 13.7900 -44.0700 33.0 23 55.11 59.76 m i ke BGR  
 41022012

Magnitude Err Nsta Author OrigID  
 mb 5.3 BGR 41022012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	57.84	P		22:06:46.868	0.3	250.9		7.06		TAS		102.8	1.81	m_e	mb 5.6
BFO	55.11	P		22:06:27.397	-0.1	250.9		7.06		TAS		38.0	1.65	m_e	mb 5.2
BRG	59.38	P		22:06:57.485		250.9		7.06		TAS		34.0	2.14	m_e	mb 5.0
BSEG	58.30	P		22:06:49.307		250.9		7.06		TAS		112.7	1.67	m_e	mb 5.6
BUG	55.63	P		22:06:30.738	0.3	250.9		7.06		TAS		53.9	1.71	m_e	mb 5.3
CLL	58.94	P		22:06:54.214		250.9		7.06		TAS		33.0	1.49	m_e	mb 5.1
CLZ	57.57	P		22:06:44.556	-0.2	250.9		7.06		TAS		20.5	1.21	m_e	mb 5.0
FBE	59.04	P		22:06:55.455		250.9		7.06		TAS		23.2	1.32	m_e	mb 5.0
FLT1	58.24	P		22:06:49.070		250.9		7.06		TAS		64.5	1.53	m_e	mb 5.4
GEC2	58.66	P		22:06:52.390		250.9		7.06		TAS		18.8	1.50	m_e	mb 4.9
GOR1	58.51	P		22:06:50.993		250.9		7.06		TAS		92.4	1.36	m_e	mb 5.6
GRA1	57.36	P		22:06:43.015	-0.3	250.9		7.06		TAS		196.4	2.69	m_e	mb 5.7
GTTG	57.23	P		22:06:42.575	0.0	250.9		7.06		TAS		31.3	1.07	m_e	mb 5.3
KAST	56.20	P		22:06:34.869	0.3	250.9		7.06		TAS		50.8	1.86	m_e	mb 5.2
MANZ	58.00	P		22:06:47.969	0.3	250.9		7.06		TAS		88.7	2.55	m_e	mb 5.3
MOX	57.90	P		22:06:47.160	0.1	250.9		7.06		TAS		39.7	1.76	m_e	mb 5.2
NRDL	57.65	P		22:06:45.547	0.3	250.9		7.06		TAS		77.7	1.49	m_e	mb 5.5
PLN	58.18	P		22:06:49.066		250.9		7.06		TAS		51.8	1.88	m_e	mb 5.2
RJOB	57.78	P		22:06:45.217	-0.2	250.9		7.06		TAS		18.2	1.43	m_e	mb 4.9
ROTZ	57.99	P		22:06:47.639	-0.0	250.9		7.06		TAS		33.1	1.98	m_e	mb 5.0
RUE	59.76	P		22:06:59.859		250.9		7.06		TAS		91.9	1.43	m_e	mb 5.6
TANN	58.34	P		22:06:50.502		250.9		7.06		TAS		53.9	1.57	m_e	mb 5.3
WERN	58.25	P		22:06:49.841		250.9		7.06		TAS		36.8	1.43	m_e	mb 5.2

Event 41023001 Tonga Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID  
 2014/10/23 02:15:28.50 -15.9500 -173.8600 58.0 146.09 146.09 m i ke NEIC  
 41023096

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	146.09	PKP		02:35:02.101		8.8		2.21		TAS				m_e	

Event 41023002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/23	05:51:49.54			-16.3490	-177.4120				500.0			27		142.01	148.15	m i ke	BGR
OrigID 41023008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	143.73		PKPbc	06:10:24.955	-0.1	14.9		2.91		TAS					m_e
BFO	147.76		PKPbc	06:10:36.194		14.9		2.91		TAS					m_e
BRG	144.37		PKPbc	06:10:26.857	-0.3	14.9		2.91		TAS					m_e
BSEG	142.01		PKPbc	06:10:19.306		14.9		2.91		TAS					m_e
BUG	144.79		PKPbc	06:10:28.056	-0.9	14.9		2.91		TAS					m_e
CLL	144.14		PKPbc	06:10:25.992	-0.1	14.9		2.91		TAS					m_e
CLZ	144.05		PKPbc	06:10:26.338	-0.1	14.9		2.91		TAS					m_e
FBE	144.44		PKPbc	06:10:27.433	0.0	14.9		2.91		TAS					m_e
FLT1	143.45		PKPbc	06:10:23.687	-0.2	14.9		2.91		TAS					m_e
GEC2	146.34		PKPbc	06:10:32.332		14.9		2.91		TAS					m_e
GOR1	142.80		PKPbc	06:10:21.884		14.9		2.91		TAS					m_e
GRA1	146.01		PKPbc	06:10:31.929	0.2	14.9		2.91		TAS					m_e
GTTG	144.40		PKPbc	06:10:27.318	0.2	14.9		2.91		TAS					m_e
GUNZ	145.17		PKPbc	06:10:29.450	0.2	14.9		2.91		TAS					m_e
IBBN	143.89		PKPbc	06:10:25.800	-0.7	14.9		2.91		TAS					m_e
KAST	144.92		PKPbc	06:10:28.644	-0.4	14.9		2.91		TAS					m_e
MANZ	145.57		PKPbc	06:10:30.479	0.4	14.9		2.91		TAS					m_e
MOX	145.03		PKPbc	06:10:28.755	0.4	14.9		2.91		TAS					m_e
NEUB	144.47		PKPbc	06:10:27.145	0.4	14.9		2.91		TAS					m_e
NRDL	143.45		PKPbc	06:10:24.087	-0.3	14.9		2.91		TAS					m_e
PLN	145.08		PKPbc	06:10:28.987	0.1	14.9		2.91		TAS					m_e
RUE	142.88		PKPbc	06:10:21.926		14.9		2.91		TAS					m_e
TANN	145.10		PKPbc	06:10:29.105	0.1	14.9		2.91		TAS					m_e
UBR	148.15		PKPbc	06:10:36.814		14.9		2.91		TAS					m_e
WERD	145.09		PKPbc	06:10:29.081	0.2	14.9		2.91		TAS					m_e
WET	146.23		PKPbc	06:10:32.166	-0.5	14.9		2.91		TAS					m_e
WLF	146.65		PKPbc	06:10:34.177		14.9		2.91		TAS					m_e

Event 41024004 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/24	10:20:46.45			64.1740	-17.8110				10.0					20.59	21.26	m i ke	BGR
OrigID 41024010																	

Magnitude Err Nsta Author OrigID

mb 4.4 BGR 41024010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	21.26		P	10:25:32.665		319.2		11.25		TAS		17.0	1.15	m_e	mb 4.3
GRA1	21.20		P	10:25:31.563		319.2		11.25		TAS		40.2	1.63	m_e	mb 4.5
MOX	20.59		P	10:25:24.064		319.2		11.25		TAS		23.0	1.34	m_e	mb 4.3
TANN	21.10		P	10:25:29.548		319.2		11.25		TAS		49.1	1.44	m_e	mb 4.6

