

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 41201001 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/01	00:26:58.30	0.24	0.26	51.6202	6.8229	4.0	2.2	010	2.0	0.0	13	3	285			m i ke	LDG	41201031
2014/12/01	00:26:58.40	0.38	0.11	51.6060	6.8570				1.6	18.3		4	311	0.26	1.02	m i ki	BNS	41201021
2014/12/01	00:26:58.41	0.48	0.51	51.6340	6.8420	4.4	3.3	161	1.0f		13	7	141	0.33	1.74	m i ki	BGR	41201011
2014/12/01	00:26:57.20		0.19	51.5600	6.8600				4.0	2.0	17	10	206	0.04	0.28	m i ki	BUG	41201001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.7	0.1	2 LDG	41201031
ML	2.0	0.3	3 LDG	41201031
ML	1.2		BNS	41201021
ML	1.7	0.2	4 BGR	41201011
MD	2.0	0.2	6 BUG	41201001
ML	2.0		3 BUG	41201001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZER1	0.04	328.1	Pg	00:26:58.600	0.4					T__				m__	ML	1.7
ZER1	0.04	328.1	Sg	00:26:59.800	0.9					T__		9.9		m__		
ZER3	0.05	345.7	Pg	00:26:58.900	0.5					T__				m__	ML	1.7
ZER3	0.05	345.7	Sg	00:27:00.500	1.2					T__		5.5		m__		
ZERL	0.06	5.6	Pg	00:26:59.100	0.6					T__				m__	ML	1.8
ZERL	0.06	5.6	Sg	00:27:00.800	1.4					T__		5.7		m__		
LAUG	0.22	165.9	Pg	00:27:02.827	1.5					___				m_e		
BAVS	0.22	50.4	Pg	00:27:02.700	1.3					T__				m__	ML	2.0
BAVS	0.22	50.4	Sg	00:27:06.500	2.2					T__		0.9		m__		
BAVN	0.24	42.3	Pg	00:27:03.300	1.5					T__				m__		
BAVN	0.24	42.3	Sg	00:27:07.600	2.7					T__		0.9		m__		
BPFI	0.27	121.6	Pg	00:27:04.000	1.7					T__				m__	ML	1.4
BPFI	0.27	121.6	Sg	00:27:09.400	3.6					T__		0.2		m__		
BULI	0.27	112.8	Pg	00:27:04.100	1.8					T__				m__	ML	1.6
BUG	0.28	114.9	Pg	00:27:04.200	1.7					T__				m__	ML	1.5
BUG	0.28	114.9	Sg	00:27:09.700	3.5					T__		0.2		m__		
BKLB	0.28	115.0	Pg	00:27:04.200	1.6					T__				m__		
BTEZ	0.28	112.9	Pg	00:27:04.300	1.7					T__				m__	ML	1.4
WTSB	0.41	354.7	Pg	00:27:05.203	0.3					___				m_e		
HOBG	0.65	152.6	Pg	00:27:11.765	2.3					___				m_e		
STB	0.97	180.8	Pg	00:27:17.535	2.1					___				m_e		
STB	0.97	180.8	Sg	00:27:31.578	3.7					___		5.9	0.18	m_e		
KLL	0.98	200.9	Pg	00:27:17.641	2.0					___				m_e		
DREG	0.98	203.9	Pg	00:27:17.641	2.0					___				m_e		
HGN	0.99	216.5	Pg	00:27:18.111	2.3					___				m_e	ML	1.9
HGN	0.99	216.5	Sg	00:27:32.144	3.6					___				m_e		
AHRW	1.03	172.3	Pg	00:27:18.670	2.1					___				m_e	ML	1.7
AHRW	1.03	172.3	Sg	00:27:34.390	4.5					___				m_e		
KAST	1.03	109.6	Pg	00:27:18.265	1.5					___				m_e	ML	1.7
KAST	1.03	109.6	Sg	00:27:32.239	2.1					___				m_e		
MEM	1.09	209.6	Pg	00:27:19.537	1.8					___				m_e		
MEM	1.09	209.6	Sg	00:27:34.368	2.5					___				m_e		
TNS	1.67	142.6	Pn	00:27:29.125	2.7					___				m_e		
TNS	1.67	142.6	Sg	00:27:53.721	3.4					___				m_e		

Event 41204003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/04	01:54:17.18	0.35	0.94	50.2440	18.8380	6.7	3.3	004	1.0f		19	11	161	0.60	4.61	m i ki	BGR	41204003

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.4	10 BGR	41204003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.60	227.8	Pg	01:54:29.206	0.7					T__				m_e ML	2.1
OKC	0.60	227.8	Sg	01:54:37.144	0.8					T__				m_e	
OJC	0.61	91.9	Pg	01:54:28.441	-0.3					T__				m_e ML	2.7
OJC	0.61	91.9	Sg	01:54:36.698	-0.0					T__				m_e	
MORC	0.95	241.2	Pg	01:54:35.144	-0.0					T__				m_e ML	3.2
MORC	0.95	241.2	Sg	01:54:48.640	1.1					T__				m_e	
DPC	1.61	274.7	Pn	01:54:46.257	0.3					T__				m_e ML	3.4
DPC	1.61	274.7	Pg	01:54:47.422	-0.1					T__				m_e	
DPC	1.61	274.7	Sg	01:55:08.096	-0.3					T__				m_e	
KSP	1.72	291.3	Pn	01:54:47.551	0.0					T__				m_e ML	2.8
KSP	1.72	291.3	Pg	01:54:49.936	0.3					T__				m_e	
KSP	1.72	291.3	Sg	01:55:12.973	1.0					T__				m_e	
BRG	3.17	283.3	Sg	01:55:57.846	-0.1					T__				m_e ML	2.9
FBE	3.55	283.1	Sg	01:56:10.093	0.2					T__				m_e ML	3.3
GEC2	3.61	249.2	Pg	01:55:23.650	-1.6					T__				m_e ML	3.4
GEC2	3.61	249.2	Sg	01:56:10.395	-1.6					T__				m_e	
CLL	3.84	288.3	Sg	01:56:19.577	0.4					T__				m_e ML	3.5
TANN	4.07	274.9	Sg	01:56:26.348	-0.2					T__				m_e ML	3.6
MOX	4.61	277.8	Sg	01:56:42.605	-1.2					T__				m_e	

Event 41204005 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/04	09:29:36.20	0.03	0.64	46.0207	6.9060	0.8	0.6	113	2.0	0.0	211	37	028			m i ke	LDG	41204025
2014/12/04	09:29:36.00			46.0400	6.9100				3.7							m i uk	SED	41204015
2014/12/04	09:29:36.34	0.58	0.41	46.0530	6.8510	4.4	3.3	149	10.0f		33	13	306	1.41	2.76	m i ke	BGR	41204005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.2	0.0	3 LDG	41204025
ML	3.1	0.4	49 LDG	41204025
ML	2.8		SED	41204015
ML	2.8	0.3	13 BGR	41204005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.41	24.0	Pn	09:30:01.657	0.3					T__				m_e ML	2.8
BALST	1.41	24.0	Pg	09:30:03.123	0.2					T__				m_e	
BALST	1.41	24.0	Sg	09:30:21.733	0.6					T__				m_e	
SULZ	1.71	29.9	Pn	09:30:05.897	0.5					T__				m_e ML	3.0
SULZ	1.71	29.9	Pg	09:30:08.761	0.2					T__				m_e	

SULZ	1.71	29.9	Sg	09:30:31.104	0.4	T__	m_e		
METMA	1.92	29.5	Pg	09:30:12.129	-0.4	T__	m_e ML	2.6	
METMA	1.92	29.5	Sg	09:30:37.364	0.1	T__	m_e		
WILA	1.96	45.2	Pg	09:30:13.338	0.0	T__	m_e ML	3.5	
WILA	1.96	45.2	Sg	09:30:39.182	0.5	T__	m_e		
PLONS	2.00	59.3	Pg	09:30:14.091	-0.1	T__	m_e ML	2.6	
PLONS	2.00	59.3	Sg	09:30:40.279	0.2	T__	m_e		
BERGE	2.03	26.0	Pn	09:30:09.501	-0.3	T__	m_e ML	2.6	
BERGE	2.03	26.0	Pg	09:30:14.291	-0.4	T__	m_e		
BERGE	2.03	26.0	Sg	09:30:41.027	0.1	T__	m_e		
SLE	2.05	32.6	Pn	09:30:09.869	-0.1	T__	m_e ML	3.1	
SLE	2.05	32.6	Pg	09:30:14.427	-0.5	T__	m_e		
SLE	2.05	32.6	Sg	09:30:40.916	-0.5	T__	m_e		
ECH	2.17	5.4	Pn	09:30:12.008	0.3	T__	m_e ML	2.5	
ECH	2.17	5.4	Pg	09:30:17.208	-0.1	T__	m_e		
ECH	2.17	5.4	Sn	09:30:37.188	0.1	T__	m_e		
ECH	2.17	5.4	Sg	09:30:45.664	0.2	T__	m_e		
EMING	2.29	35.7	Pg	09:30:19.019	-0.5	T__	m_e ML	2.8	
EMING	2.29	35.7	Sg	09:30:48.266	-0.9	T__	m_e		
WALHA	2.30	41.6	Pg	09:30:19.155	-0.6	T__	m_e ML	3.0	
WALHA	2.30	41.6	Sg	09:30:49.071	-0.5	T__	m_e		
BFO	2.49	23.3	Pn	09:30:15.417	-0.6	T__	m_e ML	2.7	
BFO	2.49	23.3	Pg	09:30:23.121	-0.2	T__	m_e		
BFO	2.49	23.3	Sg	09:30:54.843	-0.6	T__	m_e		
OBER	2.72	58.9	Pg	09:30:27.950	0.3	T__	m_e ML	2.6	
OBER	2.72	58.9	Sg	09:31:03.147	0.4	T__	m_e		
UBR	2.76	52.7	Pg	09:30:28.432	0.1	T__	m_e ML	3.2	
UBR	2.76	52.7	Sg	09:31:04.756	0.8	T__	m_e		

Event 41204013 Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/04	22:16:27.40	0.07	0.47	47.1586	9.4292	1.4	1.0	091	3.0f		95	22	083			m i ke	LDG	41204033
2014/12/04	22:16:26.00			47.1700	9.4000				2.7							m i uk	SED	41204023
2014/12/04	22:16:27.44	0.23		47.1400	9.4090	3.3	1.1	005	3.1	1.9	59	30	101	0.09	3.79	m i ke	BGR	41204013

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.3	0.0	2 LDG	41204033
ML	2.4	0.3	26 LDG	41204033
ML	2.4		SED	41204023
ML	2.2	0.3	16 BGR	41204013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.09	191.8	Pg	22:16:29.755	0.5					T__				m_e ML	1.5
PLONS	0.09	191.8	Sg	22:16:31.212	0.7					T__				m_e	
DAVA	0.35	65.2	Pg	22:16:33.830	-0.3					T__				m_e ML	2.2
DAVA	0.35	65.2	Sg	22:16:39.883	1.2					T__				m_e	
WILA	0.44	309.1	Pg	22:16:35.981	0.3					T__				m_e ML	2.4
WILA	0.44	309.1	Sg	22:16:42.581	1.2					T__				m_e	
WALHA	0.64	342.6	Pg	22:16:39.686	0.1					T__				m_e ML	2.1
WALHA	0.64	342.6	Sg	22:16:48.914	1.0					T__				m_e	

