

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 50401001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/01	04:58:11.50	0.21	1.53	44.2288	11.7416	5.0	3.6	065	23.0f		152	28	104			m i ke	LDG	50401011
2015/04/01	04:58:10.09	0.93	0.80	44.0800	11.8670	16.7	10.0	104	10.0f		19	12	317	3.80	6.94	m i ke	BGR	50401001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.3	23 LDG	50401011
ML	3.7	0.1	5 BGR	50401001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
UBR	3.80	341.8	Pn	04:59:07.714	0.2					T__	3.6			m_e	ML 3.7
UBR	3.80	341.8	Sn	04:59:50.108	1.0					T__	2.3			m_e	
BFO	4.90	331.3	Pn	04:59:21.864	-0.6					T__	3.2			m_e	
GEC2	4.93	14.2	Pn	04:59:22.657	-0.2					T__	3.7			m_e	ML 3.7
GEC2	4.93	14.2	Sn	05:00:16.565	1.0					T__	4.9			m_e	
WET	5.11	7.4	Pn	04:59:24.630	-0.7					T__	2.7			m_e	ML 3.8
WET	5.11	7.4	Sn	05:00:18.920	-0.9					T__	5.4			m_e	
GRA1	5.63	355.7	Sn	05:00:30.893	-1.1					T__	2.7			m_e	
ROTZ	5.69	2.2	Pn	04:59:32.220	-0.9					T__	2.3			m_e	ML 3.6
ROTZ	5.69	2.2	Sn	05:00:30.772	-2.7					T__	4.3			m_e	
MANZ	5.91	1.5	Sn	05:00:37.733	-0.9					T__	3.7			m_e	
WERN	6.22	3.0	Sn	05:00:45.537	-0.3					T__	3.4			m_e	
GUNZ	6.29	2.7	Pn	04:59:41.521	0.2					T__	2.5			m_e	
GUNZ	6.29	2.7	Sn	05:00:46.151	-1.4					T__	2.7			m_e	
TANN	6.35	3.4	Pn	04:59:41.709	-0.3					T__	2.2			m_e	
TANN	6.35	3.4	Sn	05:00:48.503	-0.4					T__	3.2			m_e	
MOX	6.57	358.6	Pn	04:59:43.993	-1.0					T__	1.8			m_e	
MOX	6.57	358.6	Sn	05:00:52.691	-1.4					T__	4.6			m_e	
BRG	6.94	10.9	Sn	05:01:02.444	-0.3					T__	2.8			m_e	ML 3.8

Event 50401003 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/01	07:33:53.00	0.10	1.27	44.3748	16.3810	3.6	2.1	026	10.0f		162	24	035			m i ke	LDG	50401013
2015/04/01	07:33:49.54	0.94	0.94	44.1530	17.1830	21.1	13.3	076	10.0f		17	11	324	3.00	7.50	m i ke	BGR	50401003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.2	0.2	20 LDG	50401013
ML	4.1	0.3	5 BGR	50401003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.00	322.8	Pn	07:34:35.484	-0.6					T__	48.7			m_e	
ARSA	3.31	340.1	Pn	07:34:40.955	0.7					T__	29.1			m_e	ML 3.7
ARSA	3.31	340.1	Sn	07:35:15.290	-1.6					T__	2.0			m_e	
KBA	3.97	318.8	Pn	07:34:48.657	-0.6					T__	14.8			m_e	
MOA	4.21	332.3	Pn	07:34:53.162	0.6					T__	35.1			m_e	ML 4.1
MOA	4.21	332.3	Sn	07:35:37.961	-0.3					T__	3.1			m_e	

WTTA	4.97	310.7	Pn	07:35:02.185	-0.6	T__	20.1	m_e	ML	4.5
WTTA	4.97	310.7	Sn	07:35:57.575	1.7	T__	3.2	m_e		
GEC2	5.27	334.2	Pn	07:35:06.717	-0.1	T__	11.7	m_e	ML	4.1
GEC2	5.27	334.2	Sn	07:36:02.244	-0.7	T__	6.0	m_e		
WET	5.80	330.9	Pn	07:35:14.108	0.1	T__	1.9	m_e	ML	4.1
WET	5.80	330.9	Sn	07:36:14.668	-0.8	T__	1.6	m_e		
DAVA	5.98	304.2	Pn	07:35:15.564	-1.0	T__	4.1	m_e		
ROTZ	6.56	330.6	Pn	07:35:25.086	0.7	T__	3.6	m_e		
ROTZ	6.56	330.6	Sn	07:36:31.843	-1.5	T__	2.7	m_e		
BFO	7.40	307.4	Pn	07:35:33.414	-2.4	T__	4.0	m_e		
MOX	7.50	331.9	Pn	07:35:37.256	0.1	T__	4.6	m_e		

Event 50401012 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/01	14:30:20.26	0.36	0.71	51.4970	16.1310	4.4	2.2	033	1.0f		44	25	172	0.66	3.14	m i ki	BGR	50401022

Magnitude Err Nsta Author

ML	3.1	0.3	12	BGR	50401022
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.66	171.1	Pg	14:30:32.885	0.2	T__				T__	17.8			m_e	ML 2.5
KSP	0.66	171.1	Sg	14:30:41.894	0.6	T__				T__	3.8			m_e	
DPC	1.15	173.9	Pg	14:30:41.769	-0.2	T__				T__	84.5			m_e	ML 3.3
DPC	1.15	173.9	Sg	14:30:56.871	-0.0	T__				T__	4.3			m_e	
PVCC	1.38	226.0	Pg	14:30:46.396	0.1	T__				T__	58.2			m_e	ML 3.4
PVCC	1.38	226.0	Sg	14:31:05.585	1.5	T__				T__	4.7			m_e	
BRG	1.51	246.4	Pg	14:30:48.408	-0.2	T__				T__	55.3			m_e	ML 3.1
BRG	1.51	246.4	Sg	14:31:08.228	0.1	T__				T__	7.3			m_e	
RUE	1.75	305.0	Pn	14:30:49.872	-1.0	T__				T__	2.6			m_e	ML 3.2
RUE	1.75	305.0	Sg	14:31:16.376	0.6	T__				T__	3.0			m_e	
PRU	1.81	214.3	Pn	14:30:51.321	-0.5	T__				T__	2.2			m_e	
FBE	1.83	252.8	Pg	14:30:53.983	-0.8	T__				T__	15.5			m_e	ML 2.9
FBE	1.83	252.8	Sg	14:31:18.289	-0.2	T__				T__	2.7			m_e	
MORC	1.94	152.0	Pn	14:30:53.527	0.0	T__				T__	7.0			m_e	ML 3.5
MORC	1.94	152.0	Sg	14:31:21.613	-0.2	T__				T__	3.9			m_e	
CLL	1.96	265.7	Pg	14:30:56.352	-0.9	T__				T__	4.8			m_e	ML 3.0
CLL	1.96	265.7	Sg	14:31:22.385	-0.2	T__				T__	2.6			m_e	
OKC	2.09	141.6	Sg	14:31:25.943	-0.9	T__				T__	3.0			m_e	ML 2.8
VRAC	2.21	172.2	Sg	14:31:30.146	-0.3	T__				T__	2.4			m_e	
TREC	2.24	190.8	Pn	14:30:59.018	1.4	T__				T__	2.5			m_e	
KRUC	2.44	175.9	Pg	14:31:05.100	-1.2	T__				T__	4.8			m_e	
KRUC	2.44	175.9	Sg	14:31:38.599	0.8	T__				T__	3.7			m_e	
TANN	2.55	246.3	Pn	14:31:02.170	0.4	T__				T__	3.7			m_e	
TANN	2.55	246.3	Pg	14:31:08.789	0.4	T__				T__	5.4			m_e	
OJC	2.64	117.5	Pg	14:31:10.339	0.3	T__				T__	6.9			m_e	
NKC	2.65	242.9	Pn	14:31:03.263	0.2	T__				T__	6.1			m_e	
NKC	2.65	242.9	Pg	14:31:10.954	0.8	T__				T__	4.1			m_e	
GUNZ	2.65	246.2	Pn	14:31:03.263	0.1	T__				T__	3.1			m_e	
WERN	2.66	244.4	Pn	14:31:04.049	0.8	T__				T__	5.2			m_e	
WERN	2.66	244.4	Pg	14:31:10.529	0.2	T__				T__	4.9			m_e	
PLN	2.70	249.5	Pg	14:31:11.157	0.1	T__				T__	4.3			m_e	

NEUB	2.74	265.6	Pg	14:31:11.443	-0.4	T__	2.6	m_e											
MANZ	2.96	240.9	Pn	14:31:08.202	0.9	T__	2.6	m_e											
MANZ	2.96	240.9	Pg	14:31:16.255	0.2	T__	2.0	m_e											
MOX	2.96	255.0	Pg	14:31:15.774	-0.3	T__	7.2	m_e	ML	3.5									
MOX	2.96	255.0	Sg	14:31:55.484	1.1	T__	6.5	m_e											
ROTZ	3.03	236.7	Pn	14:31:08.748	0.4	T__	2.6	m_e	ML	3.1									
ROTZ	3.03	236.7	Pg	14:31:17.373	-0.0	T__	2.0	m_e											
ROTZ	3.03	236.7	Sg	14:31:55.484	-1.1	T__	3.5	m_e											
GEC2	3.07	211.3	Pn	14:31:10.149	1.3	T__	6.8	m_e											
GEC2	3.07	211.3	Pg	14:31:17.167	-1.0	T__	2.1	m_e											
WET	3.14	222.7	Pn	14:31:10.426	0.7	T__	6.5	m_e	ML	3.3									
WET	3.14	222.7	Pg	14:31:18.420	-1.0	T__	1.1	m_e											
WET	3.14	222.7	Sg	14:31:59.681	-0.3	T__	1.3	m_e											

Event 50401013 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/01	19:16:31.32		2.96	51.4937	15.8530				0.0	-1.0	4	0	071			m i sr	ZAMG	50401023
2015/04/01	19:16:31.34	0.37	0.93	51.4420	16.2320	4.4	3.3	037	1.0f		34	23	197	0.60	3.14	m i ki	BGR	50401013
#PRIME)																		

Magnitude Err Nsta Author

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.3	3 ZAMG	50401023
ML	3.1	0.3	10 BGR	50401013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.60	176.3	Pg	19:16:42.246	-0.4					T__	29.4			m_e	ML 2.6
KSP	0.60	176.3	Sg	19:16:49.679	-0.7					T__	4.7			m_e	
DPC	1.09	177.0	Pg	19:16:51.176	-0.8					T__	134.7			m_e	ML 3.3
DPC	1.09	177.0	Sg	19:17:06.204	0.1					T__	5.1			m_e	
PVCC	1.39	229.5	Pg	19:16:57.081	-0.5					T__	56.1			m_e	ML 3.5
PVCC	1.39	229.5	Sg	19:17:16.644	1.2					T__	3.2			m_e	
BRG	1.54	249.3	Pg	19:16:59.631	-0.8					T__	33.2			m_e	ML 3.0
BRG	1.54	249.3	Sg	19:17:19.735	-0.7					T__	4.5			m_e	
RUE	1.83	305.3	Pn	19:17:01.882	-1.2					T__	3.5			m_e	ML 3.4
RUE	1.83	305.3	Sg	19:17:29.414	-0.1					T__	4.2			m_e	
MORC	1.86	153.0	Pn	19:17:03.024	-0.5					T__	15.3			m_e	
FBE	1.88	255.0	Sg	19:17:30.473	-0.5					T__	4.2			m_e	ML 3.0
OKC	2.01	142.1	Pn	19:17:08.100	2.5					T__	1.3			m_e	ML 2.8
OKC	2.01	142.1	Sg	19:17:34.103	-1.2					T__	3.9			m_e	
CLL	2.02	267.5	Pn	19:17:04.604	-1.1					T__	3.7			m_e	ML 3.1
CLL	2.02	267.5	Sg	19:17:35.762	0.2					T__	4.0			m_e	
VRAC	2.15	173.7	Pn	19:17:07.635	0.2					T__	6.0			m_e	
VRAC	2.15	173.7	Sg	19:17:38.645	-0.9					T__	2.8			m_e	
TREC	2.20	192.8	Sg	19:17:40.703	-0.5					T__	2.2			m_e	
KRUC	2.38	177.4	Pn	19:17:11.190	0.6					T__	4.4			m_e	
KRUC	2.38	177.4	Sg	19:17:46.965	-0.1					T__	3.6			m_e	
OJC	2.56	117.1	Pg	19:17:20.003	0.4						10.5			m_e	
TANN	2.59	248.1	Pn	19:17:13.208	-0.2					T__	6.0			m_e	
NKC	2.68	244.6	Pn	19:17:14.508	-0.1					T__	15.3			m_e	ML 3.5
NKC	2.68	244.6	Pg	19:17:21.653	-0.2						1.6			m_e	
NKC	2.68	244.6	Sg	19:17:58.836	2.4					T__	2.8			m_e	

GUNZ	2.69	247.8	Pn	19:17:14.857	0.2	T__	4.3	m_e	ML	3.3
GUNZ	2.69	247.8	Sg	19:17:57.324	0.7	T__	4.1	m_e		
WERN	2.69	246.1	Pn	19:17:14.572	-0.2	T__	6.9	m_e		
JAVC	2.74	159.8	Pn	19:17:17.560	2.1	T__	9.7	m_e		
NEUB	2.79	266.9	Pg	19:17:23.388	-0.6	---	6.0	m_e		
KHC	2.87	217.3	Pn	19:17:16.830	-0.3	T__	8.2	m_e		
MANZ	2.99	242.5	Pn	19:17:18.818	0.0	T__	9.3	m_e		
MOX	3.01	256.4	Pn	19:17:18.601	-0.5	T__	2.8	m_e		
ROTZ	3.05	238.3	Pn	19:17:19.893	0.2	T__	13.2	m_e		
GEC2	3.06	213.0	Pn	19:17:20.464	0.7	T__	6.7	m_e		
GEC2	3.06	213.0	Pg	19:17:26.723	-2.3	---	7.5	m_e		
WET	3.14	224.3	Pn	19:17:20.876	-0.0	T__	10.5	m_e		
WET	3.14	224.3	Pg	19:17:27.175	-3.4	---	1.2	m_e		

Event 50401014 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/01	22:12:05.80	0.05	0.74	44.5204	6.7040	1.2	0.9	062	5.0f		191	42	041			m i ke	LDG	50401024
2015/04/01	22:12:03.94	1.14	0.38	44.2990	6.2330	31.1	12.2	109	10.0f		11	7	339	3.48	4.28	m i ke	BGR	50401014

(#PRIME)

Magnitude Err Nsta Author OrigID

MD	3.1	0.0	2	LDG	50401024
ML	3.1	0.4	44	LDG	50401024
ML	3.4	0.1	3	BGR	50401014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SULZ	3.48	21.4	Pn	22:12:57.006	-0.1					T__	4.4			m_e	
SULZ	3.48	21.4	Sn	22:13:34.907	-0.5					T__	1.7			m_e	
WILA	3.63	29.9	Pn	22:12:59.439	0.4					T__	1.7			m_e	ML 3.6
SLE	3.81	23.5	Pn	22:13:00.685	-0.7					T__	6.0			m_e	ML 3.4
SLE	3.81	23.5	Sn	22:13:43.095	0.1					T__	3.8			m_e	
BERGE	3.82	20.0	Pn	22:13:00.896	-0.7					T__	3.7			m_e	
ECH	3.97	8.9	Pn	22:13:03.883	0.2					T__	3.3			m_e	
ECH	3.97	8.9	Sn	22:13:46.374	-0.5					T__	2.1			m_e	
EMING	4.03	25.8	Sn	22:13:47.549	-0.7					T__	4.2			m_e	
BFO	4.28	19.0	Pn	22:13:07.265	-0.6					T__	2.2			m_e	ML 3.3
BFO	4.28	19.0	Sn	22:13:53.637	-0.6					T__	3.3			m_e	

Event 50404003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/04	16:01:12.19	0.71	1.30	51.4067	16.1334	7.1	3.6	036	0.0	0.0	25	11	015			m i sr	ZAMG	50404013
2015/04/04	16:01:12.01	0.43	0.57	51.4860	16.0930	4.4	2.2	015	1.0f		30	13	211	0.65	3.05	m i ki	BGR	50404003

(#PRIME)

Magnitude Err Nsta Author OrigID

ML	2.8	0.2	13	ZAMG	50404013
ML	3.0	0.2	12	BGR	50404003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.65	168.9	Pg	16:01:24.274	-0.1					T__				m_e	
KSP	0.65	168.9	Sg	16:01:33.225	0.4					T__				m_e	
DPC	1.14	172.7	Pg	16:01:33.097	-0.5					T__				m_e ML	3.0
DPC	1.14	172.7	Sg	16:01:48.417	0.0					T__				m_e	
BRG	1.48	246.4	Pg	16:01:39.972	0.1					T__				m_e ML	2.9
BRG	1.48	246.4	Sg	16:01:59.766	0.7					T__				m_e	
FBE	1.81	252.9	Pg	16:01:45.404	-0.7					T__				m_e ML	2.7
FBE	1.81	252.9	Sg	16:02:09.091	-0.3					T__				m_e	
CLL	1.94	265.9	Pn	16:01:44.344	-0.9					T__				m_e ML	2.8
CLL	1.94	265.9	Pg	16:01:47.651	-0.8					T__				m_e	
CLL	1.94	265.9	Sg	16:02:13.882	0.4					T__				m_e	
MORC	1.94	151.2	Pn	16:01:44.911	-0.4					T__				m_e ML	3.2
MORC	1.94	151.2	Pg	16:01:48.741	0.2					T__				m_e	
MORC	1.94	151.2	Sg	16:02:13.111	-0.6					T__				m_e	
OKC	2.10	140.9	Pg	16:01:51.401	-0.2					T__				m_e ML	2.5
OKC	2.10	140.9	Sg	16:02:19.415	0.7					T__				m_e	
TANN	2.53	246.3	Pn	16:01:53.599	0.4					T__				m_e ML	3.1
TANN	2.53	246.3	Pg	16:02:00.426	0.8					T__				m_e	
TANN	2.53	246.3	Sg	16:02:32.268	0.0					T__				m_e	
OJC	2.66	117.0	Pg	16:02:01.862	-0.3					T__				m_e ML	3.1
OJC	2.66	117.0	Sg	16:02:37.244	0.7					T__				m_e	
MANZ	2.93	240.8	Pn	16:01:59.501	0.8					T__				m_e ML	3.1
MANZ	2.93	240.8	Pg	16:02:07.948	0.7					T__				m_e	
MANZ	2.93	240.8	Sg	16:02:46.576	1.4					T__				m_e	
MOX	2.94	255.1	Sg	16:02:45.952	0.7					T__				m_e ML	3.2
ROTZ	3.00	236.6	Pn	16:01:59.894	0.2					T__				m_e ML	2.9
ROTZ	3.00	236.6	Pg	16:02:08.669	0.0					T__				m_e	
ROTZ	3.00	236.6	Sg	16:02:46.733	-0.7					T__				m_e	
GEC2	3.05	211.0	Pn	16:02:00.624	0.3					T__				m_e ML	3.0
GEC2	3.05	211.0	Sg	16:02:48.340	-0.6					T__				m_e	

Event 50405002 Besancon/F, Doubs Valley

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/05	14:20:55.90	0.04	0.68	47.3622	6.1431	0.8	0.7	163	13.0f		185	39	028			m i ke	LDG	50405012
2015/04/05	14:20:55.95	0.45		47.3770	6.1800	4.4	2.2	040	20.2	0.4	47	18	262	1.03	4.06	m i ke	BGR	50405002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.1	0.0	2 LDG	50405012
ML	3.2	0.4	42 LDG	50405012
ML	2.8	0.3	8 BGR	50405002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.03	91.7	Pn	14:21:14.575	0.0					T__				m_e	
BALST	1.03	91.7	Pg	14:21:15.605	-0.0					T__				m_e	
BALST	1.03	91.7	Sg	14:21:29.500	0.4					T__				m_e	
ECH	1.07	37.7	Pn	14:21:14.287	-0.8					T__				m_e ML	2.7
ECH	1.07	37.7	Pg	14:21:15.699	-0.6					T__				m_e	
ECH	1.07	37.7	Sg	14:21:30.178	-0.1					T__				m_e	
SULZ	1.32	82.7	Pn	14:21:18.197	-0.3					T__				m_e	