Event 41024005 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/24	10:24:04.44			64.4720	-18.0140				10.0					17.76	23.06	m i ke	BGR
	41024011																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	41024011
Ms	4.1		BGR	41024011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	19.21		P	10:28:26.168		322.6		10.96		TAS		832.4	3.13	m_e	mb 5.4
BFO	21.51		P	10:28:50.490		322.6		10.96		TAS		102.9	1.70	m_e	mb 5.0
BFO	21.51		L	10:37:21.173						T__		492.6	18.40	a_e	Ms 3.9
BRG	21.53		P	10:28:49.538		322.6		10.96		TAS		1070.4	3.28	m_e	mb 5.7
BSEG	17.76		L	10:35:31.413						T__		1301.2	18.70	a_e	Ms 4.2
BUG	18.54		P	10:28:17.041		322.6		10.96		TAS		802.3	3.02	m_e	mb 5.4
CLL	20.82		P	10:28:42.026		322.6		10.96		TAS		154.8	1.88	m_e	mb 5.0
CLL	20.82		L	10:37:36.387						T__		866.3	18.00	a_e	Ms 4.2
CLZ	19.38		P	10:28:26.821		322.6		10.96		TAS		1263.5	3.62	m_e	mb 5.5
FBE	21.26		P	10:28:46.818		322.6		10.96		TAS		961.0	2.95	m_e	mb 5.6
FLT1	19.34		P	10:28:26.186		322.6		10.96		TAS		956.4	3.28	m_e	mb 5.5
FUR	22.71		L	10:39:11.445						T__		652.8	18.80	a_e	Ms 4.1
GEC2	23.06		P	10:29:06.440		322.6		10.96		TAS		232.5	2.06	m_e	mb 5.4
GEC2	23.06		L	10:38:12.090						T__		913.0	21.70	a_e	Ms 4.2
GOR1	18.86		P	10:28:20.944		322.6		10.96		TAS		2428.9	3.02	m_e	mb 5.9
GRA1	21.43		P	10:28:49.626		322.6		10.96		TAS		1551.2	3.48	m_e	mb 5.7
GRA1	21.43		L	10:38:17.937						T__		1028.2	18.00	a_e	Ms 4.3
GTTG	19.46		P	10:28:27.964		322.6		10.96		TAS		1387.2	3.52	m_e	mb 5.6
GUNZ	21.31		P	10:28:47.088		322.6		10.96		TAS		1179.9	3.16	m_e	mb 5.7
MANZ	21.52		P	10:28:49.511		322.6		10.96		TAS		320.1	2.65	m_e	mb 5.3
MOX	20.81		P	10:28:42.165		322.6		10.96		TAS		1257.2	3.79	m_e	mb 5.6
MOX	20.81		L	10:36:53.849						T__		867.1	21.70	a_e	Ms 4.1
NEUB	20.43		P	10:28:37.944		322.6		10.96		TAS		195.0	1.74	m_e	mb 5.0
NRDL	18.77		P	10:28:18.169		322.6		10.96		TAS		250.2	1.89	m_e	mb 5.1
PLN	21.14		P	10:28:45.782		322.6		10.96		TAS		709.8	2.79	m_e	mb 5.5
STU	21.44		P	10:28:50.436		322.6		10.96		TAS		381.6	2.47	m_e	mb 5.3
TANN	21.32		P	10:28:47.088		322.6		10.96		TAS		2210.6	3.25	m_e	mb 5.9
TNS	19.96		P	10:28:33.616		322.6		10.96		TAS		230.8	2.28	m_e	mb 5.0
TNS	19.96		L	10:37:02.305						T__		400.3	18.70	a_e	Ms 3.8

UBR	22.69	P	10:29:03.419	322.6	10.96	TAS	2507.9	4.31	m_e	mb	6.1
WERD	21.23	P	10:28:46.680	322.6	10.96	TAS	580.1	2.92	m_e	mb	5.4
WERN	21.39	P	10:28:47.797	322.6	10.96	TAS	1697.9	3.63	m_e	mb	5.8
WET	22.50	L	10:37:45.609			T__	926.6	20.90	a_e	Ms	4.2

Event 41024006 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/24	12:38:51.50			27.0550	57.2100				10.0					39.92	43.59	m i ke	BGR
OrigID 41024012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	41024012
Ms	3.8		BGR	41024012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	43.25		L	13:07:08.619						T__		137.2	21.40	a_e	Ms	3.8
BSEG	43.51		L	13:08:33.267						T__		211.4	19.30	a_e	Ms	4.1
CLL	41.11		P	12:46:34.835		111.2		8.96		TAS		22.8	1.21	m_e	mb	4.8
CLL	41.11		L	13:06:39.600						T__		212.7	20.20	a_e	Ms	4.0
FUR	41.30		L	13:06:31.656						T__		149.6	21.70	a_e	Ms	3.8
GEC2	39.92		P	12:46:24.746		111.2		8.96		TAS		54.1	1.84	m_e	mb	4.9
GRA1	41.72		P	12:46:40.140		111.2		8.96		TAS		29.8	1.40	m_e	mb	4.8
GRA1	41.72		L	13:07:48.013						T__		143.2	19.90	a_e	Ms	3.8
MOX	41.74		L	13:05:54.780						T__		135.1	21.10	a_e	Ms	3.8
RJOB	40.20		P	12:46:26.711		111.2		8.96		TAS		27.1	1.24	m_e	mb	4.7
ROTZ	41.12		P	12:46:34.617		111.2		8.96		TAS		14.0	1.18	m_e	mb	4.6
TNS	43.59		L	13:06:47.127						T__		121.4	19.90	a_e	Ms	3.8
UBR	41.95		P	12:46:41.671		111.2		8.96		TAS		29.3	1.04	m_e	mb	4.9
WET	40.53		P	12:46:29.791		111.2		8.96		TAS		35.8	1.72	m_e	mb	4.8
WET	40.53		L	13:05:25.923						T__		100.4	21.70	a_e	Ms	3.6

Event 41024007 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/24	13:58:11.33			64.3740	-17.5770				10.0					20.59	21.32	m i ke	BGR
OrigID 41024013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	41024013
Ms	2.8		BGR	41024013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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BFO	21.30	P	14:02:57.258	322.4	10.81	TAS	8.0	1.03	m_e	mb	4.0
BRG	21.32	P	14:02:56.220	322.4	10.81	TAS	22.4	1.20	m_e	mb	4.4
FBE	21.05	P	14:02:53.280	322.4	10.81	TAS	9.3	1.04	m_e	mb	4.1
GRA1	21.21	P	14:02:56.565	322.4	10.81	TAS	25.9	1.35	m_e	mb	4.4
GRA1	21.21	L	14:15:43.924			T__	41.2	18.50	a_e	Ms	2.9
MOX	20.59	P	14:02:48.437	322.4	10.81	TAS	16.8	1.45	m_e	mb	4.2
MOX	20.59	L	14:14:22.676			T__	37.8	19.50	a_e	Ms	2.8
PLN	20.93	P	14:02:52.069	322.4	10.81	TAS	14.8	1.24	m_e	mb	4.2
WERD	21.02	P	14:02:53.626	322.4	10.81	TAS	13.5	1.16	m_e	mb	4.2

