

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 50501003 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/01	17:49:35.80			50.3693	7.3682				4.0f		21	8				m i ke	LDG	50501023
2005/05/01	17:49:34.35			50.3850	7.3500				10.0f		8	6	149	0.72	2.39	m i ke	BGR	50501013
2005/05/01	17:49:35.70			50.3760	7.4010				2.8		9	5	197	0.17	0.74	m i ke	BENS	50501003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	50501023
ML	1.6	0.2	3 BGR	50501013
ML	1.4		BENS	50501003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.17	193.8	Pg	17:49:39.170	0.1					T__				mci	
BGG	0.17	193.8	Sg	17:49:41.270	-0.0					T__		164.3	0.10	m_e	
STB	0.42	301.6	Pg	17:49:43.870	0.3					T__				m_e	
STB	0.42	301.6	Sg	17:49:48.950	-0.1					T__		20.3	0.10	m_e	
BNS	0.60	346.5	Pg	17:49:47.210	0.1					T__				m_e	
HOB	0.61	356.0	Pg	17:49:47.320	0.1					T__				mde	
HOB	0.61	356.0	Sg	17:49:55.750	0.7					T__		28.1	0.50	m_e	
TNS	0.69	102.5	Pg	17:49:48.376	-0.3				4.2	---				m_e ML	1.5
TNS	0.69	102.5	Sg	17:49:57.645	0.1				8.8	---				m_e	
KLL	0.74	291.8	Pg	17:49:49.510	-0.2					T__				m_e	
KLL	0.74	291.8	Sg	17:50:00.110	0.8					T__				m_e	
WLF	1.07	228.9	Pg	17:49:54.443	-1.5				1.8	---				m_e ML	1.6
WLF	1.07	228.9	Sg	17:50:08.446	-1.3				2.9	---				m_e	
GIVF	1.67	261.6	Sg	17:50:27.059	-1.7				2.9	---				m_e	
CDF	1.97	182.4	Pg	17:50:10.679	-2.1				2.4	---				m_e	
BAIF	2.07	262.4	Sg	17:50:38.781	-2.6				5.4	---				m_e	
CLZ	2.37	50.7	Sg	17:50:50.341	-0.7				2.2	---				m_e ML	1.8

Event 50501002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/01	21:48:09.70			49.3955	6.8620				1.0f		28	14				m i si	LDG	50501012
2005/05/01	21:48:09.86			49.3540	6.8840				1.0f		8	5	166	0.57	4.49	m i ki	BGR	50501002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	50501012
ML	1.8	0.1	2 BGR	50501002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	303.5	Pg	21:48:20.949	0.4					T__	3.6			m_e	
WLF	0.57	303.5	Sg	21:48:27.528	-0.4					T__	7.9			m_e	
TNS	1.33	48.7	Pg	21:48:33.537	-1.4					T__	4.5			m_e ML	1.8
TNS	1.33	48.7	Sg	21:48:52.424	0.3					T__	8.5			m_e	
BFO	1.40	136.6	Pg	21:48:36.145	-0.1					T__	3.1			m_e ML	1.7
BFO	1.40	136.6	Sg	21:48:53.602	-0.7					T__	8.8			m_e	

WET	3.92	90.8	Pn	21:49:10.879	1.0	T__	2.1	m_e
GEC2	4.49	93.9	Pn	21:49:18.941	1.2	T__	5.1	m_e

Event 50502006 Imst/A, Western Mieminger Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/02	21:20:28.50			47.1828	11.6841				10.0f		5	3				m i ke	LDG	50502016
2005/05/02	21:20:27.31			47.3700	11.0000				10.0f		28	14	160	0.44	4.00	m i ke	BGR	50502006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	50502016
ML	2.0	0.4	10 BGR	50502006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.44	103.6	Pg	21:20:35.147	-0.7					T__	11.2			m_e	
WTTA	0.44	103.6	Sg	21:20:41.974	0.3					T__	11.3			m_e	
OBER	0.48	274.7	Pg	21:20:35.800	-0.7					---				m_e ML	1.9
OBER	0.48	274.7	Sg	21:20:43.000	0.2					---				m_i	
SCE	0.59	124.2	Pg	21:20:37.400	-1.1					---				mci	
SCE	0.59	124.2	Sg	21:20:45.500	-0.6					---				m_i	
DAVA	0.76	264.1	Pg	21:20:41.242	-0.6					T__	5.9			m_e ML	1.8
DAVA	0.76	264.1	Sg	21:20:52.206	0.5					T__	5.0			m_e	
FUR	0.81	13.0	Pg	21:20:43.642	0.9					T__	3.5			m_e	
FUR	0.81	13.0	Sg	21:20:53.385	0.0					T__	18.4			m_e	
NORI	1.37	349.6	Pg	21:20:53.400	0.1					---				mci ML	2.3
NORI	1.37	349.6	Sg	21:21:12.200	1.2					---				m_e	
KBA	1.62	99.5	Pg	21:20:57.882	0.0					T__	6.9			m_e ML	1.7
KBA	1.62	99.5	Sg	21:21:19.704	0.9					T__	5.7			m_e	
BFO	2.03	299.2	Pn	21:21:01.831	1.1					T__	1.5			m_e ML	2.1
BFO	2.03	299.2	Sg	21:21:31.205	-0.8					T__	3.7			m_e	
WET	2.17	34.5	Pn	21:21:02.875	0.2					T__	2.5			m_e ML	2.0
WET	2.17	34.5	Sg	21:21:35.284	-1.0					T__	1.4			m_e	
MOA	2.25	76.5	Pn	21:21:04.873	1.1					T__	1.0			m_e ML	1.6
MOA	2.25	76.5	Pg	21:21:09.202	-0.6					T__	3.8			m_e	
MOA	2.25	76.5	Sg	21:21:39.454	0.5					T__	4.1			m_e	
GRA1	2.33	3.5	Sg	21:21:41.506	0.2					---				m_e ML	2.3
GEC2	2.33	49.7	Pn	21:21:06.324	1.5					T__	1.0			m_e ML	2.6
GEC2	2.33	49.7	Pg	21:21:10.603	-0.7					T__	5.7			m_e	
GEC2	2.33	49.7	Sg	21:21:40.955	-0.4					T__	4.0			m_e	
GUNZ	3.12	15.8	Sn	21:21:51.057	0.8					T__	5.5			m_e ML	1.6
GUNZ	3.12	15.8	Sg	21:22:06.433	-0.0					T__	4.7			m_e	
TANN	3.19	17.0	Sn	21:21:54.104	2.1					T__	2.4			m_e	
TANN	3.19	17.0	Sg	21:22:09.896	1.1					T__	3.8			m_e	
WERD	3.19	15.1	Pn	21:21:17.995	1.5					T__	0.8			m_e ML	2.6
WERD	3.19	15.1	Sn	21:21:52.869	0.8					T__	2.3			m_e	
WERD	3.19	15.1	Sg	21:22:09.859	1.0					T__	3.5			m_e	
MOX	3.30	6.8	Sn	21:21:56.092	1.6					T__	1.3			m_e	
TNS	3.31	330.4	Sn	21:21:57.324	2.6					T__	1.3			m_e	
BRG	4.00	27.7	Sg	21:22:33.699	-0.6					T__	1.1			m_e	

Event 50502008 Imst/A, Western Mieminger Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/02	21:33:25.48			47.3720	10.9950				10.0f		21	11	160	0.45	3.19	m i ke	BGR	50502018

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	5 BGR	50502018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.45	103.7	Pg	21:33:33.436	-0.7					T__	9.6			m_e	
WTTA	0.45	103.7	Sg	21:33:40.466	0.5					T__	17.0			m_e	
OBER	0.48	274.5	Pg	21:33:34.200	-0.4					---				mci ML	2.1
OBER	0.48	274.5	Sg	21:33:41.400	0.5					---				m_i	
SCE	0.59	124.2	Pg	21:33:35.800	-0.9					---				mci	
SCE	0.59	124.2	Sg	21:33:43.700	-0.7					---				m_i	
DAVA	0.76	264.0	Pg	21:33:39.307	-0.6					T__	12.5			m_e ML	1.9
DAVA	0.76	264.0	Sg	21:33:50.299	0.5					T__	6.4			m_e	
FUR	0.81	13.3	Pg	21:33:41.787	0.9					T__	2.6			m_e	
FUR	0.81	13.3	(Sg)	21:33:53.741	2.3					---	13.2			m_e	
NORI	1.37	349.7	Pg	21:33:51.700	0.3					---				mci ML	2.3
NORI	1.37	349.7	Sg	21:34:10.500	1.4					---				m_e	
KBA	1.62	99.6	Pg	21:33:56.228	0.1					T__	5.4			m_e	
BFO	2.03	299.2	Pn	21:34:00.380	1.5					T__	1.3			m_e ML	2.1
BFO	2.03	299.2	Pg	21:34:03.763	0.0					T__	7.9			m_e	
BFO	2.03	299.2	Sg	21:34:29.583	-0.4					T__	4.9			m_e	
WET	2.17	34.6	Pn	21:34:01.193	0.4					T__	2.8			m_e ML	2.0
WET	2.17	34.6	Sg	21:34:33.680	-0.8					T__	1.6			m_e	
MOA	2.26	76.6	Pg	21:34:07.179	-0.8					T__	4.1			m_e ML	2.3
MOA	2.26	76.6	Sg	21:34:37.661	0.5					T__	4.8			m_e	
GEC2	2.33	49.8	Pn	21:34:04.910	1.9					T__	0.8			m_e ML	2.0
GEC2	2.33	49.8	Pg	21:34:08.888	-0.6					T__	9.1			m_e	
GEC2	2.33	49.8	Sg	21:34:39.698	0.1					T__	2.1			m_e	
GUNZ	3.12	15.9	Sn	21:34:49.149	0.8					T__	2.6			m_e	
GUNZ	3.12	15.9	Sg	21:35:03.578	-1.0					T__	3.7			m_e	
TANN	3.19	17.0	Sn	21:34:52.657	2.5					T__	1.9			m_e	
TANN	3.19	17.0	Sg	21:35:08.163	1.2					T__	3.1			m_e	
WERD	3.19	15.2	Sg	21:35:07.435	0.5					T__	3.5			m_e	

Event 50502009 Imst/A, Western Mieminger Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/02	21:46:55.60			47.3601	11.7924				10.0f		6	4				m i ke	LDG	50502019
2005/05/02	21:46:54.47			47.3790	10.9920				10.0f		20	12	158	0.45	3.29	m i ke	BGR	50502009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	50502019
ML	1.8	0.2	6 BGR	50502009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.45	104.5	Pg	21:47:02.915	-0.2					T__	4.2			m_e	

WTTA	0.45	104.5	Sg	21:47:09.267	0.2	T__	16.6	m_e											
OBER	0.47	273.6	Pg	21:47:03.200	-0.4	---		m_c	ML	1.8									
OBER	0.47	273.6	Sg	21:47:10.400	0.6	---		m_i											
SCE	0.59	124.6	Pg	21:47:04.800	-1.0	---		m_c											
SCE	0.59	124.6	Sg	21:47:12.000	-1.6	---		m_e											
DAVA	0.76	263.4	Pg	21:47:08.606	-0.3	T__	5.8	m_e	ML	1.7									
DAVA	0.76	263.4	Sg	21:47:19.417	0.7	T__	5.6	m_e											
FUR	0.81	13.5	Pg	21:47:10.240	0.5	T__	1.0	m_e											
FUR	0.81	13.5	(Sg)	21:47:22.554	2.3	---	7.8	m_e											
NORI	1.36	349.8	Pg	21:47:20.800	0.6	---		m_c	ML	2.2									
NORI	1.36	349.8	Sg	21:47:39.800	1.9	---		m_e											
KBA	1.63	99.8	Pg	21:47:25.285	0.1	T__	2.6	m_e	ML	1.6									
KBA	1.63	99.8	Sg	21:47:46.354	0.2	T__	3.4	m_e											
BFO	2.02	299.0	Pn	21:47:28.315	0.5	T__	0.9	m_e	ML	2.0									
BFO	2.02	299.0	Pg	21:47:32.622	-0.0	T__	3.3	m_e											
BFO	2.02	299.0	Sg	21:47:58.602	-0.2	T__	4.1	m_e											
WET	2.17	34.7	Sg	21:48:02.592	-0.7	T__	1.6	m_e	ML	1.8									
MOA	2.26	76.8	Pg	21:47:36.470	-0.6	T__	3.0	m_e	ML	2.0									
MOA	2.26	76.8	Sg	21:48:06.628	0.4	T__	4.7	m_e											
GEC2	2.33	50.0	Pg	21:47:37.922	-0.5	T__	2.6	m_e	ML	1.9									
GEC2	2.33	50.0	Sg	21:48:08.647	0.2	T__	2.6	m_e											
GUNZ	3.11	15.9	Sn	21:48:18.339	1.1	T__	3.0	m_e											
GUNZ	3.11	15.9	Sg	21:48:32.689	-0.7	T__	3.2	m_e											
TANN	3.19	17.1	Sg	21:48:36.468	0.8	T__	2.4	m_e											
WERD	3.19	15.2	Sg	21:48:36.574	0.8	T__	3.0	m_e											
MOX	3.29	6.9	Sg	21:48:39.478	0.4	T__	2.0	m_e											

Event 50503006 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/03	12:39:49.70			49.3294	6.7813				1.0f		18	9				m i s i	LDG	50503016
2005/05/03	12:39:49.62			49.3180	6.8390				1.0f		24	13	100	0.41	1.63	m i k i	BGR	50503006
#PRIME)																		

Magnitude Err Nsta Author

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		LDG	50503016
ML	2.1	0.0	2 BGR	50503006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.41	20.4	Pg	12:39:57.320	-0.0					T__	10.2			m_e	
RUP	0.41	20.4	Sg	12:40:02.831	0.2					T__	2.6			m_e	
WLF	0.56	308.1	Pg	12:40:00.544	0.3					T__	3.6			m_e	
WLF	0.56	308.1	Sg	12:40:07.846	0.3					T__	3.3			m_e	
LANF	0.72	117.7	Pg	12:40:03.255	0.1					T__	3.7			m_e	
LANF	0.72	117.7	Sg	12:40:12.372	-0.0					T__	1.8			m_e	
ABH	0.73	38.9	Pg	12:40:03.142	-0.2					T__	4.7			m_e	
ABH	0.73	38.9	Sg	12:40:13.061	0.3					T__	3.6			m_e	
KTD	0.81	89.4	Pg	12:40:05.312	0.4					T__	4.8			m_e	
WLS	0.97	159.3	Pg	12:40:07.447	-0.4					T__	10.3			m_e	
WLS	0.97	159.3	Sg	12:40:20.963	0.6					T__	4.4			m_e	
ECH	1.12	169.1	Pg	12:40:10.878	0.1					T__	11.4			m_e	
ECH	1.12	169.1	Sg	12:40:25.228	-0.0					T__	9.7			m_e	

THEF	1.22	207.4	Pg	12:40:12.029	-0.7	T__	14.7	m_e										
THEF	1.22	207.4	Sg	12:40:28.651	0.1	T__	8.4	m_e										
TOD	1.31	76.5	Pg	12:40:13.898	-0.4	T__	3.4	m_e										
TOD	1.31	76.5	Sg	12:40:31.411	0.2	T__	3.7	m_e										
TNS	1.38	48.3	Pg	12:40:14.800	-0.8	T__	3.3	m_e	ML									2.1
TNS	1.38	48.3	Sg	12:40:33.513	0.1	T__	2.7	m_e										
BFO	1.39	134.6	Pg	12:40:15.688	-0.2	T__	3.1	m_e	ML									2.1
BFO	1.39	134.6	Sg	12:40:34.381	0.5	T__	7.7	m_e										
MOF	1.48	172.3	Pg	12:40:17.313	-0.2	T__	12.3	m_e										
MOF	1.48	172.3	Sg	12:40:37.252	0.6	T__	9.0	m_e										
FELD	1.63	151.4	Sg	12:40:40.990	-0.6	T__	2.8	m_e										

Event 50503004 Pitztal/A, E of Landeck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/03	15:31:30.80			47.1000	10.9000				1.0							m i uk	SED	50503024
2005/05/03	15:31:34.40			47.1238	10.6523				5.0f		37	18				m i ke	LDG	50503014
2005/05/03	15:31:32.72			47.1820	10.8160				10.0f		29	14	187	0.56	3.97	m i ke	BGR	50503004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		SED	50503024
ML	2.9		LDG	50503014
ML	2.7	0.4	5 BGR	50503004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBER	0.42	302.6	Pg	15:31:40.400	-0.4										mdi
WTTA	0.56	81.3	Pg	15:31:43.348	-0.1					T__	78.0				m_e
WTTA	0.56	81.3	Sg	15:31:51.480	0.6					T__	2.6				m_e
SCE	0.63	102.9	Pg	15:31:44.600	-0.0										m_e ML 2.3
SCE	0.63	102.9	Sg	15:31:53.300	0.5										m_e
DAVA	0.64	279.7	Pg	15:31:44.514	-0.5					T__	14.4				m_e ML 2.3
DAVA	0.64	279.7	Sg	15:31:53.278	-0.1					T__	4.7				m_e
FUR	1.03	17.3	Pg	15:31:52.634	0.5					T__	2.0				m_e ML 3.3
FUR	1.03	17.3	(Sg)	15:32:07.146	1.6						19.4				m_e
RJOB	1.45	66.7	Pg	15:32:01.100	1.0										m_e ML 2.6
RJOB	1.45	66.7	Sg	15:32:22.500	3.7										m_e
RMOA	1.50	66.5	Pg	15:32:01.900	0.8										m_e ML 2.5
KBA	1.72	92.5	Pg	15:32:04.873	-0.4					T__	32.3				m_e ML 2.5
KBA	1.72	92.5	Sg	15:32:27.344	-0.2					T__	4.2				m_e
BFO	2.03	305.4	Pn	15:32:07.369	1.3					T__	1.3				m_e ML 2.6
BFO	2.03	305.4	Pg	15:32:11.123	0.1					T__	3.5				m_e
BFO	2.03	305.4	Sg	15:32:36.815	-0.4					T__	4.5				m_e
WET	2.40	34.3	Pn	15:32:11.962	0.9					T__	4.7				m_e
WET	2.40	34.3	Sn	15:32:41.377	2.7					T__	3.2				m_e
MOA	2.42	72.7	Pg	15:32:17.301	-1.1					T__	10.3				m_e
MOA	2.42	72.7	Sg	15:32:50.876	1.1					T__	3.6				m_e
GRA1	2.52	6.0	Sn	15:32:43.232	1.6										m_e
GEC2	2.55	48.2	Pn	15:32:14.658	1.5					T__	1.7				m_e ML 2.6
GEC2	2.55	48.2	Pg	15:32:19.843	-0.9					T__	7.8				m_e
GEC2	2.55	48.2	(Sn)	15:32:46.145	3.9						1.9				m_e
GEC2	2.55	48.2	Sg	15:32:52.959	-0.7					T__	3.8				m_e

RMOA	1.51	65.8	Pg	15:35:40.400	1.2	---	m_e	ML	2.8	
BGLD	1.57	70.8	Pg	15:35:40.900	0.7	---	m_e	ML	2.9	
BUCH	1.62	323.4	Pn	15:35:39.420	1.0	---	mci	ML	3.3	
BUCH	1.62	323.4	Pg	15:35:41.220	0.1	---	m_			
BUCH	1.62	323.4	Sg	15:36:02.670	0.6	---	m_			
KBA	1.73	91.7	Pg	15:35:42.763	-0.4	T_	35.0	m_e	ML	2.8
KBA	1.73	91.7	Sg	15:36:05.128	-0.4	T_	4.6	m_e		
LBG	2.02	318.9	Pn	15:35:45.040	1.2	---	m_	ML	3.0	
LBG	2.02	318.9	Sn	15:36:08.480	0.8	---	m_			
LBG	2.02	318.9	Sg	15:36:14.750	-0.1	---	m_			
BFO	2.04	306.0	Pn	15:35:44.817	0.7	T_	1.9	m_e	ML	2.8
BFO	2.04	306.0	Pg	15:35:49.295	0.3	T_	4.8	m_e		
BFO	2.04	306.0	Sg	15:36:15.251	-0.1	T_	4.4	m_e		
KIZ	2.11	293.3	Pg	15:35:50.910	0.6	---	m_	ML	2.9	
KIZ	2.11	293.3	Sg	15:36:17.700	0.1	---	m_			
SIND	2.33	340.3	Pn	15:35:48.400	0.3	---	m_	ML	2.8	
SIND	2.33	340.3	Pg	15:35:54.320	-0.2	---	m_			
SIND	2.33	340.3	Sn	15:36:16.660	1.7	---	m_			
SIND	2.33	340.3	Sg	15:36:23.810	-0.9	---	m_			
WET	2.42	34.0	Pn	15:35:50.275	1.0	T_	6.6	m_e		
WET	2.42	34.0	Sn	15:36:19.389	2.4	T_	3.3	m_e		
WET	2.42	34.0	(Sg)	15:36:25.308	-2.1	---	2.1	m_e		
MOA	2.43	72.2	Pg	15:35:55.449	-1.0	T_	33.0	m_e		
MOA	2.43	72.2	Sg	15:36:28.599	0.6	T_	3.0	m_e		
GRA1	2.55	6.0	Pg	15:35:58.626	0.0	---	m_e			
GEC2	2.57	47.8	Pn	15:35:53.120	1.9	T_	4.5	m_e		
GEC2	2.57	47.8	Pg	15:35:58.204	-0.8	T_	5.9	m_e		
GEC2	2.57	47.8	Sg	15:36:31.768	-0.4	T_	2.7	m_e		
SWS	2.72	329.7	Sg	15:36:36.000	-0.9	---	m_	ML	2.8	
ARSA	3.20	86.6	Pg	15:36:10.177	-0.8	T_	4.0	m_e		
GUNZ	3.36	16.8	Pg	15:36:14.636	0.8	T_	1.4	m_e		
GUNZ	3.36	16.8	Sn	15:36:40.329	1.2	T_	3.9	m_e		
GUNZ	3.36	16.8	Sg	15:36:56.024	-1.3	T_	2.6	m_e		
TANN	3.43	17.9	Pn	15:36:02.722	-0.3	---	m_e			
TANN	3.43	17.9	Pg	15:36:15.450	0.2	T_	1.7	m_e		
TANN	3.43	17.9	Sg	15:36:59.780	0.1	T_	3.0	m_e		
WERD	3.43	16.1	Sn	15:36:41.784	0.9	T_	3.2	m_e		
WERD	3.43	16.1	Sg	15:36:59.425	-0.3	T_	3.7	m_e		
TNS	3.44	333.9	Pn	15:36:04.906	1.8	---	m_e			
MOX	3.53	8.3	Pg	15:36:18.662	1.6	T_	1.5	m_e		
MOX	3.53	8.3	Sn	15:36:44.813	1.7	T_	4.1	m_e		
MOX	3.53	8.3	Sg	15:37:02.090	-0.5	T_	4.8	m_e		
WLF	3.98	310.8	Sg	15:37:16.300	-0.7	T_	2.9	m_e		
CLZ	4.69	356.7	Sg	15:37:39.861	0.2	T_	2.0	m_e		

