

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 51101001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/01	00:03:28.86	0.56		51.6030	16.2250	5.6	3.3	014	1.0f		23	15	241	0.76	3.70	m i ki	BGR	51101001

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	9 BGR	51101001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.76	176.7	Pg	00:03:43.431	0.2					T__				m_e ML	2.3
KSP	0.76	176.7	Sg	00:03:52.689	-0.3					T__				m_e	
PVCC	1.50	224.7	Pn	00:03:56.275	0.2					T__				m_e ML	3.1
PVCC	1.50	224.7	Sg	00:04:17.001	0.6					T__				m_e	
BRG	1.60	243.8	Pn	00:03:58.107	0.5					T__				m_e ML	2.8
BRG	1.60	243.8	Pg	00:03:58.763	-0.3					T__				m_e	
BRG	1.60	243.8	Sg	00:04:19.495	-0.3					T__				m_e	
PRU	1.93	214.0	Pn	00:04:02.542	0.5					T__				m_e ML	2.8
CLL	2.03	262.9	Pn	00:04:03.436	0.1					T__				m_e ML	2.9
CLL	2.03	262.9	Sg	00:04:33.780	0.4					T__				m_e	
OKC	2.14	144.7	Pn	00:04:05.650	0.8					T__				m_e ML	3.3
OKC	2.14	144.7	Sg	00:04:37.068	0.1					T__				m_e	
TANN	2.65	244.8	Pn	00:04:12.779	1.1					T__				m_e ML	3.2
TANN	2.65	244.8	Sg	00:04:52.146	-0.9					T__				m_e	
NKC	2.75	241.6	Pn	00:04:13.988	0.9					T__				m_e ML	3.3
NKC	2.75	241.6	Sg	00:04:56.908	0.8					T__				m_e	
KHC	2.99	215.4	Pn	00:04:17.100	0.7					T__				m_e	
MOX	3.05	253.5	Sg	00:05:06.772	1.1					T__				m_e	
ROTZ	3.14	235.8	Pn	00:04:19.559	1.2					T__				m_e	
NOTT	3.16	237.0	Pn	00:04:19.769	1.2					T__				m_e	
GEC2	3.20	211.3	Pn	00:04:20.763	1.6					T__				m_e	
WET	3.26	222.3	Pn	00:04:20.611	0.7					T__				m_e	
GRA1	3.70	240.9	Sg	00:05:26.385	-0.1					T__				m_e ML	3.6

Event 51101003 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/01	13:58:08.60			51.5221	6.7830				1.0f		13	9				m i si	LDG	51101033
2005/11/01	13:58:18.90	1.13	0.51	51.5010	6.6520				1.0f		12	7	295	0.24	1.36	m i ki	BENS	51101023
( GESPUERT IN ANNABERG INTENSITAET IV; RHEINBERG III )																		
2005/11/01	13:58:17.63		1.89	51.4810	6.5280				1.0f		8	4	267	0.46	1.83	m i si	BGR	51101013
2005/11/01	13:58:16.90			51.5170	6.5840				1.0f				319	0.21	0.43	m i ki	BUG	51101003
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	51101033
ML	1.7		BENS	51101023
ML	2.0	0.3	4 BGR	51101013
ML	1.5		BUG	51101003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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ZERL	0.21	59.6	Pg	13:58:21.900	1.1	T__									m__	ML	0.8
ZERL	0.21	59.6	Sg	13:58:25.500	2.1	T__									m__		
LAU	0.28	126.3	Pg	13:58:23.120	1.0	---									m_e		
LAU	0.28	126.3	Sg	13:58:26.970	1.2	---					57.4	0.50			m_e		
BUG	0.43	99.9	Pg	13:58:26.100	1.0	TA_									mde	ML	1.5
BUG	0.43	99.9	Sg	13:58:32.700	2.0	TA_									m__		
HOB	0.71	138.4	Pg	13:58:31.620	1.3	---									m_e		
KLL	0.89	191.2	Pg	13:58:35.340	1.7	---									m_e		
KLL	0.89	191.2	Sg	13:58:47.830	2.8	---						36.9	0.10		m_e		
STB	0.94	170.0	Pg	13:58:36.270	1.7	---									m_e		
STB	0.94	170.0	Sg	13:58:48.760	2.1	---						43.5	0.70		m_e		
IBBN	1.07	42.1	Pg	13:58:38.595	1.5	---					2.0				m_e	ML	2.2
IBBN	1.07	42.1	Sg	13:58:53.258	2.3	---					2.7				m_e		
HIL	1.23	177.1	Sg	13:58:58.330	2.5	---									m_e		
KOE	1.31	146.0	Pg	13:58:42.520	0.9	---									m_e		
KOE	1.31	146.0	Sg	13:59:00.460	1.9	---									m_e		
BGG	1.39	159.8	Pg	13:58:43.980	0.8	---									m_e		
BGG	1.39	159.8	Sg	13:59:02.450	1.3	---									m_e		
TNS	1.75	137.0	Pg	13:58:50.400	0.5	---					1.8				m_e	ML	1.9
TNS	1.75	137.0	Sg	13:59:12.746	0.3	---					2.6				m_e		
WLF	1.87	188.6	Pg	13:58:52.167	-0.0	---					1.3				m_e	ML	2.3
WLF	1.87	188.6	Sg	13:59:16.154	-0.2	---					5.6				m_e		

Event 51101004 Laufenburg, N of Brugg/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/01	14:54:59.30	0.21	0.29	47.5155	8.2391	3.6	2.2	104	3.0f		22	11	274			m i ke	LDG	51101014
2005/11/01	14:55:02.90	0.48	1.36	47.5860	8.2120	5.6	4.4	006	10.0f		6	5	144	0.26	0.91	m i ke	BGR	51101004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		LDG	51101014
ML	1.4	1	BGR	51101004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SLE	0.26	46.3	Sg	14:55:11.501	-0.2					T__				m_e	
WILA	0.50	109.8	Sg	14:55:18.496	-0.6					T__				m_e	
BOURR	0.69	254.3	Sg	14:55:25.102	0.1					T__				m_e	
BFO	0.75	6.0	Sg	14:55:27.026	0.2					T__				m_e	ML 1.4
LIENZ	0.91	108.0	Pg	14:55:19.747	-0.5					T__	1.4			m_e	
LIENZ	0.91	108.0	Sg	14:55:33.202	1.1					T__				m_e	

Event 51102002 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
2005/11/02	18:59:36.80	0.11	0.38	48.2933	7.4117	1.7	1.3	092	7.0f		24	12	117			m i ke	LDG	51102012
2005/11/02	18:59:36.76	0.32	0.64	48.2980	7.4640	5.6	3.3	146	5.0f		10	9	062	0.14	2.83	m i ke	BGR	51102002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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ML 2.5 LDG 51102012  
 ML 1.7 0.3 2 BGR 51102002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.14	327.5	Pg	18:59:39.816	0.3					T__				m_e	
LIBD	0.17	147.8	Pg	18:59:40.321	0.2					T__				m_e	
ECH	0.22	248.1	Pg	18:59:40.868	-0.1					T__				m_e	
MOF	0.50	206.5	Pg	18:59:46.031	-0.2					T__				m_e	
BFO	0.58	86.5	Pg	18:59:47.802	0.1					T__				m_e	ML 1.4
BFO	0.58	86.5	Sg	18:59:55.049	-0.1					T__				m_e	
THEF	0.98	266.5	Pg	18:59:55.459	0.2					T__				m_e	
LOMF	1.04	204.5	Pg	18:59:56.389	0.0					T__				m_e	
STU	1.24	66.9	Sg	19:00:16.749	0.6					---				m_e	ML 2.0
TNS	2.03	18.1	Sg	19:00:40.958	-0.3					T__				m_e	
GRA1	2.83	59.1	Sg	19:01:07.281	0.5					T__				m_e	

Event 51102003 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
2005/11/02	20:56:52.00	0.12	0.42	48.2866	7.4500	2.3	1.9	132	2.0	0.0	11	6	124			m i ke	LDG	51102013
2005/11/02	20:56:30.33	0.40	0.38	48.2960	7.4730	8.9	4.4	174	5.0f		7	6	120	0.14	1.04	m i ke	BGR	51102003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.4			LDG	51102013
ML 1.4		1	BGR	51102003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.14	325.9	Pg	20:56:33.307	0.2					T__				m_e	
LIBD	0.17	149.2	Pg	20:56:33.839	0.2					T__				m_e	
ECH	0.22	249.2	Pg	20:56:34.373	-0.3					T__				m_e	
BFO	0.57	86.3	Pg	20:56:41.199	0.1					T__				m_e	ML 1.4
BFO	0.57	86.3	Sg	20:56:48.617	0.1					T__				m_e	
THEF	0.99	266.6	Pg	20:56:49.205	0.3					T__				m_e	
LOMF	1.04	204.9	Pg	20:56:49.944	0.0					T__				m_e	

Event 929807 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
2005/11/02	21:05:25.30	0.15	0.29	48.2644	7.4662	3.4	1.8	120	4.0f		12	5	205			m i ke	LDG	929807

Magnitude	Err	Nsta	Author	OrigID
ML 2.0			LDG	929807

Event 51103001 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
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2005/11/03 00:18:08.90	0.72	0.31	48.2940	7.5200				10.0f	6	4	346	1.92	2.69	m i ke BENS	51103031	
2005/11/03 00:18:07.20	0.07	0.86	48.2967	7.4294	1.5	1.3	172	3.0f	120	41	025			m i ke LDG	51103021	
2005/11/03 00:18:07.09	0.12	0.24	48.2810	7.4650	1.6	1.2	035	7.0	2.5	29	19	064	0.15	1.87	m i ke LED	51103011
2005/11/03 00:18:07.36	0.16	4.22	48.2820	7.4610	2.2	1.1	141	5.0f		52	28	061	0.15	4.17	m i ke BGR	51103001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4		BENS	51103031
ML	3.8		LDG	51103021
ML	3.5		LED	51103011
ML	3.4	0.4	5 BGR	51103001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.15	331.4	Pg	00:18:10.162	-0.1					T__				m_e	
WLS	0.15	331.4	Sg	00:18:12.453	0.2					T__				m_e	
LIBD	0.16	144.2	Pg	00:18:10.784	0.3					T__				m_e	
LIBD	0.16	144.2	Sg	00:18:13.891	1.2					T__				m_e	
ECH	0.21	251.9	Pg	00:18:11.339	-0.1					T__				m_e	
ECH	0.21	251.9	Sg	00:18:14.377	0.1					T__				m_e	
STRF	0.36	33.7	Pg	00:18:14.622	0.4					T__				m_e	
STRF	0.36	33.7	Sg	00:18:20.293	1.3					T__				m_e	
FBB	0.38	136.8	Pg	00:18:14.640	0.0					---				mdi	
KIZ	0.45	136.7	P*	00:18:16.780						---				m__ ML	2.8
KIZ	0.45	136.7	Pg	00:18:15.580	-0.2					---				mdi	
MOF	0.48	207.1	Pg	00:18:16.485	-0.0					T__				m_e	
MOF	0.48	207.1	Sg	00:18:22.853	0.1					T__				m_e	
FELD	0.54	138.0	Pg	00:18:17.393	-0.3					T__				m_e	
FELD	0.54	138.0	Sg	00:18:24.477	-0.2					T__				m_e	
BFO	0.58	84.9	Pg	00:18:18.068	-0.2					T__				m_e ML	3.1
BFO	0.58	84.9	Sg	00:18:25.574	-0.3					T__				m_e	
BFO	0.58	84.9	SmS	00:18:29.130	-2.4					---				m__	
LANF	0.73	17.9	Pg	00:18:21.089	-0.1					T__				m_e	
LANF	0.73	17.9	(Sg)	00:18:33.399	2.7					---				m_e	
BBS	0.82	177.7	Pg	00:18:22.826	0.0					T__				m_e	
SPAK	0.90	101.0	Pg	00:18:24.729	0.4					T__				m_e	
SPAK	0.90	101.0	Sg	00:18:36.013	-0.0					T__				m_e	
LBG	0.96	66.2	Pn	00:18:25.100	-1.8					---				mci ML	3.6
LBG	0.96	66.2	Pg	00:18:25.760	0.2					---				mci	
LBG	0.96	66.2	Sg	00:18:38.980	1.0					---				m__	
THEF	0.98	267.4	Pg	00:18:25.262	-0.5					T__				m_e	
THEF	0.98	267.4	Sg	00:18:38.902	0.4					T__				m_e	
LOMF	1.02	204.8	Pg	00:18:26.715	0.0					T__				m_e	
LOMF	1.02	204.8	Sg	00:18:40.628	0.7					T__				m_e	
TUBL	1.10	76.8	Pn	00:18:27.400	-1.4					---				mce ML	3.6
TUBL	1.10	76.8	Pg	00:18:28.410	0.2					---				m__	
TUBL	1.10	76.8	Sg	00:18:43.210	0.8					---				m__	
KTD	1.12	21.3	Pg	00:18:28.350	-0.1					T__				m_e	
GUT	1.12	100.2	Pn	00:18:27.860	-1.2					---				mde ML	3.6
GUT	1.12	100.2	Sg	00:18:43.600	0.5					---				m__	
SISB	1.17	120.1	Pn	00:18:29.310	-0.4					---				mde ML	3.5
STU	1.25	66.3	Pn	00:18:30.899	0.2					T__	8.8			m_e ML	3.5
STU	1.25	66.3	Sg	00:18:47.033	0.0					T__				m_e	
BUCH	1.27	81.7	Pn	00:18:29.660	-1.4					---				mci ML	3.7
BUCH	1.27	81.7	Sg	00:18:48.430	0.8					---				m__	