SULZ	1.32	82.7	Sg	14:21:37.947	-0.2	T__	m_e												
BERGE	1.43	69.1	Pn	14:21:19.321	-0.8	T__	m_e												
BERGE	1.43	69.1	Pg	14:21:23.002	-0.2	T__	m_e												
BERGE	1.43	69.1	Sg	14:21:42.057	0.2	T__	m_e												
METMA	1.44	75.8	Pn	14:21:19.577	-0.6	T__	m_e												
METMA	1.44	75.8	Pg	14:21:23.002	-0.3	T__	m_e												
METMA	1.44	75.8	Sn	14:21:37.075	-0.3	T__	m_e												
METMA	1.44	75.8	Sg	14:21:41.739	-0.3	T__	m_e												
SLE	1.61	75.1	Pn	14:21:21.868	-0.6	T__	m_e	ML										2.8	
SLE	1.61	75.1	Pg	14:21:25.886	-0.6	T__	m_e												
SLE	1.61	75.1	Sn	14:21:41.539	0.1	T__	m_e												
BFO	1.73	55.8	Pn	14:21:23.231	-0.8	T__	m_e	ML											2.2
BFO	1.73	55.8	Pg	14:21:28.740	0.0	T__	m_e												
BFO	1.73	55.8	Sn	14:21:44.722	0.5	T__	m_e												
BFO	1.73	55.8	Sg	14:21:51.008	-0.2	T__	m_e												
WILA	1.85	87.8	Pn	14:21:26.202	0.5	T__	m_e	ML											3.0
WILA	1.85	87.8	Pg	14:21:30.680	-0.2	T__	m_e												
WILA	1.85	87.8	Sg	14:21:54.713	-0.2	T__	m_e												
EMING	1.87	72.9	Pn	14:21:25.516	-0.5	T__	m_e												
EMING	1.87	72.9	Pg	14:21:30.824	-0.5	T__	m_e												
EMING	1.87	72.9	Sg	14:21:55.200	-0.4	T__	m_e												
WALHA	2.02	78.2	Pn	14:21:28.027	-0.0	T__	m_e												
WALHA	2.02	78.2	Sg	14:22:00.092	-0.3	T__	m_e												
TMO64	2.20	34.6	Pg	14:21:38.303	0.8	T__	m_e												
TMO64	2.20	34.6	Sg	14:22:06.818	0.8	T__	m_e												
PLONS	2.20	97.4	Pn	14:21:31.575	1.1	T__	m_e												
PLONS	2.20	97.4	Sg	14:22:05.351	-0.7	T__	m_e												
WLF	2.29	359.6	Pg	14:21:39.673	0.5	T__	m_e	ML											2.7
WLF	2.29	359.6	Sg	14:22:08.606	-0.3	T__	m_e												
KTD	2.32	32.4	Pg	14:21:40.129	0.3	T__	m_e												
KTD	2.32	32.4	Sg	14:22:09.488	-0.3	T__	m_e												
RIVT	2.36	9.2	Pn	14:21:33.122	0.4	T__	m_e												
RIVT	2.36	9.2	Pg	14:21:40.750	0.1	T__	m_e												
RIVT	2.36	9.2	Sg	14:22:09.795	-1.5	T__	m_e												
UBR	2.67	82.0	Pn	14:21:37.702	0.9	T__	m_e	ML											2.9
UBR	2.67	82.0	Sg	14:22:22.200	1.3	T__	m_e												
TNS	3.21	26.8	Pn	14:21:44.031	-0.2	T__	m_e	ML											3.2
TNS	3.21	26.8	Sg	14:22:37.024	-1.2	T__	m_e												
GRA1	4.06	53.4	Pg	14:22:11.572	-1.0	T__	m_e	ML											3.2
GRA1	4.06	53.4	Sg	14:23:04.552	-0.6	T__	m_e												

Event 50406001 Darmstadt-East

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/06	02:01:07.20	0.07	0.62	49.8108	8.7049	1.5	1.0	068	6.0f		111	26	070			m i ke	LDG	50406031
2015/04/06	02:01:06.80	0.69	0.21	49.8100	8.7490				3.0	8.0		8	216	0.46	1.82	m i ke	BNS	50406021
2015/04/06	02:01:07.30	0.20	0.31	49.8100	8.7000	3.0	1.0	067	6.0	3.0	45	27	079	0.04	2.01	m i ke	LED	50406011
2015/04/06	02:01:06.75	0.14		49.8250	8.7290	1.1	1.1	113	8.4	2.6	66	35	045	0.44	3.09	m i ke	BGR	50406001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.6	0.1	2 LDG	50406031

ML	2.6	0.3	27	LDG	50406031
ML	2.1			BNS	50406021
ML	2.3	0.2	38	LED	50406011
ML	2.4	0.3	19	BGR	50406001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WBB	0.05	291.7	Pg	02:01:08.520	0.1					---				mc_	ML 2.3
WBB	0.05	291.7	Sg	02:01:09.330	-0.2					---				m_	
WBA	0.18	161.6	Pg	02:01:10.940	0.5					---				mdi	ML 2.6
WBA	0.18	161.6	Sg	02:01:13.490	0.5					---				m_	
TOD	0.22	167.5	Pg	02:01:11.440	0.2					---				mc_	
TOD	0.22	167.5	Sg	02:01:14.570	0.3					---				m_	
SWS	0.34	183.1	Pg	02:01:13.380	0.0					---				mci	ML 2.4
SWS	0.34	183.1	Sg	02:01:17.740	-0.1					---				m_	
TNS	0.44	335.6	P*	02:01:16.320						---				m_	ML 2.3
TNS	0.44	335.6	Pg	02:01:15.708	0.6					T_				m_e	
TNS	0.44	335.6	PmP	02:01:18.230	-0.5					---				m_	
TNS	0.44	335.6	Sg	02:01:21.900	1.1					T_				m_e	
GWBE	0.45	308.8	P*	02:01:16.520						---				m_	ML 2.5
GWBE	0.45	308.8	Pg	02:01:15.970	0.6					---				m_	
WBG	0.53	48.6	Pg	02:01:17.350	0.6					---				mc_	ML 1.9
IMS	0.58	247.0	Pg	02:01:17.640	-0.2					---				m_	ML 2.0
IMS	0.58	247.0	Sg	02:01:25.350	-0.1					---				m_	
GWBD	0.61	298.8	Pg	02:01:18.690	0.4					---				md_	
GWBC	0.64	332.7	Pg	02:01:19.780	0.9					---				md_	ML 2.3
GWBC	0.64	332.7	Sg	02:01:28.120	0.9					---				m_	
KTD	0.66	219.9	Pg	02:01:19.213	0.0					T_				m_e	ML 2.7
KTD	0.66	219.9	Sg	02:01:28.351	0.6					T_				m_e	
KTD	0.66	219.9	SmS	02:01:31.370	-0.9					---				m_	
NAST	0.67	303.9	Pg	02:01:19.755	0.3					---				m_e	
FACH	0.71	318.7	Pg	02:01:20.700	0.5					---				md_	ML 1.9
SIND	0.74	129.6	Pg	02:01:21.630	0.8					---				md_	ML 2.3
SIND	0.74	129.6	Sg	02:01:32.080	1.6					---				m_	
LDE	0.75	210.7	Pg	02:01:21.721	0.7					T_				m_e	ML 2.3
ABH	0.76	274.7	Pg	02:01:20.778	-0.4					T_				m_e	ML 2.2
ABH	0.76	274.7	Sg	02:01:30.689	-0.5					T_				m_e	
TMO64	0.77	212.8	Pg	02:01:21.942	0.5					T_				m_e	ML 2.2
TMO54	0.79	209.9	Pg	02:01:22.570	0.9					---				m_	
ROTT	0.79	208.7	Pg	02:01:22.318	0.6					T_				m_e	ML 2.1
BRET	0.81	181.9	Pg	02:01:22.490	0.4					---				mc_	ML 2.7
BRET	0.81	181.9	PmP	02:01:23.580	-0.8					---				m_	
BRET	0.81	181.9	Sg	02:01:33.360	0.7					---				m_	
BGG	0.97	293.6	Pg	02:01:25.350	0.2					---				m_e	
PEB	1.00	221.3	Pg	02:01:25.280	-0.5					---				m_	ML 2.5
OCHT	1.02	300.8	Pg	02:01:26.400	0.4					---				mc_	ML 2.5
OCHT	1.02	300.8	SmS	02:01:42.230	-0.1					---				m_	
BIW	1.07	328.2	Pn	02:01:27.280	-0.1					---				m_	ML 2.3
BIW	1.07	328.2	Pg	02:01:27.680	0.7					---				m_	
STU	1.10	163.8	Pn	02:01:28.040	0.3					---				m_	ML 2.7
STU	1.10	163.8	Pg	02:01:28.149	0.7					T_				m_e	
STU	1.10	163.8	PmP	02:01:29.120	-0.1					---				m_	
STU	1.10	163.8	Sg	02:01:41.977	0.3					T_				m_e	
BHE	1.13	298.6	Pg	02:01:28.470	0.5					---				m_	
BHE	1.13	298.6	PmP	02:01:28.940	-0.8					---				m_	

HROE	1.16	51.6	Pg	02:01:28.580	-0.1	T__	m_e	
HROE	1.16	51.6	Sg	02:01:44.852	1.2	T__	m_e	
LBG	1.16	177.8	Pg	02:01:29.140	0.4	---	m__ ML	2.7
LBG	1.16	177.8	PmP	02:01:29.500	-0.8	---	m__	
LBG	1.16	177.8	SmS	02:01:44.860	-1.6	---	m__	
LAGB	1.17	297.8	Pg	02:01:29.250	0.3	---	m__ ML	2.0
LAGB	1.17	297.8	PmP	02:01:29.600	-0.9	---	m__	
RIVT	1.27	265.5	Pn	02:01:29.939	-0.2	T__	m_e ML	2.2
RIVT	1.27	265.5	Pg	02:01:30.240	-0.6	---	m__	
RIVT	1.27	265.5	Sg	02:01:46.615	-0.7	T__	m_e	
AHRW	1.28	304.7	Pn	02:01:30.181	0.0	T__	m_e ML	2.0
AHRW	1.28	304.7	Pg	02:01:31.082	0.2	T__	m_e	
AHRW	1.28	304.7	Sg	02:01:47.139	-0.3	T__	m_e	
UBBA	1.28	38.8	Pn	02:01:30.399	0.2	T__	m_e ML	1.9
UBBA	1.28	38.8	Pg	02:01:31.288	0.3	T__	m_e	
UBBA	1.28	38.8	Sg	02:01:47.695	0.1	T__	m_e	
TUBL	1.32	169.8	Sg	02:01:49.440	0.6	---	m__ ML	2.8
OPP	1.37	195.2	Pn	02:01:30.460	-1.0	---	m__ ML	2.3
OPP	1.37	195.2	Pg	02:01:32.870	0.2	---	m__	
KAST	1.39	351.9	Pn	02:01:32.105	0.4	T__	m_e ML	2.4
KAST	1.39	351.9	Pg	02:01:33.152	0.1	T__	m_e	
KAST	1.39	351.9	Sg	02:01:50.199	-0.8	T__	m_e	
HILG	1.40	290.3	Pn	02:01:32.300	0.5	---	m_e	
BUCH	1.43	163.2	Sg	02:01:53.660	1.3	---	m__ ML	2.8
HOBG	1.46	323.0	Pn	02:01:33.200	0.6	---	m_e	
BFO	1.52	190.1	Pn	02:01:32.640	-0.8	---	m__ ML	2.2
BFO	1.52	190.1	Pg	02:01:35.504	0.1	T__	m_e	
BFO	1.52	190.1	Sg	02:01:54.528	-0.5	T__	m_e	
HDH	1.57	141.5	Pg	02:01:36.660	0.2	---	m__ ML	2.5
HDH	1.57	141.5	Sg	02:01:57.500	0.7	---	m__	
GRA1	1.62	93.8	Pg	02:01:37.159	-0.1	T__	m_e ML	2.6
GRA1	1.62	93.8	Sg	02:01:58.711	0.6	T__	m_e	
BLI	1.62	285.5	Pg	02:01:39.460	2.1	---	m__ ML	2.1
NORI	1.66	131.0	Pg	02:01:37.991	-0.0	T__	m_e	
NORI	1.66	131.0	Sg	02:02:00.153	0.7	T__	m_e	
WLF	1.67	265.5	Pg	02:01:35.620	-2.7	---	m__ ML	2.2
WLF	1.67	265.5	Sg	02:01:59.837	-0.1	T__	m_e	
GUT	1.77	171.6	Pn	02:01:36.750	-0.1	---	m__ ML	2.4
DREG	1.80	298.7	Pn	02:01:37.700	0.4	---	m_e	
BUG	1.86	330.7	Sg	02:02:06.474	0.5	T__	m_e ML	2.3
MEM	1.91	295.3	Pn	02:01:39.400	0.7	---	m__ ML	2.0
ECH	1.91	213.2	Pg	02:01:42.346	-0.4	T__	m_e ML	2.1
ECH	1.91	213.2	Sg	02:02:07.355	-0.1	T__	m_e	
EMING	1.93	177.7	Pn	02:01:38.895	-0.1	T__	m_e	
EMING	1.93	177.7	Pg	02:01:42.942	-0.2	T__	m_e	
EMING	1.93	177.7	Sg	02:02:07.992	-0.2	T__	m_e	
KIZ	1.94	196.2	Pn	02:01:38.050	-1.1	---	m__ ML	2.3
KIZ	1.94	196.2	Sn	02:02:01.260	-1.1	---	m__	
KIZ	1.94	196.2	Sg	02:02:08.020	-0.5	---	m__	
BERGE	1.99	190.7	Pn	02:01:39.107	-0.7	T__	m_e ML	2.1
BERGE	1.99	190.7	Pg	02:01:44.220	-0.0	T__	m_e	
BERGE	1.99	190.7	Sg	02:02:09.276	-0.6	T__	m_e	
GRC1	2.00	113.5	Sg	02:02:09.530	-0.7	---	m__ ML	2.4
MOX	2.02	65.0	Pn	02:01:39.435	-0.8	T__	m_e ML	2.2

MOX	2.02	65.0	Pg	02:01:44.059	-0.8	T__	m_e		
MOX	2.02	65.0	Sg	02:02:10.061	-0.9	T__	m_e		
POSS	2.03	41.2	Pn	02:01:40.555	0.2	T__	m_e ML	2.5	
POSS	2.03	41.2	Pg	02:01:45.557	0.5	T__	m_e		
POSS	2.03	41.2	Sg	02:02:12.208	0.9	T__	m_e		
SLE	2.06	184.4	Pn	02:01:40.250	-0.6	T__	m_e ML	2.6	
SLE	2.06	184.4	Sg	02:02:11.865	-0.5	T__	m_e		
WALHA	2.09	172.7	Sg	02:02:13.517	0.4	T__	m_e		
METMA	2.14	188.6	Sg	02:02:14.091	-0.6	T__	m_e		
MANZ	2.18	84.5	Sg	02:02:15.300	-0.8	T__	m_e ML	2.5	
CHRS	2.22	35.7	Pn	02:01:43.031	0.1	T__	m_e		
CHRS	2.22	35.7	Pg	02:01:48.409	-0.2	T__	m_e		
ROTZ	2.25	90.2	Pg	02:01:49.307	0.2	T__	m_e ML	2.3	
ROTZ	2.25	90.2	Sg	02:02:17.002	-1.1	T__	m_e		
CLZ	2.27	26.6	Pn	02:01:43.811	0.2	T__	m_e		
UBR	2.33	156.5	Sg	02:02:21.936	1.2	T__	m_e ML	2.7	
SULZ	2.33	190.3	Pg	02:01:50.510	-0.2	T__	m_e		
SULZ	2.33	190.3	Sg	02:02:20.729	-0.1	T__	m_e		
FUR	2.36	133.9	Sg	02:02:22.021	0.4	T__	m_e ML	2.7	
WILA	2.41	177.1	Sg	02:02:24.089	0.6	T__	m_e ML	3.0	
BALST	2.58	195.8	Pn	02:01:48.014	0.2	T__	m_e		
BALST	2.58	195.8	Pg	02:01:55.411	-0.0	T__	m_e		
BALST	2.58	195.8	Sg	02:02:29.216	0.4	T__	m_e		
CLL	3.09	59.7	Pn	02:01:54.992	0.2	T__	m_e ML	2.7	
CLL	3.09	59.7	Sg	02:02:44.192	-0.8	T__	m_e		

Event 50406002 East of Heilbronn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/06	05:47:43.12	0.35	0.38	49.0872	9.3840	2.9	1.4	155	10.0	0.0	16	4	009			m i uk	ZAMG	50406032
(felt)																		
2015/04/06	05:47:41.40	0.05	0.31	49.1589	9.6107	1.0	1.0	155	10.0	0.0	29	4	063			m i ke	LDG	50406022
2015/04/06	05:47:41.52	0.28	0.50	49.1500	9.6230	2.2	2.2	011	10.0f		27	15	123	0.47	1.88	m i ke	BGR	50406012
2015/04/06	05:47:41.40	0.20	0.21	49.1600	9.6000	3.0	2.0	121	10.0	3.0	24	11	082	0.19	1.90	m i ke	LED	50406002
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	1.7	0.1	4 ZAMG	50406032
MD	1.9	0.2	2 LDG	50406022
ML	2.2	0.2	5 LDG	50406022
ML	1.7	0.2	5 BGR	50406012
ML	1.6	0.1	25 LED	50406002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SIND	0.19	1.1	Pg	05:47:45.520	0.2					T__				mci ML	1.8
SIND	0.19	1.1	Sg	05:47:48.220	0.2					T__				m__	
STU	0.47	214.6	Pg	05:47:50.300	-0.2					T__				m__ ML	1.5
STU	0.47	214.6	PmP	05:47:52.480	-1.2					T__				m__	
STU	0.47	214.6	Sg	05:47:57.033	0.4					---				m_e	
BRET	0.61	256.5	P*	05:47:53.280						---				m__ ML	1.5
BRET	0.61	256.5	Pg	05:47:52.960	-0.1					T__				m__	
SWS	0.67	299.3	Pg	05:47:54.800	0.7					T__				m__ ML	1.8