OBER	0.66	65.7	Pg	22:16:40.436	0.6	T__	m_e	ML	1.6
OBER	0.66	65.7	Sg	22:16:50.093	1.8	T__	m_e		
UBR	0.72	40.9	Pg	22:16:41.472	0.5	T__	m_e	ML	2.4
UBR	0.72	40.9	Sg	22:16:51.911	1.6	T__	m_e		
EMING	0.85	333.5	Pg	22:16:43.214	-0.2	T__	m_e	ML	2.2
EMING	0.85	333.5	Sg	22:16:54.807	0.5	T__	m_e		
SLE	0.88	315.7	Pg	22:16:43.869	-0.2	T__	m_e	ML	2.4
SLE	0.88	315.7	Sg	22:16:55.737	0.3	T__	m_e		
METMA	0.97	306.6	Pg	22:16:45.522	-0.2	T__	m_e	ML	1.9
METMA	0.97	306.6	Sg	22:16:58.443	0.2	T__	m_e		
ZUGS	1.10	74.9	Pg	22:16:49.136	1.0	T__	m_e		
BERGE	1.11	311.8	Pn	22:16:48.133	-1.0	T__	m_e	ML	1.9
BERGE	1.11	311.8	Pg	22:16:48.569	0.3	T__	m_e		
BERGE	1.11	311.8	Sg	22:17:02.659	0.0	T__	m_e		
BALST	1.18	280.2	Pg	22:16:49.869	0.2	T__	m_e	ML	2.3
BALST	1.18	280.2	Sg	22:17:06.102	1.2	T__	m_e		
PART	1.21	72.3	Pg	22:16:50.468	0.2	T__	m_e		
BFO	1.39	329.0	Pn	22:16:52.701	-0.3	T__	m_e	ML	2.0
BFO	1.39	329.0	Pg	22:16:53.622	-0.1	T__	m_e		
BFO	1.39	329.0	Sg	22:17:10.619	-1.1	T__	m_e		
BE1	1.45	57.1	Pg	22:16:54.889	0.2	T__	m_e	ML	2.2
BE1	1.45	57.1	Sg	22:17:15.103	1.7	T__	m_e		
FUR	1.62	50.2	Pg	22:16:57.953	-0.0	T__	m_e	ML	2.5
FUR	1.62	50.2	Sg	22:17:20.314	1.4	T__	m_e		
STU	1.64	355.0	Sg	22:17:19.505	0.1	T__	m_e	ML	2.8
NORI	1.78	26.8	Sg	22:17:24.161	0.2	T__	m_e	ML	2.5
ECH	1.86	306.2	Pn	22:16:58.916	-0.4	T__	m_e		
ECH	1.86	306.2	Pg	22:17:02.401	-0.1	T__	m_e		
ECH	1.86	306.2	Sg	22:17:26.035	-0.4	T__	m_e		
KW1	2.36	64.3	Pg	22:17:11.271	-0.7	T__	m_e		
KW1	2.36	64.3	Sg	22:17:43.153	0.7	T__	m_e		
RJOB	2.37	74.1	Pg	22:17:11.086	-1.0	T__	m_e		
RJOB	2.37	74.1	Sg	22:17:42.815	0.2	T__	m_e		
KBA	2.68	89.9	Pg	22:17:17.349	-0.6	T__	m_e		
KBA	2.68	89.9	Sg	22:17:52.862	0.3	T__	m_e		
GRA1	2.82	24.6	Pg	22:17:21.270	0.7	T__	m_e		
GRA1	2.82	24.6	Sg	22:17:56.974	-0.1	T__	m_e		
ABH	3.01	336.5	Pn	22:17:15.070	0.2	T__	m_e		
ABH	3.01	336.5	Pg	22:17:24.552	0.5	T__	m_e		
ABH	3.01	336.5	Sn	22:17:50.022	1.0	T__	m_e		
ABH	3.01	336.5	Sg	22:18:02.199	-0.7	T__	m_e		
WET	3.06	47.8	Pn	22:17:15.278	-0.4	T__	m_e		
WET	3.06	47.8	Pg	22:17:23.527	-1.6	T__	m_e		
WET	3.06	47.8	Sn	22:17:51.781	1.4	T__	m_e		
WET	3.06	47.8	Sg	22:18:03.982	-0.7	T__	m_e		
ROTZ	3.22	34.2	Sg	22:18:08.749	-0.9	T__	m_e		
GEC2	3.34	57.7	Sg	22:18:11.536	-2.0	T__	m_e		
MOA	3.36	76.0	Pg	22:17:29.557	-1.1	T__	m_e		
MOA	3.36	76.0	Sg	22:18:14.276	0.2	T__	m_e		
WERN	3.71	30.8	Sg	22:18:23.804	-1.4	T__	m_e		
MOX	3.79	21.7	Sg	22:18:26.470	-1.5	T__	m_e		

Event 41205001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/05	09:11:38.20	0.16	1.10	46.5334	12.9618	5.1	2.8	018	7.0f		48	14	074			m i ke	LDG	41205021
2014/12/05	09:11:36.22	0.26	2.01	46.4256	12.8227	2.4	1.0	023	7.5	8.2	32	8	085			m i uk	ZAMG	41205011
2014/12/05	09:11:41.46	0.52	1.12	46.5550	12.8330	8.9	4.4	166	10.0f		23	15	254	0.63	4.17	m i ke	BGR	41205001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.6	10 LDG	41205021
ML	3.1	0.3	12 ZAMG	41205011
ML	2.5	0.4	8 BGR	41205001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.63	33.6	Pg	09:11:51.167	-2.3					T__				m_e	ML 2.1
KBA	0.63	33.6	Sg	09:12:00.944	-0.7					T__				m_e	
WTTA	1.08	311.4	Pg	09:11:58.836	-3.1					T__				m_e	ML 2.7
WTTA	1.08	311.4	Sg	09:12:14.792	-1.2					T__				m_e	
RJOB	1.18	358.8	Pn	09:12:03.744	0.4					T__				m_e	ML 1.8
ZUGS	1.53	304.9	Pn	09:12:07.470	-0.6					T__				m_e	
MOA	1.62	36.4	Pn	09:12:09.972	0.7					T__				m_e	ML 2.3
MOA	1.62	36.4	Sg	09:12:33.182	0.2					T__				m_e	
BE1	1.74	321.7	Pn	09:12:12.356	1.4					T__				m_e	ML 2.8
BE1	1.74	321.7	Sg	09:12:37.892	1.0					T__				m_e	
FUR	1.92	327.3	Pn	09:12:14.477	1.1					T__				m_e	ML 3.1
FUR	1.92	327.3	Sg	09:12:43.487	0.9					T__				m_e	
OBER	1.93	297.1	Pn	09:12:14.117	0.6					T__				m_e	ML 2.6
OBER	1.93	297.1	Sg	09:12:42.932	0.1					T__				m_e	
DAVA	2.15	291.0	Pn	09:12:16.956	0.5					T__				m_e	ML 2.9
DAVA	2.15	291.0	Sg	09:12:49.863	0.2					T__				m_e	
UBR	2.17	302.3	Pn	09:12:16.147	-0.6					T__				m_e	
GEC2	2.36	14.0	Pn	09:12:21.106	1.7					T__				m_e	
GEC2	2.36	14.0	Sg	09:12:56.649	0.0					T__				m_e	
WET	2.59	0.7	Pn	09:12:21.938	-0.5					T__				m_e	
SLE	3.19	293.9	Pn	09:12:29.884	-0.7					T__				m_e	
BFO	3.52	301.9	Pn	09:12:34.806	-0.3					T__				m_e	
MOX	4.17	349.3	Pn	09:12:44.177	0.3					T__				m_e	

Event 41206006 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/06	17:40:41.40	0.06	0.88	44.8919	8.9682	1.4	1.3	043	3.0f		207	41	035			m i ke	LDG	41206016
2014/12/06	17:40:42.43	0.53	0.93	44.9020	8.7850	7.8	5.6	061	10.0f		32	22	277	2.19	6.05	m i ke	BGR	41206006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.4	0.0	3 LDG	41206016
ML	3.7	0.3	59 LDG	41206016
ML	3.8	0.2	15 BGR	41206006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	2.19	10.7	Pn	17:41:19.350	1.4					T__				m_e	ML 3.6

DAVA	2.50	17.3	Pn	17:41:22.874	0.6	T__	m_e	ML	3.8
WILA	2.51	1.9	Pn	17:41:22.788	0.4	T__	m_e	ML	4.2
WILA	2.51	1.9	Sg	17:42:01.756	-0.6	T__	m_e		
BALST	2.55	343.1	Pn	17:41:23.307	0.4	T__	m_e	ML	3.8
BALST	2.55	343.1	Sg	17:42:02.780	-0.7	T__	m_e		
SULZ	2.67	350.2	Pn	17:41:24.635	0.1	T__	m_e	ML	4.1
SULZ	2.67	350.2	Sg	17:42:07.172	-0.1	T__	m_e		
OBER	2.71	22.1	Pn	17:41:25.407	0.3	T__	m_e	ML	3.4
SLE	2.87	356.1	Pn	17:41:26.344	-0.9	T__	m_e	ML	4.1
SLE	2.87	356.1	Sg	17:42:12.729	-1.0	T__	m_e		
UBR	2.93	17.7	Pn	17:41:27.944	-0.0	T__	m_e	ML	4.0
ZUGS	2.94	30.4	Pn	17:41:29.070	0.9	T__	m_e		
WTTA	3.08	38.9	Pn	17:41:30.844	0.8	T__	m_e	ML	3.9
BFO	3.44	355.0	Pn	17:41:34.097	-0.9	T__	m_e	ML	3.7
BFO	3.44	355.0	Sn	17:42:13.866	0.9	T__	m_e		
BE1	3.45	28.3	Pn	17:41:34.783	-0.3	T__	m_e	ML	3.8
BE1	3.45	28.3	Sn	17:42:14.096	1.1	T__	m_e		
FUR	3.68	26.8	Pn	17:41:37.580	-0.7	T__	m_e		
FUR	3.68	26.8	Sn	17:42:18.653	0.0	T__	m_e		
FUR	3.68	26.8	Sg	17:42:38.507	-1.0	T__	m_e		
KBA	3.84	53.9	Pn	17:41:41.560	1.1	T__	m_e		
RJOB	3.96	42.9	Pn	17:41:41.779	-0.3	T__	m_e	ML	3.3
OBKA	4.33	66.2	Pn	17:41:45.811	-1.3	T__	m_e		
MOA	4.79	50.1	Pn	17:41:52.534	-0.8	T__	m_e		
WET	5.08	31.9	Pn	17:41:55.991	-1.1	T__	m_e		
GEC2	5.18	38.7	Pn	17:41:56.848	-1.7	T__	m_e	ML	3.8
GEC2	5.18	38.7	Sn	17:42:53.484	-0.3	T__	m_e		
ROTZ	5.39	24.2	Pn	17:41:59.119	-2.3	T__	m_e		
MANZ	5.56	22.6	Pn	17:42:01.686	-2.0	T__	m_e	ML	3.8
MANZ	5.56	22.6	Sn	17:43:02.300	-0.4	T__	m_e		
MOX	6.05	17.3	Sn	17:43:14.671	0.5	T__	m_e	ML	4.0