SWS	1.45	33.7	Pg	00:18:34.750	0.0	---	---	---	---	---	m__	ML	3.2
SWS	1.45	33.7	Sg	00:18:54.460	0.9	---	---	---	---	---	m__	---	---
TOD	1.59	33.2	(Pn)	00:18:33.428	-2.0	---	16.3	---	---	---	m_e	---	---
TOD	1.59	33.2	Pg	00:18:37.612	0.3	T__	---	---	---	---	m_e	---	---
TOD	1.59	33.2	Sg	00:18:57.975	0.1	T__	---	---	---	---	m_e	---	---
ABH	1.60	2.0	Pn	00:18:36.312	0.8	T__	2.1	---	---	---	m_e	---	---
ABH	1.60	2.0	Pg	00:18:37.244	-0.3	T__	---	---	---	---	m_e	---	---
WLF	1.63	328.6	Sg	00:18:59.524	0.4	T__	---	---	---	---	m_e	ML	3.0
SIND	1.77	52.1	Pn	00:18:36.100	-1.7	---	---	---	---	---	m__	ML	3.5
HDH	1.85	79.6	Pg	00:18:42.060	-0.1	---	---	---	---	---	m__	ML	3.5
UBR	1.87	107.8	Pn	00:18:39.260	0.1	---	---	---	---	---	mce	ML	3.6
UBR	1.87	107.8	Pg	00:18:43.090	0.5	---	---	---	---	---	mci	---	---
UBR	1.87	107.8	Sg	00:19:06.830	0.0	---	---	---	---	---	m__	---	---
BGG	1.93	357.6	Pg	00:18:40.560	-3.1	---	---	---	---	---	m_e	---	---
BGG	1.93	357.6	Sg	00:19:03.820	-4.7	---	---	---	165.7	1.00	m_e	---	---
TNS	2.04	18.0	Pn	00:18:40.827	-0.7	T__	3.5	---	---	---	m_e	ML	3.4
TNS	2.04	18.0	Sg	00:19:11.553	-0.8	T__	---	---	---	---	m_e	---	---
OBER	2.09	113.7	Pn	00:18:42.900	0.7	---	---	---	---	---	mdi	ML	3.2
NORI	2.14	77.0	Pn	00:18:42.400	-0.5	---	---	---	---	---	mdi	ML	3.5
KOE	2.15	4.6	Pg	00:18:43.290	-4.6	---	---	---	---	---	m_e	---	---
KOE	2.15	4.6	Sg	00:19:09.710	-6.0	---	---	---	729.1	0.60	m_e	---	---
STB	2.35	350.3	Pg	00:18:46.230	-5.4	---	---	---	---	---	m_e	---	---
FUR	2.54	91.3	Pg	00:18:55.741	0.4	T__	---	---	---	---	m_e	ML	4.1
FUR	2.54	91.3	Sg	00:19:27.971	-0.2	T__	---	---	---	---	m_e	---	---
HOB	2.70	358.3	Pg	00:18:50.610	-7.7	---	---	---	---	---	m_e	---	---
SCE	3.12	111.9	Pn	00:18:58.100	2.0	---	---	---	---	---	mdi	---	---
BUG	3.16	357.8	Sg	00:19:47.838	0.1	T__	---	---	---	---	m_e	---	---
NOTT	3.42	61.7	Pg	00:19:11.483	-0.2	T__	---	---	---	---	m_e	---	---
MOX	3.59	47.2	Pn	00:19:03.241	0.8	T__	5.3	---	---	---	m_e	---	---
MOX	3.59	47.2	Pg	00:19:14.809	-0.2	T__	---	---	---	---	m_e	---	---
MOX	3.59	47.2	Sg	00:20:01.388	0.1	T__	---	---	---	---	m_e	---	---
WET	3.68	74.4	Pn	00:19:03.289	-0.4	T__	7.0	---	---	---	m_e	---	---
WET	3.68	74.4	Pg	00:19:16.935	0.3	T__	---	---	---	---	m_e	---	---
WET	3.68	74.4	Sn	00:19:45.465	1.1	T__	3.5	---	---	---	m_e	---	---
WET	3.68	74.4	Sg	00:20:04.553	0.4	T__	---	---	---	---	m_e	---	---
GUNZ	3.79	54.9	Pg	00:19:19.413	0.5	T__	---	---	---	---	m_e	---	---
WERD	3.83	53.7	Pg	00:19:19.569	0.1	T__	---	---	---	---	m_e	---	---
TANN	3.89	54.9	Pg	00:19:20.423	-0.3	T__	---	---	---	---	m_e	---	---
TANN	3.89	54.9	Sg	00:20:09.448	-1.6	T__	---	---	---	---	m_e	---	---
NEUB	4.04	42.0	Pg	00:19:22.763	-0.7	T__	---	---	---	---	m_e	---	---
NEUB	4.04	42.0	Sg	00:20:17.256	1.5	T__	---	---	---	---	m_e	---	---
GEC2	4.17	79.9	Pn	00:19:10.501	0.2	T__	12.5	---	---	---	m_e	---	---
GEC2	4.17	79.9	Sn	00:19:56.656	0.8	T__	2.4	---	---	---	m_e	---	---
GEC2	4.17	79.9	Sg	00:20:19.127	-0.6	T__	---	---	---	---	m_e	---	---
CLL	4.68	47.7	Pn	00:19:24.000	6.7	---	---	---	---	---	m_e	---	---
CLL	4.68	47.7	Pg	00:19:36.000	0.4	---	---	---	---	---	m_e	---	---
CLL	4.68	47.7	Sg	00:20:36.000	-0.1	---	---	---	---	---	m_e	---	---

Event 51103002 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
2005/11/03	00:19:12.90	0.40		48.2960	7.4440	4.4	3.3	149	5.0	6.0	13	9	066	0.13	1.25	m i ke	BGR	51103032

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	1	BGR	51103032

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.13	332.8	Pg	00:19:15.029	-0.5					T__				m_e	
LIBD	0.18	143.9	Pg	00:19:15.516	-0.9					T__	1.6			m_e	
LIBD	0.18	143.9	Sg	00:19:18.437	-0.4					T__	4.2			m_e	
ECH	0.21	247.3	Pg	00:19:16.033	-0.8					T__	3.2			m_e	
ECH	0.21	247.3	Sg	00:19:19.167	-0.4					T__	3.0			m_e	
STRF	0.36	36.4	Sg	00:19:25.188	0.8					T__	2.3			m_e	
BFO	0.59	86.4	Sg	00:19:31.958	0.3					T__	2.2			m_e	ML 2.0
BBS	0.83	177.0	Sg	00:19:40.454	1.1					T__	2.0			m_e	
THEF	0.97	266.5	Sg	00:19:44.400	0.7					T__	2.4			m_e	
LOMF	1.03	203.9	Pg	00:19:31.811	-0.6					T__	1.4			m_e	
LOMF	1.03	203.9	Sg	00:19:45.995	0.3					T__	1.4			m_e	
STU	1.25	67.1	Pg	00:19:37.050	0.5					T__				m_e	
STU	1.25	67.1	Sg	00:19:51.864	-0.8					T__	1.3			m_e	

Event 929809 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
2005/11/03	00:25:55.20	0.18	0.59	48.2866	7.4497	3.5	2.1	120	6.0f		19	7	202			m i ke	LDG	929839

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	929839

Event 929810 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
2005/11/03	00:28:18.30	0.16	0.70	48.2793	7.4523	3.1	1.9	116	6.0f		26	10	191			m i ke	LDG	929840

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		LDG	929840

Event 929811 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
2005/11/03	00:30:16.20	0.10	0.11	48.2868	7.4570	1.7	1.0	083	3.0f		14	5	264			m i ke	LDG	929841

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	929841

Event 929812 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  
 2005/11/03 01:07:13.60 0.16 0.41 48.2766 7.4932 3.1 1.9 114 3.0f 19 7 207 m i ke LDG 929842

Magnitude Err Nsta Author OrigID  
 ML 2.0 LDG 929842

Event 929813 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  
 2005/11/03 01:18:34.90 0.11 0.26 48.2671 7.4636 2.4 1.3 128 5.0f 19 7 205 m i ke LDG 929843

Magnitude Err Nsta Author OrigID  
 ML 2.0 LDG 929843

Event 51103002 Poland  
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID  
 2005/11/03 01:44:34.88 0.72 51.5060 16.0220 13.3 5.6 173 1.0f 17 11 304 1.45 3.54 m i ki BGR 51103002

Magnitude Err Nsta Author OrigID  
 ML 3.0 0.4 7 BGR 51103002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.45	244.9	Pg	01:45:01.689	-0.5					T__				m_e ML	2.7
BRG	1.45	244.9	Sg	01:45:21.508	0.6					T__				m_e	
FBE	1.77	251.8	Pg	01:45:06.792	-1.5					T__				m_e ML	2.5
FBE	1.77	251.8	Sg	01:45:31.650	0.5					T__				m_e	
CLL	1.89	265.2	Pn	01:45:06.627	-0.9					T__				m_e ML	2.7
CLL	1.89	265.2	Sg	01:45:36.897	1.9					T__				m_e	
TANN	2.49	245.4	Pn	01:45:15.651	0.0					T__				m_e ML	3.0
TANN	2.49	245.4	Sg	01:45:54.617	0.5					T__				m_e	
WERD	2.57	247.1	Pn	01:45:16.670	0.0					T__				m_e	
WERD	2.57	247.1	Sg	01:45:57.765	1.3					T__				m_e	
NEUB	2.67	265.3	Sg	01:46:01.845	2.2					T__				m_e ML	3.3
MOX	2.90	254.4	Pn	01:45:21.185	0.0					T__				m_e ML	3.2
MOX	2.90	254.4	Sg	01:46:08.723	1.7					T__				m_e	
ROTZ	2.98	235.8	Pn	01:45:22.695	0.5					T__				m_e	
GEC2	3.05	210.1	Pn	01:45:24.081	0.9					T__				m_e	
WET	3.10	221.6	Pn	01:45:23.971	0.1					T__				m_e	
GRA1	3.54	241.1	Sg	01:46:28.775	1.3					T__				m_e ML	3.4

Event 929814 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

2005/11/03 01:46:50.90 0.11 0.31 48.2752 7.4648 2.4 1.4 121 6.0f 19 7 192 m i ke LDG 929844

Magnitude Err Nsta Author OrigID  
ML 2.0 LDG 929844

Event 929816 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  
2005/11/03 02:51:28.20 0.10 0.39 48.2834 7.4474 2.2 1.4 122 7.0f 30 11 190 m i ke LDG 929846

Magnitude Err Nsta Author OrigID  
ML 2.2 LDG 929846

Event 51103003 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  
2005/11/03 03:31:01.20 0.08 0.37 48.2910 7.4384 1.6 1.1 104 5.0f 42 15 122 m i ke LDG 51103013  
2005/11/03 03:31:01.69 0.25 2.10 48.2800 7.4570 3.3 2.2 127 5.0f 16 12 065 0.15 2.05 m i ke BGR 51103003

(#PRIME)

Magnitude Err Nsta Author OrigID  
ML 2.4 LDG 51103013  
ML 1.6 1 BGR 51103003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.15	332.7	Pg	03:31:04.322	-0.3					T__	87.6			m_e	
LIBD	0.16	143.0	Pg	03:31:04.642	-0.2					T__	4.0			m_e	
ECH	0.21	252.2	Pg	03:31:05.301	-0.4					T__	19.3			m_e	
ECH	0.21	252.2	Sg	03:31:08.435	-0.0					T__	5.9			m_e	
STRF	0.37	33.9	Sg	03:31:14.418	1.0					T__	2.0			m_e	
MOF	0.48	206.9	Pg	03:31:10.516	-0.3					T__	6.7			m_e	
BFO	0.58	84.7	Pg	03:31:12.746	0.0					T__	2.2			m_e ML	1.6
BFO	0.58	84.7	Sg	03:31:19.603	-0.7					T__	10.1			m_e	
LANF	0.74	18.1	Pg	03:31:16.468	0.9					T__	3.4			m_e	
BBS	0.82	177.5	Pg	03:31:17.471	0.4					T__	2.0			m_e	
BBS	0.82	177.5	Sg	03:31:28.759	1.1					T__	2.8			m_e	
THEF	0.98	267.5	Sg	03:31:33.291	0.6					T__	3.8			m_e	
LOMF	1.02	204.7	Pg	03:31:20.702	-0.2					T__	5.7			m_e	
LOMF	1.02	204.7	Sg	03:31:34.192	0.0					T__	0.8			m_e	
TOD	1.59	33.2	Sg	03:31:51.944	-0.4					T__	2.3			m_e	
TNS	2.05	18.0	Sg	03:32:06.980	0.2					T__	2.1			m_e	

Event 51103004 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  
2005/11/03 03:55:34.30 0.11 0.47 48.2747 7.4641 2.5 1.4 129 7.0f 21 8 204 m i ke LDG 51103014



2005/11/03 03:53:21.24 0.31 48.2770 7.4600 3.3 2.2 120 5.0f 17 11 064 0.15 2.05 m i ke BGR 51103004  
(#PRIME)

Magnitude Err Nsta Author OrigID  
ML 2.1 LDG 51103014  
ML 1.8 0.2 2 BGR 51103004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.15	332.5	Pg	03:53:23.732	-0.5					T__	59.7			m_e	
WLS	0.15	332.5	Sg	03:53:25.987	-0.3					T__	30.1			m_e	
LIBD	0.16	143.0	Pg	03:53:23.931	-0.4					T__	3.3			m_e	
LIBD	0.16	143.0	Sg	03:53:26.712	0.2					T__	4.1			m_e	
ECH	0.21	253.2	Pg	03:53:24.701	-0.6					T__	13.7			m_e	
ECH	0.21	253.2	Sg	03:53:27.883	-0.2					T__	5.9			m_e	
STRF	0.37	33.4	Sg	03:53:33.786	0.8					T__	2.2			m_e	
MOF	0.48	207.3	Pg	03:53:29.937	-0.4					T__	4.1			m_e	
BFO	0.58	84.4	Sg	03:53:39.202	-0.5					T__	13.1			m_e ML	1.6
LANF	0.74	17.8	Pg	03:53:35.864	0.7					T__	5.3			m_e	
LANF	0.74	17.8	Sg	03:53:45.754	1.0					T__	1.9			m_e	
BBS	0.81	177.7	Pg	03:53:37.212	0.6					T__	1.5			m_e	
THEF	0.98	267.7	Pg	03:53:39.462	-0.2					T__	1.8			m_e	
THEF	0.98	267.7	Sg	03:53:53.356	1.0					T__	3.5			m_e	
LOMF	1.02	204.9	Pg	03:53:40.179	-0.3					T__	6.7			m_e	
LOMF	1.02	204.9	Sg	03:53:53.712	0.1					T__	1.0			m_e	
TNS	2.05	18.0	Sg	03:54:25.089	-1.3					T__	2.7			m_e ML	2.0

Event 929818 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
2005/11/03	04:00:57.60	0.08	0.26	48.2855	7.4477	1.5	0.9	120	3.0f		27	10	201			m i ke	LDG	929818

Magnitude Err Nsta Author OrigID  
ML 2.0 LDG 929818

Event 929819 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
2005/11/03	04:10:01.90	0.16	0.52	48.2684	7.4723	3.4	1.9	129	6.0f		17	7	205			m i ke	LDG	929819

Magnitude Err Nsta Author OrigID  
ML 2.0 LDG 929819

Event 51103012 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
2005/11/03	04:18:30.80			48.2804	7.4473				7.0f		45	16				m i ke	LDG	51103022

2005/11/03 04:18:30.88 0.33 0.67 48.2910 7.4580 4.4 3.3 146 5.0f 10 9 079 0.14 2.04 m i ke BGR 51103012  
(#PRIME)

Magnitude Err Nsta Author OrigID  
ML 2.5 LDG 51103022  
ML 1.8 0.3 2 BGR 51103012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.14	330.4	Pg	04:18:33.886	0.2					T__				m_e	
LIBD	0.17	145.4	Pg	04:18:34.332	0.1					T__				m_e	
ECH	0.21	249.5	Pg	04:18:34.899	-0.1					T__				m_e	
MOF	0.49	206.4	Pg	04:18:40.073	-0.1					T__				m_e	
BFO	0.58	85.8	Pg	04:18:42.319	0.5					T__				m_e ML	1.5
BFO	0.58	85.8	Sg	04:18:49.156	-0.2					T__				m_e	
LOMF	1.03	204.5	Pg	04:18:50.405	0.1					T__				m_e	
STU	1.25	66.7	Sg	04:19:10.811	0.3					T__				m_e ML	2.1
WLF	1.62	328.5	Sg	04:19:22.344	0.0					T__				m_e	
TNS	2.04	18.1	Sg	04:19:35.546	-0.0					T__				m_e	

Event 51103013 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
2005/11/03	04:21:06.30	0.07	0.42	48.2923	7.4434	1.4	1.0	085	5.0f		62	22	124			m i ke	LDG	51103023
2005/11/03	04:21:06.28	0.32	0.51	48.2950	7.4750	4.4	3.3	149	5.0f		10	9	064	0.14	2.03	m i ke	BGR	51103013

(#PRIME)

Magnitude Err Nsta Author OrigID  
ML 2.5 LDG 51103023  
ML 1.8 0.3 2 BGR 51103013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.14	325.7	Pg	04:21:09.459	0.4					T__				m_e	
LIBD	0.17	149.4	Pg	04:21:09.870	0.3					T__				m_e	
ECH	0.23	249.5	Pg	04:21:10.435	-0.2					T__				m_e	
MOF	0.50	207.4	Pg	04:21:15.563	-0.2					T__				m_e	
BFO	0.57	86.1	Pg	04:21:17.177	0.1					T__				m_e ML	1.5
BFO	0.57	86.1	Sg	04:21:24.735	0.3					T__				m_e	
THEF	0.99	266.7	Pg	04:21:25.044	0.1					T__				m_e	
LOMF	1.04	205.0	Pg	04:21:25.893	0.0					T__				m_e	
STU	1.23	66.7	Sg	04:21:45.365	-0.1					T__				m_e ML	2.1
TNS	2.03	17.9	Sg	04:22:10.798	0.0					T__				m_e	

Event 929822 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
2005/11/03	04:23:11.40	0.11	0.45	48.2925	7.4405	2.3	1.4	115	8.0f		33	12	189			m i ke	LDG	929822

Magnitude Err Nsta Author OrigID  
ML 2.3 LDG 929822

Event 930856 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  
 2005/11/03 04:35:17.70 48.2838 7.4498 8.0f 29 10 m i ke LDG 930856

Magnitude Err Nsta Author OrigID  
 ML 2.2 LDG 930856

Event 930858 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  
 2005/11/03 04:40:52.50 48.2875 7.4368 7.2 8 4 m i ke LDG 930858

