

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 51101004 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/01	07:52:41.90	0.35	0.21	46.2670	15.2130				10.0f			9	352	6.27	7.44	m i ke	BNS	51101024
2015/11/01	07:52:31.10	0.11	1.40	45.8609	15.5426	3.9	2.1	000	6.0f	116	42	045				m i ke	LDG	51101014
2015/11/01	07:52:32.68	0.50	0.90	45.7930	15.6060	8.9	6.7	052	5.0f	33	26	290	1.02	7.44	m i ke	BGR	51101004	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.4		BNS	51101024
MD	4.3	0.2	4 LDG	51101014
ML	4.4	0.3	45 LDG	51101014
ML	4.8	0.4	13 BGR	51101004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	1.02	314.7	Pn	07:52:51.200	-1.8					T__				m_e	ML 4.8
OBKA	1.02	314.7	Sg	07:53:04.300	-0.9					T__				m_e	
ARSA	1.46	357.8	Pn	07:52:58.400	-0.5					T__				m_e	ML 4.1
KBA	2.02	310.3	Pn	07:53:07.000	0.5					T__				m_e	ML 4.5
MOA	2.25	336.5	Pn	07:53:10.200	0.5					T__				m_e	ML 4.4
RJOB	2.74	316.3	Pn	07:53:17.800	1.6					T__				m_e	
WTTA	3.10	299.7	Pn	07:53:23.000	1.8					T__				m_e	ML 4.8
KW1	3.10	319.7	Pn	07:53:22.200	1.0					T__				m_e	
KW1	3.10	319.7	Pg	07:53:31.573	0.4					T__				m_e	
GEC2	3.31	337.8	Pn	07:53:24.800	0.7					T__				m_e	
BE1	3.67	306.8	Pn	07:53:30.400	1.5					T__				m_e	
FUR	3.79	310.3	Pn	07:53:31.700	1.2					T__				m_e	ML 5.3
FUR	3.79	310.3	Pg	07:53:42.764	-1.3					T__				m_e	
FUR	3.79	310.3	Sg	07:54:31.317	-1.7					T__				m_e	
WET	3.82	332.2	Pn	07:53:31.500	0.5					T__				m_e	ML 4.8
WET	3.82	332.2	Pg	07:53:44.790	0.0					T__				m_e	
DAVA	4.21	292.8	Pn	07:53:38.400	2.1					T__				m_e	ML 5.0
UBR	4.21	298.6	Pn	07:53:37.700	1.4					T__				m_e	ML 5.1
PLONS	4.47	288.6	Pn	07:53:42.300	2.5					T__				m_e	
ROTZ	4.58	331.4	Pn	07:53:41.400	0.1					T__				m_e	ML 4.5
MANZ	4.80	332.1	Pn	07:53:44.500	0.2					T__				m_e	ML 4.3
WILA	4.88	291.8	Pn	07:53:47.000	1.7					T__				m_e	
GRA1	4.89	324.5	Pn	07:53:45.700	0.3					T__				m_e	
SLE	5.25	294.6	Pn	07:53:51.300	0.9					T__				m_e	
STU	5.27	306.7	Pn	07:53:52.200	1.6					T__				m_e	ML 5.6
STU	5.27	306.7	Sg	07:55:20.697	0.6					T__				m_e	
SULZ	5.43	291.4	Pn	07:53:53.900	1.2					T__				m_e	
MOX	5.53	332.7	Pn	07:53:54.400	0.3					T__				m_e	ML 4.9
MOX	5.53	332.7	Sg	07:55:31.305	2.9					T__				m_e	
BFO	5.57	299.7	Pn	07:53:55.100	0.5					T__				m_e	
BALST	5.65	288.7	Pn	07:53:57.200	1.4					T__				m_e	
TNS	6.52	315.4	Pn	07:54:09.400	1.9					T__				m_e	
NAST	6.79	313.2	Pn	07:54:13.600	2.3					___				m_e	
KOE	7.00	314.3	Pn	07:54:16.600	2.5					___				m_e	
KOE	7.00	314.3	Sn	07:55:28.300	0.5					___				m_e	
BGG	7.07	311.6	Pn	07:54:17.700	2.7					___				m_e	
WLF	7.44	304.8	Pn	07:54:22.800	2.8					T__				m_e	
HILG	7.47	310.3	Pn	07:54:23.000	2.6					___				m_e	

142.3 0.39

HOBG	7.55	316.4	Pn	07:54:24.100	2.6	---	m_e
STB	7.55	312.6	Pn	07:54:24.000	2.4	---	m_e
KLL	7.86	311.5	Pn	07:54:27.800	2.1	---	m_e
DREG	7.91	311.4	Pn	07:54:28.800	2.4	---	m_e
LAUG	7.97	317.3	Pn	07:54:29.300	2.0	---	m_e

Event 51101005 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/01	08:08:02.90	0.14	1.24	45.9449	15.5162	5.3	3.0	007	10.0f		63	15	039			m i ke	LDG	51101015
2015/11/01	08:08:03.81	3.13	0.92	45.9170	15.6980	61.2	13.3	136	5.0f		18	18	292	0.99	6.48	m i ke	BGR	51101005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.2	13 LDG	51101015
ML	3.0	0.3	5 BGR	51101005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	0.99	307.1	Pn	08:08:20.785	-2.9					T__				m_e ML	3.2
ARSA	1.34	354.9	Pn	08:08:27.911	-0.5					T__				m_e ML	2.7
KBA	1.99	306.5	Pn	08:08:36.846	-0.5					T__				m_e ML	2.9
MOA	2.17	333.7	Pn	08:08:39.858	0.2					T__				m_e	
RJOB	2.69	313.6	Pn	08:08:47.310	0.5					T__				m_e	
WTTA	3.10	297.2	Pn	08:08:52.988	0.7					T__				m_e	
GEC2	3.22	335.9	Pn	08:08:54.328	0.3					T__				m_e	
WET	3.75	330.5	Pn	08:09:01.055	-0.0					T__				m_e	
UBR	4.21	296.8	Pn	08:09:07.723	0.3					T__				m_e ML	3.6
DAVA	4.22	291.0	Pn	08:09:08.619	1.1					T__				m_e	
ROTZ	4.51	330.0	Pn	08:09:10.806	-0.6					T__				m_e ML	2.8
MANZ	4.73	330.7	Pn	08:09:14.029	-0.3					T__				m_e	
WILA	4.89	290.3	Pn	08:09:16.618	-0.0					T__				m_e	
SLE	5.26	293.2	Pn	08:09:20.766	-0.9					T__				m_e	
MOX	5.45	331.6	Pn	08:09:24.088	-0.1					T__				m_e	
BFO	5.56	298.4	Pn	08:09:24.779	-0.9					T__				m_e	
BALST	5.67	287.4	Pn	08:09:26.992	-0.2					T__				m_e	
TNS	6.48	314.3	Pn	08:09:39.140	1.0					T__				m_e	

Event 51101007 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/01	20:20:42.30	0.16	0.80	45.8893	10.7159	3.3	2.5	088	9.0f		88	32	068			m i ke	LDG	51101017
2015/11/01	20:20:47.15	0.47	1.02	46.0530	10.7690	8.9	4.4	013	5.0f		24	19	223	1.35	3.65	m i ke	BGR	51101007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	30 LDG	51101017
ML	2.9	0.4	12 BGR	51101007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	1.35	25.9	Pn	20:21:10.164	-1.8					T__				m_e ML	2.7
WTTA	1.35	25.9	Sg	20:21:29.550	-0.5					T__				m_e	

ZUGS	1.37	6.0	Pn	20:21:13.368	1.2	T__	m_e	
DAVA	1.38	334.0	Pn	20:21:10.961	-1.3	T__	m_e ML	2.8
PLONS	1.38	316.7	Pn	20:21:10.570	-1.8	T__	m_e ML	2.4
PLONS	1.38	316.7	Sg	20:21:30.481	-0.5	T__	m_e	
OBEB	1.39	346.6	Pn	20:21:13.997	1.5	T__	m_e ML	2.3
PART	1.46	9.2	Pn	20:21:15.226	1.8	T__	m_e ML	2.2
UBR	1.69	344.7	Pn	20:21:18.325	1.8	T__	m_e ML	3.2
WILA	1.87	317.5	Pn	20:21:19.867	0.9	T__	m_e ML	3.3
KBA	2.05	59.0	Pn	20:21:22.103	0.7	T__	m_e	
SLE	2.31	318.6	Pn	20:21:24.566	-0.4	T__	m_e ML	3.3
SLE	2.31	318.6	Sg	20:22:00.724	0.1	T__	m_e	
SULZ	2.34	310.0	Pn	20:21:25.897	0.5	T__	m_e ML	3.6
SULZ	2.34	310.0	Sg	20:22:01.189	-0.4	T__	m_e	
BALST	2.47	302.4	Pn	20:21:26.717	-0.4	T__	m_e ML	3.1
BALST	2.47	302.4	Sg	20:22:05.610	0.0	T__	m_e	
OBKA	2.65	78.7	Pn	20:21:28.756	-0.8	T__	m_e	
NORI	2.67	358.0	Sg	20:22:12.356	0.4	T__	m_e ML	3.1
BFO	2.82	324.8	Pn	20:21:32.175	0.4	T__	m_e	
MOA	2.99	51.8	Pn	20:21:34.318	0.2	T__	m_e	
WET	3.40	23.9	Pn	20:21:38.776	-1.0	T__	m_e ML	3.0
GEC2	3.42	34.3	Pn	20:21:38.657	-1.4	T__	m_e	
GRA1	3.65	4.6	Pn	20:21:42.274	-0.9	T__	m_e	

