

MONTHLY BULLETIN of REGIONAL and TELESEISMIC EVENTS RECORDED with GRF- and GRSN-STATIONS in GERMANY
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(produced by SZO/BGR - HANNOVER)

January 2015 UPDATED 18.September 2017

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

Event 50101001 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/01	05:01:12.83			39.6730	142.7380				33.0					81.30	81.30	m i ke	BGR
OrigID 50101007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50101007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.30		P	05:13:24.555		38.3		4.53		TAS		7.2	0.85	m_e mb	4.7

Event 50101003 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/01	08:49:54.30			28.7700	51.8800				10.0					37.19	37.19	m i ke	EMSC
OrigID 50101035																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50101009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	37.19		P	08:57:05.174		108.9		9.61		TAS		13.3	1.09	m_e mb	4.6

Event 50101005 Komandorsky Islands, Russia, region

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/01	09:42:05.77			55.6070	165.1320				33.0					72.83	72.83	m i ke	BGR
OrigID 50101011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50101011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	72.83		P	09:53:29.504		14.6		5.16		TAS		13.6	1.13	m_e mb	5.0

Event 50101007 Off coast of northern California, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/01	12:16:16.00			40.4000	-125.3800				10.0					82.50	82.50	m i ke	EMSC
OrigID 50101039																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50101013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	82.50		P	12:28:39.288		328.0		4.85		TAS		11.4	1.01	m_e mb	4.9

Event 50101008 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/01	12:30:14.28			64.2580	-18.4650				33.0					21.49	21.49	m i ke	BGR
OrigID 50101014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	50101014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.49		P	12:34:59.841		322.7		10.63		TAS		12.6	1.35	m_e mb	4.1

Event 50101009 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/01	13:57:15.74			42.0280	145.1920				33.0					80.14	80.14	m i ke	BGR
OrigID 50101015																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50101015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	80.14		P	14:09:21.179		34.1		4.71		TAS		6.8	0.94	m_e	mb	4.6

Event 50101011 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/01	14:43:09.58			64.9540	-20.0090				33.0					22.41	22.41	m i ke	BGR
OrigID																	
50101017																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	50101017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	22.41		P	14:48:04.886		323.5		10.39		TAS		12.9	1.40	m_e	mb	4.3

Event 50101012 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/01	18:40:39.60			-24.2200	-177.0600				116.0					153.76	153.76	m i ke	EMSC
OrigID																	
50101044																	

Magnitude	Err	Nsta	Author	OrigID
mb				

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	153.76		PKP	19:00:38.045		17.3		3.95		TAS				m_e	

Event 50101013 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/01	19:16:51.62			49.9300	-25.5470				33.0					23.58	23.58	m i ke	BGR
OrigID																	
50101019																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	50101019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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GRA1 23.58 P 19:21:58.947 284.5 9.16 TAS 13.8 1.31 m_e mb 4.3

Event 50101015 Southern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/01	19:48:10.72	5.73	1.71	41.7300	14.0330	176.8	35.6	169	10.0			18	320	4.79	9.34	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	50101021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	5.62		Pn	19:49:32.826	0.4					T__				m_e	
BE1	6.50		Pn	19:49:44.356	0.2					T__				m_e	
BFO	7.74		Pn	19:49:57.838	-3.0					T__				m_e	
DAVA	6.30		Pn	19:49:42.339	0.8					T__				m_e	
GEC2	7.12		Pn	19:49:50.546	-2.0					T__				m_e	
KBA	5.37		Pn	19:49:30.629	1.6					T__				m_e	
KW1	6.47		Pn	19:49:44.012	0.1					T__				m_e	
MOA	6.12		Pn	19:49:38.986	-0.2					T__				m_e	
NORI	7.39		Pn	19:49:54.271	-2.0					T__				m_e	
OBER	6.27		Pn	19:49:41.978	0.8					T__				m_e	
OBKA	4.79		Pn	19:49:23.206	1.9					T__				m_e	ML 4.1
PART	6.13		Pn	19:49:40.460	1.2					T__				m_e	
ROTZ	8.14		Pn	19:50:03.417	-2.9					T__				m_e	
TNS	9.34		Pn	19:50:23.930	1.5					T__				m_e	
UBR	6.57		Pn	19:49:45.078	-0.2					T__				m_e	
WET	7.46		Pn	19:49:54.734	-2.4					T__				m_e	
WTTA	5.79		Pn	19:49:37.441	2.7					T__				m_e	
ZUGS	6.09		Pn	19:49:40.222	1.5					T__				m_e	

Event 50102002 Ionian Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/02	06:16:32.00	1.38	0.56	37.6000	20.5700	74.5	18.9	53	10.0			6	346	9.96	12.48	m i ke	NOA

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	10.34		Pn	06:18:58.747	0.8					T__				m_e	
DAVA	12.48		Pn	06:19:32.647	0.3					T__				m_e	
KBA	10.87		Pn	06:19:08.410	0.6					T__				m_e	

MOA	11.24	Pn	06:19:10.367	-0.6	T__	m_e
OBKA	9.96	Sn	06:20:38.516	0.2	T__	m_e
OBKA	9.96	Pn	06:18:53.888	-1.0	T__	m_e
WTTA	11.69	Sn	06:21:22.086	-0.2	T__	m_e
WTTA	11.69	Pn	06:19:20.340	0.0	T__	m_e

Event 50102004 Carlsberg Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/02	08:21:56.10			6.6300	60.3400				5.0					59.37	59.37	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50102010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	59.37		P	08:32:08.812		119.2		8.04		TAS		31.7	2.09	m_e mb	5.0

Event 50102005 Southern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/02	08:31:31.93	9.41	1.27	39.6800	15.1620	231.3	44.5	166	10.0				10	331	6.84	9.95	m i ke BGR

Magnitude	Err	Nsta	Author	OrigID
Ms	3.2		BGR	50102011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	7.57		Pn	08:33:20.053	0.1					T__				m_e	
BFO	9.95		Pn	08:33:50.794	-1.0					T__				m_e	
BFO	9.95		L	08:54:07.709						T__		455.6	36.20	m_e Ms	3.1
DAVA	8.52		Pn	08:33:33.488	0.9					T__				m_e	
GEC2	9.22		Pn	08:33:40.406	-1.7					T__				m_e	
GEC2	9.22		L	08:58:33.198						T__		549.4	23.41	m_e Ms	3.3
KBA	7.51		Pn	08:33:20.097	1.0					T__				m_e	
MOA	8.19		Pn	08:33:28.481	0.2					T__				m_e	
OBKA	6.84		Pn	08:33:11.739	1.7					T__				m_e	
UBR	8.79		Pn	08:33:36.406	0.1					T__				m_e	
WET	9.60		Pn	08:33:44.747	-2.5					T__				m_e	
WTTA	8.00		Pn	08:33:26.841	1.2					T__				m_e	

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2015/01/03 12:01:00.69 65.4080 -20.8830 33.0 22.95 22.95 m i ke BGR
50103010

Magnitude Err Nsta Author OrigID
mb 4.5 BGR 50103010

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 22.95 P 12:06:01.706 324.1 10.10 TAS 25.5 1.59 m_e mb 4.5

Event 50103005 East of Lake Baykal, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/01/03 12:29:46.16 56.4250 115.0710 33.0 56.92 56.92 m i ke BGR
50103011

Magnitude Err Nsta Author OrigID
mb 4.7 BGR 50103011

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 56.92 P 12:39:26.475 36.2 6.10 TAS 6.9 0.89 m_e mb 4.7
GRA1 56.92 X 12:40:06.940 T__ m_e

Event 50103006 Kashmir-Xinjiang border region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/01/03 12:46:14.39 36.2190 75.4070 132.6 47.47 47.47 m i ke BGR
50103012

Magnitude Err Nsta Author OrigID
mb 5.3 BGR 50103012

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 47.47 P 12:54:34.509 90.2 6.95 TAS 25.1 1.09 m_e mb 5.3
GRA1 47.47 pP 12:55:05.084 T__ m_e
GRA1 47.47 sP 12:55:21.784 T__ m_e

Event 50103007 Western Idaho, United States

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/01/03 17:43:59.24 44.1600 -116.1000 33.0 75.85 75.85 m i ke BGR

50103013

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50103013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	75.85		P	17:55:44.112		323.4		5.54		TAS		12.8	0.97	m_e	mb	5.0

Event 50104001 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/04	00:36:40.63			64.6840	-21.3520				33.0					22.80	22.80	m i ke	BGR
OrigID 50104007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	50104007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	22.80		P	00:41:40.071		322.2		10.18		TAS		31.5	2.02	m_e	mb	4.5

Event 50104002 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/04	05:51:27.88			29.4700	130.8430				33.0					84.71	84.71	m i ke	BGR
OrigID 50104008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	50104008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	84.71		P	06:03:57.572		56.4		4.65		TAS		14.2	0.95	m_e	mb	5.2

Event 50104003 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/04	07:49:33.55			65.0310	-20.3570				33.0					22.58	22.58	m i ke	BGR
OrigID 50104009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50104009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.58		P	07:54:30.631		323.5		10.30		TAS		25.9	1.45	m_e mb	4.6

Event 50104004 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/04	08:38:58.23			-22.4200	-178.0600				33.0			31		147.90	153.96	m i ke	BGR
OrigID 50104010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	151.65		PKPbc	08:58:54.712	-0.2	17.3		2.39		TAS				m_e	
AHRW	151.65		PKPab	08:59:02.121		15.7		4.21		TAS				m_e	
ASSE	149.59		PKPbc	08:58:48.926	0.4	17.3		2.39		TAS				m_e	
BFO	153.65		PKPbc	08:58:58.169		17.3		2.39		TAS				m_e	
BFO	153.65		PKPab	08:59:10.659		15.7		4.21		TAS				m_e	
BRG	150.09		PKPbc	08:58:50.125	0.1	17.3		2.39		TAS				m_e	
BRG	150.09		PKPab	08:58:55.911	0.4	15.7		4.21		TAS				m_e	
BSEG	147.90		PKPbc	08:58:44.269	-0.1	17.3		2.39		TAS				m_e	
BUG	150.74		PKPbc	08:58:51.960	0.3	17.3		2.39		TAS				m_e	
CLL	149.91		PKPbc	08:58:49.561	0.0	17.3		2.39		TAS				m_e	
CLL	149.91		PKPab	08:58:55.206	0.1	15.7		4.21		TAS				m_e	
CLZ	149.91		PKPbc	08:58:50.055	-0.0	17.3		2.39		TAS				m_e	
CLZ	149.91		PKPab	08:58:55.417	0.2	15.7		4.21		TAS				m_e	
FBE	150.19		PKPbc	08:58:50.901	0.2	17.3		2.39		TAS				m_e	
FBE	150.19		PKPab	08:58:56.829	0.1	15.7		4.21		TAS				m_e	
FLT1	149.29		PKPbc	08:58:48.008	-0.2	17.3		2.39		TAS				m_e	
FLT1	149.29		PKPab	08:58:52.595	-0.0	15.7		4.21		TAS				m_e	
FUR	153.25		PKPbc	08:58:57.464		17.3		2.39		TAS				m_e	
FUR	153.25		PKPab	08:59:09.530		15.7		4.21		TAS				m_e	
GEC2	152.02		PKPbc	08:58:54.641		17.3		2.39		TAS				m_e	
GRA1	151.81		PKPbc	08:58:54.712	-0.6	17.3		2.39		TAS				m_e	
GRA1	151.81		PKPab	08:59:03.179		15.7		4.21		TAS				m_e	
GTTG	150.27		PKPbc	08:58:50.619	0.2	17.3		2.39		TAS				m_e	
GTTG	150.27		PKPab	08:58:56.687	-0.3	15.7		4.21		TAS				m_e	
GUNZ	150.94		PKPbc	08:58:52.736	-0.2	17.3		2.39		TAS				m_e	
GUNZ	150.94		PKPab	08:59:00.074		15.7		4.21		TAS				m_e	
IBBN	149.83		PKPbc	08:58:49.490	0.0	17.3		2.39		TAS				m_e	
IBBN	149.83		PKPab	08:58:54.571	-0.2	15.7		4.21		TAS				m_e	
KAST	150.83		PKPbc	08:58:52.101	0.5	17.3		2.39		TAS				m_e	
MOX	150.83		PKPbc	08:58:52.172	0.6	17.3		2.39		TAS				m_e	
MOX	150.83		PKPab	08:58:58.804	0.2	15.7		4.21		TAS				m_e	
NEUB	150.28		PKPbc	08:58:50.619	0.2	17.3		2.39		TAS				m_e	
NEUB	150.28		PKPab	08:58:56.687	0.0	15.7		4.21		TAS				m_e	

NRDL	149.33	PKPbc	08:58:48.291	-0.2	17.3	2.39	TAS	m_e
PLN	150.86	PKPbc	08:58:52.242	0.1	17.3	2.39	TAS	m_e
PLN	150.86	PKPab	08:58:59.087	0.0	15.7	4.21	TAS	m_e
ROTZ	151.53	PKPbc	08:58:53.794	0.1	17.3	2.39	TAS	m_e
RUE	148.64	PKPbc	08:58:46.456	0.3	17.3	2.39	TAS	m_e
STU	153.08	PKPbc	08:58:57.181		17.3	2.39	TAS	m_e
STU	153.08	PKPab	08:59:08.401		15.7	4.21	TAS	m_e
TANN	150.87	PKPbc	08:58:52.313	0.6	17.3	2.39	TAS	m_e
TANN	150.87	PKPab	08:58:59.157	0.2	15.7	4.21	TAS	m_e
TNS	151.78	PKPbc	08:58:54.429	-0.3	17.3	2.39	TAS	m_e
TNS	151.78	PKPab	08:59:02.967		15.7	4.21	TAS	m_e
UBBA	150.96	PKPab	08:58:59.580		15.7	4.21	TAS	m_e
UBR	153.96	PKPbc	08:58:58.945		17.3	2.39	TAS	m_e
WERD	150.87	PKPbc	08:58:52.383	0.1	17.3	2.39	TAS	m_e
WERD	150.87	PKPab	08:58:59.510	-0.1	15.7	4.21	TAS	m_e
WERN	151.00	PKPbc	08:58:53.018	-0.4	17.3	2.39	TAS	m_e
WERN	151.00	PKPab	08:59:00.074		15.7	4.21	TAS	m_e
WET	151.96	PKPbc	08:58:54.571	-0.5	17.3	2.39	TAS	m_e
WET	151.96	PKPab	08:59:03.955		15.7	4.21	TAS	m_e
WLF	152.61	PKPbc	08:58:56.617		17.3	2.39	TAS	m_e
WLF	152.61	PKPab	08:59:06.848		15.7	4.21	TAS	m_e

Event 50104005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/04	20:18:08.18			-19.3740	-176.1840				33.0			16		146.58	151.30	m i k e	BGR
OrigID 50104011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.88		PKPbc	20:37:56.952		13.7		2.66		TAS					m_e
BRG	147.56		PKPbc	20:37:48.151	-0.5	13.7		2.66		TAS					m_e
CLL	147.32		PKPbc	20:37:47.257	0.4	13.7		2.66		TAS					m_e
FBE	147.63		PKPbc	20:37:48.426	-0.1	13.7		2.66		TAS					m_e
FLT1	146.60		PKPbc	20:37:45.185	0.2	13.7		2.66		TAS					m_e
FUR	150.65		PKPbc	20:37:55.920		13.7		2.66		TAS					m_e
GEC2	149.54		PKPbc	20:37:53.376		13.7		2.66		TAS					m_e
GRA1	149.18		PKPbc	20:37:52.855		13.7		2.66		TAS					m_e
GUNZ	148.34		PKPbc	20:37:50.626		13.7		2.66		TAS					m_e
NRDL	146.58		PKPbc	20:37:45.332	0.4	13.7		2.66		TAS					m_e
PLN	148.25		PKPbc	20:37:50.213		13.7		2.66		TAS					m_e
ROTZ	148.94		PKPbc	20:37:52.070		13.7		2.66		TAS					m_e
TANN	148.27		PKPbc	20:37:50.351		13.7		2.66		TAS					m_e
TNS	149.00		PKPbc	20:37:52.570		13.7		2.66		TAS					m_e
UBR	151.30		PKPbc	20:37:57.914		13.7		2.66		TAS					m_e

WERD 148.27 PKPbc 20:37:50.282 13.7 2.66 TAS m_e

Event 50104006 North Atlantic Ocean

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2015/01/04 21:23:29.94 14.8000 -42.8200 33.0 23 53.56 58.80 m i ke BGR
50104012

Magnitude Err Nsta Author OrigID
mb 5.1 BGR 50104012

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Lists station data for event 50104006.

Event 50104007 Kuril Islands, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2015/01/04 22:25:25.45 45.6440 150.7460 152.6 78.73 78.73 m i ke BGR
50104013

Magnitude Err Nsta Author OrigID

mb 5.1 BGR 50104013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.73		P	22:37:09.048		25.7		4.65		TAS		23.2	1.17	m_e mb	5.1
GRA1	78.73		pP	22:37:46.809						T__				m_e	

Event 50105003 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/05	15:16:34.71			30.6280	141.3030				33.0					88.57	88.57	m i ke	BGR
OrigID 50105009																	

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 50105009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	88.57		P	15:29:20.778		48.6		4.33		TAS		22.6	1.53	m_e mb	5.2
GRA1	88.57		PP	15:32:48.442		34.2		7.38		TAS				m_e	

Event 50105004 South Island, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/05	17:48:43.10			-43.1200	171.3700				10.0					164.83	164.83	m i ke	EMSC
OrigID 50105036																	

Magnitude Err Nsta Author OrigID
Ms 5.6 BGR 50105010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	164.83		PKP	18:09:43.299		71.9		3.25		TAS				m_e	
GRA1	164.83		L	19:35:58.932						T__		718.6	18.90	a_e Ms	5.6

Event 50105005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/05	20:48:20.19			-21.6300	-178.4100				554.4	3.1		31		146.76	153.12	m i ke	BGR
OrigID 50105011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.75		PKPbc	21:07:05.003	0.3	17.6		2.34		TAS				m_e	
BFO	152.82		PKPbc	21:07:14.078		17.6		2.34		TAS				m_e	
BFO	152.82		PKPab	21:07:27.656		15.9		4.22		TAS				m_e	
BRG	149.25		PKPbc	21:07:06.289	0.1	17.6		2.34		TAS				m_e	
BSEG	147.07		PKPbc	21:07:00.715	-0.1	17.6		2.34		TAS				m_e	
BUG	149.92		PKPbc	21:07:07.647	0.2	17.6		2.34		TAS				m_e	
CLL	149.07		PKPbc	21:07:05.717	-0.2	17.6		2.34		TAS				m_e	
CLZ	149.08		PKPbc	21:07:06.003	0.0	17.6		2.34		TAS				m_e	
FBE	149.35		PKPbc	21:07:06.932	0.1	17.6		2.34		TAS				m_e	
FLT1	148.46		PKPbc	21:07:03.859	-0.1	17.6		2.34		TAS				m_e	
FUR	152.41		PKPbc	21:07:13.221		17.6		2.34		TAS				m_e	
FUR	152.41		PKPab	21:07:26.370		15.9		4.22		TAS				m_e	
GEC2	151.17		PKPbc	21:07:10.648		17.6		2.34		TAS				m_e	
GRA1	150.97		PKPbc	21:07:10.257	-0.6	17.6		2.34		TAS				m_e	
GRA1	150.97		PKPab	21:07:20.153		15.9		4.22		TAS				m_e	
GTTG	149.44		PKPbc	21:07:06.932	0.1	17.6		2.34		TAS				m_e	
GTTG	149.44		PKPab	21:07:13.435		15.9		4.22		TAS				m_e	
GUNZ	150.10		PKPbc	21:07:08.504	-0.2	17.6		2.34		TAS				m_e	
GUNZ	150.10		PKPab	21:07:16.794		15.9		4.22		TAS				m_e	
IBBN	149.01		PKPbc	21:07:05.717	0.5	17.6		2.34		TAS				m_e	
IBBN	149.01		PKPab	21:07:11.792		15.9		4.22		TAS				m_e	
KAST	150.00		PKPbc	21:07:08.147	0.3	17.6		2.34		TAS				m_e	
LNIZ	146.76		PKPbc	21:06:59.857	-0.5	17.6		2.34		TAS				m_e	
MLFH	149.75		pPKPbc	21:09:14.994						T__				m_e	
MOX	149.99		PKPbc	21:07:08.004	0.5	17.6		2.34		TAS				m_e	
NEUB	149.44		PKPbc	21:07:06.646	0.3	17.6		2.34		TAS				m_e	
NEUB	149.44		PKPab	21:07:13.292		15.9		4.22		TAS				m_e	
NRDL	148.50		PKPbc	21:07:04.359	0.0	17.6		2.34		TAS				m_e	
PLN	150.02		PKPbc	21:07:08.147	0.1	17.6		2.34		TAS				m_e	
ROTZ	150.69		PKPbc	21:07:09.648	-0.4	17.6		2.34		TAS				m_e	
ROTZ	150.69		pPKPbc	21:09:18.098						T__				m_e	
STU	152.25		PKPbc	21:07:13.149		17.6		2.34		TAS				m_e	
TANN	150.02		PKPbc	21:07:08.218	0.1	17.6		2.34		TAS				m_e	
TNS	150.96		PKPbc	21:07:10.362	-0.4	17.6		2.34		TAS				m_e	
UBR	153.12		PKPbc	21:07:14.650		17.6		2.34		TAS				m_e	
WERD	150.03		PKPbc	21:07:08.290	0.2	17.6		2.34		TAS				m_e	
WERN	150.16		PKPbc	21:07:08.790	0.5	17.6		2.34		TAS				m_e	
WERN	150.16		PKPab	21:07:16.937		15.9		4.22		TAS				m_e	
WERN	150.16		pPKPbc	21:09:16.570						T__				m_e	
WET	151.11		PKPbc	21:07:10.505		17.6		2.34		TAS				m_e	
WET	151.11		PKPab	21:07:20.867		15.9		4.22		TAS				m_e	
WET	151.11		pPKPbc	21:09:19.467						T__				m_e	
WLF	151.79		PKPbc	21:07:12.792		17.6		2.34		TAS				m_e	

./2015/bul1501.txt

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/05	21:53:18.75			64.0040	-18.7930				10.0			33		21.50	21.50	m i ke	BGR
OrigID 50105012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	50105012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	21.50		P	21:58:07.042	-0.2	321.9		10.65		TAS		49.6	1.25	m_e	mb	4.8

Event 50105007 Qinghai, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/05	23:25:37.85			34.0410	95.5720				33.0					61.52	61.52	m i ke	BGR
OrigID 50105013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50105013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	61.52		P	23:35:50.672		77.1		6.07		TAS		5.1	1.19	m_e	mb	4.6

Event 50106001 Auckland Islands, New Zealand, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/06	00:14:21.10			-49.1900	164.8300				30.0					162.85	162.85	m i ke	EMSC
OrigID 50106033																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
GRA1	162.85		PKP	00:35:06.204		98.4		4.24		TAS				m_e			

Event 50106003 Jan Mayen Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/06	09:23:33.89			71.6030	-4.3440				33.0					23.12	23.12	m i ke	BGR
OrigID 50106009																	

Magnitude Err Nsta Author OrigID
 mb 4.1 BGR 50106009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	23.12		P	09:28:36.680		346.6		9.30		TAS		7.2	1.21	m_e	mb 4.1

Event 50106005 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/06	13:36:16.70			64.6490	-19.7960				33.0					22.19	22.19	m i ke	BGR
OrigID 50106011																	

Magnitude Err Nsta Author OrigID
 mb 4.3 BGR 50106011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.19		P	13:41:09.643		322.9		10.51		TAS		16.8	1.42	m_e	mb 4.3

Event 50106006 Komandorsky Islands, Russia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/06	22:09:20.06			56.0100	164.0200				33.0				31	68.31	74.39	m i ke	BGR
OrigID 50106012																	