Event 41024008 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/24	23:42:39.86			37.7040	23.7910				10.0					12.87	18.70	m i ke	BGR
41024014																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.5		BGR	41024014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	15.48		P	23:46:20.724		141.0		13.44		TAS		153.2	1.20	m_e	
BFO	15.48		L	23:51:25.501						T__		2003.5	21.20	a_e	Ms 4.3
BSEG	18.70		L	23:54:31.355						T__		7074.3	18.20	a_e	Ms 5.0
CLL	15.60		L	23:53:12.378						T__		2618.3	20.00	a_e	Ms 4.4
FUR	13.88		P	23:46:01.064		141.0		13.44		TAS		205.2	1.47	m_e	
FUR	13.88		L	23:51:25.772						T__		7336.5	19.70	a_e	Ms 4.8
GEC2	13.33		P	23:45:55.684		141.0		13.44		TAS		47.0	1.07	m_e	
GEC2	13.33		L	23:50:54.381						T__		9683.7	19.50	a_e	Ms 4.9
GRA1	15.01		P	23:46:17.640		141.0		13.44		TAS		306.0	1.45	m_e	
GRA1	15.01		L	23:51:10.206						T__		489.3	20.20	a_e	Ms 3.6
GRA2	14.93		P	23:46:35.295		141.0		13.44		TAS				m_e	
MOX	15.58		P	23:46:26.311		141.0		13.44		TAS		62.2	0.90	m_e	
MOX	15.58		L	23:52:41.906						T__		5427.8	21.70	a_e	Ms 4.7
RJOB	12.87		P	23:45:47.820		141.0		13.44		TAS		231.2	1.17	m_e	
STU	15.32		P	23:46:18.861		141.0		13.44		TAS		592.3	1.70	m_e	
TNS	16.65		L	23:52:36.796						T__		2803.6	18.90	a_e	Ms 4.5
UBR	14.14		P	23:46:03.685		141.0		13.44		TAS		135.4	1.11	m_e	
WET	13.90		P	23:46:01.601		141.0		13.44		TAS		136.3	1.15	m_e	
WET	13.90		L	23:51:32.420						T__		7081.3	20.20	a_e	Ms 4.7

Event 41025003 Iceland

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

2014/10/25 01:48:44.86 64.2700 -17.3600 10.0 20 17.42 22.71 m i ke BGR  
41025009

Magnitude Err Nsta Author OrigID  
mb 5.5 BGR 41025009  
MBB 5.7 BGR 41025009  
Ms 4.0 BGR 41025009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	18.93		P	01:53:03.086	-0.2	324.2		10.52		TAS		876.0	2.86	m_e	mb 5.5
BFO	21.16		P	01:53:29.845		324.2		10.52		TAS		364.7	2.24	m_e	mb 5.3
BFO	21.16		L	02:02:21.276						T__		731.6	18.00	a_e	Ms 4.1
BRG	21.19		P	01:53:28.448		324.2		10.52		TAS		1354.2	3.25	m_e	mb 5.7
BSEG	17.42		P	01:52:45.170	-0.4	324.2		10.52		TAS		86886.0	13.46	m_e	mb 6.7
BSEG	17.42		L	02:00:22.937						T__		933.1	18.20	a_e	Ms 4.1
CLL	20.48		L	02:01:23.528						T__		561.4	21.20	a_e	Ms 3.9
CLZ	19.03		P	01:53:05.646	-0.4	324.2		10.52		TAS		189.0	1.50	m_e	mb 5.1
FLT1	18.99		P	01:53:04.017	-0.1	324.2		10.52		TAS		299.3	2.07	m_e	mb 5.2
GEC2	22.71		L	02:02:56.459						T__		649.8	19.30	a_e	Ms 4.1
GOR1	18.52		P	01:53:00.062	0.4	324.2		10.52		TAS		4331.8	3.09	m_e	mb 6.1
GRA1	21.08		P	01:53:28.656		324.2		10.52		TAS		544.1	2.23	m_e	mb 5.5
GRA1	21.08		L	02:03:11.532						T__		617.3	18.40	a_e	Ms 4.0
GTTG	19.11		P	01:53:06.809	0.4	324.2		10.52		TAS		237.6	1.61	m_e	mb 5.2
GUNZ	20.96		P	01:53:26.587		324.2		10.52		TAS		567.7	2.35	m_e	mb 5.5
IBBN	17.67		P	01:52:49.126	1.9	324.2		10.52		TAS		651.5	2.41	m_e	mb 5.3
KAST	18.80		P	01:53:03.552	0.4	324.2		10.52		TAS		870.4	3.44	m_e	mb 5.4
MANZ	21.18		P	01:53:29.612		324.2		10.52		TAS		164.9	1.89	m_e	mb 5.0
MOX	20.46		L	02:02:41.266						T__		568.2	18.30	a_e	Ms 4.0
NRDL	18.42		P	01:52:57.735	-0.1	324.2		10.52		TAS		1964.2	3.37	m_e	mb 5.7
PLN	20.80		P	01:53:24.958		324.2		10.52		TAS		290.3	1.81	m_e	mb 5.3
ROTZ	21.39		P	01:53:31.241		324.2		10.52		TAS		606.5	3.29	m_e	mb 5.4
STU	21.09		P	01:53:28.681		324.2		10.52		TAS				m_e	
TNS	19.62		P	01:53:12.859	-0.2	324.2		10.52		TAS		1227.7	3.44	m_e	mb 5.6
TNS	19.62		L	02:00:21.386						T__		384.7	21.60	a_e	Ms 3.7
UBBA	19.71		P	01:53:13.092	0.7	324.2		10.52		TAS		1519.2	3.94	m_e	mb 5.6
WERN	21.04		P	01:53:28.216		324.2		10.52		TAS		207.4	1.61	m_e	mb 5.2
WET	22.15		L	02:02:29.799						T__		562.0	20.50	a_e	Ms 4.0

Event 41025004 Iceland

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
2014/10/25 12:10:43.03 64.5040 -17.3830 33.0 20.58 21.21 m i ke BGR  
41025010

Magnitude Err Nsta Author OrigID  
mb 4.5 BGR 41025010

Ms 2.6 BGR 41025010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	20.59		P	12:15:15.665		325.6		10.31		TAS		13.5	1.24	m_e	mb 4.1
FBE	21.03		P	12:15:20.950		325.6		10.31		TAS		212.6	2.85	m_e	mb 5.0
GRA1	21.21		P	12:15:25.526		325.6		10.31		TAS		21.4	1.17	m_e	mb 4.4
GRA1	21.21		L	12:24:18.883						T__		25.7	20.00	a_e	Ms 2.6
GUNZ	21.08		P	12:15:21.236		325.6		10.31		TAS		37.1	1.64	m_e	mb 4.5
MOX	20.58		L	12:25:03.391						T__		22.4	18.40	a_e	Ms 2.6
TANN	21.09		P	12:15:20.950		325.6		10.31		TAS		32.1	1.24	m_e	mb 4.5