Magnitude Err Nsta Author OrigID  
 ML 2.3 LDG 930858

Event 930859 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  
 2005/11/03 04:49:58.30 48.2853 7.4625 8.0f 9 4 m i ke LDG 930859

Magnitude Err Nsta Author OrigID  
 ML 2.0 LDG 930859

Event 51103014 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  
 2005/11/03 05:29:45.50 48.2870 7.4517 8.0f 23 12 m i ke LDG 51103024  
 2005/11/03 05:29:45.70 0.32 1.09 48.2880 7.4620 5.6 3.3 149 5.0f 10 9 063 0.14 2.04 m i ke BGR 51103014  
 (#PRIME)

Magnitude Err Nsta Author OrigID  
 ML 2.5 LDG 51103024  
 ML 1.8 0.2 2 BGR 51103014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.14	330.1	Pg	05:29:48.647	0.1					T__				m_e	
LIBD	0.17	145.6	Pg	05:29:49.042	0.1					T__				m_e	
ECH	0.21	250.5	Pg	05:29:49.682	-0.2					T__				m_e	
MOF	0.49	206.9	Pg	05:29:54.753	-0.2					T__				m_e	
BFO	0.58	85.5	Pg	05:29:57.594	1.0					T__				m_e ML	1.6
BFO	0.58	85.5	Sg	05:30:03.978	-0.2					T__				m_e	

THEF	0.98	267.0	Pg	05:30:04.464	0.3	T__	m_e	
LOMF	1.03	204.7	Pg	05:30:05.097	-0.0	T__	m_e	
STU	1.24	66.5	Sg	05:30:25.232	-0.0	T__	m_e ML	2.0
TNS	2.04	18.0	Sg	05:30:50.434	-0.0	T__	m_e	

Event 51103008 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
2005/11/03	09:37:10.50	0.07	0.56	48.2791	7.4623	1.5	1.2	117	5.0f		73	24	032			m i ke	LDG	51103028
2005/11/03	09:37:10.50	0.20	0.29	48.2800	7.4700	2.0	2.0	021	7.0f		28	16	064	0.15	1.86	m i ke	LED	51103018
2005/11/03	09:37:10.99	0.22		48.2860	7.4640	2.2	2.2	134	5.0f		29	19	061	0.15	4.16	m i ke	BGR	51103008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		LDG	51103028
ML	2.7		LED	51103018
ML	2.6	0.3	3 BGR	51103008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.15	330.0	Pg	09:37:13.691	-0.2					T__	157.3			m_e	
WLS	0.15	330.0	Sg	09:37:15.769	-0.1					T__	178.3			m_e	
LIBD	0.16	145.6	Pg	09:37:14.121	-0.1					T__	14.9			m_e	
ECH	0.22	251.1	Pg	09:37:14.683	-0.5					T__	53.2			m_e	
ECH	0.22	251.1	Sg	09:37:17.671	-0.3					T__	107.0			m_e	
STRF	0.36	33.8	Sg	09:37:23.727	1.2					T__	2.7			m_e	
KIZ	0.45	137.2	P*	09:37:20.110						---				m__ ML	1.9
KIZ	0.45	137.2	Pg	09:37:18.930	-0.6					---				mdi	
KIZ	0.45	137.2	Sg	09:37:24.780	-0.5					---				m__	
MOF	0.49	207.1	Pg	09:37:19.904	-0.3					T__	19.0			m_e	
FELD	0.55	138.4	Pg	09:37:20.830	-0.5					---				m__	
BFO	0.58	85.3	Pg	09:37:21.640	-0.3					T__	27.6			m_e ML	2.2
BFO	0.58	85.3	Sg	09:37:28.866	-0.5					T__	10.0			m_e	
BFO	0.58	85.3	SmS	09:37:32.530	-2.6					---				m__	
LANF	0.73	17.9	Pg	09:37:25.726	0.9					T__	8.3			m_e	
BBS	0.82	177.9	Pg	09:37:27.310	0.8					T__	5.3			m_e	
SPAK	0.90	101.3	Pg	09:37:28.130	0.1					---				m__	
LBG	0.96	66.3	Pg	09:37:29.150	0.0					---				mci ML	2.8
LBG	0.96	66.3	S*	09:37:42.530						---				m__	
LBG	0.96	66.3	Sn	09:37:41.340	-2.8					---				m__	
THEF	0.98	267.2	Pg	09:37:29.356	-0.1					T__	10.5			m_e	
THEF	0.98	267.2	Sg	09:37:42.401	0.2					T__	3.0			m_e	
LOMF	1.03	204.8	Pg	09:37:30.217	-0.2					T__	21.0			m_e	
LOMF	1.03	204.8	PmP	09:37:32.020	-0.5					---				m__	
LOMF	1.03	204.8	Sg	09:37:44.273	0.6					T__	0.8			m_e	
TUBL	1.10	77.0	Sg	09:37:46.700	0.7					---				m__ ML	2.8
KTD	1.11	21.3	Pg	09:37:31.831	-0.1					T__	4.5			m_e	
KTD	1.11	21.3	Sg	09:37:47.011	0.7					T__	1.4			m_e	
GUT	1.12	100.4	Pn	09:37:31.580	-1.1					---				m__ ML	2.7
GUT	1.12	100.4	Pg	09:37:32.160	0.0					---				m__	
GUT	1.12	100.4	Sn	09:37:45.810	-2.1					---				m__	
GUT	1.12	100.4	Sg	09:37:47.310	0.6					---				m__	
SISB	1.17	120.3	Pg	09:37:32.860	-0.2					---				m__ ML	2.5

SISB	1.17	120.3	Sg	09:37:48.800	0.6	---											m_		
STU	1.24	66.4	Pg	09:37:35.479	1.0	T_				2.6							m_e	ML	2.8
STU	1.24	66.4	Sg	09:37:50.508	-0.0	T_				3.9							m_e		
BUCH	1.27	81.9	Pg	09:37:34.540	-0.3	---											m_	ML	2.8
BUCH	1.27	81.9	Sn	09:37:49.340	-2.0	---											m_		
BUCH	1.27	81.9	Sg	09:37:51.780	0.6	---											m_		
SWS	1.45	33.7	Pg	09:37:37.020	-1.3	---											m_	ML	2.5
SWS	1.45	33.7	Sg	09:37:57.490	0.5	---											m_		
TOD	1.59	33.2	Pn	09:37:39.920	0.9	T_											m_e		
TOD	1.59	33.2	Sg	09:38:01.231	-0.2	T_				4.1							m_e		
ABH	1.60	1.9	Pg	09:37:40.687	-0.4	T_				3.9							m_e		
WLF	1.63	328.5	Pg	09:37:41.175	-0.5	T_				3.0							m_e		
WLF	1.63	328.5	Sg	09:38:02.707	0.1	T_				3.7							m_e		
SIND	1.77	52.2	Pg	09:37:43.440	-0.8	---											m_	ML	2.7
SIND	1.77	52.2	Sg	09:38:07.360	0.2	---											m_		
HDH	1.84	79.7	Sg	09:38:08.670	-0.9	---											m_	ML	2.7
UBR	1.87	107.9	Pg	09:37:46.420	0.2	---											m_	ML	2.6
UBR	1.87	107.9	Sn	09:38:04.670	-0.9	---											m_		
UBR	1.87	107.9	Sg	09:38:10.190	-0.2	---											m_		
TNS	2.04	18.0	Pg	09:37:49.108	-0.3	T_				2.4							m_e	ML	2.7
TNS	2.04	18.0	Sg	09:38:15.039	-0.8	T_				5.4							m_e		
UBBA	3.02	32.1	Sg	09:38:47.126	0.2	T_				1.1							m_e		
TANN	3.89	54.9	Pg	09:38:23.791	-0.5	T_				3.4							m_e		
GEC2	4.16	80.0	Sg	09:39:22.899	-0.4	T_				1.6							m_e		

Event 51103015 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
2005/11/03	09:40:58.90			48.2763	7.4580				8.0f		25	9				m i ke	LDG	51103025
2005/11/03	09:40:59.09	0.44	0.18	48.2920	7.4640	8.9	5.6	176	5.0f		6	6	117	0.14	1.03	m i ke	BGR	51103015

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	51103025
ML	1.5	1	BGR	51103015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.14	328.8	Pg	09:41:02.112	0.2					T_					
LIBD	0.17	146.7	Pg	09:41:02.545	0.2					T_					
ECH	0.22	249.6	Pg	09:41:03.148	-0.1					T_					
BFO	0.58	85.9	Sg	09:41:17.644	0.2					T_				m_e	ML 1.5
THEF	0.98	266.8	Pg	09:41:17.703	0.1					T_				m_e	
LOMF	1.03	204.7	Pg	09:41:18.625	0.0					T_				m_e	

Event 929829 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
2005/11/03	09:55:12.50	0.13	0.56	48.2785	7.4538	2.7	1.5	118	6.0f		15	6	188			m i ke	LDG	929829

Magnitude	Err	Nsta	Author	OrigID
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ML 2.3 LDG 929829

Event 929830 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
2005/11/03	10:06:56.90	0.38	1.00	48.2708	7.4884	6.7	4.5	090	6.0f		13	5	268			m i ke	LDG	929830

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	929830

Event 51103009 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
2005/11/03	13:11:03.60	0.08	0.69	48.2907	7.4221	1.7	1.5	132	3.0f		59	20	032			m i ke	LDG	51103029
2005/11/03	13:11:03.40	0.10	0.24	48.2800	7.4600	2.0	1.0	026	7.0f		27	17	064	0.15	1.87	m i ke	LED	51103019
2005/11/03	13:11:04.08	0.18		48.2870	7.4640	2.2	1.1	140	5.0f		36	25	061	0.15	4.16	m i ke	BGR	51103009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2		LDG	51103029
ML	2.9		LED	51103019
ML	2.8	0.4	5 BGR	51103009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.15	329.8	Pg	13:11:06.622	-0.3					T__				m_e	
WLS	0.15	329.8	Sg	13:11:08.724	-0.2					T__				m_e	
LIBD	0.16	145.8	Pg	13:11:06.927	-0.4					T__				m_e	
LIBD	0.16	145.8	Sg	13:11:09.499	-0.0					T__				m_e	
ECH	0.22	250.8	Pg	13:11:07.605	-0.6					T__				m_e	
ECH	0.22	250.8	Sg	13:11:10.284	-0.8					T__				m_e	
STRF	0.36	33.9	Sg	13:11:16.355	0.8					T__				m_e	
KIZ	0.45	137.3	P*	13:11:13.120						---				m__ ML	2.1
KIZ	0.45	137.3	Pg	13:11:11.840	-0.7					---				mdi	
KIZ	0.45	137.3	Sg	13:11:17.490	-0.9					---				m__	
KIZ	0.45	137.3	SmS	13:11:21.860	-3.4					---				m__	
MOF	0.49	207.1	Pg	13:11:12.658	-0.7					T__				m_e	
FELD	0.55	138.5	Pg	13:11:14.729	0.3					T__				m_e	
FELD	0.55	138.5	Sg	13:11:21.194	-0.3					T__				m_e	
BFO	0.58	85.4	Pg	13:11:15.701	0.7					T__				m_e ML	2.4
BFO	0.58	85.4	Sg	13:11:21.863	-0.6					T__				m_e	
BFO	0.58	85.4	SmS	13:11:25.230	-3.0					---				m__	
LANF	0.73	17.9	Pg	13:11:18.841	1.0					T__				m_e	
BBS	0.82	177.9	Pg	13:11:20.012	0.4					T__				m_e	
BBS	0.82	177.9	Sg	13:11:31.138	0.9					T__				m_e	
SPAK	0.90	101.3	Pg	13:11:21.235	0.2					T__				m_e	
LBG	0.96	66.4	Pg	13:11:22.060	-0.1					---				m__ ML	2.9
LBG	0.96	66.4	SmS	13:11:35.500	-2.9					---				m__	
THEF	0.98	267.1	Pg	13:11:22.060	-0.5					T__				m_e	

THEF	0.98	267.1	Sg	13:11:35.531	0.3	T__												m_e		
LOMF	1.03	204.8	Pg	13:11:23.009	-0.5	T__													m_e	
LOMF	1.03	204.8	Sg	13:11:36.550	-0.3	T__													m_e	
TUBL	1.10	77.0	Sg	13:11:39.530	0.5	___												m__ ML	3.0	
KTD	1.11	21.3	Pg	13:11:25.063	0.0	T__													m_e	
GUT	1.12	100.5	Pn	13:11:23.900	-1.9	___												m__ ML	2.9	
GUT	1.12	100.5	Pg	13:11:24.990	-0.3	___													m__	
GUT	1.12	100.5	Sn	13:11:38.540	-2.5	___													m__	
GUT	1.12	100.5	Sg	13:11:40.180	0.4	___													m__	
SISB	1.17	120.3	Pg	13:11:25.760	-0.4	___													m__ ML	2.7
SISB	1.17	120.3	Sg	13:11:41.360	0.1	___													m__	
STU	1.24	66.5	Pg	13:11:28.622	1.1	T__													m_e ML	2.9
STU	1.24	66.5	Sg	13:11:43.503	-0.1	T__													m_e	
BUCH	1.27	81.9	Pn	13:11:26.030	-1.7	___													m__ ML	3.1
BUCH	1.27	81.9	Pg	13:11:27.520	-0.4	___													m__	
BUCH	1.27	81.9	Sn	13:11:41.980	-2.4	___													m__	
BUCH	1.27	81.9	Sg	13:11:44.660	0.4	___													m__	
SWS	1.45	33.7	Pg	13:11:31.090	-0.3	___													m__ ML	2.7
SWS	1.45	33.7	Sn	13:11:47.020	-1.7	___													m__	
SWS	1.45	33.7	Sg	13:11:51.090	1.0	___													m__	
TOD	1.59	33.2	Sg	13:11:54.700	0.2	___													m__	
ABH	1.60	1.9	Pn	13:11:33.559	1.4	T__	4.2												m_e	
WLF	1.62	328.5	Pn	13:11:34.065	1.5	T__	2.8												m_e ML	2.4
WLF	1.62	328.5	Sg	13:11:55.917	0.2	T__													m_e	
SIND	1.77	52.2	Pg	13:11:35.940	-1.4	___													m__ ML	2.7
SIND	1.77	52.2	Sg	13:12:00.240	0.1	___													m__	
HDH	1.84	79.7	Sg	13:12:01.500	-1.2	___													m__ ML	2.7
UBR	1.87	107.9	Pg	13:11:39.410	0.1	___													m__ ML	2.7
UBR	1.87	107.9	Sg	13:12:03.100	-0.4	___													m__	
TNS	2.04	18.0	Sg	13:12:07.638	-1.2	T__													m_e ML	2.8
FUR	2.54	91.4	Sg	13:12:25.173	0.3	T__													m_e ML	3.3
GRA1	2.84	58.9	Sg	13:12:33.109	-1.1	T__													m_e	
UBBA	3.02	32.1	Sg	13:12:39.962	-0.0	T__													m_e	
MOX	3.58	47.3	Sg	13:12:58.882	1.0	T__													m_e	
WET	3.67	74.5	Sn	13:12:42.084	1.1	T__	3.3												m_e	
GUNZ	3.79	55.0	Sg	13:13:03.702	-0.8	T__													m_e	
WERD	3.82	53.8	Pg	13:12:15.862	-0.2	T__													m_e	
GEC2	4.16	80.0	Sn	13:12:54.108	1.6	T__	1.9												m_e	
GEC2	4.16	80.0	Sg	13:13:15.781	-0.6	T__													m_e	

Event 51103016 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
2005/11/03	13:24:54.50			48.2836	7.4488				6.0f		16	6					m i ke LDG	51103026
2005/11/03	13:24:54.78	0.48	0.32	48.2940	7.4680	8.9	5.6	165	5.0f		6	6	119	0.14	1.04		m i ke BGR	51103016

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	51103026
ML	1.5	1	BGR	51103016