Magnitude Err Nsta Author OrigID
 mb 5.4 BGR 50106012
 Ms 5.7 BGR 50106012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	72.10		P	22:20:41.683	-0.4	15.8		6.03		TAS		45.5	1.44	a_e	mb 5.4
ASSE	70.00		P	22:20:28.833	0.0	15.8		6.03		TAS		39.7	1.27	a_e	mb 5.4
BFO	74.06		P	22:20:52.833		15.8		6.03		TAS		33.9	1.19	a_e	mb 5.3
BRG	70.63		P	22:20:32.283	0.2	15.8		6.03		TAS		50.6	1.61	a_e	mb 5.4
BSEG	68.31		P	22:20:18.683	-0.1	15.8		6.03		TAS		36.3	1.27	a_e	mb 5.5
BUG	71.20		P	22:20:35.883	0.1	15.8		6.03		TAS		37.5	1.30	a_e	mb 5.4
CLL	70.39		P	22:20:30.633	0.0	15.8		6.03		TAS		46.7	1.13	a_e	mb 5.5
CLZ	70.33		P	22:20:31.183	-0.1	15.8		6.03		TAS		61.7	1.28	a_e	mb 5.6
FBE	70.69		P	22:20:33.033	0.1	15.8		6.03		TAS		43.3	1.21	a_e	mb 5.5
FLT1	69.71		P	22:20:26.533	-0.5	15.8		6.03		TAS		25.7	1.39	a_e	mb 5.2
FUR	73.72		P	22:20:51.083		15.8		6.03		TAS		63.6	1.43	a_e	mb 5.4
GEC2	72.61		P	22:20:44.583		15.8		6.03		TAS		22.7	1.05	a_e	mb 5.2
GRA1	72.26		P	22:20:42.833	-0.5	15.8		6.03		TAS		72.7	1.32	a_e	mb 5.6
GRA1	72.26		L	22:54:48.952						T__		4172.0	19.50	a_e	Ms 5.7

GTTG	70.68	P	22:20:33.083	0.1	15.8	6.03	TAS	54.9	1.53	a_e	mb	5.5
GUNZ	71.41	P	22:20:37.533	0.4	15.8	6.03	TAS	39.4	1.34	a_e	mb	5.4
IBBN	70.28	P	22:20:30.633	0.1	15.8	6.03	TAS	109.0	1.60	a_e	mb	5.7
KAST	71.26	P	22:20:36.583	0.2	15.8	6.03	TAS	45.3	1.50	a_e	mb	5.4
MOX	71.27	P	22:20:36.533	0.2	15.8	6.03	TAS	37.6	1.30	a_e	mb	5.4
NRDL	69.74	P	22:20:27.133	-0.3	15.8	6.03	TAS	21.8	1.28	a_e	mb	5.1
PLN	71.33	P	22:20:36.933	0.2	15.8	6.03	TAS	51.1	1.45	a_e	mb	5.4
ROTZ	72.01	P	22:20:41.183	0.0	15.8	6.03	TAS	35.0	1.30	a_e	mb	5.3
RUE	69.13	P	22:20:23.333	0.3	15.8	6.03	TAS	59.8	1.30	a_e	mb	5.7
STU	73.49	P	22:20:49.533		15.8	6.03	TAS	36.7	1.25	a_e	mb	5.3
TANN	71.34	P	22:20:37.183	0.1	15.8	6.03	TAS	41.4	1.47	a_e	mb	5.3
TNS	72.20	P	22:20:42.183	-0.2	15.8	6.03	TAS	31.1	1.39	m_e	mb	5.2
UBBA	71.38	P	22:20:37.233	0.4	15.8	6.03	TAS	53.9	1.57	a_e	mb	5.4
UBR	74.39	P	22:20:55.133		15.8	6.03	TAS	56.5	1.39	a_e	mb	5.4
WERD	71.34	P	22:20:36.983	0.2	15.8	6.03	TAS	51.0	1.32	a_e	mb	5.5
WERN	71.48	P	22:20:37.983	0.1	15.8	6.03	TAS	36.4	1.10	a_e	mb	5.4
WET	72.48	P	22:20:44.183	-0.2	15.8	6.03	TAS	46.2	1.31	a_e	mb	5.4
WLF	73.09	P	22:20:47.399		15.8	6.03	TAS	70.3	1.97	m_e	mb	5.5

Event 50107001 Southeast of Easter Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/07	03:06:43.80			-36.2500	-102.9500				2.0					131.50	131.50	m i ke	EMSC
OrigID 50107033																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	50107007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	131.50		PKP	03:25:59.466		260.0		1.49		TAS				m_e	
GRA1	131.50		L	04:10:32.900						T__		1203.3	36.50	m_e Ms	5.3

Event 50107002 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/07	04:48:29.58			24.2330	122.9650				33.0					84.79	84.79	m i ke	BGR
OrigID 50107008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50107008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	84.79		P	05:00:59.939		62.8		4.64		TAS		10.9	1.33	m_e mb	4.9

Event 50107003 South of Panama

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/07	05:07:07.60		5.8200	-82.6600					2.0				35	88.12	88.12	m i ke	EMSC
OrigID 50107035																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	50107009
Ms	5.7		BGR	50107009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	88.12		P	05:19:59.816	-2.1	276.7		5.75		TAS		99.3	2.07	m_e mb	5.8
GRA1	88.12		L	05:53:41.054						T__		3519.2	22.00	a_e Ms	5.7

Event 50107009 East of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/07	19:30:51.40		46.1810	154.2640					33.0					79.26	79.26	m i ke	BGR
OrigID 50107015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50107015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.26		P	19:42:51.959		24.8		4.78		TAS		16.4	0.85	m_e mb	5.1

Event 50108001 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/08	04:51:11.08		67.1360	-21.0910					33.0					23.87	23.87	m i ke	BGR
OrigID 50108007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	50108007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	23.87		P	04:56:21.333		327.6		9.14		TAS		7.5	1.12	m_e mb	4.1

Event 50108002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/08	08:51:49.90			-24.8200	179.9500				482.0					153.66	153.66	m i ke	NEIC

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	153.66		PKP	09:11:08.009		23.6		3.98		TAS					m_e

Event 50108004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/08	10:22:56.07			-18.6690	-177.4330				33.0				24	144.29	150.41	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.04		PKPbc	10:42:42.530		15.7		2.76		TAS					m_e
BRG	146.62		PKPbc	10:42:33.538	0.5	15.7		2.76		TAS					m_e
BSEG	144.29		PKPbc	10:42:26.356	0.2	15.7		2.76		TAS					m_e
CLL	146.40		PKPbc	10:42:32.788	0.4	15.7		2.76		TAS					m_e
CLZ	146.33		PKPbc	10:42:32.976	0.2	15.7		2.76		TAS					m_e
FBE	146.70		PKPbc	10:42:34.287	0.5	15.7		2.76		TAS					m_e
FLT1	145.73		PKPbc	10:42:30.478	0.5	15.7		2.76		TAS					m_e
FUR	149.74		PKPbc	10:42:41.968		15.7		2.76		TAS					m_e
GEC2	148.58		PKPbc	10:42:38.971		15.7		2.76		TAS					m_e
GRA1	148.28		PKPbc	10:42:38.305		15.7		2.76		TAS					m_e
GTTG	146.68		PKPbc	10:42:34.100	0.1	15.7		2.76		TAS					m_e
GUNZ	147.43		PKPbc	10:42:36.285	-0.7	15.7		2.76		TAS					m_e
IBBN	146.19		PKPbc	10:42:33.226	0.1	15.7		2.76		TAS					m_e
NEUB	146.74		PKPbc	10:42:34.287	0.0	15.7		2.76		TAS					m_e
PLN	147.34		PKPbc	10:42:35.786	-0.2	15.7		2.76		TAS					m_e
ROTZ	148.02		PKPbc	10:42:37.534		15.7		2.76		TAS					m_e
RUE	145.14		PKPbc	10:42:28.854	-0.1	15.7		2.76		TAS					m_e
STU	149.50		PKPbc	10:42:41.344		15.7		2.76		TAS					m_e
TANN	147.36		PKPbc	10:42:35.973	-0.6	15.7		2.76		TAS					m_e
TNS	148.17		PKPbc	10:42:37.971		15.7		2.76		TAS					m_e
UBR	150.41		PKPbc	10:42:43.342		15.7		2.76		TAS					m_e
WERD	147.35		PKPbc	10:42:35.723	-0.2	15.7		2.76		TAS					m_e
WERN	147.49		PKPbc	10:42:36.473		15.7		2.76		TAS					m_e
WLF	148.94		PKPbc	10:42:40.719		15.7		2.76		TAS					m_e

Event 50108005 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/08	11:05:00.81			51.1440	-174.5740				33.0					79.42	79.42	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50108011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.42		P	11:17:02.083		1.9		4.66		TAS		12.9	0.93	m_e mb	4.9

Event 50108007 Balleny Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/08	14:56:31.60			-61.8200	161.4000				10.0					159.51	159.51	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	50108013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	159.51		PKP	15:17:05.829		137.6		5.08		TAS				m_e	
GRA1	159.51		L	16:29:10.226						T__		503.1	21.70	a_e Ms	5.3

Event 50108008 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/08	15:43:02.64			64.4160	-19.6970				33.0					22.04	22.04	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	50108014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.04		P	15:47:54.064		322.4		10.57		TAS		41.5	1.86	m_e mb	4.5

Event 50108011 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/08	18:42:02.97			43.8600	144.3000				33.0			35		73.45	80.38	m i ke	BGR
OrigID 50108017																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	50108017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.88		P	18:54:02.328	0.1	32.8		5.61		TAS		134.5	1.29	a_e mb	5.9
ASSE	76.35		P	18:53:48.378	-0.0	32.8		5.61		TAS		107.5	1.20	a_e mb	5.9
BFO	80.38		P	18:54:10.378		32.8		5.61		TAS		155.7	1.69	a_e mb	5.7
BRG	76.27		P	18:53:47.928	0.1	32.8		5.61		TAS		80.6	1.23	a_e mb	5.7
BSEG	74.94		P	18:53:40.478	0.0	32.8		5.61		TAS		174.4	1.11	a_e mb	6.0
BUG	78.04		P	18:53:57.478	0.1	32.8		5.61		TAS		171.0	1.16	a_e mb	6.1
CLL	76.24		P	18:53:47.378	-0.0	32.8		5.61		TAS		194.3	1.03	a_e mb	6.2
CLZ	76.69		P	18:53:50.578	-0.4	32.8		5.61		TAS		227.9	1.26	a_e mb	6.2
FBE	76.44		P	18:53:49.028	0.2	32.8		5.61		TAS		143.8	1.21	a_e mb	6.0
FLT1	75.99		P	18:53:45.828	-0.3	32.8		5.61		TAS		175.7	1.03	a_e mb	6.0
FUR	79.49		P	18:54:06.078	-0.4	32.8		5.61		TAS		199.3	1.33	a_e mb	6.0
GEC2	78.03		P	18:53:57.928	0.5	32.8		5.61		TAS		53.9	1.16	a_e mb	5.6
GRA1	78.22		P	18:53:59.278	-0.2	32.8		5.61		TAS		218.2	1.37	m_e mb	6.1
GTTG	77.08		P	18:53:52.478	-0.2	32.8		5.61		TAS		141.5	1.10	a_e mb	6.0
GUNZ	77.26		P	18:53:53.678	0.2	32.8		5.61		TAS		101.1	1.40	a_e mb	5.8
HLG	75.49		P	18:53:43.644	0.2	32.8		5.61		TAS		415.9	1.30	m_e mb	6.3
IBBN	77.14		P	18:53:52.528	0.0	32.8		5.61		TAS		164.3	0.98	a_e mb	6.1
KAST	77.88		P	18:53:56.828	0.4	32.8		5.61		TAS		105.1	1.21	a_e mb	5.8
MOX	77.28		P	18:53:53.628	0.1	32.8		5.61		TAS		95.8	1.26	a_e mb	5.8
NEUB	76.76		P	18:53:50.378	-0.0	32.8		5.61		TAS		183.0	1.03	a_e mb	6.2
NRDL	76.23		P	18:53:47.353	-0.4	32.8		5.61		TAS		91.6	1.34	m_e mb	5.7
PLN	77.22		P	18:53:53.378	0.0	32.8		5.61		TAS		93.4	1.43	a_e mb	5.7
RGN	73.45		P	18:53:32.078	-0.1	32.8		5.61		TAS		368.5	1.19	a_e mb	6.4
ROTZ	77.81		P	18:53:56.978	-0.3	32.8		5.61		TAS		88.1	1.22	a_e mb	5.8
RUE	75.00		P	18:53:40.878	0.0	32.8		5.61		TAS		234.3	1.12	a_e mb	6.1
SKMB	74.56		P	18:53:38.728	0.5	32.8		5.61		TAS		400.3	1.41	a_e mb	6.3
STU	79.70		P	18:54:06.828	1.4	32.8		5.61		TAS		152.3	1.46	a_e mb	5.8
TANN	77.18		P	18:53:53.078	0.0	32.8		5.61		TAS		79.4	1.53	a_e mb	5.6
TNS	78.71		P	18:54:01.428	-0.2	32.8		5.61		TAS		133.9	1.44	a_e mb	5.9
UBBA	77.68		P	18:53:55.728	-0.1	32.8		5.61		TAS		71.8	1.41	a_e mb	5.6
UBR	80.32		P	18:54:10.278	-0.6	32.8		5.61		TAS		100.8	1.90	a_e mb	5.4
WERD	77.20		P	18:53:53.228	0.1	32.8		5.61		TAS		73.8	1.40	a_e mb	5.6
WERN	77.31		P	18:53:53.978	-0.2	32.8		5.61		TAS		79.8	1.21	a_e mb	5.7
WET	78.09		P	18:53:58.628	0.4	32.8		5.61		TAS		129.1	1.20	a_e mb	5.9
WLF	79.94		P	18:54:09.878	-0.4	32.8		5.61		TAS		114.1	1.53	a_e mb	5.7

Event 50108010 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/08	18:47:21.87			64.1530	-16.5590				33.0					20.72	20.72	m i ke	BGR
OrigID 50108016																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50108016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	20.72		P	18:51:59.132		323.6		10.71		TAS		45.0	1.23	m_e mb	4.7

Event 50109004 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/09	22:59:08.63			2.1770	96.2310				33.0				23	83.45	87.80	m i ke	BGR
OrigID 50109010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50109010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	87.80		P	23:11:54.950		92.4		5.00		TAS		19.4	0.97	m_e mb	5.4
ASSE	85.56		P	23:11:43.467	-0.6	92.4		5.00		TAS		22.7	0.96	m_e mb	5.3
BFO	86.99		P	23:11:50.017		92.4		5.00		TAS		21.2	1.10	m_e mb	5.2
BRG	83.45		P	23:11:32.860	-0.1	92.4		5.00		TAS		33.6	1.51	m_e mb	5.3
BUG	87.66		P	23:11:54.112		92.4		5.00		TAS		28.8	1.01	m_e mb	5.6
CLL	84.07		P	23:11:35.667	0.1	92.4		5.00		TAS		23.5	1.36	m_e mb	5.2
CLZ	85.74		P	23:11:44.427	0.1	92.4		5.00		TAS		46.4	1.42	m_e mb	5.4
FBE	83.82		P	23:11:34.982	0.0	92.4		5.00		TAS		14.9	0.98	m_e mb	5.2
FLT1	85.22		P	23:11:40.659	0.4	92.4		5.00		TAS		38.0	1.81	m_e mb	5.3
FUR	85.02		P	23:11:40.512	-0.0	92.4		5.00		TAS		91.4	1.39	m_e mb	5.8
GEC2	83.45		P	23:11:33.058	0.1	92.4		5.00		TAS		56.6	1.28	m_e mb	5.6
GRA1	85.12		P	23:11:41.672	0.1	92.4		5.00		TAS		44.3	1.25	m_e mb	5.6
GTTG	85.98		P	23:11:45.749		92.4		5.00		TAS		60.7	1.55	m_e mb	5.5
GUNZ	84.43		P	23:11:37.976	-0.0	92.4		5.00		TAS		14.2	1.17	m_e mb	5.1
MOX	84.91		P	23:11:40.306	-1.1	92.4		5.00		TAS		45.3	1.72	m_e mb	5.4
NEUB	84.83		P	23:11:39.888	0.4	92.4		5.00		TAS		29.4	1.11	m_e mb	5.4
NRDL	85.92		P	23:11:45.711		92.4		5.00		TAS		40.8	1.47	m_e mb	5.3
PLN	84.55		P	23:11:38.409	-0.3	92.4		5.00		TAS		64.5	2.15	m_e mb	5.5
ROTZ	84.48		P	23:11:38.472	0.0	92.4		5.00		TAS		34.8	1.37	m_e mb	5.4
TNS	86.92		P	23:11:50.381		92.4		5.00		TAS		16.8	0.85	m_e mb	5.2
WERD	84.45		P	23:11:37.851	0.1	92.4		5.00		TAS		9.8	1.19	m_e mb	4.9
WERN	84.40		P	23:11:37.801	-0.1	92.4		5.00		TAS		11.9	1.14	m_e mb	5.0
WET	84.01		P	23:11:35.768	-0.4	92.4		5.00		TAS		39.9	1.57	m_e mb	5.4

Event 50110002 Chagos Archipelago region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/10	02:05:39.67			-6.5190	68.6430				10.0			22		73.00	77.13	m i ke	BGR
OrigID 50110008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	50110008
Ms	4.8		BGR	50110008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	75.85		P	02:17:27.244	0.1	119.9		5.78		TAS		27.3	1.11	m_e mb	5.3
BRG	73.95		P	02:17:16.033	-0.4	119.9		5.78		TAS		85.2	2.12	m_e mb	5.4
CLL	74.68		P	02:17:20.723	-0.1	119.9		5.78		TAS		40.4	1.21	m_e mb	5.3
CLZ	76.36		P	02:17:30.613		119.9		5.78		TAS		30.0	1.10	m_e mb	5.3
FBE	74.29		P	02:17:18.636	0.2	119.9		5.78		TAS		104.1	1.84	m_e mb	5.6
FLT1	76.15		P	02:17:28.868	0.3	119.9		5.78		TAS		39.1	1.28	m_e mb	5.4
FUR	74.04		P	02:17:16.834	-0.2	119.9		5.78		TAS		78.4	0.67	m_e mb	5.9
GEC2	73.00		P	02:17:11.579	0.6	119.9		5.78		TAS		198.4	3.08	m_e mb	5.7
GRA1	74.83		P	02:17:21.266	0.2	119.9		5.78		TAS		90.3	1.16	m_e mb	5.7
GRA1	74.83		L	02:47:47.510						T__		418.0	20.70	a_e Ms	4.7
GTTG	76.44		P	02:17:31.312		119.9		5.78		TAS		50.5	1.34	m_e mb	5.5
GUNZ	74.55		P	02:17:20.164	0.2	119.9		5.78		TAS		112.1	1.83	m_e mb	5.6
KAST	77.13		P	02:17:34.985		119.9		5.78		TAS		130.8	2.38	m_e mb	5.6
MOX	75.09		P	02:17:23.331	-0.2	119.9		5.78		TAS		25.6	0.95	m_e mb	5.2
MOX	75.09		L	02:54:39.774						T__		547.1	18.80	a_e Ms	4.9
PLN	74.71		P	02:17:20.824	0.2	119.9		5.78		TAS		69.6	1.81	m_e mb	5.4
ROTZ	74.31		P	02:17:17.962	-0.7	119.9		5.78		TAS		46.4	1.67	m_e mb	5.2
RUE	74.90		P	02:17:22.055	-0.3	119.9		5.78		TAS		76.7	1.11	m_e mb	5.6
STU	75.55		P	02:17:25.493	-0.3	119.9		5.78		TAS		48.5	1.21	m_e mb	5.5
TANN	74.51		P	02:17:19.127	-0.6	119.9		5.78		TAS		75.3	1.81	m_e mb	5.4
TNS	76.66		P	02:17:32.420		119.9		5.78		TAS		49.1	1.30	m_e mb	5.5
UBR	74.49		P	02:17:19.890	0.3	119.9		5.78		TAS		114.4	1.20	m_e mb	5.8
WERN	74.49		P	02:17:19.598	-0.0	119.9		5.78		TAS		111.7	1.46	m_e mb	5.7
WET	73.62		P	02:17:15.115	0.5	119.9		5.78		TAS		39.4	1.73	m_e mb	5.2

Event 50110003 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/10	03:14:41.08			-15.8350	-172.2010				68.3			14		145.14	148.19	m i ke	BGR
OrigID 50110009																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	147.59		PKPbc	03:34:16.167		5.9		3.05		TAS				m_e		
GEC2	146.73		PKPbc	03:34:13.518		5.9		3.05		TAS				m_e		
GRA1	146.12		PKPbc	03:34:12.247		5.9		3.05		TAS				m_e		
GRA1	146.12		pPKPbc	03:34:31.648						T__				m_e		
GUNZ	145.37		PKPbc	03:34:09.443		5.9		3.05		TAS				m_e		
MOX	145.14		PKPbc	03:34:08.336		5.9		3.05		TAS				m_e		
PLN	145.26		PKPbc	03:34:08.788		5.9		3.05		TAS				m_e		
ROTZ	145.97		PKPbc	03:34:11.538		5.9		3.05		TAS				m_e		
STU	147.13		PKPbc	03:34:15.002		5.9		3.05		TAS				m_e		
TANN	145.30		PKPbc	03:34:09.134		5.9		3.05		TAS				m_e		
TNS	145.70		PKPbc	03:34:10.649		5.9		3.05		TAS				m_e		
UBR	148.19		PKPbc	03:34:17.716		5.9		3.05		TAS				m_e		
WERD	145.28		PKPbc	03:34:08.979		5.9		3.05		TAS				m_e		
WERN	145.44		PKPbc	03:34:09.715		5.9		3.05		TAS				m_e		
WET	146.52		PKPbc	03:34:13.262		5.9		3.05		TAS				m_e		

Event 50110004 Kyrgyzstan-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2015/01/10	06:51:11.53		40.6530	76.0040					33.0			11		43.29	46.50	m i ke	BGR
50110010																	

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 50110010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	43.29		P	06:59:08.649	-0.5	75.7		7.94		TAS		20.4	1.45	m_e mb	4.6	
CLL	43.78		P	06:59:12.211	0.1	75.7		7.94		TAS		20.8	1.26	m_e mb	4.7	
FBE	43.64		P	06:59:11.830	0.4	75.7		7.94		TAS		13.9	0.90	m_e mb	4.7	
FLT1	44.65		P	06:59:18.825		75.7		7.94		TAS		25.3	1.27	m_e mb	5.0	
GEC2	43.88		P	06:59:13.916	-0.0	75.7		7.94		TAS		32.7	1.33	m_e mb	4.9	
GRA1	45.25		P	06:59:24.854		75.7		7.94		TAS		28.4	1.15	m_e mb	5.1	
GUNZ	44.40		P	06:59:17.649	-0.4	75.7		7.94		TAS		14.0	1.26	m_e mb	4.5	
MOX	44.78		P	06:59:20.390		75.7		7.94		TAS		21.7	1.47	m_e mb	4.9	
NRDL	45.29		P	06:59:24.806		75.7		7.94		TAS		53.8	1.56	m_e mb	5.2	
UBR	46.50		P	06:59:33.853		75.7		7.94		TAS		37.6	1.22	m_e mb	5.4	
WET	44.34		P	06:59:17.262	-0.3	75.7		7.94		TAS		17.3	1.21	m_e mb	4.7	

Event 50110005 Iran-Iraq border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2015/01/10 17:03:35.77 30.3660 48.7820 10.0 12 32.34 37.29 m i ke BGR
 50110011