Event 50504004 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/04	19:10:09.20			48.2631	6.5727				4.0f		23	11				m i ke	LDG	50504014
2005/05/04	19:10:09.30			48.2560	6.5910				10.0f		23	14	082	0.30	1.44	m i se	BGR	50504004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	50504014
ML	1.4	0.3	2 BGR	50504004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HAU	0.30	212.9	Pg	19:10:14.957	-0.2					T__	21.3			m_e	
HAU	0.30	212.9	Sg	19:10:19.018	-0.2					T__	5.1			m_e	
ECH	0.38	95.9	Pg	19:10:16.571	-0.1					T__	5.7			m_e	
ECH	0.38	95.9	Sg	19:10:21.685	-0.0					T__	4.9			m_e	
THEF	0.40	266.2	Pg	19:10:16.412	-0.6					T__	4.1			m_e	
THEF	0.40	266.2	Sg	19:10:22.202	-0.1					T__	3.8			m_e	
HINF	0.47	158.2	Pg	19:10:18.317	-0.1					T__	4.4			m_e	
HINF	0.47	158.2	Sg	19:10:24.509	-0.1					T__	6.5			m_e	
CDF	0.48	70.8	Pg	19:10:18.292	-0.2					T__	10.9			m_e	
CDF	0.48	70.8	Sg	19:10:24.749	-0.1					T__	4.3			m_e	
WLS	0.53	72.5	Pg	19:10:19.166	-0.3					T__	12.2			m_e	
MOF	0.54	137.9	Pg	19:10:19.680	0.0					T__	1.7			m_e	
RFYF	0.83	297.1	Pg	19:10:25.705	0.7					T__	2.4			m_e	
RFYF	0.83	297.1	Sg	19:10:36.064	0.3					T__	10.5			m_e	
LOMF	0.92	170.0	Pg	19:10:27.423	0.7					T__	1.7			m_e	
LOMF	0.92	170.0	Sg	19:10:38.713	0.1					T__	2.8			m_e	
FELD	1.02	111.4	Sg	19:10:42.499	0.7					T__	1.9			m_e	
SFTF	1.04	267.8	Pg	19:10:28.983	0.1					T__	1.8			m_e	
SFTF	1.04	267.8	Sg	19:10:42.561	0.2					T__	6.2			m_e	
MEZF	1.05	284.1	Sg	19:10:42.848	0.0					T__	4.6			m_e	
BFO	1.16	85.7	Pg	19:10:31.061	-0.2					T__	1.5			m_e ML	1.1
BFO	1.16	85.7	Sg	19:10:46.258	0.0					T__	3.8			m_e	
WLF	1.44	348.6	Sg	19:10:55.108	0.0					T__	1.2			m_e ML	1.6

Event 50504005 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/04	23:48:42.50			51.6770	7.0040				1.0f		26	16				m i si	LDG	50504035
2005/05/04	23:48:42.70			51.6770	7.0040				1.0f		7	4	337	0.72	1.49	m i ki	BENS	50504025
2005/05/04	23:48:43.57			51.6030	7.0480				1.0f		8	5	194	0.21	2.07	m i ki	BGR	50504015
2005/05/04	23:48:43.30			51.6020	7.0680				1.0f							m i ki	BUG	50504005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	50504035
ML	1.8		BENS	50504025
ML	2.0	0.2	4 BGR	50504015
ML	1.1		BUG	50504005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.20	142.1	Pg	23:48:48.200	1.1					TA_				mdi ML	1.1
BUG	0.20	142.1	Sg	23:48:51.800	2.0					TA_				m__	
HOB	0.64	164.9	Pg	23:48:56.110	0.7					---				m_e	
HOB	0.64	164.9	Sg	23:49:06.740	3.1					---		40.9	1.20	m_e	
BNS	0.64	173.9	Pg	23:48:56.390	1.0					---				m_e	
IBBN	0.82	30.9	Sg	23:49:10.480	1.0					---	4.0			m_e ML	2.0
STB	1.02	188.2	Pg	23:49:03.160	0.7					---				m_e	

STB	1.02	188.2	Sg	23:49:17.900	2.2	---	---	---	---	---	---	20.8	0.40	m_e			
BGG	1.41	173.0	Pg	23:49:09.250	-0.5	---	---	---	---	---	---	---	---	---	mce		
BGG	1.41	173.0	Sg	23:49:29.020	1.1	---	---	---	---	---	---	12.9	0.30	m_e			
TNS	1.63	147.2	Pg	23:49:13.639	-0.4	---	---	---	---	2.8	---	---	---	---	m_e ML	1.9	
TNS	1.63	147.2	Sg	23:49:35.931	0.8	---	---	---	---	2.0	---	---	---	---	m_e		
WLF	2.02	197.0	Sg	23:49:47.464	-0.1	---	---	---	---	1.8	---	---	---	---	m_e ML	2.2	
CLZ	2.06	82.0	Pg	23:49:22.834	0.7	---	---	---	---	1.9	---	---	---	---	m_e ML	2.0	
CLZ	2.06	82.0	Sg	23:49:48.678	-0.1	---	---	---	---	2.2	---	---	---	---	m_e		

Event 50505002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/05	00:02:32.40			49.3263	6.8220				1.0f		40	18				m i s i	LDG	50505022
2005/05/05	00:02:33.30			49.3780	6.8420				1.0f		7	3	324	0.89	1.31	m i k i	BENS	50505012
2005/05/05	00:02:32.53			49.3340	6.8890				1.0f		13	8	168	0.58	4.49	m i k i	BGR	50505002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	50505022
ML	1.9		BENS	50505012
ML	2.2	0.2	5 BGR	50505002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.58	304.9	Pg	00:02:43.264	-0.2					T__	13.8			m_e	
WLF	0.58	304.9	Sg	00:02:50.689	-0.3					T__	17.4			m_e	
BGG	0.92	18.1	Pg	00:02:50.190	0.3					---				m_e	
BGG	0.92	18.1	Sg	00:03:02.270	0.5					---		45.7	0.30	m_e	
HIL	0.97	352.1	Sg	00:03:04.070	0.8					---				m_e	
STB	1.26	358.6	Pg	00:02:56.040	-0.2					---				m_e	
STB	1.26	358.6	Sg	00:03:12.820	0.3					---		14.6	0.40	m_e	
TNS	1.34	48.0	Pg	00:02:56.750	-1.1					T__	6.0			m_e ML	2.1
TNS	1.34	48.0	Sg	00:03:14.725	-0.4					T__	19.7			m_e	
KLL	1.36	344.4	Pg	00:02:56.570	-1.7					---				m_e	
KLL	1.36	344.4	Sg	00:03:14.260	-1.6					---				m_e	
BFO	1.38	136.1	Pg	00:02:59.215	0.7					T__	6.2			m_e ML	2.1
BFO	1.38	136.1	Sg	00:03:15.908	-0.5					T__	46.4			m_e	
STU	1.61	109.6	Sg	00:03:22.080	-1.6					T__	3.8			m_e ML	2.2
BUG	2.12	6.4	Sg	00:03:40.144	0.3					T__	2.1			m_e ML	2.3
GUNZ	3.66	71.6	Sg	00:04:29.845	1.2					T__	1.7			m_e ML	2.4
TANN	3.75	71.1	Sg	00:04:31.778	0.1					T__	3.1			m_e	
GEC2	4.49	93.7	Pn	00:03:41.684	1.4					T__	4.2			m_e	
GEC2	4.49	93.7	Sn	00:04:31.779	2.4					T__	2.0			m_e	
GEC2	4.49	93.7	Sg	00:04:54.734	-0.3					T__	2.0			m_e	

Event 50505005 Pitztal/A, E of Landeck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/05	16:24:50.80			47.2000	10.8000				7.0							m i u k	SED	50505025
2005/05/05	16:24:51.60			47.1630	10.8508				10.0f		27	13				m i k e	LDG	50505015
2005/05/05	16:24:51.14			47.1900	10.8020				10.0f		25	13	186	0.57	4.66	m i k e	BGR	50505005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		SED	50505025
ML	2.9		LDG	50505015
ML	2.4	0.2	5 BGR	50505005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.57	82.3	Pg	16:25:01.693	-0.3					T__	160.0			m_e	
WTTA	0.57	82.3	Sg	16:25:09.726	0.2					T__	3.2			m_e	
DAVA	0.63	279.1	Pg	16:25:02.656	-0.5					T__	29.3			m_e	ML 2.1
DAVA	0.63	279.1	Sg	16:25:12.074	0.6					T__	4.1			m_e	
SCE	0.64	103.4	Pg	16:25:02.800	-0.4					---				mci	ML 2.1
SCE	0.64	103.4	Sg	16:25:11.500	-0.1					---				m_i	
FUR	1.02	18.0	Pg	16:25:10.927	0.4					T__	7.9			m_e	
FUR	1.02	18.0	(Sg)	16:25:25.246	1.5					---	22.4			m_e	
BGLD	1.57	72.0	Pg	16:25:20.700	0.0					---				mci	ML 2.5
BGLD	1.57	72.0	Sg	16:25:44.400	3.4					---				m_e	
KBA	1.73	92.8	Pn	16:25:22.603	2.1					T__	3.4			m_e	
KBA	1.73	92.8	Pg	16:25:24.700	0.9					T__	11.7			m_e	
KBA	1.73	92.8	Sg	16:25:47.311	1.0					---				m_e	
STU	1.91	326.3	Sg	16:25:51.303	-0.7					---				m_e	ML 2.7
BFO	2.02	305.4	Pn	16:25:25.569	1.2					T__	1.5			m_e	ML 2.3
BFO	2.02	305.4	Pg	16:25:29.362	0.2					T__	3.8			m_e	
BFO	2.02	305.4	Sn	16:25:49.046	0.9					T__	2.9			m_e	
BFO	2.02	305.4	Sg	16:25:54.750	-0.5					T__	8.3			m_e	
MOA	2.43	73.0	Pn	16:25:31.732	1.8					T__	0.9			m_e	ML 2.5
MOA	2.43	73.0	Pg	16:25:36.212	-0.8					T__	33.3			m_e	
MOA	2.43	73.0	Sg	16:26:08.980	0.6					T__	2.5			m_e	
GRA1	2.52	6.2	Pg	16:25:38.265	-0.3					---				m_e	ML 3.1
GRA1	2.52	6.2	Sg	16:26:14.364	3.2					---				m_e	
GEC2	2.55	48.5	Pn	16:25:32.953	1.4					T__	4.5			m_e	ML 2.3
GEC2	2.55	48.5	Pg	16:25:38.263	-1.0					T__	5.5			m_e	
ARSA	3.21	87.2	Pg	16:25:50.084	-1.5					T__	3.4			m_e	
GUNZ	3.33	17.0	Sn	16:26:20.197	1.2					T__	8.1			m_e	
GUNZ	3.33	17.0	Sg	16:26:36.879	-0.1					T__	3.2			m_e	
WERD	3.40	16.3	Sn	16:26:21.746	1.0					T__	3.0			m_e	
WERD	3.40	16.3	Sg	16:26:39.586	0.2					T__	3.5			m_e	
TNS	3.41	333.7	Pn	16:25:44.856	1.6					T__	2.4			m_e	
TNS	3.41	333.7	Sg	16:26:39.865	0.5					---				m_e	
MOX	3.50	8.5	Sn	16:26:24.549	1.6					T__	2.6			m_e	
MOX	3.50	8.5	Sg	16:26:42.218	-0.0					T__	2.1			m_e	
CLZ	4.66	356.7	Sg	16:27:19.978	0.8					T__	2.1			m_e	

Event 50507003 Selestat/F, SSW of Strasbourg/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/07	00:08:14.10			48.2879	7.4677				15.0		17	9				m i ke	LDG	50507013
2005/05/07	00:08:14.64			48.2660	7.4600				10.0f		15	9	068	0.16	1.01	m i ke	BGR	50507003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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ML 2.0 LDG 50507013
 ML 1.0 1 BGR 50507003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.16	334.3	Pg	00:08:18.093	-0.1					T__	13.9			m_e	
WLS	0.16	334.3	Sg	00:08:20.800	0.3					T__	4.6			m_e	
ECH	0.21	256.1	Pg	00:08:19.018	0.1					T__	14.6			m_e	
ECH	0.21	256.1	Sg	00:08:22.223	0.4					T__	33.7			m_e	
STRF	0.38	32.4	Sg	00:08:27.689	0.7					T__	2.8			m_e	
MOF	0.47	207.9	Pg	00:08:23.675	0.0					T__	3.5			m_e	
MOF	0.47	207.9	Sg	00:08:30.042	0.3					T__	7.2			m_e	
FELD	0.53	136.8	Sg	00:08:32.015	0.2					T__	2.6			m_e	
BFO	0.58	83.4	Pg	00:08:25.518	-0.2					T__	6.6			m_e ML	1.0
BFO	0.58	83.4	Sg	00:08:33.145	-0.2					T__	8.1			m_e	
LANF	0.75	17.6	Sg	00:08:38.363	-0.3					T__	1.7			m_e	
THEF	0.98	268.3	Pg	00:08:32.783	-0.3					T__	1.4			m_e	
THEF	0.98	268.3	Sg	00:08:45.773	-0.0					T__	3.2			m_e	
LOMF	1.01	205.1	Pg	00:08:33.935	0.2					T__	1.1			m_e	
LOMF	1.01	205.1	Sg	00:08:46.370	-0.4					T__	2.5			m_e	

Event 50507302 Swinemuende/Poland, Baltic Sea

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID
 2005/05/07 12:57:41.84 0.96 54.1880 14.4340 21.1 5.6 059 10.0f 9 8 222 0.74 3.96 m i ke BGR 50507302

Magnitude Err Nsta Author OrigID
 ML 2.2 BGR 50507302

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RGN	0.74	299.5	Pg	12:57:56.149	0.2					T__				m_e ML	2.2
RGN	0.74	299.5	Sg	12:58:05.743	0.2					T__				m_e	
COP	1.89	323.3	Pn	12:58:13.178	-0.1					T__				m_e	
CLL	3.01	197.3	Pn	12:58:28.546	0.0					T__				m_e	
BRG	3.33	185.3	Pn	12:58:32.403	-0.5					T__				m_e	
CLZ	3.39	227.8	Pn	12:58:35.099	1.5					T__				m_e	
MOX	3.94	207.0	Pn	12:58:41.139	0.0					T__				m_e	
WERD	3.96	200.0	Pn	12:58:40.749	-0.7					T__				m_e	
TANN	3.96	198.5	Pn	12:58:41.316	-0.1					T__				m_e	

Event 50507001 Recklinghausen, Ruhr Coal Mining District

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID
 2005/05/07 17:40:23.50 51.6599 6.9790 1.0f 15 9 m i si LDG 50507031
 2005/05/07 17:40:23.00 51.6790 6.9930 1.0f 8 4 320 0.73 1.49 m i ki BENS 50507021
 2005/05/07 17:40:25.17 51.5960 7.1030 1.0f 12 7 191 0.19 3.36 m i ki BGR 50507011
 2005/05/07 17:40:24.40 51.6030 7.0670 1.0f m i ki BUG 50507001

(#PRIME)

Magnitude Err Nsta Author OrigID
 ML 2.6 LDG 50507031

ML	1.8		BENS	50507021
ML	2.0	0.1	4 BGR	50507011
ML	1.0		BUG	50507001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.21	142.1	Pg	17:40:29.300	1.0					TA_				mdi	ML 1.0
BUG	0.21	142.1	Sg	17:40:33.000	2.1					TA_				m_	
HOB	0.64	164.8	Pg	17:40:36.220	-0.3									m_e	
HOB	0.64	164.8	Sg	17:40:47.150	2.4							49.0	1.40	m_e	
IBBN	0.82	31.0	Pg	17:40:39.900	-0.0						2.9			m_e	ML 2.0
IBBN	0.82	31.0	Sg	17:40:52.319	1.8						7.4			m_e	
STB	1.02	188.1	Pg	17:40:43.620	0.0									m_e	
STB	1.02	188.1	Sg	17:40:58.540	1.8							19.8	0.40	m_e	
KLL	1.07	206.7	Pg	17:40:43.960	-0.5									m_e	
KLL	1.07	206.7	Sg	17:40:59.000	0.7									m_e	
BGG	1.41	173.0	Pg	17:40:49.770	-1.1									m_e	
BGG	1.41	173.0	Sg	17:41:09.930	0.8							15.1	0.60	m_e	
TNS	1.63	147.2	Pg	17:40:54.769	-0.4						2.1			m_e	ML 1.9
TNS	1.63	147.2	Sg	17:41:16.165	-0.1						4.8			m_e	
WLF	2.02	197.0	Pg	17:41:02.572	0.0						1.6			m_e	ML 2.0
WLF	2.02	197.0	Sg	17:41:29.928	1.3						2.1			m_e	
CLZ	2.06	82.1	Pg	17:41:04.066	0.8						1.9			m_e	ML 1.9
CLZ	2.06	82.1	Sg	17:41:29.905	0.0						2.3			m_e	
MOX	3.01	106.8	Sg	17:41:59.320	-0.7						1.7			m_e	
BFO	3.37	165.6	Pn	17:41:17.315	0.2						2.6			m_e	

Event 50508002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/08	04:11:18.04	0.76		51.6040	16.0230	15.6	6.7	163	1.0f		13	8	306	1.49	3.59	m i ki	BGR	50508002

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	7 BGR	50508002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.49	241.5	Pg	04:11:45.568	-0.6					T_				m_e	ML 2.8
BRG	1.49	241.5	Sg	04:12:06.106	0.6					T_				m_e	
CLL	1.91	262.2	Pn	04:11:50.287	-0.5					T_				m_e	ML 2.9
CLL	1.91	262.2	Sg	04:12:19.872	1.3					T_				m_e	
TANN	2.54	243.4	Pn	04:11:59.926	0.6					T_				m_e	ML 3.1
TANN	2.54	243.4	Sg	04:12:39.715	1.1					T_				m_e	
WERD	2.61	245.1	Pn	04:12:00.407	0.1					T_				m_e	ML 3.0
WERD	2.61	245.1	Sg	04:12:41.203	0.3					T_				m_e	
GUNZ	2.63	243.3	Pn	04:12:01.423	0.7					T_				m_e	
NOTT	3.05	235.5	Pn	04:12:06.363	0.0					T_				m_e	ML 3.1
GEC2	3.13	209.2	Pn	04:12:07.470	0.0					T_				m_e	ML 3.1
GRA1	3.59	239.7	Pn	04:12:14.326	0.6					T_				m_e	ML 3.6
GRA1	3.59	239.7	Sg	04:13:12.828	0.6					T_				m_e	

Event 50508002 Monschau/Eifel, German-Belgian border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/08	09:38:28.90			50.5028	6.0276				15.0f		16	7				m i ke	LDG	50508022
2005/05/08	09:38:26.80			50.5260	6.0170				15.0f		8	6	151	0.87	2.41	m i ke	BGR	50508012
2005/05/08	09:38:29.10			50.5070	6.0440				20.3		10	5	250	0.22	0.95	m i ke	BENS	50508002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	50508022
ML	1.5	0.1	2 BGR	50508012
ML	1.5		BENS	50508002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.22	50.4	Pg	09:38:34.200	-0.3					T__					mci
KLL	0.22	50.4	Sg	09:38:37.980	-0.2					T__		74.7	0.30	m_e	
HIL	0.46	117.6	Pg	09:38:38.630	0.2					T__				m_e	
HIL	0.46	117.6	Sg	09:38:44.570	-0.2					T__				m_e	
STB	0.51	80.0	Pg	09:38:39.190	-0.2					T__				mce	
STB	0.51	80.0	Sg	09:38:46.350	-0.0					T__				m_e	
ROD	0.64	7.7	Sg	09:38:50.570	0.2					T__				m_e	
WLF	0.85	175.2	Sg	09:38:55.319	-1.3					___	1.9			m_e	ML 1.4
BGG	0.88	109.5	Sg	09:38:56.810	-0.8					T__		13.1	0.10	m_e	
GIVF	0.88	243.0	Pg	09:38:43.936	-2.1					___	3.0			m_e	
GIVF	0.88	243.0	Sg	09:38:55.304	-2.3					___	3.6			m_e	
HOB	0.95	59.2	Pg	09:38:46.170	-1.1					T__				m_e	
HOB	0.95	59.2	Sg	09:38:58.990	-0.7					T__				m_e	
BUG	1.21	39.1	Sg	09:39:05.253	-2.8					___	1.5			m_e	ML 1.5
BAIF	1.26	249.8	Pg	09:38:50.429	-2.6					___	1.3			m_e	
BAIF	1.26	249.8	Sg	09:39:06.354	-3.1					___	2.2			m_e	
MEZF	2.11	198.2	Sg	09:39:33.230	-3.0					___	2.1			m_e	
SFTF	2.39	196.3	Sg	09:39:43.270	-2.1					___	1.8			m_e	

Event 50508001 Olten, Langenthal/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/08	14:29:39.91			47.3000	7.7000				25.0							m i uk	SED	50508041
2005/05/08	14:29:37.59			47.3270	7.5910				10.0							m i uk	NEIC	50508031
2005/05/08	14:29:39.60			47.2846	7.7017				22.0f		107	34				m i ke	LDG	50508021
2005/05/08	14:29:40.06			47.3390	7.7490				7.4		28	14	266	1.06	5.38	m i ke	BGR	50508011
2005/05/08	14:29:40.48			47.3200	7.6900				24.0		24	12	196	0.19	2.56	m i ke	LED	50508001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		SED	50508041
ML	3.1		NEIC	50508031
ML	3.1		LDG	50508021
ML	3.0	0.3	9 BGR	50508011
ML	3.1		LED	50508001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BBS	0.19	319.8	Pg	14:29:45.880	-0.0					T__				mdi	
LOMF	0.59	273.3	Pg	14:29:51.980	-0.3					T__				mci	