Event 41207002 Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/07	08:26:37.70	0.17	0.86	47.1691	9.4180	3.4	2.0	078	3.0f		128	26	104			m i ke	LDG	41207032
2014/12/07	08:26:36.98	0.26	0.88	47.1712	9.3758	1.6	0.8	108	7.2	2.0	37	9	015			m i uk	ZAMG	41207022
2014/12/07	08:26:37.00			47.1600	9.4000				3.6							m i uk	SED	41207012
2014/12/07	08:26:38.06	0.31	0.84	47.1420	9.4350	4.4	2.2	002	5.0f		28	21	117	0.10	3.34	m i ke	BGR	41207002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.3	41 LDG	41207032
ML	2.9	0.3	13 ZAMG	41207022
ML	2.7		SED	41207012
ML	2.6	0.3	11 BGR	41207002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.10	201.6	Pg	08:26:40.166	0.0					T__				m_e	
DAVA	0.34	64.3	Pg	08:26:44.126	-0.3					T__				m_e	ML 2.4
WILA	0.45	307.5	Pg	08:26:46.306	-0.3					T__				m_e	ML 2.7
WILA	0.45	307.5	Sg	08:26:52.919	0.5					T__				m_e	

OBER	0.64	65.2	Pg	08:26:50.388	0.2	T__	m_e	ML	1.9
OBER	0.64	65.2	Sg	08:27:00.413	2.0	T__	m_e		
UBR	0.71	40.0	Pg	08:26:51.624	0.2	T__	m_e	ML	2.6
SLE	0.89	314.8	Pg	08:26:54.269	-0.6	T__	m_e	ML	2.7
SULZ	0.98	293.8	Pn	08:26:56.273	-1.5	T__	m_e	ML	2.8
SULZ	0.98	293.8	Sg	08:27:11.622	2.5	T__	m_e		
ZUGS	1.08	74.8	Pg	08:26:59.103	0.6	T__	m_e		
PART	1.19	72.1	Pg	08:27:00.739	0.2	T__	m_e		
BALST	1.20	280.0	Pg	08:27:00.200	-0.4	T__	m_e	ML	2.6
BALST	1.20	280.0	Sg	08:27:17.344	1.2	T__	m_e		
BFO	1.40	328.4	Pn	08:27:02.960	-0.6	T__	m_e	ML	2.3
BFO	1.40	328.4	Pg	08:27:03.882	-0.6	T__	m_e		
BFO	1.40	328.4	Sg	08:27:22.259	-0.3	T__	m_e		
BE1	1.43	56.8	Pg	08:27:05.019	-0.0	T__	m_e		
WTTA	1.50	84.5	Pg	08:27:06.161	-0.2	T__	m_e	ML	2.5
FUR	1.61	49.8	Pg	08:27:08.344	0.0	T__	m_e	ML	2.6
FUR	1.61	49.8	Sg	08:27:30.527	1.4	T__	m_e		
STU	1.64	354.4	Sg	08:27:29.607	-0.5	T__	m_e	ML	3.1
RJOB	2.35	74.1	Pg	08:27:22.281	-0.1	T__	m_e		
WET	3.05	47.7	Pn	08:27:25.665	-0.2	T__	m_e		
TNS	3.15	348.4	Pn	08:27:26.982	-0.2	T__	m_e		
ROTZ	3.20	34.0	Sg	08:28:18.646	-1.2	T__	m_e		
GEC2	3.32	57.6	Pn	08:27:29.986	0.4	T__	m_e		
MOA	3.34	76.0	Pg	08:27:39.929	-1.1	T__	m_e		

Event 41212001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/12	02:49:59.10	0.22	0.92	51.5292	16.2417	5.6	3.0	012	1.0f		65	18	127			m i sr	LDG	41212011
2014/12/12	02:50:00.54	0.41	0.56	51.5360	16.1760	4.4	2.2	017	1.0f		31	23	200	1.19	3.19	m i ki	BGR	41212001

(#PRIME)

(Three aftershock events at 03:06 UT, 03:20UT and 05:08 UT)

Magnitude	Err	Nsta	Author	OrigID
MD	3.7	0.0	3 LDG	41212011
ML	3.6	0.3	11 LDG	41212011
ML	3.8	0.3	9 BGR	41212001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DPC	1.19	175.5	Pg	02:50:22.385	-0.6					T__	147.9			m_e	ML 3.8
DPC	1.19	175.5	Sg	02:50:37.974	-0.4					T__	6.3			m_e	
PVCC	1.43	225.7	Pn	02:50:26.536	-0.3					T__	8.7			m_e	ML 4.1
PVCC	1.43	225.7	Pg	02:50:27.566	0.1					T__	141.8			m_e	
PVCC	1.43	225.7	Sg	02:50:45.994	0.1					T__	4.0			m_e	
BRG	1.55	245.5	Pn	02:50:27.649	-0.8					T__	3.4			m_e	ML 3.6
BRG	1.55	245.5	Pg	02:50:29.223	-0.5					T__	223.3			m_e	
BRG	1.55	245.5	Sg	02:50:49.880	0.2					T__	7.3			m_e	
RUE	1.75	303.4	Pn	02:50:30.423	-0.8					T__	6.1			m_e	
PRU	1.86	214.4	Pn	02:50:32.077	-0.6					T__	8.6			m_e	
FBE	1.87	251.9	Sg	02:50:59.883	-0.1					T__	4.1			m_e	ML 3.6
MORC	1.96	153.3	Pn	02:50:33.807	-0.3					T__	49.2			m_e	
CLL	1.99	264.7	Pn	02:50:33.649	-0.8					T__	23.3			m_e	ML 3.8

CLL	1.99	264.7	Sg	02:51:03.351	-0.5	T__	4.5	m_e	
OKC	2.11	142.9	Pn	02:50:35.781	-0.3	T__	4.0	m_e	
VRAC	2.24	173.0	Pn	02:50:38.019	0.1	T__	23.4	m_e	
TREC	2.28	191.3	Pn	02:50:38.652	0.2	T__	25.1	m_e ML	3.3
TREC	2.28	191.3	Sg	02:51:12.674	-0.4	T__	4.7	m_e	
KRUC	2.48	176.7	Pn	02:50:41.421	0.3	T__	14.7	m_e	
TANN	2.59	245.8	Pn	02:50:42.909	0.3	T__	16.9	m_e	
WERD	2.67	247.4	Pn	02:50:43.841	0.2	T__	9.8	m_e	
NKC	2.69	242.5	Pn	02:50:44.458	0.5	T__	18.5	m_e	
GUNZ	2.69	245.7	Pn	02:50:44.458	0.5	T__	10.7	m_e	
WERN	2.70	244.0	Pn	02:50:44.687	0.6	T__	22.4	m_e ML	4.1
WERN	2.70	244.0	Sg	02:51:25.617	-0.7	T__	8.1	m_e	
NEUB	2.77	264.9	Sg	02:51:29.138	0.7	T__	5.4	m_e	
MOX	3.00	254.5	Sg	02:51:36.632	0.8	T__	9.0	m_e ML	4.1
MANZ	3.00	240.5	Sg	02:51:37.078	1.1	T__	4.2	m_e ML	4.1
ROTZ	3.08	236.4	Pn	02:50:49.444	0.3	T__	15.5	m_e	
GEC2	3.12	211.4	Pn	02:50:50.894	1.1	T__	15.5	m_e	
WET	3.19	222.6	Pn	02:50:51.127	0.4	T__	12.3	m_e	

Event 41212002 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/12	07:01:26.30	0.11	0.81	44.8147	11.1753	2.7	1.9	072	6.0f		131	26	095			m i ke	LDG	41212012
2014/12/12	07:01:27.70	0.54	2.07	44.8580	11.2220	12.2	10.0	011	10.0f		32	19	263	2.42	5.66	m i ke	BGR	41212002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.2	23 LDG	41212012
ML	3.6	0.1	7 BGR	41212002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	2.42	6.7	Pg	07:02:10.670	-2.7	T__				T__	12.2			m_e ML	3.7
WTTA	2.42	6.7	Sg	07:02:42.519	-2.2	T__				T__	6.5			m_e	
PLONS	2.54	330.4	Sn	07:02:40.362	3.4	T__				T__				m_e	
DAVA	2.60	339.5	Pn	07:02:09.869	1.0	T__				T__	2.3			m_e ML	3.3
DAVA	2.60	339.5	Pg	07:02:13.448	-3.3	T__				T__	3.3			m_e	
DAVA	2.60	339.5	Sn	07:02:42.928	4.5	T__				T__				m_e	
KBA	2.67	32.8	Pg	07:02:17.180	-0.8	T__				T__	5.2			m_e	
OBKA	2.85	53.4	Pn	07:02:12.219	-0.0	T__				T__	2.7			m_e	
OBKA	2.85	53.4	Pg	07:02:20.084	-1.4	T__				T__	4.4			m_e	
UBR	2.93	345.1	Pg	07:02:21.028	-1.8	T__				T__	4.6			m_e ML	3.6
UBR	2.93	345.1	Sn	07:02:49.554	3.5	T__				T__				m_e	
UBR	2.93	345.1	Sg	07:03:03.208	2.5	T__				T__	1.8			m_e	
RJOB	3.08	20.1	Pn	07:02:16.035	0.7	T__				T__	1.6			m_e	
RJOB	3.08	20.1	Pg	07:02:24.862	-0.9	T__				T__	4.0			m_e	
SULZ	3.43	322.2	Sg	07:03:13.477	-3.2	T__				T__	3.0			m_e ML	3.8
SLE	3.47	328.0	Pn	07:02:21.015	0.4	T__				T__	1.2			m_e	
SLE	3.47	328.0	Pg	07:02:30.302	-2.7	T__				T__	2.8			m_e	
BALST	3.48	316.6	Sg	07:03:16.035	-2.3	T__				T__	3.0			m_e ML	3.6
MOA	3.65	34.0	Pn	07:02:23.900	0.8	T__				T__	2.0			m_e	
BFO	4.00	331.3	Sn	07:03:11.435	0.1	T__				T__				m_e	
GEC2	4.33	22.1	Pn	07:02:31.591	-0.7	T__				T__	1.2			m_e	

GEC2	4.33	22.1	Sn	07:03:20.946	1.8	T__											m_e
GEC2	4.33	22.1	Sg	07:03:45.509	0.2	T__	2.4										m_e
WET	4.43	14.2	Pn	07:02:32.977	-0.7	T__	1.6										m_e ML 3.5
WET	4.43	14.2	Sn	07:03:23.488	2.0	T__											m_e
WET	4.43	14.2	Sg	07:03:46.588	-1.9	T__	1.6										m_e
GRA1	4.83	360.0	Sg	07:04:03.131	1.8	T__	2.3										m_e
ROTZ	4.95	7.4	Sn	07:03:34.155	0.4	T__											m_e ML 3.6
ROTZ	4.95	7.4	Sg	07:04:03.224	-1.9	T__	2.8										m_e
GUNZ	5.56	7.3	Sg	07:04:23.703	-0.5	T__	2.7										m_e
TANN	5.62	8.1	Sg	07:04:25.057	-1.2	T__	2.9										m_e
PLN	5.66	6.0	Sg	07:04:26.960	-0.6	T__	1.8										m_e