Magnitude Err Nsta Author OrigID
 mb 5.3 BGR 50110011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	33.01		P	17:10:10.340	-0.3	110.3		8.66		TAS		16.3	0.76	m_e mb	5.0
CLZ	35.45		P	17:10:31.808		110.3		8.66		TAS		53.6	0.81	m_e mb	5.5
FLT1	35.15		P	17:10:28.755		110.3		8.66		TAS		32.9	0.93	m_e mb	5.2
FUR	33.63		P	17:10:16.318	0.3	110.3		8.66		TAS		66.6	0.77	m_e mb	5.6
GEC2	32.34		P	17:10:05.014	-0.2	110.3		8.66		TAS				m_e	
GRA1	34.16		P	17:10:20.768		110.3		8.66		TAS		34.7	0.77	m_e mb	5.4
IBBN	37.12		P	17:10:46.215		110.3		8.66		TAS		45.5	0.86	m_e mb	5.2
KAST	36.36		P	17:10:39.826		110.3		8.66		TAS		32.8	1.11	m_e mb	5.1
NRDL	35.85		P	17:10:35.541		110.3		8.66		TAS		78.7	0.88	m_e mb	5.6
ROTZ	33.59		P	17:10:16.050	-0.2	110.3		8.66		TAS		16.8	0.82	m_e mb	5.0
UBR	34.24		P	17:10:21.384		110.3		8.66		TAS		35.7	0.99	m_e mb	5.3
WLF	37.29		P	17:10:47.639		110.3		8.66		TAS		30.6	1.05	m_e mb	5.0

Event 50110006 Iceland

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/01/10 18:23:31.92 64.8880 -20.2940 10.0 22.49 22.49 m i ke BGR
 50110012

Magnitude Err Nsta Author OrigID
 mb 4.6 BGR 50110012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.49		P	18:28:30.725		323.2		10.41		TAS		43.1	1.67	m_e mb	4.6

Event 50110007 Leyte, Philippine Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/01/10 19:31:40.12 11.4720 124.6010 80.0 19 93.26 98.81 m i ke BGR
 50110013

Magnitude Err Nsta Author OrigID
 mb 5.7 BGR 50110013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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ASSE	95.14	P	19:44:53.316	0.1	64.7	4.52	TAS	100.2	1.87	m_e	mb	5.9
BRG	93.80	P	19:44:47.043	0.2	64.7	4.52	TAS	22.7	0.99	m_e	mb	5.5
BUG	97.33	P	19:45:03.303		64.7	4.52	TAS	84.1	1.82	m_e	mb	6.1
CLL	94.17	P	19:44:48.389	-0.3	64.7	4.52	TAS	20.8	1.03	m_e	mb	5.4
FBE	94.12	P	19:44:48.890	-0.5	64.7	4.52	TAS	31.2	1.00	m_e	mb	5.6
GEC2	94.74	P	19:44:51.114	-0.1	64.7	4.52	TAS			m_e		
GRA1	95.88	P	19:44:56.964		64.7	4.52	TAS	20.8	0.89	m_e	mb	5.7
GRA1	95.88	pP	19:45:21.696				T__			m_e		
GUNZ	94.94	P	19:44:52.546	0.4	64.7	4.52	TAS	20.4	0.85	m_e	mb	5.6
MOX	95.24	P	19:44:53.706	-0.4	64.7	4.52	TAS			m_e		
NEUB	94.92	P	19:44:52.262	-0.0	64.7	4.52	TAS	38.2	0.91	m_e	mb	5.8
PLN	94.99	P	19:44:52.468	0.0	64.7	4.52	TAS	23.3	1.42	m_e	mb	5.4
ROTZ	95.26	P	19:44:54.181		64.7	4.52	TAS	17.3	0.98	m_e	mb	5.4
RUE	93.26	P	19:44:44.771	-0.1	64.7	4.52	TAS	56.4	1.01	m_e	mb	5.9
TANN	94.85	P	19:44:51.835	0.1	64.7	4.52	TAS	14.8	1.21	m_e	mb	5.3
TNS	97.24	P	19:45:02.755		64.7	4.52	TAS	83.5	1.76	m_e	mb	6.1
UBR	97.41	P	19:45:03.605		64.7	4.52	TAS	27.2	1.03	m_e	mb	5.8
WERN	94.95	P	19:44:52.372	0.4	64.7	4.52	TAS	33.6	1.71	m_e	mb	5.5
WET	95.12	P	19:44:53.121	0.1	64.7	4.52	TAS	47.8	1.68	m_e	mb	5.7
WLF	98.81	P	19:45:09.482		64.7	4.52	TAS	697.7	3.60	m_e	mb	6.8

Event 50111003 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/11	10:42:53.26			-22.5400	172.2410				33.0			14		145.80	151.11	m i ke	BGR
OrigID 50111009																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	147.05		PKPbc	11:02:32.448	0.6	35.7		2.67		TAS				m_e	
BSEG	145.80		PKPbc	11:02:28.843	-0.3	35.7		2.67		TAS				m_e	
CLL	147.07		PKPbc	11:02:32.375	0.4	35.7		2.67		TAS				m_e	
CLZ	147.57		PKPbc	11:02:34.292	-0.1	35.7		2.67		TAS				m_e	
FBE	147.24		PKPbc	11:02:33.450	0.2	35.7		2.67		TAS				m_e	
FLT1	146.87		PKPbc	11:02:31.797	0.3	35.7		2.67		TAS				m_e	
GEC2	148.71		PKPbc	11:02:36.997		35.7		2.67		TAS				m_e	
GRA1	149.05		PKPbc	11:02:37.692		35.7		2.67		TAS				m_e	
GTTG	147.95		PKPbc	11:02:35.562		35.7		2.67		TAS				m_e	
KAST	148.75		PKPbc	11:02:37.400		35.7		2.67		TAS				m_e	
PLN	148.05		PKPbc	11:02:35.394		35.7		2.67		TAS				m_e	
RUE	145.85		PKPbc	11:02:28.890	-0.1	35.7		2.67		TAS				m_e	
TANN	147.99		PKPbc	11:02:35.426		35.7		2.67		TAS				m_e	
UBR	151.11		PKPbc	11:02:42.711		35.7		2.67		TAS				m_e	

ASSE	146.85	PKPbc	10:43:22.113	0.0	35.2	2.71	TAS	m_e
BFO	150.88	PKPbc	10:43:32.347		35.2	2.71	TAS	m_e
BRG	146.70	PKPbc	10:43:21.359	0.4	35.2	2.71	TAS	m_e
BSEG	145.42	PKPbc	10:43:17.627	-0.2	35.2	2.71	TAS	m_e
CLL	146.71	PKPbc	10:43:21.248	0.2	35.2	2.71	TAS	m_e
CLZ	147.20	PKPbc	10:43:23.378	0.1	35.2	2.71	TAS	m_e
FBE	146.89	PKPbc	10:43:22.200	0.2	35.2	2.71	TAS	m_e
FLT1	146.50	PKPbc	10:43:20.704	0.1	35.2	2.71	TAS	m_e
GEC2	148.37	PKPbc	10:43:26.067	-0.5	35.2	2.71	TAS	m_e
GRA1	148.69	PKPbc	10:43:26.997		35.2	2.71	TAS	m_e
GTTG	147.58	PKPbc	10:43:24.457	0.3	35.2	2.71	TAS	m_e
GUNZ	147.73	PKPbc	10:43:24.650	-0.1	35.2	2.71	TAS	m_e
IBBN	147.59	PKPbc	10:43:24.374	-0.0	35.2	2.71	TAS	m_e
KAST	148.37	PKPbc	10:43:26.396	-0.5	35.2	2.71	TAS	m_e
MOX	147.76	PKPbc	10:43:24.407	0.0	35.2	2.71	TAS	m_e
NEUB	147.26	PKPbc	10:43:23.263	0.1	35.2	2.71	TAS	m_e
NRDL	146.72	PKPbc	10:43:21.732	0.4	35.2	2.71	TAS	m_e
PLN	147.69	PKPbc	10:43:24.342	0.1	35.2	2.71	TAS	m_e
ROTZ	148.25	PKPbc	10:43:25.875	0.4	35.2	2.71	TAS	m_e
STU	150.20	PKPbc	10:43:30.971		35.2	2.71	TAS	m_e
TANN	147.63	PKPbc	10:43:24.241	0.4	35.2	2.71	TAS	m_e
UBR	150.76	PKPbc	10:43:32.040		35.2	2.71	TAS	m_e
WERD	147.67	PKPbc	10:43:24.265	0.1	35.2	2.71	TAS	m_e
WERN	147.77	PKPbc	10:43:24.809	0.1	35.2	2.71	TAS	m_e
WET	148.48	PKPbc	10:43:26.458		35.2	2.71	TAS	m_e
WLF	150.41	PKPbc	10:43:32.255		35.2	2.71	TAS	m_e

Event 50112007 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/12	20:20:35.45			-22.0940	-179.4350				33.0			8		149.27	150.31	m i ke	BGR
50112013																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	149.43		PKPbc	20:40:21.189		20.8		2.45		TAS					m_e
CLL	149.27		PKPbc	20:40:20.624		20.8		2.45		TAS					m_e
CLZ	149.35		PKPbc	20:40:21.026		20.8		2.45		TAS					m_e
GTTG	149.71		PKPbc	20:40:21.771		20.8		2.45		TAS					m_e
GUNZ	150.31		PKPbc	20:40:23.366		20.8		2.45		TAS					m_e
PLN	150.24		PKPbc	20:40:23.019		20.8		2.45		TAS					m_e
TANN	150.23		PKPbc	20:40:23.033		20.8		2.45		TAS					m_e
WERD	150.24		PKPbc	20:40:23.026		20.8		2.45		TAS					m_e

Event 50112008 Aru Islands, Indonesia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/12	20:25:14.20			-5.5500	133.9600				20.0					115.00	115.00	m i ke	NEIC
OrigID 50112047																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	115.00		PKiKP	20:43:54.238		67.5		0.86		TAS				m_e	
GRA1	115.00		PP	20:44:57.886		73.3		7.01		TAS				m_e	

Event 50113003 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/13	05:27:00.94			30.5100	131.2740				33.0					84.06	84.06	m i ke	BGR
OrigID 50113009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50113009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	84.06		P	05:39:27.345		56.8		4.75		TAS		24.7	1.13	m_e mb	5.3

Event 50113007 Dominican Republic region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/13	11:16:27.40			18.2900	-71.2900				2.0					71.48	71.48	m i ke	EMSC
OrigID 50113039																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50113013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	71.48		P	11:27:48.868		276.6		6.56		TAS		26.1	1.48	m_e mb	5.1

Event 50113006 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2015/01/13 11:19:10.20 36.3900 22.6000 72.0 13 14.05 19.51 m i ke EMSC
 50113038

Magnitude Err Nsta Author OrigID
 mb 4.3 BGR 50113012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	17.86		P	11:23:15.851		148.5		10.91		TAS		13.5	1.10	m_e mb	4.0
BSEG	19.51		P	11:23:33.223		148.5		10.91		TAS		22.9	0.73	m_e mb	4.5
CLL	16.42		P	11:23:00.388		148.5		10.91		TAS		25.0	0.64	m_e mb	4.5
GEC2	14.05		P	11:22:34.312	0.0	148.5		10.91		TAS		11.0	0.59	m_e	
GRA1	15.66		P	11:22:51.784	-0.1	148.5		10.91		TAS		45.3	0.76	m_e	
GTTG	17.63		P	11:23:12.996		148.5		10.91		TAS		28.3	1.04	m_e	
NRDL	18.36		P	11:23:22.633		148.5		10.91		TAS		27.8	1.22	m_e	
PLN	15.98		P	11:22:55.224		148.5		10.91		TAS		22.3	0.81	m_e	
ROTZ	15.35		P	11:22:47.954	-0.1	148.5		10.91		TAS		11.4	0.90	m_e	
TANN	15.81		P	11:22:53.385	1.3	148.5		10.91		TAS		22.2	1.36	m_e	
UBBA	17.03		P	11:23:05.563		148.5		10.91		TAS		23.6	1.60	m_e	
WERN	15.73		P	11:22:52.503	-0.7	148.5		10.91		TAS		15.5	0.80	m_e	
WET	14.59		P	11:22:40.081	0.5	148.5		10.91		TAS		23.5	0.67	m_e	

Event 50113008 Iceland

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/01/13 15:00:31.69 65.6730 -21.4910 33.0 23.30 23.30 m i ke BGR
 50113014

Magnitude Err Nsta Author OrigID
 mb 4.4 BGR 50113014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	23.30		P	15:05:36.216		324.4		9.87		TAS		18.7	1.66	m_e mb	4.4

Event 50113012 Near east coast of eastern Honshu, Japan

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/01/13 17:46:43.33 39.5760 142.5150 33.0 81.30 81.30 m i ke BGR
 50113018

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 50113018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.30		P	17:58:55.055		37.3		4.44		TAS		28.8	1.46	m_e	mb 5.1

Event 50113011 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/13	17:47:16.90			-28.2000	-178.0900				194.0			16		153.56	158.32	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	155.59		PKPab	18:07:14.730	0.2	18.9		4.32		TAS				m_e	
BSEG	153.56		PKPab	18:07:06.222	-0.4	18.9		4.32		TAS				m_e	
CLZ	155.55		PKPab	18:07:14.687	-0.3	18.9		4.32		TAS				m_e	
FBE	155.71		PKPab	18:07:15.710	-0.5	18.9		4.32		TAS				m_e	
FLT1	154.91		PKPab	18:07:11.410	0.2	18.9		4.32		TAS				m_e	
GEC2	157.47		PKPab	18:07:23.031		18.9		4.32		TAS				m_e	
GRA1	157.38		PKPab	18:07:22.895		18.9		4.32		TAS				m_e	
IBBN	155.53		PKPab	18:07:14.539		18.9		4.32		TAS				m_e	
KAST	156.51		PKPab	18:07:18.366		18.9		4.32		TAS				m_e	
MOX	156.41		PKPab	18:07:18.275		18.9		4.32		TAS				m_e	
NRDL	154.97		PKPab	18:07:11.556	-0.0	18.9		4.32		TAS				m_e	
TANN	156.41		PKPab	18:07:18.562	0.1	18.9		4.32		TAS				m_e	
TNS	157.45		PKPab	18:07:22.801		18.9		4.32		TAS				m_e	
WERN	156.55		PKPab	18:07:19.155		18.9		4.32		TAS				m_e	
WET	157.45		PKPab	18:07:23.477		18.9		4.32		TAS				m_e	
WLF	158.32		PKPab	18:07:26.657		18.9		4.32		TAS				m_e	

Event 50114003 Northwest of Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/14	01:15:57.15			28.6930	126.5960				33.0					83.18	83.18	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50114009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	83.18		P	01:28:19.152		60.8		5.07		TAS		9.6	1.13	m_e	mb 4.9

Event 50114004 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/14	03:39:45.30			-15.3400	-173.3000				2.0					145.54	145.54	m i ke	EMSC
OrigID 50114036																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	145.54		PKPbc	03:59:25.278		7.7		2.75		TAS				m_e	

Event 50114006 Sichuan, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/14	05:21:39.60			29.3800	103.1700				10.0					69.40	69.40	m i ke	EMSC
OrigID 50114038																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50114012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	69.40		P	05:32:48.032		68.7		5.55		TAS		9.3	1.02	m_e mb	4.9

Event 50114007 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/14	05:29:36.80			-22.1800	-175.8000				100.0	1.2		9		149.80	152.22	m i ke	EMSC
OrigID 50114039																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	150.37		PKPdf	05:49:12.286		14.1		1.98		TAS				m_e	
BRG	150.37		PKPab	05:49:24.235		8.8		2.90		TAS				m_e	
CLL	150.13		PKPdf	05:49:11.392		14.1		1.98		TAS				m_e	
CLZ	150.01		PKPdf	05:49:11.381	0.1	14.1		1.98		TAS				m_e	
FBE	150.43		PKPdf	05:49:12.623		14.1		1.98		TAS				m_e	
GUNZ	151.16		PKPdf	05:49:13.814		14.1		1.98		TAS				m_e	
GUNZ	151.16		PKPab	05:49:26.174		8.8		2.90		TAS				m_e	
IBBN	149.80		PKPdf	05:49:11.720	0.0	14.1		1.98		TAS				m_e	
KAST	150.84		PKPdf	05:49:12.999		14.1		1.98		TAS				m_e	
KAST	150.84		PKPab	05:49:24.888		8.8		2.90		TAS				m_e	

MOX	151.00	PKPdf	05:49:13.274	14.1	1.98	TAS	m_e
NEUB	150.44	PKPab	05:49:24.252	8.8	2.90	TAS	m_e
PLN	151.07	PKPdf	05:49:13.914	14.1	1.98	TAS	m_e
PLN	151.07	PKPab	05:49:25.689	8.8	2.90	TAS	m_e
ROTZ	151.75	PKPab	05:49:27.377	8.8	2.90	TAS	m_e
TANN	151.08	PKPdf	05:49:13.723	14.1	1.98	TAS	m_e
TANN	151.08	PKPab	05:49:26.008	8.8	2.90	TAS	m_e
WERN	151.22	PKPdf	05:49:13.970	14.1	1.98	TAS	m_e
WERN	151.22	PKPab	05:49:26.347	8.8	2.90	TAS	m_e
WET	152.22	PKPab	05:49:30.007	8.8	2.90	TAS	m_e

Event 50114008 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/14	11:10:50.00			46.2600	14.7100				5.0					2.68	4.85	m i ke	EMSC
OrigID 50114040																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	2.68		Sg	11:12:13.770						T__				m_e	
GEC2	2.68		Pg	11:11:37.558						T__				m_e	
GRA1	4.16		Sg	11:13:01.966						T__				m_e	
GRA1	4.16		Pg	11:12:07.115						T__				m_e	
GUNZ	4.40		Pg	11:12:12.143						T__				m_e	
MOX	4.85		Sg	11:13:22.932						T__				m_e	
MOX	4.85		Pn	11:12:01.922						T__				m_e	
MOX	4.85		Pg	11:12:21.011						T__				m_e	
ROTZ	3.89		Sg	11:12:52.710						T__				m_e	
ROTZ	3.89		Pn	11:11:48.848						T__				m_e	
ROTZ	3.89		Pg	11:12:02.357						T__				m_e	
TANN	4.42		Sg	11:13:08.533						T__				m_e	
TANN	4.42		Pg	11:12:11.832						T__				m_e	
UBR	3.46		Sg	11:12:40.930						T__				m_e	
WERD	4.49		Pg	11:12:13.561						T__				m_e	
WERN	4.32		Sg	11:13:10.015						T__				m_e	
WET	3.14		Pn	11:11:39.344						T__				m_e	
WET	3.14		Pg	11:11:47.819						T__				m_e	

Event 50114009 Sakhalin Island, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/14	12:08:32.35			47.6000	143.8380				33.0				28	71.45	76.93	m i ke	BGR
OrigID																	

50114015

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50114015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.39		P	12:20:10.875		31.0		5.81		TAS		61.2	1.30	m_e	mb 5.5
ASSE	72.89		P	12:19:56.284	0.1	31.0		5.81		TAS		45.4	1.32	m_e	mb 5.4
BFO	76.93		P	12:20:19.405		31.0		5.81		TAS		45.0	1.23	m_e	mb 5.5
BRG	72.87		P	12:19:56.091	-0.2	31.0		5.81		TAS		25.8	1.17	m_e	mb 5.2
BSEG	71.45		P	12:19:48.056	-0.4	31.0		5.81		TAS		30.3	0.99	m_e	mb 5.4
BUG	74.54		P	12:20:05.956	0.2	31.0		5.81		TAS		46.0	1.13	m_e	mb 5.4
CLL	72.82		P	12:19:55.659	0.4	31.0		5.81		TAS		60.9	1.05	m_e	mb 5.7
CLZ	73.23		P	12:19:58.706	-0.1	31.0		5.81		TAS		92.9	1.42	m_e	mb 5.7
FBE	73.03		P	12:19:57.235	0.1	31.0		5.81		TAS		44.7	1.11	m_e	mb 5.5
FLT1	72.53		P	12:19:53.888	-0.1	31.0		5.81		TAS		59.9	1.22	m_e	mb 5.6
FUR	76.09		P	12:20:15.212		31.0		5.81		TAS		80.7	1.17	m_e	mb 5.7
GEC2	74.66		P	12:20:06.698	-0.3	31.0		5.81		TAS		28.7	1.25	m_e	mb 5.2
GRA1	74.80		P	12:20:07.807		31.0		5.81		TAS		93.8	1.33	m_e	mb 5.6
GTTG	73.61		P	12:20:00.638	0.1	31.0		5.81		TAS		58.2	1.27	m_e	mb 5.5
GUNZ	73.85		P	12:20:02.089	0.1	31.0		5.81		TAS		26.3	1.15	m_e	mb 5.2
IBBN	73.64		P	12:20:00.704	-0.1	31.0		5.81		TAS		41.5	0.92	m_e	mb 5.5
KAST	74.40		P	12:20:05.102	0.1	31.0		5.81		TAS		33.0	1.16	m_e	mb 5.3
MOX	73.85		P	12:20:01.905	0.0	31.0		5.81		TAS		65.0	1.71	m_e	mb 5.4
NEUB	73.33		P	12:19:58.708	0.0	31.0		5.81		TAS		66.3	1.11	m_e	mb 5.7
NRDL	72.75		P	12:19:55.604	0.0	31.0		5.81		TAS		33.7	1.12	m_e	mb 5.4
PLN	73.80		P	12:20:01.736	0.0	31.0		5.81		TAS		28.8	1.19	m_e	mb 5.2
ROTZ	74.40		P	12:20:05.279	0.1	31.0		5.81		TAS		181.1	2.63	m_e	mb 5.6
RUE	71.58		P	12:19:48.698	0.1	31.0		5.81		TAS		116.0	1.44	m_e	mb 5.8
STU	76.27		P	12:20:15.749		31.0		5.81		TAS		57.2	1.19	m_e	mb 5.6
TANN	73.76		P	12:20:01.412	0.2	31.0		5.81		TAS		19.3	1.31	m_e	mb 5.0
TNS	75.24		P	12:20:10.084		31.0		5.81		TAS		32.0	1.08	m_e	mb 5.3
WERN	73.90		P	12:20:02.451	0.4	31.0		5.81		TAS		34.8	1.22	m_e	mb 5.3
WET	74.70		P	12:20:07.347	-0.5	31.0		5.81		TAS		67.2	1.39	m_e	mb 5.5

Event 50115004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/15	11:30:43.92			-21.5310	-177.8640				33.0			16		147.05	152.24	m i ke	BGR
OrigID 50115010																	

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
BRG	149.28		PKPbc	11:50:29.502	0.2	17.6		2.47		TAS				m_e	
BSEG	147.05		PKPbc	11:50:23.660	0.0	17.6		2.47		TAS				m_e	

CLL	149.09	PKPbc	11:50:29.014	0.1	17.6	2.47	TAS	m_e
CLZ	149.07	PKPbc	11:50:29.347	0.2	17.6	2.47	TAS	m_e
FBE	149.38	PKPbc	11:50:29.929	-0.1	17.6	2.47	TAS	m_e
FLT1	148.46	PKPbc	11:50:27.107	0.2	17.6	2.47	TAS	m_e
GEC2	151.22	PKPbc	11:50:33.947		17.6	2.47	TAS	m_e
GTTG	149.43	PKPbc	11:50:30.058	-0.2	17.6	2.47	TAS	m_e
GUNZ	150.12	PKPbc	11:50:31.752		17.6	2.47	TAS	m_e
KAST	149.98	PKPbc	11:50:31.400		17.6	2.47	TAS	m_e
MOX	150.00	PKPbc	11:50:31.218		17.6	2.47	TAS	m_e
PLN	150.04	PKPbc	11:50:31.435		17.6	2.47	TAS	m_e
ROTZ	150.71	PKPbc	11:50:32.904		17.6	2.47	TAS	m_e
STU	152.24	PKPbc	11:50:36.583		17.6	2.47	TAS	m_e
TANN	150.05	PKPbc	11:50:31.394		17.6	2.47	TAS	m_e
WERN	150.19	PKPbc	11:50:31.881		17.6	2.47	TAS	m_e