Event 41025005 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/25	21:12:21.30			-19.1900	169.1400				161.0			23		142.83	147.03	m i ke	NEIC
	41025059																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.03		PKPdf	21:31:45.150		38.1		3.19		TAS				a_e	
BUG	144.78		PKPdf	21:31:38.100		38.1		3.19		TAS				a_e	
CLL	142.83		PKPdf	21:31:31.715	-0.1	38.1		3.19		TAS				m_e	
FUR	145.98		PKPdf	21:31:42.596		38.1		3.19		TAS				m_e	
GEC2	144.40		PKPdf	21:31:37.350		38.1		3.19		TAS				a_e	
GRA1	144.81		PKPdf	21:31:39.100		38.1		3.19		TAS				a_e	
GTTG	143.79		PKPdf	21:31:35.350	0.5	38.1		3.19		TAS				a_e	
GUNZ	143.84		PKPdf	21:31:35.650	0.1	38.1		3.19		TAS				a_e	
IBBN	143.88		PKPdf	21:31:35.300	-0.5	38.1		3.19		TAS				a_e	
MANZ	144.22		PKPdf	21:31:36.950	-0.5	38.1		3.19		TAS				a_e	
MOX	143.90		PKPdf	21:31:35.600	0.4	38.1		3.19		TAS				a_e	
NEUB	143.40		PKPdf	21:31:33.850	0.5	38.1		3.19		TAS				a_e	
PLN	143.81		PKPdf	21:31:35.400	0.3	38.1		3.19		TAS				a_e	
ROTZ	144.35		PKPdf	21:31:37.500		38.1		3.19		TAS				a_e	
STU	146.34		PKPdf	21:31:43.500		38.1		3.19		TAS				a_e	
TANN	143.74		PKPdf	21:31:35.250	0.0	38.1		3.19		TAS				a_e	
TNS	145.42		PKPdf	21:31:40.741		38.1		3.19		TAS				m_e	
UBBA	144.37		PKPdf	21:31:37.600		38.1		3.19		TAS				a_e	
UBR	146.85		PKPdf	21:31:44.700		38.1		3.19		TAS				a_e	
WERD	143.78		PKPdf	21:31:35.300	-0.4	38.1		3.19		TAS				m_e	
WERN	143.88		PKPdf	21:31:35.900	0.1	38.1		3.19		TAS				a_e	
WET	144.54		PKPdf	21:31:38.000		38.1		3.19		TAS				a_e	
WLF	146.68		PKPdf	21:31:44.900		38.1		3.19		TAS				a_e	

## Event 41025006 Mid-Indian Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/25	22:45:11.73			-10.6420	66.1380				10.0					76.35	78.51	m i ke	BGR
OrigID 41025012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	41025012
Ms	4.1		BGR	41025012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLZ	78.51		P	22:57:15.300		122.7		6.87		TAS		28.5	1.46	m_e	mb 5.1
GRA1	76.85		P	22:57:05.091		122.7		6.87		TAS		13.0	0.90	m_e	mb 5.1
GRA1	76.85		L	23:34:16.875						T__		92.9	18.30	a_e	Ms 4.1
MOX	77.19		L	23:34:25.098						T__		74.8	18.90	a_e	Ms 4.0
UBR	76.35		P	22:57:02.833		122.7		6.87		TAS		16.0	0.85	m_e	mb 5.2
WERN	76.58		P	22:57:04.695		122.7		6.87		TAS		25.3	1.56	m_e	mb 5.1

## Event 41026001 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/25	23:55:40.98			64.2800	-17.3840				33.0					17.43	21.18	m i ke	BGR
OrigID 41026007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	41026007
Ms	3.0		BGR	41026007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	21.18		P	00:00:22.665		321.9		9.55		TAS		6.3	0.87	m_e	mb 4.0
BSEG	17.43		P	00:35:35.414		321.9		9.55		TAS				m_e	
CLZ	19.05		P	23:59:59.172		321.9		9.55		TAS		15.7	1.04	m_e	mb 4.2
GRA1	21.09		P	00:00:22.252		321.9		9.55		TAS		12.7	1.04	m_e	mb 4.2
GRA1	21.09		L	00:15:13.298						T__		37.8	19.40	a_e	Ms 2.8
MOX	20.47		P	00:00:14.113		321.9		9.55		TAS		23.1	1.30	m_e	mb 4.2
MOX	20.47		L	00:08:53.091						T__		90.4	18.30	a_e	Ms 3.2

## Event 41026002 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/26	00:30:51.91			34.3060	24.8790				33.0					16.73	20.51	m i ke	BGR
OrigID 41026008																	



Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	41026008
Ms	2.9		BGR	41026008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	18.67		L	00:45:59.721						T__		49.6	19.30	a_e	Ms	2.8
CLL	19.05		L	00:44:29.606						T__		114.7	18.30	a_e	Ms	3.2
FLT1	20.51		P	00:35:26.772		149.2		11.23		TAS		26.6	0.88	m_e	mb	4.6
FUR	17.18		L	00:43:25.174						T__		48.4	20.30	a_e	Ms	2.7
GEC2	16.73		P	00:34:46.460		149.2		11.23		TAS		16.4	0.81	m_e	mb	4.2
GRA1	18.38		P	00:35:04.351		149.2		11.23		TAS		20.3	1.06	m_e	mb	4.2
GRA1	18.38		L	00:42:25.898						T__		116.7	18.10	a_e	Ms	3.2
GTTG	20.33		P	00:35:26.326		149.2		11.23		TAS		54.0	0.90	m_e	mb	4.8
MOX	18.98		L	00:45:54.758						T__		25.4	21.10	a_e	Ms	2.5
TANN	18.49		P	00:35:05.794		149.2		11.23		TAS		27.0	0.95	m_e	mb	4.4
TNS	19.95		L	00:44:27.743						T__		65.2	19.70	a_e	Ms	3.0
WET	17.29		P	00:34:52.469		149.2		11.23		TAS		21.0	0.94	m_e	mb	4.3
WET	17.29		L	00:44:48.744						T__		48.5	19.70	a_e	Ms	2.7

Event 41026011 Azores Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/26	01:19:19.74			41.6220	-28.8240				33.0					26.93	30.03	m i ke	BGR
				OrigID													
				41026017													

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	41026017
Ms	3.7		BGR	41026017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	26.93		L	01:33:28.885						T__		178.2	21.20	a_e	Ms	3.6
BSEG	28.66		L	01:34:18.029						T__		165.7	20.10	a_e	Ms	3.6
CLL	30.03		L	01:34:30.897						T__		134.2	20.80	a_e	Ms	3.6
FUR	28.90		L	01:33:50.314						T__		184.6	20.90	a_e	Ms	3.7
GRA1	28.85		P	01:25:14.695		269.2		8.89		TAS		14.6	1.37	m_e	mb	4.6
GRA1	28.85		L	01:35:24.537						T__		301.7	18.60	a_e	Ms	3.9
KAST	27.14		L	01:34:26.212						T__		235.6	18.60	a_e	Ms	3.8
MOX	29.12		L	01:35:05.368						T__		203.5	20.60	a_e	Ms	3.7
TNS	27.08		L	01:34:13.218						T__		208.0	18.20	a_e	Ms	3.7
WET	29.93		L	01:35:33.707						T__		215.8	19.00	a_e	Ms	3.8