Event 41215001 Weinfeld, Kreuzlingen/CH (Thurgau)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/15	06:58:18.20	0.07	0.92	47.5721	9.1553	1.5	1.3	056	25.0	0.0	216	32	032			m i ke	LDG	41215031
2014/12/15	06:58:17.00			47.5100	9.1500				25.3							m i uk	SED	41215021
2014/12/15	06:58:18.49	0.19		47.5600	9.1430	4.4	2.2	011	19.9	2.6	32	18	065	0.22	3.30	m i ke	BGR	41215011
2014/12/15	06:58:18.48	0.11	0.19	47.5250	9.1450	1.4	1.0	034	24.0	2.0	57	25	101	0.19	3.32	m i ke	LED	41215001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.1	0.0	2 LDG	41215031
ML	3.1	0.4	37 LDG	41215031
ML	3.3		SED	41215021
ML	3.0	0.3	18 BGR	41215011
ML	3.2	0.3	37 LED	41215001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WILA	0.19	235.6	Pg	06:58:23.910	-0.0					T__				mci ML	3.3
WILA	0.19	235.6	Sg	06:58:28.170	0.5					T__				m__	
SISB	0.20	323.0	Pg	06:58:24.020	-0.0					T__				md ML	3.4
SISB	0.20	323.0	Sg	06:58:28.340	0.5					T__				m__	
WALHA	0.23	356.3	Pg	06:58:24.220	-0.2					T__				md ML	3.3
WALHA	0.23	356.3	Sg	06:58:28.750	0.3					T__				m__	
LIENZ	0.33	134.0	Pg	06:58:25.910	0.0					T__				md ML	3.3
LIENZ	0.33	134.0	Sg	06:58:31.590	0.6					T__				m__	
EMING	0.42	331.6	Pg	06:58:27.240	-0.2					T__				md ML	3.4
EMING	0.42	331.6	Sg	06:58:33.570	0.1					T__				m__	
SLE	0.50	299.0	Pg	06:58:28.550	-0.2					T__				mc ML	3.6
SLE	0.50	299.0	Sg	06:58:35.690	-0.1					T__				m__	
PLONS	0.50	161.3	Pg	06:58:28.536	-0.2					___				m_e ML	2.4
PLONS	0.50	161.3	Sg	06:58:36.009	0.2					___				m_e	
GUT	0.55	357.9	Pg	06:58:29.230	-0.3					T__				md ML	3.6
GUT	0.55	357.9	PmP	06:58:29.580	-0.9					T__				m__	
GUT	0.55	357.9	Sg	06:58:37.100	-0.0					T__				m__	
DAVA	0.55	115.3	Pg	06:58:29.460	-0.2					T__				mc ML	3.2
DAVA	0.55	115.3	PmP	06:58:30.340	-0.2					___				m__	
DAVA	0.55	115.3	Sg	06:58:37.840	0.5					T__				m__	
DAVA	0.55	115.3	SmS	06:58:39.300	0.5					___				m__	
METMA	0.63	287.6	Pg	06:58:30.580	-0.5					T__				mc ML	3.5
METMA	0.63	287.6	Sg	06:58:39.340	-0.3					T__				m__	

UBR	0.67	76.2	Pg	06:58:31.550	-0.2	T__	mc__ML	3.2
UBR	0.67	76.2	Sg	06:58:41.230	0.5	T__	m__	
SULZ	0.70	270.7	Pg	06:58:31.720	-0.5	T__	mc__ML	3.1
SULZ	0.70	270.7	Sg	06:58:41.551	-0.1	__	m_e	
SULZ	0.70	270.7	SmS	06:58:42.210	-0.7	T__	m__	
BERGE	0.74	298.4	Pn	06:58:32.140	-0.6	T__	mc__ML	3.8
BERGE	0.74	298.4	Pg	06:58:32.620	-0.3	__	m__	
BERGE	0.74	298.4	Sg	06:58:42.600	-0.3	T__	m__	
OBER	0.79	98.2	Pg	06:58:33.510	-0.3	T__	mc__ML	2.9
OBER	0.79	98.2	Sg	06:58:44.670	0.3	T__	m__	
FELD	0.84	295.0	Pn	06:58:33.690	-0.5	T__	m__ML	3.7
FELD	0.84	295.0	Pg	06:58:34.480	-0.4	T__	m__	
FELD	0.84	295.0	Sn	06:58:44.330	-0.9	T__	m__	
FELD	0.84	295.0	Sg	06:58:45.690	-0.5	T__	m__	
KIZ	0.93	298.0	Pn	06:58:34.970	-0.4	T__	m__ML	3.5
KIZ	0.93	298.0	Pg	06:58:35.940	-0.5	T__	m__	
KIZ	0.93	298.0	Sn	06:58:45.680	-1.6	__	m__	
KIZ	0.93	298.0	Sg	06:58:48.050	-0.8	T__	m__	
BUCH	0.94	8.5	Pn	06:58:34.540	-0.9	T__	md__ML	3.3
BUCH	0.94	8.5	Pg	06:58:35.880	-0.7	T__	m__	
BUCH	0.94	8.5	Sg	06:58:48.520	-0.4	T__	m__	
END	0.97	281.8	Pn	06:58:35.230	-0.6	T__	mc__ML	3.6
END	0.97	281.8	Pg	06:58:36.500	-0.7	T__	m__	
END	0.97	281.8	Sn	06:58:46.880	-1.3	T__	m__	
END	0.97	281.8	Sg	06:58:49.140	-0.8	T__	m__	
BFO	0.97	326.1	Pn	06:58:35.260	-0.7	T__	md__ML	3.1
BFO	0.97	326.1	Pg	06:58:36.470	-0.8	T__	m__	
BFO	0.97	326.1	Sg	06:58:49.300	-0.8	T__	m__	
FBB	0.99	299.2	Sn	06:58:47.410	-1.3	__	m__	
FBB	0.99	299.2	Sg	06:58:49.900	-0.8	T__	m__	
TUBL	1.00	357.6	Pg	06:58:36.570	-1.2	__	m__ML	3.0
TUBL	1.00	357.6	Sn	06:58:47.280	-1.6	__	m__	
TUBL	1.00	357.6	Sg	06:58:49.870	-1.1	T__	m__	
BALST	1.00	259.6	Pn	06:58:35.904	-0.4	__	m_e ML	3.0
BALST	1.00	259.6	Sg	06:58:50.483	-0.5	__	m_e	
RETA	1.09	91.4	Pg	06:58:38.470	-1.0	T__	m__	
RETA	1.09	91.4	Sg	06:58:53.620	-0.3	T__	m__	
LBG	1.16	348.5	Pn	06:58:37.710	-0.8	T__	m__ML	3.0
LBG	1.16	348.5	Pg	06:58:39.520	-1.2	T__	m__	
LBG	1.16	348.5	Sg	06:58:54.830	-1.2	__	m__	
OPP	1.16	327.0	Pn	06:58:37.970	-0.5	T__	m__ML	2.9
OPP	1.16	327.0	Sn	06:58:51.760	-1.0	__	m__	
OPP	1.16	327.0	Sg	06:58:54.690	-1.4	T__	m__	
ZUGS	1.24	94.3	Pn	06:58:41.184	1.6	__	m_e ML	2.6
ZUGS	1.24	94.3	Sg	06:58:58.339	-0.3	__	m_e	
STU	1.25	1.5	Pn	06:58:38.630	-1.0	__	m__ML	3.2
STU	1.25	1.5	Sg	06:58:57.800	-0.9	__	m__	
HDH	1.28	33.4	Pn	06:58:38.530	-1.5	T__	md__ML	3.3
HDH	1.28	33.4	Pg	06:58:41.620	-1.2	T__	m__	
HDH	1.28	33.4	Sg	06:58:58.020	-1.5	T__	m__	
BOURR	1.30	265.0	Pn	06:58:40.070	-0.3	T__	mc__ML	2.9
BOURR	1.30	265.0	Pg	06:58:42.510	-0.8	T__	m__	
BOURR	1.30	265.0	Sg	06:58:59.860	-0.5	__	m__	
PART	1.33	90.5	Pn	06:58:42.663	1.9	__	m_e ML	2.7

PART	1.33	90.5	Sg	06:59:00.335	-1.0	---	m_e	
MOF	1.39	284.3	Pn	06:58:41.250	-0.4	---	m_	
BE1	1.45	73.8	Pn	06:58:44.864	2.5	---	m_e ML	2.7
WLS	1.49	307.2	Pn	06:58:42.830	-0.1	---	m_	
ECH	1.50	298.2	Pn	06:58:42.620	-0.5	---	m_	
BRET	1.52	348.6	Pn	06:58:42.850	-0.5	---	md ML	3.0
NORI	1.55	39.0	Pn	06:58:44.818	1.1	---	m_e ML	3.1
NORI	1.55	39.0	Sg	06:59:06.414	-1.8	---	m_e	
FUR	1.57	65.2	Sg	06:59:07.540	-1.1	---	m_e	
PEB	1.81	328.9	Pn	06:58:46.380	-0.9	---	m ML	3.0
PEB	1.81	328.9	Pg	06:58:53.650	0.8	---	m_	
PEB	1.81	328.9	Sn	06:59:07.010	-1.0	---	m_	
SIND	1.85	9.3	Pn	06:58:46.190	-1.6	---	m ML	3.4
SIND	1.85	9.3	Pg	06:58:52.240	-1.3	---	m_	
SWS	1.98	351.6	Pn	06:58:48.850	-0.7	---	m ML	3.0
SWS	1.98	351.6	Pg	06:58:56.480	0.4	---	m_	
TOD	2.09	353.9	Pn	06:58:50.240	-0.9	---	m_	
GRC1	2.16	46.2	Pn	06:58:50.530	-1.5	---	m ML	3.3
IMS	2.23	338.8	Pn	06:58:52.680	-0.2	---	m ML	2.7
WBB	2.34	352.3	Pn	06:58:53.820	-0.6	---	m ML	2.7
GRA1	2.57	31.6	Sn	06:59:25.609	-0.1	---	m_e ML	3.3
ABH	2.58	336.5	Pn	06:58:58.070	0.3	---	mC ML	2.6
ABH	2.58	336.5	Pg	06:59:07.100	-0.2	---	m_	
ABH	2.58	336.5	Sg	06:59:39.900	-0.9	---	m_	
WBG	2.65	2.8	Pn	06:58:57.610	-1.0	---	m ML	2.8
RIVT	2.69	325.1	Pg	06:59:00.210	-9.1	---	m ML	2.9
RIVT	2.69	325.1	Sn	06:59:28.880	0.2	---	m_	
TNS	2.74	350.6	Pn	06:58:59.540	-0.3	---	m ML	2.7
WLF	2.91	318.3	Pg	06:59:04.000	-9.5	---	m ML	2.9
GWBC	2.92	349.0	Pn	06:59:02.620	0.2	---	m ML	2.5
FACH	2.93	345.5	Pn	06:59:02.380	-0.1	---	m ML	2.7
WET	2.96	55.5	Pn	06:59:02.317	-0.6	---	m_e ML	3.3
WET	2.96	55.5	Sn	06:59:34.619	-0.4	---	m_e	
MANZ	3.14	37.3	Sn	06:59:39.057	-0.2	---	m_e ML	3.2
AHRW	3.31	336.6	Pn	06:59:08.270	0.7	---	m ML	2.8
GEC2	3.31	64.8	Pn	06:59:07.822	0.2	---	m_e ML	3.2
BIW	3.32	345.5	Pn	06:59:07.570	-0.1	---	m ML	2.7

Event 41216004 Klingenthal, Kraslice/CR, Erzgebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/16	21:58:30.32	0.21		50.2470	12.4460	2.2	2.2	103	9.2	1.9	29	17	093	0.01	1.62	m i ke	BGR	41216014