Event 51103004 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/03	13:02:26.19	0.43	1.28	48.8570	19.4250	10.0	6.7	033	10.0		28	18	194	0.81	4.81	m i ke	BGR	51103004

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.3	14 BGR	51103004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NIE	0.81	45.6	Pg	13:02:39.479	-2.0					T__				m_e ML	3.3
OKC	1.29	320.2	Pn	13:02:49.116	-0.4					T__				m_e ML	2.9
OKC	1.29	320.2	Pg	13:02:50.035	-0.5					T__				m_e	
OKC	1.29	320.2	Sg	13:03:06.834	-0.3					T__				m_e	
MORC	1.53	307.6	Pn	13:02:52.838	-0.0					T__				m_e ML	3.5
MORC	1.53	307.6	Pg	13:02:53.852	-1.3					T__				m_e	
MORC	1.53	307.6	Sg	13:03:15.278	0.3					T__				m_e	
DPC	2.50	307.8	Pn	13:03:06.634	0.6					T__				m_e ML	4.0
DPC	2.50	307.8	Sg	13:03:46.285	0.5					T__				m_e	
TREC	2.62	281.1	Pg	13:03:16.363	0.8					T__				m_e ML	3.1
KSP	2.83	315.7	Pn	13:03:11.522	1.0					T__				m_e ML	3.4
KSP	2.83	315.7	Pg	13:03:19.470	-0.1					T__				m_e	
KSP	2.83	315.7	Sg	13:03:58.339	2.1					T__				m_e	
ARSA	3.06	239.8	Pn	13:03:13.528	-0.1					T__				m_e	
CKRC	3.37	271.3	Pn	13:03:17.468	-0.3					T__				m_e ML	3.2
PRU	3.37	291.4	Pn	13:03:17.221	-0.6					T__				m_e ML	3.2
PRU	3.37	291.4	Pg	13:03:28.175	-1.6					T__				m_e	
PRU	3.37	291.4	Sg	13:04:11.424	-1.9					T__				m_e	
PVCC	3.56	299.9	Pn	13:03:20.200	-0.1					T__				m_e ML	3.7
GEC2	3.77	272.0	Pn	13:03:23.303	0.2					T__				m_e ML	3.2
KHC	3.85	276.3	Pn	13:03:24.347	0.1					T__				m_e ML	3.1

BRG	4.07	301.8	Pg	13:03:41.345	-1.5	T__	m_e	ML	3.4
TANN	4.77	291.7	Pn	13:03:37.573	0.8	T__	m_e	ML	3.5
TANN	4.77	291.7	Sg	13:04:55.888	-1.8	T__	m_e		
WERN	4.79	290.0	Pn	13:03:38.068	1.1	T__	m_e		
CLL	4.79	303.2	Pn	13:03:40.251	3.2	T__	m_e	ML	3.8
MULD	4.80	291.6	Pn	13:03:37.491	0.3	T__	m_e		
ROHR	4.81	289.3	Pn	13:03:36.722	-0.6	T__	m_e		

Event 51104002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/04	12:54:10.08	0.67	0.99	51.5370	16.0680	13.3	3.3	011	1.0f		18	13	214	0.71	3.14	m i k i	BGR	51104002

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	12 BGR	51104002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.71	168.4	Pg	12:54:22.800	-0.6					T__				m_e	ML 2.5
DPC	1.20	172.2	Pg	12:54:31.523	-1.1					T__				m_e	ML 3.4
BRG	1.49	244.3	Pn	12:54:37.210	0.0					T__				m_e	ML 3.1
BRG	1.49	244.3	Sg	12:54:57.753	0.4					T__				m_e	
FBE	1.81	251.1	Pg	12:54:43.444	-0.7					T__				m_e	ML 2.8
FBE	1.81	251.1	Sg	12:55:07.256	-0.2					T__				m_e	
CLL	1.93	264.4	Pn	12:54:41.861	-1.3					T__				m_e	ML 3.1
CLL	1.93	264.4	Sg	12:55:11.573	0.3					T__				m_e	
MORC	1.99	151.5	Pn	12:54:43.027	-1.0					T__				m_e	ML 3.4
OKC	2.15	141.4	Pn	12:54:49.297	3.1					T__				m_e	ML 2.7
OKC	2.15	141.4	Sg	12:55:18.619	0.2					T__				m_e	
TANN	2.53	245.1	Pn	12:54:51.263	-0.1					T__				m_e	ML 3.3
TANN	2.53	245.1	Sg	12:55:31.168	0.6					T__				m_e	
WERD	2.61	246.8	Pn	12:54:52.273	-0.1					T__				m_e	ML 3.2
OJC	2.70	117.8	Sg	12:55:35.414	-0.4					T__				m_e	
MOX	2.93	254.0	Sg	12:55:43.945	0.6					T__				m_e	ML 3.6
GEC2	3.09	210.3	Pn	12:54:59.823	0.9					T__				m_e	ML 3.3
WET	3.14	221.6	Pn	12:54:59.871	0.2					T__				m_e	ML 3.3

Event 51106002 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/06	04:03:04.60	0.07	1.02	44.4714	6.7301	1.5	1.2	065	2.0	0.0	210	41	034			m i k e	LDG	51106012
2015/11/06	04:03:06.43	0.40	2.07	44.4470	6.8070	17.8	8.9	098	5.0f		50	36	288	2.95	8.41	m i k e	BGR	51106002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.9	0.0	2 LDG	51106012
ML	4.3	0.3	54 LDG	51106012
ML	4.2	0.2	20 BGR	51106002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	2.95	11.8	Pn	04:03:52.182	-0.8					T__				m_e	ML 4.2
BALST	2.95	11.8	Sg	04:04:39.123	-1.2					T__				m_e	

PLONS	3.16	33.7	Pn	04:03:56.037	0.3	T__	m_e ML	4.1
PLONS	3.16	33.7	Sg	04:04:42.952	-3.9	T__	m_e	
SULZ	3.21	15.9	Pn	04:03:55.934	-0.5	T__	m_e ML	4.4
SULZ	3.21	15.9	Pg	04:04:05.089	-1.9	T__	m_e	
SULZ	3.21	15.9	Sg	04:04:50.418	1.9	T__	m_e	
WILA	3.31	25.5	Pn	04:03:58.150	0.4	T__	m_e ML	4.5
WILA	3.31	25.5	Pg	04:04:06.956	-1.8	T__	m_e	
SLE	3.52	18.8	Pn	04:03:59.520	-1.1	T__	m_e ML	4.5
SLE	3.52	18.8	Sn	04:04:41.297	1.6	T__	m_e	
SLE	3.52	18.8	Sg	04:04:58.177	-0.1	T__	m_e	
DAVA	3.56	35.9	Pn	04:04:02.009	0.9	T__	m_e ML	4.3
DAVA	3.56	35.9	Sg	04:04:53.648	-5.7	T__	m_e	
OBER	3.83	38.1	Pn	04:04:05.128	0.3	T__	m_e ML	3.8
UBR	3.96	34.1	Pn	04:04:06.823	0.2	T__	m_e ML	4.3
BFO	4.02	14.6	Pn	04:04:05.879	-1.6	T__	m_e ML	4.0
BFO	4.02	14.6	Pg	04:04:19.868	-2.4	T__	m_e	
BFO	4.02	14.6	Sn	04:04:52.092	0.5	T__	m_e	
BFO	4.02	14.6	Sg	04:05:14.193	-0.0	T__	m_e	
ZUGS	4.15	42.9	Pn	04:04:09.889	0.7	T__	m_e	
PART	4.27	43.0	Pn	04:04:12.848	2.0	T__	m_e ML	3.7
WTTA	4.39	48.3	Pn	04:04:13.767	1.4	T__	m_e ML	4.3
STU	4.62	19.9	Pn	04:04:14.926	-0.7	T__	m_e ML	4.4
STU	4.62	19.9	Sn	04:05:07.241	1.6	T__	m_e	
FUR	4.83	38.1	Pn	04:04:17.906	-0.5	T__	m_e ML	4.4
NORI	5.01	30.2	Sn	04:05:18.255	3.4	T__	m_e	
WLF	5.24	355.4	Pn	04:04:24.477	0.6	T__	m_e ML	4.2
WLF	5.24	355.4	Sn	04:05:22.641	2.5	T__	m_e	
KBA	5.26	57.7	Pn	04:04:26.000	1.7	T__	m_e ML	3.9
MILB	5.64	16.5	Pn	04:04:27.674	-1.7	T__	m_e ML	4.6
MILB	5.64	16.5	Sn	04:05:32.577	3.0	T__	m_e	
OBKA	5.80	66.5	Pn	04:04:31.325	-0.3	T__	m_e ML	4.1
TNS	5.88	10.3	Pn	04:04:31.547	-1.1	T__	m_e ML	4.0
GRA1	6.04	28.2	Pn	04:04:33.377	-1.5	T__	m_e	
GRA1	6.04	28.2	Pg	04:04:58.635	-1.7	T__	m_e	
AHRW	6.10	1.6	Pn	04:04:34.840	-0.7	T__	m_e ML	4.2
MOA	6.18	54.0	Pn	04:04:36.620	-0.1	T__	m_e ML	4.0
WET	6.27	39.3	Pn	04:04:36.926	-1.0	T__	m_e	
WET	6.27	39.3	Sn	04:05:46.707	2.4	T__	m_e	
GEC2	6.46	44.6	Pn	04:04:40.311	-0.1	T__	m_e	
GEC2	6.46	44.6	Sn	04:05:53.001	4.2	T__	m_e	
HROE	6.50	19.2	Pg	04:05:06.075	-2.8	T__	m_e	
HROE	6.50	19.2	Sg	04:06:34.503	1.7	T__	m_e	
ARSA	6.68	62.1	Pn	04:04:43.865	0.3	T__	m_e	
UBBA	6.72	17.5	Sg	04:06:38.412	-1.6	T__	m_e	
KAST	6.84	8.5	Pn	04:04:45.899	0.2	T__	m_e	
MOX	6.99	25.9	Pg	04:05:18.303	0.1	T__	m_e	
BUG	7.00	2.4	Pn	04:04:48.483	0.7	T__	m_e	
BUG	7.00	2.4	Sn	04:06:05.347	3.8	T__	m_e	
NEUB	7.54	24.4	Pg	04:05:25.018	-3.4	T__	m_e	
CHRS	7.65	19.1	Pg	04:05:29.396	-1.1	T__	m_e	
CHRS	7.65	19.1	Sn	04:06:19.970	3.2	T__	m_e	
CHRS	7.65	19.1	Sg	04:07:08.744	-0.6	T__	m_e	
WIMM	7.74	22.2	Pg	04:05:29.467	-2.8	T__	m_e	
WIMM	7.74	22.2	Sg	04:07:14.035	1.8	T__	m_e	
CLZ	7.77	16.5	Pg	04:05:30.738	-2.0	T__	m_e	