FELD	0.60	20.7	Pn	14:29:51.980	-0.8	T__	mdi		
FELD	0.60	20.7	Pg	14:29:52.380	-0.0	T__	m__		
MOF	0.65	325.0	Pg	14:29:53.330	-0.1	T__	m__		
KIZ	0.65	13.5	Pn	14:29:52.580	-1.0	T__	mdi ML	3.3	
KIZ	0.65	13.5	Pg	14:29:53.180	-0.3	T__	mdi		
KIZ	0.65	13.5	Sn	14:30:01.540	-1.2	T__	m__		
KIZ	0.65	13.5	Sg	14:30:02.220	-0.2	T__	m_i		
FBB	0.69	9.1	Pg	14:29:53.910	-0.2	T__	m__		
LIBD	0.83	356.0	Pg	14:29:56.610	-0.1	T__	m__		
SISB	0.94	66.5	Pn	14:29:56.820	-0.6	T__	mci ML	3.2	
SISB	0.94	66.5	Pg	14:29:57.860	-0.7	T__	m__		
SISB	0.94	66.5	PmP	14:29:58.700	-0.4	T__	m__		
SISB	0.94	66.5	Sg	14:30:10.830	-0.2	T__	m__		
ECH	0.96	338.4	Pn	14:29:57.130	-0.7	T__	m__		
SPAK	1.07	42.9	Pg	14:30:00.720	-0.4	T__	m__		
BFO	1.10	22.8	Pn	14:29:58.470	-1.1	T__	mdi ML	3.2	
BFO	1.10	22.8	Pg	14:30:00.430	-1.1	T__	mci		
BFO	1.10	22.8	PmP	14:30:01.020	-1.0	T__	m__		
BFO	1.10	22.8	Sg	14:30:15.230	-0.8	T__	m_i		
WLS	1.12	348.5	Pn	14:29:59.620	-0.2	T__	m__		
GUT	1.22	51.4	Pn	14:30:00.180	-1.1	T__	mci ML	2.9	
GUT	1.22	51.4	Sn	14:30:15.410	-0.6	T__	m__		
GUT	1.22	51.4	Sg	14:30:18.750	-1.0	T__	m__		
THEF	1.46	309.2	Pn	14:30:05.880	1.4	---	m__		
TUBL	1.52	37.3	Sg	14:30:27.680	-1.6	---	m__ ML	3.0	
LBG	1.53	28.4	Pn	14:30:04.110	-1.4	---	mde ML	3.1	
LBG	1.53	28.4	Pg	14:30:11.060	1.4	---	m__		
LBG	1.53	28.4	Sg	14:30:28.320	-1.4	---	m__		
BUCH	1.59	44.0	Pn	14:30:04.960	-1.3	---	mce ML	3.1	
BUCH	1.59	44.0	Sn	14:30:24.380	-0.3	---	m__		
BUCH	1.59	44.0	Sg	14:30:30.260	-1.1	---	m__		
UBR	1.67	76.7	Pn	14:30:07.520	0.1	---	mci ML	2.8	
UBR	1.67	76.7	Pg	14:30:11.520	-0.7	---	m__		
STU	1.76	34.2	Pg	14:30:13.886	-0.1	---	m_e ML	3.3	
STU	1.76	34.2	Sg	14:30:34.661	-2.3	---	m_e		15.0
HDH	2.11	52.2	Pg	14:30:19.840	-0.6	---	m__ ML	2.8	
HDH	2.11	52.2	Sn	14:30:36.720	-0.2	---	m__		
SWS	2.27	16.9	Pn	14:30:13.980	-1.5	---	mC ML	2.6	
SIND	2.40	31.4	Pg	14:30:25.060	-0.7	---	m__ ML	3.0	
SIND	2.40	31.4	Sn	14:30:43.280	-0.4	---	m__		
FUR	2.55	69.4	Pg	14:30:28.017	-0.8	---	m_e ML	3.1	
FUR	2.55	69.4	Sg	14:30:59.737	-2.2	---	m_e		6.2
WLF	2.56	337.1	Pn	14:30:21.104	1.7	---	m_e ML	2.7	1.2
WLF	2.56	337.1	Sg	14:31:00.891	-1.1	---	m_e		9.6
ABH	2.56	357.9	Pg	14:30:28.640	-0.3	---	m__		
SCE	2.75	94.4	Pn	14:30:24.200	2.2	---	mci		
TNS	2.95	9.5	Pn	14:30:24.256	-0.4	---	m_e ML	2.7	2.4
TNS	2.95	9.5	Sn	14:30:59.433	2.8	---	m_e		
TNS	2.95	9.5	Sg	14:31:14.530	0.2	---	m_e		5.2
GRA1	3.33	43.3	Sg	14:31:25.452	-1.1	---	m_e ML	3.4	
UBBA	3.81	22.5	Sg	14:31:40.553	-1.2	---	m_e ML	3.0	1.9
MOX	4.20	36.3	Sn	14:31:26.975	0.7	---	m_e ML	3.2	
MOX	4.20	36.3	Sg	14:31:52.323	-1.9	---	m_e		7.9
GEC2	4.29	67.0	Pn	14:30:42.950	-0.0	---	m_e ML	3.0	2.9

Station	Time	Phase	Amplitude	Depth	SNR	Quality	Author
GEC2	4.29	67.0 Pg	14:31:00.000	-1.5	---	m_e	
GEC2	4.29	67.0 Sn	14:31:30.888	2.5	---	m_e	
GEC2	4.29	67.0 Sg	14:31:55.829	-1.3	10.0	m_e	
GUNZ	4.31	43.4 Pg	14:31:01.113	-0.7	---	m_e ML	3.2
GUNZ	4.31	43.4 Sn	14:31:31.299	2.6	---	m_e	
GUNZ	4.31	43.4 Sg	14:31:54.701	-2.9	9.5	m_e	
WERD	4.36	42.4 Pg	14:31:02.147	-0.5	---	m_e	
WERD	4.36	42.4 Sn	14:31:30.987	1.2	---	m_e	
WERD	4.36	42.4 Sg	14:31:56.076	-3.0	9.0	m_e	
TANN	4.41	43.6 Pg	14:31:03.162	-0.5	---	m_e	
TANN	4.41	43.6 Sg	14:32:00.637	0.0	8.5	m_e	
CLZ	4.84	20.0 Sg	14:32:12.599	-1.9	3.2	m_e	
CLL	5.28	39.0 Sg	14:32:25.112	-3.2	2.2	m_e	
BRG	5.42	46.7 Sg	14:32:30.096	-2.6	2.7	m_e	

Event 50509001 Muellheim/Upper Rhine Graben, NE of Mulhouse/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/09	05:53:35.90			47.9000	7.6000				4.0							m i uk	SED	50509031
2005/05/09	05:53:36.40			47.9403	7.5834				4.0f	47	17					m i ke	LDG	50509021
2005/05/09	05:53:36.67			47.9540	7.5890				5.0f	27	17	046	0.20	2.34		m i ke	BGR	50509011
2005/05/09	05:53:36.30			47.9400	7.6100				5.0f	20	14	084	0.17	1.93		m i ke	LED	50509001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		SED	50509031
ML	2.5		LDG	50509021
ML	2.2	1	BGR	50509011
ML	2.2		LED	50509001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.17	69.2	Pg	05:53:39.980	0.3					T_				m_	
KIZ	0.21	85.4	Pg	05:53:40.420	0.1					T_				mci ML	2.1
KIZ	0.21	85.4	Sg	05:53:43.460	0.4					T_				m_	
LIBD	0.21	358.7	Pg	05:53:41.000	0.6									m_	
LIBD	0.21	358.7	Sg	05:53:43.373	0.2						6.5			m_e	
FELD	0.27	103.4	Pg	05:53:41.690	0.2					T_				md_	
FELD	0.27	103.4	Sg	05:53:45.660	0.6									m_	
MOF	0.33	254.7	Pg	05:53:42.740	0.1					T_				m_	
ECH	0.41	312.6	Pg	05:53:43.940	-0.1					T_				mdi	
ECH	0.41	312.6	Sg	05:53:49.430	0.1					T_				m_	
BBS	0.48	188.2	Pg	05:53:45.700	0.3					T_				mc_	
WLS	0.50	340.2	Pg	05:53:46.020	0.2					T_				mdi	
WLS	0.50	340.2	Sg	05:53:52.735	0.4						4.9			m_e	
SULZ	0.53	140.4	Pg	05:53:46.538	0.2						4.2			m_e	
SULZ	0.53	140.4	Sg	05:53:54.835	1.6						3.8			m_e	
BOURR	0.60	205.2	Pg	05:53:47.887	0.2						7.1			m_e	
BOURR	0.60	205.2	Sg	05:53:56.463	1.0						3.9			m_e	
SLE	0.62	106.0	Pg	05:53:48.193	0.2						13.6			m_e	
SLE	0.62	106.0	Sg	05:53:56.664	0.7						13.0			m_e	
BFO	0.62	50.6	Pg	05:53:48.320	0.3					T_				m_ ML	2.0
BFO	0.62	50.6	Sg	05:53:56.771	0.8						4.5			m_e	

BFO	0.62	50.6	SmS	05:53:59.580	-1.9	T__												m__		
LOMF	0.79	222.1	Pg	05:53:51.370	0.1	T__												m__		
LOMF	0.79	222.1	Sg	05:54:02.436	1.0	___	3.4											m_e		
SPAK	0.80	77.9	Pg	05:53:52.567	1.1	___	3.3											m_e		
ZUR	0.87	130.8	Pg	05:53:53.141	0.5	___	1.9											m_e		
ZUR	0.87	130.8	Sg	05:54:05.357	1.4	___	5.0											m_e		
GUT	1.02	82.0	Pg	05:53:56.190	0.7	T__												mCe ML	2.3	
GUT	1.02	82.0	Sg	05:54:09.380	0.8	T__												m__		
WILA	1.02	120.5	Pg	05:53:56.326	0.8	___	7.1											m_e		
WILA	1.02	120.5	Sg	05:54:10.483	1.8	___	2.3											m_e		
LBG	1.07	47.0	Pn	05:53:56.850	-0.4	T__												m__ ML	2.2	
LBG	1.07	47.0	PmP	05:53:57.490	-1.0	T__												m__		
LBG	1.07	47.0	Sn	05:54:11.900	-0.1	___												m__		
THEF	1.12	285.5	Pn	05:53:57.540	-0.4	T__												mci		
THEF	1.12	285.5	Pg	05:53:57.305	-0.1	___	5.4											m_e		
THEF	1.12	285.5	Sg	05:54:12.171	0.3	___	3.7											m_e		
TUBL	1.14	58.7	Pn	05:53:58.550	0.3	T__												m__ ML	2.3	
TUBL	1.14	58.7	Sn	05:54:14.000	0.3	___												m__		
BUCH	1.27	65.7	Pn	05:53:59.500	-0.5	___												m__ ML	2.3	
BUCH	1.27	65.7	Pg	05:54:00.850	0.6	T__												m__		
BUCH	1.27	65.7	Sg	05:54:17.810	1.2	T__												m__		
UBR	1.70	97.9	Sg	05:54:31.490	1.2	___												m__ ML	2.4	
SWS	1.70	24.6	Sg	05:54:30.720	0.3	___												m__ ML	2.2	
RUP	1.80	348.6	Sg	05:54:33.187	-0.3	___	2.7											m_e		
SIND	1.93	42.4	Pn	05:54:13.140	4.2	___												m__ ML	2.1	
SIND	1.93	42.4	Pg	05:54:14.290	1.6	___												m__		
TNS	2.35	13.2	Sg	05:54:50.919	0.0	___	1.9											m_e ML	2.2	

Event 50509007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/09	14:32:27.85	0.73		51.4060	15.9390	13.3	5.6	165	1.0f		14	8	302	1.36	3.45	m i ki	BGR	50509007

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	8 BGR	50509007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.36	247.7	Pg	14:32:52.739	-0.8					T__				m_e ML	2.8
BRG	1.36	247.7	Sg	14:33:12.352	1.3					T__				m_e	
CLL	1.84	268.1	Pn	14:32:58.898	-0.8					T__				m_e ML	3.0
CLL	1.84	268.1	Sg	14:33:27.955	1.8					T__				m_e	
TANN	2.41	247.0	Pn	14:33:07.839	0.4					T__				m_e ML	3.1
TANN	2.41	247.0	Sg	14:33:46.106	1.8					T__				m_e	
WERD	2.48	248.7	Pn	14:33:08.345	-0.1					T__				m_e ML	3.0
WERD	2.48	248.7	Sg	14:33:48.226	1.5					T__				m_e	
GUNZ	2.50	246.8	Pn	14:33:08.972	0.2					T__				m_e ML	3.1
GUNZ	2.50	246.8	Sg	14:33:47.740	0.4					T__				m_e	
NOTT	2.90	238.1	Pn	14:33:14.118	-0.0					T__				m_e ML	3.0
NOTT	2.90	238.1	Sg	14:34:00.764	0.8					T__				m_e	
GEC2	2.93	210.1	Pn	14:33:14.744	0.1					T__				m_e ML	3.2
GRA1	3.45	242.1	Pn	14:33:21.840	0.2					T__				m_e ML	3.6

Event 50509002 Nancy/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/09	20:49:32.40			48.7628	6.1051				2.0		12	7				m i ke	LDG	50509012
2005/05/09	20:49:35.96			48.6820	6.3220				10.0f		10	7	110	0.56	1.38	m i sm	BGR	50509002

Magnitude Err Nsta Author

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	50509012
ML	1.4	1	BGR	50509002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RFYF	0.56	264.9	Pg	20:49:46.755	0.1					T__	2.2				m_e
CDF	0.69	112.8	Pg	20:49:50.021	1.0					T__	5.8				m_e
MEZF	0.86	258.4	Pg	20:49:51.662	-0.6					T__	2.4				m_e
MEZF	0.86	258.4	Sg	20:50:04.174	0.8					T__	2.6				m_e
HINF	0.93	157.6	Pg	20:49:54.141	0.5					T__	3.2				m_e
HINF	0.93	157.6	Sg	20:50:05.934	0.2					T__	5.2				m_e
SFTF	0.98	241.2	Sg	20:50:06.346	-0.7					T__	2.7				m_e
WLF	0.99	353.6	Pg	20:49:54.771	0.1					T__	1.0				m_e
BFO	1.38	104.1	Pg	20:50:01.969	0.0					T__	1.3				m_e ML 1.4
BFO	1.38	104.1	Sg	20:50:19.107	-0.6					T__	3.3				m_e

Event 50510002 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/10	00:37:25.00			51.6926	7.7332				1.0f		12	5				m i si	LDG	50510032
2005/05/10	00:37:25.40			51.6770	7.7220				1.0f		13	7	307	0.58	1.49	m i ki	BENS	50510022
2005/05/10	00:37:26.35			51.6050	7.6470				1.0f		13	8	075	0.29	2.16	m i ki	BGR	50510012
2005/05/10	00:37:24.70			51.6390	7.6940				1.0f							m i ki	BUG	50510002

Magnitude Err Nsta Author

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	50510032
ML	1.9		BENS	50510022
ML	1.9	0.1	4 BGR	50510012
ML	1.9		BUG	50510002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.33	233.3	Pg	00:37:31.900	1.0					TA_					mdi ML 1.9
BUG	0.33	233.3	Sg	00:37:37.200	2.0					TA_					m__
LAU	0.55	238.6	Sg	00:37:44.090	2.0					---		47.0	0.50		m_e
WTSB	0.64	300.9	Pg	00:37:38.648	1.8					---	5.4				m_e
IBBN	0.67	3.5	Pg	00:37:39.442	2.1					---	1.8				m_e ML 2.0
IBBN	0.67	3.5	Sg	00:37:49.109	3.1					---	2.6				m_e
HOB	0.69	199.1	Pg	00:37:39.560	1.8					---					m_e
HOB	0.69	199.1	Sg	00:37:50.370	3.7					---		130.1	0.70		m_e
BNS	0.75	205.8	Sg	00:37:51.030	2.5					---					m_e
ROD	1.07	243.0	Pg	00:37:45.460	0.7					---					m_e
ROD	1.07	243.0	Sg	00:38:01.720	3.2					---					m_e

JUE	1.09	228.3	Sg	00:38:03.570	4.4	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---
STB	1.17	207.5	Pg	00:37:47.980	1.1	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---
STB	1.17	207.5	Sg	00:38:04.040	2.0	---	---	---	---	---	---	35.7	1.20	---	---	---	m_e	---	
KLL	1.32	221.7	Pg	00:37:49.840	0.3	---	---	---	---	---	---	---	---	---	---	---	m_e	---	
KLL	1.32	221.7	Sg	00:38:07.560	1.0	---	---	---	---	---	---	---	---	---	---	---	m_e	---	
HGN	1.41	232.3	Pn	00:37:50.870	0.1	---	---	---	---	---	4.0	---	---	---	---	---	m_e	---	
HGN	1.41	232.3	Sg	00:38:09.793	0.3	---	---	---	---	---	4.4	---	---	---	---	---	m_e	---	
BGG	1.45	189.1	Pg	00:37:52.300	0.3	---	---	---	---	---	---	---	---	---	---	---	m_e	---	
BGG	1.45	189.1	Sg	00:38:10.470	-0.3	---	---	---	---	---	---	---	11.8	0.50	---	---	m_e	---	
TNS	1.49	161.2	Pn	00:37:52.946	1.0	---	---	---	---	---	1.3	---	---	---	---	---	m_e	ML 1.9	
TNS	1.49	161.2	Pg	00:37:53.964	1.1	---	---	---	---	---	3.1	---	---	---	---	---	m_e	---	
TNS	1.49	161.2	Sg	00:38:13.392	1.2	---	---	---	---	---	2.5	---	---	---	---	---	m_e	---	
UBBA	1.66	118.7	Sg	00:38:19.648	2.2	---	---	---	---	---	2.1	---	---	---	---	---	m_e	---	
CLZ	1.67	82.0	Pg	00:37:56.400	0.2	---	---	---	---	---	2.5	---	---	---	---	---	m_e	ML 2.0	
CLZ	1.67	82.0	Sg	00:38:20.601	2.8	---	---	---	---	---	3.5	---	---	---	---	---	m_e	---	
WLF	2.20	206.9	Pg	00:38:07.766	1.5	---	---	---	---	---	2.2	---	---	---	---	---	m_e	ML 2.3	
WLF	2.20	206.9	Sg	00:38:34.875	0.2	---	---	---	---	---	---	---	---	---	---	---	m_e	---	

Event 50510008 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/10	02:45:47.90			50.8991	6.1267				13.0		16	7				m i ke	LDG	50510028
2005/05/10	02:45:44.19			50.9600	6.1760				10.0f		5	5	305	1.21	2.56	m i ke	BGR	50510018
2005/05/10	02:45:47.80			50.9120	6.1270				14.2		12	5	212	0.24	1.04	m i ke	BENS	50510008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	50510028
ML	1.5	1	BGR	50510018
ML	1.4		BENS	50510008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ROD	0.24	8.3	Pg	02:45:53.110	0.3					T_				mdi	
ROD	0.24	8.3	Sg	02:45:57.080	0.8					T_		166.7	0.20	m_e	
KLL	0.29	156.1	Pg	02:45:53.490	-0.3					T_				mci	
KLL	0.29	156.1	Sg	02:45:57.660	-0.2					T_		36.9	0.10	m_e	
STB	0.55	124.9	Pg	02:45:58.590	0.1					T_				m_e	
STB	0.55	124.9	Sg	02:46:05.590	-0.2					T_		8.4	0.30	m_e	
LAU	0.67	49.1	Pg	02:46:00.580	-0.2					T_				m_e	
LAU	0.67	49.1	Sg	02:46:09.780	0.2					T_				m_e	
HOB	0.76	84.2	Pg	02:46:02.750	0.4					T_				m_e	
HOB	0.76	84.2	Sg	02:46:12.500	0.1					T_		15.4	0.30	m_e	
BGG	1.04	132.1	Pg	02:46:06.670	-0.9					T_				m_e	
BGG	1.04	132.1	Sg	02:46:20.340	-0.8					T_		13.4	0.20	m_e	
GIVF	1.16	226.2	Sg	02:46:23.419	-1.4					---	5.0			m_e	
WLF	1.25	179.2	Sg	02:46:25.757	-1.9					---	2.2			m_e	ML 1.5
BAIF	1.49	235.8	Sg	02:46:32.984	-2.3					---	10.1			m_e	
RFYF	2.32	190.7	Sg	02:46:58.991	-2.7					---	1.7			m_e	
MEZF	2.51	196.5	Sg	02:47:05.806	-1.8					---	1.4			m_e	

Event 50510003 Imst/A, Western Mieminger Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/10	04:38:21.10			47.7000	10.2600				5.0							m i uk	NEIC	50510023
(probably mislocated (after BGR))																		
2005/05/10	04:38:07.50			47.3292	10.9072				10.0f		16	9				m i ke	LDG	50510013
2005/05/10	04:38:05.58			47.3320	10.9960				10.0f		30	16	168	0.44	3.34	m i ke	BGR	50510003
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		NEIC	50510023
ML	2.8		LDG	50510013
ML	2.4	0.6	6 BGR	50510003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.44	98.7	Pg	04:38:13.882	-0.2					T__	54.8			m_e	
WTTA	0.44	98.7	Sg	04:38:19.737	-0.1					T__	6.4			m_e	
OBER	0.48	279.2	Pg	04:38:14.300	-0.5					---				m_e	ML 2.3
OBER	0.48	279.2	Sg	04:38:21.900	0.7					---				m_i	
SCE	0.57	120.9	Pg	04:38:16.100	-0.3					---				mdi	
SCE	0.57	120.9	Sg	04:38:24.100	0.3					---				m_i	
DAVA	0.76	267.0	Pg	04:38:19.624	-0.3					T__	22.9			m_e	ML 2.3
DAVA	0.76	267.0	Sg	04:38:30.982	1.2					T__	7.4			m_e	
FUR	0.85	12.6	Pg	04:38:22.184	0.5					T__	3.5			m_e	ML 2.8
FUR	0.85	12.6	Sg	04:38:34.266	1.5					T__	12.8			m_e	
WILA	1.42	274.1	Pg	04:38:32.016	-0.3					T__	4.1			m_e	
WILA	1.42	274.1	Sg	04:38:50.738	0.1					T__	5.4			m_e	
KBA	1.62	98.2	Pg	04:38:35.869	-0.2					T__	23.7			m_e	ML 2.2
KBA	1.62	98.2	Sg	04:38:56.554	-0.4					T__	5.9			m_e	
ZUR	1.64	272.2	Sg	04:38:57.870	0.2					T__	3.5			m_e	
SLE	1.74	285.3	Pn	04:38:36.313	1.2					T__	1.1			m_e	
SLE	1.74	285.3	Pg	04:38:38.792	0.3					T__	7.3			m_e	
SLE	1.74	285.3	Sg	04:39:00.368	-0.7					T__	16.0			m_e	
SULZ	1.96	276.8	Sg	04:39:07.949	0.0					T__	4.1			m_e	
BFO	2.05	300.1	Pn	04:38:40.538	1.3					T__	3.6			m_e	
BFO	2.05	300.1	Pg	04:38:44.066	-0.2					T__	6.6			m_e	
BFO	2.05	300.1	Sn	04:39:05.482	2.1					T__	1.6			m_e	
BFO	2.05	300.1	Sg	04:39:10.125	-0.6					T__	11.9			m_e	
MOA	2.27	75.6	Pg	04:38:47.934	-0.4					T__	3.6			m_e	
MOA	2.27	75.6	Sg	04:39:17.851	0.3					T__	4.8			m_e	
GEC2	2.36	49.1	Sn	04:39:13.234	2.6					T__	4.1			m_e	ML 1.7
GEC2	2.36	49.1	Sg	04:39:20.372	-0.1					T__	2.0			m_e	
GRA1	2.36	3.5	Pg	04:38:50.362	0.2					---				m_e	ML 2.7
GRA1	2.36	3.5	Sg	04:39:20.499	-0.3					---				m_e	
BOURR	2.55	272.8	Sg	04:39:26.973	0.3					T__	2.4			m_e	
GUNZ	3.16	15.7	Sn	04:39:29.674	0.3					T__	4.2			m_e	ML 1.9
GUNZ	3.16	15.7	Sg	04:39:44.896	-1.0					T__	3.9			m_e	
TANN	3.23	16.8	Sn	04:39:33.202	2.1					T__	4.1			m_e	ML 1.6
TANN	3.23	16.8	Sg	04:39:48.438	0.2					T__	3.7			m_e	
WERD	3.23	15.0	Sg	04:39:47.821	-0.5					T__	3.0			m_e	
TNS	3.34	330.8	Pn	04:38:57.865	1.1					T__	2.1			m_e	
TNS	3.34	330.8	Sn	04:39:36.616	2.8					---				m_e	