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

WLS	0.14	327.4	Pg	13:24:57.882	0.3	T__	m_e
LIBD	0.17	147.9	Pg	13:24:58.285	0.2	T__	m_e
ECH	0.22	249.4	Pg	13:24:58.841	-0.2	T__	m_e
MOF	0.50	207.0	Pg	13:25:04.072	-0.1	T__	m_e
BFO	0.57	86.1	Sg	13:25:13.199	0.1	T__	m_e ML 1.5
LOMF	1.04	204.7	Pg	13:25:14.503	0.2	T__	m_e

Event 51103017 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
2005/11/03	13:38:09.20			48.2807	7.4499				7.0f		30	11				m i ke	LDG	51103027
2005/11/03	13:38:09.33	0.39	0.62	48.2850	7.4680	7.8	4.4	169	5.0f		8	7	116	0.15	1.03	m i ke	BGR	51103017

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	51103027
ML	1.5	1	BGR	51103017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.15	329.3	Pg	13:38:12.308	0.0					T__					m_e
LIBD	0.16	146.2	Pg	13:38:12.677	0.2					T__					m_e
ECH	0.22	251.6	Pg	13:38:13.216	-0.3					T__					m_e
MOF	0.49	207.4	Pg	13:38:18.440	-0.1					T__					m_e
BFO	0.57	85.2	Pg	13:38:20.513	0.3					T__					m_e ML 1.5
BFO	0.57	85.2	Sg	13:38:27.662	0.0					T__					m_e
THEF	0.98	267.2	Pg	13:38:28.270	0.4					T__					m_e
LOMF	1.03	205.0	Pg	13:38:28.783	0.0					T__					m_e

Event 930864 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
2005/11/03	13:45:27.40			48.2777	7.4550				6.0f		16	6				m i ke	LDG	930864

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	930864

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.58	84.5	Pg	13:45:39.936	1.5					---					m_e
BFO	0.58	84.5	Sg	13:45:46.357	0.3					---					m_e

Event 929834 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
2005/11/03	18:56:06.80	0.15	0.63	48.2817	7.4524	2.9	2.0	106	5.0f		34	12	124			m i ke	LDG	929834

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	929834



Event 930865 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
2005/11/03	20:40:16.60			48.2799	7.4559				8.0f		12	6				m i ke	LDG	930865

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	930865

Event 930866 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
2005/11/03	21:18:54.00			48.2813	7.4489				7.0f		16	9				m i ke	LDG	930866

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	930866

Event 51104006 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
2005/11/04	10:27:41.80	0.10	0.48	48.2905	7.4781	1.9	1.6	086	8.0f		22	9	109			m i ke	LDG	51104016
2005/11/04	10:27:42.17	0.44	0.38	48.2950	7.4660	8.9	4.4	163	5.0f		7	6	118	0.14	1.04	m i ke	BGR	51104006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		LDG	51104016
ML	1.4	1	BGR	51104006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.14	327.7	Pg	10:27:45.182	0.2					T__				m_e	
LIBD	0.17	147.7	Pg	10:27:45.719	0.2					T__				m_e	
ECH	0.22	249.0	Pg	10:27:46.276	-0.1					T__				m_e	
MOF	0.50	206.8	Pg	10:27:51.465	-0.1					T__				m_e	
BFO	0.58	86.2	Pg	10:27:53.265	0.2					T__				m_e	ML 1.4
BFO	0.58	86.2	Sg	10:28:00.485	-0.0					T__				m_e	
LOMF	1.04	204.7	Pg	10:28:01.812	0.1					T__				m_e	

Event 51105002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/05	04:59:34.66	0.56		51.3950	16.1990	6.7	5.6	163	1.0f		24	13	304	1.51	3.59	m i ki	BGR	51105002

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.3	13 BGR	51105002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.51	250.6	Pn	05:00:01.702	-0.4					T__				m_e	ML 2.9
BRG	1.51	250.6	Sg	05:00:23.961	1.4					T__				m_e	
FBE	1.85	256.2	Pg	05:00:08.879	-0.6					T__				m_e	ML 3.0
FBE	1.85	256.2	Sg	05:00:34.548	1.2					T__				m_e	
CLL	2.00	268.7	Pn	05:00:08.235	-0.5					T__				m_e	ML 3.1
CLL	2.00	268.7	Sg	05:00:38.256	0.1					T__				m_e	
TANN	2.55	248.9	Pn	05:00:17.139	0.9					T__				m_e	ML 3.1
WERD	2.63	250.4	Pn	05:00:18.022	0.8					T__				m_e	ML 3.1
WERD	2.63	250.4	Sg	05:00:57.677	-0.5					T__				m_e	
GUNZ	2.65	248.6	Pn	05:00:18.644	1.1					T__				m_e	ML 3.3
NEUB	2.77	267.9	Pg	05:00:26.145	-0.7					T__				m_e	ML 3.9
NEUB	2.77	267.9	Sg	05:01:03.026	0.3					T__				m_e	
MOX	2.98	257.2	Pn	05:00:22.499	0.5					T__				m_e	ML 3.5
MOX	2.98	257.2	Sg	05:01:08.399	-0.9					T__				m_e	
GEC2	3.01	213.1	Pn	05:00:24.425	2.0					T__				m_e	ML 3.4
GEC2	3.01	213.1	Sg	05:01:10.095	-0.2					T__				m_e	
ROTZ	3.01	238.8	Pn	05:00:23.987	1.5					T__				m_e	ML 3.3
ROTZ	3.01	238.8	Sg	05:01:11.300	1.0					T__				m_e	
NOTT	3.03	240.1	Pn	05:00:23.632	0.9					T__				m_e	ML 3.2
NOTT	3.03	240.1	Sg	05:01:11.455	0.4					T__				m_e	
WET	3.09	224.6	Pn	05:00:24.472	0.9					T__				m_e	ML 3.4
WET	3.09	224.6	Sg	05:01:12.952	0.0					T__				m_e	
GRA1	3.59	243.6	Pn	05:00:31.618	1.3					T__				m_e	ML 3.8
GRA1	3.59	243.6	Sg	05:01:27.926	-0.8					T__				m_e	

Event 51105001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/05	09:19:43.20	0.75	0.41	49.4020	6.9950				1.0f		6	5	316	0.83	1.60	m i ki	BENS	51105021
2005/11/05	09:19:42.40	0.06	0.51	49.3802	6.8962	1.1	0.9	012	1.0f		87	25	100			m i si	LDG	51105011
2005/11/05	09:19:41.91	0.39	4.47	49.3750	6.9110	6.7	4.4	003	1.0f		16	10	163	0.57	4.48	m i ki	BGR	51105001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BENS	51105021
ML	2.9		LDG	51105011
ML	2.1	0.2	3 BGR	51105001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	300.7	Pg	09:19:53.241	0.6					T__	7.8			m_e	ML 2.0
WLF	0.57	300.7	Sg	09:19:59.647	-0.4					T__	18.6			m_e	
BGG	0.88	18.1	Pg	09:19:58.840	0.4					---				m_e	
HIL	0.93	350.9	Pg	09:20:00.670	1.2					---				m_e	
KOE	1.18	26.5	Pg	09:20:04.620	0.5					---				m_e	
KOE	1.18	26.5	Sg	09:20:19.570	0.3					---		58.6	0.30	m_e	
TNS	1.30	48.9	Pg	09:20:06.900	0.4					T__	1.9			m_e	ML 2.3
TNS	1.30	48.9	Sg	09:20:24.971	1.6					T__	18.0			m_e	
KLL	1.33	343.4	Pg	09:20:06.550	-0.4					---				m_e	
BFO	1.40	137.7	Pg	09:20:07.700	-0.6					T__	1.1			m_e	ML 2.1
BFO	1.40	137.7	Sg	09:20:26.440	0.0					T__	23.7			m_e	

HOB	1.63	9.4	Sg	09:20:31.940	-1.8	---													m_e
MOX	3.28	65.4	Sg	09:21:26.185	0.1	T_					1.8								m_e
CLZ	3.30	40.4	Sg	09:21:26.681	-0.1	T_					1.4								m_e
NOTT	3.41	80.7	Sg	09:21:31.033	0.9	T_					1.1								m_e
GUNZ	3.63	72.1	Sg	09:21:37.794	0.6	T_					2.3								m_e
WERD	3.64	70.8	Pg	09:20:50.633	0.2	T_					1.7								m_e
WERD	3.64	70.8	Sg	09:21:37.471	0.1	T_					1.8								m_e
TANN	3.72	71.7	Pn	09:20:36.552	-2.8	T_					1.8								m_e
TANN	3.72	71.7	Pg	09:20:52.912	0.8	T_					1.9								m_e
TANN	3.72	71.7	Sg	09:21:38.687	-1.5	T_					2.7								m_e
GEC2	4.48	94.2	Pn	09:20:51.735	2.2	T_					7.1								m_e

Event 51106002 St. Die/F, NW Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/06	16:58:35.90			48.3209	6.6330				5.0f		64	24				m i ke	LDG	51106012
2005/11/06	16:58:36.17	0.46	1.45	48.3620	6.7120	4.4	3.3	068	5.0f		13	10	168	0.33	4.65	m i ke	BGR	51106002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	51106012
ML	2.2	0.3	2 BGR	51106002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ECH	0.33	116.0	Pg	16:58:43.057	0.6					T_	7.3				m_e
WLS	0.43	83.0	Pg	16:58:44.992	0.7					T_	19.9				m_e
MOF	0.58	151.0	Pg	16:58:47.123	-0.1					T_	7.8				m_e
LANF	0.95	49.0	Pg	16:58:54.140	0.0					T_	6.6				m_e
LOMF	1.01	175.6	Pg	16:58:55.013	-0.3					T_	5.1				m_e
BFO	1.08	91.1	Pg	16:58:55.833	-0.6					T_	7.7				m_e ML 1.9
BFO	1.08	91.1	Sg	16:59:10.041	-0.3					T_					m_e
WLF	1.35	344.5	Pg	16:59:01.831	0.1					T_	1.8				m_e
WLF	1.35	344.5	Sg	16:59:18.821	-0.4					T_					m_e
TNS	2.18	30.7	Sg	16:59:45.653	0.3					T_					m_e ML 2.4
GRA1	3.24	64.1	Sg	17:00:19.391	0.2					T_					m_e
WET	4.14	76.8	Pn	16:59:39.095	0.3					T_	1.7				m_e
WET	4.14	76.8	Sn	17:00:25.209	1.2										m_e
WET	4.14	76.8	Sg	17:00:47.701	0.0					T_					m_e
GEC2	4.65	81.4	Pn	16:59:46.568	0.9						1.3				m_e
GEC2	4.65	81.4	Sn	17:00:39.401	3.5										m_e

Event 51109004 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/09	14:41:25.80	0.30	0.65	51.5922	6.8651	5.0	2.9	015	1.0f		19	8	273			m i si	LDG	51109034
2005/11/09	14:41:26.30	1.04	0.41	51.5730	6.8470				1.0f		8	4	312	0.23	1.40	m i ki	BENS	51109024
2005/11/09	14:41:26.56	0.71	1.16	51.5010	6.8820	10.0	5.6	125	1.0f		6	5	200	0.25	2.19	m i ki	BGR	51109014
2005/11/09	14:41:24.50			51.5280	6.8150				1.0f							m i ki	BUG	51109004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	51109034
ML	1.8		BENS	51109024
ML	1.8	0.4	2 BGR	51109014
ML	1.6		BUG	51109004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZERL	0.10	20.1	Pg	14:41:26.200	-0.2					T__				m__	ML	1.6
ZERL	0.10	20.1	Sg	14:41:27.700	0.1					T__				m__		
LAU	0.19	155.5	Pg	14:41:30.150	2.0					---				m_e		
LAU	0.19	155.5	Sg	14:41:34.550	3.9					---		93.4	1.30	m_e		
BUG	0.30	107.0	Pg	14:41:32.162	2.1					---	2.7			m_e	ML	1.4
HOB	0.63	149.0	Pg	14:41:39.260	2.8					---				m_e		
HOB	0.63	149.0	Sg	14:41:48.060	3.4					---				m_e		
KLL	0.94	199.9	Pg	14:41:44.970	2.8					---				m_e		
KLL	0.94	199.9	Sg	14:41:58.630	4.4					---		36.0	0.60	m_e		
IBBN	0.97	36.4	Pg	14:41:44.654	1.8					---	1.7			m_e		
BGG	1.36	165.8	Pg	14:41:51.610	1.4					---				m_e		
BGG	1.36	165.8	Sg	14:42:10.590	2.8					---				m_e		
TNS	1.66	141.1	Sg	14:42:17.915	0.6					---				m_e	ML	2.1
WLF	1.91	193.0	Pg	14:42:02.596	2.1					---	1.0			m_e		
WLF	1.91	193.0	Sg	14:42:26.329	1.1					---				m_e		
CLZ	2.23	80.5	Sg	14:42:35.927	0.7					---				m_e		

Event 930364 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
2005/11/09	16:51:33.20	0.15	0.58	48.2892	7.4450	2.9	1.7	114	6.0f		35	13	190			m i ke	LDG	930364

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	930364

Event 51110004 Simmern/Hunsrueck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2005/11/10	05:43:12.40			49.8900	7.4100				10.0							m i uk	NEIC	51110044	
2005/11/10	05:43:12.10	0.07	0.84	49.9804	7.4481	1.3	1.1	073	10.0	0.0	117	30	064			m i ke	LDG	51110034	
2005/11/10	05:43:14.10	0.42	0.21	50.0740	7.5310				12.4	6.0	17	7	300	0.18	1.37	m i ke	BENS	51110024	
( GESPUERT IN DILLENDORF I=III )																			
2005/11/10	05:43:12.20	0.90	0.26	50.0000	7.5000	15.0	4.0	125	15.0f		8	6	261	0.12	2.88	m i ke	LED	51110014	
2005/11/10	05:43:12.32	0.19	8.06	49.9950	7.5380	3.3	2.2	140	10.0f		54	28	103	0.11	4.17	m i ke	BGR	51110004	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	3.1		NEIC	51110044
ML	3.5		LDG	51110034
ML	2.8		BENS	51110024
ML	3.0		LED	51110014
ML	3.1	0.2	15 BGR	51110004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABH	0.11	176.9	Pg	05:43:15.765	0.7					T__				m_e	
BGG	0.25	328.6	Pg	05:43:18.120	0.8					___				mdi	
BGG	0.25	328.6	Sg	05:43:21.140	0.4					___		1061.9	0.20	m_e	
HIL	0.63	298.8	Pg	05:43:24.960	0.7					___				mce	
HIL	0.63	298.8	Sg	05:43:33.510	1.1					___		1193.0	0.40	m_e	
TNS	0.63	68.3	Pg	05:43:24.623	0.4					T__				m_e	ML 3.0
TNS	0.63	68.3	PmP	05:43:25.310	-1.5					___				mdi	
TNS	0.63	68.3	Sg	05:43:33.095	0.7					T__	1.4			m_e	
STB	0.75	323.6	Pg	05:43:26.900	0.4					___				mde	
STB	0.75	323.6	Sg	05:43:36.790	0.6					___		337.8	0.20	m_e	
KTD	0.76	152.2	Pg	05:43:27.025	0.2					T__				m_e	
KTD	0.76	152.2	Sg	05:43:37.450	0.8					___				m__	
TOD	0.90	115.0	Pg	05:43:29.495	0.0					T__				m_e	
TOD	0.90	115.0	Sg	05:43:42.660	1.4					___				m__	
SWS	0.91	123.8	Pg	05:43:29.620	0.1					___				m_e	ML 3.1
WLF	0.95	250.2	Pg	05:43:29.935	-0.4					T__				m_e	ML 3.0
WLF	0.95	250.2	Sg	05:43:42.873	0.1					T__	4.5			m_e	
BNS	1.00	346.8	Pg	05:43:31.160	0.0					___				mde	
BNS	1.00	346.8	Sg	05:43:43.430	-0.6					___		495.1	0.60	m_e	
HOB	1.00	352.6	Pg	05:43:31.160	-0.0					___				mde	
HOB	1.00	352.6	Sg	05:43:43.450	-0.7					___		469.8	0.40	m_e	
KLL	1.02	310.3	Pg	05:43:31.210	-0.4					___				mde	
KLL	1.02	310.3	Sg	05:43:44.650	-0.2					___		98.8	0.50	m_e	
LANF	1.03	170.2	Pn	05:43:31.540	-0.6					___				mce	
LANF	1.03	170.2	Pg	05:43:31.572	-0.2					T__				m_e	
JUE	1.16	322.2	Pg	05:43:34.330	-0.0					___				m_e	
JUE	1.16	322.2	Sg	05:43:50.730	1.3					___				m_e	
LAU	1.41	344.7	Pg	05:43:37.280	-1.6					___				mce	
LAU	1.41	344.7	Sg	05:43:54.290	-2.8					___		154.2	0.70	m_e	
STRF	1.42	173.9	Sg	05:43:57.504	0.0					T__	4.9			m_e	
ROD	1.44	323.7	Sg	05:43:56.210	-1.9					___				m_e	
BUG	1.46	353.4	Pn	05:43:37.951	0.0					T__	2.8			m_e	ML 3.0
BUG	1.46	353.4	Sg	05:43:56.200	-2.5					T__	5.2			m_e	
SIND	1.49	115.0	P	05:43:38.290						___				m__	ML 3.1
LBG	1.56	147.9	Pn	05:43:40.020						___				m__	ML 3.0
WLS	1.59	184.4	Pn	05:43:39.539	-0.2					T__	4.5			m_e	
WLS	1.59	184.4	Pg	05:43:40.650	-1.6					___				m__	
BFO	1.74	162.4	Pn	05:43:42.245	0.4					T__	7.3			m_e	ML 2.8
BFO	1.74	162.4	Pg	05:43:45.369	0.1					T__				m_e	
BFO	1.74	162.4	Sg	05:44:05.969	-1.8					T__	5.5			m_e	
HROE	1.76	71.1	Pn	05:43:42.000	-0.1					___				mdi	ML 3.0
UBBA	1.77	61.4	Pg	05:43:45.249	-0.5					T__				m_e	ML 2.8
UBBA	1.77	61.4	Sg	05:44:09.109	0.4					T__	3.4			m_e	
TUBL	1.78	145.0	Sg	05:44:09.460	0.4					___				m__	ML 2.9
ECH	1.80	188.1	Pn	05:43:42.217	-0.4					T__	1.6			m_e	
ECH	1.80	188.1	Pg	05:43:44.420	-1.8					___				m__	
LIBD	1.84	178.7	Pg	05:43:46.840	-0.3					___				m__	
BUCH	1.95	141.8	Pn	05:43:45.280	0.7					___				m__	ML 2.9
BUCH	1.95	141.8	Sg	05:44:14.400	0.1					___				m__	
THEF	2.04	210.4	Pn	05:43:45.203	-0.6					T__	5.0			m_e	
KIZ	2.05	172.9	Pn	05:43:45.700	-0.4					___				m__	ML 3.0
KIZ	2.05	172.9	Sg	05:44:16.000	-1.6					___				m__	