Event 41026010 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/26	01:22:57.00			44.2100	147.5900				79.0					75.64	81.15	m i ke	NEIC
OrigID 41026064																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	41026016
Ms	4.0		BGR	41026016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	81.15		P	01:35:02.881		27.8		4.63		TAS		3.5	1.01	m_e	mb 4.3
BFO	81.15		L	02:17:05.575						T__		94.2	18.20	a_e	Ms 4.2
BSEG	75.64		L	02:10:27.417						T__		90.7	19.30	a_e	Ms 4.1
CLL	77.05		P	01:34:40.757		27.8		4.63		TAS		9.6	1.07	m_e	mb 4.9
CLL	77.05		L	02:12:31.819						T__		53.6	19.70	a_e	Ms 3.9
FUR	80.33		L	02:14:35.121						T__		64.9	18.10	a_e	Ms 4.0
GEC2	78.91		P	01:34:51.326		27.8		4.63		TAS		1.7	0.50	m_e	mb 4.3
GRA1	79.03		P	01:34:52.463		27.8		4.63		TAS		4.9	0.88	m_e	mb 4.5
GRA1	79.03		L	02:11:22.898						T__		60.7	19.30	a_e	Ms 3.9
GUNZ	78.08		P	01:34:46.676		27.8		4.63		TAS		2.2	0.66	m_e	mb 4.4
KAST	78.59		P	01:34:49.635		27.8		4.63		TAS		8.8	1.23	m_e	mb 4.7
MOX	78.08		P	01:34:46.958		27.8		4.63		TAS				m_e	
MOX	78.08		L	02:12:21.646						T__		79.9	18.50	a_e	Ms 4.1
RJOB	80.17		P	01:34:57.808		27.8		4.63		TAS		3.3	0.87	m_e	mb 4.3
TNS	79.45		L	02:10:28.455						T__		61.8	18.00	a_e	Ms 4.0
WERN	78.13		P	01:34:47.099		27.8		4.63		TAS		4.4	0.63	m_e	mb 4.7
WET	78.94		P	01:34:51.890		27.8		4.63		TAS		3.5	0.79	m_e	mb 4.4
WET	78.94		L	02:09:44.086						T__		38.5	18.70	a_e	Ms 3.8

Event 41026009 Nicobar Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/26	02:58:45.90			7.4420	94.5080				33.0					79.78	80.03	m i ke	BGR
OrigID 41026015																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	41026015
Ms	4.3		BGR	41026015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	80.03		L	03:50:16.860						T__		145.2	18.00	a_e	Ms 4.4
GRC1	79.83		P	03:10:51.259		101.2		4.86		TAS		5.9	1.01	m_e	mb 4.5
MOX	79.78		L	03:42:18.681						T__		141.6	21.30	a_e	Ms 4.3

Event 41026008 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/26	05:55:07.72			63.4120	-14.1840				10.0			32		15.78	21.63	m i ke	BGR
OrigID 41026014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	41026014
Ms	4.8		BGR	41026014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	17.22		P	05:59:08.598	-0.1	324.6		10.94		TAS		451.6	2.19	m_e	mb	5.2
ASSE	17.28		P	05:59:09.324	-0.1	324.6		10.94		TAS		445.5	2.27	m_e	mb	5.2
BFO	19.52		P	05:59:34.020	0.2	324.6		10.94		TAS		252.6	1.90	m_e	mb	5.1
BFO	19.52		L	06:08:25.410						T__		4144.6	18.40	a_e	Ms	4.8
BRG	19.55		P	05:59:33.476	0.7	324.6		10.94		TAS		372.4	1.96	m_e	mb	5.3
BSEG	15.78		P	05:58:50.984	0.9	324.6		10.94		TAS		195.5	1.69	m_e	mb	5.0
BSEG	15.78		L	06:06:17.342						T__		9315.0	18.10	a_e	Ms	5.0
BUG	16.54		P	05:59:02.605	0.0	324.6		10.94		TAS		385.4	2.05	m_e	mb	5.2
CLL	18.84		P	05:59:26.212	-0.5	324.6		10.94		TAS		257.9	1.79	m_e	mb	5.2
CLL	18.84		L	06:08:22.412						T__		5219.7	18.00	a_e	Ms	4.9
CLZ	17.39		P	05:59:10.777	2.4	324.6		10.94		TAS		307.0	1.86	m_e	mb	5.1
FBE	19.28		P	05:59:31.841	0.7	324.6		10.94		TAS		591.8	2.11	m_e	mb	5.4
FLT1	17.35		P	05:59:09.869	0.2	324.6		10.94		TAS		257.9	2.00	m_e	mb	5.0
FUR	20.71		P	05:59:48.489		324.6		10.94		TAS		689.2	2.24	m_e	mb	5.6
FUR	20.71		L	06:10:34.230						T__		3166.8	18.10	a_e	Ms	4.7
GEC2	21.06		P	05:59:51.998		324.6		10.94		TAS		362.6	2.26	m_e	mb	5.3
GEC2	21.06		L	06:09:27.663						T__		5247.1	19.30	a_e	Ms	4.9
GOR1	16.88		P	05:59:04.966	-0.2	324.6		10.94		TAS		809.1	1.94	m_e	mb	5.5
GRA1	19.43		P	05:59:33.657	-0.2	324.6		10.94		TAS		424.6	2.13	m_e	mb	5.3
GRA1	19.43		L	06:09:22.939						T__		4658.7	18.30	a_e	Ms	4.8
GTTG	17.46		P	05:59:11.866	0.8	324.6		10.94		TAS		274.5	1.79	m_e	mb	5.1
GUNZ	19.31		P	05:59:32.204	0.8	324.6		10.94		TAS		441.1	2.07	m_e	mb	5.3
IBBN	16.02		P	05:58:55.469	-0.7	324.6		10.94		TAS		219.2	1.73	m_e	mb	5.0
MANZ	19.53		P	05:59:34.202	1.0	324.6		10.94		TAS		151.7	1.65	m_e	mb	5.0
MOX	18.81		P	05:59:26.030	0.3	324.6		10.94		TAS		310.7	1.81	m_e	mb	5.2
MOX	18.81		L	06:08:29.389						T__		6980.5	18.50	a_e	Ms	5.0
NEUB	18.44		P	05:59:23.125	0.2	324.6		10.94		TAS		339.5	1.66	m_e	mb	5.2
NRDL	16.78		P	05:59:03.513	-0.3	324.6		10.94		TAS		525.9	2.33	m_e	mb	5.3
PLN	19.15		P	05:59:29.481	0.1	324.6		10.94		TAS		482.9	2.09	m_e	mb	5.4
RJOB	21.63		P	05:59:55.266		324.6		10.94		TAS		283.0	2.41	m_e	mb	5.3
ROTZ	19.74		P	05:59:36.744	-2.4	324.6		10.94		TAS		365.0	2.56	m_e	mb	5.2
RUE	18.27		P	05:59:20.764	0.8	324.6		10.94		TAS		313.7	2.12	m_e	mb	5.1
STU	19.45		P	05:59:33.839	-0.9	324.6		10.94		TAS		281.4	1.92	m_e	mb	5.2
TANN	19.32		P	05:59:32.386	-0.3	324.6		10.94		TAS		931.4	2.14	m_e	mb	5.6
TNS	17.97		P	05:59:17.133	0.1	324.6		10.94		TAS		429.4	2.53	m_e	mb	5.1
TNS	17.97		L	06:06:27.309						T__		1913.7	21.80	a_e	Ms	4.3
UBBA	18.06		P	05:59:18.767	-0.8	324.6		10.94		TAS		297.6	2.05	m_e	mb	5.1

UBR	20.70	P	05:59:46.913	324.6	10.94	TAS	186.5	1.54	m_e	mb	5.2
WERN	19.39	P	05:59:32.386	-0.2 324.6	10.94	TAS	204.9	1.43	m_e	mb	5.2
WET	20.50	P	05:59:44.371	324.6	10.94	TAS	243.0	1.95	m_e	mb	5.2
WET	20.50	L	06:09:01.895			T__	5520.3	19.70	a_e	Ms	4.9