SWS	0.67	299.3	Sg	05:48:03.100	0.2	T__	m__		
SWS	0.67	299.3	SmS	05:48:05.170	-1.9	T__	m__		
TOD	0.68	311.0	Pg	05:47:54.760	0.4	T__	m__		
TOD	0.68	311.0	Sg	05:48:03.760	0.5	___	m__		
HDH	0.70	145.0	Pg	05:47:55.070	0.4	T__	m__	ML	1.4
HDH	0.70	145.0	PmP	05:47:55.710	-1.4	T__	m__		
HDH	0.70	145.0	Sg	05:48:04.050	0.2	T__	m__		
HDH	0.70	145.0	SmS	05:48:06.190	-1.7	T__	m__		
WBA	0.71	314.4	Sg	05:48:04.940	0.8	___	m__	ML	1.4
TUBL	0.72	208.3	Pg	05:47:54.980	-0.1	___	m__	ML	1.6
LBG	0.73	227.1	Pg	05:47:55.010	-0.2	T__	md	ML	1.7
LBG	0.73	227.1	PmP	05:47:55.780	-1.7	T__	m__		
LBG	0.73	227.1	SmS	05:48:06.900	-1.6	T__	m__		
BUCH	0.73	193.0	Pg	05:47:55.390	0.2	T__	m__	ML	1.5
BUCH	0.73	193.0	PmP	05:47:56.500	-1.0	T__	m__		
BUCH	0.73	193.0	Sg	05:48:05.020	0.3	T__	m__		
NORI	0.80	122.8	Pg	05:47:56.854	0.2	___	m_e		
NORI	0.80	122.8	Sg	05:48:07.250	0.1	___	m_e		
WBB	0.91	318.6	Pg	05:47:59.810	1.1	___	m__	ML	1.4
ROTT	0.95	268.7	Pg	05:48:00.010	0.6	___	m__	ML	1.4
LDE	0.95	271.5	Sg	05:48:13.750	1.9	___	m_e		
TMO64	0.99	271.2	Sg	05:48:14.642	1.7	___	m_e		
KTD	1.00	279.8	Pg	05:48:00.526	0.1	___	m_e		
KTD	1.00	279.8	Sg	05:48:14.468	1.1	___	m_e		
GUT	1.14	196.6	Pn	05:48:01.400	-1.3	T__	m__	ML	1.8
GUT	1.14	196.6	Pg	05:48:03.060	0.2	T__	m__		
GUT	1.14	196.6	Sn	05:48:16.540	-1.2	___	m__		
GUT	1.14	196.6	Sg	05:48:18.330	0.8	T__	m__		
OPP	1.14	235.1	Sg	05:48:18.560	0.8	___	m__	ML	1.7
BFO	1.18	225.7	Pn	05:48:01.910	-1.4	___	m__	ML	1.6
BFO	1.18	225.7	Pg	05:48:03.920	0.2	T__	m__		
BFO	1.18	225.7	Sg	05:48:19.052	0.1	___	m_e		
GRA1	1.18	62.6	Pn	05:48:03.490	0.2	___	m__	ML	1.9
GRA1	1.18	62.6	Pg	05:48:03.880	0.1	T__	m__		
GRA1	1.18	62.6	Sg	05:48:18.429	-0.6	___	m_e		
IMS	1.19	292.1	Pg	05:48:03.760	-0.1	___	m__	ML	1.3
IMS	1.19	292.1	Sg	05:48:19.770	0.5	___	m__		
PEB	1.24	266.4	Pn	05:48:03.470	-0.6	___	m__	ML	1.5
GRC1	1.27	96.7	Pn	05:48:04.860	0.4	___	m__	ML	1.8
GRC1	1.27	96.7	PmP	05:48:05.580	-1.2	___	m__		
GRC1	1.27	96.7	SmS	05:48:21.490	-2.7	___	m__		
EMING	1.36	201.8	Pg	05:48:07.150	0.1	___	m__	ML	1.8
EMING	1.36	201.8	Sg	05:48:24.602	-0.1	___	m_e		
WALHA	1.44	192.8	Pg	05:48:08.764	0.1	___	m_e		
WALHA	1.44	192.8	Sg	05:48:27.530	0.2	___	m_e		
ABH	1.52	299.2	Pg	05:48:10.506	0.5	___	m_e		
ABH	1.52	299.2	Sg	05:48:29.855	0.2	___	m_e		
UBR	1.52	167.0	Sg	05:48:29.824	0.1	___	m_e	ML	1.9
SLE	1.58	208.2	Pg	05:48:10.600	-0.5	___	m__	ML	1.5
SLE	1.58	208.2	Sn	05:48:26.920	-1.1	___	m__		
BERGE	1.60	216.7	Pg	05:48:11.520	-0.0	___	m__	ML	1.5
BERGE	1.60	216.7	Sg	05:48:31.460	-0.7	___	m_e		
KIZ	1.64	223.4	Pg	05:48:12.270	-0.1	___	m__	ML	1.7
WLS	1.66	244.1	Pg	05:48:12.730	0.0	___	m__	ML	1.7

FELD	1.66	220.1	Pg	05:48:12.730	-0.1	---	m__ ML	1.3
WILA	1.81	195.0	Pg	05:48:15.548	0.1	---	m_e ML	1.9
WILA	1.81	195.0	Sg	05:48:38.450	-0.4	---	m_e	
ECH	1.87	240.6	Pg	05:48:17.029	0.4	---	m_e	
ECH	1.87	240.6	Sg	05:48:40.360	-0.4	---	m_e	
END	1.90	221.2	Pg	05:48:17.170	-0.1	---	m__ ML	1.4

Event 50408001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/08	04:09:09.07	0.72	0.56	51.2913	15.8883	7.2	4.4	048	0.0	0.0	24	5	007			m i sr	ZAMG	50408011
2015/04/08	04:09:07.67	0.41	0.63	51.4320	16.0970	4.4	2.2	012	1.0f		30	15	208	0.60	3.55	m i ki	BGR	50408001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.1	9 ZAMG	50408011
ML	3.0	0.3	14 BGR	50408001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.60	168.1	Pg	04:09:19.033	0.0					T__				m_e ML	2.4
KSP	0.60	168.1	Sg	04:09:27.526	0.7					T__				m_e	
DPC	1.09	172.4	Pg	04:09:27.883	-0.4					T__				m_e ML	3.2
DPC	1.09	172.4	Sg	04:09:42.517	0.2					T__				m_e	
BRG	1.46	248.4	Pg	04:09:34.800	-0.4					T__				m_e ML	2.8
BRG	1.46	248.4	Sg	04:09:54.772	0.6					T__				m_e	
FBE	1.79	254.5	Pg	04:09:40.809	-0.7					T__				m_e ML	2.7
FBE	1.79	254.5	Sg	04:10:04.156	-0.5					T__				m_e	
MORC	1.89	150.4	Pn	04:09:40.099	-0.2					T__				m_e ML	3.4
MORC	1.89	150.4	Sg	04:10:06.793	-1.0					T__				m_e	
CLL	1.94	267.5	Sg	04:10:08.642	-0.5					T__				m_e ML	2.8
OKC	2.06	140.0	Sg	04:10:11.782	-1.3					T__				m_e ML	2.7
TANN	2.51	247.5	Pn	04:09:48.802	0.2					T__				m_e ML	3.1
TANN	2.51	247.5	Pg	04:09:55.273	0.4					T__				m_e	
TANN	2.51	247.5	Sg	04:10:26.917	-0.4					T__				m_e	
WERD	2.58	249.1	Pn	04:09:49.807	0.2					T__				m_e ML	3.1
WERD	2.58	249.1	Pg	04:09:56.245	-0.1					T__				m_e	
WERD	2.58	249.1	Sg	04:10:29.878	0.1					T__				m_e	
OJC	2.63	116.0	Pn	04:09:49.895	-0.4					T__				m_e ML	3.2
OJC	2.63	116.0	Pg	04:09:57.527	0.2					T__				m_e	
OJC	2.63	116.0	Sg	04:10:32.457	1.1					T__				m_e	
MANZ	2.91	241.8	Pn	04:09:54.413	0.3					T__				m_e	
ROTZ	2.98	237.5	Pn	04:09:55.500	0.5					T__				m_e ML	3.0
ROTZ	2.98	237.5	Sg	04:10:41.734	-0.5					T__				m_e	
GEC2	3.01	211.6	Pn	04:09:56.160	0.8					T__				m_e ML	3.2
GEC2	3.01	211.6	Sg	04:10:43.407	0.2					T__				m_e	
WET	3.08	223.2	Pn	04:09:56.719	0.4					T__				m_e ML	3.0
WET	3.08	223.2	Sg	04:10:46.927	1.5					T__				m_e	
GRA1	3.55	242.6	Pn	04:10:03.318	0.5					T__				m_e ML	3.5
GRA1	3.55	242.6	Sg	04:11:01.068	0.6					T__				m_e	

Event 50411002 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/11	05:33:14.50	0.05	0.78	44.5184	6.7456	1.1	0.9	059	2.0	0.0	231	42	017			m i ke	LDG	50411012
2015/04/11	05:33:14.63	0.82	0.73	44.4090	6.3270	18.9	10.0	123	10.0f		21	15	322	3.08	6.15	m i ke	BGR	50411002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.4	0.1	2 LDG	50411012
ML	3.6	0.3	62 LDG	50411012
ML	3.7	0.2	11 BGR	50411002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	3.08	17.5	Pn	05:34:02.017	-0.2					T__				m_e	ML 3.7
SULZ	3.36	21.1	Pn	05:34:05.415	-0.6					T__				m_e	ML 3.9
PLONS	3.39	37.8	Pn	05:34:06.594	0.1					T__				m_e	ML 3.6
WILA	3.50	29.9	Pn	05:34:08.244	0.3					T__				m_e	ML 4.0
METMA	3.56	21.3	Pn	05:34:07.976	-0.9					T__				m_e	ML 3.4
METMA	3.56	21.3	Sn	05:34:47.261	-0.7					T__				m_e	
SLE	3.68	23.3	Pn	05:34:09.132	-1.3					T__				m_e	ML 4.0
SLE	3.68	23.3	Sn	05:34:50.552	-0.1					T__				m_e	
BERGE	3.69	19.7	Pn	05:34:09.346	-1.2					T__				m_e	ML 3.4
BERGE	3.69	19.7	Sn	05:34:50.171	-0.9					T__				m_e	
ECH	3.85	8.3	Pn	05:34:12.395	-0.3					T__				m_e	ML 3.4
WALHA	3.86	29.1	Pn	05:34:12.798	-0.1					T__				m_e	ML 4.0
WALHA	3.86	29.1	Sn	05:34:55.338	0.2					T__				m_e	
EMING	3.90	25.7	Pn	05:34:12.622	-0.8					T__				m_e	ML 3.7
EMING	3.90	25.7	Sn	05:34:55.514	-0.4					T__				m_e	
OBER	4.07	41.2	Pn	05:34:16.927	1.2					T__				m_e	
BFO	4.16	18.7	Pn	05:34:15.527	-1.4					T__				m_e	ML 3.5
UBR	4.19	37.4	Pn	05:34:16.755	-0.6					T__				m_e	
UBR	4.19	37.4	Sn	05:35:02.622	-0.2					T__				m_e	
RIVT	5.31	3.1	Pn	05:34:33.297	0.8					T__				m_e	
AHRW	6.15	4.4	Pn	05:34:45.058	1.1					T__				m_e	

Event 50412001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/12	00:05:31.80	0.11	2.01	43.7847	18.6345	3.9	2.5	032	10.0f		267	40	039			m i ke	LDG	50412011
2015/04/12	00:05:34.38	0.50	0.84	43.7110	18.6600	8.9	5.6	009	10.0f		33	29	222	3.78	9.52	m i ke	BGR	50412001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.8	0.4	35 LDG	50412011
ML	4.2	0.1	3 BGR	50412001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUD	3.78	3.7	Pn	00:06:29.671	-1.9					T__				m_e	
OBKA	4.03	315.4	Pn	00:06:34.328	-0.6					T__				m_e	ML 4.4
ARSA	4.17	329.3	Pn	00:06:35.334	-1.4					T__				m_e	ML 4.1
ARSA	4.17	329.3	Sn	00:07:21.530	-0.4					T__				m_e	
SOP	4.23	340.5	Pn	00:06:35.648	-2.0					T__				m_e	

PSZ	4.29	11.1	Pn	00:06:36.656	-1.8	T__	m_e	ML	4.1
PSZ	4.29	11.1	Sn	00:07:25.022	0.1	T__	m_e		
KBA	5.02	313.9	Pn	00:06:48.184	-0.2	T__	m_e		
MOA	5.15	325.0	Pn	00:06:49.582	-0.5	T__	m_e		
JAVC	5.19	352.8	Pn	00:06:50.274	-0.4	T__	m_e		
WTTA	6.07	308.3	Pn	00:07:02.915	0.4	T__	m_e		
KW1	6.10	318.4	Pn	00:07:02.661	-0.3	T__	m_e		
GEC2	6.17	328.0	Pn	00:07:03.445	-0.5	T__	m_e		
PART	6.49	308.3	Pn	00:07:08.585	0.3	T__	m_e		
ZUGS	6.53	307.3	Pn	00:07:09.395	0.6	T__	m_e		
BE1	6.67	311.6	Pn	00:07:10.622	-0.0	T__	m_e		
WET	6.73	325.8	Pn	00:07:11.299	-0.3	T__	m_e		
WET	6.73	325.8	Sn	00:08:22.410	0.1	T__	m_e		
FUR	6.79	313.5	Pn	00:07:11.938	-0.4	T__	m_e		
OBEB	6.92	305.2	Pn	00:07:14.319	0.2	T__	m_e		
TIRR	7.04	80.5	Pn	00:07:15.931	0.2	T__	m_e		
DAVA	7.11	303.2	Pn	00:07:16.981	0.3	T__	m_e		
UBR	7.17	306.6	Pn	00:07:17.254	-0.2	T__	m_e		
NORI	7.48	314.9	Pn	00:07:20.606	-1.0	T__	m_e		
ROTZ	7.49	326.2	Pn	00:07:21.270	-0.6	T__	m_e		
MANZ	7.70	326.8	Pn	00:07:23.926	-0.8	T__	m_e		
MANZ	7.70	326.8	Sn	00:08:46.266	1.2	T__	m_e		
GRA1	7.85	322.2	Pn	00:07:25.918	-0.8	T__	m_e		
STU	8.26	311.1	Pn	00:07:31.249	-1.1	T__	m_e		
MOX	8.42	327.9	Pn	00:07:34.581	0.2	T__	m_e		
BFO	8.52	306.4	Pn	00:07:34.721	-1.1	T__	m_e		
TNS	9.52	316.7	Pn	00:07:48.217	-1.2	T__	m_e		

Event 50414005 Mayen/Eifel, W of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/14	21:28:33.30	0.09	0.35	50.4152	7.2793	1.4	1.1	043	10.0f		37	12	137			m i ke	LDG	50414045
2015/04/14	21:28:33.10	0.10	0.10	50.4100	7.3000	4.0	1.0	045	10.0f		9	6	164	0.08	2.20	m i ke	LED	50414035
2015/04/14	21:28:32.70	0.41	0.21	50.3920	7.2800				11.9	1.7		11	113			m i ke	GDNRW	50414025
2015/04/14	21:28:33.70	0.35	0.47	50.3890	7.2730	5.6	4.4	112	10.0f		9	7	095	0.20	1.41	m i ke	BGR	50414015
2015/04/14	21:28:32.40	0.91	0.31	50.3920	7.2800				16.8	14.3		7	087	0.19	0.59	m i ke	BNS	50414005

Magnitude	Err	Nsta	Author	OrigID
MD	2.2	0.2	2 LDG	50414045
ML	2.6	0.3	12 LDG	50414045
ML	1.7	0.1	11 LED	50414035
ML	1.5		GDNRW	50414025
ML	2.1	0.1	5 BGR	50414015
ML	1.5		BNS	50414005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OCHT	0.07	137.1	Pg	21:28:35.330	-0.2									m__	ML 1.7
OCHT	0.07	137.1	Sg	21:28:37.140	-0.6									m__	
BHE	0.08	238.6	Pg	21:28:35.560	-0.0									m__	
BHE	0.08	238.6	Sg	21:28:37.270	-0.5							239.7	0.53	m__	
BGG	0.19	168.9	Pg	21:28:37.403	0.4					T__				m_e	

BGG	0.19	168.9	Sg	21:28:39.884	-0.2	T__	60.0	0.95	m_e										
AHRW	0.20	319.0	Pg	21:28:37.154	0.1	T__			m_e	ML	1.7								
AHRW	0.20	319.0	Sg	21:28:40.911	0.6	---			m_e										
TDN	0.28	310.7	Pg	21:28:38.600	0.2	---			m_										
TDN	0.28	310.7	Sg	21:28:42.330	-0.2	---	58.0	0.55	m_										
KOE	0.29	83.2	Pg	21:28:38.877	0.3	T__			m_e										
STB	0.35	306.0	Pg	21:28:39.562	0.1	T__			m_e										
HILG	0.40	255.6	Pg	21:28:40.588	0.2	T__			m_e										
GWBD	0.49	124.7	Sg	21:28:49.520	1.0	---			m_										
LOH	0.52	246.5	Pg	21:28:42.920	0.3	---			m_e										
LOH	0.52	246.5	Sg	21:28:50.440	0.8	---	25.6	0.55	m_										
ABH	0.54	161.3	Pg	21:28:43.946	1.0	---			m_e	ML	1.6								
ABH	0.54	161.3	Sg	21:28:50.590	0.4	---			m_										
OLFT	0.56	280.9	Sg	21:28:51.030	0.3	---			m_e										
HOBG	0.59	3.3	Pg	21:28:43.302	-0.6	T__			m_e										
GWBC	0.63	89.6	Sg	21:28:53.920	0.9	---			m_	ML	1.4								
GWBE	0.64	116.0	Sg	21:28:52.840	-0.5	---			m_										
GSH	0.67	301.3	Sg	21:28:54.770	0.6	---	13.6	0.41	m_e										
RIVT	0.76	206.0	Pg	21:28:48.530	1.5	---			m_	ML	1.9								
RIVT	0.76	206.0	Sg	21:28:58.520	1.5	---			m_										
TNS	0.76	102.4	Pg	21:28:48.197	1.1	---			m_e	ML	1.9								
TNS	0.76	102.4	Sg	21:28:59.820	2.7	---			m_										
MEM	0.84	285.5	Sg	21:28:59.610	0.2	---			m_	ML	1.6								
ENTS	0.85	5.5	Sg	21:29:00.230	0.3	---			m_e										
IMS	0.89	153.2	Sg	21:29:02.640	1.5	---			m_	ML	1.9								
WLF	1.03	225.3	Sg	21:29:06.198	0.8	---			m_e	ML	2.0								
BUG	1.05	359.6	Sg	21:29:07.770	1.7	---			m_e	ML	2.1								
SORT	1.05	24.2	Sg	21:29:06.140	-0.0	---	14.7	0.58	m_e										
KAST	1.08	41.1	Pg	21:28:53.336	0.3	---			m_e	ML	2.0								
KAST	1.08	41.1	Sg	21:29:08.394	1.3	---			m_e										
ROTT	1.38	155.7	Sg	21:29:17.510	0.9	---			m_	ML	2.0								
MILB	1.41	112.8	Pg	21:29:01.084	2.0	---			m_e	ML	2.3								
BRET	1.65	146.0	Sg	21:29:26.060	0.9	---			m_	ML	1.9								
ECH	2.18	182.1	Sg	21:29:42.860	1.1	---			m_										

Event 50416001 E of Halle a. d. Saale

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/16	06:38:09.70	0.10	0.78	51.4202	12.1011	2.2	1.8	015	20.0f		95	14	123			m i ke	LDG	50416031
2015/04/16	06:38:09.20	0.75	0.41	51.4300	12.1240				10.0f			8	171	0.56	3.78	m i ke	BNS	50416021
2015/04/16	06:38:08.75	0.18		51.4300	12.1420	1.1	1.1	047	20.8	0.5	98	40	125	0.32	2.74	m i ke	BGR	50416011
2015/04/16	06:38:09.40	0.26	0.24	51.4280	12.1420				26.6	1.0	70	35	154	0.32	1.48	m i ke	CLL	50416001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.2	16 LDG	50416031
ML	3.1		BNS	50416021
ML	3.3	0.3	32 BGR	50416011
ML	3.2	0.4	23 CLL	50416001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NEUB	0.32	226.4	Pg	06:38:16.410	-0.5					T__				mce	ML 3.8