SPAK	2.06	156.2	Sg	05:44:17.460	-0.4	---	---	m_		
FELD	2.14	171.6	Pg	05:43:52.640	-0.1	---	---	m_		
FELD	2.14	171.6	Sg	05:44:19.500	-0.9	---	---	m_		
MOF	2.16	187.2	Pn	05:43:46.925	-0.6	T_	1.5	m_e		
MOF	2.16	187.2	Pg	05:43:51.340	-1.7	---	---	m_		
MOF	2.16	187.2	Sg	05:44:17.620	-3.4	---	---	m_		
GUT	2.18	151.1	Pn	05:43:48.210	0.4	---	---	m_	ML	2.9
HDH	2.24	128.0	Sg	05:44:22.780	-0.8	---	---	m_	ML	2.8
IBBN	2.32	3.3	Pn	05:43:49.941	0.3	T_	1.6	m_e	ML	3.4
IBBN	2.32	3.3	Pg	05:43:55.413	-0.6	T_	---	m_e		
IBBN	2.32	3.3	Sg	05:44:24.305	-1.6	T_	3.9	m_e		
GRA1	2.39	95.9	Pg	05:43:57.603	0.1	T_	---	m_e	ML	3.3
GRA1	2.39	95.9	Sg	05:44:28.298	-0.2	T_	7.0	m_e		
SISB	2.49	157.3	Sg	05:44:30.420	-1.1	---	---	m_	ML	3.0
CLZ	2.57	43.0	Pn	05:43:53.006	-0.0	T_	2.8	m_e	ML	3.1
CLZ	2.57	43.0	Sg	05:44:33.904	-0.1	T_	2.2	m_e		
MOX	2.68	74.4	Pn	05:43:56.163	1.6	T_	1.6	m_e	ML	3.0
MOX	2.68	74.4	Pg	05:44:02.300	-0.6	---	---	m_e		
MOX	2.68	74.4	Sn	05:44:26.398	1.4	T_	2.0	m_e		
MOX	2.68	74.4	Sg	05:44:38.455	0.8	T_	1.9	m_e		
LOMF	2.69	190.3	Pg	05:44:01.611	-1.3	T_	---	m_e		
LOMF	2.69	190.3	Sg	05:44:35.410	-2.3	---	---	m_		
UBR	2.87	142.9	Pn	05:43:57.820	0.7	---	---	m_	ML	2.9
UBR	2.87	142.9	Sg	05:44:43.730	0.3	---	---	m_		
NEUB	2.95	64.1	Pg	05:44:06.403	-1.5	T_	---	m_e		
NEUB	2.95	64.1	Sg	05:44:46.506	0.4	T_	2.7	m_e		
NOTT	2.96	91.8	Pn	05:44:00.020	1.7	T_	3.3	m_e		
NOTT	2.96	91.8	Pg	05:44:08.106	0.0	T_	---	m_e		
NOTT	2.96	91.8	Sg	05:44:45.178	-1.2	T_	3.4	m_e		
NRDL	2.97	31.8	Pn	05:43:59.574	1.1	T_	1.0	m_e		
NRDL	2.97	31.8	Sg	05:44:46.205	-0.6	T_	2.1	m_e		
ROTZ	3.02	92.5	Pn	05:44:00.736	1.6	---	---	m_e		
WERD	3.08	79.7	Pn	05:44:01.048	1.0	T_	3.0	m_e	ML	3.2
WERD	3.08	79.7	Pg	05:44:08.908	-1.6	T_	---	m_e		
WERD	3.08	79.7	Sg	05:44:48.741	-1.6	T_	4.0	m_e		
GUNZ	3.09	81.3	Pn	05:44:01.094	1.0	T_	3.4	m_e	ML	3.2
GUNZ	3.09	81.3	Pg	05:44:10.136	-0.5	T_	---	m_e		
GUNZ	3.09	81.3	Sg	05:44:50.505	-0.1	T_	2.4	m_e		
TANN	3.18	80.5	Pn	05:44:02.377	1.1	T_	4.1	m_e	ML	3.3
TANN	3.18	80.5	Pg	05:44:10.898	-1.4	T_	18.9	m_e		
TANN	3.18	80.5	Sg	05:44:53.159	-0.2	T_	3.1	m_e		
WET	3.57	101.8	Pn	05:44:08.769	2.2	T_	7.8	m_e	ML	3.3
WET	3.57	101.8	Sg	05:45:04.153	-1.5	T_	4.2	m_e		
CLL	3.70	67.2	Pg	05:44:21.652	-0.5	T_	---	m_e	ML	3.3
CLL	3.70	67.2	Sg	05:45:09.456	-0.6	T_	2.9	m_e		
SCE	4.05	135.3	Pn	05:44:15.700	2.6	---	---	mCi		
GEC2	4.17	103.6	Pn	05:44:16.866	2.1	T_	7.6	m_e	ML	3.4
GEC2	4.17	103.6	Sn	05:45:03.282	3.3	T_	2.5	m_e		
GEC2	4.17	103.6	Sg	05:45:24.936	0.1	T_	3.3	m_e		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/10	06:16:40.80			49.8900	7.3900				10.0							m i uk	NEIC	51110043
2005/11/10	06:16:40.80	0.08	0.74	49.9770	7.4583	1.5	1.3	072	10.0	0.0	69	18	072			m i ke	LDG	51110033
2005/11/10	06:16:42.50	0.55	0.21	50.0480	7.5270				13.1	3.6	12	7	302	0.20	1.35	m i ke	BENS	51110023
2005/11/10	06:16:41.00	0.60	0.11	50.0000	7.5000	12.0	2.0	127	15.0f		8		254	0.12	2.03	m i ke	LED	51110013
2005/11/10	06:16:41.04	0.27	4.39	49.9770	7.5430	3.3	2.2	144	10.0f		30	20	102	0.10	4.16	m i ke	BGR	51110003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		NEIC	51110043
ML	2.9		LDG	51110033
ML	2.1		BENS	51110023
ML	2.4		LED	51110013
ML	2.5	0.3	13 BGR	51110003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABH	0.10	178.3	Pg	06:16:44.474	1.0					T__	186.1			m_e	
ABH	0.10	178.3	S*	06:16:46.330						---				m__	
BGG	0.27	330.0	Pg	06:16:46.860	0.5					---				mdi	
BGG	0.27	330.0	Sg	06:16:49.980	0.0					---		179.1	0.40	m_i	
TNS	0.63	66.7	Pg	06:16:53.690	0.7					T__	18.1			m_e	ML 2.2
TNS	0.63	66.7	PmP	06:16:54.070	-1.6					---				mdi	
TNS	0.63	66.7	Sg	06:17:02.873	1.6					T__	105.9			m_e	
HIL	0.64	300.1	Pg	06:16:53.740	0.6					---				mce	
HIL	0.64	300.1	Sg	06:17:02.300	0.8					---		239.0	0.40	m_e	
KTD	0.74	151.7	Pg	06:16:56.258	1.1					T__	1.9			m_e	
STB	0.76	324.2	Pg	06:16:55.760	0.2					---				m_e	
STB	0.76	324.2	Sg	06:17:06.030	0.6					---		78.2	0.50	m_e	
TOD	0.89	114.0	Pg	06:16:58.449	0.5					T__	5.1			m_e	
TOD	0.89	114.0	Sg	06:17:11.390	1.8					---				m__	
SWS	0.90	122.9	Pg	06:16:58.300	0.3					---				m__	ML 2.4
SWS	0.90	122.9	Sg	06:17:10.610	1.0					---				m__	
WLF	0.95	251.3	Pg	06:16:58.736	-0.3					T__	5.2			m_e	ML 2.3
WLF	0.95	251.3	Sg	06:17:11.580	0.2					T__	24.7			m_e	
LANF	1.01	170.2	Pg	06:17:00.452	0.3					T__	10.4			m_e	
LANF	1.01	170.2	Sg	06:17:13.257	-0.0					T__	4.1			m_e	
BNS	1.01	346.8	Sg	06:17:12.190	-1.2					---				m_e	
HOB	1.02	352.5	Pg	06:16:59.800	-0.4					---				mde	
HOB	1.02	352.5	Sg	06:17:11.980	-1.4					---		101.4	0.70	m_e	
KLL	1.03	310.9	Pg	06:16:59.750	-0.8					---				mde	
KLL	1.03	310.9	Sg	06:17:13.470	-0.5					---		18.8	0.50	m_e	
LAU	1.43	344.8	Sg	06:17:23.250	-3.2					---		27.6	0.80	m_e	
BUG	1.47	353.4	Sn	06:17:24.940	-0.4					T__				m_e	ML 2.3
SIND	1.48	114.4	Pn	06:17:07.010	0.1					---				m__	ML 2.4
WLS	1.57	184.6	Sg	06:17:29.460	-1.5					---				m__	
BFO	1.73	162.4	Pg	06:17:14.423	0.8					T__	4.2			m_e	ML 2.2
BFO	1.73	162.4	Sg	06:17:34.821	-1.1					T__	9.5			m_e	
UBBA	1.78	60.8	Pg	06:17:14.143	-0.5					T__	1.9			m_e	ML 2.2
UBBA	1.78	60.8	Sg	06:17:37.860	0.2					T__	6.9			m_e	
ECH	1.78	188.3	Sg	06:17:34.700	-2.9					---				m__	
BUCH	1.93	141.6	Sg	06:17:42.780	0.3					---				m__	ML 2.6
THEF	2.02	210.7	Pn	06:17:14.764	0.4					T__	1.2			m_e	
MOF	2.14	187.4	Pg	06:17:20.103	-1.3					T__	3.4			m_e	
GRA1	2.39	95.4	Sg	06:17:57.877	0.9					T__	5.8			m_e	ML 2.6

CLZ	2.58	42.6	Pg	06:17:28.352	-1.3	T__	2.9							m_e	ML	2.5
CLZ	2.58	42.6	Sg	06:18:03.657	0.6	T__	4.4							m_e		
MOX	2.68	74.0	Pg	06:17:31.436	-0.2	T__	1.8							m_e	ML	2.6
MOX	2.68	74.0	Sg	06:18:07.519	1.1	T__	3.4							m_e		
NOTT	2.95	91.5	Pg	06:17:37.181	0.4	T__	2.4							m_e		
NOTT	2.95	91.5	Sg	06:18:13.899	-1.0	T__	5.5							m_e		
WERD	3.08	79.4	Pg	06:17:39.807	0.6	T__	2.8							m_e	ML	2.5
WERD	3.08	79.4	Sg	06:18:18.459	-0.6	T__	2.6							m_e		
GUNZ	3.09	81.0	Sg	06:18:17.760	-1.5	T__	2.8							m_e	ML	2.6
TANN	3.18	80.2	Pg	06:17:40.643	-0.3	T__	1.9							m_e	ML	2.6
TANN	3.18	80.2	Sg	06:18:21.832	-0.2	T__	5.9							m_e		
WET	3.56	101.5	Sg	06:18:34.940	0.8	T__	3.6							m_e	ML	2.8
GEC2	4.16	103.4	Sg	06:18:53.839	0.5	T__	1.8							m_e	ML	2.8

Event 51110005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2005/11/10	13:52:55.80			49.3200	6.7700				1.0								m i uk	NEIC	51110045
2005/11/10	13:52:56.20	0.06	0.63	49.3250	6.8414	1.3	1.2	103	1.0f		67	24	044				m i si	LDG	51110035
2005/11/10	13:52:56.50	0.55	0.41	49.3360	6.8810				1.0f		9	5	326	0.92	2.02		m i ki	BENS	51110025
2005/11/10	13:52:56.30	0.40	0.55	49.3300	6.8300	5.0	3.0	112	1.0f		29	19	193	0.72	2.73		m i ki	LED	51110015
2005/11/10	13:52:55.56	0.25	5.87	49.3740	6.8350	4.4	3.3	105	1.0f		29	22	097	0.53	4.52		m i ki	BGR	51110005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		NEIC	51110045
ML	3.3		LDG	51110035
ML	2.6		BENS	51110025
ML	2.8		LED	51110015
ML	2.9	0.2	9 BGR	51110005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
WLF	0.53	303.5	Pg	13:53:07.073	1.5					T__	13.1			m_e		
WLF	0.53	303.5	Sg	13:53:12.370	-0.0					T__	22.9			m_e		
ABH	0.69	42.0	P*	13:53:09.730										mdi		
ABH	0.69	42.0	Pg	13:53:09.715	1.2					T__	32.3			m_e		
LANF	0.75	121.4	P*	13:53:09.780										m__		
LANF	0.75	121.4	Pg	13:53:09.659	0.0					T__	19.8			m_e		
KTD	0.82	93.3	Pg	13:53:11.561	0.6					T__	12.8			m_e		
BGG	0.89	21.0	Pg	13:53:13.700	1.3									m_e		
BGG	0.89	21.0	Sg	13:53:26.860	2.9							265.6	0.50	m_e		
HIL	0.92	353.9	Pg	13:53:14.510	1.5									m_e		
HIL	0.92	353.9	Sg	13:53:28.170	3.3									m_e		
STRF	1.00	141.9	Sg	13:53:29.984	2.7					T__	4.0			m_e		
WLS	1.02	160.3	Pg	13:53:14.226	-0.5					T__	29.3			m_e		
ECH	1.18	169.5	Pg	13:53:17.557	-0.2					T__	41.2			m_e		
SWS	1.22	84.1	Pg	13:53:18.420	-0.1									m__	ML	2.8
SWS	1.22	84.1	Sg	13:53:36.560	2.3									m__		
STB	1.22	0.1	Pg	13:53:19.570	1.0									m_e		
STB	1.22	0.1	Sg	13:53:36.780	2.5							131.4	0.60	m_e		
THEF	1.27	206.1	P	13:53:18.870										mdi		
THEF	1.27	206.1	Pg	13:53:18.821	-0.7					T__	74.2			m_e		