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	6 BGR	41216014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NKC	0.01	175.0	Pg	21:58:31.959	0.1					T_				m_e	
NKC	0.01	175.0	Sg	21:58:32.821	-0.2					T_				m_e	
WERN	0.06	312.1	Pg	21:58:32.517	0.3					T_				m_e	
WERN	0.06	312.1	Sg	21:58:33.700	0.1					T_				m_e	
ROHR	0.08	261.5	Pg	21:58:32.838	0.3					T_				m_e	

ROHR	0.08	261.5	Sg	21:58:34.199	0.1	T__	m_e		
GUNZ	0.14	327.9	Pg	21:58:33.675	0.3	T__	m_e		
GUNZ	0.14	327.9	Sg	21:58:35.610	0.2	T__	m_e		
MULD	0.17	350.8	Sg	21:58:36.259	0.0	T__	m_e		
TANN	0.17	3.4	Sg	21:58:36.112	-0.2	T__	m_e		
TRIB	0.22	298.1	Pg	21:58:34.589	-0.2	T__	m_e		
TRIB	0.22	298.1	Sg	21:58:38.239	0.3	T__	m_e		
PLN	0.30	322.4	Pg	21:58:36.665	0.5	T__	m_e		
PLN	0.30	322.4	Sg	21:58:40.543	0.3	T__	m_e		
MANZ	0.34	219.8	Pg	21:58:37.298	0.4	T__	m_e		
MANZ	0.34	219.8	Sg	21:58:41.975	0.6	T__	m_e		
SCHF	0.43	356.4	Sg	21:58:44.568	0.3	T__	m_e	ML	2.0
ROTZ	0.50	197.8	Pg	21:58:40.366	0.4	T__	m_e		
MOX	0.66	307.3	Pg	21:58:43.385	0.5	T__	m_e	ML	1.4
FBE	0.89	40.2	Pg	21:58:47.480	0.4	T__	m_e		
GRA1	0.96	235.3	Pg	21:58:49.213	0.7	T__	m_e	ML	2.3
GRA1	0.96	235.3	Sg	21:59:00.943	-0.1	T__	m_e		
CLL	1.12	18.1	Pg	21:58:51.738	0.3	T__	m_e	ML	2.1
CLL	1.12	18.1	Sg	21:59:06.442	0.5	T__	m_e		
WET	1.14	165.6	Pg	21:58:52.084	0.3	T__	m_e	ML	2.1
BRG	1.14	56.1	Pg	21:58:52.187	0.4	T__	m_e	ML	2.2
BRG	1.14	56.1	Sg	21:59:07.209	0.6	T__	m_e		
GEC2	1.62	149.4	Pn	21:58:57.827	-0.5	T__	m_e		
GEC2	1.62	149.4	Sn	21:59:17.976	-0.2	T__	m_e		
GEC2	1.62	149.4	Sg	21:59:21.639	-0.3	T__	m_e		

Event 41216007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/16	23:20:56.10	0.32	0.98	51.7311	16.3213	8.2	2.8	009	1.0f		34	10	222			m i sr	LDG	41216017
2014/12/16	23:21:01.20	0.47	0.86	51.4570	16.1410	6.7	2.2	018	1.0f		26	15	210	0.62	3.59	m i ki	BGR	41216007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.2	7 LDG	41216017
ML	3.4	0.3	15 BGR	41216007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.62	171.1	Pg	23:21:12.806	-0.1					T__				m_e	ML 2.6
KSP	0.62	171.1	Sg	23:21:21.588	0.7					T__				m_e	
DPC	1.11	174.0	Pg	23:21:21.696	-0.5					T__				m_e	ML 3.6
DPC	1.11	174.0	Sg	23:21:37.667	1.1					T__				m_e	
BRG	1.50	247.9	Pn	23:21:27.672	-0.8					T__				m_e	ML 3.2
BRG	1.50	247.9	Sg	23:21:49.208	0.5					T__				m_e	
FBE	1.83	254.0	Pn	23:21:34.611	1.7					T__				m_e	ML 3.1
FBE	1.83	254.0	Sg	23:21:58.767	-0.5					T__				m_e	
MORC	1.90	151.6	Pn	23:21:33.377	-0.5					T__				m_e	ML 3.6
MORC	1.90	151.6	Sg	23:22:01.868	0.3					T__				m_e	
CLL	1.96	266.9	Pn	23:21:33.557	-1.2					T__				m_e	ML 3.2
CLL	1.96	266.9	Sg	23:22:03.430	-0.2					T__				m_e	
OKC	2.06	141.1	Pn	23:21:35.107	-1.0					T__				m_e	ML 2.8
OKC	2.06	141.1	Sg	23:22:05.050	-1.6					T__				m_e	

TANN	2.54	247.2	Pn	23:21:42.741	0.1	T__	m_e	ML	3.6
TANN	2.54	247.2	Sg	23:22:20.781	-1.2	T__	m_e		
OJC	2.62	116.8	Sg	23:22:24.671	0.2	T__	m_e	ML	3.4
MANZ	2.95	241.6	Pn	23:21:48.095	0.0	T__	m_e	ML	3.6
MANZ	2.95	241.6	Sg	23:22:34.482	-0.3	T__	m_e		
MOX	2.96	255.8	Pn	23:21:49.549	1.3	T__	m_e	ML	3.8
MOX	2.96	255.8	Sg	23:22:35.373	0.2	T__	m_e		
ROTZ	3.01	237.4	Pn	23:21:49.129	0.1	T__	m_e	ML	3.4
GEC2	3.04	211.8	Pn	23:21:50.673	1.3	T__	m_e	ML	3.5
WET	3.11	223.3	Pn	23:21:50.233	-0.1	T__	m_e	ML	3.5
GRA1	3.59	242.5	Pn	23:21:57.864	1.1	T__	m_e	ML	3.9
GRA1	3.59	242.5	Sg	23:22:55.601	0.5	T__	m_e		

Event 41217008 St. Croix/Ch, Pontarlier/F, French-Swiss border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/17	23:04:25.90	0.30	0.11	46.6610	7.0780				28.0f			5	326	1.87	4.04	m i ke	BNS	41217038
2014/12/17	23:04:26.90			46.7538	6.7908				29.0f		137	38	018			m i ke	LDG	41217028
2014/12/17	23:04:26.00			46.7900	6.7800				29.2							m i uk	SED	41217018
2014/12/17	23:04:26.80	0.61	1.74	46.8100	6.6510	17.8	12.2	001	25.0f		31	19	279	0.88	4.19	m i ke	BGR	41217008

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		BNS	41217038
ML	2.8		LDG	41217028
ML	3.1		SED	41217018
ML	3.0	0.3	6 BGR	41217008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	0.88	53.1	Pg	23:04:41.803	-2.2					T__				m_e	
BALST	0.88	53.1	Sg	23:04:53.832	-2.0					T__				m_e	
SULZ	1.23	53.6	Pg	23:04:45.965	-4.3					T__				m_e	
SULZ	1.23	53.6	Sg	23:05:03.815	-2.6					T__				m_e	
METMA	1.41	49.7	Pn	23:04:48.307	-1.8					T__				m_e	
METMA	1.41	49.7	Pg	23:04:51.830	-1.9					T__				m_e	
ECH	1.45	13.5	Pn	23:04:50.038	-0.5					T__				m_e	ML 2.6
BERGE	1.48	43.7	Pn	23:04:49.297	-1.7					T__				m_e	
BERGE	1.48	43.7	Pg	23:04:53.208	-1.8					T__				m_e	
BERGE	1.48	43.7	Sg	23:05:11.489	-2.9					T__				m_e	
SLE	1.57	51.9	Pn	23:04:50.448	-1.8					T__				m_e	ML 3.1
SLE	1.57	51.9	Pg	23:04:54.970	-1.8					T__				m_e	
SLE	1.57	51.9	Sg	23:05:13.348	-3.9					T__				m_e	
WILA	1.65	67.7	Pn	23:04:52.234	-1.1					T__				m_e	ML 3.3
WILA	1.65	67.7	Pg	23:04:56.119	-2.1					T__				m_e	
EMING	1.84	53.1	Pn	23:04:54.263	-1.6					T__				m_e	
EMING	1.84	53.1	Pg	23:05:00.354	-1.4					T__				m_e	
PLONS	1.88	81.7	Pn	23:04:55.892	-0.5					T__				m_e	
PLONS	1.88	81.7	Sg	23:05:22.604	-4.3					T__				m_e	
BFO	1.90	36.1	Pn	23:04:54.811	-1.8					T__				m_e	ML 2.8
BFO	1.90	36.1	Pg	23:05:01.126	-1.6					T__				m_e	
BFO	1.90	36.1	Sn	23:05:16.800	-1.3					T__		245.4	0.66	m_e	
WALHA	1.92	59.8	Pn	23:04:56.384	-0.6					T__				m_e	

WALHA	1.92	59.8	Pg	23:05:01.476	-1.8	T__	m_e		
DAVA	2.25	76.6	Pg	23:05:07.218	-2.2	T__	m_e ML	2.9	
UBR	2.50	68.4	Pg	23:05:12.204	-2.0	T__	m_e ML	3.3	
OBER	2.55	75.1	Pg	23:05:12.589	-2.4	T__	m_e		
RIVT	2.90	1.5	Pn	23:05:11.134	0.9	T__	m_e		
ABH	3.13	10.6	Pn	23:05:13.763	0.4	T__	m_e		
NORI	3.28	53.0	Pg	23:05:27.302	-1.5	T__	m_e		
BGG	3.43	7.4	Pn	23:05:18.300	0.9	---	m_e		
HILG	3.48	0.3	Pn	23:05:19.300	1.2	---	m_e		
TNS	3.61	18.6	Pn	23:05:19.716	-0.2	T__	m_e		
KLL	3.84	356.8	Pn	23:05:24.300	1.3	---	m_e		
DREG	3.86	356.1	Pn	23:05:24.800	1.5	---	m_e		
GRA1	4.19	44.9	Pg	23:05:44.420	-1.5	T__	m_e		

Event 41219002 Cloppenburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/19	04:12:32.10	0.10	0.64	52.8738	8.1513	3.0	1.7	136	5.0f		44	9	075			m i ke	LDG	41219042
2014/12/19	04:12:30.00			52.7880	8.2420				3.5							m i ki	KNMI	41219032
2014/12/19	04:12:32.20	0.31	0.11	52.8770	8.3140				5.0f			5	347	1.74	2.56	m i ki	BNS	41219022
2014/12/19	04:12:31.80		0.64	52.8100	8.2400				1.0	1.0	32	20	104	0.33	4.68	m i ki	BUG	41219012
2014/12/19	04:12:31.16	0.21		52.8410	8.1960	2.2	2.2	026	5.1	1.3	28	20	067	0.02	1.92	m i ki	BGR	41219002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.2	7 LDG	41219042
ML	3.1		KNMI	41219032
ML	2.7		BNS	41219022
MD	3.3	0.3	12 BUG	41219012
ML	3.4	0.2	14 BUG	41219012
ML	3.1	0.3	11 BGR	41219002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HE01	0.02	305.5	Pg	04:12:32.042	-0.1					T__				m_e	
HE01	0.02	305.5	Sg	04:12:33.738	1.0					T__				m_e	
FAHL	0.07	339.2	Pg	04:12:33.061	0.3					T__				m_e	
FAHL	0.07	339.2	Sg	04:12:35.070	1.2					T__				m_e	
SEVE	0.09	241.2	Pg	04:12:33.135	0.1					T__				m_e	
SEVE	0.09	241.2	Sg	04:12:35.844	1.6					T__				m_e	
SK01	0.11	123.6	Pg	04:12:33.646	0.3					T__				m_e	
SK01	0.11	123.6	Sg	04:12:36.480	1.6					T__				m_e	
RAST	0.30	283.5	Pg	04:12:38.094	1.3					T__				m_e ML	3.6
RAST	0.30	283.5	Sg	04:12:44.211	3.5					T__				m_e	
SYKE	0.41	84.5	Pg	04:12:40.171	1.2					T__				m_e	
SYKE	0.41	84.5	Sg	04:12:48.865	4.5					---				m_e	
IGAD	0.51	35.3	Pg	04:12:42.337	1.5					T__				m_e ML	3.4
IGAD	0.51	35.3	Sg	04:12:46.400	-1.1					---		3.6		m_	
IBBE	0.59	204.4	Pg	04:12:42.900	0.5					---				m_ ML	3.1
IBBE	0.59	204.4	Sg	04:12:52.700	2.6					---		2.1		m_	
IBBN	0.60	206.6	Pg	04:12:42.976	0.5					T__				m_e ML	2.8
IBBN	0.60	206.6	Sg	04:12:53.652	3.5					T__				m_e	
IBBS	0.62	206.2	Pg	04:12:43.200	0.3					---				m_ ML	3.0