CLZ	7.77	16.5	Sg	04:07:13.413	0.3	T__	m_e
BRG	8.02	34.2	Pg	04:05:37.624	0.1	T__	m_e
ASSE	8.10	17.1	Sg	04:07:23.429	-0.3	T__	m_e
NRDL	8.34	14.0	Sg	04:07:36.996	5.7	T__	m_e
FLT1	8.41	18.8	Sg	04:07:37.568	3.9	T__	m_e

Event 51111007 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/11	18:13:37.37	0.46	1.28	43.8340	12.5310	7.8	5.6	170	20.0f		59	30	287	3.03	7.07	m i ke	BGR	51111007

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.2	25 BGR	51111007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.03	27.3	Pn	18:14:22.225	-0.9					T__				m_e ML	4.0
OBKA	3.03	27.3	Pg	18:14:34.061	-0.5					T__				m_e	
OBKA	3.03	27.3	Sn	18:14:55.712	-0.6					T__				m_e	
OBKA	3.03	27.3	Sg	18:15:13.032	-0.8					T__				m_e	
KBA	3.29	9.7	Pn	18:14:26.819	0.1					T__				m_e ML	3.5
KBA	3.29	9.7	Sn	18:15:01.846	-0.7					T__				m_e	
WTTA	3.49	350.0	Pn	18:14:29.947	0.6					T__				m_e ML	3.8
WTTA	3.49	350.0	Sn	18:15:07.652	0.6					T__				m_e	
WTTA	3.49	350.0	Sg	18:15:30.342	2.1					T__				m_e	
ZUGS	3.74	343.7	Pn	18:14:34.290	1.5					T__				m_e	
ZUGS	3.74	343.7	Sn	18:15:15.942	2.9					T__				m_e	
PART	3.79	345.4	Pn	18:14:34.260	0.7					T__				m_e ML	3.2
PART	3.79	345.4	Sn	18:15:15.927	1.7					T__				m_e	
PLONS	3.90	326.6	Pn	18:14:36.414	1.4					T__				m_e ML	3.5
PLONS	3.90	326.6	Sn	18:15:18.400	1.6					T__				m_e	
DAVA	3.92	332.7	Pn	18:14:36.501	1.3					T__				m_e ML	3.6
DAVA	3.92	332.7	Sn	18:15:18.947	1.8					T__				m_e	
ARSA	4.01	30.5	Pn	18:14:35.421	-1.0					T__				m_e ML	3.3
ARSA	4.01	30.5	Sn	18:15:17.572	-1.7					T__				m_e	
MOA	4.19	16.1	Pn	18:14:38.898	-0.0					T__				m_e ML	3.9
MOA	4.19	16.1	Sn	18:15:23.728	0.1					T__				m_e	
UBR	4.20	337.1	Pn	18:14:39.809	0.8					T__				m_e ML	3.8
UBR	4.20	337.1	Sn	18:15:23.887	0.1					T__				m_e	
WILA	4.39	326.0	Pn	18:14:41.797	0.2					T__				m_e ML	3.9
WILA	4.39	326.0	Sn	18:15:28.164	0.0					T__				m_e	
FUR	4.42	349.1	Sn	18:15:29.114	0.3					T__				m_e ML	3.9
WALHA	4.58	330.0	Pn	18:14:44.349	0.1					T__				m_e	
EMING	4.80	329.0	Pn	18:14:46.032	-1.2					T__				m_e ML	3.5
EMING	4.80	329.0	Sn	18:15:36.175	-1.8					T__				m_e	
SULZ	4.81	321.7	Pn	18:14:47.381	0.0					T__				m_e ML	3.7
SULZ	4.81	321.7	Sn	18:15:36.363	-1.8					T__				m_e	
SLE	4.83	325.8	Pn	18:14:47.052	-0.6					T__				m_e ML	3.7
SLE	4.83	325.8	Sn	18:15:36.252	-2.5					T__				m_e	
BALST	4.87	317.7	Pn	18:14:47.697	-0.4					T__				m_e ML	3.7
BALST	4.87	317.7	Sn	18:15:36.852	-2.7					T__				m_e	
METMA	4.89	323.9	Pn	18:14:47.913	-0.5					T__				m_e ML	3.4
METMA	4.89	323.9	Sn	18:15:37.359	-2.7					T__				m_e	
BERGE	5.05	324.6	Pn	18:14:50.072	-0.5					T__				m_e ML	3.5

BERGE	5.05	324.6	Sn	18:15:41.067	-2.6	T__	m_e		
NORI	5.06	345.6	Pn	18:14:50.510	-0.2	T__	m_e ML	3.6	
NORI	5.06	345.6	Sn	18:15:43.050	-1.0	T__	m_e		
GEC2	5.08	8.7	Pn	18:14:49.764	-1.1	T__	m_e ML	3.8	
GEC2	5.08	8.7	Sn	18:15:43.352	-1.0	T__	m_e		
WET	5.32	2.5	Pn	18:14:52.735	-1.4	T__	m_e ML	4.0	
WET	5.32	2.5	Sn	18:15:48.204	-1.8	T__	m_e		
BFO	5.36	328.5	Pn	18:14:54.425	-0.3	T__	m_e ML	3.4	
BFO	5.36	328.5	Sn	18:15:48.265	-2.7	T__	m_e		
ECH	5.75	321.5	Pn	18:14:59.661	-0.4	T__	m_e ML	3.8	
ECH	5.75	321.5	Sn	18:15:57.134	-3.1	T__	m_e		
GRA1	5.93	351.8	Sn	18:16:01.955	-2.4	T__	m_e ML	3.9	
MILB	6.39	340.9	Pn	18:15:07.692	-1.0	T__	m_e ML	4.0	
MILB	6.39	340.9	Sn	18:16:14.480	-0.8	T__	m_e		
MOX	6.84	355.1	Pn	18:15:13.037	-1.8	T__	m_e ML	3.9	
MOX	6.84	355.1	Sn	18:16:23.799	-2.0	T__	m_e		
ABH	6.94	332.4	Pn	18:15:16.431	0.3	T__	m_e		
ABH	6.94	332.4	Sn	18:16:28.806	0.6	T__	m_e		
TNS	6.97	337.9	Pn	18:15:16.782	0.2	T__	m_e		
RIVT	7.07	328.2	Pn	18:15:19.193	1.2	T__	m_e		
RIVT	7.07	328.2	Sn	18:16:31.172	-0.2	T__	m_e		

Event 51111009 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/11	19:46:38.80	0.23	1.55	46.5403	12.8491	5.9	3.9	038	11.0f		160	38	128			m i ke	LDG	51111029
2015/11/11	19:46:38.03	0.19	1.00	46.5153	12.8331	1.8	0.9	010	12.5	4.4	51	15	006			m i fe	ZAMG	51111019
2015/11/11	19:46:42.03	0.23	1.49	46.6150	12.8780	4.4	2.2	167	10.0f		86	49	187	0.56	5.48	m i ke	BGR	51111009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.4	42 LDG	51111029
ML	3.5	0.4	20 ZAMG	51111019
ML	3.4	0.4	36 BGR	51111009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.56	34.4	Pg	19:46:51.908	-0.9					T__				m_e ML	2.9
KBA	0.56	34.4	Sg	19:47:00.717	0.6					T__				m_e	
WTTA	1.07	307.9	Pg	19:47:00.024	-2.2					T__				m_e ML	3.1
WTTA	1.07	307.9	Sg	19:47:14.920	-1.1					T__				m_e	
OBKA	1.15	94.7	Pg	19:47:00.287	-3.6					T__				m_e ML	2.9
OBKA	1.15	94.7	Sg	19:47:18.029	-0.8					T__				m_e	
PART	1.49	306.9	Pn	19:47:07.306	-0.8					T__				m_e ML	3.0
PART	1.49	306.9	Sg	19:47:29.455	0.0					T__				m_e	
ZUGS	1.52	302.4	Pn	19:47:07.825	-0.7					T__				m_e	
MOA	1.55	36.9	Pn	19:47:09.938	1.0					T__				m_e ML	2.8
MOA	1.55	36.9	Sg	19:47:32.205	0.8					T__				m_e	
FUR	1.89	325.6	Pn	19:47:14.196	0.6					T__				m_e ML	3.6
FUR	1.89	325.6	Sg	19:47:42.857	0.7					T__				m_e	
ARSA	1.91	69.7	Pn	19:47:13.488	-0.4					T__				m_e ML	2.4
DAVA	2.15	289.3	Pn	19:47:18.065	0.9					T__				m_e ML	3.4
DAVA	2.15	289.3	Sg	19:47:49.499	-1.0					T__				m_e	
UBR	2.16	300.5	Pn	19:47:18.093	0.8					T__				m_e ML	3.6