NEUB	0.32	226.4	Sg	06:38:21.680	-0.4	T__	8191.5	0.41	m_e		
ZEITZ	0.38	181.5	Pg	06:38:17.200	-0.6	T__			mdi ML	3.6	
ZEITZ	0.38	181.5	Sg	06:38:22.940	-0.7	T__	4362.1	0.35	m_e		
WIMM	0.41	283.4	Pg	06:38:17.690	-0.6	T__			mci ML	2.9	
WIMM	0.41	283.4	Sg	06:38:23.810	-0.6	T__	879.9	0.26	m_e		
TAUT	0.52	211.4	Pg	06:38:19.700	-0.5	T__			mce ML	3.8	
TAUT	0.52	211.4	Sg	06:38:26.790	-0.8	T__	5678.7	0.29	m_e		
MODW	0.53	157.0	Pg	06:38:19.640	-0.7	T__			mdi ML	2.9	
MODW	0.53	157.0	Sg	06:38:27.540	-0.2	T__	773.0	0.69	m_e		
ABG1	0.54	149.6	Pg	06:38:19.690	-0.8	T__			mdi ML	3.9	
ABG1	0.54	149.6	Sg	06:38:27.610	-0.4	T__	6499.3	0.45	m_e		
CLL	0.55	102.3	Pg	06:38:20.010	-0.7	T__			mci ML	3.3	
CLL	0.55	102.3	Sg	06:38:27.510	-1.0	T__	1739.1	0.25	m_e		
HKWD	0.60	172.4	Pg	06:38:20.900	-0.7	T__			mde ML	3.5	
HKWD	0.60	172.4	Sg	06:38:29.100	-0.9	T__	2475.1	0.19	m_e		
ANNA	0.63	149.8	Pg	06:38:21.100	-1.0	T__			mdi ML	3.4	
ANNA	0.63	149.8	Sg	06:38:29.670	-1.1	T__	1948.7	0.32	m_i		
MLFH	0.64	183.5	Pg	06:38:21.340	-0.9	---			mce ML	3.6	
MLFH	0.64	183.5	Sg	06:38:30.320	-0.8	---			m_e		
GRZ1	0.74	176.2	Pg	06:38:23.020	-1.0	T__			mci ML	3.2	
GRZ1	0.74	176.2	Sg	06:38:32.870	-1.2	T__	1081.5	0.30	m_e		
ZEU	0.76	187.9	Pg	06:38:23.340	-1.2	T__			mce		
ZEU	0.76	187.9	Sg	06:38:34.080	-0.8	T__			m_e		
SCHF	0.77	167.6	Pg	06:38:23.430	-1.1	T__			mce ML	3.2	
SCHF	0.77	167.6	Sg	06:38:33.680	-1.3	T__	1063.8	0.25	m_e		
POSS	0.80	263.7	Pg	06:38:23.954	-1.2	---			m_e ML	3.8	
POSS	0.80	263.7	Sg	06:38:34.905	-1.1	---			m_e		
CHRS	0.84	283.0	Pg	06:38:24.740	-1.2	T__			mce		
CHRS	0.84	283.0	Sg	06:38:35.960	-1.3	T__			m_e		
MOX	0.85	203.1	Pn	06:38:24.510	-0.4	T__			mce ML	3.2	
MOX	0.85	203.1	Pg	06:38:24.970	-1.1	---			m_e		
MOX	0.85	203.1	Sg	06:38:36.170	-1.3	T__	898.8	0.13	m_e		
GAL	0.87	156.6	Pn	06:38:25.463	0.4	---			m_e		
GAL	0.87	156.6	Pg	06:38:25.967	-0.4	---			m_e		
GAL	0.87	156.6	Sn	06:38:36.533	0.4	---			m_e		
GAL	0.87	156.6	Sg	06:38:37.313	-0.6	---			m_e		
FBE	0.91	123.2	Pn	06:38:25.670	-0.0	T__			mde ML	3.3	
FBE	0.91	123.2	Pg	06:38:26.327	-0.9	---			m_e		
FBE	0.91	123.2	Sn	06:38:37.703	0.4	---			m_e		
FBE	0.91	123.2	Sg	06:38:38.190	-1.2	T__			m_i		
HWTS	0.94	207.0	Pn	06:38:25.740	-0.3	T__			mci ML	3.3	
HWTS	0.94	207.0	Pg	06:38:26.369	-1.2	---			m_e		
HWTS	0.94	207.0	Sg	06:38:38.030	-2.1	T__			m_e		
PLN	0.94	179.4	Pn	06:38:25.770	-0.3	T__			mci ML	2.8	
PLN	0.94	179.4	Pg	06:38:26.298	-1.4	---			m_e		
PLN	0.94	179.4	Sn	06:38:38.586	0.6	---			m_e		
PLN	0.94	179.4	Sg	06:38:39.050	-1.3	T__	332.1	0.23	m_e		
WERD	0.99	173.9	Pn	06:38:26.380	-0.3	T__			mce ML	3.1	
WERD	0.99	173.9	Pg	06:38:27.193	-1.3	---			m_e		
WERD	0.99	173.9	Sg	06:38:40.460	-1.2	T__	596.8	0.09	m_i		
MULD	1.03	170.6	Pn	06:38:26.990	-0.3	T__			mce ML	2.8	
MULD	1.03	170.6	Pg	06:38:28.013	-1.3	---			m_e		
MULD	1.03	170.6	Sg	06:38:41.610	-1.3	T__	341.8	0.11	m_i		
TANN	1.03	168.6	Pn	06:38:27.130	-0.2	T__			mce ML	3.1	

TANN	1.03	168.6	Pg	06:38:28.299	-1.1	---				m_e		
TANN	1.03	168.6	Sg	06:38:41.670	-1.4	T_	659.5	0.61		m_e		
LEIB	1.04	215.5	Pn	06:38:27.050	-0.3	T_				mce ML	2.6	
LEIB	1.04	215.5	Sg	06:38:41.580	-1.6	T_	205.9	0.53		m_e		
FLT1	1.06	328.6	Pn	06:38:27.425	-0.3	---				m_e ML	3.0	
FLT1	1.06	328.6	Sn	06:38:40.685	-0.1	---				m_e		
FLT1	1.06	328.6	Sg	06:38:42.057	-1.9	---				m_e		
WESF	1.07	213.7	Pn	06:38:27.460	-0.3	T_				mci		
WESF	1.07	213.7	Sg	06:38:42.220	-1.9	T_				m_e		
GUNZ	1.07	173.5	Pn	06:38:27.510	-0.3	T_				mce ML	3.0	
GUNZ	1.07	173.5	Pg	06:38:28.772	-1.3	---				m_e		
GUNZ	1.07	173.5	Sg	06:38:42.760	-1.5	T_	472.8	0.34		m_i		
TRIB	1.08	180.2	Pn	06:38:27.490	-0.4	T_				mce ML	2.7	
TRIB	1.08	180.2	Sg	06:38:42.560	-1.9	T_	258.1	0.55		m_i		
ASSE	1.15	308.3	Pn	06:38:28.810	-0.1	T_				m_e ML	3.1	
ASSE	1.15	308.3	Pg	06:38:30.359	-1.2	---				m_e		
ASSE	1.15	308.3	Sg	06:38:45.770	-0.9	T_				m_e		
WERN	1.15	172.5	Pn	06:38:28.800	-0.1	T_				mce ML	3.0	
WERN	1.15	172.5	Sn	06:38:43.195	0.3	---				m_e		
WERN	1.15	172.5	Sg	06:38:44.970	-1.7	T_	386.2	0.22		m_e		
CLZ	1.17	291.3	Pn	06:38:29.570	0.3	T_				mce ML	3.4	
CLZ	1.17	291.3	Pg	06:38:30.851	-1.1	---				m_e		
CLZ	1.17	291.3	Sn	06:38:44.257	0.9	---				m_e		
CLZ	1.17	291.3	Sg	06:38:46.199	-1.3	---				m_e		
CRUX	1.18	226.3	Pn	06:38:29.080	-0.3	T_				mce		
CRUX	1.18	226.3	Sg	06:38:45.860	-1.9	T_				m_e		
ROHR	1.20	174.6	Pn	06:38:29.360	-0.2	T_				mce ML	3.1	
ROHR	1.20	174.6	Pg	06:38:31.632	-0.8	---				m_e		
ROHR	1.20	174.6	Sg	06:38:46.630	-1.6	T_	506.6	0.30		m_e		
NKC	1.21	170.7	Pn	06:38:29.540	-0.2	T_				mce ML	3.2	
NKC	1.21	170.7	Sg	06:38:47.430	-1.2	T_	610.1	0.45		m_e		
BBWF	1.24	236.7	Pn	06:38:30.026	-0.1	---				m_e		
BBWF	1.24	236.7	Sn	06:38:45.130	0.2	---				m_e		
BBWF	1.24	236.7	Sg	06:38:47.735	-1.8	---				m_e		
VIEL	1.24	181.2	Pn	06:38:29.880	-0.3	T_				mce		
VIEL	1.24	181.2	Sg	06:38:48.200	-1.4	T_				m_e		
BRG	1.26	115.5	Pn	06:38:30.560	0.2	T_				mde ML	2.7	
BRG	1.26	115.5	Sg	06:38:48.010	-2.1	T_	199.4	0.43		m_e		
GTTG	1.36	275.8	Pn	06:38:33.290	1.5	T_				mce ML	3.8	
GTTG	1.36	275.8	Sg	06:38:51.490	-1.8	T_				m_e		
VITZ	1.40	248.0	Pn	06:38:32.620	0.4	T_				mdi ML	3.6	
VITZ	1.40	248.0	Sg	06:38:52.760	-1.6	T_				m_e		
MANZ	1.44	180.9	Pn	06:38:32.505	-0.4	---				m_e ML	3.3	
MANZ	1.44	180.9	Sn	06:38:50.123	0.4	---				m_e		
MANZ	1.44	180.9	Sg	06:38:54.057	-1.8	---				m_e		
UBBA	1.48	246.4	Pn	06:38:33.250	-0.1	T_				mce ML	3.0	
UBBA	1.48	246.4	Sg	06:38:55.940	-0.9	T_				m_e		
HROE	1.53	235.3	Pn	06:38:34.263	0.1	---				m_e		
HROE	1.53	235.3	Sn	06:38:52.340	0.4	---				m_e		
HROE	1.53	235.3	Sg	06:38:57.099	-1.6	---				m_e		
ROTZ	1.66	178.6	Pn	06:38:35.593	-0.3	---				m_e ML	3.1	
ROTZ	1.66	178.6	Sg	06:39:01.136	-1.6	---				m_e		
GRA1	1.83	199.0	Pn	06:38:38.022	-0.1	---				m_e ML	3.6	
GRA1	1.83	199.0	Sn	06:38:59.860	1.0	---				m_e		

GRA1	1.83	199.0	Sg	06:39:07.173	-0.9	---	m_e		
WET	2.33	168.1	Sg	06:39:22.527	-1.3	---	m_e ML	3.3	
KAST	2.34	265.9	Pn	06:38:45.583	0.5	---	m_e ML	3.1	
KAST	2.34	265.9	Pg	06:38:52.685	-1.0	---	m_e		
KAST	2.34	265.9	Sn	06:39:11.039	0.2	---	m_e		
KAST	2.34	265.9	Sg	06:39:23.410	-0.7	---	m_e		
TNS	2.63	244.1	Sg	06:39:31.901	-1.3	---	m_e ML	3.4	
BSEG	2.74	336.9	Pn	06:38:50.996	0.5	---	m_e		
KOE	2.95	251.9	Pn	06:38:54.500	1.1	---	m_e		
HOBG	3.04	263.5	Pn	06:38:56.800	2.2	---	m_e		
BGG	3.27	249.9	Pn	06:38:59.500	1.8	---	m_e		
STB	3.44	258.0	Pn	06:39:01.900	2.0	---	m_e		
DREG	3.79	260.7	Pn	06:39:06.300	1.6	---	m_e		

Event 50416002 E of Halle a. d. Saale

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/16	07:35:51.44	0.34		51.4300	12.1450	2.2	1.1	035	23.5	1.9	31	16	179	0.32	1.03	m i ke	BGR	50416032

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	14 BGR	50416032

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NEUB	0.32	226.3	Pg	07:35:58.956	0.3					T_				m_e ML	2.2
NEUB	0.32	226.3	Sg	07:36:03.871	0.2					T_				m_e	
WIMM	0.41	283.1	Pg	07:36:00.125	0.0					T_				m_e ML	1.5
WIMM	0.41	283.1	Sg	07:36:06.062	-0.0					T_				m_e	
TAUT	0.52	211.4	Pg	07:36:02.108	0.0					T_				m_e ML	2.4
TAUT	0.52	211.4	Sg	07:36:09.125	-0.3					T_				m_e	
MODW	0.53	157.3	Pg	07:36:02.071	-0.1					T_				m_e ML	1.7
MODW	0.53	157.3	Sg	07:36:09.462	-0.0					T_				m_e	
ABG1	0.54	149.9	Pg	07:36:02.183	-0.1					T_				m_e	
ABG1	0.54	149.9	Sg	07:36:09.455	-0.3					T_				m_e	
CLL	0.55	102.5	Pg	07:36:02.451	-0.1					T_				m_e ML	2.2
CLL	0.55	102.5	Sg	07:36:09.975	-0.2					T_				m_e	
HKWD	0.61	172.6	Pg	07:36:03.311	-0.2					T_				m_e ML	2.3
HKWD	0.61	172.6	Sg	07:36:11.514	-0.3					T_				m_e	
MLFH	0.64	183.6	Pg	07:36:03.916	-0.2					T_				m_e ML	2.2
MLFH	0.64	183.6	Sg	07:36:12.484	-0.4					T_				m_e	
SCHF	0.77	167.7	Pg	07:36:05.884	-0.6					T_				m_e ML	2.1
SCHF	0.77	167.7	Sg	07:36:16.195	-0.6					T_				m_e	
POSS	0.80	263.6	Pg	07:36:06.516	-0.6					T_				m_e ML	2.3
POSS	0.80	263.6	Sg	07:36:17.413	-0.4					T_				m_e	
CHRS	0.84	282.8	Pn	07:36:07.157	-0.0					T_				m_e	
CHRS	0.84	282.8	Pg	07:36:07.477	-0.4					T_				m_e	
CHRS	0.84	282.8	Sg	07:36:18.498	-0.6					T_				m_e	
MOX	0.85	203.2	Pn	07:36:06.927	-0.4					T_				m_e ML	1.8
MOX	0.85	203.2	Pg	07:36:07.401	-0.6					T_				m_e	
MOX	0.85	203.2	Sg	07:36:18.537	-0.8					T_				m_e	
HWTS	0.94	207.1	Pn	07:36:08.157	-0.3					T_				m_e ML	1.8
HWTS	0.94	207.1	Sg	07:36:21.325	-0.7					T_				m_e	
WERD	0.99	174.0	Sg	07:36:22.453	-1.1					T_				m_e ML	2.0

MULD	1.03	170.7	Sg	07:36:23.871	-1.0	T__	m_e	ML	1.8
TANN	1.03	168.8	Sg	07:36:24.077	-0.9	T__	m_e	ML	1.7

Event 50416009 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/16	15:01:23.70	0.15	1.51	44.1457	10.9521	3.5	3.1	021	14.0f		140	33	042			m i ke	LDG	50416019
2015/04/16	15:01:21.01	0.94	1.06	43.8850	10.9420	21.1	14.5	112	10.0f		16	10	319	3.41	5.42	m i ke	BGR	50416009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.3	0.1	2 LDG	50416019
ML	3.4	0.2	31 LDG	50416019
ML	3.7	0.1	4 BGR	50416009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	3.41	7.9	Pn	15:02:13.488	0.3					T__				m_e	ML 3.8
WTTA	3.41	7.9	Sn	15:02:52.341	1.5					T__				m_e	
DAVA	3.48	348.1	Pn	15:02:14.575	0.5					T__				m_e	ML 3.6
ZUGS	3.53	0.4	Pn	15:02:14.995	0.2					T__				m_e	
ZUGS	3.53	0.4	Sn	15:02:52.937	-0.7					T__				m_e	
OBER	3.55	352.9	Pn	15:02:15.663	0.6					T__				m_e	
PART	3.61	1.9	Pn	15:02:15.689	-0.2					T__				m_e	
PART	3.61	1.9	Sn	15:02:54.351	-1.2					T__				m_e	
UBR	3.84	351.6	Pn	15:02:18.850	-0.1					T__				m_e	ML 3.7
UBR	3.84	351.6	Sn	15:02:59.726	-1.2					T__				m_e	
RJOB	4.06	17.9	Pn	15:02:22.419	0.4					T__				m_e	ML 3.5
RJOB	4.06	17.9	Sn	15:03:07.363	1.2					T__				m_e	
BFO	4.80	338.8	Pn	15:02:30.690	-1.3					T__				m_e	
GEC2	5.31	20.0	Pn	15:02:37.712	-1.2					T__				m_e	
GEC2	5.31	20.0	Sn	15:03:32.822	-2.7					T__				m_e	
WET	5.42	13.5	Pn	15:02:38.638	-1.8					T__				m_e	

Event 50417001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/17	22:16:19.90	0.11	0.94	50.2915	18.9350	3.4	2.0	009	1.0f		96	24	038			m i sr	LDG	50417021
2015/04/17	22:16:21.33	0.40	0.86	50.2654	18.8937	6.3	2.8	161	0.0	0.0	33	12	004			m i sr	ZAMG	50417011
2015/04/17	22:16:22.71	0.29	0.86	50.1750	18.8850	6.7	3.3	001	1.0f		37	15	152	0.58	5.61	m i ki	BGR	50417001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.9	0.6	15 LDG	50417021
ML	3.4	0.2	8 ZAMG	50417011
ML	4.2	0.2	13 BGR	50417001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.58	234.8	Pg	22:16:34.325	0.7					T__				m_e	
OJC	0.59	85.3	Pg	22:16:33.088	-0.7					T__				m_e	
OJC	0.59	85.3	Sg	22:16:41.763	0.4					T__				m_e	

MORC	0.95	245.8	Pg	22:16:40.225	-0.4	T__	m_e	ML	3.9
MORC	0.95	245.8	Sg	22:16:54.208	1.3	T__	m_e		
DPC	1.65	277.1	Pn	22:16:51.174	-0.8	T__	m_e	ML	4.3
DPC	1.65	277.1	Sg	22:17:14.408	-0.6	T__	m_e		
KSP	1.78	293.1	Pn	22:16:52.817	-0.9	T__	m_e	ML	3.6
KSP	1.78	293.1	Pg	22:16:55.542	-0.7	T__	m_e		
KSP	1.78	293.1	Sg	22:17:18.749	-0.5	T__	m_e		
BRG	3.22	284.4	Pn	22:17:13.981	0.7	T__	m_e	ML	3.9
BRG	3.22	284.4	Pg	22:17:23.020	-0.3	T__	m_e		
BRG	3.22	284.4	Sg	22:18:05.553	0.6	T__	m_e		
FBE	3.59	284.1	Pn	22:17:18.829	0.5	T__	m_e	ML	4.2
FBE	3.59	284.1	Pg	22:17:29.153	-1.2	T__	m_e		
FBE	3.59	284.1	Sg	22:18:17.905	1.1	T__	m_e		
GEC2	3.62	250.4	Pn	22:17:19.477	0.8	T__	m_e	ML	4.2
GEC2	3.62	250.4	Pg	22:17:29.679	-1.2	T__	m_e		
GEC2	3.62	250.4	Sg	22:18:16.592	-1.0	T__	m_e		
CLL	3.89	289.2	Pn	22:17:21.576	-0.8	T__	m_e	ML	4.2
CLL	3.89	289.2	Pg	22:17:35.385	-0.6	T__	m_e		
CLL	3.89	289.2	Sg	22:18:25.996	-0.3	T__	m_e		
WET	4.02	257.5	Pn	22:17:24.577	0.4	T__	m_e	ML	4.3
WET	4.02	257.5	Sg	22:18:29.829	-0.6	T__	m_e		
TANN	4.11	275.8	Pn	22:17:25.755	0.4	T__	m_e	ML	4.2
TANN	4.11	275.8	Pg	22:17:39.532	-0.6	T__	m_e		
TANN	4.11	275.8	Sg	22:18:33.790	0.5	T__	m_e		
WERD	4.21	276.2	Pn	22:17:27.690	1.0	T__	m_e	ML	4.2
WERD	4.21	276.2	Pg	22:17:40.974	-1.0	T__	m_e		
WERD	4.21	276.2	Sg	22:18:36.108	-0.3	T__	m_e		
MOX	4.65	278.6	Pn	22:17:33.201	0.4	T__	m_e	ML	4.2
MOX	4.65	278.6	Pg	22:17:51.031	0.6	T__	m_e		
MOX	4.65	278.6	Sg	22:18:51.700	1.1	T__	m_e		
GRA1	4.95	267.3	Pn	22:17:37.448	0.6	T__	m_e	ML	4.5
GRA1	4.95	267.3	Sg	22:19:01.152	1.1	T__	m_e		
CLZ	5.61	290.6	Pn	22:17:47.287	1.6	T__	m_e	ML	4.4
CLZ	5.61	290.6	Sg	22:19:22.358	1.6	T__	m_e		

Event 50419001 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/19	22:42:28.80	0.23	0.21	51.6851	7.0213	4.0	2.4	013	1.0f		8	3	278			m i sr	LDG	50419041
2015/04/19	22:42:28.70	0.29	0.11	51.6730	7.0600				1.0f			6	303	0.27	1.48	m i ki	BNS	50419031
2015/04/19	22:42:27.00	0.24	0.11	51.7270	7.1050				1.7	6.3		8	270			m i ki	GDNRW	50419021
2015/04/19	22:42:28.07	0.43	1.06	51.7020	7.0910	6.7	4.4	121	1.0f		15	8	182	0.28	2.12	m i ki	BGR	50419011
2015/04/19	22:42:27.00		0.11	51.7300	7.1400				1.0	0.0	20	13	088	0.01	1.19	m i ki	BUG	50419001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.8	0.1	2 LDG	50419041
ML	2.1	0.3	3 LDG	50419041
ML	1.5		BNS	50419031
ML	1.5		GDNRW	50419021
ML	1.7	0.3	5 BGR	50419011
MD	2.2	0.2	9 BUG	50419001