Event 41026007 Central Peru

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/26	10:45:32.90			-10.5900	-74.1200				131.0			20		92.55	96.90	m i ke	EMSC
41026039																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.7		BGR	41026013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	92.55		Pdiff	10:58:30.304	-0.5					T__				m_e	
BFO	92.85		Pdiff	10:58:30.211	-0.3					T__				m_e	
BFO	92.85		L	11:33:56.707						T__		237.4	21.90	a_e Ms	4.6
BRG	96.90		Pdiff	10:58:49.628						T__				m_e	
BSEG	95.21		L	11:35:12.825						T__		296.3	19.90	a_e Ms	4.8
BUG	92.88		Pdiff	10:58:31.073	-0.2					T__				m_e	
CLL	96.38		L	11:34:39.544						T__		336.9	21.90	a_e Ms	4.8
FBE	96.54		Pdiff	10:58:48.087						T__				m_e	
FUR	94.75		Pdiff	10:58:39.823	-0.6					T__				m_e	
FUR	94.75		L	11:33:44.034						T__		225.9	18.60	a_e Ms	4.7
GEC2	96.45		Pdiff	10:58:47.239						T__				m_e	
GEC2	96.45		L	11:34:18.569						T__		252.2	22.00	a_e Ms	4.7
GRA1	94.99		Pdiff	10:58:40.998	-0.1					T__				m_e	
GRA1	94.99		L	11:34:18.477						T__		279.9	21.80	a_e Ms	4.7
GUNZ	95.81		Pdiff	10:58:44.602						T__				m_e	
IBBN	93.37		Pdiff	10:58:33.648	-0.0					T__				m_e	
MANZ	95.61		Pdiff	10:58:44.012						T__				m_e	
MOX	95.41		Pdiff	10:58:43.055	-0.2					T__				m_e	
MOX	95.41		L	11:34:22.625						T__		297.4	19.10	a_e Ms	4.8
PLN	95.72		Pdiff	10:58:44.198						T__				m_e	
RJOB	95.68		Pdiff	10:58:43.050						T__				m_e	
ROTZ	95.63		Pdiff	10:58:44.049						T__				m_e	
STU	93.51		Pdiff	10:58:33.803	0.4					T__				m_e	
TANN	95.90		Pdiff	10:58:45.408						T__				m_e	
TNS	93.34		Pdiff	10:58:33.090	-0.2					T__				m_e	
TNS	93.34		L	11:31:53.300						T__		510.9	21.60	a_e Ms	4.9
UBR	93.89		Pdiff	10:58:35.758	0.2					T__				m_e	
WET	95.96		Pdiff	10:58:45.041						T__				m_e	
WET	95.96		L	11:34:23.985						T__		243.3	19.70	a_e Ms	4.7

Event 41026006 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/26	19:47:35.30			-4.7700	152.7600				60.0				15	122.81	125.00	m i ke	NEIC
OrigID 41026045																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.5		BGR	41026012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	122.81		PKPdf	20:06:25.216	0.5	49.0		2.03		TAS				m_e	
CLZ	123.68		PKPdf	20:06:27.639	-0.3	49.0		2.03		TAS				m_e	
FBE	122.88		PKPdf	20:06:25.443	0.3	49.0		2.03		TAS				m_e	
FLT1	122.96		PKPdf	20:06:25.595	0.2	49.0		2.03		TAS				m_e	
GEC2	124.01		PKPdf	20:06:28.018		49.0		2.03		TAS				m_e	
GRA1	124.72		PKPdf	20:06:29.002		49.0		2.03		TAS				m_e	
GRA1	124.72		L	21:04:38.766						T__		83.4	18.40	a_e Ms	4.4
GUNZ	123.74		PKPdf	20:06:27.639		49.0		2.03		TAS				m_e	
KAST	125.00		PKPdf	20:06:29.456		49.0		2.03		TAS				m_e	
MANZ	124.09		PKPdf	20:06:28.396		49.0		2.03		TAS				m_e	
MOX	123.90		L	21:02:46.484						T__		105.8	19.60	a_e Ms	4.5
NEUB	123.47		PKPdf	20:06:26.882	0.3	49.0		2.03		TAS				m_e	
NRDL	123.35		PKPdf	20:06:25.973	-0.2	49.0		2.03		TAS				m_e	
TANN	123.64		PKPdf	20:06:26.958	-0.3	49.0		2.03		TAS				m_e	
UBBA	124.55		PKPdf	20:06:29.229		49.0		2.03		TAS				m_e	
WERN	123.77		PKPdf	20:06:27.639		49.0		2.03		TAS				m_e	
WET	124.25		PKPdf	20:06:28.245		49.0		2.03		TAS				m_e	

Event 41027007 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/27	01:05:21.05			64.4580	-17.5000				10.0					17.55	22.86	m i ke	BGR
OrigID 41027013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	41027013
Ms	3.8		BGR	41027013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	21.32		P	01:10:08.759		323.2		10.74		TAS		72.0	1.66	m_e mb	4.7
BFO	21.32		L	01:21:12.457						T__		206.7	18.50	a_e Ms	3.6
BSEG	17.55		L	01:16:30.823						T__		487.4	20.50	a_e Ms	3.7
CLL	20.62		P	01:09:59.678		323.2		10.74		TAS		158.0	2.26	m_e mb	4.9
CLL	20.62		L	01:18:05.734						T__		437.0	18.30	a_e Ms	3.9

FUR	22.51	L	01:20:36.541			T__	541.3	18.00	a_e	Ms	4.0
GEC2	22.86	P	01:10:25.216	323.2	10.74	TAS	40.6	1.34	m_e	mb	4.8
GRA1	21.23	P	01:10:07.462	323.2	10.74	TAS	53.9	1.18	m_e	mb	4.8
GRA1	21.23	L	01:19:26.057			T__	489.1	18.20	a_e	Ms	3.9
MOX	20.60	P	01:09:59.489	323.2	10.74	TAS	43.8	1.36	m_e	mb	4.6
MOX	20.60	L	01:18:32.935			T__	526.8	19.70	a_e	Ms	3.9
TNS	19.77	L	01:18:27.290			T__	203.4	19.50	a_e	Ms	3.5
WET	22.30	L	01:19:12.552			T__	387.3	20.70	a_e	Ms	3.8

Event 41027006 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/27	17:36:12.83			64.4440	-17.5930				33.0					17.58	22.54	m i ke	BGR
	41027012																