Event 50116010 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/16	17:38:22.88			64.8950	-16.8220				10.0			12		19.07	21.36	m i ke	BGR
50116016																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50116016
Ms	3.8		BGR	50116016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	21.36		P	17:43:10.030		326.4		10.79		TAS		20.5	1.05	m_e	mb 4.4
BRG	21.25		P	17:43:09.006	-0.2	326.4		10.79		TAS		36.3	1.21	m_e	mb 4.6
CLL	20.55		P	17:43:01.583	0.4	326.4		10.79		TAS		173.0	2.49	m_e	mb 4.9
CLZ	19.14		P	17:42:46.445	0.3	326.4		10.79		TAS		63.8	1.71	m_e	mb 4.6
FBE	20.99		P	17:43:06.418	-0.2	326.4		10.79		TAS		39.2	1.13	m_e	mb 4.6
FLT1	19.07		P	17:42:45.797	0.4	326.4		10.79		TAS		16.9	1.11	m_e	mb 4.2
GRA1	21.21		L	17:51:47.351						T__		375.3	21.70	a_e	Ms 3.7
GUNZ	21.06		P	17:43:06.952	0.4	326.4		10.79		TAS		97.2	2.10	m_e	mb 4.8
MOX	20.56		P	17:43:02.028	-0.1	326.4		10.79		TAS		173.1	2.43	m_e	mb 5.0
MOX	20.56		L	17:51:14.496						T__		475.5	21.70	a_e	Ms 3.8
NEUB	20.18		P	17:42:57.632	-0.1	326.4		10.79		TAS		39.7	1.21	m_e	mb 4.5
PLN	20.89		P	17:43:05.251	-0.3	326.4		10.79		TAS		37.7	1.22	m_e	mb 4.6
TANN	21.06		P	17:43:07.032	-0.4	326.4		10.79		TAS		26.3	1.32	m_e	mb 4.4
WERN	21.14		P	17:43:07.976	0.4	326.4		10.79		TAS		28.6	1.16	m_e	mb 4.5

Event 50117001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2015/01/17 03:58:33.96 -18.1880 -179.5480 33.0 9 144.22 147.59 m i ke BGR
 50117007

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	145.49		PKPbc	04:17:00.398	0.1	19.2		2.70		TAS					m_e
FLT1	144.89		PKPbc	04:16:58.388		19.2		2.70		TAS					m_e
GEC2	147.59		PKPbc	04:17:05.889	-0.3	19.2		2.70		TAS					m_e
GUNZ	146.52		PKPbc	04:17:03.422	-0.2	19.2		2.70		TAS					m_e
MOX	146.41		PKPbc	04:17:02.870		19.2		2.70		TAS					m_e
PLN	146.44		PKPbc	04:17:03.004	0.1	19.2		2.70		TAS					m_e
RUE	144.22		PKPbc	04:16:56.925	0.3	19.2		2.70		TAS					m_e
TANN	146.44		PKPbc	04:17:03.058	0.0	19.2		2.70		TAS					m_e
WET	147.53		PKPbc	04:17:05.717		19.2		2.70		TAS					m_e

Event 50117002 Luzon, Philippine Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2015/01/17 05:09:25.58 14.0530 122.1010 33.0 12 89.75 92.21 m i ke BGR
 50117008

Magnitude Err Nsta Author OrigID
 mb 5.4 BGR 50117008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	90.28		P	05:22:01.533	-0.1	65.1		4.60		TAS					m_e
BSEG	91.05		P	05:22:05.319	0.1	65.1		4.60		TAS		29.1	1.13	m_e mb	5.5
CLL	90.66		P	05:22:03.121	-0.3	65.1		4.60		TAS		24.1	1.16	m_e mb	5.4
FLT1	91.24		P	05:22:05.685	-0.2	65.1		4.60		TAS		15.7	1.19	m_e mb	5.2
GEC2	91.22		P	05:22:06.052	0.1	65.1		4.60		TAS		30.2	1.34	m_e mb	5.5
MOX	91.73		P	05:22:08.372		65.1		4.60		TAS		22.6	1.30	m_e mb	5.3
RJOB	92.21		P	05:22:10.327		65.1		4.60		TAS		100.0	1.28	m_e mb	6.0
ROTZ	91.74		P	05:22:08.861		65.1		4.60		TAS		28.9	1.23	m_e mb	5.5
RUE	89.75		P	05:21:59.457	0.2	65.1		4.60		TAS				m_e	
TANN	91.33		P	05:22:06.296	0.3	65.1		4.60		TAS		22.3	1.37	m_e mb	5.3
WERN	91.43		P	05:22:07.290	0.1	65.1		4.60		TAS		22.2	1.21	m_e mb	5.4
WET	91.60		P	05:22:07.640		65.1		4.60		TAS		27.5	1.46	m_e mb	5.4

Event 50117004 Samoa Islands region

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

2015/01/17 08:29:43.96 -16.3000 -172.9760 33.0 7 145.54 148.04 m i ke BGR
50117010

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.04		PKPbc	08:49:10.030		7.3		2.96		TAS				m_e	
GEC2	147.09		PKPbc	08:49:07.106		7.3		2.96		TAS				m_e	
GUNZ	145.75		PKPbc	08:49:03.259		7.3		2.96		TAS				m_e	
MOX	145.54		PKPbc	08:49:02.160		7.3		2.96		TAS				m_e	
ROTZ	146.36		PKPbc	08:49:05.229		7.3		2.96		TAS				m_e	
TNS	146.14		PKPbc	08:49:04.511		7.3		2.96		TAS				m_e	
WERN	145.82		PKPbc	08:49:03.609		7.3		2.96		TAS				m_e	

Event 50117007 Salta Province, Argentina

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/17	18:41:43.20			-22.2800	-63.1900				568.0					97.18	97.18	m i ke	EMSC

OrigID
50117039

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	97.18		Pdiff	18:54:15.819						T__				m_e	

Event 50118001 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/18	00:27:24.10			14.0200	120.6600				162.0				15	88.97	92.11	m i ke	EMSC

OrigID
50118033

Magnitude Err Nsta Author OrigID
mb 5.4 BGR 50118007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	89.46		P	00:40:02.568	-0.1	66.3		4.83		TAS		28.1	1.18	m_e mb	5.4
CLL	89.85		P	00:40:03.899	-0.6	66.3		4.83		TAS		19.4	1.13	m_e mb	5.2
CLZ	91.15		P	00:40:10.444		66.3		4.83		TAS		37.0	1.45	m_e mb	5.5
FBE	89.79		P	00:40:04.283	0.2	66.3		4.83		TAS		26.1	1.02	m_e mb	5.4
FUR	92.11		P	00:40:15.045		66.3		4.83		TAS		49.3	1.37	m_e mb	5.7
GEC2	90.36		P	00:40:06.765	-0.2	66.3		4.83		TAS		27.8	1.43	m_e mb	5.3
GUNZ	90.61		P	00:40:07.875	-0.1	66.3		4.83		TAS		28.6	1.21	m_e mb	5.5
MOX	90.92		P	00:40:09.182	0.2	66.3		4.83		TAS		22.3	1.35	m_e mb	5.3

NEUB	90.61	P	00:40:07.653	0.1	66.3	4.83	TAS	28.6	1.20	m_e	mb	5.5
PLN	90.66	P	00:40:08.097	0.0	66.3	4.83	TAS	18.4	1.38	m_e	mb	5.2
ROTZ	90.91	P	00:40:09.540	0.1	66.3	4.83	TAS	24.1	1.24	m_e	mb	5.4
RUE	88.97	P	00:40:00.182	0.3	66.3	4.83	TAS	56.1	0.94	m_e	mb	5.8
TANN	90.51	P	00:40:07.248	0.1	66.3	4.83	TAS	18.3	1.24	m_e	mb	5.3
WERN	90.61	P	00:40:08.047	0.0	66.3	4.83	TAS	19.6	1.22	m_e	mb	5.3
WET	90.75	P	00:40:08.777	0.2	66.3	4.83	TAS	19.1	1.29	m_e	mb	5.3

Event 50118003 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/18	04:47:40.64			51.8220	177.7030				33.0			34		73.20	80.31	m i ke	BGR
OrigID 50118009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	50118009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.70	P		04:59:23.339	0.2	8.5		5.54		TAS		143.9	1.06	m_e	mb	6.0
ASSE	75.85	P		04:59:12.889	-0.0	8.5		5.54		TAS		230.9	1.68	a_e	mb	6.0
BFO	79.81	P		04:59:34.539	-0.3	8.5		5.54		TAS		56.3	0.93	a_e	mb	5.5
BRG	76.76	P		04:59:17.739	-0.2	8.5		5.54		TAS		44.2	0.90	a_e	mb	5.6
BSEG	74.09	P		04:59:03.220	0.1	8.5		5.54		TAS		195.8	0.94	m_e	mb	6.1
BUG	76.80	P		04:59:17.839	-0.3	8.5		5.54		TAS		149.3	1.30	a_e	mb	6.0
CLL	76.43	P		04:59:15.689	-0.5	8.5		5.54		TAS		45.6	0.87	a_e	mb	5.6
CLZ	76.16	P		04:59:14.989	0.3	8.5		5.54		TAS		164.0	0.97	a_e	mb	6.1
FBE	76.78	P		04:59:18.339	0.2	8.5		5.54		TAS		84.7	0.99	a_e	mb	5.8
FLT1	75.60	P		04:59:10.939	-0.6	8.5		5.54		TAS		100.6	0.88	a_e	mb	6.0
FUR	79.72	P		04:59:34.339	-0.1	8.5		5.54		TAS		121.5	1.05	a_e	mb	5.8
GEC2	78.79	P		04:59:29.389	0.2	8.5		5.54		TAS		37.0	0.86	a_e	mb	5.4
GRA1	78.21	P		04:59:26.489	0.5	8.5		5.54		TAS		111.1	0.83	a_e	mb	6.0
GTTG	76.49	P		04:59:16.689	0.2	8.5		5.54		TAS		139.7	1.15	a_e	mb	6.0
GUNZ	77.44	P		04:59:21.889	0.1	8.5		5.54		TAS		50.3	0.90	a_e	mb	5.6
IBBN	75.90	P		04:59:13.339	0.2	8.5		5.54		TAS		355.6	1.00	a_e	mb	6.5
KAST	76.95	P		04:59:19.089	0.1	8.5		5.54		TAS		68.0	0.97	a_e	mb	5.7
MOX	77.23	P		04:59:20.539	-0.1	8.5		5.54		TAS		59.1	0.87	a_e	mb	5.7
NEUB	76.67	P		04:59:17.339	-0.2	8.5		5.54		TAS		171.2	1.05	a_e	mb	6.1
NRDL	75.53	P		04:59:10.989	-0.2	8.5		5.54		TAS		124.2	1.08	a_e	mb	6.0
PLN	77.33	P		04:59:21.089	-0.1	8.5		5.54		TAS		40.8	0.82	a_e	mb	5.6
RGN	73.20	P		04:58:58.426	0.1	8.5		5.54		TAS		348.4	1.06	m_e	mb	6.4
ROTZ	78.04	P		04:59:25.339	0.2	8.5		5.54		TAS		51.2	1.09	a_e	mb	5.6
RUE	75.20	P		04:59:09.089	-0.2	8.5		5.54		TAS		86.0	0.90	a_e	mb	5.8
SKMB	73.38	P		04:58:59.488	0.2	8.5		5.54		TAS		221.9	0.83	m_e	mb	6.3
STU	79.31	P		04:59:31.789	-0.3	8.5		5.54		TAS		70.3	0.85	a_e	mb	5.7
TANN	77.37	P		04:59:21.539	0.1	8.5		5.54		TAS		37.1	0.94	a_e	mb	5.5
TNS	77.92	P		04:59:24.339	-0.1	8.5		5.54		TAS		78.3	0.84	a_e	mb	5.9

UBBA	77.21	P	04:59:20.176	-0.3	8.5	5.54	TAS	106.4	1.51	m_e	mb	5.7
UBR	80.31	P	04:59:37.539	-0.1	8.5	5.54	TAS	93.0	1.41	a_e	mb	5.5
WERD	77.36	P	04:59:21.239	-0.1	8.5	5.54	TAS	34.3	1.22	a_e	mb	5.3
WERN	77.51	P	04:59:22.389	0.2	8.5	5.54	TAS	90.0	0.88	a_e	mb	5.9
WET	78.58	P	04:59:28.439	0.3	8.5	5.54	TAS	40.8	1.06	a_e	mb	5.4
WLF	78.64	P	04:59:28.539	0.3	8.5	5.54	TAS	85.7	0.97	a_e	mb	5.7

Event 50118004 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/18	07:35:52.75			64.8200	-17.3400				10.0			17		18.67	22.97	m i ke	BGR
OrigID 50118010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50118010
Ms	3.7		BGR	50118010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	21.49		P	07:40:41.692		326.1		10.86		TAS		179.5	2.39	m_e	mb	5.0
BRG	21.42		P	07:40:40.480		326.1		10.86		TAS		110.3	1.66	m_e	mb	4.9
CLL	20.71		P	07:40:32.964	-0.1	326.1		10.86		TAS		36.7	1.16	m_e	mb	4.6
CLZ	19.29		P	07:40:18.297	-0.2	326.1		10.86		TAS		103.7	1.61	m_e	mb	4.8
FBE	21.15		P	07:40:37.813	0.4	326.1		10.86		TAS		867.3	2.95	m_e	mb	5.6
GEC2	22.97		P	07:40:58.159		326.1		10.86		TAS		195.2	2.24	m_e	mb	5.2
GRA1	21.35		P	07:40:40.116	0.3	326.1		10.86		TAS		237.4	2.38	m_e	mb	5.1
GRA1	21.35		L	07:49:13.242						T__		287.2	19.50	a_e	Ms	3.7
GUNZ	21.21		P	07:40:38.412	0.8	326.1		10.86		TAS		432.5	2.49	m_e	mb	5.3
MOX	20.72		L	07:49:52.367						T__		335.0	18.50	a_e	Ms	3.7
NEUB	20.33		P	07:40:29.207	-0.4	326.1		10.86		TAS		99.4	1.37	m_e	mb	4.9
NRDL	18.67		P	07:40:10.781	-0.3	326.1		10.86		TAS		247.6	2.16	m_e	mb	5.1
PLN	21.05		P	07:40:36.843	-0.5	326.1		10.86		TAS		164.1	1.89	m_e	mb	5.0
ROTZ	21.66		P	07:40:43.389		326.1		10.86		TAS		88.2	1.81	m_e	mb	4.9
STU	21.41		P	07:40:40.302		326.1		10.86		TAS		351.0	2.50	m_e	mb	5.2
TANN	21.22		P	07:40:38.541	-0.3	326.1		10.86		TAS		394.5	2.34	m_e	mb	5.3
UBR	22.66		P	07:40:53.999		326.1		10.86		TAS		220.2	1.83	m_e	mb	5.4
WERD	21.14		P	07:40:37.692	-0.3	326.1		10.86		TAS		38.6	1.57	m_e	mb	4.5
WERN	21.29		P	07:40:39.510	-0.1	326.1		10.86		TAS		160.0	1.74	m_e	mb	5.1

Event 50118005 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/18	08:30:30.30			-16.8000	-14.4300				33.0					69.98	70.95	m i ke	EMSC
OrigID 50118037																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50118011
Ms	4.5		BGR	50118011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	69.98		P	08:41:37.972		206.2		6.19		TAS		31.0	1.38	m_e	mb 5.3
GRA1	69.98		L	09:11:45.603						T__		310.5	18.20	a_e	Ms 4.6
MOX	70.95		L	09:12:22.372						T__		260.9	20.10	a_e	Ms 4.5

Event 50118009 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/18	20:41:18.10			-19.8300	-178.0300				588.0				15	147.06	151.11	m i ke	EMSC
OrigID																	
50118041																	

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	147.06		PKP	20:59:54.614		17.2		2.45		TAS				m_e	
BFO	151.11		PKP	21:00:04.509	0.3	17.2		2.45		TAS				m_e	
BRG	147.61		PKP	20:59:56.320		17.2		2.45		TAS				m_e	
CLL	147.41		PKP	20:59:55.614		17.2		2.45		TAS				m_e	
CLZ	147.38		PKP	20:59:55.758		17.2		2.45		TAS				m_e	
GEC2	149.55		PKP	21:00:01.018	0.1	17.2		2.45		TAS				m_e	
GUNZ	148.44		PKP	20:59:58.609	0.0	17.2		2.45		TAS				m_e	
KAST	148.28		PKP	20:59:57.921	-0.3	17.2		2.45		TAS				m_e	
MOX	148.31		PKP	20:59:58.005	-0.2	17.2		2.45		TAS				m_e	
PLN	148.36		PKP	20:59:58.142	-0.1	17.2		2.45		TAS				m_e	
ROTZ	149.03		PKP	20:59:59.975	0.3	17.2		2.45		TAS				m_e	
TNS	149.24		PKP	21:00:00.360	0.3	17.2		2.45		TAS				m_e	
WERD	148.37		PKP	20:59:58.255	-0.1	17.2		2.45		TAS				m_e	
WERN	148.50		PKP	20:59:58.749	0.0	17.2		2.45		TAS				m_e	
WLF	150.05		PKP	21:00:02.777		17.2		2.45		TAS				m_e	

Event 50118011 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/18	22:27:51.40			64.5600	-17.6300				2.0					21.33	21.33	m i ke	EMSC
OrigID																	
50118043																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50118017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.33		P	22:32:39.627		325.0		10.35		TAS		27.9	1.54	m_e mb	4.4

Event 50119003 Greenland Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/19	12:31:50.20			73.3100	6.4100				2.0			21		20.16	25.77	m i ke	EMSC
OrigID 50119039																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50119009
Ms	4.3		BGR	50119009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	22.75		P	12:36:51.899	-0.1	356.6		10.20		TAS		54.4	1.37	m_e mb	4.9
BUG	21.95		P	12:36:44.718	0.2	356.6		10.20		TAS		138.5	1.58	m_e mb	5.1
CLL	22.27		P	12:36:47.155	-0.1	356.6		10.20		TAS		90.8	1.55	m_e mb	5.0
CLZ	21.62		P	12:36:40.999	0.4	356.6		10.20		TAS		141.9	1.61	m_e mb	5.1
FBE	22.67		P	12:36:51.258	0.2	356.6		10.20		TAS		78.7	1.42	m_e mb	5.0
FLT1	21.16		P	12:36:35.485	-0.5	356.6		10.20		TAS		178.2	1.88	m_e mb	5.1
GRA1	23.80		P	12:37:03.440		356.6		10.20		TAS		338.0	2.22	m_e mb	5.5
GRA1	23.80		L	12:58:34.661						T__		1002.6	21.50	a_e Ms	4.3
GTTG	21.90		P	12:36:44.205	-0.1	356.6		10.20		TAS		388.9	2.43	m_e mb	5.4
GUNZ	23.17		P	12:36:56.644	-1.3	356.6		10.20		TAS		80.0	1.75	m_e mb	5.0
IBBN	21.09		P	12:36:35.229	-0.4	356.6		10.20		TAS		210.3	1.90	m_e mb	5.1
KAST	22.21		P	12:36:47.411	0.1	356.6		10.20		TAS		102.7	1.61	m_e mb	5.0
LNIZ	20.16		P	12:36:25.868	1.0	356.6		10.20		TAS		397.1	2.03	m_e mb	5.3
MOX	22.86		P	12:36:53.951	-0.2	356.6		10.20		TAS		32.8	1.01	m_e mb	4.8
MOX	22.86		L	12:59:39.588						T__		1049.6	18.70	a_e Ms	4.3
NEUB	22.32		P	12:36:48.180	-0.3	356.6		10.20		TAS		165.3	1.22	m_e mb	5.3
NRDL	20.95		P	12:36:34.075	-0.6	356.6		10.20		TAS		212.5	1.90	m_e mb	5.1
ROTZ	23.76		P	12:37:03.184		356.6		10.20		TAS		203.3	2.06	m_e mb	5.3
UBBA	22.63		P	12:36:51.386	0.1	356.6		10.20		TAS		78.0	1.67	m_e mb	5.0
UBR	25.77		P	12:37:22.486		356.6		10.20		TAS		69.4	1.67	m_e mb	5.0
WERD	23.09		P	12:36:55.874	1.5	356.6		10.20		TAS		27.0	1.37	m_e mb	4.6
WET	24.42		P	12:37:10.365		356.6		10.20		TAS		210.9	2.21	m_e mb	5.3
WLF	23.73		P	12:37:03.184		356.6		10.20		TAS		225.8	2.06	m_e mb	5.3

Event 50119002 Norwegian Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/19	12:31:57.95			72.6200	7.9900				10.0			22		20.22	25.04	m i ke	BGR
OrigID																	

50119008

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50119008
Ms	4.2		BGR	50119008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	22.16		P	12:36:53.959	-2.0	357.7		10.24		TAS		91.6	1.20	m_e	mb	5.1
BRG	21.98		P	12:36:52.289	0.7	357.7		10.24		TAS		54.4	1.37	m_e	mb	4.8
BUG	21.26		P	12:36:44.544	1.1	357.7		10.24		TAS		138.5	1.58	m_e	mb	5.0
CLL	21.50		P	12:36:46.822	-0.1	357.7		10.24		TAS		90.8	1.55	m_e	mb	5.0
CLZ	20.88		P	12:36:40.747	0.6	357.7		10.24		TAS		120.0	1.62	m_e	mb	5.0
FBE	21.91		P	12:36:51.226	0.2	357.7		10.24		TAS		56.2	1.12	m_e	mb	4.9
FLT1	20.41		P	12:36:35.432	-0.4	357.7		10.24		TAS		178.2	1.88	m_e	mb	5.0
GEC2	24.00		P	12:37:13.550		357.7		10.24		TAS		79.4	1.45	m_e	mb	5.0
GRA1	23.05		P	12:37:03.679		357.7		10.24		TAS		338.0	2.22	m_e	mb	5.5
GRA1	23.05		L	12:58:34.676						T__		1002.6	21.50	a_e	Ms	4.2
GTTG	21.17		P	12:36:44.088	0.0	357.7		10.24		TAS		388.9	2.43	m_e	mb	5.3
GUNZ	22.42		P	12:36:56.541		357.7		10.24		TAS		79.9	1.75	m_e	mb	4.9
IBBN	20.39		P	12:36:35.128	-0.4	357.7		10.24		TAS		210.3	1.90	m_e	mb	5.0
KAST	21.50		P	12:36:47.429	0.1	357.7		10.24		TAS		64.2	1.24	m_e	mb	4.8
MOX	22.11		P	12:36:53.808	1.0	357.7		10.24		TAS		51.3	1.36	m_e	mb	4.8
MOX	22.11		L	12:58:06.226						T__		772.6	22.00	a_e	Ms	4.1
NEUB	21.57		P	12:36:48.037	-0.3	357.7		10.24		TAS		165.3	1.22	m_e	mb	5.3
NRDL	20.22		P	12:36:33.913	0.5	357.7		10.24		TAS		212.5	1.90	m_e	mb	5.0
PLN	22.29		P	12:36:55.630		357.7		10.24		TAS		63.8	1.49	m_e	mb	4.8
ROTZ	23.01		P	12:37:03.223		357.7		10.24		TAS		203.3	2.06	m_e	mb	5.3
UBBA	21.90		P	12:36:51.074	0.3	357.7		10.24		TAS		128.4	1.87	m_e	mb	5.0
UBR	25.04		P	12:37:21.715		357.7		10.24		TAS		69.4	1.67	m_e	mb	5.1
WERD	22.33		P	12:36:55.782		357.7		10.24		TAS		43.2	1.46	m_e	mb	4.7
WET	23.66		P	12:37:10.057		357.7		10.24		TAS		210.9	2.21	m_e	mb	5.3