UBR	2.16	300.5	Sg	19:47:50.248	-0.6	T__	m_e	
GEC2	2.30	13.6	Pn	19:47:19.489	0.4	T__	m_e ML	3.1
GEC2	2.30	13.6	Sg	19:47:56.082	1.0	T__	m_e	
CKRC	2.41	23.1	Pn	19:47:21.234	0.7	T__	m_e ML	3.3
PLONS	2.43	281.6	Pn	19:47:21.568	0.7	T__	m_e ML	3.0
PLONS	2.43	281.6	Sg	19:47:56.472	-2.9	T__	m_e	
WET	2.53	0.0	Pn	19:47:22.225	0.0	T__	m_e ML	3.2
WET	2.53	0.0	Sg	19:48:03.024	0.6	T__	m_e	
KHC	2.56	10.3	Pn	19:47:23.052	0.4	T__	m_e ML	2.9
KHC	2.56	10.3	Sg	19:48:03.422	0.0	T__	m_e	
NORI	2.59	325.0	Pn	19:47:22.925	-0.2	T__	m_e ML	3.5
NORI	2.59	325.0	Sg	19:48:03.608	-0.9	T__	m_e	
WALHA	2.79	295.4	Pn	19:47:26.518	0.7	T__	m_e ML	3.3
WALHA	2.79	295.4	Sg	19:48:09.290	-1.5	T__	m_e	
WILA	2.82	287.9	Pn	19:47:26.444	0.3	T__	m_e ML	3.7
EMING	3.02	296.5	Pn	19:47:29.259	0.4	T__	m_e ML	3.4
EMING	3.02	296.5	Sg	19:48:15.609	-2.4	T__	m_e	
SLE	3.19	292.7	Pn	19:47:31.133	-0.1	T__	m_e ML	3.5
SLE	3.19	292.7	Sg	19:48:22.087	-1.4	T__	m_e	
TREC	3.20	32.1	Sg	19:48:23.485	-0.2	T__	m_e ML	3.2
GRA1	3.27	340.9	Pn	19:47:32.371	0.1	T__	m_e ML	3.6
GRA1	3.27	340.9	Pg	19:47:43.075	-0.6	T__	m_e	
GRA1	3.27	340.9	Sg	19:48:26.495	0.6	T__	m_e	
STU	3.29	312.3	Pn	19:47:32.834	0.4	T__	m_e ML	3.9
STU	3.29	312.3	Sg	19:48:25.833	-0.6	T__	m_e	
METMA	3.33	290.9	Pn	19:47:32.841	-0.2	T__	m_e ML	3.0
METMA	3.33	290.9	Sn	19:48:11.859	1.9	T__	m_e	
METMA	3.33	290.9	Sg	19:48:25.845	-2.0	T__	m_e	
SULZ	3.37	287.5	Pn	19:47:33.608	-0.0	T__	m_e ML	3.6
SULZ	3.37	287.5	Sg	19:48:26.916	-2.2	T__	m_e	
KRUC	3.40	42.7	Pn	19:47:34.164	0.2	T__	m_e	
KRUC	3.40	42.7	Pg	19:47:45.409	-0.7	T__	m_e	
BERGE	3.43	293.2	Pn	19:47:34.267	-0.1	T__	m_e ML	3.2
BERGE	3.43	293.2	Sn	19:48:12.902	0.7	T__	m_e	
BERGE	3.43	293.2	Sg	19:48:29.152	-1.8	T__	m_e	
BFO	3.52	300.8	Pn	19:47:35.743	0.1	T__	m_e ML	3.4
PRU	3.55	17.5	Pn	19:47:36.162	0.1	T__	m_e ML	3.6
PRU	3.55	17.5	Pg	19:47:46.782	-2.2	T__	m_e	
PRU	3.55	17.5	Sg	19:48:33.717	-1.1	T__	m_e	
BALST	3.61	283.4	Pn	19:47:36.592	-0.3	T__	m_e ML	3.4
BALST	3.61	283.4	Sn	19:48:17.878	1.4	T__	m_e	
NKC	3.63	355.6	Pn	19:47:37.807	0.7	T__	m_e ML	3.8
NKC	3.63	355.6	Sg	19:48:38.450	1.1	T__	m_e	
VRAC	3.67	41.4	Sg	19:48:35.796	-2.7	T__	m_e	
MILB	4.00	324.7	Pn	19:47:42.281	0.1	T__	m_e ML	4.1
MILB	4.00	324.7	Sg	19:48:47.848	-1.4	T__	m_e	
PVCC	4.07	15.3	Sg	19:48:50.619	-0.7	T__	m_e ML	4.0
MOX	4.11	348.8	Pn	19:47:43.621	-0.1	T__	m_e ML	3.4
MOX	4.11	348.8	Sg	19:48:53.121	0.3	T__	m_e	
ECH	4.19	294.6	Pn	19:47:44.591	-0.1	T__	m_e	
ECH	4.19	294.6	Sn	19:48:33.938	3.9	T__	m_e	
HROE	4.31	336.4	Pn	19:47:46.741	0.3	T__	m_e ML	3.5
HROE	4.31	336.4	Sg	19:49:00.617	1.5	T__	m_e	
BRG	4.32	9.0	Pg	19:48:01.398	-2.0	T__	m_e ML	3.5
BRG	4.32	9.0	Sg	19:48:59.135	-0.0	T__	m_e	



DPC	4.38	30.2	Sg	19:48:59.018	-2.1	T__	m_e	ML	4.3
UBBA	4.61	336.8	Pn	19:47:51.793	1.3	T__	m_e	ML	3.5
UBBA	4.61	336.8	Sg	19:49:08.778	0.2	T__	m_e		
TNS	4.65	322.5	Pn	19:47:52.196	1.2	T__	m_e		
CLL	4.69	1.0	Pn	19:47:52.050	0.5	T__	m_e		
ABH	4.82	314.6	Pn	19:47:54.532	1.2	T__	m_e		
RIVT	5.12	309.4	Pn	19:47:58.492	1.2	T__	m_e		
CHRS	5.17	345.7	Sg	19:49:25.474	-0.9	T__	m_e		
GTTG	5.29	339.9	Sg	19:49:30.485	0.5	T__	m_e		
WLF	5.42	306.7	Pn	19:48:03.759	2.3	T__	m_e		
WLF	5.42	306.7	Sg	19:49:33.721	-0.6	T__	m_e		
KAST	5.44	329.1	Pn	19:48:03.114	1.4	T__	m_e		
KAST	5.44	329.1	Sn	19:49:05.099	5.5	T__	m_e		
CLZ	5.48	343.6	Sg	19:49:35.815	-0.2	T__	m_e		

Event 51114001 Innsbruck, Hall/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/14	04:51:38.60	0.18	0.76	47.3140	11.6516	3.3	2.8	132	2.0	0.0	51	19	150			m i ke	LDG	51114021
2015/11/14	04:51:36.72	0.27	0.99	47.3303	11.6220	2.3	1.0	030	4.3	1.7	19	7	005			m i fe	ZAMG	51114011
2015/11/14	04:51:39.01	0.28	1.41	47.3350	11.6000	5.6	3.3	157	10.0f		35	18	119	0.08	3.31	m i ke	BGR	51114001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	12 LDG	51114021
ML	2.3	0.3	17 ZAMG	51114011
ML	2.2	0.3	10 BGR	51114001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.08	160.9	Pg	04:51:38.911	-2.3					T__				m_e	ML 2.2
WTTA	0.08	160.9	Sg	04:51:40.060	-2.7					T__				m_e	
PART	0.36	296.4	Pg	04:51:44.449	-1.6					T__				m_e	ML 1.4
PART	0.36	296.4	Sg	04:51:50.104	-0.8					T__				m_e	
ZUGS	0.43	281.1	Pg	04:51:45.709	-1.5					T__				m_e	
ZUGS	0.43	281.1	Sg	04:51:52.304	-0.6					T__				m_e	
UBR	1.07	289.5	Pg	04:52:00.172	1.0					T__				m_e	ML 2.3
UBR	1.07	289.5	Sg	04:52:13.665	0.7					T__				m_e	
DAVA	1.17	268.3	Pg	04:52:01.999	0.9					T__				m_e	ML 2.2
DAVA	1.17	268.3	Sg	04:52:18.622	2.4					T__				m_e	
NORI	1.53	335.2	Pg	04:52:06.604	-1.3					T__				m_e	ML 2.6
NORI	1.53	335.2	Sg	04:52:28.080	0.3					T__				m_e	
PLONS	1.53	260.1	Pg	04:52:07.749	-0.2					T__				m_e	ML 1.8
PLONS	1.53	260.1	Sg	04:52:29.271	1.4					T__				m_e	
WALHA	1.72	284.9	Pn	04:52:10.008	1.7					T__				m_e	ML 2.2
WALHA	1.72	284.9	Sg	04:52:34.091	0.3					T__				m_e	
WILA	1.83	273.5	Sg	04:52:37.461	0.4					T__				m_e	ML 2.5
GEC2	2.06	42.1	Pn	04:52:12.930	0.1					T__				m_e	ML 2.1
GEC2	2.06	42.1	Sn	04:52:39.371	2.3					T__				m_e	
GEC2	2.06	42.1	Sg	04:52:44.151	-0.4					T__				m_e	
SLE	2.14	282.8	Pn	04:52:15.863	1.9					T__				m_e	
SLE	2.14	282.8	Sg	04:52:46.553	-0.5					T__				m_e	
BERGE	2.37	284.4	Pn	04:52:18.203	1.2					T__				m_e	
BERGE	2.37	284.4	Sg	04:52:53.142	-1.2					T__				m_e	