IBBS	0.62	206.2	Sg	04:12:53.400	2.5	---	1.6	m_												
RETHO	0.71	98.6	Pg	04:12:46.198	1.6	T_		m_e	ML	3.3										
BKSB	0.74	77.6	Pg	04:12:46.721	1.5	T_		m_e	ML	3.6										
BKSB	0.74	77.6	Sg	04:13:00.559	5.8	---		m_e												
GOLD	0.75	83.3	Pg	04:12:46.341	1.1	T_		m_e	ML	3.3										
GOLD	0.75	83.3	Sg	04:12:59.688	4.8	---		m_e												
NRDL	1.21	105.9	Pg	04:12:54.565	0.6	T_		m_e	ML	2.4										
NRDL	1.21	105.9	Sg	04:13:12.100	2.5	---	0.4	m_												
HMES	1.22	193.8	Pg	04:12:55.700	1.6	---		m_	ML	3.0										
HMES	1.22	193.8	Sg	04:13:11.600	1.7	---	0.6	m_												
WTSB	1.22	224.8	Pg	04:12:53.601	-0.6	T_		m_e												
BAVN	1.28	211.2	Pg	04:12:57.000	1.6	---		m_	ML	3.2										
HAM3	1.29	55.1	Sg	04:13:13.610	1.5	T_		m_e	ML	3.4										
HLG	1.36	352.3	Sg	04:13:15.138	0.9	T_		m_e	ML	3.2										
BULI	1.50	202.9	Pn	04:12:59.700	1.7	---		m_	ML	3.0										
BULI	1.50	202.9	Sn	04:13:19.600	2.6	---	0.5	m_												
BTEZ	1.50	202.4	Pn	04:12:59.600	1.6	---		m_	ML	2.8										
BUG	1.51	202.5	Pn	04:12:59.700	1.6	---		m_	ML	3.0										
BUG	1.51	202.5	Sn	04:13:21.300	4.1	---	0.5	m_												
BKLB	1.51	202.5	Pn	04:12:59.700	1.6	---		m_												
BPFI	1.54	203.1	Pn	04:13:00.300	1.8	---		m_	ML	2.8										
BPFI	1.54	203.1	Sn	04:13:21.800	3.8	---	0.3	m_												
KAST	1.64	175.2	Pn	04:13:02.500	2.6	---		m_	ML	2.8										
KAST	1.64	175.2	Sn	04:13:24.400	4.0	---	0.3	m_												
BRH3	1.66	217.5	Pn	04:13:02.700	2.6	---		m_												
CLZ	1.66	126.1	Pn	04:13:00.269	0.1	T_		m_e	ML	2.8										
CLZ	1.66	126.1	Sn	04:13:20.426	-0.4	T_		m_e												
BSEG	1.67	48.3	Pn	04:12:59.603	-0.7	T_		m_e	ML	2.9										
BSEG	1.67	48.3	Sn	04:13:21.177	0.2	T_		m_e												
LAUG	1.68	207.8	Pg	04:13:04.327	1.6	---		m_e												
GTTG	1.69	139.4	Pn	04:13:00.740	0.2	---		m_e	ML	3.0										
GOR2	1.88	81.9	Pg	04:13:06.836	0.2	T_		m_e												
FLT1	1.92	104.2	Pn	04:13:03.048	-0.6	T_		m_e												
HOBG	1.93	196.3	Pg	04:13:08.848	1.3	---		m_e												
HOBG	1.93	196.3	Sg	04:13:30.268	-2.3	---	108.4	0.95	m_e											
STB	2.40	201.0	Pn	04:13:10.200	0.0	---		m_e												
AHRW	2.40	197.2	Pn	04:13:10.300	0.1	---		m_	ML	3.2										
KLL	2.49	208.7	Pg	04:13:18.650	0.6	---		m_e												
DREG	2.49	209.9	Pg	04:13:18.920	0.8	---		m_e												
HGN	2.50	214.9	Pn	04:13:12.200	0.6	---		m_	ML	3.2										
TNS	2.62	176.5	Pn	04:13:15.000	1.8	---		m_	ML	3.2										
CLL	3.33	115.5	Pn	04:13:24.800	2.1	---		m_	ML	3.4										
WET	4.73	139.6	Pn	04:13:44.800	3.1	---		m_												

Event 41221005 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2014/12/21	12:01:54.60	0.37	0.84	51.3177	15.9214	9.1	3.7	014	1.0f		49	9	183				m i sr	LDG	41221025
2014/12/21	12:01:51.36	0.48	1.25	51.5161	16.1886	5.6	2.4	062	0.0	0.0	34	11	017				m i sr	ZAMG	41221015
2014/12/21	12:01:54.00	0.57	0.53	51.4280	16.1220	6.7	2.2	022	1.0f		23	14	232	0.59	3.56		m i ki	BGR	41221005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	10 LDG	41221025
ML	3.1	0.1	12 ZAMG	41221015
ML	3.2	0.3	15 BGR	41221005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.59	169.5	Pg	12:02:05.572	0.4					T__				m_e	ML 2.5
DPC	1.09	173.2	Pg	12:02:14.478	0.0					T__				m_e	ML 3.5
DPC	1.09	173.2	Sg	12:02:29.095	0.6					T__				m_e	
BRG	1.48	248.8	Pn	12:02:19.943	-1.0					T__				m_e	ML 3.0
BRG	1.48	248.8	Sg	12:02:41.164	0.3					T__				m_e	
FBE	1.81	254.8	Pn	12:02:26.072	0.6					T__				m_e	ML 2.8
FBE	1.81	254.8	Sg	12:02:51.016	-0.4					T__				m_e	
MORC	1.88	150.8	Pn	12:02:26.353	-0.1					T__				m_e	ML 3.5
MORC	1.88	150.8	Sg	12:02:53.686	-0.1					T__				m_e	
CLL	1.95	267.7	Pn	12:02:26.177	-1.2					T__				m_e	ML 3.0
OKC	2.04	140.3	Sg	12:02:58.260	-0.7					T__				m_e	ML 2.8
TANN	2.52	247.7	Pn	12:02:35.528	0.4					T__				m_e	ML 3.3
WERD	2.60	249.3	Pn	12:02:36.242	0.1					T__				m_e	ML 3.2
WERD	2.60	249.3	Sg	12:03:16.366	-0.1					T__				m_e	
MANZ	2.92	242.0	Pn	12:02:41.081	0.5					T__				m_e	ML 3.4
MANZ	2.92	242.0	Sg	12:03:27.187	0.4					T__				m_e	
MOX	2.94	256.3	Pn	12:02:41.083	0.3					T__				m_e	ML 3.5
MOX	2.94	256.3	Sg	12:03:27.603	0.2					T__				m_e	
ROTZ	2.99	237.8	Pn	12:02:41.528	0.1					T__				m_e	ML 3.2
GEC2	3.01	211.9	Sg	12:03:29.513	-0.2					T__				m_e	ML 3.4
WET	3.08	223.5	Pn	12:02:43.114	0.4					T__				m_e	ML 3.1
GRA1	3.56	242.8	Pn	12:02:49.732	0.5					T__				m_e	ML 3.7
GRA1	3.56	242.8	Sg	12:03:47.364	0.2					T__				m_e	

Event 41224001 Breisach/Upper Rhine Graben, W of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/24	13:56:12.80	0.08	1.01	48.1142	7.6614	1.8	1.4	171	7.0f		93	18	022			m i ke	LDG	41224021
2014/12/24	13:56:12.43	0.29		48.1230	7.6680	2.2	1.1	058	16.7	4.7	46	26	106	0.35	3.60	m i ke	BGR	41224011
2014/12/24	13:56:12.59	0.10	0.19	48.1130	7.6640	1.1	0.8	046	7.0	3.0	51	24	053	0.17	1.84	m i ke	LED	41224001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.8		1 LDG	41224021
ML	2.9	0.2	20 LDG	41224021
ML	2.2	0.3	14 BGR	41224011
ML	2.4	0.2	30 LED	41224001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.17	131.3	Pg	13:56:16.290	0.3					T__				md_	ML 2.5
FBB	0.17	131.3	Sg	13:56:19.000	0.7					T__				m__	
KIZ	0.23	132.6	Pg	13:56:17.260	0.2					T__				mdi	ML 2.4
KIZ	0.23	132.6	Sg	13:56:20.440	0.2					T__				m__	
FELD	0.33	136.0	Pg	13:56:19.040	0.1					T__				md_	ML 2.2
FELD	0.33	136.0	Sg	13:56:23.480	0.3					T__				m__	
ECH	0.35	287.2	Pg	13:56:19.350	0.0					T__				mci	ML 2.4