Event 50119004 Greenland Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/19	12:45:11.80			73.3100	6.2500				2.0			27		19.21	25.83	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	50119010
Ms	4.3		BGR	50119010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	22.86		P	12:50:15.813	0.9	356.4		10.25		TAS		448.3	1.11	m_e	mb	5.9
ASSE	21.35		P	12:49:59.560	-0.3	356.4		10.25		TAS		418.7	1.70	m_e	mb	5.5
BFO	25.08		P	12:50:37.688		356.4		10.25		TAS		478.6	1.39	m_e	mb	6.0

BRG	22.76	P	12:50:13.247	-0.4	356.4	10.25	TAS	268.3	1.42	m_e	mb	5.6
BUG	21.96	P	12:50:06.159	0.4	356.4	10.25	TAS	465.5	1.31	m_e	mb	5.8
CLL	22.28	P	12:50:08.343	0.1	356.4	10.25	TAS	339.7	1.39	m_e	mb	5.6
FBE	22.68	P	12:50:13.003	0.5	356.4	10.25	TAS	396.8	1.20	m_e	mb	5.8
FLT1	21.17	P	12:49:56.994	-0.8	356.4	10.25	TAS	455.2	1.43	m_e	mb	5.6
GRA1	23.80	L	12:58:34.682				T__	1002.6	21.50	a_e	Ms	4.3
GTTG	21.90	P	12:50:05.758	-0.0	356.4	10.25	TAS	312.5	1.34	m_e	mb	5.6
GUNZ	23.18	P	12:50:18.258	0.7	356.4	10.25	TAS	419.4	1.77	m_e	mb	5.7
HLG	19.21	P	12:49:36.652	-1.4	356.4	10.25	TAS	1843.2	2.62	m_e	mb	5.8
IBBN	21.09	P	12:49:56.872	-0.4	356.4	10.25	TAS	601.7	1.66	m_e	mb	5.7
KAST	22.21	P	12:50:09.214	0.7	356.4	10.25	TAS	304.1	1.13	m_e	mb	5.6
MOX	22.87	P	12:50:15.202	-0.0	356.4	10.25	TAS	210.0	1.11	m_e	mb	5.6
MOX	22.87	L	12:59:39.548				T__	1049.6	18.70	a_e	Ms	4.3
NEUB	22.33	P	12:50:09.669	0.2	356.4	10.25	TAS	578.8	1.10	m_e	mb	5.9
NRDL	20.96	P	12:49:55.528	-0.5	356.4	10.25	TAS	349.9	1.37	m_e	mb	5.5
PLN	23.05	P	12:50:16.791	0.1	356.4	10.25	TAS	200.2	1.10	m_e	mb	5.6
RJOB	25.83	P	12:50:43.798		356.4	10.25	TAS	1065.4	1.49	m_e	mb	6.3
ROTZ	23.77	P	12:50:25.101	-0.4	356.4	10.25	TAS	289.1	1.48	m_e	mb	5.6
RUE	21.16	P	12:49:56.916	0.6	356.4	10.25	TAS	512.3	1.60	m_e	mb	5.6
STU	24.66	P	12:50:33.655		356.4	10.25	TAS	237.4	1.27	m_e	mb	5.8
TANN	23.14	P	12:50:17.769	0.2	356.4	10.25	TAS	289.6	1.53	m_e	mb	5.6
TNS	23.19	P	12:50:20.058	1.4	356.4	10.25	TAS	460.3	1.34	m_e	mb	5.8
UBBA	22.63	P	12:50:12.758	0.0	356.4	10.25	TAS	442.4	1.59	m_e	mb	5.7
UBR	25.77	P	12:50:44.165		356.4	10.25	TAS	253.8	1.19	m_e	mb	5.7
WERD	23.10	P	12:50:17.280	0.2	356.4	10.25	TAS	209.5	1.62	m_e	mb	5.4
WLF	23.73	P	12:50:24.979	-1.2	356.4	10.25	TAS	478.4	1.47	m_e	mb	5.8

Event 50119006 Greenland Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/19	15:05:51.35			73.0570	7.1260				10.0				15	21.34	25.50	m i ke	BGR
	50119012																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	50119012
Ms	3.6		BGR	50119012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	22.60		P	15:10:51.582		357.0		9.92		TAS		63.6	1.03	m_e	mb	5.1
BFO	24.82		P	15:11:13.117		357.0		9.92		TAS		49.7	1.32	m_e	mb	5.1
CLZ	21.34		P	15:10:38.469	0.4	357.0		9.92		TAS		57.1	1.41	m_e	mb	4.7
FBE	22.38		P	15:10:50.139		357.0		9.92		TAS		45.0	1.08	m_e	mb	4.8
GEC2	24.47		P	15:11:10.350		357.0		9.92		TAS		36.2	1.21	m_e	mb	4.8
GRA1	23.52		P	15:11:00.846		357.0		9.92		TAS		95.1	1.86	m_e	mb	5.0
GRA1	23.52		L	15:19:20.475						T__		236.5	18.50	a_e	Ms	3.7
KAST	21.94		P	15:10:45.447	-0.7	357.0		9.92		TAS		43.3	1.06	m_e	mb	4.8

MOX	22.58	P	15:10:50.981	357.0	9.92	TAS	27.6	1.03	m_e	mb	4.7
MOX	22.58	L	15:18:27.904			T__	173.8	21.50	a_e	Ms	3.5
NEUB	22.04	P	15:10:45.687	357.0	9.92	TAS	90.5	1.07	m_e	mb	5.1
ROTZ	23.48	P	15:11:00.966	357.0	9.92	TAS	125.4	2.17	m_e	mb	5.1
TANN	22.84	P	15:10:54.951	357.0	9.92	TAS	62.6	1.91	m_e	mb	4.8
UBR	25.50	P	15:11:19.974	357.0	9.92	TAS	43.9	1.23	m_e	mb	5.1
WERD	22.80	P	15:10:53.387	357.0	9.92	TAS	25.2	1.35	m_e	mb	4.6
WERN	22.97	P	15:10:56.515	357.0	9.92	TAS	39.0	1.01	m_e	mb	4.9
WET	24.13	P	15:11:07.462	357.0	9.92	TAS	44.7	1.56	m_e	mb	4.8

Event 50119007 Borneo

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/19	17:20:43.98			4.4500	118.4900				33.0			16		94.88	97.91	m i ke	BGR
OrigID 50119013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	50119013
Ms	5.0		BGR	50119013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	97.32		P	17:33:22.368		73.7		4.50		TAS		37.9	1.78	m_e	mb	5.7
BRG	95.68		P	17:33:15.006	-0.5	73.7		4.50		TAS		56.7	1.57	m_e	mb	5.9
BSEG	96.99		P	17:33:21.218	-0.1	73.7		4.50		TAS		48.5	1.45	m_e	mb	5.9
CLL	96.15		P	17:33:16.616	-0.2	73.7		4.50		TAS		56.7	1.93	m_e	mb	5.8
CLZ	97.58		P	17:33:23.518		73.7		4.50		TAS		33.4	1.35	m_e	mb	5.9
GEC2	96.33		P	17:33:18.112	-0.1	73.7		4.50		TAS		110.3	2.41	m_e	mb	6.0
GRA1	97.68		P	17:33:23.979		73.7		4.50		TAS		43.1	1.69	m_e	mb	5.9
GRA1	97.68		L	18:20:15.318						T__		645.7	20.50	a_e	Ms	5.1
GTTG	97.91		P	17:33:25.129		73.7		4.50		TAS		32.6	1.36	m_e	mb	5.9
GUNZ	96.81		P	17:33:20.297	0.2	73.7		4.50		TAS		36.9	1.50	m_e	mb	5.8
LNIZ	94.88		P	17:33:11.670	0.2	73.7		4.50		TAS		398.0	2.61	m_e	mb	6.4
MOX	97.17		P	17:33:21.563		73.7		4.50		TAS		17.2	1.16	m_e	mb	5.6
MOX	97.17		L	18:25:50.964						T__		468.1	20.90	a_e	Ms	4.9
PLN	96.88		P	17:33:20.412	-0.2	73.7		4.50		TAS		43.4	1.81	m_e	mb	5.8
ROTZ	97.04		P	17:33:21.563	0.1	73.7		4.50		TAS		21.5	1.33	m_e	mb	5.6
TANN	96.71		P	17:33:19.492	0.2	73.7		4.50		TAS		21.3	1.28	m_e	mb	5.6
WERD	96.80		P	17:33:19.952	0.3	73.7		4.50		TAS		15.2	1.17	m_e	mb	5.5
WET	96.78		P	17:33:20.297	0.4	73.7		4.50		TAS		17.7	1.34	m_e	mb	5.5

Event 50119008 Eastern Honshu, Japan

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

2015/01/19 22:34:48.72 37.8580 140.4210 33.0 16 79.89 84.20 m i ke BGR
50119014

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 50119014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	82.88		P	22:46:51.632		38.2		5.23		TAS		14.3	0.98	m_e	mb 5.2
BFO	84.20		P	22:46:58.301		38.2		5.23		TAS		14.8	0.81	m_e	mb 5.3
CLL	79.99		P	22:46:36.160	0.1	38.2		5.23		TAS		24.9	1.02	m_e	mb 5.1
CLZ	80.60		P	22:46:40.250	0.2	38.2		5.23		TAS		20.4	0.96	m_e	mb 5.1
FBE	80.15		P	22:46:37.494	0.0	38.2		5.23		TAS		25.9	1.06	m_e	mb 5.1
FLT1	79.89		P	22:46:35.538	-0.4	38.2		5.23		TAS		25.5	0.96	m_e	mb 5.1
FUR	83.14		P	22:46:53.144		38.2		5.23		TAS		42.9	1.08	m_e	mb 5.6
GRA1	81.96		P	22:46:47.453		38.2		5.23		TAS		53.0	1.40	m_e	mb 5.5
IBBN	81.20		P	22:46:43.007	-0.3	38.2		5.23		TAS		27.9	0.85	m_e	mb 5.3
KAST	81.85		P	22:46:46.386		38.2		5.23		TAS		7.0	0.88	m_e	mb 4.8
MOX	81.06		P	22:46:42.118	-0.1	38.2		5.23		TAS		17.9	1.48	m_e	mb 4.9
NEUB	80.57		P	22:46:39.628	-0.1	38.2		5.23		TAS		26.8	0.96	m_e	mb 5.2
STU	83.50		P	22:46:54.833		38.2		5.23		TAS		30.6	1.07	m_e	mb 5.5
UBBA	81.55		P	22:46:44.607		38.2		5.23		TAS		5.6	0.62	m_e	mb 4.9
WERN	81.03		P	22:46:42.207	-0.1	38.2		5.23		TAS		10.3	0.74	m_e	mb 4.9
WET	81.71		P	22:46:45.674		38.2		5.23		TAS				m_e	

Event 50120003 Guatemala
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2015/01/20 06:59:57.15 15.2090 -90.2760 160.7 2.0 7 82.65 87.42 m i ke BGR
50120009

Magnitude Err Nsta Author OrigID
mb 5.4 BGR 50120009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.00		P	07:12:03.038	-0.3	288.5		4.92		TAS		61.6	1.62	m_e	mb 5.6
ASSE	84.71		P	07:12:11.647	-0.6	288.5		4.92		TAS		75.5	1.58	m_e	mb 5.7
BSEG	83.96		P	07:12:07.853	0.2	288.5		4.92		TAS		37.0	1.07	m_e	mb 5.5
BSEG	83.96		sP	07:13:04.756						T__				m_e	
CLL	86.34		pP	07:12:59.605						T__				m_e	
CLL	86.34		sP	07:13:16.786						T__				m_e	
CLZ	84.62		P	07:12:11.501	0.2	288.5		4.92		TAS		33.2	1.25	m_e	mb 5.4
FLT1	84.98		P	07:12:12.231	-0.1	288.5		4.92		TAS		48.6	1.58	m_e	mb 5.5
FLT1	84.98		pP	07:12:52.223						T__				m_e	
GRA1	85.80		P	07:12:16.900	0.1	288.5		4.92		TAS		45.3	1.35	m_e	mb 5.4
GTTG	84.47		P	07:12:10.480	0.5	288.5		4.92		TAS		37.4	1.01	m_e	mb 5.6
GTTG	84.47		sP	07:13:08.021						T__				m_e	

GUNZ	86.26	P	07:12:19.235	0.2	288.5		4.92	TAS	27.2	1.43	m_e	mb	5.2
KAST	83.64	P	07:12:05.956	0.1	288.5		4.92	TAS	41.6	1.55	m_e	mb	5.4
MOX	85.73	P	07:12:16.463	0.0	288.5		4.92	TAS	38.2	1.69	m_e	mb	5.3
MOX	85.73	sP	07:13:13.813					T__			m_e		
NEUB	85.65	P	07:12:16.025	0.1	288.5		4.92	TAS	21.6	1.11	m_e	mb	5.2
NRDL	84.27	P	07:12:09.312	0.2	288.5		4.92	TAS	57.4	1.58	m_e	mb	5.6
PLN	86.11	P	07:12:18.214	0.1	288.5		4.92	TAS	35.6	1.63	m_e	mb	5.2
PLN	86.11	pP	07:12:58.530					T__			m_e		
RJOB	87.42	pP	07:13:04.581					T__			m_e		
ROTZ	86.38	P	07:12:19.968		288.5		4.92	TAS	17.4	1.36	m_e	mb	5.0
ROTZ	86.38	sP	07:13:17.046					T__			m_e		
TANN	86.32	P	07:12:19.381		288.5		4.92	TAS	28.2	1.33	m_e	mb	5.2
TANN	86.32	pP	07:12:59.438					T__			m_e		
TNS	83.93	P	07:12:07.853	0.0	288.5		4.92	TAS	42.0	1.30	m_e	mb	5.5
UBBA	84.71	pP	07:12:51.233					T__			m_e		
UBR	85.72	P	07:12:16.608	-0.2	288.5		4.92	TAS	29.2	1.19	m_e	mb	5.3
UBR	85.72	pP	07:12:56.230					T__			m_e		
WERN	86.31	P	07:12:19.527	-0.2	288.5		4.92	TAS	30.9	1.40	m_e	mb	5.2
WERN	86.31	sP	07:13:16.865					T__			m_e		
WET	87.00	P	07:12:22.527		288.5		4.92	TAS	30.9	1.35	m_e	mb	5.3
WET	87.00	sP	07:13:20.318					T__			m_e		
WLF	82.65	P	07:12:01.287	-0.1	288.5		4.92	TAS	23.9	1.22	m_e	mb	5.3

Event 50120004 Northern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/20	07:35:20.70			42.1300	84.5900				30.0					49.72	49.72	m i ke	EMSC
50120036																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	50120010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	49.72		P	07:44:11.497		69.1		6.52		TAS		19.6	0.91	m_e	mb	5.0

Event 50120005 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/20	08:14:28.55			-17.2230	-174.2000				33.0				19	144.71	149.42	m i ke	BGR
50120011																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.91		PKPbc	08:34:13.481		9.6		2.88		TAS				m_e	
BRG	145.80		PKPbc	08:34:04.568	0.0	9.6		2.88		TAS				m_e	
CLL	145.51		PKPbc	08:34:03.413	0.2	9.6		2.88		TAS				m_e	
CLZ	145.27		PKPbc	08:34:03.192	-0.3	9.6		2.88		TAS				m_e	
FBE	145.84		PKPbc	08:34:05.105	-0.1	9.6		2.88		TAS				m_e	
FLT1	144.71		PKPbc	08:34:00.538	-0.9	9.6		2.88		TAS				m_e	
GEC2	147.81		PKPbc	08:34:10.463		9.6		2.88		TAS				m_e	
GTTG	145.60		PKPbc	08:34:04.175	-0.1	9.6		2.88		TAS				m_e	
GUNZ	146.53		PKPbc	08:34:07.038	-0.1	9.6		2.88		TAS				m_e	
IBBN	144.96		PKPbc	08:34:02.104	0.2	9.6		2.88		TAS				m_e	
KAST	146.04		PKPbc	08:34:05.246	0.3	9.6		2.88		TAS				m_e	
NEUB	145.78		PKPbc	08:34:04.479	0.4	9.6		2.88		TAS				m_e	
PLN	146.43		PKPbc	08:34:06.600	0.3	9.6		2.88		TAS				m_e	
RJOB	149.03		PKPbc	08:34:13.536		9.6		2.88		TAS				m_e	
ROTZ	147.13		PKPbc	08:34:08.657	-0.4	9.6		2.88		TAS				m_e	
TANN	146.46		PKPbc	08:34:06.778	0.5	9.6		2.88		TAS				m_e	
TNS	147.01		PKPbc	08:34:08.153	-0.4	9.6		2.88		TAS				m_e	
UBR	149.42		PKPbc	08:34:14.552		9.6		2.88		TAS				m_e	
WLF	147.64		PKPbc	08:34:10.737		9.6		2.88		TAS				m_e	

Event 50120007 Eastern Kazakhstan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/20	09:30:55.11			47.7410	79.8700				33.0					43.89	43.89	m i ke	BGR
50120013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	50120013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	43.89		P	09:38:57.647		65.5		6.94		TAS		10.2	0.94	m_e mb	4.5

Event 50120009 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/20	10:32:25.40			64.5500	-17.4600				2.0				12	20.25	21.57	m i ke	EMSC
50120041																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	50120015
Ms	3.9		BGR	50120015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	21.37		P	10:37:14.507		325.1		10.37		TAS		41.6	1.32	m_e	mb 4.6
BRG	21.35		P	10:37:13.339		325.1		10.37		TAS		27.6	1.10	m_e	mb 4.5
CLL	20.64		P	10:37:05.896	-0.5	325.1		10.37		TAS		50.5	1.49	m_e	mb 4.6
GRA1	21.26		P	10:37:12.817		325.1		10.37		TAS		26.5	1.08	m_e	mb 4.5
GRA1	21.26		L	10:47:17.752						T__		419.1	18.30	a_e	Ms 3.9
GUNZ	21.13		P	10:37:11.074	-0.2	325.1		10.37		TAS		81.2	1.60	m_e	mb 4.8
MOX	20.63		P	10:37:06.231	-0.1	325.1		10.37		TAS		26.1	1.15	m_e	mb 4.5
MOX	20.63		L	10:45:17.097						T__		687.3	19.20	a_e	Ms 4.0
NEUB	20.25		P	10:37:01.981	-0.1	325.1		10.37		TAS		81.1	1.31	m_e	mb 4.8
PLN	20.97		P	10:37:09.498	0.6	325.1		10.37		TAS		34.6	1.10	m_e	mb 4.6
ROTZ	21.57		P	10:37:15.939		325.1		10.37		TAS		164.9	2.54	m_e	mb 5.0
TANN	21.14		P	10:37:11.251		325.1		10.37		TAS		44.4	1.48	m_e	mb 4.6
WERD	21.05		P	10:37:10.350	0.9	325.1		10.37		TAS		26.8	1.36	m_e	mb 4.4
WERN	21.21		P	10:37:12.123		325.1		10.37		TAS		78.6	1.44	m_e	mb 4.8

Event 50120010 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/20	11:22:59.30			64.5400	-18.0700				10.0					21.48	21.48	m i ke	NEIC
OrigID 50120049																	

Magnitude	Err	Nsta	Author	OrigID
mb 4.1			BGR	50120016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.48		P	11:27:47.516		324.7		9.64		TAS		14.7	1.34	m_e	mb 4.1

Event 50120011 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/20	12:46:40.60			48.2600	154.7800				50.0				13	75.08	79.49	m i ke	EMSC
OrigID 50120043																	

Magnitude	Err	Nsta	Author	OrigID
mb 5.0			BGR	50120017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.74		P	12:58:32.566		24.0		5.78		TAS		20.8	0.93	m_e	mb 5.2
BFO	79.49		P	12:58:42.082		24.0		5.78		TAS		21.1	1.24	m_e	mb 5.0
CLL	75.55		P	12:58:19.401	-0.1	24.0		5.78		TAS		16.0	0.91	m_e	mb 5.1
FBE	75.80		P	12:58:21.612	0.3	24.0		5.78		TAS		14.2	0.76	m_e	mb 5.2
FLT1	75.08		P	12:58:16.781	-0.4	24.0		5.78		TAS		7.0	0.75	m_e	mb 4.8

GEC2	77.58	P	12:58:31.519	24.0	5.78	TAS	9.0	0.88	m_e	mb	4.9
GRA1	77.49	P	12:58:31.355	24.0	5.78	TAS	13.1	0.88	m_e	mb	5.1
GUNZ	76.58	P	12:58:26.033	0.1 24.0	5.78	TAS	8.6	0.87	m_e	mb	4.9
MOX	76.52	P	12:58:25.214	0.1 24.0	5.78	TAS	8.8	1.12	m_e	mb	4.8
PLN	76.52	P	12:58:25.378	-0.1 24.0	5.78	TAS	4.5	0.71	m_e	mb	4.7
TNS	77.71	P	12:58:32.338	24.0	5.78	TAS	12.7	0.82	m_e	mb	5.1
WERN	76.64	P	12:58:26.279	0.3 24.0	5.78	TAS	9.9	0.76	m_e	mb	5.0
WET	77.54	P	12:58:31.519	24.0	5.78	TAS	17.4	1.09	m_e	mb	5.1

Event 50121002 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/21	01:30:09.94			42.6770	20.3090				5.0					7.33	11.12	m i ke	BGR
50121008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	10.13		Pn	01:32:33.660						T__				m_e	
FUR	8.39		Pn	01:32:08.904						T__				m_e	
GEC2	7.70		Pn	01:32:00.718						T__				m_e	
GUNZ	9.45		Pn	01:32:25.357						T__				m_e	
RJOB	7.33		Sn	01:33:16.712						T__				m_e	
RJOB	7.33		Pn	01:31:56.549						T__				m_e	
TNS	11.12		Pn	01:32:46.832						T__				m_e	
UBR	8.77		Pn	01:32:15.046						T__				m_e	
WERD	9.52		Pn	01:32:26.859						T__				m_e	

Event 50121011 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/21	13:58:03.40			38.2500	42.8600				4.0					25.29	25.29	m i ke	ISK
50121107																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	25.29		P	14:03:33.021		104.8		9.75		TAS		27.3	0.89	m_e	mb	5.0