Event 50510005 Imst/A, Western Mieminger Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/10	14:01:04.70			47.3780	11.0290				10.0							m i uk	NEIC	50510015
2005/05/10	14:01:05.38			47.3980	10.9920				10.0f		24	12	155	0.46	3.17	m i ke	BGR	50510005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		NEIC	50510015
ML	2.4	0.4	6 BGR	50510005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.46	106.8	Pg	14:01:13.277	-0.9					T__	2.6			m_e	
WTTA	0.46	106.8	Sg	14:01:20.264	0.1					T__	5.4			m_e	
DAVA	0.76	262.0	Pg	14:01:19.567	-0.3					T__	5.8			m_e	ML 2.3
DAVA	0.76	262.0	Sg	14:01:30.330	0.6					T__	5.1			m_e	
FUR	0.79	13.9	Sg	14:01:30.609	0.0					T__	9.8			m_e	ML 2.8
WILA	1.41	271.4	Pg	14:01:31.541	-0.5					T__	2.7			m_e	
WILA	1.41	271.4	Sg	14:01:50.621	0.3					T__	3.7			m_e	
KBA	1.63	100.4	Pn	14:01:35.169	1.8					T__	1.3			m_e	ML 2.2
KBA	1.63	100.4	Pg	14:01:36.125	0.0					T__	7.2			m_e	
KBA	1.63	100.4	Sg	14:01:57.675	0.5					T__	6.6			m_e	
ZUR	1.63	269.9	Sg	14:01:57.340	0.0					T__	2.6			m_e	
SLE	1.73	283.2	Pn	14:01:36.063	1.4					T__	1.3			m_e	
SLE	1.73	283.2	Pg	14:01:38.106	0.2					T__	6.7			m_e	
SLE	1.73	283.2	Sg	14:01:59.784	-0.5					T__	5.8			m_e	
BFO	2.01	298.5	Pn	14:01:39.782	1.2					T__	1.3			m_e	ML 2.1
BFO	2.01	298.5	Pg	14:01:43.330	-0.1					T__	6.2			m_e	
BFO	2.01	298.5	Sg	14:02:09.745	0.3					T__	2.8			m_e	
MOA	2.25	77.2	Pn	14:01:42.529	0.7					T__	1.3			m_e	
MOA	2.25	77.2	Pg	14:01:47.312	-0.5					T__	4.5			m_e	
MOA	2.25	77.2	Sg	14:02:17.081	0.1					T__	7.0			m_e	
GRA1	2.30	3.7	Sg	14:02:19.915	1.4					___				m_e	ML 2.7
GEC2	2.32	50.3	Sg	14:02:19.301	0.3					T__	2.4			m_e	
GUNZ	3.09	16.0	Sn	14:02:29.124	1.4					T__	3.4			m_e	ML 1.8
GUNZ	3.09	16.0	Sg	14:02:43.736	0.0					T__	3.0			m_e	
WERD	3.17	15.3	Sg	14:02:46.306	0.2					T__	2.6			m_e	

Event 50510009 Essen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/10	20:02:02.50			51.6840	7.0155				1.0f		18	11				m i si	LDG	50510039
2005/05/10	20:02:02.30			51.6940	7.0180				1.0f		9	5	321	0.35	1.50	m i ki	BENS	50510029

(GESPUERT IN MARL-POLSUM (I=IV))

2005/05/10	20:02:03.76			51.6770	7.0930				1.0f		4	3	289	0.26	2.04	m i ki	BGR	50510019
2005/05/10	20:02:03.60			51.5950	7.0460				1.0f							m i ki	BUG	50510009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	50510039
ML	1.8		BENS	50510029

ML 2.0 0.1 2 BGR 50510019
 ML 1.2 BUG 50510009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.21	137.9	Pg	20:02:08.600	1.1					TA_				mdi	ML 1.2
BUG	0.21	137.9	Sg	20:02:12.300	2.1					TA_				m_	
LAU	0.25	194.6	Pg	20:02:08.940	0.6					---				mdi	
HOB	0.64	163.5	Pg	20:02:16.120	0.5					---				m_e	
HOB	0.64	163.5	Sg	20:02:26.630	2.8					---		36.0	1.50	m_e	
STB	1.01	187.5	Pg	20:02:23.080	0.4					---				m_e	
STB	1.01	187.5	Sg	20:02:38.440	2.8					---		21.3	0.90	m_e	
KLL	1.05	206.2	Pg	20:02:23.350	-0.1					---				m_e	
KLL	1.05	206.2	Sg	20:02:39.120	2.0					---				m_e	
BGG	1.40	172.4	Pg	20:02:29.430	-0.6					---				m_e	
BGG	1.40	172.4	Sg	20:02:49.300	1.2					---		16.1	0.30	m_e	
TNS	1.63	146.7	Pn	20:02:33.624	0.9					---	2.3			m_e	ML 1.9
TNS	1.63	146.7	Sg	20:02:57.441	2.0					---	3.7			m_e	
CLZ	2.08	81.9	Sg	20:03:08.660	-0.9					---	1.8			m_e	ML 2.0

Event 50510001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/10	20:26:38.90			49.3550	6.9391				2.0		167	40				m i ke	LDG	50510031
2005/05/10	20:26:41.20			49.4490	6.8860				1.0f		21	9	322	0.81	1.90	m i ki	BENS	50510021
2005/05/10	20:26:39.40			49.3800	6.9400				1.0f		11	8	164	0.33	2.70	m i ke	LED	50510011
2005/05/10	20:26:38.90			49.3840	6.8960				1.0f		61	32	092	0.33	4.75	m i ki	BGR	50510001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.8		LDG	50510031
ML	3.7		BENS	50510021
ML	3.4		LED	50510011
ML	3.5	0.3	5 BGR	50510001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.33	18.4	P*	20:26:47.280						---				m_	
RUP	0.33	18.4	Pg	20:26:45.829	0.6					T_	965.2			m_e	
WLF	0.56	300.5	Pg	20:26:50.286	0.9					T_	200.8			m_e	ML 3.3
WLF	0.56	300.5	Sg	20:26:57.130	0.5					T_	3.6			m_e	
ABH	0.65	40.0	Pg	20:26:51.377	0.2					T_	246.9			m_e	
LANF	0.72	123.8	Pg	20:26:52.380	-0.1					T_	133.0			m_e	
KTD	0.78	94.3	Pg	20:26:53.553	0.0					T_	88.5			m_e	
KTD	0.78	94.3	Sg	20:27:05.047	1.5					T_	2.4			m_e	
BGG	0.87	18.9	Pg	20:26:55.910	0.6					---				m_e	
BGG	0.87	18.9	Sg	20:27:07.700	1.2					---		1826.5	0.30	m_i	
HIL	0.92	351.4	Pg	20:26:57.150	0.9					---				m_e	
HIL	0.92	351.4	Sg	20:27:09.480	1.4					---		2133.9	0.60	m_e	
STR	0.98	144.4	Pg	20:26:57.951	0.6					T_	8.7			m_e	
WLS	1.02	162.6	Pn	20:26:57.880	-1.7					---				mdi	
WLS	1.02	162.6	Pg	20:26:57.775	-0.3					T_	121.9			m_e	
WLS	1.02	162.6	Sg	20:27:11.737	0.5					T_	2.9			m_e	
ECH	1.18	171.5	Pn	20:27:00.800	-1.1					---				m_e	

ECH	1.18	171.5	Pg	20:27:00.681	-0.5	T__	94.6			m_e		
ECH	1.18	171.5	Sg	20:27:16.417	-0.0	T__	5.5			m_e		
STB	1.21	358.3	Pg	20:27:02.840	1.1	---				m_e		
STB	1.21	358.3	Sg	20:27:18.100	0.8	---		1092.6	0.70	m_e		
TOD	1.26	79.1	Pn	20:27:01.890	-1.0	---				mdi		
TOD	1.26	79.1	Pg	20:27:01.925	-0.7	T__	121.7			m_e		
TOD	1.26	79.1	Sg	20:27:19.285	0.4	T__	8.4			m_e		
THEF	1.30	207.5	Pn	20:27:03.030	-0.4	---				m_		
THEF	1.30	207.5	Pg	20:27:03.015	-0.4	T__	123.5			m_e		
THEF	1.30	207.5	Sg	20:27:19.766	-0.4	T__	4.5			m_e		
TNS	1.31	49.5	Pn	20:27:02.615	-0.9	T__	8.7			m_e	ML	3.8
TNS	1.31	49.5	Pg	20:27:04.162	0.7	T__	123.4			m_e		
TNS	1.31	49.5	Sg	20:27:20.894	0.5	T__	5.5			m_e		
KLL	1.32	343.7	Pg	20:27:03.860	0.1	---				m_e		
KLL	1.32	343.7	Sg	20:27:20.850	0.1	---		464.1	0.60	m_e		
LIBD	1.32	159.0	Pg	20:27:04.419	0.7	T__	18.3			m_e		
BFO	1.41	137.6	Pn	20:27:04.017	-1.0	T__	11.8			m_e	ML	3.1
BFO	1.41	137.6	Pg	20:27:05.972	0.4	T__	112.9			m_e		
BFO	1.41	137.6	Sg	20:27:24.165	0.3	T__	3.4			m_e		
LBG	1.44	119.3	Pn	20:27:04.400	-1.0	---				mde	ML	3.5
LBG	1.44	119.3	Pg	20:27:06.270	0.3	---				m_		
HGN	1.51	336.2	Pn	20:27:06.148	-0.2	T__	26.0			m_e		
HGN	1.51	336.2	Pg	20:27:08.080	0.7	T__	98.2			m_e		
HGN	1.51	336.2	Sg	20:27:27.061	0.1	T__	4.3			m_e		
MOF	1.54	174.1	Pn	20:27:05.715	-1.0	T__	3.2			m_e		
MOF	1.54	174.1	Pg	20:27:07.925	-0.0	T__	90.5			m_e		
MOF	1.54	174.1	Sg	20:27:27.795	-0.0	T__	3.7			m_e		
SIN	1.54	354.6	Sg	20:27:26.540	-1.3	---				m_e		
JUE	1.56	348.6	Pg	20:27:07.880	-0.4	---				m_e		
JUE	1.56	348.6	Sg	20:27:30.130	1.7	---		2605.1	1.00	m_e		
KIZ	1.58	154.3	Pn	20:27:06.180	-1.1	---				m_	ML	3.3
KIZ	1.58	154.3	Pg	20:27:08.480	-0.2	---				m_		
BER	1.58	354.1	Sg	20:27:28.380	-0.8	---				m_e		
BNS	1.59	6.4	Pg	20:27:08.760	-0.1	---				m_e		
BNS	1.59	6.4	Sg	20:27:28.790	-0.6	---		2190.7	0.50	m_i		
TGD	1.59	355.0	Sg	20:27:27.070	-2.4	---				m_e		
HOB	1.62	9.8	Pg	20:27:09.580	0.1	---				m_e		
HOB	1.62	9.8	Sg	20:27:29.870	-0.6	---		2050.7	0.70	m_e		
STU	1.62	111.3	Pn	20:27:07.440	-0.4	T__	3.9			m_e		
STU	1.62	111.3	Pg	20:27:10.411	0.9	T__	8.4			m_e		
STU	1.62	111.3	(Sn)	20:27:29.285	0.8	---	1.8			m_e		
TUBL	1.67	120.1	Pg	20:27:10.730	0.3	---				m_	ML	3.3
FELD	1.68	153.7	Pn	20:27:07.620	-1.0	---				m_		
FELD	1.68	153.7	Pg	20:27:10.571	0.1	T__	23.9			m_e		
FELD	1.68	153.7	Sg	20:27:32.261	0.1	T__	3.7			m_e		
SIND	1.76	90.1	Pn	20:27:08.910	-0.9	---				mdi	ML	3.5
SPAK	1.79	135.1	Pg	20:27:12.696	0.1	T__	14.1			m_e		
ROD	1.82	345.7	Pg	20:27:11.410	-1.8	---				m_e		
ROD	1.82	345.7	Sg	20:27:34.790	-1.9	---		1682.3	0.60	m_e		
BUCH	1.87	119.1	Pn	20:27:10.640	-0.5	---				mde	ML	3.5
BBS	1.96	167.8	Pn	20:27:12.285	-0.2	T__	4.1			m_e		
GUT	1.97	131.1	Pn	20:27:12.660	0.1	---				m_	ML	3.4
LAU	1.97	0.9	Pg	20:27:12.760	-3.2	---				m_e		
LAU	1.97	0.9	Sg	20:27:37.030	-4.4	---		499.5	0.60	m_e		

LOMF	2.03	181.3	Pn	20:27:12.859	-0.6	T__	4.1	m_e		
LOMF	2.03	181.3	Pg	20:27:17.130	-0.1	T__	8.4	m_e		
LOMF	2.03	181.3	Sg	20:27:43.531	0.0	T__	2.7	m_e		
BUG	2.07	6.5	Pn	20:27:13.805	-0.1	T__	3.9	m_e ML	3.8	
BUG	2.07	6.5	Pg	20:27:17.988	0.1	T__	8.5	m_e		
BUG	2.07	6.5	Sg	20:27:44.042	-0.6	T__	6.3	m_e		
SISB	2.18	140.3	Pn	20:27:15.660	0.2	---		m_ ML	3.3	
HDH	2.32	109.0	Pn	20:27:16.980	-0.3	---		m_ ML	3.3	
HDH	2.32	109.0	Pg	20:27:22.260	-0.3	---		m_		
UBBA	2.45	53.0	Pg	20:27:24.904	-0.2	T__	6.5	m_e ML	3.5	
UBBA	2.45	53.0	Sg	20:27:57.385	0.5	T__	3.3	m_e		
WTSB	2.58	358.7	Pn	20:27:21.249	0.4	T__	15.8	m_e		
WTSB	2.58	358.7	Sg	20:28:00.445	-0.5	T__	3.1	m_e		
UBR	2.72	127.5	Pn	20:27:22.960	0.2	---		m_ ML	3.4	
GRA1	2.82	82.1	Pn	20:27:24.858	0.7	---		m_e ML	3.9	
GRA1	2.82	82.1	Sg	20:28:10.111	1.5	---		m_e		
IBBN	2.97	10.2	Sg	20:28:12.746	-0.6	T__	3.5	m_e		
CLZ	3.30	40.6	Pn	20:27:31.262	0.7	T__	10.0	m_e		
NEUB	3.61	57.8	Sg	20:28:34.319	0.7	T__	3.3	m_e		
GUNZ	3.64	72.3	Pn	20:27:35.308	0.2	T__	6.4	m_e		
GUNZ	3.64	72.3	Pg	20:27:47.484	0.1	T__	4.5	m_e		
GUNZ	3.64	72.3	Sg	20:28:34.702	0.3	T__	3.4	m_e		
WERD	3.64	71.0	Pn	20:27:35.265	0.0	T__	5.3	m_e		
WERD	3.64	71.0	Pg	20:27:47.337	-0.2	T__	5.1	m_e		
WERD	3.64	71.0	Sg	20:28:34.709	0.1	T__	4.3	m_e		
TANN	3.73	71.8	Pn	20:27:36.975	0.6	T__	10.2	m_e		
TANN	3.73	71.8	Pg	20:27:49.683	0.5	T__	3.7	m_e		
TANN	3.73	71.8	Sg	20:28:37.348	-0.0	T__	3.1	m_e		
CLL	4.34	61.4	Pn	20:27:45.000	0.3	---		m_e ML	3.4	
CLL	4.34	61.4	Pg	20:28:04.000	3.2	---		m_e		
CLL	4.34	61.4	Sg	20:28:57.455	0.6	T__	3.2	m_e		
GEC2	4.49	94.3	Pn	20:27:47.962	1.3	T__	81.0	m_e		
GEC2	4.49	94.3 (Sn)		20:28:38.819	3.1	---	2.6	m_e		
BRG	4.75	69.1	Pn	20:27:52.000	1.7	---		m_e		
BRG	4.75	69.1	Pg	20:28:06.574	-1.9	T__	3.6	m_e		
BRG	4.75	69.1	Sg	20:29:08.344	-1.6	T__	2.6	m_e		

Event 50510006 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/10	22:27:13.60			51.6710	7.6390				1.0f		16	8	307	0.54	1.50	m i ki	BENS	50510026
2005/05/10	22:27:13.34			51.5960	7.7060				1.0f		17	10	077	0.31	3.29	m i ki	BGR	50510016
2005/05/10	22:27:12.10			51.6310	7.7080				1.0f							m i ki	BUG	50510006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BENS	50510026
ML	2.0	0.1	3 BGR	50510016
ML	2.0		BUG	50510006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.33	235.3	Pg	22:27:19.400	1.0					TA_				mdi ML	2.0

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.33	235.3	Sg	22:27:24.700	2.0										
LAU	0.55	239.8	Pg	22:27:23.250	0.7										
LAU	0.55	239.8	Sg	22:27:31.340	1.7							67.5	0.50		
WTSB	0.65	301.2	Pg	22:27:25.838	1.4						9.9				
WTSB	0.65	301.2	Sg	22:27:35.109	2.2						2.7				
IBBN	0.68	2.7	Pg	22:27:27.255	2.4						2.6				
HOB	0.69	200.0	Pg	22:27:27.100	2.0										
HOB	0.69	200.0	Sg	22:27:37.470	3.5							134.1	0.60		
BNS	0.75	206.7	Pg	22:27:29.250	3.1										
BNS	0.75	206.7	Sg	22:27:38.640	2.8										
ROD	1.07	243.6	Pg	22:27:33.230	1.0										
ROD	1.07	243.6	Sg	22:27:49.140	3.1										
STB	1.17	208.1	Pg	22:27:35.250	1.1										
STB	1.17	208.1	Sg	22:27:51.490	2.2							33.6	0.50		
KLL	1.32	222.2	Pg	22:27:36.950	0.0										
KLL	1.32	222.2	Sg	22:27:55.010	1.1										
HGN	1.41	232.8	Pn	22:27:38.208	0.0						9.6				
HGN	1.41	232.8	Sg	22:27:57.488	0.6						3.6				
BGG	1.44	189.5	Pg	22:27:39.620	0.3										
BGG	1.44	189.5	Sg	22:27:58.530	0.6										
TNS	1.48	161.4	Pn	22:27:39.574	0.4						1.9			m_e ML	2.0
TNS	1.48	161.4	Sg	22:28:00.181	0.9						2.4				
HIL	1.49	206.2	Pg	22:27:40.790	0.7										
HIL	1.49	206.2	Sg	22:28:00.230	0.9										
UBBA	1.65	118.6	Pg	22:27:44.337	1.1						4.5				
CLZ	1.66	81.7	Pn	22:27:42.490	0.9						1.7			m_e ML	1.9
CLZ	1.66	81.7	Sg	22:28:06.361	1.4						2.3				
WLF	2.20	207.2	Pn	22:27:49.819	0.9						1.1				
WLF	2.20	207.2	Pg	22:27:53.695	0.1						4.1				
WERD	3.12	110.5	Pg	22:28:12.635	1.7						2.2				
WERD	3.12	110.5	Sg	22:28:52.133	0.8						2.3				
BFO	3.33	172.9	Pn	22:28:05.264	1.1						3.3				

Event 50512001 Olten, Langenthal/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/12	01:38:05.60			47.3000	7.7000				25.0							m i uk	NEIC	50512041
2005/05/12	01:38:05.60			47.2988	7.6240				20.0f		176	40				m i ke	LDG	50512031
2005/05/12	01:38:05.60			47.3000	7.7000				25.0							m i uk	SED	50512021
2005/05/12	01:38:04.84			47.2250	7.6330				20.0f		76	33	206	0.25	5.38	m i ke	BGR	50512011
2005/05/12	01:38:05.90			47.2700	7.6800				24.0		18	13	203	0.23	3.00	m i ke	LED	50512001

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		NEIC	50512041
ML	4.2		NEIC	50512041
ML	4.3		LDG	50512031
ML	4.1		SED	50512021
ML	4.1	1.3	7 BGR	50512011
ML	4.1		LED	50512001

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

BBS	0.23	329.3	Pg	01:38:11.780	-0.0	T__		mdi		
BOURR	0.33	292.5	Pg	01:38:13.116	-0.2	___		m_e		
BOURR	0.33	292.5	Sg	01:38:17.316	-1.1	___	25.2	m_e		
SULZ	0.39	48.4	Pg	01:38:14.536	0.2	___		m_e		
SULZ	0.39	48.4	Sg	01:38:20.426	0.3	___	5.1	m_e		
LOMF	0.58	278.3	Pg	01:38:17.290	-0.3	T__		mci		
LOMF	0.58	278.3	Sg	01:38:24.109	-1.6	___	4.8	m_e		
ZUR	0.62	80.5	Pg	01:38:18.253	0.0	___		m_e		
ZUR	0.62	80.5	Sg	01:38:26.631	-0.1	___	20.2	m_e		
FELD	0.64	19.7	Pg	01:38:17.860	-0.8	T__		mci		
FELD	0.64	19.7	Sg	01:38:26.458	-1.0	___	2.8	m_e		
MOF	0.69	327.8	Pg	01:38:18.700	-0.8	T__		mdi		
MOF	0.69	327.8	Sg	01:38:28.022	-0.8	___	3.6	m_e		
KIZ	0.70	13.1	Pn	01:38:18.420	-1.3	T__		mci ML	4.7	
KIZ	0.70	13.1	Pg	01:38:19.380	-0.4	T__		m__		
KIZ	0.70	13.1	Sg	01:38:28.820	-0.5	T__		m_i		
SLE	0.74	47.6	Sg	01:38:29.871	-0.5	___	11.2	m_e		
FBB	0.74	9.0	Pg	01:38:20.160	-0.3	T__		m__		
WILA	0.84	79.7	Pn	01:38:21.558	-0.0	___	183.6	m_e		
WILA	0.84	79.7	Pg	01:38:22.628	0.3	___		m_e		
WILA	0.84	79.7	Sg	01:38:33.539	-0.0	___	13.7	m_e		
LIBD	0.88	356.7	Pn	01:38:21.772	-0.3	___	1.7	m_e		
LIBD	0.88	356.7	Pg	01:38:22.480	-0.5	T__		m__		
LIBD	0.88	356.7	Sg	01:38:33.817	-0.9	___	5.1	m_e		
SISB	0.96	63.9	Pn	01:38:22.720	-0.5	T__		mci ML	3.9	
SISB	0.96	63.9	Sg	01:38:37.440	0.2	T__		m__		
ECH	1.01	339.8	Pn	01:38:22.920	-0.9	T__		m__		
ECH	1.01	339.8	Pg	01:38:24.222	-1.1	___		m_e		
ECH	1.01	339.8	Sg	01:38:37.550	-1.1	___	3.8	m_e		
SPAK	1.12	41.4	Pn	01:38:24.260	-1.0	T__		mci		
SPAK	1.12	41.4	Pg	01:38:26.781	-0.6	___		m_e		
SPAK	1.12	41.4	Sg	01:38:41.562	-0.5	___	2.5	m_e		
BFO	1.15	22.1	Pn	01:38:24.350	-1.3	T__		mci ML	4.2	
BFO	1.15	22.1	Pg	01:38:27.424	-0.5	___		m_e		
BFO	1.15	22.1	Sg	01:38:41.870	-1.1	T__		m__		
WLS	1.16	349.3	Pn	01:38:25.260	-0.7	T__		mde		
WLS	1.16	349.3	Pg	01:38:27.218	-1.0	___		m_e		
WLS	1.16	349.3	Sg	01:38:42.545	-1.0	___	3.4	m_e		
GUT	1.26	49.8	Pn	01:38:26.080	-1.1	T__		mci ML	3.8	
GUT	1.26	49.8	Sg	01:38:45.780	-0.6	T__		m__		
STR	1.32	2.2	Pg	01:38:29.999	-1.0	___		m_e		
STR	1.32	2.2	Sg	01:38:48.034	-0.2	___	1.5	m_e		
THEF	1.48	310.8	Pn	01:38:29.930	-0.3	___		mde		
THEF	1.48	310.8	Sg	01:38:52.128	-1.4	___	2.3	m_e		
TUBL	1.57	36.4	Pn	01:38:30.120	-1.3	___		mci ML	4.1	
TUBL	1.57	36.4	PmP	01:38:37.530	1.5	___		m__		
TUBL	1.57	36.4	Sg	01:38:54.620	-1.5	___		m__		
LBG	1.58	27.8	Pn	01:38:29.980	-1.6	___		mci ML	4.2	
BUCH	1.63	43.0	Pn	01:38:30.900	-1.3	___		mci ML	4.1	
BUCH	1.63	43.0	PmP	01:38:38.720	1.5	___		m__		
UBR	1.69	75.1	Pn	01:38:33.410	0.3	___		mci ML	4.0	
LANF	1.71	2.8	Pn	01:38:32.540	-0.8	___		m__		
LANF	1.71	2.8	Pg	01:38:38.465	0.0	___		m_e		
OBER	1.78	84.6	Pn	01:38:34.900	0.7	___		mci ML	3.6	