ML 1.8 1 BUG 50419001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAVN	0.01	305.7	Pg	22:42:27.200	-0.1					T__				m__	
BAVN	0.01	305.7	Sg	22:42:27.800	0.3					T__		88.4		m__	
BAVS	0.03	188.1	Pg	22:42:27.900	0.3					T__				m__	ML 1.5
BAVS	0.03	188.1	Sg	22:42:29.100	1.1					T__		7.4		m__	
ZERL	0.20	237.0	Pg	22:42:31.400	0.6					T__				m__	ML 2.0
ZERL	0.20	237.0	Sg	22:42:35.100	1.7					T__		1.1		m__	
ZER3	0.22	238.0	Pg	22:42:31.800	0.6					T__				m__	ML 1.9
ZER3	0.22	238.0	Sg	22:42:35.900	1.9					T__		0.8		m__	
ZER1	0.24	235.4	Pg	22:42:32.200	0.7					T__				m__	ML 1.9
ZER1	0.24	235.4	Sg	22:42:36.600	2.0					T__		0.7		m__	
BULI	0.29	164.8	Pg	22:42:33.400	1.0					T__				m__	ML 1.6
BULI	0.29	164.8	Sg	22:42:37.800	1.7					T__		0.3		m__	
BUG	0.30	164.4	Pg	22:42:33.600	0.9					T__				m__	ML 1.5
BUG	0.30	164.4	Sg	22:42:38.100	1.6					T__		0.2		m__	
BKLB	0.30	164.4	Pg	22:42:33.600	0.9					T__				m__	
BPFI	0.32	170.1	Pg	22:42:33.800	0.8					T__				m__	ML 1.4
BPFI	0.32	170.1	Sg	22:42:38.600	1.6					T__		0.1		m__	
LAUG	0.40	197.9	Pg	22:42:36.413	1.9					---				m_e	
ENTS	0.52	160.9	Pg	22:42:37.430	0.7					---				m_e	
ENTS	0.52	160.9	Sg	22:42:44.670	1.2					---				m_e	
SORT	0.64	126.0	Pg	22:42:39.840	0.7					---				m_e	
SORT	0.64	126.0	Sg	22:42:48.990	1.6					---		9.6	0.45	m_e	
IBBN	0.69	33.2	Pg	22:42:40.614	0.6					---				m_e	ML 1.9
IBBN	0.69	33.2	Sg	22:42:51.700	2.8					T__		0.1		m__	
IBBE	0.70	35.0	Sg	22:42:51.600	2.4					T__		0.2		m__	ML 2.1
PLH	0.75	195.5	Sg	22:42:51.470	0.5					---				m_e	
HOBG	0.76	170.7	Pg	22:42:42.521	1.3					---				m_e	
HOBG	0.76	170.7	Sg	22:42:52.660	1.6					---		29.1	0.45	m_e	
KAST	0.95	123.0	Pg	22:42:45.800	0.8					T__				m__	ML 1.9
KAST	0.95	123.0	Sg	22:42:59.200	1.9					---		0.1		m__	
GSH	1.10	205.9	Sg	22:43:02.610	0.6					---		9.3	0.21	m_e	
STB	1.15	189.5	Pg	22:42:49.128	0.4					---				m_e	
ACN	1.16	215.1	Sg	22:43:04.450	0.6					---		17.0	0.29	m_e	
TDN	1.16	186.1	Pg	22:42:49.260	0.4					---				m_e	
TDN	1.16	186.1	Sg	22:43:04.700	0.8					---		12.3	0.30	m_e	
AHRW	1.19	182.0	Pg	22:42:50.200	0.8					T__				m__	ML 2.1
AHRW	1.19	182.0	Sg	22:43:07.100	2.3					---		0.1		m__	
DREG	1.21	208.4	Pg	22:42:49.834	0.1					---				m_e	
OLFT	1.32	200.4	Sg	22:43:08.930	0.1					---				m_e	
MEM	1.33	212.7	Pg	22:42:51.860	-0.1					---				m_e	
MEM	1.33	212.7	Sg	22:43:09.524	0.4					---				m_e	
BGG	1.53	175.3	Pg	22:42:54.908	-0.9					---				m_e	
LOH	1.59	194.1	Sg	22:43:15.850	-1.8					---		9.5	0.25	m_e	
TNS	1.72	150.9	Pn	22:42:59.040	1.8					---				m_e	ML 1.9
TNS	1.72	150.9	Sg	22:43:21.317	-0.2					---				m_e	
CLZ	2.00	85.5	Pn	22:43:04.328	3.2					---				m_e	
CLZ	2.00	85.5	Sg	22:43:31.405	0.8					---				m_e	
WLF	2.16	197.2	Sg	22:43:33.821	-1.7					---				m_e	

Event 50420012 Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/20	08:57:16.20	0.26	0.63	50.8686	6.4777	4.4	3.3	023	8.0f		25	5	183			m i ke	LDG	50420032
2015/04/20	08:57:16.27	0.48	0.55	50.9030	6.4670	4.4	3.3	136	10.0f		15	8	178	0.41	1.43	m i ke	BGR	50420022
2015/04/20	08:57:15.90	0.33	0.11	50.9210	6.3950				7.8	4.5		4	298	0.01	0.93	m i ke	BNS	50420012

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.1	0.1	2 LDG	50420032
ML	2.5	0.3	5 LDG	50420032
ML	1.7	0.2	5 BGR	50420022
ML	1.2		BNS	50420012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JUE	0.01	145.5	Pg	08:57:16.964	-0.3					T__				m_e	
DREG	0.28	201.7	Pg	08:57:21.490	0.2					T__				mce	
DREG	0.28	201.7	Sg	08:57:25.746	0.8					T__		30.6	0.14	m_e	
KLL	0.28	191.0	Pg	08:57:21.391	0.1					T__				m_e	
MEM	0.40	218.1	Pg	08:57:23.852	0.4					---				m_e	
MEM	0.40	218.1	Sg	08:57:29.809	1.1					---				m_e	
STB	0.43	139.1	Pg	08:57:24.167	0.0					T__				m_e	
AHRW	0.57	131.1	Pg	08:57:27.353	0.5					---				m_e	ML 1.5
AHRW	0.57	131.1	Sg	08:57:34.016	-0.3					---				m_e	
BUG	0.76	46.2	Sg	08:57:40.192	0.2					---				m_e	ML 1.5
BGG	0.93	139.7	Pg	08:57:33.235	-0.3					T__				m_e	
RIVT	1.24	168.8	Pg	08:57:39.530	0.3					---				m_e	
RIVT	1.24	168.8	Sg	08:57:53.736	-1.5					---				m_e	
WLF	1.27	187.1	Pg	08:57:40.327	0.5					---				m_e	ML 1.9
WLF	1.27	187.1	Sg	08:57:56.113	-0.1					---				m_e	
ABH	1.27	144.3	Pg	08:57:40.022	0.1					---				m_e	
ABH	1.27	144.3	Sg	08:57:55.435	-1.0					---				m_e	
KAST	1.30	76.7	Pg	08:57:39.543	-0.9					---				m_e	ML 1.8
KAST	1.30	76.7	Sg	08:57:56.015	-1.3					---				m_e	
TNS	1.48	117.4	Pg	08:57:43.069	-0.7					---				m_e	ML 1.7
TNS	1.48	117.4	Sg	08:58:01.454	-1.5					---				m_e	

Event 50420013 Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/20	11:15:40.60	0.24	0.19	50.9664	6.4215	5.1	2.0	179	11.0f		6	2	264			m i ke	LDG	50420033
2015/04/20	11:15:41.66	0.80	0.48	50.9060	6.4370	7.8	4.4	157	10.0f		9	7	213	0.40	1.45	m i ke	BGR	50420023
2015/04/20	11:15:41.50	0.35	0.11	50.9160	6.3930				11.0	6.1		4	297	0.01	0.93	m i ke	BNS	50420013

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.9	0.2	2 LDG	50420033
ML	2.5	0.1	2 LDG	50420033
ML	1.4	0.2	2 BGR	50420023
ML	0.9		BNS	50420013

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

JUE	0.01	124.2	Pg	11:15:42.649	-0.7	T__												m_e
DREG	0.27	201.9	Pg	11:15:47.134	0.2	T__												m_e
DREG	0.27	201.9	Sg	11:15:51.413	0.7	T__	18.1	0.25										m_e
KLL	0.27	190.9	Pg	11:15:47.072	0.1	T__												m_e
MEM	0.39	218.4	Pg	11:15:49.503	0.4	---												m_e
MEM	0.39	218.4	Sg	11:15:54.759	0.4	---												m_e
STB	0.43	138.5	Pg	11:15:49.755	-0.0	T__												m_e
AHRW	0.57	130.7	Sg	11:15:58.836	-1.1	---												m_e ML 1.2
BGG	0.93	139.4	Pg	11:15:58.582	-0.5	T__												m_e
RIVT	1.23	168.7	Sg	11:16:19.592	-1.1	---												m_e
WLF	1.26	187.1	Sg	11:16:21.969	0.3	---												m_e
ABH	1.27	144.1	Pg	11:16:05.607	0.1	---												m_e
ABH	1.27	144.1	Sg	11:16:21.220	-0.7	---												m_e
KAST	1.30	76.5	Sg	11:16:22.025	-1.0	---												m_e ML 1.5
TNS	1.48	117.2	Sg	11:16:28.601	0.1	---												m_e

Event 50421008 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2015/04/21	09:23:24.10	0.37	0.31	51.7526	7.0911	6.1	3.8	013	1.0f		9	2	300			m i sr	LDG	50421048	
2015/04/21	09:23:24.70	0.31	0.11	51.7030	7.1390				1.0f				5	321	0.37	1.18	m i ki	BNS	50421038
2015/04/21	09:23:23.90	0.24	0.11	51.7180	7.1020				1.0f				7	279			m i ki	GDNRW	50421028
2015/04/21	09:23:24.75	0.47	0.75	51.7260	7.0880	6.7	3.3	112	1.0f		12	6	183	0.31	1.73	m i ki	BGR	50421018	
2015/04/21	09:23:23.40		0.21	51.7400	7.1200				3.0	2.0	15	9	163	0.00	0.97	m i ki	BUG	50421008	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.8	0.0	2 LDG	50421048
ML	2.4	0.2	2 LDG	50421048
ML	1.5		BNS	50421038
ML	1.5		GDNRW	50421028
ML	1.7	0.2	4 BGR	50421018
MD	1.5	0.2	7 BUG	50421008
ML	2.0		2 BUG	50421008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAVN	0.00	148.3	Pg	09:23:24.100	0.2					T__					
BAVN	0.00	148.3	Sg	09:23:24.700	0.4					T__		72.4			
BAVS	0.04	168.6	Pg	09:23:24.800	0.5					T__					ML 1.7
BAVS	0.04	168.6	Sg	09:23:25.900	0.9					T__		8.7			
ZERL	0.20	232.6	Sg	09:23:32.100	2.4					T__		2.0			ML 2.2
ZER3	0.22	234.0	Pg	09:23:28.800	1.3					T__					ML 2.0
ZER3	0.22	234.0	Sg	09:23:32.700	2.4					T__		1.1			
ZER1	0.23	231.6	Pg	09:23:29.100	1.3					T__					ML 2.0
ZER1	0.23	231.6	Sg	09:23:33.400	2.5					T__		0.9			
BULI	0.30	163.0	Sg	09:23:34.900	2.0					T__		0.3			ML 1.7
BUG	0.31	162.7	Pg	09:23:30.700	1.4					T__					ML 1.6
BUG	0.31	162.7	Sg	09:23:35.900	2.5					T__		0.2			
BPFI	0.33	168.2	Pg	09:23:30.700	1.1					T__					ML 2.1
BPFI	0.33	168.2	Sg	09:23:36.300	2.4					T__		0.2			
LAUG	0.40	195.8	Pg	09:23:31.725	0.7					---					m_e
ENTS	0.53	159.9	Pg	09:23:34.120	0.7					---					m_e

ENTS	0.53	159.9	Sg	09:23:41.480	1.2	---	m_e												
SORT	0.66	126.1	Pg	09:23:36.840	1.0	---	m_e												
SORT	0.66	126.1	Sg	09:23:45.880	1.6	---	m_e	10.5	0.27										
IBBN	0.69	34.5	Pg	09:23:37.535	1.1	---	m_e											ML	1.9
IBBN	0.69	34.5	Sg	09:23:48.460	3.1	---	m_e												
IBBE	0.70	36.3	Sg	09:23:51.300	5.7	T---	m_e	0.1										ML	2.0
PLH	0.76	194.4	Sg	09:23:48.330	0.8	---	m_e												
HOBG	0.77	169.9	Pg	09:23:38.803	0.9	---	m_e												
HOBG	0.77	169.9	Sg	09:23:49.353	1.5	---	m_e	32.0	0.37										
KAST	0.97	123.1	Pg	09:23:42.400	0.7	---	m_e											ML	1.8
KAST	0.97	123.1	Sg	09:23:56.200	2.0	---	m_e	0.1											
GSH	1.11	205.1	Sg	09:23:59.190	0.6	---	m_e	12.0	0.54										
STB	1.16	188.8	Pg	09:23:45.860	0.6	---	m_e												
TDN	1.17	185.5	Pg	09:23:46.420	1.0	---	m_e												
TDN	1.17	185.5	Sg	09:24:01.330	0.7	---	m_e	13.9	0.26										
AHRW	1.20	181.3	Pg	09:23:46.952	0.9	---	m_e											ML	1.9
AHRW	1.20	181.3	Sg	09:24:03.737	2.2	---	m_e												
DREG	1.21	207.6	Pg	09:23:46.727	0.5	---	m_e												
DREG	1.21	207.6	Sg	09:24:03.284	1.4	---	m_e	27.3	0.17										
OLFT	1.32	199.7	Sg	09:24:05.920	0.5	---	m_e												
MEM	1.33	212.0	Pg	09:23:48.627	0.2	---	m_e												
MEM	1.33	212.0	Sg	09:24:06.465	0.9	---	m_e												
BHE	1.39	178.4	Sg	09:24:07.220	-0.3	---	m_e	13.3	0.17										
TNS	1.73	150.6	Pg	09:23:56.689	0.6	---	m_e												
TNS	1.73	150.6	Sg	09:24:18.785	0.3	---	m_e												

Event 50422001 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/22	18:08:38.40	0.11	0.08	51.7011	7.0949	2.0	1.0	011	1.0f		10	3	288			m i sr	LDG	50422041
2015/04/22	18:08:38.70	0.52	0.31	51.6910	7.0890				1.0f			6	308	0.27	1.49	m i ki	BNS	50422031
2015/04/22	18:08:37.80	0.23	0.11	51.7090	7.1150				1.0f			8	268			m i ki	GDNRW	50422021
2015/04/22	18:08:38.52	0.59	0.44	51.7240	7.1210	5.6	3.3	123	1.0f		12	7	181	0.30	2.01	m i ki	BGR	50422011
2015/04/22	18:08:37.40		0.13	51.7300	7.1400				1.0	0.0	12	9	193	0.01	0.95	m i ki	BUG	50422001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.9	1	LDG	50422041
ML	2.2	0.3	3 LDG	50422041
ML	1.7		BNS	50422031
ML	1.6		GDNRW	50422021
ML	1.8	0.2	5 BGR	50422011
MD	2.0	0.4	7 BUG	50422001
ML	2.0		2 BUG	50422001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAVN	0.01	305.7	Pg	18:08:37.700	-0.0									m	
BAVN	0.01	305.7	Sg	18:08:38.300	0.4							101.1		m	
BAVS	0.03	188.1	Pg	18:08:38.400	0.4									m	1.6
BAVS	0.03	188.1	Sg	18:08:39.500	1.1							9.1		m	
ZERL	0.20	237.0	Pg	18:08:41.900	0.7									m	2.2
ZERL	0.20	237.0	Sg	18:08:45.600	1.8							1.5		m	

ZER3	0.22	238.0	Pg	18:08:42.300	0.7	T__										m__	ML	2.1
ZER3	0.22	238.0	Sg	18:08:46.400	2.0	T__					1.2					m__		
ZER1	0.24	235.4	Pg	18:08:42.700	0.8	T__										m__	ML	2.1
ZER1	0.24	235.4	Sg	18:08:47.000	2.0	T__					1.0					m__		
BULI	0.29	164.8	Sg	18:08:48.200	1.7	T__					0.2					m__	ML	1.6
BUG	0.30	164.4	Pg	18:08:44.000	0.9	T__										m__	ML	1.9
BUG	0.30	164.4	Sg	18:08:48.900	2.0	___										m__		
BPFI	0.32	170.1	Pg	18:08:44.400	1.0	T__										m__	ML	1.6
BPFI	0.32	170.1	Sg	18:08:50.100	2.7	___										m__		
LAUG	0.40	197.9	Pg	18:08:45.212	0.3	___										m__	e	
ENTS	0.52	160.9	Pg	18:08:47.980	0.8	___										m__	e	
ENTS	0.52	160.9	Sg	18:08:55.050	1.2	___										m__	e	
SORT	0.64	126.0	Pg	18:08:50.400	0.9	___										m__	e	
SORT	0.64	126.0	Sg	18:08:59.310	1.5	___					10.0		0.26			m__	e	
IBBN	0.69	33.2	Sg	18:09:01.050	1.7	___										m__	e	
PLH	0.75	195.5	Pg	18:08:52.150	0.6	___										m__	e	
PLH	0.75	195.5	Sg	18:09:01.860	0.5	___										m__	e	
HOBG	0.76	170.7	Pg	18:08:52.208	0.6	___										m__	e	
HOBG	0.76	170.7	Sg	18:09:03.166	1.7	___										m__	e	
KAST	0.95	123.0	Pg	18:08:56.300	0.9	T__					32.1		0.29			m__	ML	2.0
KAST	0.95	123.0	Sg	18:09:09.800	2.1	___										m__		
GSH	1.10	205.9	Sg	18:09:13.060	0.6	___										m__	e	
STB	1.15	189.5	Pg	18:08:59.482	0.4	___										m__	e	
ACN	1.16	215.1	Sg	18:09:14.740	0.4	___										m__	e	
TDN	1.16	186.1	Pg	18:08:59.420	0.1	___										m__	e	
TDN	1.16	186.1	Sg	18:09:14.850	0.5	___										m__	e	
AHRW	1.19	182.0	Pg	18:09:00.875	1.1	___					23.9		0.29			m__	e	1.9
AHRW	1.19	182.0	Sg	18:09:16.521	1.3	___										m__	e	
DREG	1.21	208.4	Pg	18:09:00.381	0.2	___										m__	e	
MEM	1.33	212.7	Sg	18:09:20.210	0.7	___										m__	e	
BHE	1.38	178.9	Sg	18:09:21.250	0.1	___										m__	e	
BGG	1.53	175.3	Pn	18:09:05.300	0.2	___										m__	e	
LOH	1.59	194.1	Sg	18:09:26.220	-1.8	___										m__	e	
TNS	1.72	150.9	Pn	18:09:09.034	1.4	___										m__	e	1.8
TNS	1.72	150.9	Pg	18:09:10.373	0.6	___										m__	e	
TNS	1.72	150.9	Sg	18:09:32.316	0.4	___										m__	e	
CLZ	2.00	85.5	Sg	18:09:42.535	1.5	___										m__	e	2.0

Event 50424009 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/24	05:04:42.70	0.50	0.35	51.6271	6.9349	9.2	5.3	025	1.0f		7	2	294			m i sr	LDG	50424049
2015/04/24	05:04:43.40	0.34	0.11	51.5830	6.9190				1.0f			4	311	0.23	1.27	m i ki	BNS	50424039
2015/04/24	05:04:40.30	0.22	0.11	51.7040	7.0870				1.0f			8	277			m i ki	GDNRW	50424029
2015/04/24	05:04:41.39	0.44	0.64	51.6930	7.0920	5.6	3.3	114	1.0f		13	7	180	0.28	1.70	m i ki	BGR	50424019
2015/04/24	05:04:39.40		0.26	51.7400	7.1200				3.0	2.0	17	9	289	0.00	0.33	m i ki	BUG	50424009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.7	1	LDG	50424049
ML	2.4	0.2	2 LDG	50424049
ML	1.4		BNS	50424039