Event 50122001 Norwegian Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/22	00:39:35.05			72.0900	7.4600				10.0				26	19.70	24.56	m i ke	BGR
50122007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50122007
Ms	4.1		BGR	50122007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	21.63		P	00:44:20.081		358.5		10.30		TAS		162.6	1.17	m_e	mb 5.3
ASSE	20.09		P	00:44:03.484	1.0	358.5		10.30		TAS		178.5	1.64	m_e	mb 5.0
BFO	23.84		P	00:44:42.558		358.5		10.30		TAS		160.7	1.29	m_e	mb 5.4
BRG	21.49		P	00:44:17.805	-1.2	358.5		10.30		TAS		86.4	1.34	m_e	mb 4.9
BUG	20.72		P	00:44:10.218	1.4	358.5		10.30		TAS		197.8	1.23	m_e	mb 5.3
CLZ	20.36		P	00:44:06.899	-0.3	358.5		10.30		TAS		159.2	1.47	m_e	mb 5.0
FLT1	19.90		P	00:44:01.113	-0.2	358.5		10.30		TAS		122.5	1.34	m_e	mb 5.0
FUR	24.07		P	00:44:45.048	-0.1	358.5		10.30		TAS		194.4	1.22	m_e	mb 5.5
GEC2	23.50		P	00:44:40.093	-0.0	358.5		10.30		TAS		129.1	1.31	m_e	mb 5.3
GRA1	22.54		L	00:55:11.473						T__		572.7	21.30	a_e	Ms 4.0
GTTG	20.65		P	00:44:10.123	0.0	358.5		10.30		TAS		97.6	1.18	m_e	mb 5.0
GUNZ	21.91		P	00:44:22.684	-0.2	358.5		10.30		TAS		59.3	1.30	m_e	mb 4.9
KAST	20.97		P	00:44:13.348	-2.1	358.5		10.30		TAS		130.7	1.38	m_e	mb 5.1
MOX	21.60		P	00:44:19.607	-0.6	358.5		10.30		TAS		105.4	1.23	m_e	mb 5.1
MOX	21.60		L	00:53:31.037						T__		868.0	18.70	a_e	Ms 4.2
NRDL	19.70		P	00:43:59.880	1.6	358.5		10.30		TAS		108.7	1.41	m_e	mb 4.9
PLN	21.78		P	00:44:21.409	0.4	358.5		10.30		TAS		97.9	1.32	m_e	mb 5.1
RJOB	24.56		P	00:44:49.312	0.8	358.5		10.30		TAS		186.0	1.15	m_e	mb 5.7
ROTZ	22.50		P	00:44:29.362	-0.3	358.5		10.30		TAS		104.8	1.41	m_e	mb 5.2
RUE	19.88		P	00:44:01.303	0.3	358.5		10.30		TAS		165.5	1.43	m_e	mb 5.1
STU	23.41		P	00:44:37.688		358.5		10.30		TAS		67.4	1.31	m_e	mb 5.0
TNS	21.95		P	00:44:24.162		358.5		10.30		TAS		136.0	1.29	m_e	mb 5.2
UBBA	21.38		P	00:44:17.329	0.9	358.5		10.30		TAS		108.5	1.58	m_e	mb 4.9
UBR	24.52		P	00:44:47.964		358.5		10.30		TAS		88.9	1.24	m_e	mb 5.4
WERD	21.83		P	00:44:21.735	-0.3	358.5		10.30		TAS		46.1	1.24	m_e	mb 4.8
WERN	21.99		P	00:44:24.609	0.8	358.5		10.30		TAS		135.1	1.22	m_e	mb 5.2
WET	23.16		P	00:44:36.132	0.2	358.5		10.30		TAS		137.2	1.64	m_e	mb 5.2
WLF	22.51		P	00:44:29.186		358.5		10.30		TAS		158.2	1.51	m_e	mb 5.3

Event 50123001 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/23	03:06:51.49			64.7140	-20.8780				10.0					22.63	22.63	m i ke	BGR
50123007																	

Magnitude Err Nsta Author OrigID
 mb 4.5 BGR 50123007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.63		P	03:11:52.981		322.5		10.38		TAS		27.5	1.61	m_e	mb 4.5

Event 50123003 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/23	03:47:29.53			-17.1220	168.4450				226.7			15		138.01	144.88	m i ke	BGR
	50123009																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	143.46		PKPbc	04:06:33.497		37.4		3.08		TAS				m_e	
ASSE	140.90		PKPbc	04:06:25.563	0.2	37.4		3.08		TAS				m_e	
BFO	144.88		PKPbc	04:06:37.686		37.4		3.08		TAS				m_e	
BRG	140.65		PKPbc	04:06:24.670	0.2	37.4		3.08		TAS				m_e	
BSEG	139.53		PKPbc	04:06:21.005	0.2	37.4		3.08		TAS				m_e	
BUG	142.63		PKPbc	04:06:31.166		37.4		3.08		TAS				m_e	
CLL	140.69		PKPbc	04:06:24.800	0.2	37.4		3.08		TAS				m_e	
CLZ	141.24		PKPbc	04:06:26.431		37.4		3.08		TAS				m_e	
FBE	140.85		PKPbc	04:06:25.423	0.2	37.4		3.08		TAS				m_e	
FLT1	140.54		PKPbc	04:06:24.235	0.2	37.4		3.08		TAS				m_e	
FUR	143.84		PKPbc	04:06:34.637		37.4		3.08		TAS				m_e	
GEC2	142.28		PKPbc	04:06:29.538		37.4		3.08		TAS				m_e	
GOR1	139.97		PKPbc	04:06:22.577	0.2	37.4		3.08		TAS				m_e	
GRA1	142.66		PKPbc	04:06:30.836		37.4		3.08		TAS				m_e	
GTTG	141.63		PKPbc	04:06:27.317		37.4		3.08		TAS				m_e	
GUNZ	141.69		PKPbc	04:06:27.474		37.4		3.08		TAS				m_e	
HLG	140.06		PKPbc	04:06:23.497	0.2	37.4		3.08		TAS				m_e	
IBBN	141.72		PKPbc	04:06:28.210		37.4		3.08		TAS				m_e	
KAST	142.45		PKPbc	04:06:30.237		37.4		3.08		TAS				m_e	
MOX	141.75		PKPbc	04:06:27.783		37.4		3.08		TAS				m_e	
NEUB	141.25		PKPbc	04:06:26.134		37.4		3.08		TAS				m_e	
NRDL	140.80		PKPbc	04:06:25.508	-0.3	37.4		3.08		TAS				m_e	
PLN	141.66		PKPbc	04:06:27.411		37.4		3.08		TAS				m_e	
RGN	138.01		PKPbc	04:06:16.302	0.2	37.4		3.08		TAS				m_e	
ROTZ	142.21		PKPbc	04:06:29.145		37.4		3.08		TAS				m_e	
RUE	139.48		PKPbc	04:06:20.665	0.2	37.4		3.08		TAS				m_e	
SKMB	139.14		PKPbc	04:06:20.021	0.2	37.4		3.08		TAS				m_e	
STU	144.19		PKPbc	04:06:35.656		37.4		3.08		TAS				m_e	
TANN	141.60		PKPbc	04:06:27.030	0.1	37.4		3.08		TAS				m_e	
TNS	143.27		PKPbc	04:06:32.548		37.4		3.08		TAS				m_e	
UBBA	142.22		PKPbc	04:06:29.141		37.4		3.08		TAS				m_e	

UBR	144.71	PKPbc	04:06:37.242	37.4	3.08	TAS	m_e
WERD	141.64	PKPbc	04:06:27.157	37.4	3.08	TAS	m_e
WERN	141.73	PKPbc	04:06:27.682	37.4	3.08	TAS	m_e
WET	142.41	PKPbc	04:06:29.821	37.4	3.08	TAS	m_e
WLF	144.52	PKPbc	04:06:36.850	37.4	3.08	TAS	m_e

Event 50123004 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/23	06:51:26.06	0.49	0.83	44.3970	11.1660	8.9	6.7	112	10.0			28	275	2.89	6.28	m i ke	BGR
OrigID 50123010																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.5		BGR	50123010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	4.17		Pn	06:52:27.591	-0.7					T__				m_e	ML 4.2
BALST	3.81		Pn	06:52:22.514	-0.8					T__				m_e	ML 4.7
BE1	3.51		Sg	06:53:16.885	-0.7					T__				m_e	
BE1	3.51		Pn	06:52:20.025	0.7					T__				m_e	ML 4.6
BFO	4.40		Pn	06:52:30.331	-0.9					T__				m_e	ML 4.4
DAVA	3.03		Pn	06:52:14.004	1.2					T__				m_e	ML 4.5
FUR	3.77		Pn	06:52:22.947	0.2					T__				m_e	ML 4.8
GEC2	4.78		Pn	06:52:36.019	-0.4					T__				m_e	ML 4.3
GRA1	5.30		Sg	06:54:13.656	-0.5					T__				m_e	
GRA1	5.30		Pn	06:52:41.764	-1.6					T__				m_e	ML 4.8
KBA	3.09		Pn	06:52:13.474	-0.1					T__				m_e	ML 4.2
KW1	3.86		Pn	06:52:24.923	1.0					T__				m_e	ML 4.9
MOA	4.07		Pn	06:52:27.294	0.4					T__				m_e	ML 4.3
MOX	6.26		Pn	06:52:55.513	-0.8					T__				m_e	ML 4.6
NORI	4.34		Pn	06:52:29.259	-1.2					T__				m_e	ML 4.4
OBER	3.07		Pn	06:52:14.488	1.1					T__				m_e	ML 4.1
OBKA	3.18		Pn	06:52:14.844	-0.0					T__				m_e	ML 4.6
PART	3.10		Pn	06:52:14.812	1.0					T__				m_e	ML 4.1
PLONS	2.93		Pn	06:52:12.453	0.9					T__				m_e	ML 4.1
ROTZ	5.42		Pn	06:52:43.595	-1.4					T__				m_e	ML 4.3
SLE	3.85		Pn	06:52:23.395	-0.5					T__				m_e	
STU	4.58		Pn	06:52:33.613	-0.1					T__				m_e	ML 4.8
SULZ	3.79		Pn	06:52:22.622	-0.4					T__				m_e	ML 4.9
TNS	6.11		Pn	06:52:54.145	-0.2					T__				m_e	ML 4.6
UBR	3.37		Pn	06:52:17.992	0.7					T__				m_e	ML 4.6
WET	4.89		Sg	06:54:02.273	1.0					T__				m_e	
WET	4.89		Pn	06:52:37.421	-0.5					T__				m_e	ML 4.5
WILA	3.40		Pn	06:52:17.685	-0.2					T__				m_e	ML 4.6
WLF	6.28		Pn	06:52:57.618	0.9					T__				m_e	ML 4.7
WTTA	2.89		Pn	06:52:11.387	0.5					T__				m_e	ML 4.6

ZUGS 3.02 Pn 06:52:14.218 1.5 T__ m_e ML 4.5

Event 50124002 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/24	07:25:39.10			65.1440	-20.2800				10.0					22.60	22.60	m i ke	BGR
OrigID 50124008																	

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 50124008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.60		P	07:30:39.117		323.8		10.36		TAS		54.6	1.51	m_e mb	4.9

Event 50124003 Myanmar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/24	16:11:50.25			24.2820	96.7200				33.0					69.05	69.05	m i ke	BGR
OrigID 50124009																	

Magnitude Err Nsta Author OrigID
mb 5.6 BGR 50124009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	69.05		P	16:22:52.265		83.9		5.62		TAS		99.2	2.26	m_e mb	5.6

Event 50125001 Philippine Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/25	08:24:30.83			20.6220	125.3340				29.2	1.3		22		86.88	91.32	m i ke	BGR
OrigID 50125007																	

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 50125007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	91.32		P	08:37:25.804	-1.6	58.7		4.71		TAS		4.5	1.24	m_e mb	4.6
BRG	86.88		P	08:37:06.230	0.2	58.7		4.71		TAS		5.5	1.01	m_e mb	4.7
BRG	86.88		sP	08:37:18.032	0.5					T__				m_e	
BSEG	87.24		P	08:37:07.688	-0.4	58.7		4.71		TAS		10.6	1.07	m_e mb	5.0

BSEG	87.24	sP	08:37:19.293	0.5						T__						m_e	
CLL	87.18	P	08:37:07.312	-0.6	58.7		4.71			TAS	10.8	0.95	m_e mb			5.1	
CLL	87.18	sP	08:37:19.324	0.5						T__						m_e	
CLZ	88.32	P	08:37:13.551	0.3	58.7		4.71			TAS	11.8	0.99	m_e mb			5.0	
CLZ	88.32	sP	08:37:25.362	0.5						T__						m_e	
FBE	87.18	P	08:37:07.689	0.2	58.7		4.71			TAS	13.1	0.92	m_e mb			5.2	
FBE	87.18	sP	08:37:19.415	0.5						T__						m_e	
FLT1	87.61	P	08:37:09.161	-0.9	58.7		4.71			TAS	6.1	0.88	m_e mb			4.8	
FLT1	87.61	sP	08:37:21.113	0.5						T__						m_e	
FUR	89.75	P	08:37:20.467	0.5	58.7		4.71			TAS	15.0	0.83	m_e mb			5.2	
GEC2	88.01	P	08:37:11.836	0.5	58.7		4.71			TAS	5.4	0.95	m_e mb			4.8	
GEC2	88.01	sP	08:37:24.240	0.5						T__						m_e	
GRA1	88.98	P	08:37:16.107	-0.3	58.7		4.71			TAS	3.7	0.82	m_e mb			4.6	
GUNZ	88.03	P	08:37:12.047	0.2	58.7		4.71			TAS	9.7	0.90	m_e mb			5.0	
GUNZ	88.03	sP	08:37:23.792	0.5						T__						m_e	
IBBN	89.42	P	08:37:18.835	0.8	58.7		4.71			TAS	7.0	0.86	m_e mb			4.8	
KAST	89.69	P	08:37:20.236	-0.1	58.7		4.71			TAS	2.4	0.98	m_e mb			4.3	
MOX	88.28	P	08:37:12.874	-0.2	58.7		4.71			TAS	4.4	1.00	m_e mb			4.5	
NRDL	88.11	P	08:37:12.498	0.2	58.7		4.71			TAS	4.6	0.88	m_e mb			4.7	
ROTZ	88.40	P	08:37:13.362	0.4	58.7		4.71			TAS	6.1	0.94	m_e mb			4.7	
TANN	87.93	P	08:37:11.296	-0.1	58.7		4.71			TAS	4.7	0.94	m_e mb			4.7	
TANN	87.93	sP	08:37:22.886	0.5						T__						m_e	
TNS	90.22	P	08:37:22.704	1.1	58.7		4.71			TAS						m_e	
UBR	90.67	P	08:37:24.275	0.0	58.7		4.71			TAS	7.3	0.86	m_e mb			5.0	
WERD	88.00	P	08:37:11.221	-0.5	58.7		4.71			TAS	5.4	0.91	m_e mb			4.8	
WERD	88.00	sP	08:37:23.580	0.5						T__						m_e	
WERN	88.04	P	08:37:11.972	0.0	58.7		4.71			TAS	8.7	0.88	m_e mb			5.0	
WERN	88.04	sP	08:37:24.460	0.5						T__						m_e	
WET	88.33	P	08:37:13.401	0.1	58.7		4.71			TAS						m_e	

Event 50125002 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/25	10:41:25.81			31.4280	138.8680				429.1			26		84.06	89.10	m i ke	BGR
50125008																	

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 50125008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	87.94		P	10:53:27.385	0.8	42.6		4.75		TAS					m_e
BFO	89.10		P	10:53:32.310	-0.5	42.6		4.75		TAS	15.0	0.65	m_e mb		5.4
BRG	84.76		P	10:53:11.907	0.0	42.6		4.75		TAS	7.9	0.81	m_e mb		5.0
BSEG	84.06		P	10:53:08.156	0.0	42.6		4.75		TAS	4.2	0.74	m_e mb		4.7
BUG	87.17		P	10:53:23.302	-0.5	42.6		4.75		TAS	9.9	0.77	m_e mb		5.0
CLL	84.86		P	10:53:12.036	-0.3	42.6		4.75		TAS					m_e

CLZ	85.59	P	10:53:16.121	0.3	42.6	4.75	TAS	6.0	0.85	m_e mb	4.7
FBE	84.99	P	10:53:13.348	0.4	42.6	4.75	TAS			m_e	
FLT1	84.87	P	10:53:12.067	-0.6	42.6	4.75	TAS	5.9	0.73	m_e mb	4.9
FUR	87.92	P	10:53:27.071	0.4	42.6	4.75	TAS	30.6	0.69	m_e mb	5.7
GEC2	86.31	P	10:53:18.873	-0.4	42.6	4.75	TAS	7.7	0.75	m_e mb	4.9
GRA1	86.82	P	10:53:21.968	0.7	42.6	4.75	TAS	11.3	0.85	m_e mb	5.0
GTTG	85.98	P	10:53:17.755	0.1	42.6	4.75	TAS			m_e	
GUNZ	85.84	P	10:53:17.282	0.2	42.6	4.75	TAS			m_e	
IBBN	86.31	P	10:53:19.302	0.1	42.6	4.75	TAS	15.8	0.71	m_e mb	5.2
MOX	85.95	P	10:53:17.411	-0.1	42.6	4.75	TAS	3.0	0.82	m_e mb	4.5
ROTZ	86.33	P	10:53:19.474	0.1	42.6	4.75	TAS	6.4	0.89	m_e mb	4.8
STU	88.39	P	10:53:29.106	-0.0	42.6	4.75	TAS	13.2	0.71	m_e mb	5.4
TANN	85.75	P	10:53:16.422	-0.2	42.6	4.75	TAS	2.2	0.83	m_e mb	4.3
TNS	87.61	P	10:53:25.537	0.1	42.6	4.75	TAS	4.1	0.64	m_e mb	4.9
UBBA	86.51	P	10:53:19.947	-0.3	42.6	4.75	TAS			m_e	
UBR	88.81	P	10:53:30.783	-0.3	42.6	4.75	TAS	7.5	0.69	m_e mb	5.0
WERD	85.79	P	10:53:16.680	-0.1	42.6	4.75	TAS	4.9	0.86	m_e mb	4.7
WERN	85.88	P	10:53:17.325	0.1	42.6	4.75	TAS	6.8	0.76	m_e mb	4.8
WET	86.48	P	10:53:20.119	0.1	42.6	4.75	TAS	3.1	0.80	m_e mb	4.5
WLF	88.99	P	10:53:32.054	-0.1	42.6	4.75	TAS	7.8	0.87	m_e mb	4.9

Event 50125004 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/25	18:27:02.12			65.3570	-21.0490				10.0					22.99	22.99	m i ke	BGR
50125010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50125010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.99		P	18:32:07.381		323.9		10.24		TAS		55.4	2.14	m_e mb	4.7

Event 50125005 West of Vancouver Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/01/25	21:10:04.88			51.1900	-135.6300				33.0					19	72.72	77.21	m i ke	BGR
50125011																		

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	50125011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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ASSE	73.19	P	21:21:32.653	0.2	339.1	5.74	TAS	3.8	0.83	m_e	mb	4.6
BFO	76.16	P	21:21:49.858		339.1	5.74	TAS	6.0	0.95	m_e	mb	4.7
BRG	75.08	P	21:21:43.917	-0.3	339.1	5.74	TAS	4.2	0.92	m_e	mb	4.5
CLL	74.47	P	21:21:40.563	-0.3	339.1	5.74	TAS	2.4	0.96	m_e	mb	4.2
CLZ	73.39	P	21:21:34.451	-0.3	339.1	5.74	TAS	6.7	0.90	m_e	mb	4.7
FBE	74.91	P	21:21:42.844	-0.3	339.1	5.74	TAS			m_e		
FLT1	73.13	P	21:21:32.397	0.3	339.1	5.74	TAS	4.7	0.80	m_e	mb	4.7
GEC2	76.95	P	21:21:54.513		339.1	5.74	TAS	3.6	0.96	m_e	mb	4.5
GRA1	75.59	P	21:21:46.736	-0.3	339.1	5.74	TAS			m_e		
GTTG	73.57	P	21:21:35.349	0.2	339.1	5.74	TAS	5.9	1.00	m_e	mb	4.6
GUNZ	75.22	P	21:21:44.531	-0.3	339.1	5.74	TAS	1.9	0.90	m_e	mb	4.1
MOX	74.79	P	21:21:41.974		339.1	5.74	TAS	3.8	0.85	m_e	mb	4.5
NRDL	72.72	P	21:21:30.016	-0.4	339.1	5.74	TAS	7.2	0.91	m_e	mb	4.8
RUE	73.53	P	21:21:34.627	0.2	339.1	5.74	TAS	6.4	0.79	m_e	mb	4.7
TANN	75.20	P	21:21:44.778		339.1	5.74	TAS	2.2	0.95	m_e	mb	4.2
TNS	74.44	P	21:21:40.097	-0.3	339.1	5.74	TAS			m_e		
UBR	77.21	P	21:21:56.094	-0.3	339.1	5.74	TAS	3.4	0.93	m_e	mb	4.5
WERD	75.13	P	21:21:43.992	-0.3	339.1	5.74	TAS	1.3	0.91	m_e	mb	3.9
WET	76.48	P	21:21:52.027		339.1	5.74	TAS	2.0	0.93	m_e	mb	4.2

Event 50125006 Near west coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/25	22:20:16.90			38.0820	139.8150				42.2	0.7		16		78.35	83.77	m i ke	BGR
OrigID 50125012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	50125012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	83.77	P		22:32:40.118	0.5	38.5		5.30		TAS		5.8	0.94	m_e	mb	4.8
BRG	79.50	P		22:32:17.242	0.1	38.5		5.30		TAS				m_e		
BSEG	78.55	P		22:32:11.877	0.5	38.5		5.30		TAS				m_e		
BSEG	78.55	pP		22:32:24.026	0.5					T__				m_e		
CLL	79.55	P		22:32:17.345	-0.3	38.5		5.30		TAS		6.3	0.89	m_e	mb	4.5
CLZ	80.17	P		22:32:20.785	-0.1	38.5		5.30		TAS				m_e		
FBE	79.71	P		22:32:18.254	-0.0	38.5		5.30		TAS				m_e		
FLT1	79.46	P		22:32:16.542	-0.9	38.5		5.30		TAS		4.2	0.76	m_e	mb	4.5
GEC2	81.15	P		22:32:25.848	0.3	38.5		5.30		TAS				m_e		
GRA1	81.53	P		22:32:28.277		38.5		5.30		TAS		7.3	0.84	m_e	mb	4.8
GTTG	80.56	P		22:32:22.760	-0.2	38.5		5.30		TAS				m_e		
GUNZ	80.55	P		22:32:22.608	0.1	38.5		5.30		TAS		6.8	1.17	m_e	mb	4.6
IBBN	80.78	P		22:32:23.964	-0.2	38.5		5.30		TAS		4.3	0.83	m_e	mb	4.5
KAST	81.42	P		22:32:27.569		38.5		5.30		TAS		2.5	0.72	m_e	mb	4.3
MOX	80.62	P		22:32:22.861	0.1	38.5		5.30		TAS		1.7	0.85	m_e	mb	4.1
NEUB	80.13	P		22:32:20.807	0.5	38.5		5.30		TAS		5.9	0.78	m_e	mb	4.6

ROTZ	81.07	P	22:32:25.544	0.3	38.5	5.30	TAS									m_e
ROTZ	81.07	pP	22:32:37.611	0.5			T__									m_e
RUE	78.35	P	22:32:10.931	0.5	38.5	5.30	TAS									m_e
RUE	78.35	pP	22:32:23.333	0.5			T__									m_e
UBBA	81.12	P	22:32:25.945	0.5	38.5	5.30	TAS				1.3	0.66	m_e	mb		4.1
WERN	80.59	P	22:32:23.013	-0.2	38.5	5.30	TAS				4.8	1.03	m_e	mb		4.5
WET	81.27	P	22:32:26.809		38.5	5.30	TAS									m_e