TOD	1.30	79.0	Pg	13:53:20.860	0.8	---	m_
TOD	1.30	79.0	Sg	13:53:39.220	2.4	---	m_
KLL	1.32	345.4	Pg	13:53:21.290	0.9	---	m_e
KLL	1.32	345.4	Sg	13:53:39.210	1.8	---	m_e
LIBD	1.32	157.2	P*	13:53:21.100		---	m_
LIBD	1.32	157.2	Pg	13:53:20.559	0.0	T_ 5.2	m_e
TNS	1.34	50.2	Pg	13:53:20.600	-0.3	T_ 4.7	m_e ML 2.8
TNS	1.34	50.2	Sg	13:53:40.200	2.0	T_ 55.6	m_e
BFO	1.43	136.1	Pg	13:53:22.789	0.2	T_ 10.5	m_e ML 2.7
BFO	1.43	136.1	Sg	13:53:39.925	-1.2	T_ 66.4	m_e
LBG	1.47	118.2	Pg	13:53:23.650	0.4	---	m_ ML 3.0
LBG	1.47	118.2	Sg	13:53:42.590	0.4	---	m_
MOF	1.54	172.5	Pn	13:53:23.381	0.1	T_ 3.1	m_e
MOF	1.54	172.5	Pg	13:53:24.330	-0.2	T_ 29.7	m_e
MOF	1.54	172.5	Sg	13:53:44.260	-0.1	---	m_
KIZ	1.59	152.8	Pg	13:53:25.150	-0.3	---	m_ ML 2.8
KIZ	1.59	152.8	Sg	13:53:45.200	-0.8	---	m_
STU	1.66	110.4	Sg	13:53:46.620	-1.6	T_ 2.9	m_e ML 2.7
FELD	1.69	152.3	Pg	13:53:27.358	0.0	T_ 1.8	m_e
FELD	1.69	152.3	Sg	13:53:48.420	-0.7	---	m_
SIND	1.80	89.7	Pn	13:53:26.800	-0.2	---	m_ ML 2.7
SIND	1.80	89.7	Sn	13:53:48.880	-0.4	---	m_
BUCH	1.90	118.2	Pg	13:53:32.380	1.1	---	m_ ML 2.9
BUCH	1.90	118.2	Sg	13:53:56.020	0.3	---	m_
LAU	1.98	2.0	Sg	13:53:56.420	-2.0	---	m_e
GUT	1.99	130.0	Pg	13:53:33.820	0.8	---	m_ ML 2.8
GUT	1.99	130.0	Sg	13:53:57.920	-0.9	---	m_
LOMF	2.02	180.1	Pn	13:53:29.295	-0.6	T_ 2.0	m_e
LOMF	2.02	180.1	Pg	13:53:33.055	-0.6	T_ 8.1	m_e
BUG	2.09	7.5	Sg	13:53:59.414	-2.4	T_ 2.7	m_e ML 2.9
SISB	2.20	139.3	S*	13:54:05.860		---	m_ ML 2.8
UBBA	2.49	53.4	Sg	13:54:14.710	-0.0	T_ 2.4	m_e ML 2.6
UBR	2.75	126.8	Pn	13:53:41.810	2.0	---	m_ ML 2.9
UBR	2.75	126.8	S*	13:54:23.300		---	m_
MOX	3.32	65.7	Pg	13:53:58.132	-0.1	T_ 1.8	m_e
CLZ	3.34	40.9	Sg	13:54:41.935	0.4	T_ 3.2	m_e ML 3.0
WERD	3.68	71.0	Sg	13:54:51.230	-1.3	T_ 2.0	m_e ML 2.9
TANN	3.77	71.8	Pg	13:54:06.000	-0.6	T_ 3.1	m_e ML 3.1
TANN	3.77	71.8	Sg	13:54:55.830	0.5	T_ 3.3	m_e
GEC2	4.52	94.1	Pn	13:54:05.565	1.7	T_ 4.2	m_e ML 3.0
GEC2	4.52	94.1	Sn	13:54:53.853	0.6	T_ 2.2	m_e

Event 51111005 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/11	22:48:43.10	0.13	0.50	51.5663	6.8383	2.2	1.7	043	1.0f		46	19	269			m i si	LDG	51111035
2005/11/11	22:48:43.20	1.26	0.51	51.5580	6.8820				1.0f		11	6	312	0.21	1.38	m i ki	BENS	51111025
2005/11/11	22:48:43.26	0.65	1.15	51.5010	6.8950	7.8	4.4	122	1.0f		9	5	198	0.24	2.18	m i ki	BGR	51111015
2005/11/11	22:48:43.00			51.5140	6.9350				1.0f				229	0.11	0.22	m i ki	BUG	51111005

(#PRIME)

Magnitude Err Nsta Author OrigID

ML	2.6		LDG	51111035
ML	1.8		BENS	51111025
ML	2.0	0.5	3 BGR	51111015
ML	1.2		BUG	51111005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.11	339.1	Pg	22:48:43.000	-2.2					T__				m__	ML 1.8
ZERL	0.11	339.1	Sg	22:48:44.500	-2.1					T__				m__	
LAU	0.16	178.0	Pg	22:48:46.950	0.9									m_e	
BUG	0.22	109.3	Pg	22:48:48.200	1.0					TA_				mde	ML 1.2
BUG	0.22	109.3	Sg	22:48:52.100	2.1					TA_				m__	
HOB	0.59	154.6	Pg	22:48:55.430	1.4									m_e	
HOB	0.59	154.6	Sg	22:49:04.230	2.6									m_e	
STB	0.92	183.8	Pg	22:49:01.760	1.4									m_e	
STB	0.92	183.8	Sg	22:49:14.840	2.5							33.9	0.60	m_e	
IBBN	0.94	32.4	Pg	22:49:01.061	0.3						2.6			m_e	ML 2.2
IBBN	0.94	32.4	Sg	22:49:14.453	1.6									m_e	
KLL	0.95	204.5	Pg	22:49:00.860	-0.1									mde	
KLL	0.95	204.5	Sg	22:49:15.660	2.4							25.2	0.20	m_e	
HIL	1.23	187.6	Pg	22:49:07.020	0.8									m_e	
HIL	1.23	187.6	Sg	22:49:23.810	1.7									m_e	
BGG	1.33	168.9	Pg	22:49:08.260	0.2									m_e	
BGG	1.33	168.9	Sg	22:49:27.510	2.2									m_e	
TNS	1.61	142.9	Pg	22:49:13.116	-0.1						2.3			m_e	ML 2.3
TNS	1.61	142.9	Sg	22:49:34.518	0.5									m_e	
WLF	1.91	195.3	Pg	22:49:19.515	0.4						1.5			m_e	
WLF	1.91	195.3	Sg	22:49:43.192	-0.6									m_e	
CLZ	2.16	79.9	Pn	22:49:19.943	0.8						0.9			m_e	
CLZ	2.16	79.9	Pg	22:49:24.914	1.3						2.0			m_e	
CLZ	2.16	79.9	Sg	22:49:52.588	1.1									m_e	

Event 51112004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/12	06:12:52.40	0.12	0.69	49.3479	6.8150	2.1	1.6	020	1.0f		23	11	136			m i s i	LDG	51112014
2005/11/12	06:12:52.83	0.61	1.26	49.3120	6.8500	8.9	6.7	062	1.0f		5	3	173	0.57	1.38	m i k i	BGR	51112004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	51112014
ML	2.0	0.1	2 BGR	51112004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	308.2	Pg	06:13:03.792	0.1					T__	2.5			m_e	
TNS	1.38	48.0	Pg	06:13:17.852	-0.9					T__	1.6			m_e	ML 2.0
TNS	1.38	48.0	Sg	06:13:37.223	0.7					T__				m_e	
BFO	1.38	134.7	Pg	06:13:19.454	0.6					T__	1.0			m_e	ML 1.9
BFO	1.38	134.7	Sg	06:13:36.631	-0.1					T__				m_e	

## Event 51112005 Calw/Black Forest

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/12	11:51:11.30	0.16	0.24	48.5682	9.0627	3.1	1.6	125	2.0	0.0	6	3	253			m i ke	LDG	51112015
2005/11/12	11:51:13.91	0.45	0.63	48.7010	8.7620	7.8	4.4	130	10.0f		5	3	142	0.29	1.54	m i se	BGR	51112005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	51112015
ML	1.5	0.1	2 BGR	51112005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.29	76.0	Pg	11:51:20.159	0.5					T__	1.4			m_e	ML 1.6
STU	0.29	76.0	Sg	11:51:23.461	-0.2					T__				m_e	
BFO	0.47	217.8	Pg	11:51:22.576	-0.3					T__	2.6			m_e	ML 1.5
BFO	0.47	217.8	Sg	11:51:29.262	0.2					T__				m_e	
TNS	1.54	352.5	Sg	11:52:02.731	-0.0					T__				m_e	

## Event 51112001 Laufenburg, N of Brugg/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/12	19:31:16.00	0.05	0.68	47.5130	8.1754	1.0	1.0	036	20.0f		159	40	020			m i ke	LDG	51112031
2005/11/12	19:31:16.62	0.11	0.16	47.5280	8.1680	1.5	0.9	353	19.0	1.0	20	16	176	0.37	2.06	m i ke	LED	51112021
2005/11/12	19:31:16.35	0.19		47.5520	8.1650	2.2	1.1	007	20.2	0.2	51	30	113	0.04	5.02	m i ke	BGR	51112011
2005/11/12	19:31:16.09			47.5000	8.2000				22.0							m i uk	SED	51112001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.3		LDG	51112031
ML	4.4		LED	51112021
ML	4.3	0.3	21 BGR	51112011
ML	4.1		SED	51112001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SULZ	0.07	296.1	Pg	19:31:19.978	-0.0					___	6280.			m_e	
SULZ	0.07	296.1	Sg	19:31:22.412	-0.3					___				m_e	
ZUR	0.29	116.9	Pg	19:31:23.444	0.7					___	2212.			m_e	
ZUR	0.29	116.9	Sg	19:31:28.382	1.2					___				m_e	
SLE	0.33	36.5	Pg	19:31:23.458	0.1					___	5292.			m_e	
SLE	0.33	36.5	Sg	19:31:28.298	-0.1					___				m_e	
FELD	0.40	340.8	Pg	19:31:24.326	-0.2					___	184.2			m_e	
BBS	0.47	265.9	Pg	19:31:25.615	-0.1					___	700.2			m_e	
WILA	0.49	99.9	Pg	19:31:26.823	0.8					___	1547.			m_e	
WILA	0.49	99.9	Sg	19:31:34.170	1.4					___				m_e	
KIZ	0.49	337.5	P*	19:31:25.820						___				mdi	ML 4.5
KIZ	0.49	337.5	S*	19:31:32.380						___				m_i	
SISB	0.55	69.8	P*	19:31:27.680						___				mci	ML 4.5
SISB	0.55	69.8	S*	19:31:35.840						___				m_i	
SISB	0.55	69.8	SmS	19:31:36.770	0.2					___				m__	
FBB	0.55	335.2	P*	19:31:26.980						___				mdi	
BOURR	0.66	261.3	Pg	19:31:29.219	0.1					___	2341.			m_e	
BOURR	0.66	261.3	Sg	19:31:38.117	0.0					___				m_e	
SPAK	0.72	32.9	Pg	19:31:29.959	-0.2					___	253.6			m_e	

LIBD	0.76	328.6	Pg	19:31:30.878	-0.1	77.2	m_e	
MOF	0.80	296.5	Pg	19:31:30.847	-0.8	980.4	m_e	
BFO	0.83	5.9	Pg	19:31:31.188	-1.1	980.4	m_e ML	4.1
BFO	0.83	5.9	Sg	19:31:42.112	-1.2		m_e	
GUT	0.84	46.8	P	19:31:31.620			m_ ML	4.2
GUT	0.84	46.8	S	19:31:43.890			m_	
LIENZ	0.90	102.6	Pn	19:31:33.983	1.2	157.4	m_e	
LIENZ	0.90	102.6	Sg	19:31:46.562	1.2		m_e	
LOMF	0.94	261.4	Pn	19:31:33.046	-0.3	20.3	m_e	
LOMF	0.94	261.4	Pg	19:31:34.079	-0.1	1732.	m_e	
ECH	1.00	316.1	Pn	19:31:33.467	-0.7	16.3	m_e	
WLS	1.07	328.5	Pn	19:31:34.795	-0.3	9.1	m_e	
DAVA	1.16	100.0	Pg	19:31:36.957	-1.3		m_e ML	4.2
DAVA	1.16	100.0	Sg	19:31:52.433	-1.0		m_e	
TUBL	1.18	29.7	Pn	19:31:36.040	-0.5		m_ ML	4.4
BUCH	1.22	38.7	Pn	19:31:36.590	-0.6		m_ ML	4.2
LBG	1.23	18.6	Pn	19:31:36.370	-0.9		m_ ML	4.4
LBG	1.23	18.6	Sn	19:31:54.530	2.2		m_	
UBR	1.30	81.3	Pn	19:31:39.170	1.0		m_ ML	4.4
OBER	1.42	93.0	Pn	19:31:41.200	1.4		mci ML	3.7
STU	1.43	27.2	Pn	19:31:39.080	-0.9	12.7	m_e ML	4.4
STU	1.43	27.2	Pg	19:31:42.524	-0.8	106.1	m_e	
STU	1.43	27.2	Sg	19:32:00.615	-1.4		m_e	
LANF	1.50	350.1	Pn	19:31:40.663	-0.3	159.5	m_e	
THEF	1.65	297.0	Pn	19:31:42.928	-0.0	12.7	m_e	
HDH	1.73	50.3	Pn	19:31:43.200	-0.8		m_ ML	4.2
KTD	1.82	357.6	Sg	19:32:16.770	2.5		m_	
SWS	2.01	9.3	Pn	19:31:46.880	-1.0		m_ ML	4.0
NORI	2.03	52.1	Pn	19:31:47.300	-0.8		mci ML	4.3
SIND	2.07	26.3	Pn	19:31:47.090	-1.6		m_ ML	4.2
TOD	2.14	10.5	Pn	19:31:48.751	-0.9	5.8	m_e	
FUR	2.17	71.1	Pn	19:31:50.725	0.8	1.9	m_e ML	4.5
FUR	2.17	71.1	Pg	19:31:57.254	0.1		m_e	
FUR	2.17	71.1	Sg	19:32:25.558	0.3		m_e	
ABH	2.42	350.0	Pn	19:31:54.689	1.3	22.9	m_e	
SCE	2.43	99.7	Pn	19:31:56.200	2.7		m_e ML	3.7
WLF	2.55	328.7	Pn	19:31:57.386	2.2	6.8	m_e ML	3.8
WLF	2.55	328.7	Sg	19:32:35.732	-1.7		m_e	
TNS	2.73	3.3	Pn	19:31:57.533	-0.0	13.0	m_e ML	4.0
TNS	2.73	3.3	Sg	19:32:42.528	-0.4		m_e	
GRA1	2.97	41.2	Pn	19:31:59.520	-1.3	5.0	m_e ML	4.5
GRA1	2.97	41.2	Pg	19:32:12.154	0.0		m_e	
GRA1	2.97	41.2	Sg	19:32:49.758	-0.8		m_e	
RJOB	3.11	83.9	Pn	19:32:05.000	2.3		mci ML	3.9
BGLD	3.25	85.5	Pn	19:32:06.700	2.1		mci ML	3.8
HROE	3.30	22.2	Pn	19:32:03.500	-1.8		mci ML	4.2
NOTT	3.47	46.8	Pn	19:32:06.220	-1.4	18.5	m_e	
ROTZ	3.49	47.9	Pn	19:32:06.671	-1.2		m_e ML	4.3
MZEK	3.49	43.7	Pn	19:32:06.300	-1.6		mci ML	4.0
WET	3.52	60.4	Pn	19:32:08.370	0.1	34.1	m_e ML	4.3
WET	3.52	60.4	Pg	19:32:22.374	-0.1		m_e	
WET	3.52	60.4	Sn	19:32:47.040	1.0		m_e	
WET	3.52	60.4	Sg	19:33:08.083	0.1		m_e	
UBBA	3.52	18.9	Pn	19:32:06.558	-1.8		m_e ML	4.3