ML	1.6		GDNRW	50424029
ML	1.8	0.3	6 BGR	50424019
MD	1.8	0.1	7 BUG	50424009
ML	2.1		3 BUG	50424009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAVN	0.00	148.3	Pg	05:04:40.200	0.3					T__				m__	
BAVN	0.00	148.3	Sg	05:04:40.700	0.4					T__		103.7		m__	
BAVS	0.04	168.6	Pg	05:04:40.900	0.6					T__				m__	ML 1.6
BAVS	0.04	168.6	Sg	05:04:42.000	1.0					T__		8.5		m__	
ZERL	0.20	232.6	Pg	05:04:44.400	1.3					T__				m__	ML 2.4
ZERL	0.20	232.6	Sg	05:04:48.100	2.4					T__		2.5		m__	
ZER3	0.22	234.0	Pg	05:04:44.800	1.3					T__				m__	ML 2.0
ZER3	0.22	234.0	Sg	05:04:48.900	2.6					T__		1.1		m__	
ZER1	0.23	231.6	Pg	05:04:45.100	1.3					T__				m__	ML 2.0
ZER1	0.23	231.6	Sg	05:04:49.500	2.6					T__		1.0		m__	
BULI	0.30	163.0	Pg	05:04:46.100	1.0					T__				m__	ML 1.7
BULI	0.30	163.0	Sg	05:04:50.800	1.9					T__		0.3		m__	
BUG	0.31	162.7	Pg	05:04:46.400	1.1					T__				m__	ML 1.5
BUG	0.31	162.7	Sg	05:04:51.100	1.7					T__		0.2		m__	
BKLB	0.31	162.7	Pg	05:04:46.400	1.1					T__				m__	
BPFI	0.33	168.2	Pg	05:04:46.800	1.2					T__				m__	ML 1.6
BPFI	0.33	168.2	Sg	05:04:51.600	1.7					T__		0.2		m__	
LAUG	0.40	195.8	Pg	05:04:47.895	0.9					---				m_e	
ENTS	0.53	159.9	Pg	05:04:50.460	1.1					---				m_e	
ENTS	0.53	159.9	Sg	05:04:57.630	1.4					---				m_e	
SORT	0.66	126.1	Pg	05:04:53.210	1.4					---				m_e	
SORT	0.66	126.1	Sg	05:05:02.370	2.1					---		16.7	0.38	m_e	
IBBN	0.69	34.5	Pg	05:04:54.886	2.5					---				m_e	ML 1.9
IBBN	0.69	34.5	Sg	05:05:05.370	4.0					---				m_e	
PLH	0.76	194.4	Pg	05:04:54.510	0.8					---				m_e	
PLH	0.76	194.4	Sg	05:05:04.120	0.6					---				m_e	
HOBG	0.77	169.9	Pg	05:04:56.253	2.4					---				m_e	
HOBG	0.77	169.9	Sg	05:05:05.516	1.7					---		33.5	0.37	m_e	
MELL	0.93	57.1	Sg	05:05:12.418	3.6					---				m_e	ML 1.9
KAST	0.97	123.1	Pg	05:04:58.609	0.9					---				m_e	ML 1.8
KAST	0.97	123.1	Sg	05:05:12.197	2.0					---				m_e	
GSH	1.11	205.1	Sg	05:05:15.440	0.9					---		11.7	0.48	m_e	
TDN	1.17	185.5	Sg	05:05:17.420	0.8					---		13.9	0.25	m_e	
AHRW	1.20	181.3	Pg	05:05:03.250	1.2					---				m_e	ML 1.9
AHRW	1.20	181.3	Sg	05:05:18.441	0.9					---				m_e	
DREG	1.21	207.6	Pg	05:05:02.818	0.6					---				m_e	
MEM	1.33	212.0	Pg	05:05:04.712	0.3					---				m_e	
MEM	1.33	212.0	Sg	05:05:22.410	0.8					---				m_e	
KOE	1.37	163.5	Pg	05:05:06.487	1.3					---				m_e	
BHE	1.39	178.4	Sg	05:05:23.560	0.1					---		14.9	0.19	m_e	
LOH	1.60	193.5	Sg	05:05:28.170	-2.1					---		11.2	0.26	m_e	
TNS	1.73	150.6	Pn	05:05:11.940	2.3					---				m_e	ML 1.9
TNS	1.73	150.6	Sg	05:05:34.207	-0.2					---				m_e	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/24	11:38:14.12	0.43	1.88	47.7869	14.6038	2.3	1.8	073	14.4	9.4	28	6	004			m i uk	ZAMG	50424014
2015/04/24	11:38:15.12	0.24		47.8210	14.6730	4.4	3.3	128	7.8	7.9	25	16	141	0.27	2.82	m i ke	BGR	50424004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.2	7 ZAMG	50424014
ML	2.1	0.5	9 BGR	50424004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOA	0.27	276.1	Pg	11:38:18.853	-1.6					T__				m_e ML	1.5
MOA	0.27	276.1	Sg	11:38:22.826	-1.3					T__				m_e	
GEC2	1.21	328.1	Pg	11:38:38.013	0.0					T__				m_e ML	1.9
GEC2	1.21	328.1	Sg	11:38:54.620	1.0					T__				m_e	
RJOB	1.26	266.9	Pg	11:38:38.338	-0.6					T__				m_e ML	1.9
RJOB	1.26	266.9	Sg	11:38:55.748	0.4					T__				m_e	
OBKA	1.31	183.7	Pg	11:38:38.308	-1.6					T__				m_e ML	1.7
OBKA	1.31	183.7	Sg	11:38:56.508	-0.4					T__				m_e	
KW1	1.42	283.0	Pg	11:38:41.475	-0.5					T__				m_e	
KW1	1.42	283.0	Sg	11:39:01.517	1.2					T__				m_e	
KHC	1.50	331.4	Pn	11:38:40.623	-0.9					T__				m_e ML	1.6
KHC	1.50	331.4	Pg	11:38:42.896	-0.5					T__				m_e	
KHC	1.50	331.4	Sg	11:39:03.342	0.6					T__				m_e	
TREC	1.57	19.8	Pg	11:38:44.374	-0.3					T__				m_e	
TREC	1.57	19.8	Sg	11:39:06.014	1.0					T__				m_e	
KRUC	1.69	42.0	Pg	11:38:46.245	-0.7					T__				m_e	
KRUC	1.69	42.0	Sg	11:39:09.771	1.0					T__				m_e	
WET	1.78	318.7	Pg	11:38:48.055	-0.6					T__				m_e ML	2.2
WET	1.78	318.7	Sg	11:39:11.742	0.1					T__				m_e	
VRAC	1.96	39.8	Pg	11:38:50.456	-1.6					T__				m_e	
VRAC	1.96	39.8	Sg	11:39:16.684	-0.6					T__				m_e	
WTTA	2.12	255.9	Pg	11:38:53.028	-2.1					T__				m_e	
ROTZ	2.53	321.1	Sg	11:39:36.265	0.6					T__				m_e ML	2.4
DPC	2.75	22.5	Sg	11:39:43.951	1.4					T__				m_e ML	3.0
NKC	2.82	329.7	Sg	11:39:46.348	1.7					T__				m_e ML	2.7

Event 50424007 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/24	15:02:55.90	0.12	1.43	44.2195	11.9055	4.0	2.4	042	21.0f		223	41	073			m i ke	LDG	50424017
2015/04/24	15:02:53.81	0.43	1.52	44.1270	12.0770	8.9	6.7	000	20.0f		63	38	281	2.95	7.25	m i ke	BGR	50424007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.8	0.1	2 LDG	50424017
ML	3.9	0.3	40 LDG	50424017
ML	4.4	0.3	20 BGR	50424007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	2.95	35.2	Pn	15:03:38.868	0.4					T__				m_e ML	4.5
OBKA	2.95	35.2	Pg	15:03:47.070	-2.4					T__				m_e	
OBKA	2.95	35.2	Sg	15:04:27.767	0.1					T__				m_e	

KBA	3.08	16.3	Pn	15:03:40.686	0.4	T__	m_e	ML	4.2
KBA	3.08	16.3	Sn	15:04:14.967	1.0	T__	m_e		
WTTA	3.15	354.6	Pn	15:03:41.950	0.7	T__	m_e	ML	4.6
WTTA	3.15	354.6	Pg	15:03:49.915	-3.4	T__	m_e		
WTTA	3.15	354.6	Sn	15:04:18.689	3.1	T__	m_e		
WTTA	3.15	354.6	Sg	15:04:31.142	-3.0	T__	m_e		
PLONS	3.48	328.1	Pn	15:03:46.838	1.2	T__	m_e	ML	4.0
PLONS	3.48	328.1	Sn	15:04:25.943	2.7	T__	m_e		
DAVA	3.51	334.9	Pn	15:03:47.540	1.4	T__	m_e	ML	4.3
DAVA	3.51	334.9	Sn	15:04:26.548	2.5	T__	m_e		
RJOB	3.64	7.6	Pn	15:03:48.439	0.5	T__	m_e		
RJOB	3.64	7.6	Sn	15:04:29.858	2.7	T__	m_e		
UBR	3.81	339.6	Pn	15:03:50.529	0.4	T__	m_e	ML	4.5
UBR	3.81	339.6	Sn	15:04:32.449	1.4	T__	m_e		
ARSA	3.94	36.4	Pn	15:03:52.411	0.4	T__	m_e		
WILA	3.96	327.2	Pn	15:03:52.539	0.3	T__	m_e	ML	4.5
WILA	3.96	327.2	Sn	15:04:35.362	0.7	T__	m_e		
MOA	4.02	21.4	Pn	15:03:53.560	0.5	T__	m_e	ML	4.2
MOA	4.02	21.4	Sn	15:04:38.088	2.1	T__	m_e		
FUR	4.07	352.5	Pn	15:03:53.932	0.2	T__	m_e	ML	4.6
WALHA	4.17	331.5	Pn	15:03:55.047	0.0	T__	m_e		
WALHA	4.17	331.5	Sn	15:04:39.165	-0.3	T__	m_e		
SULZ	4.38	322.3	Pn	15:03:57.452	-0.5	T__	m_e		
EMING	4.38	330.4	Pn	15:03:57.590	-0.4	T__	m_e		
EMING	4.38	330.4	Sn	15:04:43.781	-0.8	T__	m_e		
SLE	4.41	326.9	Pn	15:03:57.698	-0.6	T__	m_e	ML	4.3
SLE	4.41	326.9	Sn	15:04:43.551	-1.6	T__	m_e		
BALST	4.43	317.9	Pn	15:03:57.874	-0.7	T__	m_e		
METMA	4.46	324.8	Pn	15:03:58.203	-0.8	T__	m_e		
METMA	4.46	324.8	Sn	15:04:44.389	-2.0	T__	m_e		
GEC2	4.85	12.8	Pg	15:04:22.325	-2.9	T__	m_e	ML	4.2
GEC2	4.85	12.8	Sn	15:04:55.630	0.2	T__	m_e		
BFO	4.94	329.7	Pg	15:04:25.886	-1.0	T__	m_e		
WET	5.05	6.0	Sn	15:05:00.785	0.6	T__	m_e	ML	4.2
KHC	5.11	11.1	Sn	15:05:02.025	0.4	T__	m_e	ML	4.0
ECH	5.32	322.0	Pn	15:04:10.137	-0.5	T__	m_e	ML	4.0
ECH	5.32	322.0	Sn	15:05:04.123	-2.4	T__	m_e		
GRFO	5.59	354.3	Pg	15:04:36.921	-2.4	T__	m_e		
ROTZ	5.64	0.9	Pn	15:04:13.578	-1.4	T__	m_e	ML	4.2
ROTZ	5.64	0.9	Pg	15:04:37.303	-2.9	T__	m_e		
ROTZ	5.64	0.9	Sn	15:05:12.414	-1.7	T__	m_e		
TREC	5.67	23.1	Pn	15:04:15.195	-0.2	T__	m_e		
KRUC	5.76	29.5	Pn	15:04:16.393	-0.2	T__	m_e		
MANZ	5.86	0.2	Pn	15:04:16.389	-1.6	T__	m_e		
MILB	6.01	342.6	Pn	15:04:19.002	-1.0	T__	m_e	ML	4.7
MILB	6.01	342.6	Sn	15:05:20.394	-2.3	T__	m_e		
VRAC	6.03	29.2	Pn	15:04:19.790	-0.5	T__	m_e		
PRU	6.10	15.1	Pn	15:04:20.663	-0.5	T__	m_e		
JAVC	6.10	37.1	Pn	15:04:22.570	1.4	T__	m_e		
NKC	6.11	2.2	Pn	15:04:18.488	-2.9	T__	m_e	ML	4.6
NKC	6.11	2.2	Sn	15:05:23.966	-1.2	T__	m_e		
MOX	6.53	357.4	Pn	15:04:25.157	-1.8	T__	m_e	ML	4.4
MOX	6.53	357.4	Sn	15:05:34.200	-0.7	T__	m_e		
TNS	6.57	339.3	Pn	15:04:27.522	-0.1	T__	m_e	ML	4.5

TNS	6.57	339.3	Sn	15:05:35.068	-1.0	T__	m_e	
PVCC	6.62	13.9	Pn	15:04:28.083	-0.2	T__	m_e ML	5.0
PVCC	6.62	13.9	Sn	15:05:34.100	-3.0	T__	m_e	
MORC	6.77	31.5	Pn	15:04:30.570	0.3	T__	m_e	
DPC	6.86	23.3	Pn	15:04:30.502	-1.0	T__	m_e	
AHRW	7.25	334.0	Pn	15:04:37.474	0.6	T__	m_e	

Event 50424010 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/24	15:34:36.49	0.30	0.42	44.3241	12.0333	2.5	1.4	162	10.0	0.0	52	15	004			m i uk	ZAMG	50424030
2015/04/24	15:34:39.60	0.19	0.95	44.3430	11.7457	4.0	3.3	140	9.0f		90	27	088			m i ke	LDG	50424020
2015/04/24	15:34:37.08	0.54	1.23	44.1520	12.0040	8.9	5.6	163	10.0f		41	19	282	2.96	6.53	m i ke	BGR	50424010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.4	18 ZAMG	50424030
ML	3.4	0.3	28 LDG	50424020
ML	3.5	0.2	8 BGR	50424010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	2.96	36.3	Pn	15:35:22.793	-0.3					T__				m_e ML	3.6
OBKA	2.96	36.3	Pg	15:35:31.440	-1.4					T__				m_e	
OBKA	2.96	36.3	Sg	15:36:11.069	-0.1					T__				m_e	
KBA	3.07	17.3	Pn	15:35:24.354	-0.3					T__				m_e ML	3.3
KBA	3.07	17.3	Sn	15:35:59.537	0.6					T__				m_e	
KBA	3.07	17.3	Sg	15:36:15.073	0.3					T__				m_e	
WTTA	3.12	355.4	Pn	15:35:25.882	0.6					T__				m_e ML	3.8
WTTA	3.12	355.4	Pg	15:35:34.176	-1.8					T__				m_e	
WTTA	3.12	355.4	Sn	15:36:01.663	1.6					T__				m_e	
WTTA	3.12	355.4	Sg	15:36:15.232	-1.1					T__				m_e	
PLONS	3.43	328.6	Pn	15:35:30.166	0.7					T__				m_e	
PLONS	3.43	328.6	Sn	15:36:09.124	1.8					T__				m_e	
DAVA	3.47	335.4	Pn	15:35:31.206	1.2					T__				m_e ML	3.4
DAVA	3.47	335.4	Sn	15:36:11.313	3.1					T__				m_e	
UBR	3.77	340.2	Pn	15:35:34.226	0.2					T__				m_e ML	3.7
UBR	3.77	340.2	Sn	15:36:15.964	0.7					T__				m_e	
WILA	3.91	327.6	Pn	15:35:36.074	0.1					T__				m_e ML	3.7
WILA	3.91	327.6	Sn	15:36:19.073	0.4					T__				m_e	
MOA	4.02	22.2	Pn	15:35:37.446	0.0					T__				m_e	
MOA	4.02	22.2	Sn	15:36:22.412	1.3					T__				m_e	
WALHA	4.12	331.9	Pn	15:35:38.904	0.1					T__				m_e	
WALHA	4.12	331.9	Sn	15:36:23.323	-0.2					T__				m_e	
SULZ	4.33	322.6	Pn	15:35:41.696	0.0					T__				m_e	
SULZ	4.33	322.6	Sn	15:36:27.372	-1.1					T__				m_e	
EMING	4.34	330.8	Pn	15:35:41.301	-0.5					T__				m_e	
BALST	4.38	318.2	Pn	15:35:41.774	-0.6					T__				m_e	
METMA	4.41	325.1	Pn	15:35:42.205	-0.6					T__				m_e	
METMA	4.41	325.1	Sn	15:36:27.808	-2.6					T__				m_e	
GEC2	4.84	13.4	Pn	15:35:47.161	-1.4					T__				m_e ML	3.3
GEC2	4.84	13.4	Pg	15:36:05.995	-2.2					T__				m_e	
GEC2	4.84	13.4	Sn	15:36:39.730	-0.6					T__				m_e	

BFO	4.89	330.0	Pn	15:35:48.680	-0.6	T__	m_e												
BFO	4.89	330.0	Pg	15:36:09.492	0.3	T__	m_e												
BFO	4.89	330.0	Sn	15:36:38.336	-3.3	T__	m_e												
WET	5.03	6.5	Sn	15:36:43.645	-1.2	T__	m_e	ML	3.4										
ECH	5.27	322.2	Pn	15:35:53.717	-0.7	T__	m_e												
ECH	5.27	322.2	Sn	15:36:48.764	-1.8	T__	m_e												
MOX	6.50	357.8	Pn	15:36:11.431	0.3	T__	m_e												
MOX	6.50	357.8	Sn	15:37:18.001	-1.4	T__	m_e												
TNS	6.53	339.6	Pn	15:36:11.471	-0.1	T__	m_e												
TNS	6.53	339.6	Sn	15:37:18.308	-1.9	T__	m_e												

Event 50424008 Dortmund, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/24	19:36:03.10	0.23	0.19	51.6161	7.5908	3.9	2.2	023	1.0f		13	3	300			m i sr	LDG	50424048
2015/04/24	19:36:02.70	0.50	0.31	51.6310	7.6310				1.0f			5	300	0.29	1.31	m i ki	BNS	50424038
2015/04/24	19:36:02.70	0.24	0.11	51.5920	7.6410				1.0f			9	276			m i ki	GDNRW	50424028
2015/04/24	19:36:03.50	0.32	0.78	51.5840	7.6450	4.4	3.3	143	1.0f		15	8	126	0.27	1.71	m i ki	BGR	50424018
2015/04/24	19:36:01.50		0.34	51.5800	7.6400				1.0		13	9	111	0.09	0.61	m i ki	BUG	50424008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.7	1	LDG	50424048
ML	2.2	0.3	3 LDG	50424048
ML	1.3		BNS	50424038
ML	1.5		GDNRW	50424028
ML	1.6	0.2	7 BGR	50424018
MD	1.8	0.2	6 BUG	50424008
ML	2.5	3	BUG	50424008

Effects Loctyp Location Intensity Scale Author
 _F_____ Summar 4.0 EMS GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HMES	0.09	34.5	Pg	19:36:04.400	1.1					T__				m__	
HMES	0.09	34.5	Sg	19:36:06.000	1.5					T__		4.1		m__	
BTEZ	0.26	239.9	Pg	19:36:08.200	1.8					T__				m__	ML 1.7
BULI	0.27	242.2	Pg	19:36:08.300	1.8					T__				m__	ML 1.8
BULI	0.27	242.2	Sg	19:36:13.200	3.2					T__		0.5		m__	
BUG	0.27	239.0	Pg	19:36:08.400	1.8					T__				m__	ML 1.4
BUG	0.27	239.0	Sg	19:36:13.000	2.9					T__		0.2		m__	
BKLB	0.27	238.9	Pg	19:36:08.300	1.7					T__				m__	ML 1.5
BPFI	0.30	238.0	Pg	19:36:08.900	1.7					T__				m__	ML 1.8
BPFI	0.30	238.0	Sg	19:36:14.000	2.9					T__		0.4		m__	
SORT	0.31	138.0	Pg	19:36:09.350	2.0					___				m_e	
SORT	0.31	138.0	Sg	19:36:14.100	2.8					___		36.9	0.39	m_e	
BAVN	0.36	296.4	Pg	19:36:10.200	2.0					T__				m__	ML 1.9
ENTS	0.37	203.0	Pg	19:36:10.480	2.0					___				m_e	
ENTS	0.37	203.0	Sg	19:36:15.840	2.7					___				m_e	
ZERL	0.48	275.2	Pg	19:36:12.400	1.8					T__				m__	ML 2.0
LAUG	0.49	242.4	Pg	19:36:11.547	0.8					___				m_e	
KAST	0.61	127.6	Pg	19:36:14.900	1.8					T__				m__	ML 1.6