Event 50126001 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/25	23:55:51.53			-20.4870	169.8580				136.8			27		143.13	148.49	m i ke	BGR
OrigID 50126007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	144.51		PKPbc	00:15:09.166	0.1	34.8		2.98		TAS					m_e
BFO	148.49		PKPbc	00:15:20.554		34.8		2.98		TAS					m_e
BRG	144.24		PKPbc	00:15:08.455	-0.3	34.8		2.98		TAS					m_e
BRG	144.24		pPKPbc	00:15:43.771	0.4					T__					m_e
BSEG	143.13		PKPbc	00:15:04.472	-0.6	34.8		2.98		TAS					m_e
BUG	146.23		PKPbc	00:15:14.804	-0.1	34.8		2.98		TAS					m_e
CLL	144.29		PKPbc	00:15:08.510	-0.2	34.8		2.98		TAS					m_e
CLZ	144.85		PKPbc	00:15:10.192	0.4	34.8		2.98		TAS					m_e
FBE	144.45		PKPbc	00:15:09.287	0.0	34.8		2.98		TAS					m_e
FLT1	144.14		PKPbc	00:15:07.754	-0.8	34.8		2.98		TAS					m_e
FUR	147.44		PKPbc	00:15:18.740	0.4	34.8		2.98		TAS					m_e
GEC2	145.86		PKPbc	00:15:13.728	-0.1	34.8		2.98		TAS					m_e
GEC2	145.86		pPKPbc	00:15:49.433	0.4					T__					m_e
GRA1	146.26		PKPbc	00:15:14.949	0.3	34.8		2.98		TAS					m_e
GTTG	145.24		PKPbc	00:15:11.630	0.4	34.8		2.98		TAS					m_e
GTTG	145.24		pPKPbc	00:15:46.540	0.4					T__					m_e
GUNZ	145.29		PKPbc	00:15:11.952	0.2	34.8		2.98		TAS					m_e
GUNZ	145.29		pPKPbc	00:15:46.956	0.4					T__					m_e
IBBN	145.33		PKPbc	00:15:12.041	-0.0	34.8		2.98		TAS					m_e
IBBN	145.33		pPKPbc	00:15:47.118	0.4					T__					m_e
KAST	146.06		PKPbc	00:15:13.950	0.1	34.8		2.98		TAS					m_e
MOX	145.35		PKPbc	00:15:11.730	-0.1	34.8		2.98		TAS					m_e
MOX	145.35		pPKPbc	00:15:47.214	0.4					T__					m_e
NEUB	144.86		PKPbc	00:15:10.353	0.3	34.8		2.98		TAS					m_e
NRDL	144.40		PKPbc	00:15:08.843	-0.1	34.8		2.98		TAS					m_e
ROTZ	145.81		PKPbc	00:15:13.294	0.2	34.8		2.98		TAS					m_e
TANN	145.20		PKPbc	00:15:11.619	0.1	34.8		2.98		TAS					m_e
TANN	145.20		pPKPbc	00:15:46.580	0.4					T__					m_e
TNS	146.87		PKPbc	00:15:16.447	0.2	34.8		2.98		TAS					m_e

UBBA	145.82	PKPbc	00:15:13.173	0.0	34.8	2.98	TAS	m_e
UBR	148.30	PKPbc	00:15:20.443	-0.6	34.8	2.98	TAS	m_e
WERD	145.24	PKPbc	00:15:11.952	0.4	34.8	2.98	TAS	m_e
WERD	145.24	pPKPbc	00:15:46.669	0.4			T__	m_e
WERN	145.33	PKPbc	00:15:12.071	0.8	34.8	2.98	TAS	m_e
WET	146.00	PKPbc	00:15:14.169	-0.6	34.8	2.98	TAS	m_e
WLF	148.12	PKPbc	00:15:20.540	-0.4	34.8	2.98	TAS	m_e

Event 50126003 Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/26	04:25:46.03			-20.6510	168.9310				15.8	2.7		21		143.95	148.28	m i ke	BGR
50126009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	144.32		PKPbc	04:45:19.607	-0.1	39.4		3.09		TAS				m_e	
BFO	148.28		PKPbc	04:45:31.372	0.1	39.4		3.09		TAS				m_e	
BRG	144.00		PKPbc	04:45:18.413	-0.1	39.4		3.09		TAS				m_e	
BRG	144.00		pPKPbc	04:45:23.957						T__				m_e	
BUG	146.08		PKPbc	04:45:25.494		39.4		3.09		TAS				m_e	
CLL	144.06		PKPbc	04:45:18.623	0.4	39.4		3.09		TAS				m_e	
CLZ	144.66		PKPbc	04:45:21.137	0.2	39.4		3.09		TAS				m_e	
FBE	144.21		PKPbc	04:45:19.391	-0.3	39.4		3.09		TAS				m_e	
FLT1	143.95		PKPbc	04:45:18.239		39.4		3.09		TAS				m_e	
GEC2	145.58		PKPbc	04:45:23.100	-0.1	39.4		3.09		TAS				m_e	
GEC2	145.58		pPKPbc	04:45:27.779						T__				m_e	
GRA1	146.03		PKPbc	04:45:25.327	0.7	39.4		3.09		TAS				m_e	
GTTG	145.05		PKPbc	04:45:22.464	-0.1	39.4		3.09		TAS				m_e	
GUNZ	145.06		PKPbc	04:45:22.055	-0.9	39.4		3.09		TAS				m_e	
IBBN	145.19		PKPbc	04:45:22.673		39.4		3.09		TAS				m_e	
KAST	145.89		PKPbc	04:45:24.698	-0.5	39.4		3.09		TAS				m_e	
MOX	145.13		PKPbc	04:45:22.324	-0.0	39.4		3.09		TAS				m_e	
NEUB	144.65		PKPbc	04:45:20.718	0.0	39.4		3.09		TAS				m_e	
ROTZ	145.56		PKPbc	04:45:23.651	0.3	39.4		3.09		TAS				m_e	
TANN	144.97		PKPbc	04:45:21.702	0.1	39.4		3.09		TAS				m_e	
TNS	146.69		PKPbc	04:45:27.561	0.2	39.4		3.09		TAS				m_e	
TNS	146.69		pPKPbc	04:45:31.941						T__				m_e	
UBBA	145.63		PKPbc	04:45:23.860	0.3	39.4		3.09		TAS				m_e	
UBR	148.06		PKPbc	04:45:30.695	0.4	39.4		3.09		TAS				m_e	
WERD	145.00		PKPbc	04:45:21.835	-0.4	39.4		3.09		TAS				m_e	
WERN	145.10		PKPbc	04:45:22.249	0.4	39.4		3.09		TAS				m_e	
WET	145.74		PKPbc	04:45:24.161	0.1	39.4		3.09		TAS				m_e	
WET	145.74		pPKPbc	04:45:28.490						T__				m_e	
WLF	147.97		PKPbc	04:45:31.542	-0.2	39.4		3.09		TAS				m_e	

Event 50126004 Tuva-Buryatia-Mongolia border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/26	11:25:01.67			49.3500	88.3300				10.0			21		45.83	50.27	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	50126010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	50.27		P	11:33:58.870		59.8		7.92		TAS		1.7	0.73	m_e mb	4.1
BRG	45.83		P	11:33:24.482	-0.4	59.8		7.92		TAS		3.5	0.71	m_e mb	4.5
BSEG	46.34		P	11:33:28.070	0.9	59.8		7.92		TAS				m_e	
BUG	49.18		P	11:33:51.005	-0.2	59.8		7.92		TAS		8.1	0.74	m_e mb	4.8
CLL	46.14		P	11:33:26.947	-0.4	59.8		7.92		TAS		12.9	0.68	m_e mb	5.1
FBE	46.13		P	11:33:27.134	-0.1	59.8		7.92		TAS				m_e	
FLT1	46.61		P	11:33:30.459	-0.4	59.8		7.92		TAS		6.4	0.73	m_e mb	4.8
GEC2	46.96		P	11:33:33.485	-0.1	59.8		7.92		TAS		2.7	0.89	m_e mb	4.4
GRA1	47.93		P	11:33:41.031	-0.5	59.8		7.92		TAS		5.0	0.73	m_e mb	4.7
GTTG	47.68		P	11:33:39.369	0.4	59.8		7.92		TAS		17.3	0.86	m_e mb	5.2
GUNZ	46.97		P	11:33:33.933	-0.0	59.8		7.92		TAS		5.6	0.71	m_e mb	4.8
KAST	48.69		P	11:33:47.157	-0.3	59.8		7.92		TAS		6.3	0.93	m_e mb	4.6
MOX	47.23		P	11:33:35.651	-0.3	59.8		7.92		TAS		5.2	0.73	m_e mb	4.8
NRDL	47.14		P	11:33:35.146	0.6	59.8		7.92		TAS				m_e	
RJOB	48.05		P	11:33:41.460	1.1	59.8		7.92		TAS		11.7	0.88	m_e mb	5.0
ROTZ	47.34		P	11:33:36.824	0.4	59.8		7.92		TAS		3.6	0.73	m_e mb	4.6
TANN	46.88		P	11:33:33.261	0.1	59.8		7.92		TAS				m_e	
UBBA	48.03		P	11:33:41.703	-0.6	59.8		7.92		TAS				m_e	
WERD	46.95		P	11:33:33.447	-0.3	59.8		7.92		TAS		3.4	0.77	m_e mb	4.5
WERN	46.99		P	11:33:34.120	0.1	59.8		7.92		TAS		5.7	0.76	m_e mb	4.8
WET	47.28		P	11:33:36.174	-0.0	59.8		7.92		TAS		3.4	0.74	m_e mb	4.6

Event 50126006 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/26	19:12:14.26			-18.7010	-174.7360				78.5			20		144.62	150.83	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.37		PKPbc	19:31:44.674	0.1	7.5		2.67		TAS				m_e	

BFO	150.34	PKPbc	19:31:54.859		7.5	2.67	TAS	m_e
BFO	150.34	pPKPbc	19:32:28.408				T__	m_e
BRG	147.17	PKPbc	19:31:47.179	0.3	7.5	2.67	TAS	m_e
BRG	147.17	pPKPbc	19:32:20.518				T__	m_e
BSEG	144.62	PKPbc	19:31:39.164	-0.7	7.5	2.67	TAS	m_e
BUG	147.29	PKPbc	19:31:47.248		7.5	2.67	TAS	m_e
CLL	146.89	PKPbc	19:31:46.232	0.1	7.5	2.67	TAS	m_e
CLL	146.89	pPKPbc	19:32:19.523				T__	m_e
CLZ	146.69	PKPbc	19:31:45.676	0.3	7.5	2.67	TAS	m_e
FBE	147.22	PKPbc	19:31:47.457	0.2	7.5	2.67	TAS	m_e
FLT1	146.12	PKPbc	19:31:43.728	-0.2	7.5	2.67	TAS	m_e
FUR	150.21	PKPbc	19:31:54.803		7.5	2.67	TAS	m_e
GEC2	149.16	PKPbc	19:31:52.302		7.5	2.67	TAS	m_e
GEC2	149.16	pPKPbc	19:32:25.972				T__	m_e
GRA1	148.71	PKPbc	19:31:50.963		7.5	2.67	TAS	m_e
GTTG	147.02	PKPbc	19:31:46.271		7.5	2.67	TAS	m_e
GUNZ	147.91	PKPbc	19:31:49.238	-0.2	7.5	2.67	TAS	m_e
IBBN	146.41	PKPbc	19:31:44.897	0.3	7.5	2.67	TAS	m_e
KAST	147.47	PKPbc	19:31:47.743		7.5	2.67	TAS	m_e
MOX	147.73	PKPbc	19:31:48.236	0.3	7.5	2.67	TAS	m_e
NEUB	147.17	PKPbc	19:31:46.866		7.5	2.67	TAS	m_e
NRDL	146.06	PKPbc	19:31:43.561	-0.1	7.5	2.67	TAS	m_e
ROTZ	148.51	PKPbc	19:31:50.685		7.5	2.67	TAS	m_e
ROTZ	148.51	pPKPbc	19:32:24.213				T__	m_e
RUE	145.64	PKPbc	19:31:42.392	-0.5	7.5	2.67	TAS	m_e
TANN	147.84	PKPbc	19:31:48.904	-0.1	7.5	2.67	TAS	m_e
TNS	148.45	PKPbc	19:31:50.295		7.5	2.67	TAS	m_e
UBR	150.83	PKPbc	19:31:56.105		7.5	2.67	TAS	m_e
WERD	147.83	PKPbc	19:31:48.944		7.5	2.67	TAS	m_e
WERN	147.98	PKPbc	19:31:49.293	-0.5	7.5	2.67	TAS	m_e
WET	149.01	PKPbc	19:31:52.203		7.5	2.67	TAS	m_e
WLF	149.10	PKPbc	19:31:52.123		7.5	2.67	TAS	m_e

Event 50127001 Off west coast of northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/27	00:53:33.21			0.8200	95.6810				33.0					85.78	85.78	m i ke	BGR
50127007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	50127007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	85.78		P	01:06:10.410		107.3		4.34		TAS		29.5	1.05	m_e mb	5.3

Event 50127002 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/27	07:37:57.87			-22.1280	174.3360				33.0			16		147.15	151.56	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.50		PKPbc	07:57:38.380	-0.2	31.9		2.63		TAS					m_e
BFO	151.56		PKPbc	07:57:49.106		31.9		2.63		TAS					m_e
BRG	147.48		PKPbc	07:57:38.171	-0.3	31.9		2.63		TAS					m_e
CLL	147.45		PKPbc	07:57:37.795	-0.6	31.9		2.63		TAS					m_e
CLZ	147.84		PKPbc	07:57:39.406	0.3	31.9		2.63		TAS					m_e
FBE	147.65		PKPbc	07:57:38.822	-0.0	31.9		2.63		TAS					m_e
FLT1	147.15		PKPbc	07:57:37.238	0.0	31.9		2.63		TAS					m_e
GEC2	149.21		PKPbc	07:57:43.017		31.9		2.63		TAS					m_e
GTTG	148.22		PKPbc	07:57:40.507	0.3	31.9		2.63		TAS					m_e
GUNZ	148.47		PKPbc	07:57:41.388	0.2	31.9		2.63		TAS					m_e
MOX	148.48		PKPbc	07:57:41.086		31.9		2.63		TAS					m_e
NRDL	147.34		PKPbc	07:57:37.954	-0.1	31.9		2.63		TAS					m_e
ROTZ	149.02		PKPbc	07:57:42.683	-0.1	31.9		2.63		TAS					m_e
TANN	148.39		PKPbc	07:57:40.928	0.4	31.9		2.63		TAS					m_e
UBR	151.53		PKPbc	07:57:49.117		31.9		2.63		TAS					m_e
WERD	148.41		PKPbc	07:57:40.913		31.9		2.63		TAS					m_e
WERN	148.52		PKPbc	07:57:41.639	0.1	31.9		2.63		TAS					m_e
WET	149.28		PKPbc	07:57:43.320	0.0	31.9		2.63		TAS					m_e

Event 50127003 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/27	21:26:40.80			-19.9240	173.3440				53.7	2.1		14		144.78	149.18	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.13		PKPbc	21:46:14.175	1.4	32.0		2.91		TAS					m_e
BFO	149.18		PKPbc	21:46:25.654		32.0		2.91		TAS					m_e
BRG	145.09		PKPbc	21:46:13.397	-0.3	32.0		2.91		TAS					m_e
CLL	145.07		PKPbc	21:46:13.264	-0.8	32.0		2.91		TAS					m_e
CLZ	145.47		PKPbc	21:46:15.258	-0.3	32.0		2.91		TAS					m_e
FBE	145.27		PKPbc	21:46:14.261	-0.4	32.0		2.91		TAS					m_e
FBE	145.27		pPKPbc	21:46:30.659	0.6					T__					m_e

FLT1	144.78	PKPbc	21:46:13.050	-0.4	32.0	2.91	TAS	m_e
GEC2	146.83	PKPbc	21:46:18.961	0.0	32.0	2.91	TAS	m_e
GUNZ	146.09	PKPbc	21:46:17.208	0.4	32.0	2.91	TAS	m_e
GUNZ	146.09	pPKPbc	21:46:32.803	0.6			T__	m_e
IBBN	145.78	PKPbc	21:46:16.557	1.4	32.0	2.91	TAS	m_e
MOX	146.10	PKPbc	21:46:16.936	1.4	32.0	2.91	TAS	m_e
NRDL	144.97	PKPbc	21:46:13.905		32.0	2.91	TAS	m_e
ROTZ	146.64	PKPbc	21:46:18.961	-0.8	32.0	2.91	TAS	m_e
TANN	146.01	PKPbc	21:46:16.599	0.6	32.0	2.91	TAS	m_e
TANN	146.01	pPKPbc	21:46:32.549	0.6			T__	m_e
UBBA	146.48	PKPbc	21:46:18.152	1.4	32.0	2.91	TAS	m_e
UBR	149.15	PKPbc	21:46:25.654		32.0	2.91	TAS	m_e
WERD	146.03	PKPbc	21:46:16.885	0.4	32.0	2.91	TAS	m_e
WERD	146.03	pPKPbc	21:46:32.479	0.6			T__	m_e
WERN	146.14	PKPbc	21:46:17.137	1.4	32.0	2.91	TAS	m_e
WERN	146.14	pPKPbc	21:46:33.087	0.6			T__	m_e
WET	146.91	PKPbc	21:46:18.998	1.4	32.0	2.91	TAS	m_e
WLF	148.61	PKPbc	21:46:24.657	1.4	32.0	2.91	TAS	m_e

Event 50128003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/28	02:43:19.54			-20.6970	-177.3490				478.0			24		145.25	152.41	m i ke	BGR
	50128009																

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	150.01		PKPdf	03:02:09.360		16.3		2.46		TAS				m_e	
AHRW	150.01		PKPbc	03:02:15.209		16.3		2.46		TAS				m_e	
ASSE	148.01		PKPbc	03:02:09.828	0.1	16.3		2.46		TAS				m_e	
BFO	152.05		PKPdf	03:02:11.942		16.3		2.46		TAS				m_e	
BFO	152.05		PKPbc	03:02:19.601		16.3		2.46		TAS				m_e	
BFO	152.05		PKPab	03:02:31.427		16.3		2.46		TAS				m_e	
BRG	148.60		PKPdf	03:02:07.128		16.3		2.46		TAS				m_e	
BRG	148.60		PKPbc	03:02:11.589		16.3		2.46		TAS				m_e	
BSEG	146.30		PKPdf	03:02:03.598		16.3		2.46		TAS				m_e	
BSEG	146.30		PKPbc	03:02:05.533	-0.2	16.3		2.46		TAS				m_e	
BUG	149.10		PKPbc	03:02:13.136	0.2	16.3		2.46		TAS				m_e	
CLL	148.39		PKPdf	03:02:06.940		16.3		2.46		TAS				m_e	
CLL	148.39		PKPbc	03:02:10.808	0.2	16.3		2.46		TAS				m_e	
CLZ	148.34		PKPdf	03:02:06.684		16.3		2.46		TAS				m_e	
CLZ	148.34		PKPbc	03:02:10.682	0.4	16.3		2.46		TAS				m_e	
FBE	148.68		PKPbc	03:02:11.733		16.3		2.46		TAS				m_e	
FLT1	147.73		PKPdf	03:02:06.044		16.3		2.46		TAS				m_e	
FLT1	147.73		PKPbc	03:02:08.956	-0.1	16.3		2.46		TAS				m_e	

FUR	151.73	PKPbc	03:02:18.728		16.3	2.46	TAS	m_e
FUR	151.73	PKPab	03:02:30.259		16.3	2.46	TAS	m_e
GEC2	150.55	PKPdf	03:02:09.913		16.3	2.46	TAS	m_e
GEC2	150.55	PKPbc	03:02:16.279		16.3	2.46	TAS	m_e
GRA1	150.27	PKPdf	03:02:09.461		16.3	2.46	TAS	m_e
GRA1	150.27	PKPbc	03:02:15.579		16.3	2.46	TAS	m_e
GTTG	148.68	PKPdf	03:02:07.264		16.3	2.46	TAS	m_e
GTTG	148.68	PKPbc	03:02:11.650	0.1	16.3	2.46	TAS	m_e
GTTG	148.68	PKPab	03:02:17.574		16.3	2.46	TAS	m_e
GUNZ	149.42	PKPbc	03:02:13.165	0.0	16.3	2.46	TAS	m_e
GUNZ	149.42	PKPab	03:02:20.896		16.3	2.46	TAS	m_e
HLG	146.33	PKPbc	03:02:06.053	0.1	16.3	2.46	TAS	m_e
IBBN	148.20	PKPbc	03:02:10.809		16.3	2.46	TAS	m_e
IBBN	148.20	PKPab	03:02:16.112		16.3	2.46	TAS	m_e
KAST	149.22	PKPdf	03:02:08.160		16.3	2.46	TAS	m_e
KAST	149.22	PKPbc	03:02:13.000	0.2	16.3	2.46	TAS	m_e
MOX	149.29	PKPdf	03:02:08.176		16.3	2.46	TAS	m_e
MOX	149.29	PKPbc	03:02:13.081	0.0	16.3	2.46	TAS	m_e
NEUB	148.73	PKPdf	03:02:07.107		16.3	2.46	TAS	m_e
NEUB	148.73	PKPbc	03:02:11.694	-0.1	16.3	2.46	TAS	m_e
NRDL	147.74	PKPbc	03:02:09.289		16.3	2.46	TAS	m_e
PLN	149.34	PKPdf	03:02:08.183		16.3	2.46	TAS	m_e
PLN	149.34	PKPbc	03:02:13.275	0.2	16.3	2.46	TAS	m_e
PLN	149.34	PKPab	03:02:20.177		16.3	2.46	TAS	m_e
RGN	145.25	PKPbc	03:02:02.584	-0.8	16.3	2.46	TAS	m_e
ROTZ	150.01	PKPdf	03:02:09.140		16.3	2.46	TAS	m_e
ROTZ	150.01	PKPbc	03:02:14.947	-0.6	16.3	2.46	TAS	m_e
RUE	147.13	PKPdf	03:02:04.632		16.3	2.46	TAS	m_e
RUE	147.13	PKPbc	03:02:07.620	-0.2	16.3	2.46	TAS	m_e
SKMB	145.65	PKPdf	03:02:02.472		16.3	2.46	TAS	m_e
SKMB	145.65	PKPbc	03:02:04.071	0.2	16.3	2.46	TAS	m_e
STU	151.50	PKPdf	03:02:11.297		16.3	2.46	TAS	m_e
STU	151.50	PKPbc	03:02:18.394		16.3	2.46	TAS	m_e
TANN	149.35	PKPdf	03:02:08.177		16.3	2.46	TAS	m_e
TANN	149.35	PKPbc	03:02:13.249	-0.2	16.3	2.46	TAS	m_e
TANN	149.35	PKPab	03:02:20.213		16.3	2.46	TAS	m_e
TNS	150.18	PKPbc	03:02:15.536		16.3	2.46	TAS	m_e
TNS	150.18	PKPab	03:02:24.037		16.3	2.46	TAS	m_e
UBBA	149.39	PKPdf	03:02:08.175		16.3	2.46	TAS	m_e
UBBA	149.39	PKPbc	03:02:13.351	-0.6	16.3	2.46	TAS	m_e
UBR	152.41	PKPdf	03:02:12.205		16.3	2.46	TAS	m_e
UBR	152.41	PKPbc	03:02:20.243		16.3	2.46	TAS	m_e
WERD	149.34	PKPbc	03:02:13.123	0.1	16.3	2.46	TAS	m_e
WERD	149.34	PKPab	03:02:20.625		16.3	2.46	TAS	m_e
WERN	149.48	PKPdf	03:02:08.093		16.3	2.46	TAS	m_e
WERN	149.48	PKPbc	03:02:13.648	-0.6	16.3	2.46	TAS	m_e
WET	150.46	PKPdf	03:02:09.670		16.3	2.46	TAS	m_e
WET	150.46	PKPbc	03:02:15.983		16.3	2.46	TAS	m_e
WET	150.46	PKPab	03:02:25.283		16.3	2.46	TAS	m_e