GRA1	2.37	354.1	Sg	04:52:53.692	-0.7	T__	m_e	ML	2.5
BFO	2.41	295.6	Pn	04:52:18.455	0.9	T__	m_e		
BFO	2.41	295.6	Sg	04:52:54.706	-0.9	T__	m_e		
BALST	2.65	271.5	Pn	04:52:22.581	1.8	T__	m_e		
BALST	2.65	271.5	Sg	04:53:03.089	-0.0	T__	m_e		
MILB	2.92	329.4	Pn	04:52:24.629	0.1	T__	m_e		
MILB	2.92	329.4	Sg	04:53:11.083	-0.8	T__	m_e		
ECH	3.11	288.1	Pn	04:52:28.579	1.5	T__	m_e		
ECH	3.11	288.1	Sg	04:53:16.862	-1.0	T__	m_e		
MOX	3.31	0.2	Pn	04:52:29.050	-0.7	T__	m_e		
MOX	3.31	0.2	Sg	04:53:23.201	-1.0	T__	m_e		

Event 51116012 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/16	21:06:40.76	0.58	0.93	44.7000	7.3770	7.8	6.7	056	10.0f		44	23	300	2.65	5.99	m i ke	BGR	51116012

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.2	10 BGR	51116012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	2.65	4.7	Pn	21:07:23.405	0.9					T__				m_e	ML 3.2
BALST	2.65	4.7	Sn	21:07:52.906	0.4					T__				m_e	
PLONS	2.73	30.0	Pn	21:07:23.383	-0.3					T__				m_e	ML 3.2
PLONS	2.73	30.0	Sn	21:07:54.707	0.1					T__				m_e	
SULZ	2.87	10.0	Pn	21:07:25.957	0.3					T__				m_e	ML 3.4
SULZ	2.87	10.0	Sn	21:07:57.318	-0.6					T__				m_e	
WILA	2.91	20.8	Pn	21:07:26.679	0.5					T__				m_e	ML 3.7
WILA	2.91	20.8	Sn	21:07:59.630	0.7					T__				m_e	
METMA	3.07	11.1	Pn	21:07:28.130	-0.2					T__				m_e	
METMA	3.07	11.1	Sn	21:08:02.112	-0.5					T__				m_e	
DAVA	3.12	33.0	Pn	21:07:29.141	0.2					T__				m_e	ML 3.6
DAVA	3.12	33.0	Sn	21:08:05.327	1.7					T__				m_e	
SLE	3.16	13.7	Pn	21:07:29.147	-0.4					T__				m_e	
SLE	3.16	13.7	Sn	21:08:04.469	-0.2					T__				m_e	
BERGE	3.22	9.6	Pn	21:07:30.105	-0.2					T__				m_e	ML 3.2
BERGE	3.22	9.6	Sn	21:08:05.386	-0.7					T__				m_e	
WALHA	3.28	21.0	Pn	21:07:30.967	-0.2					T__				m_e	
WALHA	3.28	21.0	Sn	21:08:06.845	-0.7					T__				m_e	
EMING	3.35	17.1	Pn	21:07:31.663	-0.4					T__				m_e	ML 3.3
EMING	3.35	17.1	Sn	21:08:08.702	-0.5					T__				m_e	
OBER	3.38	35.7	Pn	21:07:32.453	-0.0					T__				m_e	ML 3.1
ECH	3.52	357.6	Pn	21:07:34.944	0.6					T__				m_e	
ECH	3.52	357.6	Sn	21:08:12.541	-0.6					T__				m_e	
UBR	3.53	31.4	Pn	21:07:34.133	-0.4					T__				m_e	
UBR	3.53	31.4	Sn	21:08:13.594	0.3					T__				m_e	
BFO	3.69	9.9	Pn	21:07:36.278	-0.4					T__				m_e	ML 3.5
BFO	3.69	9.9	Pg	21:07:47.917	-2.4					T__				m_e	
BFO	3.69	9.9	Sn	21:08:16.468	-0.6					T__				m_e	
ZUGS	3.69	41.3	Pn	21:07:36.872	0.2					T__				m_e	
PART	3.81	41.5	Pn	21:07:38.247	-0.1					T__				m_e	
WTTA	3.91	47.6	Pn	21:07:40.464	0.7					T__				m_e	ML 3.5
WTTA	3.91	47.6	Sn	21:08:23.620	1.2					T__				m_e	

FUR	4.38	36.4	Pn	21:07:45.327	-0.7	T__	m_e
FUR	4.38	36.4	Sn	21:08:33.108	-0.3	T__	m_e
KBA	4.78	58.1	Pn	21:07:51.513	-0.0	T__	m_e
KBA	4.78	58.1	Sn	21:08:43.577	0.7	T__	m_e
TNS	5.57	7.1	Pn	21:08:02.301	0.1	T__	m_e
TNS	5.57	7.1	Sn	21:09:01.462	0.2	T__	m_e
GRA1	5.63	26.2	Pn	21:08:00.508	-2.5	T__	m_e
GRA1	5.63	26.2	Sn	21:09:01.019	-1.8	T__	m_e
WET	5.82	38.2	Pn	21:08:03.908	-1.6	T__	m_e
WET	5.82	38.2	Sn	21:09:04.657	-2.4	T__	m_e
GEC2	5.99	44.0	Pn	21:08:06.927	-1.0	T__	m_e
GEC2	5.99	44.0	Sn	21:09:08.521	-2.7	T__	m_e

Event 51117010 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/17	23:28:10.10	0.17	1.30	50.1248	19.1644	5.4	3.4	018	1.0f		88	11	041			m i sr	LDG	51117030
2015/11/17	23:28:08.12	0.55	0.96	50.1609	19.4140	4.8	4.2	094	0.0	0.0	43	6	005			m i sr	ZAMG	51117020
2015/11/17	23:28:11.32	0.58	0.74	50.0820	19.2590	6.7	5.6	007	1.0f		25	11	319	0.76	4.91	m i ki	BGR	51117010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.2	0.2	6 LDG	51117030
ML	3.1	0.3	5 ZAMG	51117020
ML	3.8	0.3	10 BGR	51117010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.76	251.6	Pg	23:28:25.228	-0.3					T__				m_e	ML 3.0
OKC	0.76	251.6	Sg	23:28:36.939	1.6					T__				m_e	
MORC	1.15	255.2	Pg	23:28:31.794	-1.1					T__				m_e	ML 4.0
MORC	1.15	255.2	Sg	23:28:48.342	0.6					T__				m_e	
DPC	1.90	279.2	Pn	23:28:43.362	-0.6					T__				m_e	ML 4.2
DPC	1.90	279.2	Pg	23:28:45.456	-1.6					T__				m_e	
DPC	1.90	279.2	Sg	23:29:10.287	-1.3					T__				m_e	
KSP	2.04	293.1	Pn	23:28:45.103	-0.8					T__				m_e	ML 3.5
KSP	2.04	293.1	Pg	23:28:49.473	-0.2					T__				m_e	
KSP	2.04	293.1	Sg	23:29:16.856	0.9					T__				m_e	
BRG	3.47	285.2	Pn	23:29:05.637	0.3					T__				m_e	ML 3.7
BRG	3.47	285.2	Sg	23:30:01.645	-0.0					T__				m_e	
GEC2	3.82	253.2	Pn	23:29:10.395	0.4					T__				m_e	ML 4.1
GEC2	3.82	253.2	Sg	23:30:12.395	-0.2					T__				m_e	
FBE	3.85	284.9	Pn	23:29:11.586	1.2					T__				m_e	ML 3.9
FBE	3.85	284.9	Sg	23:30:14.093	0.6					T__				m_e	
CLL	4.15	289.6	Pn	23:29:13.725	-0.8					T__				m_e	ML 4.1
CLL	4.15	289.6	Pg	23:29:30.563	1.1					T__				m_e	
CLL	4.15	289.6	Sg	23:30:23.192	0.1					T__				m_e	
WET	4.24	259.7	Pn	23:29:15.615	-0.1					T__				m_e	
WET	4.24	259.7	Pg	23:29:30.317	-0.9					T__				m_e	
TANN	4.36	277.0	Pn	23:29:17.494	0.1					T__				m_e	ML 4.0
TANN	4.36	277.0	Sg	23:30:28.695	-1.1					T__				m_e	
MOX	4.91	279.5	Pn	23:29:25.421	0.6					T__				m_e	ML 3.9
MOX	4.91	279.5	Sg	23:30:47.858	0.7					T__				m_e	