MOX	3.86	34.2	Pn	19:32:11.195	-1.7	---	5.1							m_e	ML	4.5
MOX	3.86	34.2	Pg	19:32:28.100	-0.8	---								m_e		
MOX	3.86	34.2	Sg	19:33:17.531	-1.3	---								m_e		
GEC2	3.91	67.8	Pn	19:32:14.217	0.7	---	34.1							m_e	ML	4.3
GEC2	3.91	67.8	Pg	19:32:29.858	0.0	---								m_e		
GEC2	3.91	67.8	Sn	19:32:55.858	0.6	---								m_e		
GEC2	3.91	67.8	Sg	19:33:20.737	0.4	---								m_e		
GUNZ	3.94	41.9	Pn	19:32:12.202	-1.8	---	3.3							m_e	ML	4.6
GUNZ	3.94	41.9	Sg	19:33:19.500	-2.1	---								m_e		
BUG	3.99	351.6	Pn	19:32:15.557	0.9	---	3.2							m_e	ML	4.2
WERD	3.99	40.9	Pn	19:32:13.458	-1.2	---	3.6							m_e	ML	4.5
WERD	3.99	40.9	Pg	19:32:30.990	-0.4	---								m_e		
WERD	3.99	40.9	Sg	19:33:21.327	-1.8	---								m_e		
TANN	4.04	42.2	Pn	19:32:13.672	-1.7	---	3.3							m_e	ML	4.5
TANN	4.04	42.2	Pg	19:32:31.454	-0.9	---								m_e		
TANN	4.04	42.2	Sg	19:33:23.292	-1.3	---								m_e		
MOA	4.10	82.9	Pn	19:32:17.790	1.7	---								m_e	ML	4.0
NEUB	4.38	30.8	Pg	19:32:38.747	0.1	---								m_e		
NEUB	4.38	30.8	Sg	19:33:34.145	-1.2	---								m_e		
CLZ	4.56	17.1	Pn	19:32:21.105	-1.3	---	2.3							m_e	ML	4.5
CLZ	4.56	17.1	Sg	19:33:39.718	-1.5	---								m_e		
CLL	4.92	37.6	Pn	19:32:25.989	-1.3	---	2.6							m_e	ML	4.5
CLL	4.92	37.6	Pg	19:32:54.300	5.3	---								m_i		
CLL	4.92	37.6	Sg	19:33:50.338	-2.3	---								m_e		
BRG	5.04	45.9	Pn	19:32:45.450	16.5	---								m_e	ML	4.4
BRG	5.04	45.9	Sg	19:33:55.014	-1.4	---								m_e		

Event 51113001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/13	10:19:20.40	0.25	1.43	49.3947	6.9461	4.5	2.6	041	1.0f		17	10	187			m i s i	LDG	51113011
2005/11/13	10:19:20.48	0.32	1.50	49.3730	6.8800	4.4	3.3	041	1.0f		12	9	107	0.56	4.50	m i k i	BGR	51113001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	51113011
ML	1.7	0.2	2 BGR	51113001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	302.0	Pg	10:19:31.493	0.5					T__	2.7			m_e	ML 1.5
WLF	0.56	302.0	Sg	10:19:37.565	-0.6					T__				m_e	
LANF	0.72	122.6	Pg	10:19:33.828	-0.2					T__	3.8			m_e	
WLS	1.01	161.9	Pg	10:19:40.233	0.7					T__	3.8			m_e	
ECH	1.17	170.9	Pg	10:19:42.764	0.2					T__	2.9			m_e	
TOD	1.27	78.7	Pg	10:19:44.016	-0.4					T__	3.4			m_e	
THEF	1.29	207.3	Pg	10:19:44.711	0.0					T__	4.2			m_e	
TNS	1.32	49.4	Pg	10:19:45.336	-0.0					T__	2.1			m_e	ML 1.9
TNS	1.32	49.4	Sg	10:20:03.034	0.6					T__				m_e	
BFO	1.41	137.0	Pg	10:19:47.373	0.3					T__	3.3			m_e	
BFO	1.41	137.0	Sg	10:20:04.847	-0.5					T__				m_e	
GEC2	4.50	94.2	Pn	10:20:29.688	1.3					T__	2.8			m_e	

Event 51113002 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
2005/11/13	10:42:20.20	0.05	0.76	48.2902	7.4305	1.3	0.9	157	9.0f		47	17	035			m i ke	LDG	51113022
2005/11/13	10:42:20.20	0.20	0.34	48.2700	7.4500	2.0	2.0	018	5.0f		34		068	0.16	0.47	m i ke	LED	51113012
2005/11/13	10:42:20.02	0.26	1.51	48.2860	7.4730	3.3	2.2	158	5.0f		18	15	062	0.15	4.16	m i ke	BGR	51113002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		LDG	51113022
ML	2.3		LED	51113012
ML	2.2	0.3	4 BGR	51113002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.15	328.0	P*	10:42:23.240											
WLS	0.15	328.0	Pg	10:42:23.148	0.2					T__	191.0			m_e	
LIBD	0.16	147.4	P*	10:42:23.740										md_	
LIBD	0.16	147.4	Pg	10:42:23.681	0.5					T__	18.1			m_e	
ECH	0.22	251.6	P*	10:42:24.270										mc_	
ECH	0.22	251.6	Pg	10:42:24.206	-0.1					T__	85.0			m_e	
ECH	0.22	251.6	S*	10:42:27.390										m_	
KIZ	0.44	137.8	P*	10:42:29.790										m_	
KIZ	0.44	137.8	S*	10:42:34.270										m_	
MOF	0.49	207.7	P*	10:42:29.490										mc_	
MOF	0.49	207.7	Pg	10:42:29.420	0.1					T__	12.1			m_e	
BFO	0.57	85.3	Pg	10:42:30.988	0.2					T__	9.2			m_e	ML 1.8
BFO	0.57	85.3	Sg	10:42:38.570	0.3					T__				m_e	
LANF	0.73	17.4	Pg	10:42:34.463	0.7					T__	11.7			m_e	
BBS	0.82	178.3	Pg	10:42:35.852	0.3					T__	10.1			m_e	
THEF	0.99	267.2	Pg	10:42:38.829	0.2					T__	7.8			m_e	
LOMF	1.03	205.1	Pg	10:42:39.535	0.1					T__	18.4			m_e	
STU	1.24	66.3	Pg	10:42:45.159	1.8									m_e	ML 2.3
STU	1.24	66.3	Sg	10:43:00.056	0.7					T__				m_e	
WLF	1.63	328.3	Pg	10:42:50.570	-0.1					T__	2.8			m_e	
WLF	1.63	328.3	Sg	10:43:11.700	-0.1					T__				m_e	
TNS	2.04	17.8	Sg	10:43:24.981	0.2					T__				m_e	ML 2.5
GRA1	2.83	58.8	Pg	10:43:14.164	0.8					T__	3.4			m_e	
GRA1	2.83	58.8	Sg	10:43:49.729	-0.3					T__				m_e	
MOX	3.58	47.2	Sg	10:44:14.643	0.9									m_e	
WET	3.67	74.5	Sn	10:43:58.630	1.8									m_e	
WET	3.67	74.5	Sg	10:44:16.139	-0.4					T__				m_e	
WERD	3.82	53.7	Sg	10:44:19.519	-1.8									m_e	
TANN	3.88	54.9	Sg	10:44:22.233	-1.2									m_e	
GEC2	4.16	79.9	Sg	10:44:32.038	-0.1					T__				m_e	

Event 930370 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
2005/11/13	10:48:42.00	0.05	0.15	48.2906	7.4390	1.0	0.6	120	8.0f		14	6	185			m i ke	LDG	930380

Magnitude Err Nsta Author OrigID  
ML 2.3 LDG 930380

Event 51113007 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/13	14:52:01.72	1.85		49.9230	18.5140	17.8	13.3	107	1.0f		7	6	319	3.06	4.71	m i ki	BGR	51113007

Magnitude Err Nsta Author OrigID  
ML 3.4 0.3 4 BGR 51113007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	3.06	289.8	Pg	14:52:58.636	-0.8					T__				m_e ML	3.1
BRG	3.06	289.8	Sg	14:53:39.017	-0.0					T__				m_e	
GEC2	3.31	252.9	Sg	14:53:47.033	0.1					T__				m_e ML	3.3
WET	3.74	260.1	Sg	14:54:00.728	0.2					T__				m_e ML	3.4
CLL	3.76	293.7	Sg	14:54:01.783	0.6					T__				m_e	
NOTT	4.12	270.9	Pg	14:53:17.445	-1.9					T__				m_e	
GRA1	4.71	270.0	Sg	14:54:32.715	1.4					T__				m_e ML	3.7

Event 51113005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/13	18:27:53.90	0.14	0.64	49.3141	6.8576	2.6	1.9	041	1.0f		31	13	176			m i si	LDG	51113015
2005/11/13	18:27:54.69	0.45	0.96	49.3260	6.8330	7.8	4.4	037	1.0f		6	4	172	0.56	4.52	m i ki	BGR	51113005

(#PRIME)

Magnitude Err Nsta Author OrigID  
ML 2.6 LDG 51113015  
ML 1.9 0.2 3 BGR 51113005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	307.7	Pg	18:28:05.070	-0.1					T__	3.6			m_e ML	1.7
WLF	0.56	307.7	Sg	18:28:12.461	0.1					T__				m_e	
TNS	1.37	48.7	Pg	18:28:19.773	-0.8					__	4.2			m_e ML	2.0
TNS	1.37	48.7	Sg	18:28:38.235	-0.1					T__				m_e	
BFO	1.40	134.7	Pg	18:28:20.790	-0.3					T__	3.5			m_e ML	2.0
BFO	1.40	134.7	Sg	18:28:39.151	-0.0					T__				m_e	
GEC2	4.52	93.5	Pn	18:29:03.690	0.7					T__	1.3			m_e	

Event 51114003 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/14	07:08:04.10	0.13	0.29	51.5709	6.8493	2.3	1.6	028	1.0f		26	12	270			m i si	LDG	51114033
2005/11/14	07:08:04.30	0.95	0.41	51.5560	6.8610				1.0f		11	7	311	0.21	1.38	m i ki	BENS	51114023
2005/11/14	07:08:01.76	0.82	1.25	51.5490	6.7270	8.9	4.4	120	1.0f		8	5	209	0.35	2.28	m i ki	BGR	51114013
2005/11/14	07:08:03.40			51.5920	6.9160				1.0f				190	0.04	0.27	m i ki	BUG	51114003







KLL	1.32	343.6	Sg	01:59:14.780	0.1	---	235.7	0.80	m_e		
BFO	1.41	137.6	Pn	01:58:57.562	-1.2	---	4.1		m_e	ML	2.8
BFO	1.41	137.6	Pg	01:58:59.280	0.0	T_			m_		
BFO	1.41	137.6	Sg	01:59:17.710	0.2	T_			m_		
LBG	1.43	119.2	P	01:58:58.000		T_			m_	ML	3.1
LBG	1.43	119.2	Pg	01:58:59.740	0.0	T_			m_		
LBG	1.43	119.2	Sg	01:59:17.580	-0.7	---			m_		
MOF	1.54	174.2	P	01:58:59.960		---			m_		
MOF	1.54	174.2	Pg	01:59:01.350	-0.3	T_			m_		
MOF	1.54	174.2	Sg	01:59:21.660	0.2	T_			m_		
JUE	1.56	348.5	Sg	01:59:20.420	-1.9	---			m_e		
KIZ	1.57	154.3	P	01:58:59.660		T_			m_	ML	3.0
KIZ	1.57	154.3	Pg	01:59:02.030	-0.3	T_			m_		
KIZ	1.57	154.3	Sg	01:59:22.420	-0.3	---			m_		
BNS	1.59	6.3	Pg	01:59:02.430	-0.3	---			m_e		
BNS	1.59	6.3	Sg	01:59:22.140	-1.2	---		926.4	0.90	m_i	
STU	1.62	111.2	Pn	01:59:00.797	-0.8	---	2.3		m_e	ML	3.1
STU	1.62	111.2	Sg	01:59:23.476	-0.7	---	3.0		m_e		
HOB	1.63	9.7	Pg	01:59:02.720	-0.7	---			m_e		
HOB	1.63	9.7	Sg	01:59:22.440	-2.0	---			m_e		
FELD	1.67	153.7	Pg	01:59:04.100	-0.1	T_			m_		
FELD	1.67	153.7	Sg	01:59:26.460	0.7	T_			m_		
SIND	1.76	90.0	P	01:59:02.430		T_			m_d	ML	3.1
SPAK	1.78	135.1	Pg	01:59:06.190	-0.1	T_			m_		
BUCH	1.86	119.1	P	01:59:04.480		T_			m_	ML	3.2
BUCH	1.86	119.1	Pg	01:59:07.730	-0.0	T_			m_		
BBS	1.96	167.9	Pg	01:59:10.080	0.5	T_			m_		
GUT	1.96	131.0	P	01:59:06.260		---			m_	ML	3.0
GUT	1.96	131.0	Pg	01:59:09.520	-0.2	T_			m_		
LAU	1.97	0.8	Pg	01:59:05.780	-4.1	---			m_e		
LOMF	2.03	181.4	Pg	01:59:11.230	0.3	T_			m_		
LOMF	2.03	181.4	Sg	01:59:37.300	0.1	T_			m_		
BUG	2.07	6.4	Pn	01:59:08.642	0.9	---	2.4		m_e		
BUG	2.07	6.4	Pg	01:59:11.360	-0.4	---	7.1		m_e		
BUG	2.07	6.4	Sg	01:59:41.279	2.7	---			m_e		
SISB	2.18	140.3	P*	01:59:13.540		T_			m_	ML	3.0
HDH	2.31	108.9	Sg	01:59:47.660	1.5	---			m_	ML	3.0
HROE	2.39	59.9	Pn	01:59:11.700	-0.4	---			m_c	ML	3.2
UBBA	2.45	52.9	Pg	01:59:18.749	-0.2	---	3.8		m_e		
UBBA	2.45	52.9	Sg	01:59:50.965	0.3	---	3.3		m_e		
NORI	2.53	103.7	Pn	01:59:13.700	-0.2	---			m_d	ML	3.2
UBR	2.72	127.4	P	01:59:17.040		T_			m_	ML	3.1
GRA1	2.82	82.0	Sg	02:00:02.733	0.4	---			m_e	ML	3.6
FUR	3.13	111.2	Sg	02:00:08.883	-3.2	---			m_e		
MOX	3.28	65.6	Pn	01:59:23.942	-0.2	---	3.7		m_e		
MOX	3.28	65.6	Pg	01:59:33.308	-1.3	---	7.2		m_e		
MOX	3.28	65.6	Sn	02:00:02.100	0.9	---			m_e		
MOX	3.28	65.6	Sg	02:00:16.871	-0.1	---	2.2		m_e		
MZEK	3.32	78.0	Pn	01:59:25.900	1.3	---			m_c	ML	3.1
NOTT	3.41	80.8	Sg	02:00:21.316	0.2	---	2.8		m_e		
ROTZ	3.46	81.6	Pn	01:59:27.336	0.7	---			m_e		
NEUB	3.61	57.7	Sg	02:00:28.355	1.0	---	2.6		m_e		
GUNZ	3.64	72.2	Pn	01:59:29.866	0.9	---	2.8		m_e		
GUNZ	3.64	72.2	Pg	01:59:41.191	-0.0	---	6.8		m_e		