STU	1.81	33.4	Pn	01:38:32.921	-1.8	---	17.6	m_e	ML	4.5
STU	1.81	33.4	Pg	01:38:39.234	-1.0	---		m_e		
STU	1.81	33.4	Sg	01:39:03.164	-0.7	---	11.3	m_e		
KTD	2.07	7.3	Pn	01:38:37.180	-1.0	---		m_		
KTD	2.07	7.3	Pg	01:38:45.042	-0.0	---		m_e		
KTD	2.07	7.3	Sg	01:39:11.252	-0.7	---	2.7	m_e		
HDH	2.14	51.2	Pn	01:38:37.710	-1.5	---		m_	ML	4.0
SWS	2.32	16.6	Pn	01:38:39.760	-1.8	---		mce	ML	3.8
SIND	2.44	30.9	Pn	01:38:40.940	-2.3	---		mci	ML	4.0
SIND	2.44	30.9	Sn	01:39:09.500	-0.7	---		m_		
TOD	2.45	17.3	Pn	01:38:41.720	-1.7	---		m_		
RUP	2.47	350.6	Pn	01:38:44.520	0.9	---		m_		
RUP	2.47	350.6	Pg	01:38:51.778	-0.8	---		m_e		
RUP	2.47	350.6	Sg	01:39:23.325	-1.2	---	1.8	m_e		
FUR	2.58	68.4	Pn	01:38:45.589	0.5	---	11.6	m_e	ML	4.3
FUR	2.58	68.4	Pg	01:38:54.610	-0.0	---		m_e		
FUR	2.58	68.4	Sg	01:39:28.465	0.4	---	5.0	m_e		
WLF	2.60	337.6	Pn	01:38:46.645	1.3	---	11.2	m_e	ML	4.0
WLF	2.60	337.6	Pg	01:38:54.344	-0.7	---		m_e		
WLF	2.60	337.6	Sg	01:39:28.471	-0.3	---	4.1	m_e		
ABH	2.61	358.1	Pn	01:38:45.790	0.2	---		m_		
ABH	2.61	358.1	Pg	01:38:54.472	-0.8	---		m_e		
ABH	2.61	358.1	Sg	01:39:27.895	-1.3	---	3.1	m_e		
SCE	2.75	93.3	Pn	01:38:49.500	2.1	---		m_e		
TNS	3.00	9.4	Pn	01:38:50.010	-0.7	---		mde	ML	3.4
TNS	3.00	9.4	(Sn)	01:39:23.277	0.0	---	2.0	m_e		
TNS	3.00	9.4	Sg	01:39:40.244	-1.1	---	2.9	m_e		
GRA1	3.37	42.8	Pn	01:38:54.026	-1.8	---		m_e	ML	4.5
GRA1	3.37	42.8	Sg	01:39:52.134	-1.1	---		m_e		
RJOB	3.49	80.4	Pn	01:38:59.000	1.6	---		mci	ML	3.8
HROE	3.65	25.6	Pn	01:38:57.200	-2.4	---		mci		
UBBA	3.86	22.3	Pn	01:38:59.893	-2.6	---	1.7	m_e		
UBBA	3.86	22.3	Sg	01:40:06.964	-1.8	---	4.1	m_e		
MOX	4.25	36.0	Pn	01:39:05.215	-2.5	---	20.3	m_e	ML	1.9
MOX	4.25	36.0	Pg	01:39:25.924	-0.2	---		m_e		
MOX	4.25	36.0	(Sn)	01:39:53.399	0.7	---	1.5	m_e		
MOX	4.25	36.0	Sg	01:40:19.190	-1.9	---	5.0	m_e		
GEC2	4.32	66.4	Pn	01:39:08.872	0.2	---	55.1	m_e	ML	1.7
GEC2	4.32	66.4	(Sn)	01:39:57.345	3.0	---	2.1	m_e		
GEC2	4.32	66.4	Sg	01:40:22.359	-1.0	---	2.8	m_e		
GUNZ	4.35	43.0	Pn	01:39:07.079	-2.1	---	3.7	m_e		
GUNZ	4.35	43.0	Sg	01:40:23.870	-0.4	---	5.4	m_e		
WERD	4.40	42.0	Pn	01:39:08.065	-1.7	---	6.8	m_e		
WERD	4.40	42.0	Pg	01:39:28.718	-0.2	---		m_e		
TANN	4.45	43.2	Pn	01:39:08.620	-1.8	---	3.4	m_e		
TANN	4.45	43.2	Pg	01:39:29.568	-0.2	---		m_e		
TANN	4.45	43.2	Sg	01:40:26.718	-0.6	---	3.8	m_e		
NEUB	4.76	32.6	Sg	01:40:36.219	-1.0	---	5.8	m_e		
CLZ	4.89	19.9	Pn	01:39:14.115	-2.4	---		m_e		
CLL	5.32	38.7	Pn	01:39:19.408	-2.9	---	3.1	m_e	ML	4.4
CLL	5.32	38.7	Pg	01:39:48.000	1.7	---		m_i		
CLL	5.32	38.7	Sg	01:40:54.423	-0.7	---	3.7	m_e		
BRG	5.46	46.4	Pn	01:39:23.600	-0.5	---		m_i		
BRG	5.46	46.4	Pg	01:39:49.800	1.0	---		m_i		

BRG 5.46 46.4 Sg 01:40:57.800 -1.6 _____ m_i

Event 50512003 Olten, Langenthal/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/12	09:54:38.40			47.2904	7.6570				21.0f		48	15				m i ke	LDG	50512033
2005/05/12	09:54:38.90			47.3000	7.7000				24.0							m i uk	SED	50512023
2005/05/12	09:54:39.20			47.3110	7.6450				22.5		11	6	202	0.29	1.12	m i ke	BGR	50512013
2005/05/12	09:54:38.90			47.2700	7.6900				24.0		11	8	214	0.23	1.62	m i ke	LED	50512003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	50512033
ML	2.4		SED	50512023
ML	1.6	1	BGR	50512013
ML	2.2		LED	50512003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BBS	0.23	327.9	Pg	09:54:44.900	0.1					T__				m_c i	
BOURR	0.34	292.1	Pg	09:54:46.161	-0.2					___	4.2			m_e	
BOURR	0.34	292.1	Sg	09:54:50.440	-1.1					___	9.2			m_e	
SULZ	0.39	47.7	Pg	09:54:47.667	0.4					___	11.0			m_e	
SULZ	0.39	47.7	Sg	09:54:53.342	0.4					___	14.6			m_e	
LOMF	0.59	278.2	Pn	09:54:50.460	-0.7					T__				m_e	
ZUR	0.61	80.4	Pg	09:54:51.396	0.3					___	1.8			m_e	
ZUR	0.61	80.4	Sg	09:55:00.290	0.8					___	7.5			m_e	
FELD	0.64	19.1	Pn	09:54:50.950	-0.9					T__				m_d e	
MOF	0.69	327.3	Pg	09:54:52.120	-0.4					T__				m__	
KIZ	0.70	12.6	Pn	09:54:51.630	-1.0					T__				m__ ML	2.8
KIZ	0.70	12.6	Pg	09:54:52.460	-0.3					T__				m__	
KIZ	0.70	12.6	Sg	09:55:01.940	-0.3					T__				m__	
SLE	0.74	47.3	Pg	09:54:52.338	-1.0					___	12.1			m_e	
SLE	0.74	47.3	Sg	09:55:02.330	-0.9					___	19.4			m_e	
WILA	0.84	79.6	Pg	09:54:55.626	0.4					___	3.1			m_e	
WILA	0.84	79.6	Sg	09:55:07.079	0.7					___	10.2			m_e	
SISB	0.96	63.7	Sg	09:55:10.380	0.3					___				m__ ML	2.1
ECH	1.01	339.5	Pg	09:54:57.700	-0.7					T__				m__	
ECH	1.01	339.5	Sg	09:55:10.940	-0.8					___				m__	
BFO	1.14	21.8	Pn	09:54:57.450	-1.2					T__				m__ ML	2.2
BFO	1.14	21.8	Sg	09:55:15.000	-0.9					T__				m__	
GUT	1.25	49.6	Pn	09:54:59.220	-0.9					T__				m_c i ML	2.0
BUCH	1.62	42.8	Pn	09:55:04.020	-1.1					___				m_c i ML	2.2

Event 50512007 Delemont, Solothurn/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/12	14:48:43.50			47.2579	7.6701				20.0f		19	8				m i ke	LDG	50512027
2005/05/12	14:48:44.70			47.3000	7.7000				23.0							m i uk	SED	50512017
2005/05/12	14:48:44.93			47.3100	7.6460				20.0f		13	8	202	0.29	1.12	m i ke	BGR	50512007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	50512027
ML	1.8		SED	50512017
ML	1.3	1	BGR	50512007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BOURR	0.29	287.0	Pg	14:48:51.767	0.4					T__	1.5			m_e	
BOURR	0.29	287.0	Sg	14:48:56.135	0.3					T__	7.3			m_e	
SULZ	0.38	55.1	Pg	14:48:53.269	0.3					T__	4.9			m_e	
SULZ	0.38	55.1	Sg	14:48:59.300	0.9					T__	6.6			m_e	
ZUR	0.64	84.4	Sg	14:49:05.930	-0.0					T__	2.3			m_e	
SLE	0.73	51.1	Pg	14:48:59.036	-0.1					T__	10.2			m_e	
SLE	0.73	51.1	Sg	14:49:09.076	0.2					T__	7.4			m_e	
HINF	0.74	313.7	Pg	14:48:59.029	-0.2					T__	1.5			m_e	
HINF	0.74	313.7	Sg	14:49:08.946	-0.1					T__	4.1			m_e	
WILA	0.86	82.6	Pg	14:49:01.228	-0.3					T__	2.5			m_e	
WILA	0.86	82.6	Sg	14:49:12.290	-0.6					T__	3.5			m_e	
HAU	1.12	309.0	Sg	14:49:20.440	-0.4					T__	2.2			m_e	
BFO	1.12	24.0	Sg	14:49:20.535	-0.4					T__	3.4			m_e	ML 1.3

Event 927363 Essen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/13	03:00:39.60			51.6771	6.9826				1.0f		35	19				m i si	LDG	927383
2005/05/13	03:00:39.30			51.7030	6.9770				1.0f		10	6	300	0.75	1.51	m i ki	BENS	927373
2005/05/13	03:00:40.30			51.5990	7.0490				1.0f							m i ki	BUG	927363

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	927383
ML	1.8		BENS	927373
ML	1.2		BUG	927363

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.21	139.0	Pg	03:00:45.300	1.0					TA_				mdi	ML 1.2
BUG	0.21	139.0	Sg	03:00:49.100	2.1					TA_				m__	
BNS	0.64	172.8	Pg	03:00:53.530	1.2					---				m_e	
HOB	0.64	163.7	Pg	03:00:53.230	0.9					---				m_e	
HOB	0.64	163.7	Sg	03:01:04.190	3.5					---		36.2	0.90	m_e	
ROD	0.71	230.4	Pg	03:00:53.530	-0.1					---				m_e	
IBBN	0.83	31.5	Sg	03:01:08.144	1.4					---				m_e	
STB	1.01	187.5	Pg	03:01:00.100	0.7					---				m_e	
STB	1.01	187.5	Sg	03:01:15.330	2.8					---		21.5	0.90	m_e	
KLL	1.06	206.2	Pg	03:01:00.280	0.0					---				m_e	
KLL	1.06	206.2	Sg	03:01:15.940	2.0					---		18.1	0.50	m_e	
BGG	1.40	172.5	Pg	03:01:06.240	-0.5					---				m_e	
BGG	1.40	172.5	Sg	03:01:26.540	1.6					---		19.5	0.20	m_e	

Event 50513004 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/13	19:44:07.91			48.1000	8.0000				12.0							m i uk	SED	50513034
2005/05/13	19:44:07.00			48.0754	8.0236				14.0f		130	37				m i ke	LDG	50513024
2005/05/13	19:44:08.00			48.0990	8.0440				10.0f		78	36	048	0.22	4.73	m i ke	BGR	50513014
2005/05/13	19:44:08.29			48.0830	8.0360				11.0		27	17	063	0.15	1.83	m i ke	LED	50513004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		SED	50513034
ML	3.5		LDG	50513024
ML	3.2	0.3	4 BGR	50513014
ML	3.2		LED	50513004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.15	236.4	Pg	19:44:11.860	0.2					T__				mci	
FBB	0.15	236.4	Sg	19:44:14.190	0.3					___				m__	
KIZ	0.15	211.9	Pg	19:44:11.780	0.1					T__				mci ML	3.6
KIZ	0.15	211.9	Sg	19:44:14.180	0.2					T__				m_i	
FELD	0.21	185.9	Pg	19:44:12.860	0.2					T__				mci	
FELD	0.21	185.9	Sg	19:44:15.504	-0.1					___	210.7			m_e	
LIBD	0.30	283.3	Pg	19:44:14.700	0.5					T__				mdi	
LIBD	0.30	283.3	Sg	19:44:18.039	-0.2					___	6.1			m_e	
BFO	0.32	38.3	Pg	19:44:14.680	0.2					T__				mci ML	3.2
BFO	0.32	38.3	Sg	19:44:19.070	0.3					T__				m_i	
SLE	0.44	135.8	Pg	19:44:16.951	0.2					___				m_e	
SLE	0.44	135.8	Sg	19:44:22.562	-0.1					___	1.9			m_e	
SPAK	0.50	87.5	Pg	19:44:18.260	0.3					T__				mce	
SPAK	0.50	87.5	Sg	19:44:24.600	0.1					___	2.4			m_e	
SULZ	0.56	174.7	Pg	19:44:19.063	0.1					___				m_e	
SULZ	0.56	174.7	Sg	19:44:26.376	0.1					___	27.4			m_e	
WLS	0.56	306.2	Pg	19:44:19.330	0.3					T__				mdi	
WLS	0.56	306.2	Sg	19:44:26.150	-0.3					___	1.1			m_e	
ECH	0.60	283.1	Pg	19:44:19.830	0.1					T__				mdi	
ECH	0.60	283.1	Sg	19:44:27.516	-0.1					___	2.9			m_e	
MOF	0.65	249.4	Pg	19:44:20.620	-0.0					T__				mci	
MOF	0.65	249.4	Sg	19:44:29.242	0.1					___	4.8			m_e	
BBS	0.71	210.0	Pg	19:44:22.010	0.2					T__				mci	
BBS	0.71	210.0	Sg	19:44:31.609	0.5					___	1.8			m_e	
GUT	0.72	90.6	Pg	19:44:22.260	0.2					T__				mdi ML	3.3
GUT	0.72	90.6	PmP	19:44:22.820	-1.4					T__				m__	
GUT	0.72	90.6	Sg	19:44:31.820	0.4					T__				m__	
SISB	0.74	122.2	Pg	19:44:22.690	0.4					T__				mdi ML	3.0
SISB	0.74	122.2	PmP	19:44:24.510	0.0					___				m__	
SISB	0.74	122.2	Sg	19:44:32.560	0.6					T__				m__	
LBG	0.77	40.7	Pg	19:44:22.720	-0.2					T__				mce ML	3.0
LBG	0.77	40.7	PmP	19:44:22.900	-2.1					T__				m__	
LBG	0.77	40.7	Sg	19:44:32.960	0.0					T__				m_i	
ZUR	0.80	152.6	Pg	19:44:23.762	0.2					___				m_e	
ZUR	0.80	152.6	Sg	19:44:34.041	0.0					___	16.7			m_e	
TUBL	0.82	57.3	Pn	19:44:23.850	-1.4					T__				mci ML	3.2
TUBL	0.82	57.3	Pg	19:44:24.460	0.5					T__				m__	
TUBL	0.82	57.3	Sg	19:44:34.810	0.2					T__				m__	
BOURR	0.88	218.5	Pg	19:44:24.201	-0.7					___				m_e	

BOURR	0.88	218.5	Sg	19:44:36.606	0.3	---	3.2	m_e		
WILA	0.89	138.4	Pg	19:44:25.510	0.4	---		m_e		
WILA	0.89	138.4	Sg	19:44:36.757	0.1	---	5.1	m_e		
LANF	0.91	350.4	Pg	19:44:24.880	-0.7	T_		mde		
LANF	0.91	350.4	Sg	19:44:37.477	0.1	---	8.2	m_e		
BUCH	0.95	66.8	Pn	19:44:25.540	-1.4	T_		mci ML	3.6	
BUCH	0.95	66.8	Sg	19:44:39.390	0.8	T_		m_		
STU	1.03	47.7	Pg	19:44:27.828	0.0	---		m_e ML	3.2	
STU	1.03	47.7	Sg	19:44:40.858	-0.3	---	3.5	m_e		
LOMF	1.09	228.4	Pg	19:44:29.040	0.0	T_		m_		
LOMF	1.09	228.4	Sg	19:44:43.475	0.3	---	4.7	m_e		
KTD	1.24	1.4	Pn	19:44:29.354	-1.5	---	3.2	m_e		
KTD	1.24	1.4	Pg	19:44:31.352	-0.3	---		m_e		
THEF	1.37	276.8	Pn	19:44:31.300	-1.3	---		mde		
THEF	1.37	276.8	Sg	19:44:51.251	-0.7	---	5.2	m_e		
UBR	1.45	105.4	Pg	19:44:36.300	0.7	---		mci ML	3.1	
UBR	1.45	105.4	Sn	19:44:51.100	-0.6	---		m_		
UBR	1.45	105.4	Sg	19:44:54.690	0.3	---		m_		
SWS	1.47	17.1	Pn	19:44:31.900	-2.1	---		m_ ML	2.9	
HDH	1.53	70.0	Pn	19:44:33.440	-1.3	---		mci ML	3.2	
HDH	1.53	70.0	Pg	19:44:36.940	-0.2	---		m_		
HDH	1.53	70.0	Sg	19:44:56.670	-0.3	---		m_		
TOD	1.60	18.1	Pn	19:44:34.159	-1.7	---	2.0	m_e		
TOD	1.60	18.1	Pg	19:44:38.288	-0.3	---	3.2	m_e		
TOD	1.60	18.1	Sg	19:44:58.182	-1.2	---	3.2	m_e		
SIND	1.64	38.7	Pn	19:44:34.050	-2.2	---		mC_ ML	3.0	
SIND	1.64	38.7	Sg	19:44:59.570	-0.8	---		m_		
RUP	1.74	338.7	Pn	19:44:37.117	-0.6	---	1.9	m_e		
RUP	1.74	338.7	Pg	19:44:41.100	-0.1	---		m_		
RUP	1.74	338.7	Sg	19:45:02.989	-0.7	---	3.6	m_e		
ABH	1.83	350.1	Pn	19:44:38.469	-0.4	---	1.2	m_e		
ABH	1.83	350.1	Pg	19:44:42.660	-0.1	---		m_		
ABH	1.83	350.1	Sg	19:45:05.731	-0.7	---	4.4	m_e		
WLF	2.01	322.6	Pn	19:44:41.084	-0.2	---	1.6	m_e ML	2.8	
WLF	2.01	322.6	Pg	19:44:45.909	-0.3	---		m_e		
WLF	2.01	322.6	Sg	19:45:11.313	-0.9	---	5.3	m_e		
TNS	2.16	7.0	Pn	19:44:42.129	-1.2	---	3.9	m_e ML	3.0	
TNS	2.16	7.0	Pg	19:44:48.493	-0.5	---		m_e		
TNS	2.16	7.0	Sg	19:45:16.424	-0.4	---	2.4	m_e		
FUR	2.16	86.7	Pg	19:44:49.667	0.6	---		m_e ML	3.6	
FUR	2.16	86.7	Sg	19:45:16.680	-0.4	---	9.0	m_e		
GRA1	2.64	51.3	Pg	19:44:57.665	-0.4	---		m_e ML	3.4	
GRA1	2.64	51.3	Sg	19:45:30.946	-1.3	---		m_e		
UBBA	3.02	24.3	Pg	19:45:04.794	-0.4	---		m_e		
UBBA	3.02	24.3	Sg	19:45:43.235	-1.0	---	4.1	m_e		
NOTT	3.19	55.7	Pg	19:45:07.579	-0.9	---		m_e		
NOTT	3.19	55.7	Sg	19:45:47.553	-2.2	---		m_e		
WET	3.37	69.9	Pn	19:44:59.791	0.0	---	3.7	m_e		
WET	3.37	69.9	Pg	19:45:10.883	-1.0	---		m_e		
WET	3.37	69.9	Sg	19:45:55.056	-0.4	---	5.5	m_e		
BUG	3.39	351.9	Sg	19:45:55.530	-0.6	---	2.9	m_e		
MOX	3.46	41.0	Pn	19:44:59.365	-1.6	---	7.7	m_e		
MOX	3.46	41.0	Pg	19:45:13.259	-0.3	---		m_e		
MOX	3.46	41.0	Sg	19:45:58.078	-0.3	---	3.7	m_e		

GUNZ	3.61	49.3	Pg	19:45:14.893	-1.5	---												m_e
GUNZ	3.61	49.3	Sg	19:46:01.931	-1.2	---					4.7							m_e
WERD	3.65	48.1	Pn	19:45:02.006	-1.6	---					2.3							m_e
WERD	3.65	48.1	Pg	19:45:15.661	-1.5	---												m_e
TANN	3.71	49.4	Pg	19:45:17.636	-0.6	---												m_e
TANN	3.71	49.4	Sg	19:46:05.260	-1.0	---					3.1							m_e
GEC2	3.83	76.4	Pn	19:45:06.024	0.0	---					8.2							m_e
GEC2	3.83	76.4	Sg	19:46:09.433	-0.6	---					4.9							m_e
NEUB	3.95	36.4	Pg	19:45:22.167	-0.6	---												m_e
NEUB	3.95	36.4	Sg	19:46:14.240	0.4	---					2.9							m_e
CLZ	4.05	20.9	Pg	19:45:24.589	-0.0	---												m_e
CLL	4.55	43.0	Pn	19:45:13.634	-2.1	---					3.3							m_e ML 3.5
CLL	4.55	43.0	Pg	19:45:33.640	-0.4	---												m_e
CLL	4.55	43.0	Sg	19:46:32.522	-0.3	---					2.6							m_e
BRG	4.74	51.8	Pg	19:45:36.585	-1.1	---												m_e
BRG	4.74	51.8	Sg	19:46:37.035	-2.0	---					2.8							m_e