## Event 51119001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/19	03:33:03.70	0.37	1.21	50.1142	19.0413	12.7	5.1	015	1.0f	47	13	166				m i sr	LDG	51119011
2015/11/19	03:33:04.43	0.73	1.18	50.1380	19.1150	8.9	8.9	061	1.0f	20	9	313	0.69	4.16		m i ki	BGR	51119001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.3	3 LDG	51119011
ML	3.4	0.4	9 BGR	51119001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.69	244.6	Pg	03:33:17.790	0.3					T__				m_e	ML 2.4
OKC	0.69	244.6	Sg	03:33:28.134	1.8					T__				m_e	
MORC	1.07	251.0	Pg	03:33:24.443	-0.2					T__				m_e	ML 3.7
MORC	1.07	251.0	Sg	03:33:40.430	1.9					T__				m_e	
DPC	1.80	277.8	Pn	03:33:35.896	0.1					T__				m_e	ML 3.8
DPC	1.80	277.8	Pg	03:33:37.655	-0.7					T__				m_e	
DPC	1.80	277.8	Sg	03:34:00.698	-0.9					T__				m_e	
KSP	1.93	292.5	Pn	03:33:36.948	-0.6					T__				m_e	ML 3.0
KSP	1.93	292.5	Pg	03:33:40.512	-0.3					T__				m_e	
KSP	1.93	292.5	Sg	03:34:05.774	0.1					T__				m_e	
BRG	3.37	284.6	Pg	03:34:06.383	-1.6					T__				m_e	ML 3.4
BRG	3.37	284.6	Sg	03:34:52.764	1.3					T__				m_e	
FBE	3.74	284.3	Pg	03:34:15.140	0.2					T__				m_e	ML 3.5
FBE	3.74	284.3	Sg	03:35:04.693	1.3					T__				m_e	
GEC2	3.75	251.9	Pn	03:34:03.448	1.3					T__				m_e	ML 3.7
GEC2	3.75	251.9	Pg	03:34:14.057	-1.0					T__				m_e	
GEC2	3.75	251.9	Sg	03:35:00.614	-2.8					T__				m_e	
CLL	4.04	289.2	Sg	03:35:12.728	-0.1					T__				m_e	ML 3.7
WET	4.16	258.6	Pn	03:34:07.978	0.2					T__				m_e	ML 3.8
WET	4.16	258.6	Sg	03:35:15.499	-1.0					T__				m_e	

## Event 51119011 North Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/19	14:18:35.20	0.14	1.21	56.8834	7.4031	7.4	2.7	121	10.0f	32	13	124				m i ke	LDG	51119021
2015/11/19	14:18:36.81	1.26	0.87	56.7890	7.9940	17.8	14.5	106	10.0f	16	12	329	2.61	6.57		m i ke	BGR	51119011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.2	12 LDG	51119021
ML	3.7	0.2	2 BGR	51119011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HLG	2.61	181.4	Sn	14:19:46.869	-0.8					T__				m_e	ML 3.9
BSEG	3.14	154.2	Pn	14:19:25.609	0.3					T__				m_e	ML 3.5
NRDL	4.46	163.2	Pn	14:19:43.194	-0.0					T__				m_e	
NRDL	4.46	163.2	Pg	14:19:58.606	-2.4					T__				m_e	
NRDL	4.46	163.2	Sn	14:20:29.698	-1.7					T__				m_e	
FLT1	4.84	155.8	Sn	14:20:40.175	0.0					T__				m_e	

ASSE	4.91	160.4	Sn	14:20:41.785	-0.1	T__	m_e
CLZ	5.14	163.4	Pn	14:19:52.153	-0.2	T__	m_e
CLZ	5.14	163.4	Sn	14:20:47.253	0.1	T__	m_e
BUG	5.37	184.8	Sn	14:20:51.554	-1.0	T__	m_e
GTTG	5.37	166.8	Sn	14:20:53.433	0.8	T__	m_e
KAST	5.59	177.3	Sn	14:20:56.871	-1.0	T__	m_e
UBBA	6.09	168.0	Sn	14:21:09.197	-0.3	T__	m_e
AHRW	6.27	185.3	Sn	14:21:13.973	0.1	T__	m_e
TNS	6.57	177.5	Pn	14:20:11.857	0.0	T__	m_e
TNS	6.57	177.5	Sn	14:21:20.822	-0.1	T__	m_e

Event 51119012 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/19	23:16:55.04	0.34	0.63	51.4040	16.1830	4.4	2.2	019	1.0	38	15	197	0.56	3.63	m	i ki	BGR	51119012

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	14 BGR	51119012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.56	172.9	Pg	23:17:06.026	0.3					T__				m_e	ML 2.6
KSP	0.56	172.9	Sg	23:17:13.491	0.5					T__				m_e	
DPC	1.06	175.2	Pg	23:17:14.829	-0.1					T__				m_e	ML 3.4
DPC	1.06	175.2	Sg	23:17:29.130	0.5					T__				m_e	
BRG	1.50	250.2	Pn	23:17:21.619	-0.7					T__				m_e	ML 3.0
BRG	1.50	250.2	Pg	23:17:23.327	-0.0					T__				m_e	
BRG	1.50	250.2	Sg	23:17:42.946	0.2					T__				m_e	
FBE	1.84	255.9	Pn	23:17:26.498	-0.4					T__				m_e	ML 3.0
FBE	1.84	255.9	Pg	23:17:29.636	-0.1					T__				m_e	
FBE	1.84	255.9	Sg	23:17:53.860	0.4					T__				m_e	
MORC	1.84	151.5	Pn	23:17:26.835	-0.1					T__				m_e	ML 3.3
MORC	1.84	151.5	Sg	23:17:52.744	-0.8					T__				m_e	
CLL	1.99	268.5	Pn	23:17:28.240	-0.7					T__				m_e	ML 3.1
CLL	1.99	268.5	Pg	23:17:31.268	-1.2					T__				m_e	
CLL	1.99	268.5	Sg	23:17:58.265	0.1					T__				m_e	
OKC	2.00	140.7	Pn	23:17:29.002	-0.1					T__				m_e	ML 2.8
OKC	2.00	140.7	Pg	23:17:32.340	-0.4					T__				m_e	
OKC	2.00	140.7	Sg	23:17:57.883	-0.7					T__				m_e	
TANN	2.55	248.6	Pn	23:17:36.818	0.3					T__				m_e	ML 3.2
TANN	2.55	248.6	Pg	23:17:43.314	0.3					T__				m_e	
TANN	2.55	248.6	Sg	23:18:15.629	-0.3					T__				m_e	
OJC	2.57	116.0	Pg	23:17:43.660	0.1					T__				m_e	
OJC	2.57	116.0	Sg	23:18:17.314	0.5					T__				m_e	
WERD	2.62	250.1	Pn	23:17:37.940	0.4					T__				m_e	ML 3.2
WERD	2.62	250.1	Pg	23:17:44.618	0.1					T__				m_e	
WERD	2.62	250.1	Sn	23:18:08.427	0.4					T__				m_e	
WERD	2.62	250.1	Sg	23:18:19.291	0.9					T__				m_e	
MOX	2.97	257.0	Pn	23:17:42.309	0.0					T__				m_e	ML 3.5
MOX	2.97	257.0	Pg	23:17:51.201	0.2					T__				m_e	
MOX	2.97	257.0	Sg	23:18:29.232	-0.2					T__				m_e	
GEC2	3.01	212.8	Pn	23:17:44.120	1.3					T__				m_e	ML 3.4
GEC2	3.01	212.8	Sg	23:18:30.357	-0.4					T__				m_e	
WET	3.09	224.3	Pn	23:17:44.848	0.9					T__				m_e	ML 3.3

WET	3.09	224.3	Sg	23:18:32.528	-0.8	T__	m_e		
GRA1	3.59	243.4	Pn	23:17:51.324	0.7	T__	m_e ML	3.8	
GRA1	3.59	243.4	Sg	23:18:50.300	1.3	T__	m_e		
CLZ	3.63	279.2	Pn	23:17:52.266	1.0	T__	m_e ML	3.5	
CLZ	3.63	279.2	Sg	23:18:49.757	-0.7	T__	m_e		

Event 51120004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/20	07:48:10.16	0.56	0.51	51.4960	16.2310	6.7	4.4	029	1.0f		15	11	212	0.65	3.18	m i ki	BGR	51120004

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.3	7 BGR	51120004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.65	176.5	Pg	07:48:22.652	0.2					T__				m_e ML	2.9
KSP	0.65	176.5	Sg	07:48:30.853	-0.1					T__				m_e	
DPC	1.15	177.1	Pg	07:48:31.511	-0.3					T__				m_e ML	3.9
DPC	1.15	177.1	Sg	07:48:46.325	-0.3					T__				m_e	
BRG	1.56	247.4	Pn	07:48:37.532	-0.8					T__				m_e ML	3.2
BRG	1.56	247.4	Sg	07:48:59.616	-0.2					T__				m_e	
FBE	1.89	253.4	Pn	07:48:42.375	-0.4					T__				m_e ML	3.3
FBE	1.89	253.4	Sg	07:49:10.192	-0.1					T__				m_e	
MORC	1.91	153.7	Pn	07:48:43.153	0.2					T__				m_e	
CLL	2.02	265.9	Pn	07:48:44.061	-0.5					T__				m_e ML	3.5
OJC	2.59	118.2	Pn	07:48:51.437	-0.8					T__				m_e	
TANN	2.61	247.0	Pn	07:48:53.142	0.7					T__				m_e ML	3.5
WERD	2.68	248.5	Pn	07:48:53.937	0.4					T__				m_e	
GEC2	3.11	212.4	Pn	07:49:00.070	0.8					T__				m_e ML	3.7
WET	3.18	223.6	Pn	07:49:00.782	0.6					T__				m_e	