ECH	0.35	287.2	Sg	13:56:23.960	0.0	T__	m__	
WLS	0.36	325.5	Pg	13:56:19.790	0.2	T__	md__	
WLS	0.36	325.5	Sg	13:56:24.690	0.4	T__	m__	
END	0.40	172.9	Pg	13:56:20.300	0.1	T__	mdi ML	1.7
END	0.40	172.9	Sg	13:56:25.860	0.4	T__	m__	
BERGE	0.42	124.9	Pg	13:56:20.740	0.1	T__	md__ ML	2.3
BERGE	0.42	124.9	Sg	13:56:26.260	0.2	T__	m__	
MOF	0.44	233.9	P*	13:56:22.240		___	m__	
MOF	0.44	233.9	Pg	13:56:21.040	0.1	T__	m__	
MOF	0.44	233.9	Sg	13:56:26.960	0.2	___	m__	
BFO	0.49	63.7	Pg	13:56:22.080	0.1	T__	mci ML	2.1
BFO	0.49	63.7	Sg	13:56:28.560	0.2	T__	m__	
OPP	0.52	42.0	Pg	13:56:22.480	0.1	T__	mc__ ML	2.3
OPP	0.52	42.0	Sg	13:56:29.140	-0.0	T__	m__	
OPP	0.52	42.0	SmS	13:56:32.490	-2.5	___	m__	
METMA	0.56	135.2	Pg	13:56:23.280	0.0	T__	mde ML	2.2
METMA	0.56	135.2	Sg	13:56:30.590	0.0	T__	m__	
METMA	0.56	135.2	SmS	13:56:33.290	-2.7	T__	m__	
SLE	0.65	121.7	Pg	13:56:25.100	0.1	T__	mc__ ML	2.5
SLE	0.65	121.7	Sg	13:56:33.910	0.4	T__	m__	
SLE	0.65	121.7	SmS	13:56:35.650	-2.7	T__	m__	
SULZ	0.66	152.5	Pg	13:56:25.230	0.2	T__	mdi ML	2.0
SULZ	0.66	152.5	Sg	13:56:33.990	0.4	T__	m__	
BOURR	0.77	202.2	Pg	13:56:27.510	0.3	T__	md__ ML	2.1
BALST	0.78	178.5	Pg	13:56:27.430	0.1	T__	md__ ML	2.3
BALST	0.78	178.5	PmP	13:56:28.020	-1.8	T__	m__	
BALST	0.78	178.5	Sg	13:56:37.888	0.5	___	m_e	
EMING	0.82	104.9	Pg	13:56:28.302	0.2	___	m_e ML	2.5
EMING	0.82	104.9	PmP	13:56:28.770	-1.7	T__	m__	
EMING	0.82	104.9	Sg	13:56:39.410	0.7	T__	m__	
LBG	0.93	53.3	Pn	13:56:29.600	-1.9	T__	m__ ML	2.6
LBG	0.93	53.3	Sn	13:56:42.210	-2.5	T__	m__	
LBG	0.93	53.3	SmS	13:56:43.550	-2.3	T__	m__	
LOMF	0.95	216.7	PmP	13:56:31.040	-1.5	T__	m__	
PEB	0.95	2.1	Pn	13:56:29.650	-2.1	T__	m__ ML	2.3
PEB	0.95	2.1	Pg	13:56:30.580	-0.0	T__	m__	
PEB	0.95	2.1	PmP	13:56:31.020	-1.7	T__	m__	
GUT	0.97	91.9	Pn	13:56:30.660	-1.3	T__	m__ ML	2.4
GUT	0.97	91.9	Pg	13:56:31.320	0.4	T__	m__	
GUT	0.97	91.9	Sn	13:56:43.880	-1.7	T__	m__	
SISB	0.97	115.6	Pn	13:56:31.470	-0.5	T__	m__ ML	2.4
SISB	0.97	115.6	Sg	13:56:44.350	0.9	T__	m__	
TUBL	1.03	66.0	Pn	13:56:30.850	-1.9	T__	m__ ML	2.4
TUBL	1.03	66.0	Pg	13:56:32.060	0.0	T__	m__	
TUBL	1.03	66.0	Sg	13:56:45.700	0.4	T__	m__	
WALHA	1.04	109.7	Pg	13:56:32.648	0.4	___	m_e ML	2.2
ROTT	1.07	17.3	Pg	13:56:33.248	0.5	___	m_e	
ROTT	1.07	17.3	Sg	13:56:47.459	1.0	___	m_e	
WILA	1.09	129.4	Pg	13:56:33.691	0.5	___	m_e ML	2.8
WILA	1.09	129.4	Sg	13:56:47.942	0.7	___	m_e	
TMO64	1.10	14.7	Pg	13:56:34.354	1.1	___	m_e	
TMO64	1.10	14.7	Sg	13:56:48.678	1.2	___	m_e	
LDE	1.11	16.3	Pg	13:56:34.414	0.9	___	m_e	
BRET	1.13	36.6	Pn	13:56:32.420	-1.7	T__	m__ ML	2.7

BRET	1.13	36.6	Sn	13:56:47.200	-2.1	T__	m__		
BUCH	1.17	72.7	Pn	13:56:33.250	-1.5	T__	mc_ ML	2.3	
BUCH	1.17	72.7	Pg	13:56:34.780	0.0	___	m__		
BUCH	1.17	72.7	PmP	13:56:35.200	-1.3	T__	m__		
STU	1.21	56.5	Pg	13:56:35.654	0.2	___	m_e ML	2.5	
STU	1.21	56.5	Sg	13:56:51.280	0.2	___	m__		
LIENZ	1.48	122.9	Sn	13:56:56.800	-0.7	___	m__ ML	2.4	
LIENZ	1.48	122.9	Sg	13:57:00.750	1.2	___	m__		
IMS	1.49	5.9	Pg	13:56:40.740	0.1	___	m__ ML	2.3	
IMS	1.49	5.9	Sg	13:57:00.010	0.1	___	m__		
PLONS	1.57	131.9	Sg	13:57:03.174	0.6	___	m_e ML	2.0	
UBR	1.69	103.9	Pg	13:56:45.090	0.5	___	m__ ML	2.4	
UBR	1.69	103.9	Sg	13:57:06.607	0.1	___	m_e		
RIVT	1.70	340.0	Pg	13:56:44.220	-0.4	___	m__ ML	2.5	
RIVT	1.70	340.0	Sg	13:57:05.456	-1.2	___	m_e		
HDH	1.75	73.5	Pg	13:56:46.000	0.3	___	m__ ML	2.3	
ABH	1.77	357.6	Pg	13:56:45.530	-0.4	___	m__ ML	2.3	
ABH	1.77	357.6	Sg	13:57:08.610	-0.3	___	m__		
SIND	1.78	45.3	Pg	13:56:46.580	0.4	___	m__ ML	2.5	
WLF	1.84	327.9	Pg	13:56:47.120	-0.2	___	m__ ML	2.3	
WLF	1.84	327.9	Sg	13:57:10.162	-1.0	___	m_e		
TNS	2.17	13.4	Sg	13:57:21.711	0.1	___	m_e ML	2.4	
FUR	2.41	87.5	Sg	13:57:30.099	0.9	___	m_e		
GRA1	2.82	54.6	Pg	13:57:05.847	0.1	___	m_e		
GRA1	2.82	54.6	Sg	13:57:41.261	-1.0	___	m_e		
ROTZ	3.41	59.3	Pn	13:57:03.373	-1.7	___	m_e		
ROTZ	3.41	59.3	Pg	13:57:16.627	-0.3	___	m_e		
ROTZ	3.41	59.3	Sg	13:57:59.795	-1.2	___	m_e		
MANZ	3.46	55.6	Sg	13:58:00.713	-1.9	___	m_e		
WET	3.60	71.4	Pg	13:57:20.471	0.1	___	m_e		
WET	3.60	71.4	Sg	13:58:05.485	-1.4	___	m_e		
MOX	3.61	44.0	Sg	13:58:05.702	-1.5	___	m_e		

Event 41225001 W of Nijmegen/NL

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/25	08:52:58.30	0.16	0.78	51.9213	5.4796	3.1	2.2	171	15.0f		143	32	192			m i ke	LDG	41225051
2014/12/25	08:52:59.10	0.23	0.11	51.8910	5.5200				15.0	2.7		11	306			m i ke	GDNRW	41225041
2014/12/25	08:52:59.70	0.59	0.41	51.8740	5.4220				19.6	7.0		11	321	0.87	2.06	m i ke	BNS	41225031
2014/12/25	08:53:00.20		0.76	51.8900	5.5200				31.0	3.0	34	21	263	0.75	3.00	m i ke	BUG	41225021
2014/12/25	08:52:59.22			51.9020	5.4530				17.0							m i ke	KNMI	41225011
2014/12/25	08:52:58.21	0.51		51.8750	5.5110	5.6	2.2	141	6.1	2.8	35	16	217	0.35	4.01	m i ke	BGR	41225001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.5	1	LDG	41225051
ML	3.4	0.3	44 LDG	41225051
ML	2.8		GDNRW	41225041
ML	2.8		BNS	41225031
MD	3.2	0.4	13 BUG	41225021
ML	3.5	0.3	13 BUG	41225021
ML	3.0		KNMI	41225011

ML 3.0 0.2 10 BGR 41225001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OPLO	0.35	139.8	Pg	08:53:06.480	1.6					T__				m_e	ML 3.2
OPLO	0.35	139.8	Sg	08:53:09.367	-0.1					T__				m_e	
BRH3	0.75	118.4	Pg	08:53:14.400	2.0									m__	ML 3.2
BRH3	0.75	118.4	Sg	08:53:25.000	2.9							1.8		m__	
WTSB	0.80	82.9	Pg	08:53:12.962	-0.4					T__				m_e	ML 3.3
WTSB	0.80	82.9	Sg	08:53:23.769	0.1					T__				m_e	
RODG	0.84	150.0	Pg	08:53:15.670	1.6									m_e	
ZER1	0.86	108.5	Pg	08:53:16.300	1.8									m__	ML 3.2
ZER1	0.86	108.5	Sg	08:53:28.100	2.5							1.9		m__	
ZER3	0.86	107.2	Pg	08:53:16.300	1.8									m__	ML 3.2
ZER3	0.86	107.2	Sg	08:53:28.300	2.6							1.8		m__	
RWB	0.87	152.3	Pg	08:53:15.450	0.8									m_e	
RWB	0.87	152.3	Sg	08:53:27.190	1.2							309.5	0.46	m_e	
ZERL	0.88	106.3	Pg	08:53:16.500	1.7									m__	ML 3.2
ZERL	0.88	106.3	Sg	08:53:28.500	2.3							1.5		m__	
BAVN	1.01	97.2	Pg	08:53:17.900	0.7									m__	ML 3.3
BAVN	1.01	97.2	Sg	08:53:30.800	0.6							1.8		m__	
BAVS	1.02	99.3	Sg	08:53:32.400	1.8									m__	
LAUG	1.03	119.9	Pg	08:53:17.960	0.3									m_e	
HGN	1.14	166.5	Pn	08:53:19.407	-0.6					T__				m_e	ML 2.9
HGN	1.14	166.5	Pg	08:53:20.400	0.6					T__				m_e	
HGN	1.14	166.5	Sg	08:53:35.163	0.6					T__				m_e	
ACN	1.16	161.7	Pg	08:53:20.470	0.4									m_e	
ACN	1.16	161.7	Sg	08:53:35.250	0.2							300.0	0.24	m_e	
BPFI	1.16	112.5	Pg	08:53:20.000	-0.1									m__	ML 3.2
BPFI	1.16	112.5	Sg	08:53:36.300	1.2							0.4		m__	
BULI	1.16	110.5	Pg	08:53:20.200	0.0									m__	ML 3.1
BULI	1.16	110.5	Sg	08:53:36.500	1.3							0.8		m__	
BUG	1.17	111.0	Pn	08:53:20.289	-0.2					T__				m_e	ML 2.8
BUG	1.17	111.0	Pg	08:53:21.402	1.0					T__				m_e	
BUG	1.17	111.0	Sg	08:53:36.774	1.2					T__				m_e	
BKLB	1.17	111.0	Pg	08:53:20.100	-0.3									m__	
BTEZ	1.18	110.5	Pg	08:53:20.300	-0.1									m__	ML 3.1
PLH	1.19	136.4	Pg	08:53:20.940	0.2									m_e	
PLH	1.19	136.4	Sg	08:53:35.930	-0.2									m_e	
GSH	1.26	154.2	Pg	08:53:22.160	0.1									m_e	
GSH	1.26	154.2	Sg	08:53:37.850	-0.5							333.3	0.26	m_e	
DREG	1.29	159.3	Pg	08:53:21.490	-1.1									mde	
DREG	1.29	159.3	Sg	08:53:37.308	-2.0							139.7	0.49	m_e	
UCC	1.30	214.1	Pn	08:53:21.696	-0.4					T__				m_e	
UCC	1.30	214.1	Pg	08:53:22.644	-0.0					T__				m_e	
UCC	1.30	214.1	Sg	08:53:38.344	-1.1					T__				m_e	
MEM	1.30	165.9	Pn	08:53:21.646	-0.6					T__				m_e	
MEM	1.30	165.9	Pg	08:53:23.247	0.4					T__				m_e	
MEM	1.30	165.9	Sg	08:53:39.244	-0.4					T__				m_e	
KLL	1.33	157.5	Pg	08:53:22.035	-1.2									m_e	
ENTS	1.34	117.5	Pg	08:53:22.700	-0.8									m_e	
ENTS	1.34	117.5	Sg	08:53:39.440	-1.4									m_e	
HMES	1.39	98.1	Sg	08:53:42.400	0.1									m__	
IBBS	1.43	72.5	Pn	08:53:25.700	1.7									m__	ML 3.2
IBBS	1.43	72.5	Sn	08:53:41.700	-0.6							0.9		m__	