Station	Lat	Lon	Mag	Depth	Phase	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
KAST	0.61	127.6	Sg	19:36:23.564	2.6																			
HOBG	0.63	197.9	Pg	19:36:15.496	2.2																			
HOBG	0.63	197.9	Sg	19:36:25.631	4.2																			
IBBN	0.73	5.7	Pg	19:36:16.988	1.7																			
PLH	0.77	222.0	Pg	19:36:17.800	1.8																			
PLH	0.77	222.0	Sg	19:36:28.850	2.8																			
MELL	0.80	34.9	Sg	19:36:30.279	3.3																			
TDN	1.10	203.8	Sg	19:36:38.980	2.7																			
AHRW	1.10	199.1	Pg	19:36:24.752	2.6																			
AHRW	1.10	199.1	Sg	19:36:40.165	3.8																			
KOE	1.16	177.1	Pg	19:36:25.431	2.1																			
GSH	1.16	223.6	Sg	19:36:40.870	2.6																			
BHE	1.26	193.5	Pg	19:36:27.000	1.7																			
BHE	1.26	193.5	Sg	19:36:43.980	2.4																			
DREG	1.27	224.5	Pg	19:36:26.786	1.3																			
OLFT	1.33	215.7	Sg	19:36:45.750	2.0																			
HGN	1.35	233.4	Pg	19:36:27.618	0.7																			
HGN	1.35	233.4	Sg	19:36:45.894	1.6																			
TNS	1.45	159.1	Pn	19:36:30.184	2.1																			
TNS	1.45	159.1	Pg	19:36:30.807	2.0																			
TNS	1.45	159.1	Sg	19:36:49.059	1.5																			
LOH	1.56	206.9	Sg	19:36:50.980	-0.1																			
CLZ	1.71	80.1	Pg	19:36:35.052	1.3																			
CLZ	1.71	80.1	Sg	19:36:57.433	1.5																			

Event 50425003 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/25	02:01:51.80	0.20	0.16	51.6658	7.0374	3.6	1.9	013	1.0f		11	3	295			m i sr	LDG	50425043
2015/04/25	02:01:51.70	0.32	0.11	51.6670	7.0550				1.0f					0.32	1.47	m i ki	BNS	50425033
2015/04/25	02:01:50.10	0.25	0.21	51.7180	7.1100				1.0f							m i ki	GDNRW	50425023
2015/04/25	02:01:50.59	0.45	0.77	51.7390	7.1290	5.6	3.3	178	1.0f		20	12	187	0.00	2.35	m i ki	BGR	50425013
2015/04/25	02:01:50.00		0.13	51.7300	7.1400				1.0	0.0	17	9	131	0.01	0.70	m i ki	BUG	50425003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.7	1	LDG	50425043
ML	2.1	0.4	3 LDG	50425043
ML	1.5		BNS	50425033
ML	1.6		GDNRW	50425023
ML	1.7	0.2	6 BGR	50425013
MD	2.0	0.2	7 BUG	50425003
ML	2.0		2 BUG	50425003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAVN	0.01	305.7	Pg	02:01:50.300	-0.0					T__					
BAVN	0.01	305.7	Sg	02:01:50.900	0.4					T__		97.4			
BAVS	0.03	188.1	Pg	02:01:51.000	0.4					T__				m__	ML 1.6
BAVS	0.03	188.1	Sg	02:01:52.100	1.1					T__		8.7		m__	
ZERL	0.20	237.0	Pg	02:01:54.500	0.7					T__				m__	ML 2.1
ZERL	0.20	237.0	Sg	02:01:58.200	1.8					T__		1.4		m__	
ZER3	0.22	238.0	Pg	02:01:54.900	0.7					T__				m__	ML 2.0

ZER3	0.22	238.0	Sg	02:01:59.000	2.0	T__	0.9	m__											
ZER1	0.24	235.4	Pg	02:01:55.300	0.8	T__		m__	ML	2.0									
ZER1	0.24	235.4	Sg	02:01:59.600	2.0	T__	1.0	m__											
BULI	0.29	164.8	Pg	02:01:56.700	1.3	T__		m__	ML	1.5									
BULI	0.29	164.8	Sg	02:02:00.800	1.7	T__	0.2	m__											
BTEZ	0.29	162.9	Pg	02:01:56.947	1.4	---		m_e											
BUG	0.30	164.4	Pg	02:01:56.600	0.9	T__		m__	ML	1.5									
BUG	0.30	164.4	Sg	02:02:01.200	1.7	T__	0.2	m__											
BKLB	0.30	164.4	Pg	02:01:56.600	0.9	T__		m__											
BPFI	0.32	170.1	Pg	02:01:57.000	1.0	T__		m__	ML	1.5									
BPFI	0.32	170.1	Sg	02:02:01.800	1.7	T__	0.2	m__											
LAUG	0.40	197.9	Pg	02:01:57.916	0.4	---		m_e											
ENTS	0.52	160.9	Pg	02:02:00.570	0.8	---		m_e											
ENTS	0.52	160.9	Sg	02:02:07.650	1.2	---		m_e											
SORT	0.64	126.0	Pg	02:02:02.890	0.8	---		m_e											
SORT	0.64	126.0	Sg	02:02:11.730	1.3	---	12.0	0.50	m_e										
IBBN	0.69	33.2	Pg	02:02:04.700	1.7	---		m__	ML	1.9									
IBBN	0.69	33.2	Sg	02:02:14.000	2.0	---	0.1	m__											
IBBE	0.70	35.0	Pg	02:02:05.400	2.2	---		m__	ML	2.0									
IBBE	0.70	35.0	Sg	02:02:14.700	2.5	---	0.1	m__											
PLH	0.75	195.5	Pg	02:02:04.380	0.2	---		m_e											
PLH	0.75	195.5	Sg	02:02:14.480	0.6	---		m_e											
HOBG	0.76	170.7	Pg	02:02:05.259	1.0	---		m_e											
HOBG	0.76	170.7	Sg	02:02:15.564	1.5	---	33.2	0.41	m_e										
KAST	0.95	123.0	Pg	02:02:08.700	0.7	---		m_e	ML	1.8									
KAST	0.95	123.0	Sg	02:02:22.240	1.9	---		m_e											
GSH	1.10	205.9	Sg	02:02:25.330	0.3	---	10.1	0.20	m_e										
ACN	1.16	215.1	Sg	02:02:27.100	0.2	---	15.1	0.20	m_e										
TDN	1.16	186.1	Pg	02:02:12.210	0.3	---		m_e											
TDN	1.16	186.1	Sg	02:02:27.670	0.8	---	13.2	0.24	m_e										
AHRW	1.19	182.0	Pg	02:02:13.349	0.9	---		m_e	ML	1.8									
AHRW	1.19	182.0	Sg	02:02:29.102	1.3	---		m_e											
DREG	1.21	208.4	Pg	02:02:12.960	0.2	---		m_e											
HGN	1.23	218.5	Pg	02:02:13.192	0.1	---		m_e	ML	1.8									
HGN	1.23	218.5	Sg	02:02:29.647	0.7	---		m_e											
BHE	1.38	178.9	Pg	02:02:16.060	0.1	---		m_e											
BHE	1.38	178.9	Sg	02:02:33.830	0.1	---	12.7	0.17	m_e										
HILG	1.47	191.6	Pg	02:02:16.784	-0.9	---		m_e											
BGG	1.53	175.3	Pg	02:02:17.981	-0.8	---		m_e											
LOH	1.59	194.1	Sg	02:02:38.960	-1.7	---	11.8	0.27	m_e										
TNS	1.72	150.9	Pg	02:02:22.032	-0.3	---		m_e	ML	1.8									
TNS	1.72	150.9	Sg	02:02:45.076	0.5	---		m_e											
CLZ	2.00	85.5	Pg	02:02:27.572	-0.2	---		m_e	ML	1.9									
CLZ	2.00	85.5	Sg	02:02:55.820	2.2	---		m_e											
MILB	2.34	143.6	Sg	02:03:03.891	-0.4	---		m_e											

Event 50426003 Luenen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/26	04:37:19.70	0.13	0.53	51.6268	7.6819	3.3	2.0	100	1.0f		38	17	174			m i sr	LDG	50426043
2015/04/26	04:37:19.40	0.29	0.21	51.6150	7.6310				1.0f			6	298	0.28	1.42	m i ki	BNS	50426033
2015/04/26	04:37:19.00	0.24	0.11	51.6100	7.6420				1.0f			8	279			m i ki	GDNRW	50426023

2015/04/26 04:37:20.06 0.21 51.5950 7.6720 3.3 2.2 009 0.7 2.3 26 18 071 0.07 1.89 m i ki BGR 50426013
 2015/04/26 04:37:18.20 0.42 51.6300 7.6000 1.0 12 10 153 0.08 0.68 m i ki BUG 50426003
 (#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.2	1	LDG	50426043
ML	2.2	0.2	13 LDG	50426043
ML	1.7		BNS	50426033
ML	1.5		GDNRW	50426023
ML	1.8	0.1	6 BGR	50426013
MD	2.4	0.2	7 BUG	50426003
ML	2.5	0.2	7 BUG	50426003

Effects	Loctyp	Location	Intensity	Scale	Author
F_____	Summar		4.0	EMS	GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HMES	0.08	70.4	Pg	04:37:20.700	0.9					T__				m__	
HMES	0.08	70.4	Sg	04:37:22.100	1.2					T__		12.7		m__	
BTEZ	0.27	227.9	Pg	04:37:25.100	1.8					T__				m__	ML 2.0
BULI	0.27	230.4	Pg	04:37:25.200	1.8					T__				m__	ML 2.0
BULI	0.27	230.4	Sg	04:37:28.000	1.1					T__		0.8		m__	
BUG	0.28	227.5	Pg	04:37:25.200	1.7					T__				m__	ML 2.4
BKLB	0.28	227.4	Pg	04:37:25.200	1.7					T__				m__	ML 1.8
BPFI	0.31	227.8	Pg	04:37:25.800	1.7					T__				m__	ML 1.8
BAVN	0.32	290.2	Pg	04:37:27.161	3.0					---				m_e	
BAVN	0.32	290.2	Sg	04:37:32.462	4.2					---				m_e	
SORT	0.36	140.3	Pg	04:37:25.920	0.9					---				m_e	
SORT	0.36	140.3	Sg	04:37:30.700	1.0					---		75.7	0.20	m_e	
ENTS	0.41	197.0	Pg	04:37:27.260	1.4					---				m_e	
ENTS	0.41	197.0	Sg	04:37:32.870	1.8					---				m_e	
ZERL	0.45	269.1	Pg	04:37:29.200	2.5					T__				m__	ML 2.1
ZERL	0.45	269.1	Sg	04:37:36.277	3.7					---				m_e	
ZER1	0.48	266.1	Pg	04:37:29.700	2.4					T__				m__	ML 2.2
LAUG	0.49	235.9	Pg	04:37:28.585	1.1					---				m_e	
KAST	0.66	129.7	Pg	04:37:31.444	0.7					---				m_e	ML 1.6
KAST	0.66	129.7	Sg	04:37:40.592	1.3					---				m_e	
HOBG	0.67	194.5	Pg	04:37:32.343	1.6					---				m_e	
HOBG	0.67	194.5	Sg	04:37:41.686	2.3					---		53.5	0.75	m_e	
IBBE	0.68	10.1	Pg	04:37:33.300	2.3					T__				m__	ML 2.2
IBBN	0.68	8.2	Pg	04:37:33.400	2.3					T__				m__	ML 2.0
MELL	0.78	38.5	Pg	04:37:34.472	1.6					---				m_e	
PLH	0.79	218.2	Pg	04:37:34.400	1.2					---				m_e	
PLH	0.79	218.2	Sg	04:37:45.050	1.6					---				m_e	
TDN	1.13	201.6	Pg	04:37:40.330	0.8					---				m_e	
TDN	1.13	201.6	Sg	04:37:56.040	1.9					---		17.9	0.23	m_e	
AHRW	1.14	197.0	Pg	04:37:41.232	1.6					---				m_e	ML 1.8
AHRW	1.14	197.0	Sg	04:37:57.733	3.4					---				m_e	
GSH	1.18	221.0	Pg	04:37:41.540	1.2					---				m_e	
GSH	1.18	221.0	Sg	04:37:57.210	1.6					---		8.8	0.33	m_e	
KOE	1.21	176.0	Pg	04:37:41.571	0.6					---				m_e	
DREG	1.29	222.1	Pg	04:37:43.026	0.5					---				m_e	
BHE	1.30	191.9	Pg	04:37:43.460	0.7					---				m_e	
BHE	1.30	191.9	Sg	04:38:00.670	1.0					---		5.8	0.33	m_e	

HOBG	0.77	169.0	Pg	10:31:33.839	1.3	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
HOBG	0.77	169.0	Sg	10:31:44.022	1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	49.7	0.48
MELL	0.94	57.5	Sg	10:31:51.292	3.5	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.0
KAST	0.98	122.7	Pg	10:31:37.193	0.7	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.0
KAST	0.98	122.7	Sg	10:31:50.695	1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
GSH	1.10	204.5	Pg	10:31:39.450	0.7	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
GSH	1.10	204.5	Sg	10:31:53.960	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
TDN	1.17	184.8	Pg	10:31:40.750	0.7	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
TDN	1.17	184.8	Sg	10:31:56.150	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	34.1	0.30
AHRW	1.20	180.7	Pg	10:31:41.683	1.1	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.1
AHRW	1.20	180.7	Sg	10:31:56.347	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
KLL	1.20	204.6	Pg	10:31:41.055	0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
DREG	1.21	207.1	Pg	10:31:41.214	0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
OLFT	1.32	199.2	Sg	10:32:00.260	0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
MEM	1.32	211.6	Pg	10:31:43.300	0.4	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
MEM	1.32	211.6	Sg	10:32:00.542	0.6	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
BGG	1.54	174.3	Pg	10:31:46.451	-0.6	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
LOH	1.60	193.1	Sg	10:32:07.210	-1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	17.6	0.26
TNS	1.74	150.3	Sg	10:32:13.346	0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.0

Event 50427005 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/27	23:47:11.00	0.22	0.69	51.5960	7.1304	3.9	3.6	078	1.0f		44	18	278			m i sr	LDG	50427045
2015/04/27	23:47:10.50	0.33	0.11	51.6660	7.0950				1.0f			5	313	0.33	1.30	m i ki	BNS	50427035
2015/04/27	23:47:08.80	0.23	0.11	51.7290	7.0870				1.0f			9	270			m i ki	GDNRW	50427025
2015/04/27	23:47:09.52	0.30	0.75	51.7400	7.1360	3.3	2.2	162	1.0f		23	15	131	0.01	2.36	m i ki	BGR	50427015
2015/04/27	23:47:09.00		0.10	51.7300	7.1400				1.0	0.0	17	11	107	0.01	0.70	m i ki	BUG	50427005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.7	1	LDG	50427045
ML	2.4	0.3	16 LDG	50427045
ML	1.9		BNS	50427035
ML	1.9		GDNRW	50427025
ML	2.2	0.2	9 BGR	50427015
MD	2.3	0.2	7 BUG	50427005
ML	2.6	2	BUG	50427005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAVN	0.01	305.7	Pg	23:47:09.300	-0.0					T__				m__	
BAVN	0.01	305.7	Sg	23:47:09.900	0.4					T__		240.8		m__	
BAVS	0.03	188.1	Pg	23:47:09.900	0.3					T__				m__	ML 1.9
BAVS	0.03	188.1	Sg	23:47:11.100	1.1					---		19.5		m__	
ZERL	0.20	237.0	Pg	23:47:13.500	0.7					T__				m__	ML 2.5
ZERL	0.20	237.0	Sg	23:47:17.200	1.8					T__		3.4		m__	
ZER3	0.22	238.0	Pg	23:47:13.900	0.7					T__				m__	ML 2.3
ZER3	0.22	238.0	Sg	23:47:18.000	2.0					T__		2.1		m__	
ZER1	0.24	235.4	Pg	23:47:14.200	0.7					T__				m__	ML 2.4
ZER1	0.24	235.4	Sg	23:47:18.600	2.0					T__		2.1		m__	
BUG	0.30	164.4	Pg	23:47:15.600	0.9					T__				m__	ML 1.8
BUG	0.30	164.4	Sg	23:47:20.200	1.7					T__		0.4		m__	

BKLB	0.30	164.4	Pg	23:47:15.600	0.9	T__													m__		
BPFI	0.32	170.1	Pg	23:47:15.800	0.8	T__													m__	ML	1.8
BPFI	0.32	170.1	Sg	23:47:20.700	1.7	T__				0.4									m__		
HMES	0.37	101.0	Pg	23:47:17.000	1.0	T__													m__	ML	2.1
HMES	0.37	101.0	Sg	23:47:23.500	2.7					0.5									m__		
LAUG	0.40	197.9	Pg	23:47:17.015	0.5														m_e		
ENTS	0.52	160.9	Pg	23:47:19.320	0.6														m_e		
ENTS	0.52	160.9	Sg	23:47:26.790	1.4														m_e		
SORT	0.64	126.0	Pg	23:47:21.890	0.8														m_e		
SORT	0.64	126.0	Sg	23:47:31.440	2.0														m_e		
IBBN	0.69	33.2	Pg	23:47:22.500	0.5	T__													m__	ML	2.1
IBBE	0.70	35.0	Pg	23:47:22.700	0.6	T__													m__	ML	2.4
PLH	0.75	195.5	Pg	23:47:23.310	0.1														m_e		
PLH	0.75	195.5	Sg	23:47:33.370	0.4														m_e		
HOBG	0.76	170.7	Pg	23:47:24.171	0.9														m_e		
HOBG	0.76	170.7	Sg	23:47:34.032	1.0														m_e		
MELL	0.92	56.2	Pn	23:47:28.945	0.5														m_e	ML	2.1
KAST	0.95	123.0	Pg	23:47:27.650	0.7														m_e	ML	2.2
KAST	0.95	123.0	Sg	23:47:41.360	2.1														m_e		
GSH	1.10	205.9	Pg	23:47:30.010	0.2														m_e		
GSH	1.10	205.9	Sg	23:47:44.610	0.6														m_e		
ACN	1.16	215.1	Sg	23:47:46.440	0.5														m_e		
TDN	1.16	186.1	Pg	23:47:31.430	0.5														m_e		
TDN	1.16	186.1	Sg	23:47:46.740	0.8														m_e		
AHRW	1.19	182.0	Pg	23:47:32.468	1.0														m_e	ML	2.2
AHRW	1.19	182.0	Sg	23:47:48.136	1.3														m_e		
DREG	1.21	208.4	Pg	23:47:31.697	-0.1														m_e		
OLFT	1.32	200.4	Sg	23:47:50.990	0.2														m_e		
MEM	1.33	212.7	Pg	23:47:33.896	-0.1														m_e		
MEM	1.33	212.7	Sg	23:47:51.419	0.3														m_e		
KOE	1.36	163.9	Pg	23:47:34.121	-0.4														m_e		
BHE	1.38	178.9	Pg	23:47:34.750	-0.2														m_e		
BHE	1.38	178.9	Sg	23:47:52.660	-0.1														m_e		
LOH	1.59	194.1	Sg	23:47:57.900	-1.7														m_e		
TNS	1.72	150.9	Pg	23:47:41.116	-0.3														m_e	ML	2.2
TNS	1.72	150.9	Sg	23:48:02.921	-0.6														m_e		
CLZ	2.00	85.5	Pg	23:47:46.777	0.0														m_e	ML	2.2
CLZ	2.00	85.5	Sg	23:48:13.906	1.3														m_e		
CHRS	2.28	91.6	Pg	23:47:53.146	1.1														m_e		
MILB	2.34	143.6	Sg	23:48:24.084	0.8														m_e	ML	2.6
POSS	2.35	98.2	Sg	23:48:23.259	-0.5														m_e	ML	2.4