Event 50514001 Balingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/14	01:10:03.50			48.4000	9.0000				10.0							m i uk	SED	50514031
2005/05/14	01:10:03.90			48.3995	8.9736				8.5		39	12				m i ke	LDG	50514021
2005/05/14	01:10:03.52			48.4050	9.0130				5.0f		18	10	162	0.38	3.88	m i ke	BGR	50514011
2005/05/14	01:10:03.48			48.3930	8.9930				13.0		20	7	072	0.14	1.86	m i ke	LED	50514001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		SED	50514031
ML	2.5		LDG	50514021
ML	1.7	0.9	4 BGR	50514011
ML	1.8		LED	50514001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TUBL	0.14	24.7	Pg	01:10:07.450	0.5					T__				m__ ML	2.3
TUBL	0.14	24.7	Sg	01:10:09.830	0.5					T__				m__	
BUCH	0.25	76.5	Pg	01:10:08.960	0.4					T__				mci ML	1.6
BUCH	0.25	76.5	Sg	01:10:12.690	0.6					T__				m_i	
LBG	0.30	334.3	Pg	01:10:09.940	0.4					T__				mdi ML	1.7
LBG	0.30	334.3	S*	01:10:15.330						T__				m__	
LBG	0.30	334.3	Sg	01:10:14.240	0.5					T__				m_i	
SPAK	0.32	205.5	P*	01:10:10.610						T__				m__	
SPAK	0.32	205.5	Pg	01:10:10.250	0.3					T__				m__	
SPAK	0.32	205.5	Sg	01:10:14.450	0.1					T__				m__	
GUT	0.33	165.8	P*	01:10:10.700						T__				m__ ML	1.7
GUT	0.33	165.8	Pg	01:10:10.290	0.2					T__				mdi	
GUT	0.33	165.8	Sg	01:10:14.830	0.2					T__				m__	
STU	0.40	19.3	Pg	01:10:11.684	0.3					---				m_e ML	1.7
STU	0.40	19.3	Sg	01:10:16.822	0.1					---	6.0			m_e	
BFO	0.45	262.1	Pg	01:10:12.410	0.3					T__				mci ML	1.7
BFO	0.45	262.1	PmP	01:10:13.680	-1.4					T__				m__	
BFO	0.45	262.1	Sg	01:10:18.420	0.3					T__				m_i	
BFO	0.45	262.1	SmS	01:10:20.760	-2.2					T__				m__	

SISB	0.71	181.6	Pg	01:10:17.220	0.2	T__								mdi	ML	2.2
SISB	0.71	181.6	Sg	01:10:26.800	0.6	T__								m__		
SISB	0.71	181.6	SmS	01:10:28.510	-1.1	T__								m__		
HDH	0.83	76.2	Pn	01:10:19.410	-0.8	---								mce	ML	1.8
HDH	0.83	76.2	Sn	01:10:30.980	-1.0	---								m__		
FELD	0.84	232.3	Pn	01:10:19.410	-1.0	---								m__		
KIZ	0.84	239.0	Pn	01:10:19.310	-1.1	---								m_e	ML	2.3
KIZ	0.84	239.0	Sn	01:10:29.980	-2.3	---								m__		
UBR	1.03	133.3	Pg	01:10:23.620	0.6	---								m_e	ML	2.3
UBR	1.03	133.3	Sg	01:10:37.730	1.3	---								m__		
SIND	1.04	22.6	Pg	01:10:23.310	0.2	---								m__	ML	2.1
SIND	1.04	22.6	Sg	01:10:36.400	-0.2	---								m__		
SWS	1.11	350.1	Pg	01:10:25.040	0.6	---								m__	ML	2.0
FUR	1.54	97.8	Pg	01:10:32.870	0.4	---								m_e	ML	2.1
FUR	1.54	97.8	Sg	01:10:52.101	-0.3	---			4.8					m_e		
TNS	1.86	349.2	Pg	01:10:37.670	-1.0	---								m__	ML	1.8
TNS	1.86	349.2	Sg	01:11:02.041	-0.8	---			1.9					m_e		
GRA1	1.95	47.5	Pg	01:10:40.266	-0.1	---								m_e	ML	2.1
GRA1	1.95	47.5	Sg	01:11:05.981	0.3	---								m_e		
WLF	2.25	305.4	Sg	01:11:14.088	-1.1	---			1.4					m_e		
UBBA	2.51	14.7	Sg	01:11:20.593	-2.8	---			2.4					m_e		
WET	2.67	72.2	Pg	01:10:53.558	-0.3	---								m_e		
WET	2.67	72.2	Sg	01:11:27.599	-0.7	---			2.7					m_e		
MOX	2.82	36.1	Sg	01:11:31.313	-1.9	---			3.0					m_e		
GUNZ	2.93	46.5	Pg	01:10:58.978	0.2	---								m_e		
GUNZ	2.93	46.5	Sg	01:11:35.963	-0.8	---			3.5					m_e		
WERD	2.98	45.1	Pg	01:10:59.802	0.2	---								m_e		
WERD	2.98	45.1	Sg	01:11:35.595	-2.5	---			2.9					m_e		
TANN	3.03	46.8	Pg	01:11:00.271	-0.3	---								m_e		
TANN	3.03	46.8	Sg	01:11:38.643	-1.2	---			2.4					m_e		
GEC2	3.14	80.0	Pn	01:10:52.897	1.2	---			1.3					m_e	ML	3.3
GEC2	3.14	80.0	Pg	01:11:01.874	-0.9	---			1.0					m_e		
CLL	3.89	40.1	Sg	01:12:03.864	-3.4	---			1.2					m_e		

Event 50514002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/14	08:51:47.50			49.3357	6.7822				1.0f		20	10				m i s i	LDG	50514012
2005/05/14	08:51:47.99			49.3250	6.8250				1.0f		25	14	101	0.41	1.97	m i k i	BGR	50514002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	50514012
ML	2.0	0.1	2 BGR	50514002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.41	21.9	Pg	08:51:55.208	-0.4					T__	4.7			m_e	
RUP	0.41	21.9	Sg	08:52:01.499	0.6					T__	3.8			m_e	
WLF	0.55	308.1	Pg	08:51:58.307	-0.1					T__	3.3			m_e	
WLF	0.55	308.1	Sg	08:52:06.544	1.0					T__	4.3			m_e	
ABH	0.73	39.8	Pg	08:52:00.926	-0.8					T__	2.7			m_e	
ABH	0.73	39.8	Sg	08:52:11.812	0.7					T__	2.6			m_e	

LANF	0.73	117.9	Pg	08:52:01.162	-0.5	T__	2.9	m_e		
KTD	0.82	89.9	Pg	08:52:03.598	0.1	T__	4.1	m_e		
KTD	0.82	89.9	Sg	08:52:15.460	1.4	T__	3.9	m_e		
WLS	0.98	158.9	Pg	08:52:06.556	0.2	T__	7.9	m_e		
WLS	0.98	158.9	Sg	08:52:20.301	1.3	T__	5.3	m_e		
ECH	1.13	168.7	Pg	08:52:09.297	-0.0	T__	9.8	m_e		
ECH	1.13	168.7	Sg	08:52:24.202	0.3	T__	9.1	m_e		
THEF	1.23	206.8	Pg	08:52:10.420	-0.7	T__	14.7	m_e		
THEF	1.23	206.8	Sg	08:52:27.028	0.1	T__	4.9	m_e		
TOD	1.32	76.9	Pg	08:52:11.867	-0.9	T__	3.7	m_e		
TOD	1.32	76.9	Sg	08:52:29.986	0.2	T__	3.4	m_e		
TNS	1.38	48.8	Pg	08:52:13.440	-0.5	T__	2.8	m_e	ML	2.0
TNS	1.38	48.8	Sg	08:52:31.778	-0.0	T__	3.3	m_e		
BFO	1.40	134.6	Pg	08:52:14.518	0.1	T__	3.4	m_e	ML	1.9
BFO	1.40	134.6	Sg	08:52:32.611	0.0	T__	7.8	m_e		
MOF	1.49	172.0	Pg	08:52:15.828	-0.2	T__	10.2	m_e		
MOF	1.49	172.0	Sg	08:52:35.458	0.2	T__	8.7	m_e		
FELD	1.65	151.3	Sg	08:52:39.599	-0.7	T__	2.7	m_e		
LOMF	1.97	180.0	Pg	08:52:25.203	0.0	T__	1.9	m_e		

Event 50515001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/15	13:46:47.70			49.4050	6.8740				1.0f		13	7	323	0.86	1.80	m i ki	BENS	50515031
2005/05/15	13:46:46.90			49.3832	6.8519				1.0f		107	33				m i si	LDG	50515021
2005/05/15	13:46:47.20			49.3800	6.8700				1.0f		22	16	173	0.34	2.74	m i ke	LED	50515011
2005/05/15	13:46:46.88			49.3750	6.9070				5.0f		40	17	163	0.57	4.75	m i ki	BGR	50515001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2		BENS	50515031
ML	3.8		LDG	50515021
ML	3.3		LED	50515011
ML	3.5	0.4	17 BGR	50515001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.34	16.8	Pg	13:46:54.100	0.7									mce	
WLF	0.57	300.9	Pg	13:46:57.371	-0.3					T__	71.9			m_e	ML 3.2
WLF	0.57	300.9	Sg	13:47:04.507	-0.5					T__				m_e	
ABH	0.65	39.1	Pg	13:46:59.670	0.4									mce	
LANF	0.71	123.5	Pg	13:47:00.980	0.7									m__	
KTD	0.77	93.6	Pg	13:47:03.730	2.3									m__	
BGG	0.88	18.3	Pg	13:47:03.860	0.4									mde	
BGG	0.88	18.3	Sg	13:47:15.730	1.0							405.1	0.90	m_e	
HIL	0.93	351.0	Pg	13:47:04.960	0.5									m_e	
HIL	0.93	351.0	Sg	13:47:17.430	1.0							760.9	0.70	m_i	
WLS	1.01	162.9	Pn	13:47:06.100	-0.9									m__	
WLS	1.01	162.9	Pg	13:47:07.230	1.4									m__	
ECH	1.17	171.8	Pn	13:47:08.910	-0.3									mde	
SWS	1.17	84.0	Pg	13:47:10.240	1.3									m__	ML 3.4
STB	1.22	358.0	Pg	13:47:09.250	-0.6									m_e	
STB	1.22	358.0	Sg	13:47:25.130	-0.5							213.8	0.90	m_e	

TOD	1.25	78.7	Pg	13:47:11.340	0.8	---	---	---	m_	---	---
TOD	1.25	78.7	Sg	13:47:30.020	3.3	---	---	---	m_	---	---
THEF	1.30	208.0	Pn	13:47:10.640	-0.3	---	---	---	mde	---	---
TNS	1.31	49.0	Pg	13:47:11.315	-0.2	T_	51.2	---	m_e	ML	3.4
TNS	1.31	49.0	Sg	13:47:30.054	1.7	T_	---	---	m_e	---	---
LIBD	1.31	159.2	Pg	13:47:12.950	1.4	---	---	---	m_e	---	---
KLL	1.33	343.5	Pg	13:47:10.840	-1.1	---	---	---	m_e	---	---
KLL	1.33	343.5	Sg	13:47:28.680	-0.4	---	---	196.1	0.70	m_i	---
BFO	1.40	137.6	Pn	13:47:12.420	0.0	---	---	---	mde	ML	3.0
BFO	1.40	137.6	Pg	13:47:12.793	-0.5	T_	57.7	---	m_e	---	---
BFO	1.40	137.6	Sg	13:47:31.406	-0.1	T_	---	---	m_e	---	---
LBG	1.43	119.1	Pg	13:47:14.880	1.1	---	---	---	m_	ML	3.3
MOF	1.53	174.3	Pn	13:47:14.100	-0.0	---	---	---	m_	---	---
MOF	1.53	174.3	Pg	13:47:16.180	0.4	---	---	---	m_	---	---
KIZ	1.57	154.4	Pn	13:47:14.320	-0.3	---	---	---	m_	ML	3.3
KIZ	1.57	154.4	Pg	13:47:16.820	0.4	---	---	---	m_	---	---
KIZ	1.57	154.4	Sg	13:47:37.410	0.7	---	---	---	m_	---	---
BNS	1.60	6.1	Pg	13:47:16.530	-0.5	---	---	---	m_e	---	---
BNS	1.60	6.1	Sg	13:47:36.330	-1.3	---	---	542.5	0.60	m_e	---
STU	1.61	111.1	Pn	13:47:15.810	0.6	T_	3.4	---	m_e	ML	3.2
STU	1.61	111.1	Sg	13:47:37.464	-0.7	T_	---	---	m_e	---	---
HOB	1.63	9.5	Pg	13:47:17.390	-0.2	---	---	---	m_e	---	---
HOB	1.63	9.5	Sg	13:47:37.840	-0.9	---	---	605.5	0.90	m_i	---
TUBL	1.66	120.0	Pg	13:47:19.440	1.2	---	---	---	m_	ML	3.4
FELD	1.66	153.8	Pn	13:47:16.190	0.3	---	---	---	m_	---	---
FELD	1.66	153.8	Pg	13:47:18.890	0.6	---	---	---	m_	---	---
SIND	1.76	89.8	Pn	13:47:17.620	0.4	---	---	---	m_	ML	3.3
SPAK	1.78	135.1	Pg	13:47:21.510	1.1	---	---	---	m_	---	---
ROD	1.83	345.6	Sg	13:47:43.250	-1.8	---	---	643.1	0.70	m_e	---
BUCH	1.85	119.0	Pn	13:47:19.060	0.6	---	---	---	m_	ML	3.3
BBS	1.95	168.0	Pn	13:47:20.920	1.1	---	---	---	m_	---	---
GUT	1.96	131.0	Pn	13:47:20.750	0.9	---	---	---	m_	ML	3.3
LOMF	2.02	181.5	Pn	13:47:20.830	0.0	---	---	---	m_	---	---
BUG	2.08	6.2	Pn	13:47:21.845	0.3	T_	2.6	---	m_e	ML	3.3
BUG	2.08	6.2	Pg	13:47:25.475	-0.6	T_	6.9	---	m_e	---	---
BUG	2.08	6.2	Sg	13:47:52.726	-0.2	T_	---	---	m_e	---	---
SISB	2.17	140.3	Pg	13:47:29.200	1.4	---	---	---	m_	ML	3.3
HDH	2.31	108.8	Pn	13:47:24.990	0.4	---	---	---	m_	ML	3.3
UBBA	2.45	52.8	Pn	13:47:26.487	-0.1	T_	2.2	---	m_e	ML	3.1
UBBA	2.45	52.8	Pg	13:47:32.392	-0.7	T_	3.6	---	m_e	---	---
UBBA	2.45	52.8	Sg	13:48:05.083	0.2	T_	---	---	m_e	---	---
UBR	2.71	127.4	Pn	13:47:33.070	2.9	---	---	---	m_	ML	3.3
IBBN	2.98	10.1	Pn	13:47:34.608	0.8	T_	2.1	---	m_e	ML	3.7
IBBN	2.98	10.1	Pg	13:47:41.917	-1.1	T_	3.8	---	m_e	---	---
IBBN	2.98	10.1	Sg	13:48:22.429	0.8	T_	---	---	m_e	---	---
FUR	3.12	111.2	Sg	13:48:25.731	-0.4	T_	---	---	m_e	ML	3.8
MOX	3.28	65.4	Pn	13:47:39.579	1.7	T_	3.1	---	m_e	ML	3.4
MOX	3.28	65.4	Pg	13:47:49.400	0.7	---	---	---	m_e	---	---
MOX	3.28	65.4	Sn	13:48:18.400	3.8	---	---	---	m_e	---	---
MOX	3.28	65.4	Sg	13:48:31.863	0.7	T_	---	---	m_e	---	---
CLZ	3.30	40.4	Pn	13:47:38.330	0.2	T_	4.4	---	m_e	ML	3.6
CLZ	3.30	40.4	Pg	13:47:48.926	-0.2	T_	2.3	---	m_e	---	---
CLZ	3.30	40.4	Sg	13:48:30.371	-1.5	T_	---	---	m_e	---	---
NEUB	3.61	57.6	Sg	13:48:42.601	1.1	T_	---	---	m_e	---	---

GUNZ	3.63	72.2	Pn	13:47:43.775	1.2	T__	3.2	m_e	ML	3.7
GUNZ	3.63	72.2	Pg	13:47:55.073	-0.3	T__	2.6	m_e		
GUNZ	3.63	72.2	Sg	13:48:40.787	-1.5	T__		m_e		
WERD	3.64	70.8	Pn	13:47:38.783	-3.9	T__	1.5	m_e		
TANN	3.73	71.7	Pn	13:47:44.439	0.6	T__	2.1	m_e	ML	2.9
TANN	3.73	71.7	Pg	13:47:56.610	-0.5	T__	4.1	m_e		
TANN	3.73	71.7	Sg	13:48:44.733	-0.5	T__		m_e		
WET	3.90	91.1	Pn	13:47:46.672	0.4	T__	2.6	m_e	ML	2.5
WET	3.90	91.1	Sn	13:48:30.210	1.0	T__		m_e		
WET	3.90	91.1	Sg	13:48:50.858	-0.0	T__		m_e		
CLL	4.34	61.3	Pg	13:48:08.000	-0.7	---		m_e	ML	3.3
CLL	4.34	61.3	Sg	13:49:07.500	2.7	---		m_i		
GEC2	4.48	94.2	Pn	13:47:56.810	2.7	T__	17.1	m_e	ML	3.6
GEC2	4.48	94.2	Sn	13:48:43.698	1.0	T__		m_e		
GEC2	4.48	94.2	Sg	13:49:09.838	0.7	T__		m_e		
BRG	4.75	68.9	Pn	13:47:58.812	1.0	T__	1.1	m_e	ML	3.6
BRG	4.75	68.9	Pg	13:48:16.512	0.1	T__	3.2	m_e		
BRG	4.75	68.9	Sg	13:49:17.496	-0.3	T__		m_e		

Event 926926 Thionville/F, Mosel Valley

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/16	21:05:35.50			49.2195	6.2434				2.0f		13	8				m i si	LDG	926956

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	926956

Event 50517004 Essen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/17	21:43:15.90			51.6583	7.5572				1.0f		24	16				m i si	LDG	50517034
2005/05/17	21:43:17.70			51.6940	6.9740				1.0f		10	5	320	0.74	1.50	m i ki	BENS	50517024
2005/05/17	21:43:19.40			51.6240	7.0210				1.0f		11	6	119	0.24	2.09	m i ki	BGR	50517014
2005/05/17	21:43:19.00			51.5880	7.0430				1.0f							m i ki	BUG	50517004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	50517034
ML	1.7		BENS	50517024
ML	1.7	0.3	3 BGR	50517014
ML	1.0		BUG	50517004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.20	136.2	Pg	21:43:23.900	1.1					TA_				mdi	ML 1.0
BUG	0.20	136.2	Sg	21:43:27.600	2.1					TA_				m_	
WTSB	0.41	338.3	Pg	21:43:25.976	-0.7					---	9.2			m_e	
WTSB	0.41	338.3	Sg	21:43:30.649	-1.3					---	4.0			m_e	
BNS	0.63	172.3	Pg	21:43:31.520	0.6					---				m_e	
BNS	0.63	172.3	Sg	21:43:43.650	4.6					---				m_e	

HOB	0.63	163.1	Pg	21:43:31.710	0.8	---													m_e
HOB	0.63	163.1	Sg	21:43:42.680	3.6	---													m_e
STB	1.00	187.4	Pg	21:43:38.730	0.8	---													m_e
STB	1.00	187.4	Sg	21:43:53.400	2.6	---													m_e
KLL	1.05	206.3	Pg	21:43:38.800	0.1	---													m_e
KLL	1.05	206.3	Sg	21:43:54.280	2.0	---													m_e
HGN	1.08	220.6	Pg	21:43:39.302	-0.0	---					18.3								m_e
HGN	1.08	220.6	Sg	21:43:54.580	1.3	---					7.6								m_e
WIT	1.25	349.6	Sg	21:43:59.224	0.6	---					1.9								m_e
BGG	1.39	172.3	Pg	21:43:44.640	-0.6	---													m_e
BGG	1.39	172.3	Sg	21:44:03.380	0.1	---													m_e
TNS	1.63	146.5	Pg	21:43:49.353	-0.3	---					1.5								m_e ML 1.8
TNS	1.63	146.5	Sg	21:44:12.888	2.2	---					3.3								m_e
CLZ	2.08	81.7	Pg	21:43:58.099	-0.1	---					1.6								m_e ML 1.9
CLZ	2.08	81.7	Sg	21:44:25.597	0.6	---					2.1								m_e

Event 50518003 Saecingen, NE of Liestal/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/18	13:21:58.20			47.6000	7.8000				13.0							m i uk	SED	50518033
2005/05/18	13:21:58.50			47.5964	7.7649				10.0		18	8				m i ke	LDG	50518023
2005/05/18	13:21:58.53			47.6040	7.7810				10.0f		21	12	124	0.23	1.35	m i ke	BGR	50518013
2005/05/18	13:21:58.60			47.6000	7.7800				10.0f		14	10	171	0.23	1.35	m i ke	LED	50518003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		SED	50518033
ML	2.4		LDG	50518023
ML	1.3	1	BGR	50518013
ML	1.9		LED	50518003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BBS	0.23	233.5	Pg	13:22:03.380	0.2					T_					mci
SULZ	0.24	107.5	Pg	13:22:03.272	-0.1						2.7				m_e
SULZ	0.24	107.5	Sg	13:22:06.649	0.0						14.6				m_e
FELD	0.31	28.5	Pg	13:22:04.970	0.2					T_					mci
FELD	0.31	28.5	Sg	13:22:09.570	0.6					T_					m_i
KIZ	0.37	14.6	Pg	13:22:05.780	0.0					T_					mci ML 1.9
KIZ	0.37	14.6	Sg	13:22:10.930	0.3					T_					m_i
BOURR	0.42	241.3	Pg	13:22:07.010	0.2						5.4				m_e
BOURR	0.42	241.3	Sg	13:22:12.022	-0.3						5.7				m_e
MOF	0.50	300.3	Pg	13:22:08.530	0.3					T_					m_
SLE	0.51	70.6	Pg	13:22:08.169	-0.2						9.7				m_e
SLE	0.51	70.6	Sg	13:22:14.822	-0.2						7.2				m_e
LOMF	0.69	249.2	Pg	13:22:11.759	0.0						3.4				m_e
LOMF	0.69	249.2	Sg	13:22:21.081	0.4						2.7				m_e
ECH	0.74	326.1	Pg	13:22:12.305	-0.4						1.7				m_e
ECH	0.74	326.1	Sg	13:22:22.720	0.3					T_					m_
WILA	0.78	103.3	Pg	13:22:13.408	-0.1						1.9				m_e
WILA	0.78	103.3	Sg	13:22:23.568	-0.1						7.7				m_e
BFO	0.82	26.5	Pg	13:22:13.720	-0.4						2.8				m_e ML 1.3
BFO	0.82	26.5	Sg	13:22:24.251	-0.5						5.0				m_e

SPAK	0.84	53.0	Pg	13:22:13.820	-0.7	T__	m__
WLS	0.86	340.8	Pg	13:22:15.090	0.2	T__	m__
WLS	0.86	340.8	Sg	13:22:26.780	0.7	T__	m__
GUT	1.01	61.8	Pg	13:22:17.280	-0.5	T__	m__ ML 1.9
LIENZ	1.20	104.1	Sg	13:22:36.774	-0.0	___	m_e 2.1
THEF	1.35	298.3	Sg	13:22:41.800	0.2	T__	m__
BUCH	1.35	50.5	Pg	13:22:23.460	-0.7	T__	m__ ML 2.1
BUCH	1.35	50.5	Sg	13:22:41.060	-0.6	T__	m__