HOBG	1.44	127.4	Pg	08:53:24.374	-1.1	---	m_e												
IBBN	1.45	71.8	Pg	08:53:25.874	0.4	T_	m_e	ML	3.1										
IBBN	1.45	71.8	Sn	08:53:41.400	-1.2	---	m_e			0.6									
IBBN	1.45	71.8	Sg	08:53:43.293	-0.9	T_	m_e												
IBBE	1.47	72.3	Pn	08:53:26.000	1.6	---	m_e	ML	3.7										
IBBE	1.47	72.3	Sn	08:53:43.800	0.8	---	m_e			1.0									
OLFT	1.49	157.2	Pg	08:53:25.120	-1.3	---	m_e												
OLFT	1.49	157.2	Sg	08:53:43.230	-2.5	---	m_e												
STB	1.53	146.5	Pg	08:53:25.188	-1.8	---	m_e												
STB	1.53	146.5	Sg	08:53:44.202	-2.6	---	m_e			137.9	0.40								
WBS	1.54	133.3	Sg	08:53:44.440	-2.7	---	m_e			117.3	0.28								
TDN	1.58	144.8	Pg	08:53:26.420	-1.6	---	m_e												
TDN	1.58	144.8	Sg	08:53:45.260	-3.2	---	m_e			97.7	0.19								
SORT	1.62	108.0	Sg	08:53:46.010	-3.6	---	m_e			76.6	0.34								
AHRW	1.66	143.1	Pn	08:53:26.807	-0.2	T_	m_e	ML	2.8										
AHRW	1.66	143.1	Sg	08:53:51.759	0.9	T_	m_e												
HILG	1.74	154.7	Pg	08:53:28.319	-2.8	---	m_e												
LOH	1.81	158.8	Pg	08:53:29.510	-2.8	---	m_e												
LOH	1.81	158.8	Sg	08:53:50.840	-4.9	---	m_e			92.6	0.52								
BHE	1.85	144.8	Pg	08:53:29.930	-3.1	---	m_e												
BHE	1.85	144.8	Sg	08:53:51.880	-5.1	---	m_e			55.4	0.13								
KAST	1.93	109.3	Pn	08:53:30.532	-0.2	T_	m_e	ML	2.9										
KAST	1.93	109.3	Sg	08:53:58.092	-1.4	T_	m_e												
BGG	2.03	144.8	Pg	08:53:34.380	-2.0	---	m_e												
WLF	2.25	169.3	Pg	08:53:40.024	-0.6	T_	m_e	ML	2.9										
WLF	2.25	169.3	Sg	08:54:08.969	-0.7	T_	m_e												
TNS	2.48	130.7	Pn	08:53:39.467	1.3	T_	m_e	ML	2.9										
TNS	2.48	130.7	Sg	08:54:16.447	-0.5	T_	m_e												
CLZ	3.00	88.7	Pn	08:53:45.506	0.2	T_	m_e	ML	3.1										
CLZ	3.00	88.7	Sn	08:54:19.228	0.1	T_	m_e												
CLZ	3.00	88.7	Sg	08:54:33.247	-0.4	T_	m_e												
CHRS	3.30	92.5	Pn	08:53:49.422	0.2	T_	m_e												
CHRS	3.30	92.5	Sn	08:54:25.523	-0.5	T_	m_e												
POSS	3.37	97.1	Pn	08:53:50.915	0.7	T_	m_e												
FLT1	3.55	80.4	Pn	08:53:51.902	-0.7	T_	m_e												
FLT1	3.55	80.4	Sn	08:54:31.014	-0.9	T_	m_e												
MOX	4.01	105.5	Pn	08:54:00.919	2.0	T_	m_e												

Event 41230002 Groningen/NL

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2014/12/30	02:37:37.30	0.07	0.88	53.1912	6.6672	2.0	1.5	108	3.0f		97	26	036			m i s i	LDG	41230032
2014/12/30	02:37:40.30	0.28	0.11	52.9490	6.6420				3.0f			7	354	1.61	2.78	m i k i	BNS	41230022
2014/12/30	02:37:36.66			53.2080	6.7280				3.0							m i k i	KNMI	41230012
2014/12/30	02:37:35.65	0.44	0.75	53.2080	6.6560	6.7	4.4	111	1.0f		20	16	185	0.94	3.18	m i k i	BGR	41230002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.2	18 LDG	41230032
ML	2.4		BNS	41230022
ML	2.8		KNMI	41230012
ML	2.6	0.1	3 BGR	41230002

Effects	Loctyp		Location	Intensity		Scale	Author								
	Summar			3.0	EMS	KNMI									
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SEVE	0.94	115.1	Pg	02:37:55.800	2.4					T__				m_e	
IBBN	1.12	143.0	Pg	02:37:58.681	1.9					T__				m_e	ML 2.7
IBBN	1.12	143.0	Sg	02:38:13.863	2.6					T__				m_e	
HLG	1.22	36.2	Pg	02:37:59.576	1.0					T__				m_e	
HLG	1.22	36.2	Sg	02:38:16.403	2.1					T__				m_e	
WTSB	1.24	175.9	Pg	02:37:58.656	-0.4					T__				m_e	ML 2.7
SYKE	1.37	103.0	Sg	02:38:22.566	3.3					T__				m_e	
BUG	1.81	167.8	Pn	02:38:07.527	0.4					T__				m_e	ML 2.5
LAUG	1.87	174.5	Pn	02:38:07.800	-0.1					---				m_e	
HOBG	2.26	169.1	Pn	02:38:13.600	0.3					---				m_e	
HOBG	2.26	169.1	Sn	02:38:38.300	-1.9					---		30.4	0.26	m_e	
BNS	2.27	171.7	Pn	02:38:13.800	0.5					---				m_e	
KAST	2.28	151.0	Pn	02:38:14.720	1.3					T__				m_e	
BSEG	2.29	70.0	Pn	02:38:13.326	-0.3					T__				m_e	
DREG	2.56	186.0	Pn	02:38:17.700	0.4					---				m_e	
GTTG	2.62	128.1	Pn	02:38:19.007	0.9					T__				m_e	
MEM	2.63	189.0	Pn	02:38:18.348	0.1					T__				m_e	
CLZ	2.64	119.7	Pn	02:38:19.485	1.1					T__				m_e	
CLZ	2.64	119.7	Sn	02:38:50.090	1.0					T__				m_e	
ASSE	2.66	112.3	Pn	02:38:18.906	0.2					T__				m_e	
AHRW	2.68	174.3	Pn	02:38:19.685	0.8					T__				m_e	
UCC	2.79	211.3	Pn	02:38:22.142	1.7					T__				m_e	
KOE	2.86	166.1	Pn	02:38:22.100	0.7					---				m_e	
HILG	2.92	179.7	Pn	02:38:23.400	1.3					---				m_e	
BGG	3.03	171.7	Pn	02:38:23.700	0.0					---				m_e	
UBBA	3.15	137.9	Pn	02:38:26.157	0.8					T__				m_e	
TNS	3.18	158.9	Pn	02:38:27.043	1.3					T__				m_e	
TNS	3.18	158.9	Sn	02:39:02.217	0.4					T__				m_e	

Event 41231015 Oss/NL, N of Eindhoven

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2014/12/31	02:24:42.60	0.34	1.05	51.6309	5.4416	6.6	4.2	142	15.0f			36	8	206			m i ke	LDG	41231055
2014/12/31	02:24:41.80			51.6770	5.3400				12.9								m i ke	KNMI	41231045
2014/12/31	02:24:41.80	0.34	0.11	51.7400	5.4280				10.0f				3	317	1.02	1.23	m i ke	BNS	41231035
2014/12/31	02:24:41.70	0.28	0.11	51.6840	5.3690				9.6	2.7			7	315			m i ke	GDNRW	41231025
2014/12/31	02:24:42.06	0.61	0.63	51.6460	5.4510	6.7	3.3	149	10.0f			12	7	210	0.89	2.36	m i ke	BGR	41231015

Magnitude	Err	Nsta	Author	OrigID
MD	2.0	0.1	2 LDG	41231055
ML	1.9	0.5	8 LDG	41231055
ML	2.0		KNMI	41231045
ML	1.2		BNS	41231035
ML	1.5		GDNRW	41231025
ML	2.0	0.2	3 BGR	41231015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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RWB	0.70	140.8	Sg	02:25:06.510	2.0	---					36.0	0.35	m_e		
WTSB	0.89	68.4	Pg	02:24:58.842	-0.1	T_							m_e	ML	2.2
WTSB	0.89	68.4	Sg	02:25:10.758	0.2	T_							m_e		
ACN	0.96	155.3	Pg	02:25:00.730	0.6	---							m_e		
ACN	0.96	155.3	Sg	02:25:14.150	1.6	---					24.0	0.26	m_e		
LAUG	0.98	107.0	Sg	02:25:13.935	0.8	---					8.3	0.22	m_e		
PLH	1.07	126.4	Sg	02:25:17.430	1.3	---							m_e		
GSH	1.08	147.0	Pg	02:25:02.970	0.5	---							m_e		
GSH	1.08	147.0	Sg	02:25:17.930	1.4	---					7.6	0.15	m_e		
UCC	1.09	219.2	Pg	02:25:02.748	0.1	T_							m_e		
UCC	1.09	219.2	Sg	02:25:17.185	0.4	T_							m_e		
MEM	1.09	161.1	Pg	02:25:02.489	-0.3	T_							m_e		
MEM	1.09	161.1	Sg	02:25:16.590	-0.4	T_							m_e		
DREG	1.10	153.2	Pg	02:25:02.760	-0.1	---							m_e		
DREG	1.10	153.2	Sg	02:25:18.415	1.3	---					4.5	0.39	m_e		
KLL	1.14	151.3	Pg	02:25:03.365	-0.2	---							m_e		
KLL	1.14	151.3	Sg	02:25:19.242	1.0	---					3.7	0.29	m_e		
BUG	1.15	99.6	Pg	02:25:04.215	0.4	T_							m_e	ML	1.8
BUG	1.15	99.6	Sg	02:25:19.880	1.2	T_							m_e		
ENTS	1.29	107.6	Sg	02:25:23.270	0.2	---							m_e		
TDN	1.42	138.2	Sg	02:25:26.560	-0.8	---					3.0	0.25	m_e		
AHRW	1.50	136.6	Pg	02:25:09.592	-0.9	T_							m_e		
AHRW	1.50	136.6	Sg	02:25:30.546	0.6	T_							m_e		
LOH	1.62	154.5	Sg	02:25:30.580	-2.9	---					3.4	0.44	m_e		
KAST	1.90	102.3	Sg	02:25:41.409	-1.1	T_							m_e	ML	2.0
TNS	2.36	125.8	Sg	02:25:57.756	0.5	T_							m_e		

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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