WLF 150.96 PKPbc 03:02:17.515 16.3 2.46 TAS m_e

Event 50128004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/28	08:36:53.05			-21.9240	-178.3560				590.7	1.8		19		147.37	153.41	m i ke	BGR
OrigID 50128010																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	151.12		PKPbc	08:56:47.645	-0.0	18.7		2.45		TAS					m_e
BFO	153.11		PKPbc	08:56:52.154	-0.0	18.7		2.45		TAS					m_e
BRG	149.54		PKPbc	08:56:43.732	-0.1	18.7		2.45		TAS					m_e
BSEG	147.37		PKPbc	08:56:38.481		18.7		2.45		TAS					m_e
BUG	150.21		PKPbc	08:56:45.298	-0.0	18.7		2.45		TAS					m_e
CLL	149.36		PKPbc	08:56:43.295	-0.1	18.7		2.45		TAS					m_e
CLZ	149.38		PKPbc	08:56:43.482	-0.1	18.7		2.45		TAS					m_e
FBE	149.64		PKPbc	08:56:44.200	0.4	18.7		2.45		TAS					m_e
FLT1	148.75		PKPbc	08:56:41.607	-0.1	18.7		2.45		TAS					m_e
FUR	152.70		PKPbc	08:56:51.010	-0.4	18.7		2.45		TAS					m_e
GEC2	151.47		PKPbc	08:56:48.234	0.3	18.7		2.45		TAS					m_e
GRA1	151.27		PKPbc	08:56:47.921	0.4	18.7		2.45		TAS					m_e
GTTG	149.73		PKPbc	08:56:44.295	0.1	18.7		2.45		TAS					m_e
GTTG	149.73		pPKPbc	08:58:59.408	-0.4					T__					m_e
GUNZ	150.40		PKPbc	08:56:45.869	0.5	18.7		2.45		TAS					m_e
IBBN	149.31		PKPbc	08:56:43.266	-0.0	18.7		2.45		TAS					m_e
KAST	150.30		PKPbc	08:56:45.733		18.7		2.45		TAS					m_e
MOX	150.29		PKPbc	08:56:45.451	-0.4	18.7		2.45		TAS					m_e
NEUB	149.73		PKPbc	08:56:44.101	-0.0	18.7		2.45		TAS					m_e
NRDL	148.79		PKPbc	08:56:42.075	-0.0	18.7		2.45		TAS					m_e
ROTZ	150.99		PKPbc	08:56:47.046	-0.3	18.7		2.45		TAS					m_e
RUE	148.10		PKPbc	08:56:40.232	-0.3	18.7		2.45		TAS					m_e
TANN	150.32		PKPbc	08:56:45.608	-0.1	18.7		2.45		TAS					m_e
TNS	151.25		PKPbc	08:56:48.021	-0.0	18.7		2.45		TAS					m_e
UBBA	150.43		PKPbc	08:56:45.608	0.1	18.7		2.45		TAS					m_e
UBBA	150.43		pPKPbc	08:59:01.408	-0.4					T__					m_e
UBR	153.41		PKPbc	08:56:52.742	-0.0	18.7		2.45		TAS					m_e
WERD	150.32		PKPbc	08:56:45.795	0.1	18.7		2.45		TAS					m_e
WERN	150.46		PKPbc	08:56:46.296	0.3	18.7		2.45		TAS					m_e
WET	151.41		PKPbc	08:56:48.216		18.7		2.45		TAS					m_e
WLF	152.09		PKPbc	08:56:50.547		18.7		2.45		TAS					m_e

Event 50128006 Antarctica

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/28	15:47:01.14			-72.7180	155.4840				33.0					152.03	152.03	m i ke	BGR
OrigID 50128012																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	152.03		PKPbc	16:06:53.418		153.2		2.76		TAS				m_e	

Event 50128005 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/28	15:54:39.22			34.4030	25.2720				33.0				30	16.79	22.19	m i ke	BGR
OrigID 50128011																	

Magnitude Err Nsta Author OrigID

mb	5.0		BGR	50128011
Ms	4.3		BGR	50128011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	20.89		P	15:59:17.692	0.1	139.6		11.11		TAS				m_e	
ASSE	20.59		P	15:59:13.784	-0.1	139.6		11.11		TAS		39.8	0.98	m_e mb	4.7
BFO	18.79		P	15:58:54.337	0.9	139.6		11.11		TAS				m_e	
BRG	18.41		P	15:58:48.606	0.8	139.6		11.11		TAS				m_e	
BSEG	22.19		P	15:59:29.415	-1.2	139.6		11.11		TAS		161.2	0.93	m_e mb	5.4
BUG	21.44		P	15:59:22.963	-1.0	139.6		11.11		TAS				m_e	
CLL	19.09		P	15:58:57.720	1.5	139.6		11.11		TAS		28.5	0.84	m_e mb	4.5
CLZ	20.47		P	15:59:12.603	-0.2	139.6		11.11		TAS				m_e	
FLT1	20.55		P	15:59:13.148	0.1	139.6		11.11		TAS				m_e	
FUR	17.27		P	15:58:35.889	-1.7	139.6		11.11		TAS		269.6	1.04	m_e mb	5.3
GEC2	16.79		P	15:58:29.800	-2.2	139.6		11.11		TAS		76.9	0.68	m_e mb	5.0
GRA1	18.45		P	15:58:50.157	-0.6	139.6		11.11		TAS				m_e	
GRA1	18.45		L	16:07:50.779						T__		1623.4	19.92	a_e Ms	4.3
GTTG	20.40		P	15:59:12.876	0.7	139.6		11.11		TAS		827.6	1.23	m_e mb	5.8
GUNZ	18.55		P	15:58:52.065	0.7	139.6		11.11		TAS				m_e	
IBBN	21.86		P	15:59:27.416	-1.2	139.6		11.11		TAS		114.3	0.88	m_e mb	5.3
KAST	20.77		P	15:59:16.056	-0.5	139.6		11.11		TAS		121.2	1.04	m_e mb	5.2
MANZ	18.33		P	15:58:48.703	-0.5	139.6		11.11		TAS		56.9	0.89	m_e mb	4.7
MOX	19.05		P	15:58:57.608	0.6	139.6		11.11		TAS		39.8	0.78	m_e mb	4.7
MOX	19.05		L	16:08:19.399						T__		1366.9	19.82	a_e Ms	4.3
NEUB	19.43		P	15:59:02.112	1.4	139.6		11.11		TAS				m_e	
NRDL	21.09		P	15:59:19.055	-0.4	139.6		11.11		TAS				m_e	
ROTZ	18.12		P	15:58:45.795	-1.0	139.6		11.11		TAS				m_e	
STU	18.67		P	15:58:54.337	1.6	139.6		11.11		TAS				m_e	

TANN	18.54	P	15:58:52.247	1.0	139.6	11.11	TAS											m_e
TNS	20.04	P	15:59:08.423	0.1	139.6	11.11	TAS											m_e
UBBA	19.82	P	15:59:06.245	-0.4	139.6	11.11	TAS											m_e
UBR	17.47	P	15:58:38.447	-0.4	139.6	11.11	TAS				64.1	0.80	m_e	mb				4.8
WERD	18.63	P	15:58:53.065	0.8	139.6	11.11	TAS											m_e
WERN	18.47	P	15:58:51.247	0.7	139.6	11.11	TAS				40.1	0.91	m_e	mb				4.5
WET	17.35	P	15:58:37.707	-0.7	139.6	11.11	TAS											m_e
WLF	20.75	P	15:59:15.461	1.1	139.6	11.11	TAS											m_e

Event 50129002 Samoa Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/29	03:49:47.87			-14.1760	-172.7410				33.0					144.44	144.44	m i ke	BGR
50129008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	144.44		PKPdf	04:09:21.287		6.6		1.77		TAS					m_e

Event 50129001 North Pacific Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/29	03:50:34.27			11.7280	-178.4170				33.0					118.26	118.26	m i ke	BGR
50129007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	118.26		PKPdf	04:09:21.312		8.5		1.69		TAS					m_e

Event 50130001 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2015/01/30	00:45:52.52	0.29	1.08	46.4660	13.1520	4.4	2.2	176	10.0					31	197	0.63	4.90 m i ke	BGR
50130007																		

Magnitude Err Nsta Author OrigID

ML	4.2		BGR	50130007
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	1.81		Sg	00:46:50.428	0.5					T__				m_e	
ARSA	1.81		Pn	00:46:22.430	-0.3					T__				m_e ML	3.2
BALST	3.84		Pn	00:46:50.667	0.5					T__				m_e	
BE1	1.96		Sg	00:46:55.007	0.4					T__				m_e	
BE1	1.96		Pn	00:46:26.033	1.3					T__				m_e ML	4.4
BE1	1.96		Pg	00:46:29.327	-0.0					T__				m_e	
BFO	3.77		Sg	00:47:52.138	0.1					T__				m_e	
BFO	3.77		Pn	00:46:49.727	0.5					T__				m_e	
DAVA	2.39		Sg	00:47:06.746	-1.6					T__				m_e ML	4.6
DPC	4.46		Sg	00:48:11.759	-2.2					T__				m_e	
FUR	2.12		Sg	00:46:59.737	-0.2					T__				m_e	
FUR	2.12		Pn	00:46:28.081	1.0					T__				m_e ML	4.8
FUR	2.12		Pg	00:46:32.202	-0.3					T__				m_e	
GEC2	2.41		Sg	00:47:09.282	0.3					T__				m_e	
GEC2	2.41		Pn	00:46:31.422	0.5					T__				m_e ML	4.1
GEC2	2.41		Pg	00:46:36.502	-1.4					T__				m_e	
GRA1	3.48		Sg	00:47:44.302	1.4					T__				m_e	
GRA1	3.48		Pn	00:46:45.555	-2.4					T__				m_e ML	5.0
KBA	0.63		Sg	00:46:13.121	0.5					T__				m_e	
KBA	0.63		Pg	00:46:03.713	-0.7					T__				m_e ML	3.7
KHC	2.68		Sg	00:47:18.339	0.7					T__				m_e ML	3.5
KHC	2.68		Pn	00:46:35.150	0.6					T__				m_e	
KRUC	3.40		Pn	00:46:44.570	-2.4					T__				m_e	
KW1	1.70		Sg	00:46:48.931	2.4					T__				m_e	
KW1	1.70		Pn	00:46:22.755	1.4					T__				m_e ML	4.3
MANZ	3.59		Sg	00:47:47.333	0.9					T__				m_e	
MANZ	3.59		Pn	00:46:46.922	0.1					T__				m_e ML	4.4
MOA	1.58		Sg	00:46:42.586	-0.1					T__				m_e	
MOA	1.58		Pg	00:46:20.688	-1.6					T__				m_e ML	3.7
MOX	4.30		Pn	00:46:56.487	0.0					T__				m_e	
NKC	3.80		Sg	00:47:51.461	-1.6					T__				m_e	
NKC	3.80		Pn	00:46:50.314	0.7					T__				m_e	
NORI	2.83		Sg	00:47:20.561	-1.8					T__				m_e ML	4.7
OBER	2.17		Sg	00:47:00.918	-0.6					T__				m_e ML	4.2
OBKA	0.97		Sg	00:46:24.060	0.8					T__				m_e	
OBKA	0.97		Pg	00:46:07.893	-2.9					T__				m_e ML	3.7
PART	1.74		Sg	00:46:48.343	0.7					T__				m_e	
PART	1.74		Pg	00:46:23.327	-1.9					T__				m_e ML	4.0
PLONS	2.66		Pn	00:46:35.557	1.3					T__				m_e	
PRU	3.65		Sg	00:47:48.203	0.0					T__				m_e ML	4.2
PVCC	4.17		Sg	00:48:05.638	-2.4					T__				m_e	
RJOB	1.29		Sg	00:46:34.846	1.2					T__				m_e	
RJOB	1.29		Pn	00:46:15.504	-0.4					T__				m_e ML	4.0
ROTZ	3.36		Sg	00:47:37.803	-1.4					T__				m_e	
ROTZ	3.36		Pn	00:46:43.788	0.0					T__				m_e ML	4.3
SLE	3.44		Sg	00:47:41.148	-0.4					T__				m_e	
SLE	3.44		Pn	00:46:45.173	0.4					T__				m_e ML	4.6
STU	3.53		Pn	00:46:46.979	0.9					T__				m_e	

SULZ	3.61	Sg	00:47:45.798	-2.4	T__	m_e		
SULZ	3.61	Pn	00:46:47.441	0.4	T__	m_e ML	4.8	
TNS	4.90	Sg	00:48:27.959	0.2	T__	m_e		
UBR	2.41	Sg	00:47:08.182	-0.8	T__	m_e		
UBR	2.41	Pn	00:46:32.162	1.3	T__	m_e ML	4.5	
WET	2.69	Sg	00:47:17.863	0.1	T__	m_e ML	4.1	
WET	2.69	Pn	00:46:35.006	0.4	T__	m_e		
WILA	3.06	Sg	00:47:27.664	-1.9	T__	m_e		
WILA	3.06	Pn	00:46:40.433	0.8	T__	m_e ML	4.7	
ZUGS	1.77	Sg	00:46:50.122	-2.4	T__	m_e ML	4.0	

Event 50130002 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/30	04:30:48.53			50.6720	154.0260				33.0			20		72.66	77.22	m i ke	BGR
50130008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	50130008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.31		P	04:42:26.896		23.4		5.79		TAS		37.6	1.10	m_e mb	5.3
BFO	77.07		P	04:42:36.761		23.4		5.79		TAS		13.5	0.88	m_e mb	5.1
BRG	73.29		P	04:42:14.361	0.0	23.4		5.79		TAS		8.7	1.07	m_e mb	4.8
BUG	74.42		P	04:42:21.629		23.4		5.79		TAS		17.6	1.03	m_e mb	5.0
CLL	73.14		P	04:42:13.524	0.2	23.4		5.79		TAS		14.8	0.98	m_e mb	5.1
CLZ	73.32		P	04:42:15.458	-0.9	23.4		5.79		TAS		48.2	1.28	m_e mb	5.5
FLT1	72.66		P	04:42:11.549	0.2	23.4		5.79		TAS		13.7	1.01	m_e mb	5.0
GRA1	75.08		P	04:42:25.537		23.4		5.79		TAS		45.6	1.13	m_e mb	5.4
KAST	74.38		P	04:42:20.543		23.4		5.79		TAS		14.3	0.94	m_e mb	5.0
MANZ	74.58		P	04:42:22.834		23.4		5.79		TAS		9.1	0.98	m_e mb	4.8
MOX	74.11		P	04:42:19.842	0.1	23.4		5.79		TAS		28.4	1.23	m_e mb	5.2
NEUB	73.56		P	04:42:17.759	0.4	23.4		5.79		TAS		17.5	0.97	m_e mb	5.1
RJOB	76.45		P	04:42:33.348		23.4		5.79		TAS		28.9	0.87	m_e mb	5.4
TANN	74.10		P	04:42:20.069	-0.1	23.4		5.79		TAS		35.9	1.53	m_e mb	5.2
TNS	75.28		P	04:42:27.059		23.4		5.79		TAS		11.9	0.77	m_e mb	5.0
UBBA	74.35		P	04:42:21.499		23.4		5.79		TAS		7.3	0.94	m_e mb	4.7
UBR	77.22		P	04:42:37.788		23.4		5.79		TAS		33.2	1.31	m_e mb	5.3
WERD	74.11		P	04:42:20.230	-0.3	23.4		5.79		TAS		26.7	1.31	m_e mb	5.1
WERN	74.24		P	04:42:21.002		23.4		5.79		TAS		7.8	0.87	m_e mb	4.8
WET	75.14		P	04:42:26.365		23.4		5.79		TAS		15.5	1.03	m_e mb	5.0

Event 50130006 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/30	17:58:03.53			-21.4400	169.8700				10.0			28		145.02	149.36	m i ke	BGR
OrigID 50130012																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.39		PKPbc	18:17:40.832	-0.2	37.0		2.93		TAS					m_e
BFO	149.36		PKPbc	18:17:52.511		37.0		2.93		TAS					m_e
BRG	145.09		PKPbc	18:17:39.983	0.1	37.0		2.93		TAS					m_e
BUG	147.12		PKPbc	18:17:45.780	-0.1	37.0		2.93		TAS					m_e
CLL	145.15		PKPbc	18:17:39.729	-0.1	37.0		2.93		TAS					m_e
CLZ	145.73		PKPbc	18:17:42.251	0.0	37.0		2.93		TAS					m_e
FLT1	145.02		PKPbc	18:17:39.215	0.0	37.0		2.93		TAS					m_e
FUR	148.28		PKPbc	18:17:49.581		37.0		2.93		TAS					m_e
GEC2	146.70		PKPbc	18:17:45.185	0.1	37.0		2.93		TAS					m_e
GRA1	147.12		PKPbc	18:17:46.730		37.0		2.93		TAS					m_e
GTTG	146.12		PKPbc	18:17:43.132	-0.2	37.0		2.93		TAS					m_e
IBBN	146.22		PKPbc	18:17:43.465	0.3	37.0		2.93		TAS					m_e
KAST	146.94		PKPbc	18:17:45.646	-0.6	37.0		2.93		TAS					m_e
MANZ	146.53		PKPbc	18:17:44.734	0.6	37.0		2.93		TAS					m_e
MOX	146.22		PKPbc	18:17:43.261	-0.5	37.0		2.93		TAS					m_e
NEUB	145.73		PKPbc	18:17:42.016	-0.2	37.0		2.93		TAS					m_e
NRDL	145.29		PKPbc	18:17:40.143	-0.0	37.0		2.93		TAS					m_e
PLN	146.12		PKPbc	18:17:43.134	0.0	37.0		2.93		TAS					m_e
ROTZ	146.66		PKPbc	18:17:45.190	0.2	37.0		2.93		TAS					m_e
STU	148.66		PKPbc	18:17:50.703		37.0		2.93		TAS					m_e
TANN	146.06		PKPbc	18:17:43.124	0.3	37.0		2.93		TAS					m_e
TNS	147.75		PKPbc	18:17:48.113		37.0		2.93		TAS					m_e
UBBA	146.70		PKPbc	18:17:44.676	-0.1	37.0		2.93		TAS					m_e
UBR	149.16		PKPbc	18:17:51.582		37.0		2.93		TAS					m_e
WERD	146.09		PKPbc	18:17:43.037	0.4	37.0		2.93		TAS					m_e
WERN	146.19		PKPbc	18:17:43.433	0.0	37.0		2.93		TAS					m_e
WET	146.84		PKPbc	18:17:45.792	0.2	37.0		2.93		TAS					m_e
WLF	149.02		PKPbc	18:17:51.938		37.0		2.93		TAS					m_e

Event 50131001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/31	05:05:43.83			-20.1790	-177.0210				33.0			22		145.84	151.59	m i ke	BGR
OrigID 50131007																	

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
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ASSE	147.55	PKPbc	05:25:24.138	0.0	15.5	2.59	TAS	m_e
BFO	151.59	PKPbc	05:25:33.611		15.5	2.59	TAS	m_e
BRG	148.17	PKPbc	05:25:25.661	-0.4	15.5	2.59	TAS	m_e
BSEG	145.84	PKPbc	05:25:19.297	0.1	15.5	2.59	TAS	m_e
BUG	148.62	PKPbc	05:25:26.939	0.3	15.5	2.59	TAS	m_e
CLL	147.95	PKPbc	05:25:25.048	0.2	15.5	2.59	TAS	m_e
CLZ	147.88	PKPbc	05:25:25.284	0.1	15.5	2.59	TAS	m_e
FLT1	147.27	PKPbc	05:25:23.038	0.1	15.5	2.59	TAS	m_e
GEC2	150.13	PKPbc	05:25:30.469		15.5	2.59	TAS	m_e
GRA1	149.83	PKPbc	05:25:30.227		15.5	2.59	TAS	m_e
GTTG	148.22	PKPbc	05:25:25.913	0.4	15.5	2.59	TAS	m_e
KAST	148.75	PKPbc	05:25:27.328	0.3	15.5	2.59	TAS	m_e
MANZ	149.38	PKPbc	05:25:29.053		15.5	2.59	TAS	m_e
MOX	148.84	PKPbc	05:25:27.477	-0.4	15.5	2.59	TAS	m_e
ROTZ	149.57	PKPbc	05:25:29.303		15.5	2.59	TAS	m_e
STU	151.04	PKPbc	05:25:33.116		15.5	2.59	TAS	m_e
TANN	148.91	PKPbc	05:25:27.772	-1.0	15.5	2.59	TAS	m_e
TNS	149.71	PKPbc	05:25:30.092		15.5	2.59	TAS	m_e
UBBA	148.93	PKPbc	05:25:27.268		15.5	2.59	TAS	m_e
WERD	148.90	PKPbc	05:25:27.716	-0.0	15.5	2.59	TAS	m_e
WERN	149.04	PKPbc	05:25:28.365		15.5	2.59	TAS	m_e
WLF	150.47	PKPbc	05:25:32.596		15.5	2.59	TAS	m_e

Event 50131002 Pribilof Islands, Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2015/01/31	17:39:14.71			56.5440	-169.1260				10.0			29		69.88	76.14	m i k e	BGR
50131008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	50131008
Ms	4.4		BGR	50131008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	73.24		P	17:50:43.317	-0.1	0.2		5.87		TAS		29.4	0.95	m_e	mb 5.4
ASSE	71.69		P	17:50:34.038	-0.2	0.2		5.87		TAS		46.0	1.29	m_e	mb 5.5
BFO	75.47		P	17:50:56.282		0.2		5.87		TAS		28.3	1.14	m_e	mb 5.2
BRG	72.92		P	17:50:41.030	0.1	0.2		5.87		TAS		31.2	1.11	m_e	mb 5.3
BSEG	69.88		P	17:50:23.269	0.1	0.2		5.87		TAS		70.0	1.15	m_e	mb 5.7
BUG	72.34		P	17:50:37.636	-0.5	0.2		5.87		TAS		41.4	1.08	m_e	mb 5.5
CLL	72.50		P	17:50:38.850	-0.1	0.2		5.87		TAS		32.9	1.05	m_e	mb 5.4
CLZ	71.98		P	17:50:36.154	-0.2	0.2		5.87		TAS		65.8	1.11	m_e	mb 5.7
FLT1	71.49		P	17:50:32.476	-0.4	0.2		5.87		TAS		35.8	1.10	m_e	mb 5.4
FUR	75.66		P	17:50:57.662		0.2		5.87		TAS		49.5	1.19	m_e	mb 5.5
GEC2	74.95		P	17:50:53.628		0.2		5.87		TAS		28.4	1.19	m_e	mb 5.2
GRA1	74.13		P	17:50:49.339		0.2		5.87		TAS		57.9	1.11	m_e	mb 5.5

GRA1	74.13	L	18:18:05.210				T__	208.2	21.90	a_e	Ms	4.4
GTTG	72.27	P	17:50:37.835	-0.0	0.2	5.87	TAS	67.1	1.09	m_e	mb	5.7
IBBN	71.48	P	17:50:33.124	0.1	0.2	5.87	TAS	67.3	1.05	m_e	mb	5.7
KAST	72.60	P	17:50:39.476	0.0	0.2	5.87	TAS	26.1	1.07	m_e	mb	5.3
MANZ	73.83	P	17:50:46.780	-0.2	0.2	5.87	TAS	55.1	1.96	m_e	mb	5.2
MOX	73.18	P	17:50:42.930	-0.1	0.2	5.87	TAS	38.7	1.03	m_e	mb	5.5
MOX	73.18	L	18:17:40.871				T__	198.2	20.10	a_e	Ms	4.4
NEUB	72.63	P	17:50:39.827	0.1	0.2	5.87	TAS	57.1	1.03	m_e	mb	5.6
NRDL	71.32	P	17:50:34.415	0.1	0.2	5.87	TAS	45.0	1.16	m_e	mb	5.5
PLN	73.33	P	17:50:44.100	0.2	0.2	5.87	TAS	19.3	1.01	m_e	mb	5.2
ROTZ	74.05	P	17:50:48.443	0.0	0.2	5.87	TAS	31.6	1.31	m_e	mb	5.2
RUE	71.32	P	17:50:31.822	-0.3	0.2	5.87	TAS	85.2	1.23	m_e	mb	5.7
STU	75.05	P	17:50:54.101		0.2	5.87	TAS	38.6	1.12	m_e	mb	5.3
TANN	73.40	P	17:50:44.502	0.2	0.2	5.87	TAS	32.8	1.29	m_e	mb	5.3
TNS	73.58	P	17:50:45.260	0.1	0.2	5.87	TAS	34.3	0.99	m_e	mb	5.3
UBR	76.14	P	17:51:00.108		0.2	5.87	TAS	48.8	1.14	m_e	mb	5.5
WERD	73.37	P	17:50:44.022	0.7	0.2	5.87	TAS	27.7	1.31	m_e	mb	5.2
WERN	73.53	P	17:50:45.346	0.2	0.2	5.87	TAS	34.2	1.10	m_e	mb	5.3
WET	74.67	P	17:50:52.008		0.2	5.87	TAS	30.8	1.18	m_e	mb	5.2