Event 50428006 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/28	16:16:49.40	0.07	1.04	44.6284	17.6407	2.7	1.6	035	10.0f		183	24	044				m i ke LDG	50428016
2015/04/28	16:16:53.02	0.45	1.52	44.5280	17.5400	12.2	8.9	055	10.0f		50	28	296	2.88	9.04		m i ke BGR	50428006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.8	0.3	19 LDG	50428016
ML	4.2	0.2	21 BGR	50428006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
OBKA	2.88	314.4	Pn	16:17:36.527	-1.5					T__				m_e	ML	4.2
OBKA	2.88	314.4	Pg	16:17:44.799	-2.6					T__				m_e		
OBKA	2.88	314.4	Sn	16:18:11.832	1.4					T__				m_e		
OBKA	2.88	314.4	Sg	16:18:22.833	-1.8					T__				m_e		
ARSA	3.06	333.4	Pn	16:17:38.671	-1.8					T__				m_e	ML	3.8
ARSA	3.06	333.4	Sn	16:18:13.152	-1.5					T__				m_e		
ARSA	3.06	333.4	Sg	16:18:27.981	-2.4					T__				m_e		
KBA	3.88	312.6	Pn	16:17:50.740	-0.8					T__				m_e	ML	3.9
KBA	3.88	312.6	Pg	16:18:02.257	-3.9					T__				m_e		
KBA	3.88	312.6	Sn	16:18:34.804	1.0					T__				m_e		
MOA	4.02	326.9	Pn	16:17:52.742	-0.7					T__				m_e	ML	4.1
MOA	4.02	326.9	Sn	16:18:39.464	2.3					T__				m_e		
RJOB	4.59	316.0	Pn	16:18:01.345	0.2					T__				m_e	ML	4.1
RJOB	4.59	316.0	Sn	16:18:53.537	2.9					T__				m_e		
WTTA	4.93	305.8	Pn	16:18:06.388	0.6					T__				m_e	ML	4.1
GEC2	5.06	330.0	Pn	16:18:06.541	-0.9					T__				m_e	ML	4.0
MORC	5.25	0.0	Pn	16:18:09.014	-1.1					T__				m_e	ML	4.8
MORC	5.25	0.0	Sn	16:19:06.360	0.3					T__				m_e		
WET	5.61	327.0	Pn	16:18:14.388	-0.6					T__				m_e	ML	4.0
WET	5.61	327.0	Sn	16:19:14.627	0.2					T__				m_e		
DAVA	6.00	300.1	Pn	16:18:20.660	0.4					T__				m_e	ML	4.3
DAVA	6.00	300.1	Pg	16:18:47.918	1.9					T__				m_e		
DAVA	6.00	300.1	Sg	16:20:00.490	-3.1					T__				m_e		
UBR	6.04	304.1	Pn	16:18:20.953	0.2					T__				m_e	ML	4.3
PLONS	6.22	296.8	Pn	16:18:24.308	1.1					T__				m_e		
ROTZ	6.37	327.2	Pn	16:18:24.222	-1.0					T__				m_e	ML	4.2
ROTZ	6.37	327.2	Sn	16:19:32.778	0.4					T__				m_e		
MANZ	6.58	327.9	Pn	16:18:27.731	-0.4					T__				m_e	ML	4.2
WILA	6.65	298.8	Pn	16:18:29.365	0.2					T__				m_e	ML	4.5
GRA1	6.71	322.5	Pn	16:18:29.004	-1.0					T__				m_e	ML	4.5
GRA1	6.71	322.5	Pg	16:18:59.559	-0.0					T__				m_e		
GRA1	6.71	322.5	Sn	16:19:41.196	0.7					T__				m_e		
BRG	6.79	340.4	Pn	16:18:28.882	-2.1					T__				m_e	ML	4.1
SLE	7.05	300.5	Pn	16:18:34.007	-0.5					T__				m_e	ML	4.3
SULZ	7.19	298.0	Pn	16:18:36.171	-0.3					T__				m_e		
MOX	7.30	329.0	Pn	16:18:37.636	-0.3					T__				m_e	ML	4.3
MOX	7.30	329.0	Sn	16:19:54.578	0.3					T__				m_e		
BFO	7.39	304.2	Pn	16:18:38.289	-0.9					T__				m_e	ML	4.2
BALST	7.39	295.8	Pn	16:18:38.903	-0.3					T__				m_e		
CLL	7.43	337.5	Pn	16:18:38.508	-1.1					T__				m_e	ML	4.5
CLL	7.43	337.5	Sn	16:19:57.286	0.1					T__				m_e		
MILB	7.71	316.4	Pn	16:18:42.724	-0.7					T__				m_e	ML	4.6
MILB	7.71	316.4	Sn	16:20:05.847	2.1					T__				m_e		
UBBA	8.07	323.8	Pn	16:18:46.261	-2.1					T__				m_e		
UBBA	8.07	323.8	Sg	16:21:06.929	-2.6					T__				m_e		
TNS	8.38	316.0	Pn	16:18:52.035	-0.4					T__				m_e		
TNS	8.38	316.0	Sn	16:20:20.135	0.6					T__				m_e		
CHRS	8.38	330.1	Pn	16:18:52.431	-0.1					T__				m_e		
KAST	9.04	320.8	Pn	16:19:01.940	0.4					T__				m_e		
KAST	9.04	320.8	Sn	16:20:36.910	1.7					T__				m_e		

Event 50428009 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/28	19:30:16.30	0.11	0.57	51.7243	7.1733	2.7	1.6	136	1.0f		70	19	149			m i sr	LDG	50428049
2015/04/28	19:30:16.20	0.42	0.21	51.7280	7.0880				1.0f			8	312	0.31	1.53	m i ki	BNS	50428039
2015/04/28	19:30:15.30	0.23	0.21	51.7360	7.1190				1.0f			10	262			m i ki	GDNRW	50428029
2015/04/28	19:30:16.33	0.21	1.06	51.7100	7.1550	3.3	2.2	136	1.0f		48	31	081	0.03	3.74	m i ki	BGR	50428019
2015/04/28	19:30:15.50		0.29	51.7400	7.1500				1.0	1.0	28	19	123	0.02	2.17	m i ki	BUG	50428009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.2	17 LDG	50428049
ML	2.4		BNS	50428039
ML	2.4		GDNRW	50428029
ML	2.7	0.3	17 BGR	50428019
MD	2.9	0.4	17 BUG	50428009
ML	3.1	0.2	13 BUG	50428009

Effects _____ Loctyp Location Intensity Scale Author
 _F_____ Summar 4.0 EMS GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAVN	0.02	263.4	Pg	19:30:15.800	-0.1					T__				m__	
BAVN	0.02	263.4	Sg	19:30:16.400	0.3					T__		607.7		m__	
BAVS	0.04	194.6	Pg	19:30:16.500	0.2					T__				m__ ML	2.5
BAVS	0.04	194.6	Sg	19:30:17.800	0.9					T__		56.9		m__	
ZERL	0.21	235.7	Pg	19:30:20.000	0.5					T__				m__	
ZERL	0.21	235.7	Sg	19:30:23.700	1.5					T__		15.1		m__	
ZER3	0.23	236.8	Pg	19:30:20.500	0.6					T__				m__ ML	3.0
ZER3	0.23	236.8	Sg	19:30:24.600	1.7					T__		8.7		m__	
ZER1	0.25	234.3	Pg	19:30:20.800	0.6					T__				m__ ML	3.0
ZER1	0.25	234.3	Sg	19:30:25.200	1.8					T__		7.8		m__	
BULI	0.29	166.5	Pg	19:30:21.900	0.9					T__				m__ ML	2.4
BULI	0.29	166.5	Sg	19:30:26.400	1.6					T__		1.7		m__	
BTEZ	0.30	164.6	Pg	19:30:22.000	0.8					T__				m__	
BUG	0.31	166.1	Pg	19:30:22.200	0.9					T__				m__ ML	2.3
BUG	0.31	166.1	Sg	19:30:26.800	1.5					T__		1.2		m__	
BKLB	0.31	166.0	Pg	19:30:22.100	0.8					T__				m__	
BPFI	0.33	171.4	Pg	19:30:22.400	0.8					T__				m__ ML	2.3
BPFI	0.33	171.4	Sg	19:30:27.200	1.4					T__		1.2		m__	
HMES	0.37	102.7	Pg	19:30:24.100	1.7					T__				m__ ML	2.6
HMES	0.37	102.7	Sg	19:30:29.018	1.9					---				m_e	
LAUG	0.41	198.3	Pg	19:30:23.514	0.3					---				m_e	
BRH3	0.42	237.8	Pg	19:30:25.200	1.7					T__				m__ ML	2.9
ENTS	0.52	161.9	Pg	19:30:26.120	0.7					---				mdi	
ENTS	0.52	161.9	Sg	19:30:33.350	1.2					---				m_e	
SORT	0.64	127.1	Pg	19:30:28.140	0.5					---				m_e	
SORT	0.64	127.1	Sg	19:30:37.210	1.3					---		111.1	0.31	m_e	
IBBS	0.66	33.9	Pg	19:30:28.800	0.9					T__				m__ ML	2.7
IBBN	0.68	33.3	Pg	19:30:29.200	0.9					T__				m__ ML	2.7
IBBN	0.68	33.3	Sg	19:30:40.792	3.7					---				m_e	
IBBE	0.69	35.1	Pg	19:30:29.300	0.9					T__				m__ ML	2.8
PLH	0.76	195.8	Pg	19:30:30.090	0.2					---				m_e	

PLH	0.76	195.8	Sg	19:30:40.190	0.4	---	---	---	m_e	---	---
HOBG	0.77	171.3	Pg	19:30:30.689	0.8	---	---	---	m_e	---	---
RWB	0.89	224.6	Sg	19:30:44.320	0.5	---	---	197.1	0.29	m_e	---
MELL	0.91	56.5	Pg	19:30:33.404	0.7	---	---	---	---	m_e	ML 2.6
MELL	0.91	56.5	Sg	19:30:48.113	3.7	---	---	---	---	m_e	---
KAST	0.95	123.8	Pg	19:30:34.100	0.6	---	T_	---	---	m_e	ML 2.9
KAST	0.95	123.8	Sg	19:30:47.682	1.9	---	---	---	---	m_e	---
GSH	1.11	206.0	Pg	19:30:36.440	-0.1	---	---	---	---	m_e	---
GSH	1.11	206.0	Sg	19:30:51.290	0.4	---	---	54.5	0.26	m_e	---
STB	1.16	189.7	Pg	19:30:37.624	0.2	---	---	---	---	m_e	---
TDN	1.17	186.4	Pg	19:30:37.720	0.1	---	---	---	---	m_e	---
TDN	1.17	186.4	Sg	19:30:53.150	0.4	---	---	89.2	0.28	m_e	---
ACN	1.17	215.1	Pg	19:30:37.270	-0.3	---	---	---	---	m_e	---
ACN	1.17	215.1	Sg	19:30:52.940	0.2	---	---	94.6	0.27	m_e	---
AHRW	1.20	182.2	Pg	19:30:37.900	-0.2	---	T_	---	---	m_e	ML 2.8
AHRW	1.20	182.2	Sg	19:30:54.609	1.0	---	---	---	---	m_e	---
KLL	1.21	206.0	Pg	19:30:38.203	-0.2	---	---	---	---	m_e	---
DREG	1.22	208.4	Pg	19:30:38.252	-0.3	---	---	---	---	m_e	---
DREG	1.22	208.4	Sg	19:30:55.103	0.8	---	---	212.2	0.44	m_e	---
HGN	1.24	218.5	Pn	19:30:39.800	0.6	---	T_	---	---	m_e	ML 2.8
HGN	1.24	218.5	Pg	19:30:38.600	-0.2	---	T_	---	---	m_e	---
OLFT	1.33	200.5	Pg	19:30:40.040	-0.5	---	---	---	---	m_e	---
OLFT	1.33	200.5	Sg	19:30:57.650	-0.0	---	---	---	---	m_e	---
MEM	1.34	212.7	Pn	19:30:39.739	-0.8	---	---	---	---	m_e	---
MEM	1.34	212.7	Sg	19:30:58.132	0.1	---	---	---	---	m_e	---
KOE	1.36	164.2	Pg	19:30:41.034	-0.2	---	---	---	---	m_e	---
BHE	1.39	179.2	Pg	19:30:41.110	-0.5	---	---	---	---	m_e	---
BHE	1.39	179.2	Sg	19:30:59.430	-0.1	---	---	76.0	0.20	m_e	---
BGG	1.54	175.5	Pg	19:30:43.298	-1.2	---	---	---	---	m_e	---
LOH	1.60	194.2	Pg	19:30:44.180	-1.6	---	---	---	---	m_e	---
LOH	1.60	194.2	Sg	19:31:04.480	-2.0	---	---	49.6	0.33	m_e	---
TNS	1.72	151.2	Pn	19:30:46.500	0.7	---	T_	---	---	m_e	ML 2.9
TNS	1.72	151.2	Sg	19:31:09.498	-0.7	---	---	---	---	m_e	---
GTTG	1.76	95.3	Sg	19:31:13.087	1.8	---	---	---	---	m_e	ML 2.8
BODE	1.97	157.9	Sg	19:31:17.054	-0.9	---	---	---	---	m_e	ML 3.3
CLZ	2.00	85.8	Pn	19:30:51.172	1.7	---	---	---	---	m_e	ML 2.8
CLZ	2.00	85.8	Pg	19:30:54.700	1.6	---	---	---	---	m_e	---
CLZ	2.00	85.8	Sg	19:31:19.862	1.0	---	---	---	---	m_e	---
UBBA	2.01	116.2	Pg	19:30:54.600	1.3	---	---	---	---	m_e	ML 2.5
UBBA	2.01	116.2	Sg	19:31:18.913	-0.3	---	---	---	---	m_e	---
WLF	2.17	197.3	Pg	19:30:56.200	-0.2	---	---	---	---	m_e	ML 2.8
WLF	2.17	197.3	Sg	19:31:23.782	-0.6	---	---	---	---	m_e	---
ASSE	2.21	78.4	Pg	19:30:58.583	1.5	---	---	---	---	m_e	---
CHRS	2.28	91.8	Pg	19:30:59.735	1.3	---	---	---	---	m_e	---
MILB	2.34	143.8	Pn	19:30:54.897	0.7	---	---	---	---	m_e	ML 3.1
MILB	2.34	143.8	Sg	19:31:28.981	-0.9	---	---	---	---	m_e	---
POSS	2.35	98.5	Sg	19:31:29.298	-0.8	---	---	---	---	m_e	ML 2.9
FLT1	2.58	75.2	Pg	19:31:03.926	-0.2	---	---	---	---	m_e	ML 2.5
FLT1	2.58	75.2	Sg	19:31:38.067	0.5	---	---	---	---	m_e	---
WIMM	2.71	92.9	Pg	19:31:06.588	-0.0	---	---	---	---	m_e	ML 2.6
WIMM	2.71	92.9	Sg	19:31:40.033	-1.6	---	---	---	---	m_e	---
BSEG	2.91	39.8	Sn	19:31:36.747	1.5	---	---	---	---	m_e	---
MOX	3.00	109.6	Pn	19:31:04.890	1.7	---	---	---	---	m_e	ML 2.7
MOX	3.00	109.6	Sg	19:31:50.040	-0.9	---	---	---	---	m_e	---

GRA1	3.29	126.9	Sg	19:32:01.403	1.3	---	m_e	ML	2.8
MANZ	3.59	117.3	Sg	19:32:09.258	-0.2	---	m_e		
CLL	3.67	94.5	Sg	19:32:12.158	0.2	---	m_e		
ROTZ	3.76	119.7	Sg	19:32:15.511	0.6	---	m_e		

Event 50429009 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2015/04/29	18:32:09.30	0.50	0.34	51.6084	6.9229	8.5	3.3	010	1.0f		7	3	287			m i sr	LDG	50429049
2015/04/29	18:32:09.60	0.32	0.11	51.5840	6.9150				1.0f			5	313	0.23	1.27	m i ki	BNS	50429039
2015/04/29	18:32:06.00	0.22	0.11	51.7330	7.0910				1.0f				7	280		m i ki	GDNRW	50429029
2015/04/29	18:32:07.23	0.26	0.98	51.7150	7.1240	4.4	2.2	114	1.0f		22	14	119	0.02	2.36	m i ki	BGR	50429019
2015/04/29	18:32:06.30		0.06	51.7300	7.1400				1.0	0.0	11	8	233	0.01	0.30	m i ki	BUG	50429009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	1.7	0.1	2 LDG	50429049
ML	2.3	0.3	3 LDG	50429049
ML	1.7		BNS	50429039
ML	1.7		GDNRW	50429029
ML	1.9	0.2	7 BGR	50429019
MD	2.1	0.1	6 BUG	50429009
ML	2.0		1 BUG	50429009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAVN	0.01	305.7	Pg	18:32:06.600	-0.0									m_	
BAVN	0.01	305.7	Sg	18:32:07.200	0.4					T_		113.5		m_	
BAVS	0.03	188.1	Pg	18:32:07.200	0.3					T_				m_	ML 1.7
BAVS	0.03	188.1	Sg	18:32:08.400	1.1					T_		11.8		m_	
ZERL	0.20	237.0	Pg	18:32:10.800	0.7					T_				m_	ML 2.3
ZERL	0.20	237.0	Sg	18:32:14.400	1.7					T_		2.1		m_	
ZER3	0.22	238.0	Pg	18:32:11.200	0.7					T_				m_	ML 2.2
ZER3	0.22	238.0	Sg	18:32:15.100	1.8					T_		1.4		m_	
ZER1	0.24	235.4	Pg	18:32:11.500	0.7					T_				m_	ML 2.2
ZER1	0.24	235.4	Sg	18:32:15.900	2.0							1.3		m_	
BULI	0.29	164.8	Pg	18:32:12.900	1.2									m_	ML 1.8
BULI	0.29	164.8	Sg	18:32:17.100	1.7					T_		0.4		m_	
BUG	0.30	164.4	Pg	18:32:12.900	0.9					T_				m_	ML 1.7
BUG	0.30	164.4	Sg	18:32:17.700	1.9							0.3		m_	
BKLB	0.30	164.4	Pg	18:32:12.900	0.9					T_				m_	
LAUG	0.40	197.9	Pg	18:32:14.163	0.4									m_e	
ENTS	0.52	160.9	Pg	18:32:16.790	0.7									m_e	
ENTS	0.52	160.9	Sg	18:32:24.030	1.3									m_e	
SORT	0.64	126.0	Pg	18:32:19.120	0.7									m_e	
SORT	0.64	126.0	Sg	18:32:28.390	1.7							16.5	0.52	m_e	
IBBN	0.69	33.2	Pg	18:32:20.180	0.9									m_e	ML 2.0
IBBN	0.69	33.2	Sg	18:32:31.689	3.4									m_e	
IBBE	0.70	35.0	Sg	18:32:29.910	1.4									m_e	
PLH	0.75	195.5	Pg	18:32:20.440	-0.1									m_e	
PLH	0.75	195.5	Sg	18:32:30.820	0.6									m_e	
HOBG	0.76	170.7	Pg	18:32:22.509	2.0									m_e	
HOBG	0.76	170.7	Sg	18:32:31.852	1.5							50.1	0.38	m_e	

MELL	0.92	56.2	Sg	18:32:38.951	3.4	---						m_e	ML	2.0
KAST	0.95	123.0	Pg	18:32:25.170	0.9	---						m_e	ML	2.0
KAST	0.95	123.0	Sg	18:32:38.571	2.0	---						m_e		
GSH	1.10	205.9	Sg	18:32:41.730	0.4	---				15.5	0.50	m_e		
STB	1.15	189.5	Pg	18:32:28.278	0.3	---						m_e		
TDN	1.16	186.1	Pg	18:32:28.220	0.0	---						m_e		
TDN	1.16	186.1	Sg	18:32:43.930	0.7	---				18.4	0.31	m_e		
AHRW	1.19	182.0	Pg	18:32:28.953	0.2	---						m_e	ML	2.0
AHRW	1.19	182.0	Sg	18:32:45.065	1.0	---						m_e		
KLL	1.20	205.9	Pg	18:32:28.761	-0.2	---						m_e		
MEM	1.33	212.7	Pg	18:32:30.964	-0.3	---						m_e		
MEM	1.33	212.7	Sg	18:32:48.873	0.5	---						m_e		
KOE	1.36	163.9	Pg	18:32:32.865	1.0	---						m_e		
BHE	1.38	178.9	Pg	18:32:31.930	-0.3	---						m_e		
BHE	1.38	178.9	Sg	18:32:50.040	-0.0	---				13.2	0.36	m_e		
LOH	1.59	194.1	Sg	18:32:54.980	-1.9	---				13.3	0.25	m_e		
TNS	1.72	150.9	Pg	18:32:38.258	-0.4	---						m_e	ML	1.9
TNS	1.72	150.9	Sg	18:33:01.215	0.4	---						m_e		
CLZ	2.00	85.5	Sg	18:33:11.298	1.4	---						m_e	ML	2.0
POSS	2.35	98.2	Sg	18:33:20.359	-0.7	---						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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