Event 51121003 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2015/11/21	11:52:45.80	0.30	0.11	46.6350	12.4340				10.0f				7	352	4.90	5.74	m i ke	BNS	51121033
2015/11/21	11:52:39.90	0.13	1.41	46.4263	12.8965	3.7	2.4	160	6.0f		174	34	027				m i ke	LDG	51121023
2015/11/21	11:52:37.51	0.17	0.88	46.4496	12.7228	1.9	0.9	020	5.5	3.2	48	13	005				m i uk	ZAMG	51121013
2015/11/21	11:52:41.16	0.55	1.21	46.5220	12.7970	13.3	6.7	175	10.0f		15	13	202	0.67	2.62		m i ke	BGR	51121003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3		BNS	51121033
ML	3.3	0.3	31 LDG	51121023
ML	3.7	0.2	20 ZAMG	51121013
ML	3.4	0.3	10 BGR	51121003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.67	33.8	Pg	11:52:52.701	-1.2					T__				m_e ML	3.1
KBA	0.67	33.8	Sg	11:53:02.825	0.2					T__				m_e	
WTTA	1.09	313.5	Pg	11:52:59.197	-2.5					T__				m_e ML	3.1
OBKA	1.21	90.0	Pn	11:53:01.523	-1.9					T__				m_e ML	3.6

PART	1.50	311.0	Pn	11:53:06.425	-1.0	T__	m_e	ML	3.0
ZUGS	1.53	306.4	Pn	11:53:06.845	-0.9	T__	m_e	ML	3.4
MOA	1.66	36.4	Pn	11:53:11.126	1.6	T__	m_e		
OBER	1.92	298.3	Pn	11:53:13.783	0.6	T__	m_e	ML	3.2
OBER	1.92	298.3	Sg	11:53:42.341	-0.0	T__	m_e		
FUR	1.94	328.4	Pn	11:53:14.333	1.0	T__	m_e	ML	4.0
ARSA	2.00	67.7	Pn	11:53:14.727	0.6	T__	m_e	ML	3.1
DAVA	2.13	292.1	Pn	11:53:17.384	1.4	T__	m_e		
UBR	2.17	303.3	Pn	11:53:17.321	0.9	T__	m_e	ML	3.6
GEC2	2.40	14.4	Pn	11:53:20.253	0.6	T__	m_e	ML	3.6
WET	2.62	1.2	Pn	11:53:22.473	-0.1	T__	m_e		
KOE	5.15	321.2	Pn	11:53:58.600	1.8	---	m_e		
BGG	5.17	317.5	Pn	11:53:58.500	1.4	---	m_e		
HILG	5.54	315.1	Pn	11:54:03.700	1.6	---	m_e		
STB	5.66	318.1	Pn	11:54:05.600	1.8	---	m_e		
STB	5.66	318.1	Sn	11:55:06.000	2.1	---	14.0	0.91	m_e
HOBG	5.73	323.1	Pn	11:54:06.700	2.0	---	m_e		
KLL	5.95	316.3	Pn	11:54:09.200	1.5	---	m_e		
DREG	6.00	316.1	Pn	11:54:10.300	2.0	---	m_e		

Event 51125001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/25	00:41:26.91	0.60	2.25	51.4242	16.1425	5.2	3.5	031	0.0	0.0	31	4	005			m i sr	ZAMG	51125011
2015/11/25	00:41:26.74	0.79	0.65	51.4920	16.1370	11.1	4.4	024	1.0f		12	9	246	0.66	3.14	m i ki	BGR	51125001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.1	4 ZAMG	51125011
ML	3.0	0.2	6 BGR	51125001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.66	171.3	Pg	00:41:39.252	0.1					T__				m_e	
DPC	1.15	174.1	Pg	00:41:48.077	-0.3					T__				m_e	ML 3.3
DPC	1.15	174.1	Sg	00:42:02.636	-0.6					T__				m_e	
BRG	1.51	246.6	Pn	00:41:53.474	-0.7					T__				m_e	ML 2.8
BRG	1.51	246.6	Sg	00:42:15.008	0.4					T__				m_e	
FBE	1.83	253.0	Sg	00:42:24.926	-0.1					T__				m_e	
MORC	1.93	152.0	Pn	00:41:59.809	-0.1					T__				m_e	ML 3.1
CLL	1.96	265.8	Pn	00:41:59.126	-1.2					T__				m_e	ML 2.8
CLL	1.96	265.8	Sg	00:42:29.361	0.2					T__				m_e	
TANN	2.55	246.5	Pn	00:42:08.888	0.6					T__				m_e	ML 3.0
GEC2	3.07	211.5	Pn	00:42:16.662	1.3					T__				m_e	ML 3.0
WET	3.14	222.8	Pn	00:42:16.567	0.3					T__				m_e	

Event 51126014 Ahrweiler, S of Bonn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/26	13:04:39.10	0.08	0.59	50.5273	7.0851	1.5	1.4	011	8.0f		61	8	038			m i ke	LDG	51126054
2015/11/26	13:04:39.20	0.42	0.11	50.5270	7.0990				7.8	1.6		13	125	0.02	0.57	m i ke	BNS	51126044
2015/11/26	13:04:39.00	0.34	0.21	50.5210	7.0920				7.8	1.6		16	085			m i ke	GDNRW	51126034

2015/11/26 13:04:39.05	0.31	0.69	50.5250	7.0950	4.4	3.3	103	5.0f		12	7	107	0.02	1.07	m i ke BGR	51126024
2015/11/26 13:04:39.30	0.16	0.21	50.5310	7.0960	1.7	1.1	034	7.0	2.0	34	20	067	0.02	1.14	m i ke LED	51126014

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.2	0.1	2 LDG	51126054
ML	2.5	0.2	10 LDG	51126054
ML	1.7		BNS	51126044
ML	1.7		GDNRW	51126034
ML	1.9	0.1	5 BGR	51126024
ML	1.8	0.1	13 LED	51126014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	0.02	308.2	Pg	13:04:40.590	0.1					T__				md_	ML 2.1
AHRW	0.02	308.2	Sg	13:04:41.470	0.1					T__				m__	
TDN	0.11	294.5	Pg	13:04:41.760	0.1					T__				md_	
TDN	0.11	294.5	Sg	13:04:43.440	0.2					T__		628.8	0.13	m__	
LAGB	0.17	179.0	Pg	13:04:42.700	-0.0					T__				md_	ML 2.2
LAGB	0.17	179.0	Sg	13:04:44.880	-0.2					T__				m__	
STB	0.17	291.3	Pg	13:04:42.938	0.1					---				mce	
STB	0.17	291.3	Sg	13:04:45.318	0.1					---		159.9	0.18	m_e	
BHE	0.19	163.3	Pg	13:04:43.020	0.0					T__				mc_	
BHE	0.19	163.3	Sg	13:04:45.550	0.0					T__		156.7	0.10	m__	
OCHT	0.25	139.0	Pg	13:04:44.270	0.0					T__				md_	ML 1.7
OCHT	0.25	139.0	Sg	13:04:47.800	0.2					T__				m__	
HILG	0.36	228.2	Pg	13:04:45.985	-0.2					---				mce	
KOE	0.42	104.4	Pg	13:04:47.321	0.1					---				mce	
OLFT	0.43	265.3	Pg	13:04:47.250	-0.3					T__				m__	
OLFT	0.43	265.3	Pg	13:04:47.280	-0.2					---				m_e	
OLFT	0.43	265.3	Sg	13:04:53.450	0.3					---				m_e	
BNS	0.44	6.6	Pg	13:04:47.628	0.0					---				m_e	
HOBG	0.48	18.3	Pg	13:04:48.148	-0.2					---				mce	
GSH	0.50	294.5	Pg	13:04:48.610	-0.2					---				m_e	
GSH	0.50	294.5	Sg	13:04:55.540	0.3					---		51.3	0.27	m_e	
LOH	0.50	225.9	P*	13:04:49.640						T__				m__	
LOH	0.50	225.9	Pg	13:04:48.470	-0.3					T__				md_	
LOH	0.50	225.9	S*	13:04:56.950						T__		51.3	0.17	m__	
LOH	0.50	225.9	Sg	13:04:55.240	-0.0					T__		51.3	0.17	m__	
PLH	0.50	339.8	Pg	13:04:49.410	0.5					---				m__	
PLH	0.50	339.8	Sg	13:04:55.690	0.2					---				m_e	
BIW	0.51	66.7	Pg	13:04:48.370	-0.6					T__				m__	ML 1.7
BIW	0.51	66.7	Sg	13:04:55.120	-0.5					T__				m__	
KLL	0.51	283.4	Pg	13:04:48.680	-0.3					---				mce	
DREG	0.56	283.9	Pg	13:04:49.849	-0.1					---				m_e	
BLI	0.60	240.2	P*	13:04:51.330						T__				m__	ML 1.9
BLI	0.60	240.2	Pg	13:04:49.870	-0.7					---				m_e	
BLI	0.60	240.2	S*	13:05:00.030						T__				m__	
FACH	0.60	106.6	Pg	13:04:50.550	-0.1					T__				m__	ML 1.8
FACH	0.60	106.6	PmP	13:04:52.140	-1.6					T__				m__	
GWBD	0.66	128.7	Pg	13:04:52.680	0.8					---				m__	
GWBD	0.66	128.7	SmS	13:05:03.620	-1.6					---				m__	
MEM	0.69	276.9	P*	13:04:53.280						T__				m__	
ABH	0.71	155.8	P*	13:04:52.990						T__				m__	ML 1.7
ABH	0.71	155.8	Sg	13:05:01.509	-0.5					---				m_e	
ABH	0.71	155.8	SmS	13:05:05.050	-1.4					T__				m__	