Event 50518002 Muellheim/Upper Rhine Graben, NE of Mulhouse/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/18	15:34:10.20			47.9000	7.6000				11.0							m i uk	SED	50518032
2005/05/18	15:34:10.40			47.9281	7.6034				10.0		24	9				m i ke	LDG	50518022
2005/05/18	15:34:11.48			47.9380	7.5420				10.0f		12	7	166	0.22	1.07	m i ke	BGR	50518012
2005/05/18	15:34:10.30			47.9000	7.6100				6.0		13	9	093	0.21	1.13	m i ke	LED	50518002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		SED	50518032
ML	2.4		LDG	50518022
ML	1.1	1	BGR	50518012
ML	1.5		LED	50518002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KIZ	0.21	74.7	Pg	15:34:14.640	0.2					T__				mde ML	1.5
KIZ	0.21	74.7	Sg	15:34:17.820	0.5					T__				m_i	
LIBD	0.25	358.9	Pg	15:34:15.540	0.4					T__				mce	
LIBD	0.25	358.9	Sg	15:34:19.200	0.8					T__				m_e	
FELD	0.27	95.0	Pg	15:34:15.680	0.3					T__				mci	
MOF	0.32	261.6	Pg	15:34:16.930	0.4					T__				mce	
MOF	0.32	261.6	Sg	15:34:21.428	0.7					___	3.9			m_e	
ECH	0.44	316.5	Pg	15:34:18.510	-0.1					T__				mci	
BBS	0.44	188.9	Pg	15:34:19.290	0.6					___				m__	
WLS	0.54	341.7	Pg	15:34:20.690	0.2					T__				mdi	
WLS	0.54	341.7	PmP	15:34:22.570	-1.4					T__				m_i	
BFO	0.64	47.9	Pg	15:34:23.765	1.3					___	4.1			m_e ML	1.1
BFO	0.64	47.9	Sg	15:34:33.135	2.3					___	6.9			m_e	
LOMF	0.76	224.1	Pg	15:34:25.813	1.1					___	2.6			m_e	
LOMF	0.76	224.1	Sg	15:34:35.977	1.4					___	4.5			m_e	
GUT	1.02	79.8	Pg	15:34:30.180	0.6					T__				m__ ML	1.9
GUT	1.02	79.8	Sg	15:34:44.050	1.2					T__				m__	
LBG	1.10	45.5	Sg	15:34:45.700	0.5					T__				m__ ML	1.7
THEF	1.13	287.5	Pg	15:34:31.620	0.0					T__				m_e	
THEF	1.13	287.5	Sg	15:34:46.288	0.1					___	3.6			m_e	

Event 50519315 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/19	17:16:31.50			45.9370	8.1030				10.0f		8	3	337	2.40	4.29	m i ke	BGR	50519315

Magnitude Err Nsta Author
ML 3.2 BGR

OrigID
50519315

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	2.40	3.6	Pn	17:17:08.365	-1.5					T__				m_e	ML 2.9
BFO	2.40	3.6	Sn	17:17:37.588	0.1					T__				m_e	
BFO	2.40	3.6	Sg	17:17:45.569	-2.2					T__				m_e	
WLF	3.95	341.4	Pn	17:17:32.311	1.4					T__				m_e	ML 3.4
WLF	3.95	341.4	Sg	17:18:35.511	-1.5					T__				m_e	
TNS	4.29	2.9	Pn	17:17:35.014	-0.6					T__				m_e	ML 3.3
TNS	4.29	2.9	Sn	17:18:24.055	2.1					T__				m_e	
TNS	4.29	2.9	Sg	17:18:48.640	0.8					T__				m_e	

Event 50520001 Aachen, Dutch-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/20	07:38:18.40			50.6353	6.2203				6.1		75	22					m i ke LDG	50520021
2005/05/20	07:38:17.69			50.6500	6.2680				10.0f		24	13	113	0.24	2.83	m i ke	BGR	50520011
2005/05/20	07:38:18.70			50.6820	6.2570				10.3		18	11	208	0.05	0.84	m i ke	BENS	50520001

(#PRIME)

Magnitude Err Nsta Author
ML 3.0 LDG
ML 2.4 0.3 4 BGR
ML 2.4 BENS

OrigID
50520021
50520011
50520001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.05	135.1	Pg	07:38:20.520	-0.2					T__				mdi	
KLL	0.05	135.1	Sg	07:38:22.020	-0.0					T__		3154.9	0.10	m_i	
HGN	0.22	291.8	Pg	07:38:22.540	-0.7					___	34.5			m_e	
HGN	0.22	291.8	Sg	07:38:25.580	-0.8					___	11.1			m_e	
JUE	0.25	22.5	Pg	07:38:24.100	0.4					T__				mci	
FUN	0.25	37.4	Pg	07:38:24.420	0.6					T__				mci	
HMB	0.29	29.2	Pg	07:38:24.990	0.5					T__				mci	
STB	0.38	103.2	Pg	07:38:26.090	0.0					T__				mce	
STB	0.38	103.2	Sg	07:38:31.240	0.1					T__		134.4	0.10	m_i	
PES	0.39	18.6	Pg	07:38:26.510	0.2					T__				mce	
BOR	0.41	15.2	Pg	07:38:27.040	0.3					T__				m_i	
ROD	0.47	354.1	Pg	07:38:27.610	-0.0					T__				mci	
ROD	0.47	354.1	Sg	07:38:34.690	0.9					T__		336.0	0.90	m_i	
HIL	0.47	145.2	Pg	07:38:27.590	-0.2					T__				mci	
HIL	0.47	145.2	Sg	07:38:33.690	-0.3					T__		251.5	0.40	m_i	
BNS	0.65	63.8	Sg	07:38:40.850	1.4					T__				m_e	
HOB	0.74	65.7	Pg	07:38:32.690	-0.1					T__				mce	
HOB	0.74	65.7	Sg	07:38:43.380	0.9					T__		148.4	0.40	m_e	
BGG	0.84	124.3	Pg	07:38:34.520	-0.0					T__				mdi	
BGG	0.84	124.3	Sg	07:38:46.470	1.1					T__		71.4	0.20	m_i	
BUG	0.99	39.6	Pg	07:38:36.716	-0.7					___	3.0			m_e	ML 2.5
BUG	0.99	39.6	Sg	07:38:50.135	-0.2					___	4.6			m_e	
WLF	1.02	183.8	Pg	07:38:37.187	-0.8					___	4.1			m_e	ML 2.5
WLF	1.02	183.8	Sg	07:38:49.978	-1.2					___	6.7			m_e	

RUP	1.11	152.0	Pg	07:38:38.858	-0.8	---	9.2	m_e		
RUP	1.11	152.0	Sg	07:38:52.089	-1.9	---	3.1	m_e		
ABH	1.15	133.6	(Pg)	07:38:40.822	0.4	---	4.2	m_e		
ABH	1.15	133.6	(Sg)	07:38:55.174	-0.1	---	2.5	m_e		
WTSB	1.33	14.6	Pg	07:38:43.573	-0.2	---	4.5	m_e		
WTSB	1.33	14.6	Sg	07:39:00.662	-0.3	---	4.7	m_e		
TNS	1.47	107.4	Pg	07:38:45.231	-1.2	---	3.6	m_e	ML	2.0
TNS	1.47	107.4	Sg	07:39:04.623	-0.8	---	5.7	m_e		
IBBN	1.88	29.3	Sg	07:39:19.140	0.8	---		m_e	ML	2.7
TOD	1.95	122.4	Sg	07:39:18.535	-2.3	---	2.1	m_e		
UBBA	2.37	85.2	Pn	07:38:55.793	-0.9	---	0.7	m_e		
UBBA	2.37	85.2	Pg	07:39:02.592	-0.9	---	2.1	m_e		
WLS	2.38	162.2	Sg	07:39:31.769	-2.5	---	2.4	m_e		
THEF	2.46	184.1	Pn	07:38:57.333	-0.6	---	1.4	m_e		
THEF	2.46	184.1	Pg	07:39:02.960	-2.1	---	11.4	m_e		
THEF	2.46	184.1	Sn	07:39:23.743	-2.3	---	1.3	m_e		
ECH	2.53	166.3	Pg	07:39:04.665	-1.8	---	2.0	m_e		
ECH	2.53	166.3	Sg	07:39:35.303	-4.0	---	2.6	m_e		
BFO	2.71	149.4	Sg	07:39:43.658	-1.2	---	1.6	m_e		
CLZ	2.82	64.2	Pg	07:39:10.798	-1.1	---	3.2	m_e	ML	2.6
CLZ	2.82	64.2	Sg	07:39:47.575	-0.9	---	2.1	m_e		

Event 50521003 Essen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/21	09:57:24.70			51.6343	6.9621				1.0f		24	13				m i si	LDG	50521033
2005/05/21	09:57:24.90			51.6390	6.9650				1.0f		8	4	317	0.69	1.45	m i ki	BENS	50521023
2005/05/21	09:57:23.21			51.6760	6.9390				1.0f		5	3	297	0.31	2.13	m i ki	BGR	50521013
2005/05/21	09:57:24.90			51.5900	7.0430				1.0f							m i ki	BUG	50521003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	50521033
ML	2.0		BENS	50521023
ML	2.1	0.1	2 BGR	50521013
ML	1.3		BUG	50521003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.21	136.6	Pg	09:57:29.900	1.1					TA_				mdi	ML 1.3
BUG	0.21	136.6	Sg	09:57:33.600	2.2					TA_				m_	
HOB	0.63	163.2	Pg	09:57:37.760	0.9									m_e	
HOB	0.63	163.2	Sg	09:57:47.770	2.8							71.7	1.20	m_e	
STB	1.00	187.4	Pg	09:57:44.750	0.9									m_e	
STB	1.00	187.4	Sg	09:57:59.340	2.5							29.8	0.40	m_e	
KLL	1.05	206.2	Pg	09:57:44.880	0.2									m_e	
KLL	1.05	206.2	Sg	09:57:59.710	1.5									m_e	
BGG	1.40	172.3	Pg	09:57:50.890	-0.3									m_e	
BGG	1.40	172.3	Sg	09:58:10.970	1.7							32.0	0.70	m_e	
TNS	1.63	146.5	Pg	09:57:55.369	-0.2						2.8			m_e	ML 2.2
TNS	1.63	146.5	Sg	09:58:18.153	1.5						2.8			m_e	
CLZ	2.08	81.7	Sg	09:58:31.040	0.1						2.3			m_e	

Event 50521307 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/21	18:31:41.45			49.7610	18.1610				1.0f		14	10	316	2.91	4.48	m i ki	BGR	50521327

Magnitude	Err	Nsta	Author	OrigID
ML	3.2		BGR	50521327

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	2.91	294.1	Pg	18:32:34.135	-2.2					T__				m_e	ML 2.9
BRG	2.91	294.1	Sg	18:33:15.751	1.7					T__				m_e	
GEC2	3.05	254.2	Pn	18:32:30.209	0.5					T__				m_e	ML 3.4
GEC2	3.05	254.2	Sg	18:33:18.899	0.6					T__				m_e	
FBE	3.28	292.6	Sg	18:33:25.820	0.2					T__				m_e	ML 3.4
CLL	3.62	297.2	Pg	18:32:48.627	-1.1					T__				m_e	ML 3.3
TANN	3.71	282.3	Pn	18:32:39.110	0.4					T__				m_e	ML 3.2
GUNZ	3.79	281.4	Pn	18:32:39.949	0.2					T__				m_e	ML 3.3
GUNZ	3.79	281.4	Sg	18:33:43.215	1.4					T__				m_e	
WERD	3.82	282.6	Pn	18:32:40.611	0.5					T__				m_e	ML 3.1
WERD	3.82	282.6	Sg	18:33:42.650	-0.0					T__				m_e	
NOTT	3.90	273.0	Pn	18:32:41.334	0.1					T__				m_e	ML 3.3
MOX	4.28	284.4	Pn	18:32:46.822	0.4					T__				m_e	ML 3.3
GRA1	4.48	271.8	Sg	18:34:04.175	0.3					T__				m_e	

Event 50524006 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/24	11:52:47.60			49.3834	6.9286				1.0f		15	8				m i si	LDG	50524016
2005/05/24	11:52:47.62			49.3800	6.8900				1.0f		19	12	093	0.34	1.67	m i ki	BGR	50524006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		LDG	50524016
ML	2.0	0.2	2 BGR	50524006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.34	18.8	Pg	11:52:54.402	0.4					T__	7.9			m_e	
WLF	0.56	301.0	Pg	11:52:58.868	0.8					T__	2.8			m_e	
WLF	0.56	301.0	Sg	11:53:05.426	0.1					T__	2.4			m_e	
LANF	0.72	123.4	Pg	11:53:01.059	-0.1					T__	2.9			m_e	
KTD	0.78	93.9	Pg	11:53:02.987	0.7					T__	5.8			m_e	
WLS	1.01	162.3	Pg	11:53:07.084	0.4					T__	7.4			m_e	
WLS	1.01	162.3	Sg	11:53:19.956	0.1					T__	1.0			m_e	
ECH	1.18	171.3	Pg	11:53:10.210	0.4					T__	4.3			m_e	
ECH	1.18	171.3	Sg	11:53:25.339	0.3					T__	5.4			m_e	
TOD	1.26	79.0	Pg	11:53:10.602	-0.8					T__	6.5			m_e	
TOD	1.26	79.0	Sg	11:53:28.428	0.7					T__	3.3			m_e	
THEF	1.29	207.5	Pg	11:53:11.627	-0.4					T__	5.8			m_e	
THEF	1.29	207.5	Sg	11:53:28.791	0.1					T__	2.3			m_e	
TNS	1.31	49.4	Pg	11:53:12.424	0.1					T__				m_e	ML 2.2

TNS	1.31	49.4	Sg	11:53:30.571	1.3	T__													m_e	
BFO	1.41	137.4	Pg	11:53:14.430	0.2	T__	4.3												m_e	ML 2.0
BFO	1.41	137.4	Sg	11:53:31.863	-0.7	T__	5.2												m_e	
HGN	1.51	336.4	Sg	11:53:34.922	-0.8	T__	2.2												m_e	
MOF	1.54	173.9	Pg	11:53:16.549	-0.0	T__	3.2												m_e	
MOF	1.54	173.9	Sg	11:53:36.287	-0.1	T__	4.2												m_e	
FELD	1.67	153.5	Sg	11:53:40.591	-0.2	T__	3.4												m_e	

Event 927411 Essen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/25	18:47:42.40			51.6527	7.0100				1.0f		20	13				m i si	LDG	927431
2005/05/25	18:47:42.30			51.6580	6.9740				1.0f		8	4	318	0.71	1.47	m i ki	BENS	927421
2005/05/25	18:47:43.10			51.5950	7.0550				1.0f							m i ki	BUG	927411

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	927431
ML	1.8		BENS	927421
ML	1.2		BUG	927411

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.20	139.1	Pg	18:47:48.000	1.0					TA_				mdi	ML 1.2
BUG	0.20	139.1	Sg	18:47:51.700	2.1					TA_				m__	
HOB	0.64	164.0	Pg	18:47:55.310	0.2					---				m_e	
HOB	0.64	164.0	Sg	18:48:05.870	2.6					---		61.5	1.40	m_e	
STB	1.01	187.8	Pg	18:48:02.560	0.4					---				m_e	
STB	1.01	187.8	Sg	18:48:17.230	2.0					---		26.7	0.40	m_e	
KLL	1.06	206.5	Pg	18:48:02.740	-0.3					---				m_e	
KLL	1.06	206.5	Sg	18:48:17.680	1.0					---		17.0	0.50	m_e	
BGG	1.40	172.6	Pg	18:48:08.820	-0.7					---				m_e	
BGG	1.40	172.6	Sg	18:48:28.600	1.0					---				m_e	
TNS	1.63	146.9	Pg	18:48:12.819	-1.0					---				m_e	
TNS	1.63	146.9	Sg	18:48:35.641	0.8					---				m_e	

Event 50527005 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/27	00:40:34.80			48.1000	8.0000				11.0							m i uk	SED	50527035
2005/05/27	00:40:34.50			48.0867	8.0317				15.2		28	11				m i ke	LDG	50527025
2005/05/27	00:40:34.94			48.0830	8.0530				10.0f		16	8	141	0.21	1.10	m i ke	BGR	50527015
2005/05/27	00:40:34.80			48.0800	8.0500				10.0f		18	12	101	0.15	1.10	m i ke	LED	50527005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		SED	50527035
ML	2.2		LDG	50527025
ML	1.7	1	BGR	50527015
ML	1.7		LED	50527005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KIZ	0.15	215.5	Pg	00:40:38.320	0.2					T__				mci	ML 1.7
KIZ	0.15	215.5	Sg	00:40:40.700	0.3					T__				m_i	
FBB	0.15	239.3	Pg	00:40:38.370	0.2					T__				mdi	
FBB	0.15	239.3	Sg	00:40:40.710	0.3					T__				m_e	
FELD	0.21	188.6	Pg	00:40:39.320	0.3					T__				mdi	
FELD	0.21	188.6	Sg	00:40:42.380	0.4					T__				m_i	
LIBD	0.31	283.5	Pg	00:40:40.550	-0.3					___				m__	
LIBD	0.31	283.5	Sg	00:40:45.700	0.7					T__				m__	
BFO	0.31	36.6	Pg	00:40:40.968	0.1					___	10.1			m_e	
BFO	0.31	36.6	Sg	00:40:45.172	0.1					___	10.9			m_e	
SPAK	0.49	87.1	Pg	00:40:45.160	0.9					T__				m_e	
WLS	0.57	305.9	Pg	00:40:46.200	0.5					T__				m_e	
WLS	0.57	305.9	Sg	00:40:54.370	1.2					___				m__	
ECH	0.61	283.2	Pg	00:40:46.740	0.3					T__				m_e	
ECH	0.61	283.2	Sg	00:40:54.270	-0.1					___				m_e	
MOF	0.66	249.9	Pg	00:40:47.607	0.3					___	1.7			m_e	
MOF	0.66	249.9	Sg	00:40:56.560	0.8					T__				m__	
BBS	0.71	210.8	Pg	00:40:48.490	0.1					T__				m_e	
BBS	0.71	210.8	Sg	00:40:58.810	1.1					___				m__	
LBG	0.77	40.0	Pg	00:40:49.410	0.1					T__				mce	ML 1.5
LBG	0.77	40.0	PmP	00:40:49.660	-1.9					T__				m__	
LBG	0.77	40.0	Sg	00:40:59.410	0.1					T__				m__	
LANF	0.92	349.9	Sn	00:41:04.550	-1.4					___				m__	
BUCH	0.94	66.4	Pg	00:40:52.980	0.3					T__				mce	ML 1.9
BUCH	0.94	66.4	Sg	00:41:05.600	0.7					T__				m__	
STU	1.03	47.3	Pg	00:40:54.287	0.1					___	2.0			m_e	ML 1.7
STU	1.03	47.3	Sg	00:41:07.684	0.2					___	2.7			m_e	
LOMF	1.10	228.9	Pg	00:40:55.700	0.1					T__				m_e	
LOMF	1.10	228.9	Sg	00:41:10.620	0.8					___				m__	
WLF	2.02	322.5	Sg	00:41:37.387	-1.6					___				m_e	ML 2.0
GRA1	2.64	51.1	Sg	00:41:57.016	-1.6					___				m_e	ML 2.4

Event 926938 W of Colmar/F, Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/27	02:42:52.80			48.0428	7.0299				12.5			26	12			m i ke	LDG	926938

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		LDG	926938

Event 50527003 Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/27	17:22:44.70			47.0000	9.5000				8.0							m i uk	SED	50527033
2005/05/27	17:22:46.90			47.1243	9.3969				10.0f		84	24				m i ke	LDG	50527023
2005/05/27	17:22:46.10			47.0700	9.5400				6.0		32	16	247	0.72	2.48	m i ke	LED	50527013
2005/05/27	17:22:45.25			47.0570	9.5430				5.1		73	34	191	0.24	4.81	m i ke	BGR	50527003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		SED	50527033
ML	3.1		LDG	50527023
ML	3.0		LED	50527013
ML	2.8	0.5	9 BGR	50527003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIENZ	0.24	352.1	Pg	17:22:49.943	0.1					T__	528.1			m_e	
LIENZ	0.24	352.1	Sg	17:22:53.849	0.8					T__	29.0			m_e	
DAVA	0.32	44.8	Pg	17:22:51.758	0.3					T__	189.3			m_e	ML 2.5
DAVA	0.32	44.8	Sg	17:22:56.926	1.3					T__	7.5			m_e	
WILA	0.56	309.9	Pg	17:22:56.229	0.4					T__	139.9			m_e	
WILA	0.56	309.9	Sg	17:23:04.069	1.0					T__	5.2			m_e	
ZUR	0.72	295.9	Pg	17:22:59.172	0.3					T__	35.2			m_e	
ZUR	0.72	295.9	Sg	17:23:08.929	0.6					T__	10.5			m_e	
UBR	0.73	31.3	Pg	17:22:59.980	0.9					---				mci	ML 2.7
UBR	0.73	31.3	PmP	17:23:02.270	0.4					---				m__	
UBR	0.73	31.3	Sg	17:23:10.620	2.1					---				m__	
UBR	0.73	31.3	SmS	17:23:14.530	1.2					---				m__	
SLE	1.00	315.3	Pg	17:23:04.175	-0.0					T__	182.3			m_e	
SLE	1.00	315.3	(Sg)	17:23:19.112	1.9					---	10.5			m_e	
SULZ	1.08	296.5	Pg	17:23:05.629	0.0					T__	38.3			m_e	
SULZ	1.08	296.5	Sg	17:23:20.015	0.5					T__	15.5			m_e	
SPAK	1.16	334.2	Pn	17:23:07.364	-0.1					T__				m_e	
SPAK	1.16	334.2	Pg	17:23:08.040	0.9					---				mce	
SPAK	1.16	334.2	Sg	17:23:22.659	0.4					T__	5.5			m_e	
FELD	1.32	308.8	Pn	17:23:09.515	-0.1					T__				m_e	
FELD	1.32	308.8	Pg	17:23:10.700	0.5					---				mci	
FELD	1.32	308.8	Sg	17:23:27.430	0.1					T__	7.5			m_e	
BUCH	1.40	354.8	Pn	17:23:10.430	-0.2					---				m__	ML 3.8
BUCH	1.40	354.8	Pg	17:23:12.260	0.6					---				m__	
BUCH	1.40	354.8	Sg	17:23:31.170	1.5					---				m_i	
KIZ	1.42	309.9	Pn	17:23:10.640	-0.3					---				m__	ML 3.3
KIZ	1.42	309.9	Pg	17:23:12.080	0.1					---				m__	
KIZ	1.42	309.9	Sg	17:23:30.450	0.1					---				m__	
BBS	1.44	287.2	Pn	17:23:11.267	0.0					T__	6.7			m_e	
BBS	1.44	287.2	Pg	17:23:12.715	0.3					T__				m_e	
BBS	1.44	287.2	Sg	17:23:31.284	0.3					T__	7.2			m_e	
SCE	1.48	89.9	Pg	17:23:13.600	0.5					---				mci	ML 2.8
TUBL	1.50	348.3	Pg	17:23:13.790	0.3					---				m__	ML 3.1
TUBL	1.50	348.3	Sn	17:23:30.290	-0.7					---				m__	
TUBL	1.50	348.3	Sg	17:23:33.590	0.7					---				m__	
BFO	1.51	327.8	Pn	17:23:11.978	-0.2					T__	43.7			m_e	ML 2.5
BFO	1.51	327.8	Pg	17:23:13.851	0.1					T__				m_e	
BFO	1.51	327.8	Sn	17:23:31.107	-0.2					T__	1.1			m_e	
BFO	1.51	327.8	Sg	17:23:33.319	0.0					T__	5.1			m_e	
HDH	1.59	16.0	Pn	17:23:12.640	-0.6					---				m__	ML 3.0
HDH	1.59	16.0	Sg	17:23:36.690	0.9					---				m__	
BOURR	1.61	283.0	Pn	17:23:13.169	-0.3					T__	17.3			m_e	
BOURR	1.61	283.0	Pg	17:23:15.626	0.1					T__				m_e	
BOURR	1.61	283.0	Sg	17:23:35.920	-0.4					T__	5.9			m_e	
FUR	1.61	45.9	Pg	17:23:15.905	0.3					T__				m_e	ML 2.8
FUR	1.61	45.9	Sg	17:23:37.057	0.7					T__	2.7			m_e	