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	41027012
Ms	2.9		BGR	41027012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	21.35		L	17:47:59.670						T__		40.7	21.60	a_e	Ms	2.8
BSEG	17.58		L	17:49:35.035						T__		85.6	18.40	a_e	Ms	3.0
CLL	20.65		L	17:48:35.905						T__		86.6	18.40	a_e	Ms	3.2
CLZ	19.21		P	17:40:33.296		323.8		10.52		TAS		37.9	1.64	m_e	mb	4.4
FBE	21.09		P	17:40:52.489		323.8		10.52		TAS		47.3	1.78	m_e	mb	4.5
FUR	22.54		L	17:55:17.365						T__		45.6	19.80	a_e	Ms	2.9
GRA1	21.25		L	17:47:28.723						T__		34.8	19.90	a_e	Ms	2.7
GRA3	21.23		P	17:40:55.613		323.8		10.52		TAS		48.8	1.62	m_e	mb	4.6
GUNZ	21.13		P	17:40:53.021		323.8		10.52		TAS		19.7	1.40	m_e	mb	4.2
MOX	20.63		P	17:40:47.561		323.8		10.52		TAS		21.8	1.50	m_e	mb	4.3
MOX	20.63		L	17:48:51.814						T__		57.1	21.20	a_e	Ms	2.9
TNS	19.80		L	17:50:16.803						T__		68.4	19.20	a_e	Ms	3.0
WERN	21.21		P	17:40:55.019		323.8		10.52		TAS		20.8	1.29	m_e	mb	4.3
WET	22.33		L	17:49:51.515						T__		61.4	21.60	a_e	Ms	3.0

Event 41028007 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/28	03:15:40.78			-16.3160	-174.5400				33.0					142.27	147.99	m i ke	BGR
	41028013																

Magnitude	Err	Nsta	Author	OrigID
Ms	6.1		BGR	41028013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.99		L	04:45:20.766						T__		2584.4	18.30	a_e Ms	6.1
BSEG	142.27		L	04:36:15.273						T__		3010.6	21.40	a_e Ms	6.0
CLL	144.57		L	04:34:52.242						T__		3496.5	22.00	a_e Ms	6.1
FUR	147.88		L	04:44:02.243						T__		3092.8	20.90	a_e Ms	6.1
GEC2	146.87		L	04:47:01.848						T__		3526.5	19.20	a_e Ms	6.2
GRA1	146.38		PKPbc	03:35:17.520		10.0		3.02		TAS				m_e	
GRA1	146.38		L	04:38:31.167						T__		3145.3	21.50	a_e Ms	6.1
MOX	145.40		L	04:38:23.757						T__		2496.1	21.00	a_e Ms	6.0
TNS	146.09		L	04:39:09.477						T__		2399.8	21.10	a_e Ms	5.9
WET	146.70		L	04:45:13.443						T__		3163.7	19.70	a_e Ms	6.1

Event 41028008 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/28	08:19:09.10		28.8400	52.9210					33.0					35.98	39.75	m i ke	BGR
OrigID 41028014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	41028014
Ms	4.2		BGR	41028014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	39.26		L	08:44:55.908						T__		332.7	20.50	a_e Ms	4.2
BSEG	39.75		L	08:47:20.687						T__		365.4	20.60	a_e Ms	4.2
CLL	37.26		L	08:45:12.603						T__		394.4	18.00	a_e Ms	4.2
CLZ	38.98		P	08:26:32.761		111.3		9.30		TAS		19.7	0.89	m_e mb	4.7
FUR	37.31		L	08:45:15.098						T__		256.5	20.20	a_e Ms	4.0
GEC2	35.98		L	08:43:52.205						T__		418.0	18.40	a_e Ms	4.2
GOR1	38.85		P	08:26:31.688		111.3		9.30		TAS		54.3	0.99	m_e mb	5.1
GRA1	37.78		P	08:26:22.023		111.3		9.30		TAS		29.7	0.63	m_e mb	5.2
GRA1	37.78		L	08:49:21.527						T__		197.9	18.20	a_e Ms	4.0
MOX	37.85		L	08:46:01.426						T__		327.6	19.20	a_e Ms	4.2
NRDL	39.36		P	08:26:36.383		111.3		9.30		TAS		55.7	1.09	m_e mb	5.1
TNS	39.65		L	08:47:37.205						T__		402.1	18.50	a_e Ms	4.3
WET	36.59		L	08:42:50.988						T__		332.8	18.10	a_e Ms	4.2

Event 41029009 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/29	02:29:26.17		64.6010	-17.3800					10.0					17.56	22.32	m i ke	BGR
OrigID 41029015																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	41029015
Ms	3.3		BGR	41029015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	21.37		P	02:34:13.158		324.3		10.31		TAS		71.5	2.01	m_e	mb	4.7
BFO	21.37		L	02:42:22.404						T__		83.6	21.52	a_e	Ms	3.1
BSEG	17.56		L	02:39:42.917						T__		182.4	21.82	a_e	Ms	3.3
CLL	20.63		P	02:34:03.818		324.3		10.31		TAS		74.9	2.05	m_e	mb	4.7
CLL	20.63		L	02:42:01.793						T__		153.9	20.56	a_e	Ms	3.4
FBE	21.07		P	02:34:09.377		324.3		10.31		TAS		219.8	2.45	m_e	mb	5.1
GRA1	21.26		P	02:34:11.860		324.3		10.31		TAS		239.8	2.86	m_e	mb	5.0
GRA1	21.26		L	02:42:14.489						T__		134.8	21.36	a_e	Ms	3.3
GUNZ	21.12		P	02:34:09.377		324.3		10.31		TAS		141.1	2.40	m_e	mb	4.9
MANZ	21.35		P	02:34:11.379		324.3		10.31		TAS		42.6	1.95	m_e	mb	4.4
MOX	20.63		P	02:34:02.928		324.3		10.31		TAS		123.9	2.21	m_e	mb	4.8
MOX	20.63		L	02:42:27.872						T__		184.6	21.36	a_e	Ms	3.4
PLN	20.96		P	02:34:07.376		324.3		10.31		TAS		206.4	2.51	m_e	mb	5.0
ROTZ	21.56		P	02:34:14.270		324.3		10.31		TAS		88.6	2.16	m_e	mb	4.8
TANN	21.13		P	02:34:09.822		324.3		10.31		TAS		219.7	2.31	m_e	mb	5.1
TNS	19.81		L	02:40:23.953						T__		108.1	18.10	a_e	Ms	3.2
WET	22.32		L	02:43:08.602						T__		205.2	21.36	a_e	Ms	3.5

Event 41029010 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/29	05:23:50.23			64.6800	-17.3120				10.0					17.57	22.89	m i ke	BGR
	41029016																

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	41029016
Ms	4.0		BGR	41029016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	21.39		L	05:37:25.844						T__		740.2	19.06	a_e	Ms	4.1
BSEG	17.57		L	05:35:08.635						T__		1249.0	18.98	a_e	Ms	4.2
CLL	20.64		L	05:37:23.054						T__		735.4	18.58	a_e	Ms	4.1
FUR	22.57		L	05:37:15.254						T__		245.5	21.80	a_e	Ms	3.6
GEC2	22.89		L	05:38:17.799						T__		782.3	20.08	a_e	Ms	4.1
GRA1	21.27		P	05:28:36.084		324.4		10.16		TAS		36.4	1.12	m_e	mb	4.6
GRA1	21.27		L	05:36:58.483						T__		479.7	21.74	a_e	Ms	3.8
MOX	20.64		L	05:37:10.086						T__		941.5	20.14	a_e	Ms	4.2
TNS	19.83		L	05:38:23.681						T__		180.9	19.12	a_e	Ms	3.4
WET	22.34		L	05:38:01.914						T__		791.1	20.40	a_e	Ms	4.1