ENTS	0.74	15.5	Pg	13:04:53.410	0.2	---	m_e												
ENTS	0.74	15.5	SmS	13:05:05.960	-1.2	T_	m_												
GWBC	0.76	100.1	SmS	13:05:06.230	-1.5	T_	m_	ML	1.8										
RIVT	0.85	194.6	P*	13:04:54.650		T_	m_												
RIVT	0.85	194.6	Sg	13:05:06.563	0.2	---	m_e												
TNS	0.92	109.2	Pg	13:04:56.660	0.1	T_	m_	ML	1.9										
TNS	0.92	109.2	Sg	13:05:07.132	-1.3	---	m_e												
BUG	0.92	6.8	Sg	13:05:09.055	0.6	---	m_e	ML	2.0										
SORT	0.99	33.6	Pg	13:04:57.810	-0.1	---	m_e												
SORT	0.99	33.6	PmP	13:04:58.270	-1.7	T_	m_												
SORT	0.99	33.6	Sg	13:05:10.940	0.2	---	m_e			15.1	0.26								
WLF	1.06	215.3	Pg	13:04:58.410	-0.8	T_	m_	ML	1.7										
WLF	1.06	215.3	Sg	13:05:11.979	-1.0	---	m_e												
WLF	1.06	215.3	SmS	13:05:13.540	-2.6	T_	m_												
IMS	1.07	150.8	Pg	13:04:59.810	0.3	T_	m_	ML	1.6										
IMS	1.07	150.8	Sg	13:05:13.800	0.4	---	m_e												
KAST	1.07	50.6	Pg	13:04:58.426	-1.1	---	m_e	ML	1.8										
KAST	1.07	50.6	Sg	13:05:13.829	0.5	---	m_e												
DUP	1.14	190.2	SmS	13:05:16.350	-2.1	T_	m_	ML	1.9										

Event 51128002 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/11/28	21:29:57.10	0.08	1.14	45.7685	9.7537	2.1	1.7	040	12.0f		214	39	026			m i ke	LDG	51128012
2015/11/28	21:29:58.34	0.57	0.71	45.6750	9.5270	7.8	4.4	035	10.0f		25	13	248	1.38	4.61	m i ke	BGR	51128002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	53 LDG	51128012
ML	3.4	0.2	6 BGR	51128002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	1.38	355.8	Pn	21:30:22.028	-0.9					T_	7.4			m_e	
PLONS	1.38	355.8	Pg	21:30:24.163	-0.2					T_	11.9			m_e	
DAVA	1.63	8.5	Pn	21:30:25.940	-0.4					T_	6.7			m_e	ML 3.1
DAVA	1.63	8.5	Pg	21:30:28.047	-1.1					T_	23.5			m_e	
DAVA	1.63	8.5	Sg	21:30:50.340	0.1					T_	3.0			m_e	
WILA	1.79	346.4	Pn	21:30:28.973	0.5					T_	5.4			m_e	ML 3.5
WILA	1.79	346.4	Pg	21:30:31.454	-0.7					T_	13.8			m_e	
WILA	1.79	346.4	Sg	21:30:55.711	0.4					T_	3.8			m_e	
BALST	2.09	323.4	Pn	21:30:33.521	1.0					T_	4.8			m_e	ML 3.3
BALST	2.09	323.4	Pg	21:30:37.205	-0.5					T_	7.8			m_e	
BALST	2.09	323.4	Sg	21:31:04.759	0.0					T_	4.3			m_e	
SULZ	2.10	332.8	Pn	21:30:33.450	0.8					T_	4.2			m_e	ML 3.6
SULZ	2.10	332.8	Pg	21:30:37.532	-0.3					T_	8.8			m_e	
SULZ	2.10	332.8	Sg	21:31:04.898	-0.1					T_	7.1			m_e	
WTTA	2.16	41.8	Pn	21:30:33.936	0.5					T_	13.5			m_e	
SLE	2.21	341.6	Pn	21:30:33.836	-0.3					T_	19.9			m_e	ML 3.6
SLE	2.21	341.6	Pg	21:30:39.267	-0.7					T_	3.8			m_e	
SLE	2.21	341.6	Sg	21:31:07.996	-0.5					T_	6.1			m_e	
BFO	2.78	343.3	Pn	21:30:42.395	0.5					T_	5.4			m_e	ML 3.3
BFO	2.78	343.3	Pg	21:30:49.394	-1.4					T_	4.4			m_e	
OBKA	3.59	74.8	Pn	21:30:51.246	-1.7					T_	1.8			m_e	

WET	4.15	32.0	Pn	21:31:00.474	-0.0	T__	4.3	m_e
GRA1	4.18	15.3	Pg	21:31:17.608	0.5	T__	3.3	m_e
GEC2	4.26	40.4	Sn	21:31:48.244	0.2	T__	2.8	m_e
TNS	4.61	351.3	Pn	21:31:07.420	0.7	T__	3.3	m_e

Event 51130001 Valkenswaard/NL, S of Eindhoven, Belgian-Dutch border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2015/11/30	05:54:56.60	0.05	0.39	51.3433	5.5670	1.0	0.7	175	4.0f			114	22	163		m i ke	LDG	51130031	
2015/11/30	05:54:56.50	0.35	0.11	51.3630	5.5720				5.1	9.9		10	290	0.44	1.28	m i ke	BNS	51130021	
2015/11/30	05:54:57.30	0.22	0.11	51.3030	5.6250				16.2	2.1		10	262			m i ke	GDNRW	51130011	
2015/11/30	05:54:57.11	0.43	0.65	51.3120	5.6150	4.4	3.3	142	10.0f			13	8	171	0.75	2.10	m i ke	BGR	51130001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.3	24 LDG	51130031
ML	2.2		BNS	51130021
ML	2.0		GDNRW	51130011
ML	2.4	0.2	6 BGR	51130001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
RODG	0.39	115.1	Pg	05:55:04.992	0.3										m_e	
RODG	0.39	115.1	Sg	05:55:11.627	1.8										m_e	
ACN	0.61	151.0	Pg	05:55:08.900	0.1										m_e	
ACN	0.61	151.0	Sg	05:55:16.880	0.1							45.2	0.14		m_e	
XAN	0.61	54.8	Pg	05:55:09.420	0.6										m_e	
XAN	0.61	54.8	Sg	05:55:17.690	0.9										m_e	
MEM	0.75	160.4	Pg	05:55:11.331	0.1					T__	7.6				m_e	
MEM	0.75	160.4	Sg	05:55:21.615	0.6					T__	3.0				m_e	
GSH	0.75	139.9	Pg	05:55:11.480	0.1										m_e	
GSH	0.75	139.9	Sg	05:55:21.170	0.0							45.3	0.15		m_e	
DREG	0.76	148.8	Pg	05:55:11.637	0.2										m_e	
KLL	0.80	146.3	Pg	05:55:12.362	0.1										m_e	
PLH	0.82	111.7	Pg	05:55:12.320	-0.3										m_e	
PLH	0.82	111.7	Sg	05:55:23.200	0.0										m_e	
LAUG	0.83	86.8	Pg	05:55:12.435	-0.4										m_e	
UCC	0.94	237.3	Pg	05:55:14.763	-0.2					T__	3.2				m_e	
UCC	0.94	237.3	Sg	05:55:27.593	0.4					T__	2.8				m_e	
OLFT	0.96	147.9	Pg	05:55:15.000	-0.3										m_e	
OLFT	0.96	147.9	Sg	05:55:27.430	-0.4										m_e	
WTSB	0.98	47.9	Pg	05:55:15.484	-0.2					T__	6.4				m_e ML	2.7
WTSB	0.98	47.9	Sg	05:55:28.805	0.3					T__	3.6				m_e	
BUG	1.04	82.3	Pg	05:55:16.780	-0.0					T__	2.5				m_e ML	2.4
BUG	1.04	82.3	Sg	05:55:31.343	1.1					T__	4.9				m_e	
TDN	1.12	130.8	Pg	05:55:17.730	-0.5										m_e	
TDN	1.12	130.8	Sg	05:55:31.690	-1.0							48.4	0.26		m_e	
ENTS	1.13	92.9	Pg	05:55:17.910	-0.5										m_e	
ENTS	1.13	92.9	Sg	05:55:32.210	-0.8										m_e	
HOBG	1.13	106.3	Sg	05:55:33.977	0.9							103.3	0.89		m_e	
AHRW	1.20	129.4	Sg	05:55:36.534	1.2					T__	2.7				m_e ML	2.1
HILG	1.22	146.2	Pg	05:55:19.834	-0.4										m_e	
LOH	1.27	152.4	Pg	05:55:19.660	-1.5										m_e	
LOH	1.27	152.4	Sg	05:55:35.750	-1.8							30.3	0.16		m_e	

BHE	1.38	133.5	Pg	05:55:21.210	-1.9	---						m_e		
BHE	1.38	133.5	Sg	05:55:37.970	-3.0	---				23.4	0.11	m_e		
SORT	1.47	87.6	Pg	05:55:22.510	-2.4	---						m_e		
SORT	1.47	87.6	Sg	05:55:40.610	-3.4	---				31.2	0.33	m_e		
WLF	1.68	168.1	Sg	05:55:49.557	-1.1	T_		4.5				m_e	ML	2.4
KAST	1.76	92.5	Pg	05:55:29.940	-0.3	T_		3.2				m_e	ML	2.4
KAST	1.76	92.5	Sg	05:55:52.050	-0.9	T_		5.6				m_e		
TNS	2.10	120.2	Sg	05:56:03.535	-0.2	T_		2.7				m_e	ML	2.4

DATA\_TYPE ARRIVAL: REVIEWED IMS1.0

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
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