LBG	1.68	342.9	Pn	17:23:14.260	-0.3	---	m__ ML	3.2
LBG	1.68	342.9	Sn	17:23:34.190	-1.2	---	m__	
LBG	1.68	342.9	Sg	17:23:38.320	-0.4	---	m__	
STU	1.73	352.3	Sn	17:23:35.532	-0.9	T__	m_e ML	3.2
STU	1.73	352.3	Sg	17:23:40.587	0.4	T__	m_e	
MOF	1.81	296.9	Pn	17:23:16.349	0.1	T__	m_e	
MOF	1.81	296.9	Pg	17:23:19.117	-0.3	T__	m_e	
MOF	1.81	296.9	Sg	17:23:41.944	-0.9	T__	m_e	
NORI	1.81	23.2	Pn	17:23:15.800	-0.5	---	mci ML	3.3
LOMF	1.87	280.0	Pn	17:23:17.254	0.2	T__	m_e	
LOMF	1.87	280.0	Pg	17:23:20.414	-0.0	T__	m_e	
LOMF	1.87	280.0	Sg	17:23:45.160	0.6	T__	m_e	
ECH	1.98	306.7	Pn	17:23:18.680	0.1	T__	m_e	13.3
ECH	1.98	306.7	Pg	17:23:22.609	0.0	T__	m_e	
WLS	2.00	313.4	Pn	17:23:18.969	0.1	T__	m_e	12.3
WLS	2.00	313.4	Pg	17:23:23.048	0.1	T__	m_e	
WLS	2.00	313.4	Sg	17:23:48.458	-0.4	T__	m_e	2.0
LANF	2.25	329.5	Pn	17:23:22.519	0.3	T__	m_e	
SIND	2.29	1.0	Pn	17:23:21.680	-1.1	---	m__ ML	3.0
BGLD	2.42	74.5	Pn	17:23:26.800	2.2	---	mci ML	2.6
SWS	2.49	347.3	Pg	17:23:32.400	0.2	---	m__ ML	3.0
KBA	2.59	88.1	Pg	17:23:33.874	-0.2	T__	m_e ML	2.8
KBA	2.59	88.1	Sg	17:24:07.848	0.3	T__	m_e	6.4
TOD	2.60	349.4	Pg	17:23:34.614	0.4	T__	m_e	
TOD	2.60	349.4	Sn	17:23:56.268	-0.5	T__	m_e	3.7
TOD	2.60	349.4	Sg	17:24:07.531	-0.2	T__	m_e	8.3
THEF	2.66	297.4	Pn	17:23:28.604	0.8	T__	m_e	
GRA1	2.86	22.3	Pn	17:23:29.075	-1.4	---	m_e	
GRA1	2.86	22.3	Sn	17:24:04.052	1.0	---	m_e	
RUP	3.12	329.0	Pg	17:23:43.884	-0.1	T__	m_e	
ABH	3.12	335.6	Pg	17:23:44.252	0.2	T__	m_e	
TNS	3.25	347.5	Pn	17:23:34.798	-0.9	---	m_e ML	3.6
TNS	3.25	347.5	Sn	17:24:12.131	0.0	T__	m_e	2.7
TNS	3.25	347.5	Sg	17:24:28.571	0.2	T__	m_e	1.8
MOA	3.29	74.3	Pn	17:23:36.423	0.1	T__	m_e	6.1
MOA	3.29	74.3	Pg	17:23:46.510	-0.7	T__	m_e	
MOA	3.29	74.3	Sg	17:24:29.813	0.0	T__	m_e	3.1
GEC2	3.31	55.8	Pn	17:23:37.464	0.9	T__	m_e	
WLF	3.45	320.4	Pn	17:23:37.365	-1.1	---	m_e ML	2.8
WLF	3.45	320.4	Sn	17:24:19.042	2.3	---	m_e	
UBBA	3.77	4.4	Pg	17:23:56.870	0.5	T__	m_e	
UBBA	3.77	4.4	Sg	17:24:43.305	-1.8	T__	m_e	2.9
GUNZ	3.78	28.1	Pn	17:23:41.280	-1.7	T__	m_e	
GUNZ	3.78	28.1	Sg	17:24:45.266	-0.2	T__	m_e	2.9
MOX	3.84	20.0	Pn	17:23:42.044	-1.7	T__	m_e	
MOX	3.84	20.0	Pg	17:23:59.000	1.4	---	m_e	
MOX	3.84	20.0	Sn	17:24:26.460	0.4	T__	m_e	1.7
MOX	3.84	20.0	Sg	17:24:47.362	0.2	T__	m_e	2.9
WERD	3.85	27.2	Pn	17:23:41.938	-2.0	T__	m_e ML	2.0
WERD	3.85	27.2	Pg	17:23:58.050	0.3	T__	m_e	
WERD	3.85	27.2	Sn	17:24:25.935	-0.3	T__	m_e	1.7
WERD	3.85	27.2	Sg	17:24:47.038	-0.5	T__	m_e	2.4
TANN	3.87	28.7	Pn	17:23:43.041	-1.1	T__	m_e ML	2.9
TANN	3.87	28.7	Pg	17:23:58.641	0.5	T__	m_e	

TANN	3.87	28.7	Sn	17:24:28.294	1.5	T__	1.7											m_e
TANN	3.87	28.7	Sg	17:24:49.094	0.9	T__	2.7											m_e
BRG	4.78	35.5	Pg	17:24:17.000	1.6	---												m_e
BRG	4.78	35.5	Sg	17:25:16.443	-0.8	T__	1.4											m_e
CLL	4.81	26.7	Pn	17:23:55.100	-1.9	---												m_i
CLL	4.81	26.7	Pg	17:24:20.000	4.0	---												m_e
CLL	4.81	26.7	Sg	17:25:18.528	0.4	T__	1.9											m_e
CLZ	4.81	6.1	Sg	17:25:17.156	-1.1	T__	1.7											m_e

Event 50527004 Essen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/27	23:35:21.80			51.7079	7.0209				1.0f		14	8				m i si	LDG	50527034
2005/05/27	23:35:22.10			51.7020	7.0170				1.0f		10	6	301	0.75	1.51	m i ki	BENS	50527024
2005/05/27	23:35:23.56			51.6020	7.0040				1.0f		9	6	197	0.23	2.10	m i ki	BGR	50527014
2005/05/27	23:35:23.50			51.5870	7.0560				1.0f							m i ki	BUG	50527004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	50527034
ML	2.0		BENS	50527024
ML	2.0	0.2	4 BGR	50527014
ML	1.2		BUG	50527004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.20	137.7	Pg	23:35:28.300	1.1					TA_				mdi	ML 1.2
BUG	0.20	137.7	Sg	23:35:31.900	2.1					TA_				m_	
HOB	0.63	163.8	Pg	23:35:36.070	0.7					---				m_e	
HOB	0.63	163.8	Sg	23:35:46.870	3.4					---		45.6	1.30	m_e	
BNS	0.63	173.1	Pg	23:35:35.880	0.5					---				m_e	
ROD	0.70	231.4	Pg	23:35:36.710	-0.0					---				m_e	
IBBN	0.84	30.8	Pg	23:35:39.561	0.2					---	5.9			m_e	ML 2.0
IBBN	0.84	30.8	Sg	23:35:50.716	0.5					---	3.2			m_e	
STB	1.00	187.9	Pg	23:35:43.030	0.6					---				m_e	
STB	1.00	187.9	Sg	23:35:58.170	2.8					---		24.4	0.30	m_e	
KLL	1.05	206.7	Pg	23:35:43.160	-0.1					---				m_e	
KLL	1.05	206.7	Sg	23:35:59.130	2.3					---				m_e	
BGG	1.39	172.6	Pg	23:35:49.680	-0.0					---				m_e	
BGG	1.39	172.6	Sg	23:36:08.960	1.2					---		18.3	0.60	m_e	
TNS	1.62	146.7	Pn	23:35:52.927	0.5					---	1.9			m_e	ML 1.9
TNS	1.62	146.7	Sg	23:36:16.164	1.1					---	3.4			m_e	
UBBA	2.00	111.5	Sg	23:36:27.860	0.9					---	1.5			m_e	
WLF	2.01	197.0	Sg	23:36:26.980	-0.3					---	2.9			m_e	ML 2.1
CLZ	2.07	81.6	Sg	23:36:29.787	0.5					---	2.7			m_e	ML 2.2

Event 50528001 Olten, Langenthal/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/28	01:25:02.00			47.3000	7.7000				25.0							m i uk	SED	50528031
2005/05/28	01:25:01.50			47.2612	7.6361				19.1		60	23				m i ke	LDG	50528021

2005/05/28 01:25:02.24	47.2740	7.7050	20.0f	12	8 202	0.34	1.80	m i ke BGR	50528011
2005/05/28 01:25:02.10	47.2600	7.6900	24.0	15	11 204	0.24	2.45	m i ke LED	50528001
(#PRIME)									

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		SED	50528031
ML	2.6		LDG	50528021
ML	2.0	1	BGR	50528011
ML	2.5		LED	50528001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BBS	0.24	329.1	Pg	01:25:08.200	0.0					T__				mdi	
BOURR	0.34	293.6	Pg	01:25:09.521	-0.2					___				m_e	
SULZ	0.39	46.6	Pg	01:25:10.930	0.4					___				m_e	
SULZ	0.39	46.6	Sg	01:25:16.742	0.4					___				m_e	
LOMF	0.59	279.1	Pn	01:25:13.660	-0.7					T__				mci	
ZUR	0.61	79.5	Pg	01:25:14.629	0.3					___				m_e	
FELD	0.65	18.9	Pn	01:25:14.260	-0.9					T__				mde	
FELD	0.65	18.9	Pg	01:25:14.900	-0.1					T__				mde	
MOF	0.70	327.8	Pn	01:25:15.300	-0.5					T__				m__	
KIZ	0.71	12.4	Pn	01:25:14.800	-1.2					T__				mde ML	3.0
KIZ	0.71	12.4	Pg	01:25:15.740	-0.4					T__				m__	
KIZ	0.71	12.4	Sg	01:25:25.250	-0.5					T__				m__	
SLE	0.74	46.7	Pg	01:25:15.622	-1.0					___				m_e	
SLE	0.74	46.7	Sg	01:25:26.628	-0.0					___				m_e	
FBB	0.75	8.4	Pg	01:25:16.470	-0.3					T__				m__	
WILA	0.84	78.9	Pg	01:25:17.939	-0.5					___				m_e	
WILA	0.84	78.9	(Sg)	01:25:29.421	-0.2					___				m_e	
LIBD	0.89	356.3	Pg	01:25:18.940	-0.5					T__				m__	
ECH	1.02	339.7	Pg	01:25:20.930	-0.8					T__				m__	
SPAK	1.12	40.8	Sg	01:25:38.170	-0.2					T__				m__	
BFO	1.15	21.6	Pn	01:25:20.720	-1.3					T__				m__ ML	2.6
BFO	1.15	21.6	Pg	01:25:23.275	-0.9					___				m_e	
BFO	1.15	21.6	Sg	01:25:38.170	-1.2					T__				m__	
WLS	1.17	349.0	Pn	01:25:21.800	-0.5					T__				m__	
LIENZ	1.22	87.7	Pg	01:25:23.781	-1.8					___				m_e	
THEF	1.50	310.9	Pg	01:25:30.060	-0.5					___				m__	
TUBL	1.57	36.0	Sg	01:25:51.050	-1.4					___				m__ ML	2.5
LBG	1.59	27.4	Pg	01:25:32.130	-0.2					___				m__ ML	2.5
LBG	1.59	27.4	Sg	01:25:51.070	-1.9					___				m__	
BUCH	1.63	42.6	Pn	01:25:27.220	-1.2					___				m__ ML	2.6
BUCH	1.63	42.6	Sg	01:25:53.780	-0.6					___				m__	
UBR	1.69	74.7	Pn	01:25:29.760	0.5					___				m__ ML	2.1
UBR	1.69	74.7	Pg	01:25:34.340	0.2					___				m__	
STU	1.81	33.1	(Sg)	01:25:58.375	-1.8					___				m_e	
HDH	2.14	50.9	Sg	01:26:09.390	-1.2					___				m__ ML	2.3
SIND	2.45	30.7	Pg	01:25:48.690	0.3					___				m__ ML	2.5
SIND	2.45	30.7	Sn	01:26:05.970	-0.6					___				m__	
FUR	2.58	68.2	Pg	01:25:51.262	0.5					___				m_e	
FUR	2.58	68.2	Sg	01:26:25.399	1.2					___				m_e	
GRA1	3.38	42.6	Sg	01:26:51.548	2.0					___				m_e	

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
927499 Nancy/F	2005/05/29	04:23:57.00			48.7148	6.2951				2.0		15	6				m i ke	LDG	927509

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	927509

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
50530304 Poland	2005/05/30	12:40:25.82			51.0500	18.7210				1.0f		12	7	340	3.01	4.97	m i ki	BGR	50530314

Magnitude	Err	Nsta	Author	OrigID
ML	3.8		BGR	50530314

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	3.01	268.5	Pn	12:41:14.497	0.9					T__				m_e ML	3.5
BRG	3.01	268.5	Sg	12:42:01.726	0.1					T__				m_e	
CLL	3.59	276.3	Pn	12:41:22.368	0.9					T__				m_e ML	3.8
CLL	3.59	276.3	Sg	12:42:21.059	1.1					T__				m_e	
TANN	4.01	263.3	Pn	12:41:28.696	1.5					T__				m_e ML	3.9
TANN	4.01	263.3	Sg	12:42:33.403	0.1					T__				m_e	
WERD	4.10	264.1	Pn	12:41:29.674	1.3					T__				m_e ML	3.6
WERD	4.10	264.1	Sg	12:42:36.091	-0.0					T__				m_e	
GUNZ	4.10	262.9	Pn	12:41:29.452	1.1					T__				m_e ML	3.8
GUNZ	4.10	262.9	Sg	12:42:36.442	0.3					T__				m_e	
MOX	4.50	267.6	Sg	12:42:49.026	0.2					T__				m_e ML	3.9
GRA1	4.97	257.1	Sg	12:43:04.927	1.2					T__				m_e ML	4.1

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
50530002 Groningen/NL	2005/05/30	15:36:47.85			53.3050	6.5830				1.0f		6	4	211	1.17	2.57	m i ki	BGR	50530012
(event in a gas extraction field)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.1	2 BGR	50530012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HLG	1.17	40.7	Pg	15:37:09.811	-0.0					T__	1.3			m_e ML	2.5
HLG	1.17	40.7	Sg	15:37:25.150	0.2					T__	3.1			m_e	
IBBN	1.23	144.0	Sg	15:37:26.722	-0.1					T__	1.7			m_e ML	2.3
WTSB	1.35	174.3	Pg	15:37:13.278	0.1					T__	2.0			m_e	
WTSB	1.35	174.3	Sg	15:37:30.852	0.3					T__	2.7			m_e	
HGN	2.57	189.2	Sg	15:38:09.503	-0.1					T__	1.6			m_e	

Event 50531001 Essen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/05/31	02:11:33.20			51.4665	6.8468				1.0f		15	11				m i si	LDG	50531031
2005/05/31	02:11:30.70			51.6470	6.9820				1.0f		8	5	296	0.69	1.46	m i ki	BENS	50531021
2005/05/31	02:11:31.22			51.6030	7.0470				1.0f		17	11	116	0.21	3.50	m i ki	BGR	50531011
2005/05/31	02:11:30.80			51.5970	7.0420				1.0f							m i ki	BUG	50531001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	50531031
ML	2.1		BENS	50531021
ML	2.2	0.1	3 BGR	50531011
ML	1.5		BUG	50531001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.21	137.8	Pg	02:11:35.800	1.0					TA_				mdi	ML 1.5
BUG	0.21	137.8	Sg	02:11:39.600	2.1					TA_				m_	
WTSB	0.40	337.9	Pg	02:11:37.856	-0.5						6.2			m_e	
WTSB	0.40	337.9	Sg	02:11:42.681	-0.8						9.4			m_e	
BNS	0.64	172.4	Sg	02:11:53.760	2.7									m_e	
HOB	0.64	163.3	Pg	02:11:43.660	0.8									m_e	
HOB	0.64	163.3	Sg	02:11:53.720	2.6							81.8	1.20	m_e	
ROD	0.70	230.3	Pg	02:11:44.100	0.1									mCi	
IBBN	0.84	31.6	Pg	02:11:46.345	-0.2						3.3			m_e	ML 2.3
IBBN	0.84	31.6	Sg	02:11:59.071	1.7						4.5			m_e	
STB	1.01	187.3	Pg	02:11:50.640	0.8									m_e	
STB	1.01	187.3	Sg	02:12:05.040	2.1							39.6	0.40	m_e	
HGN	1.09	220.3	Pg	02:11:51.105	-0.2						48.8			m_e	
HGN	1.09	220.3	Sg	02:12:06.480	1.2						6.5			m_e	
WIT	1.24	349.5	Pg	02:11:54.655	0.5						1.5			m_e	
WIT	1.24	349.5	Sg	02:12:11.464	1.3						3.0			m_e	
BGG	1.40	172.3	Pg	02:11:56.730	-0.5									m_e	
BGG	1.40	172.3	Sg	02:12:16.870	1.5							49.6	0.30	m_e	
TNS	1.64	146.6	Pg	02:12:01.020	-0.6						3.2			m_e	ML 2.1
TNS	1.64	146.6	Sg	02:12:23.286	0.5						2.3			m_e	
WLF	2.01	196.6	Pg	02:12:07.256	-1.5									m_e	ML 2.2
WLF	2.01	196.6	Sg	02:12:35.449	0.7						3.0			m_e	
CLZ	2.08	81.9	Pg	02:12:10.498	0.5						2.7			m_e	
CLZ	2.08	81.9	Sg	02:12:35.826	-1.0									m_e	
MOX	3.02	106.6	Sg	02:13:06.293	-0.6						2.0			m_e	
BFO	3.37	165.3	Pn	02:12:23.588	0.1						3.0			m_e	
WERD	3.50	107.1	Sg	02:13:22.034	-0.1						1.6			m_e	
BRG	4.38	96.8	Sg	02:13:52.700	2.8									m_e	

DATA_TYPE ARRIVAL: REVIEWED IMS1.0

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	BRG			2005/05/01	03:38:18.300	Sg						m_e	BRG	
	BRG			2005/05/01	03:58:47.200	Sg						m_e	BRG	
	BRG			2005/05/01	17:05:57.400	Sg						m_e	BRG	
	CLL			2005/05/01	22:04:28.000	(Sg)						m_e	CLL	

BRG	2005/05/02	08:33:06.700	Pg	m_e	BRG
BRG	2005/05/02	08:33:24.700	Sg	m_e	BRG
BRG	2005/05/03	05:07:49.600	Sg	m_e	BRG
BRG	2005/05/03	08:01:19.400	Sg	m_e	BRG
BRG	2005/05/03	08:37:32.700	Sg	m_e	BRG
BRG	2005/05/04	19:08:40.600	Sg	m_e	BRG
BRG	2005/05/05	10:22:05.500	Sg	m_e	BRG
BRG	2005/05/05	16:15:22.000	Sg	m_e	BRG
BRG	2005/05/06	03:12:49.800	Sg	m_e	BRG
BRG	2005/05/06	16:00:44.000	Sg	m_e	BRG
BRG	2005/05/07	07:33:16.600	Sg	m_e	BRG
BRG	2005/05/07	12:58:32.300	Sg	m_e	BRG
BRG	2005/05/08	06:28:06.100	Sg	m_e	BRG
BRG	2005/05/10	01:51:26.100	Sg	m_e	BRG
BRG	2005/05/10	09:01:48.200	Sg	m_e	BRG
BRG	2005/05/11	23:22:21.200	Sg	m_e	BRG
MOX	2005/05/12	04:02:52.900	Sg	m_e	MOX
MOX	2005/05/12	04:10:28.900	Pg	m_e	MOX
MOX	2005/05/12	04:10:35.800	Sg	m_e	MOX
MOX	2005/05/12	04:53:44.100	Sg	m_e	MOX
BRG	2005/05/13	11:45:40.200	Sg	m_e	BRG
BRG	2005/05/13	16:40:29.000	Sg	m_e	BRG
BRG	2005/05/14	13:56:40.700	Sg	m_e	BRG
BRG	2005/05/15	09:01:19.800	Sg	m_e	BRG
BRG	2005/05/15	19:55:27.700	Sg	m_e	BRG
BRG	2005/05/17	05:49:25.300	Sg	m_e	BRG
BRG	2005/05/17	07:36:55.400	Sg	m_e	BRG
MOX	2005/05/18	04:33:49.000	Sg	m_e	MOX
BRG	2005/05/18	07:21:26.100	Sg	m_e	BRG
BRG	2005/05/18	23:21:49.600	Sg	m_e	BRG
CLL	2005/05/19	00:23:53.000	Sn	m_e	CLL
BRG	2005/05/19	15:35:43.900	Sg	m_e	BRG
MOX	2005/05/19	17:19:19.000	Sg	m_e	MOX
BRG	2005/05/19	23:22:05.400	Pn	m_e	BRG
BRG	2005/05/20	10:08:35.500	Sg	m_e	BRG
BRG	2005/05/20	15:08:23.600	Sg	m_e	BRG
BRG	2005/05/20	23:47:25.000	Sg	m_e	BRG
BRG	2005/05/21	01:38:59.600	Sg	m_e	BRG
BRG	2005/05/21	04:31:49.600	Sg	m_e	BRG
BRG	2005/05/21	22:27:50.800	Sg	m_e	BRG
MOX	2005/05/21	23:07:25.900	Pg	m_e	MOX
MOX	2005/05/21	23:07:29.600	Sg	m_e	MOX
BRG	2005/05/22	04:09:28.000	Sg	m_e	BRG
BRG	2005/05/22	05:59:58.500	Sg	m_e	BRG
BRG	2005/05/22	11:10:43.300	Sg	m_e	BRG
BRG	2005/05/22	11:17:26.500	Sg	m_e	BRG
BRG	2005/05/22	15:34:01.100	Sg	m_e	BRG
BRG	2005/05/22	20:45:19.000	Sg	m_e	BRG
BRG	2005/05/23	13:07:45.500	Sg	m_e	BRG
BRG	2005/05/23	21:20:36.700	Sg	m_e	BRG
BRG	2005/05/23	22:18:19.000	Sg	m_e	BRG
BRG	2005/05/24	10:33:58.500	Sg	m_e	BRG
BRG	2005/05/25	02:21:46.300	Sg	m_e	BRG
BRG	2005/05/25	06:11:14.400	Sg	m_e	BRG

BRG	2005/05/26 21:02:46.400	Sg	m_e	BRG
OBER	2005/05/27 15:22:57.700	Pg	mdi	OBER
BRG	2005/05/27 17:08:59.800	Sg	m_e	BRG
BRG	2005/05/27 17:28:53.300	Sg	m_e	BRG
MOX	2005/05/30 02:23:19.900	(Sg)	m_e	MOX
SCE	2005/05/30 05:28:04.800	Pg	mdi	SCE
SCE	2005/05/30 05:28:08.000	Sg	m_i	SCE
BRG	2005/05/31 22:13:51.200	Sg	m_e	BRG