Event 41029011 Reykjanes Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/29	15:50:42.24			59.1760	-31.0460				10.0					23.10	27.73	m i ke	BGR
OrigID 41029107																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	41029017
Ms	3.7		BGR	41029017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	25.30		L	16:04:40.786						T__		88.8	19.20	a_e Ms	3.3
BSEG	23.10		L	16:03:08.129						T__		166.6	21.86	a_e Ms	3.4
CLL	25.89		L	16:05:52.996						T__		250.9	19.94	a_e Ms	3.7
FUR	26.92		L	16:05:38.898						T__		151.8	21.66	a_e Ms	3.5
GEC2	27.73		L	16:06:47.304						T__		326.4	19.58	a_e Ms	3.9
GRA1	25.93		P	15:56:13.862		304.9		8.86		TAS		24.4	1.25	m_e mb	4.7
GRA1	25.93		L	16:05:32.399						T__		344.5	20.34	a_e Ms	3.9
MOX	25.56		L	16:04:48.992						T__		260.3	21.62	a_e Ms	3.7
PLN	25.93		P	15:56:12.899		304.9		8.86		TAS		8.2	1.00	m_e mb	4.3
TNS	24.18		L	16:04:06.462						T__		269.6	21.82	a_e Ms	3.7
WET	27.12		L	16:06:38.854						T__		382.6	19.04	a_e Ms	4.0

Event 41029012 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/29	16:09:26.33			64.8850	-17.2430				10.0					19.29	21.50	m i ke	BGR
OrigID 41029018																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	41029018
Ms	2.6		BGR	41029018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	21.50		P	16:14:12.002		325.1		10.60		TAS		14.3	1.10	m_e mb	4.2
BRG	21.41		P	16:14:10.845		325.1		10.60		TAS		21.2	1.15	m_e mb	4.4
CLL	20.70		P	16:14:03.244		325.1		10.60		TAS		31.2	1.52	m_e mb	4.4
CLZ	19.29		P	16:13:48.324		325.1		10.60		TAS		20.3	1.25	m_e mb	4.2
FBE	21.15		P	16:14:08.165		325.1		10.60		TAS		63.0	1.89	m_e mb	4.6
GRA1	21.35		P	16:14:13.068		325.1		10.60		TAS		17.6	1.12	m_e mb	4.3
GRA1	21.35		L	16:23:30.797						T__		24.7	19.20	a_e Ms	2.6
GUNZ	21.21		P	16:14:08.721		325.1		10.60		TAS		18.1	1.15	m_e mb	4.3
MANZ	21.44		P	16:14:10.764		325.1		10.60		TAS		17.5	1.32	m_e mb	4.2

MOX	20.71	L	16:22:47.753						T__	23.3	18.84	a_e	Ms	2.6
NEUB	20.33	P	16:13:59.650	325.1	10.60				TAS	29.8	1.15	m_e	mb	4.4
PLN	21.05	P	16:14:07.040	325.1	10.60				TAS	29.0	1.42	m_e	mb	4.4
TANN	21.22	P	16:14:08.701	325.1	10.60				TAS	34.8	1.25	m_e	mb	4.5
WERN	21.29	P	16:14:09.611	325.1	10.60				TAS	25.3	1.17	m_e	mb	4.4

Event 41030012 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/30	19:21:51.60			64.8000	-17.7400				10.0					21.49	21.49	m i ke	EMSC
OrigID 41030044																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	41030018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	21.49		P	19:26:40.033		325.5		10.42		TAS		12.0	1.02	m_e	mb	4.2

Event 41031003 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/31	01:30:43.30			64.6500	-17.7000				10.0				22	16.78	23.02	m i ke	EMSC
OrigID 41031039																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	41031009
Ms	4.3		BGR	41031009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	19.20		P	01:35:07.313	0.1	325.2		10.90		TAS		154.6	1.56	m_e	mb	5.0
ASSE	19.23		P	01:35:05.138	0.5	325.2		10.90		TAS		155.6	2.06	m_e	mb	4.9
BRG	21.48		P	01:35:29.322		325.2		10.90		TAS		171.4	1.61	m_e	mb	5.1
BSEG	17.71		P	01:34:46.399	-1.1	325.2		10.90		TAS		246.2	2.19	m_e	mb	5.0
BUG	18.52		P	01:34:58.347	-0.4	325.2		10.90		TAS		113.6	1.44	m_e	mb	4.9
CLL	20.78		P	01:35:21.714	-0.7	325.2		10.90		TAS		128.0	1.47	m_e	mb	5.0
FBE	21.22		P	01:35:26.741		325.2		10.90		TAS		141.7	1.59	m_e	mb	5.1
FUR	22.69		P	01:35:43.452		325.2		10.90		TAS		390.3	1.76	m_e	mb	5.6
GEC2	23.02		P	01:35:46.688		325.2		10.90		TAS		174.4	1.86	m_e	mb	5.3
GRA1	21.40		P	01:35:29.322		325.2		10.90		TAS		126.7	1.50	m_e	mb	5.0
GRA1	21.40		L	01:43:55.744						T__		1171.2	20.30	a_e	Ms	4.3
GUNZ	21.27		P	01:35:27.684		325.2		10.90		TAS		182.2	1.64	m_e	mb	5.1
IBBN	18.00		P	01:34:51.722	-1.1	325.2		10.90		TAS		247.8	1.96	m_e	mb	5.0
KAST	19.13		P	01:35:05.276	-0.3	325.2		10.90		TAS		92.1	1.66	m_e	mb	4.7

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MANZ	21.49	P	01:35:29.594		325.2	10.90	TAS	105.8	1.61	m_e	mb	4.9
MOX	20.77	P	01:35:22.122	1.5	325.2	10.90	TAS	130.1	1.51	m_e	mb	5.0
MOX	20.77	L	01:43:44.982				T__	1320.0	20.10	a_e	Ms	4.3
NEUB	20.39	P	01:35:18.046	0.7	325.2	10.90	TAS	245.7	1.49	m_e	mb	5.2
PLN	21.10	P	01:35:25.654	-0.2	325.2	10.90	TAS	133.4	1.50	m_e	mb	5.1
SKMB	16.78	P	01:34:38.647	1.4	325.2	10.90	TAS	347.1	1.69	m_e	mb	5.2
STU	21.43	P	01:35:30.002		325.2	10.90	TAS	187.8	1.68	m_e	mb	5.1
TANN	21.28	P	01:35:27.689		325.2	10.90	TAS	151.2	1.69	m_e	mb	5.1
UBR	22.68	P	01:35:45.455		325.2	10.90	TAS	207.5	1.49	m_e	mb	5.4
WERD	21.19	P	01:35:26.801		325.2	10.90	TAS	46.4	1.39	m_e	mb	4.6

Event 41031008 Romania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2014/10/31	23:00:05.10			45.1700	22.2900				10.0					6.93	10.61	m i ke	GFZ
OrigID 41031048																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FLT1	10.22		Pn	23:02:32.454						T__					m_e
GEC2	6.93		Pn	23:01:45.744						T__					m_e
GRA1	8.76		Pn	23:02:10.775						T__					m_e
GUNZ	8.48		Pn	23:02:06.529						T__					m_e
MANZ	8.40		Pn	23:02:05.431						T__					m_e
RJOB	7.04		Pn	23:01:47.492						T__					m_e
STU	9.65		Pn	23:02:23.984						T__					m_e
TANN	8.44		Pn	23:02:05.874						T__					m_e
TNS	10.61		Pn	23:02:36.787						T__					m_e
UBR	8.78		Pn	23:02:11.596						T__					m_e