GUNZ	3.64	72.2	Sg	02:00:28.652	0.5	---	2.7											m_e	
WERD	3.64	70.9	Pn	01:59:29.854	0.8	---												m_e ML	3.5
WERD	3.64	70.9	Pg	01:59:40.881	-0.4	---	6.0											m_e	
WERD	3.64	70.9	Sg	02:00:28.781	0.4	---	3.8											m_e	
TANN	3.73	71.8	Pg	01:59:42.675	-0.3	---	3.9											m_e	
TANN	3.73	71.8	Sg	02:00:31.370	0.2	---	2.9											m_e	
WET	3.91	91.2	Pn	01:59:33.395	0.8	---	12.7											m_e	
WET	3.91	91.2	Pg	01:59:45.331	-1.0	---	1.5											m_e	
RJOB	4.23	110.6	Pn	01:59:38.800	1.8	---												mdi ML	3.0
CLL	4.34	61.3	Pg	01:59:53.000	-1.6	---												m_e ML	3.6
CLL	4.34	61.3	Sn	02:00:28.000	1.9	---												m_e	
CLL	4.34	61.3	Sg	02:00:50.500	-0.2	---												m_i	
GEC2	4.48	94.3	Pn	01:59:41.358	0.9	---	36.0											m_e	

Event 51115005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/15	13:43:56.60	0.34	0.11	49.3560	6.9430				1.0f			6	4 326	0.89	1.35	m i ki	BENS	51115025
2005/11/15	13:43:56.10	0.08	0.69	49.3313	6.8170	1.6	1.5	095	1.0f			45	19 044			m i si	LDG	51115015
2005/11/15	13:43:55.93	0.41	1.20	49.3440	6.8300	5.6	3.3	029	1.0f			9	5 171	0.54	3.69	m i ki	BGR	51115005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		BENS	51115025
ML	3.1		LDG	51115015
ML	2.3	0.3	3 BGR	51115005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.54	306.3	Pg	13:44:06.688	0.5					T__	9.5			m_e ML	2.0
WLF	0.54	306.3	Sg	13:44:12.745	-0.5					T__	3.2			m_e	
BGG	0.92	20.6	Pg	13:44:13.300	-0.0									m_e	
BGG	0.92	20.6	Sg	13:44:25.880	0.6							77.9	0.30	m_e	
HIL	0.95	354.2	Pg	13:44:14.580	0.7									m_e	
STB	1.25	0.3	Pg	13:44:19.550	0.1									m_e	
STB	1.25	0.3	Sg	13:44:36.130	0.5							68.1	0.50	m_e	
KLL	1.34	345.9	Pg	13:44:20.910	-0.4									m_e	
TNS	1.36	49.3	Pn	13:44:21.412	0.0					T__	10.6			m_e ML	2.5
TNS	1.36	49.3	Sg	13:44:39.946	0.7					T__	3.3			m_e	
BFO	1.41	135.2	Pg	13:44:22.625	0.0					T__	6.1			m_e ML	2.4
BFO	1.41	135.2	Sg	13:44:41.079	0.2					T__	7.3			m_e	
HGN	1.53	338.2	Pn	13:44:23.617	-0.0					T__	0.9			m_e	
HGN	1.53	338.2	Pg	13:44:24.875	0.1					T__	3.8			m_e	
GUNZ	3.69	71.9	Sg	13:45:52.741	-0.4					T__	2.6			m_e	

Event 930375 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
2005/11/15	20:51:44.20	0.08	0.13	48.2881	7.4482	1.8	0.8	126	8.3	0.5	11	4	201			m i ke	LDG	930395

Magnitude	Err	Nsta	Author	OrigID
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ML 2.1 LDG 930395

Event 51116002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/16	01:18:47.30	0.37	0.83	51.5756	6.7252	6.7	5.6	044	1.0f		32	17	280			m i si	LDG	51116032
2005/11/16	01:18:47.20	0.88	0.31	51.5560	6.8650				1.0f		16	8	286	0.21	1.38	m i ki	BENS	51116022
2005/11/16	01:18:46.56	0.28	1.96	51.5350	6.9420	3.3	2.2	088	1.0f		14	8	128	0.22	3.07	m i ki	BGR	51116012
2005/11/16	01:18:46.30			51.5220	6.9040				1.0f				238	0.10	0.24	m i ki	BUG	51116002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	51116032
ML	1.9		BENS	51116022
ML	2.2	0.2	4 BGR	51116012
ML	1.3		BUG	51116002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.10	347.8	Pg	01:18:46.900	-1.3					T__				m__	ML 1.9
ZERL	0.10	347.8	Sg	01:18:48.400	-1.1					T__				m__	
LAU	0.17	171.7	Pg	01:18:51.020	1.5									m_e	
LAU	0.17	171.7	Sg	01:18:54.630	2.8							181.6	0.60	m_e	
BUG	0.24	109.5	Pg	01:18:51.900	1.0					TA_				mde	ML 1.3
BUG	0.24	109.5	Sg	01:18:56.000	2.0					TA_				m__	
WTSB	0.45	351.7	Pg	01:18:54.034	-0.7						12.5			m_e	
WTSB	0.45	351.7	Sg	01:19:00.930	0.4						2.3			m_e	
BNS	0.58	162.9	Pg	01:18:59.360	2.1									m_e	
BNS	0.58	162.9	Sg	01:19:08.190	3.3									m_e	
ROD	0.59	230.4	Pg	01:18:58.080	0.7									m_e	
ROD	0.59	230.4	Sg	01:19:06.980	2.0									m_e	
HOB	0.60	153.3	Pg	01:18:59.730	2.1									m_e	
HOB	0.60	153.3	Sg	01:19:07.950	2.5									m_e	
STB	0.93	182.5	Pg	01:19:05.410	1.6									m_e	
STB	0.93	182.5	Sg	01:19:18.960	3.1							46.7	0.40	m_e	
IBBN	0.94	33.6	Pg	01:19:03.455	-0.7						3.4			m_e	ML 2.2
KLL	0.95	203.3	Pg	01:19:05.530	1.3									m_e	
KLL	0.95	203.3	Sg	01:19:19.320	2.8									m_e	
HGN	0.97	219.2	Pg	01:19:05.598	1.0						31.2			m_e	
HGN	0.97	219.2	Sg	01:19:19.229	2.0						15.3			m_e	
HIL	1.24	186.6	Pg	01:19:11.100	1.5									m_e	
HIL	1.24	186.6	Sg	01:19:28.030	2.4									m_e	
WIT	1.30	353.7	Pg	01:19:10.743	-0.0						2.9			m_e	
WIT	1.30	353.7	Sg	01:19:28.377	0.8						1.5			m_e	
BGG	1.34	168.1	Pg	01:19:12.060	0.4									m_e	
BGG	1.34	168.1	Sg	01:19:31.540	2.6							36.1	0.30	m_e	
TNS	1.62	142.6	Pg	01:19:17.031	0.1						3.2			m_e	ML 2.0
TNS	1.62	142.6	Sg	01:19:38.256	0.4						4.3			m_e	
WLF	1.92	194.7	Pg	01:19:23.378	0.9						2.6			m_e	ML 2.1
WLF	1.92	194.7	Sg	01:19:47.181	-0.0						2.7			m_e	
CLZ	2.17	80.2	Pg	01:19:26.160	-1.1									m_e	ML 2.3
CLZ	2.17	80.2	Sg	01:19:55.375	0.0						3.3			m_e	



KLL	0.95	199.5	Sg	01:36:35.080	3.7	---	---	---	---	---	---	92.3	0.30	m_e				
STB	0.95	178.9	Pg	01:36:21.330	2.2	---	---	---	---	---	---	---	---	---	m_e			
STB	0.95	178.9	Sg	01:36:34.870	3.5	---	---	---	---	---	---	57.6	0.70	m_e				
HGN	0.96	215.6	Pg	01:36:21.637	2.4	---	---	---	---	24.3	---	---	---	---	m_e			
HGN	0.96	215.6	Sg	01:36:35.513	4.0	---	---	---	---	15.0	---	---	---	---	m_e			
IBBN	0.96	37.1	Pg	01:36:19.316	0.0	---	---	---	---	5.0	---	---	---	---	m_e	ML	2.2	
IBBN	0.96	37.1	Sg	01:36:32.118	0.4	---	---	---	---	4.3	---	---	---	---	m_e			
HIL	1.25	183.8	Sg	01:36:44.070	3.0	---	---	---	---	---	---	57.6	0.70	m_e				
WIT	1.27	356.1	Pg	01:36:26.447	1.3	---	---	---	---	3.0	---	---	---	---	m_e			
WIT	1.27	356.1	Sg	01:36:45.029	3.4	---	---	---	---	2.0	---	---	---	---	m_e			
BGG	1.38	165.9	Pg	01:36:28.100	0.9	---	---	---	---	---	---	---	---	---	m_e			
BGG	1.38	165.9	Sg	01:36:46.930	2.0	---	---	---	---	---	---	46.2	0.10	m_e				
TNS	1.68	141.4	Sg	01:36:55.233	0.8	---	---	---	---	2.4	---	---	---	---	m_e	ML	2.1	
WLF	1.93	192.8	Pg	01:36:39.370	1.9	---	---	---	---	3.6	---	---	---	---	m_e			
WLF	1.93	192.8	Sg	01:37:02.902	0.5	---	---	---	---	2.4	---	---	---	---	m_e			
CLZ	2.23	80.9	Pn	01:36:38.081	-0.3	---	---	---	---	4.2	---	---	---	---	m_e			
CLZ	2.23	80.9	Sg	01:37:11.424	-0.5	---	---	---	---	2.6	---	---	---	---	m_e			
WERD	3.63	105.4	Pn	01:36:58.363	1.0	---	---	---	---	2.7	---	---	---	---	m_e			
TANN	3.73	105.4	Pn	01:36:59.963	1.2	---	---	---	---	2.6	---	---	---	---	m_e			
TANN	3.73	105.4	Sg	01:37:59.095	-0.6	---	---	---	---	1.5	---	---	---	---	m_e			

Event 51118004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/18	11:58:59.90	1.02	0.41	49.3570	6.7870				1.0f		10	5	324	0.92	1.66	m i ki	BENS	51118024
2005/11/18	11:58:58.80	0.09	0.74	49.3203	6.8069	2.1	1.7	093	1.0f		40	17	044			m i si	LDG	51118014
2005/11/18	11:58:58.52	0.21	2.06	49.3240	6.8080	2.2	1.1	083	1.0f		29	15	102	0.55	2.14	m i ki	BGR	51118004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		BENS	51118024
ML	3.1		LDG	51118014
ML	2.5	0.1	2 BGR	51118004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	308.9	Pg	11:59:09.217	0.4					T__	5.5			m_e	
WLF	0.55	308.9	Sg	11:59:15.905	0.1					T__	2.5			m_e	
ABH	0.74	40.4	Pg	11:59:12.121	-0.3					T__				m_e	
ABH	0.74	40.4	Sg	11:59:22.583	0.7					T__	3.5			m_e	
LANF	0.74	117.4	Pg	11:59:12.179	-0.2					T__				m_e	
LANF	0.74	117.4	Sg	11:59:21.899	-0.0					T__	1.7			m_e	
KTD	0.83	89.8	Pg	11:59:14.676	0.5					T__				m_e	
KTD	0.83	89.8	Sg	11:59:25.679	0.7					T__	2.3			m_e	
BGG	0.95	20.9	Pg	11:59:17.220	0.9					---				m_e	
BGG	0.95	20.9	Sg	11:59:30.030	1.5					---		69.6	0.30	m_e	
HIL	0.97	355.2	Pg	11:59:17.810	1.0					---				m_e	
HIL	0.97	355.2	Sg	11:59:31.200	1.8					---		158.2	0.50	m_e	
ECH	1.13	168.1	Pg	11:59:20.036	0.2					T__				m_e	
ECH	1.13	168.1	Sg	11:59:34.921	0.4					T__	10.1			m_e	
THEF	1.22	206.4	Pg	11:59:21.309	-0.2					T__				m_e	
THEF	1.22	206.4	Sg	11:59:37.566	0.3					T__	3.0			m_e	
STB	1.27	0.9	Pg	11:59:22.580	0.1					---				m_e	

STB	1.27	0.9	Sg	11:59:39.260	0.4																40.8	0.50	m_e				
LIBD	1.29	155.6	Pg	11:59:23.066	0.3																			m_e			
TOD	1.33	77.0	Pn	11:59:22.448	-1.0							2.7												m_e			
TOD	1.33	77.0	Sg	11:59:40.980	0.3							3.8												m_e			
KLL	1.36	346.6	Pg	11:59:23.950	-0.2																			m_e			
KLL	1.36	346.6	Sg	11:59:40.370	-1.4																		23.9	0.90	m_e		
TNS	1.39	49.1	Pn	11:59:24.174	-0.1							2.8												m_e	ML	2.5	
TNS	1.39	49.1	Sg	11:59:42.559	-0.1							3.1												m_e			
BFO	1.41	134.2	Pn	11:59:23.822	-0.8							1.2												m_e	ML	2.4	
BFO	1.41	134.2	Pg	11:59:25.191	0.1																			m_e			
BFO	1.41	134.2	Sg	11:59:43.602	0.2							8.9												m_e			
MOF	1.49	171.6	Pg	11:59:26.839	0.3																			m_e			
MOF	1.49	171.6	Sg	11:59:45.974	0.2							9.8												m_e			
HGN	1.55	339.0	Pn	11:59:26.226	-0.2							1.3												m_e			
HGN	1.55	339.0	Pg	11:59:27.795	0.1																			m_e			
HGN	1.55	339.0	Sg	11:59:47.861	0.2							5.6												m_e			
FELD	1.65	150.9	Sg	11:59:50.247	-0.7							3.1												m_e			
HOB	1.69	11.3	Pg	11:59:29.250	-1.2																			m_e			
HOB	1.69	11.3	Sg	11:59:49.750	-2.6																		69.7	1.10	m_e		
LOMF	1.97	179.6	Pg	11:59:35.728	0.0																			m_e			
LOMF	1.97	179.6	Sg	12:00:01.141	-0.1							2.1												m_e			
BUG	2.14	7.7	Pg	11:59:38.341	-0.5																			m_e			

Event 51118005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/18	18:46:26.90	0.14	1.15	49.3798	6.8617	2.6	2.5	105	1.0f		16	8	101			m i s i	LDG	51118015
2005/11/18	18:46:26.99	0.30	1.72	49.3700	6.8610	3.3	2.2	116	1.0f		16	9	106	0.55	1.53	m i k i	BGR	51118005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	51118015
ML	1.8	0.1	2 BGR	51118005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
WLF	0.55	302.9	Pg	18:46:37.682	0.4					T__	2.2				m_e		
WLF	0.55	302.9	Sg	18:46:44.144	-0.2					T__	4.2				m_e		
LANF	0.73	121.9	Pg	18:46:40.245	-0.5					T__	3.4				m_e		
LANF	0.73	121.9	Sg	18:46:50.238	0.1					T__	2.2				m_e		
KTD	0.80	93.1	Pg	18:46:42.579	0.5					T__	1.8				m_e		
ECH	1.17	170.3	Pg	18:46:49.274	0.2					T__	3.1				m_e		
ECH	1.17	170.3	Sg	18:47:04.375	0.2					T__	4.4				m_e		
THEF	1.28	206.9	Pg	18:46:50.998	-0.1					T__	5.5				m_e		
THEF	1.28	206.9	Sg	18:47:07.226	-0.3					T__	2.4				m_e		
TOD	1.28	78.7	Pg	18:46:50.354	-0.8					T__	3.4				m_e		
TOD	1.28	78.7	Sg	18:47:07.658	-0.1					T__	3.7				m_e		
TNS	1.33	49.6	Pn	18:46:51.802	-0.2					T__					m_e	ML	1.9
TNS	1.33	49.6	Sg	18:47:10.106	0.8					T__	2.5				m_e		
BFO	1.42	136.5	Pn	18:46:53.631	0.4					T__					m_e	ML	1.7
BFO	1.42	136.5	Sg	18:47:11.885	-0.2					T__	2.6				m_e		
MOF	1.53	173.1	Sg	18:47:16.079	0.5					T__	3.5				m_e		

Event 51119301 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/19	01:26:27.30	0.24	0.76	51.5869	6.8369	4.1	2.6	030	1.0f		30	14	270			m i si	LDG	51119331
2005/11/19	01:26:27.80	1.28	0.51	51.5610	6.8640				1.0f		16	8	287	0.22	1.39	m i ki	BENS	51119321
2005/11/19	01:26:24.76	1.09		51.5900	6.8760	22.2	8.9	136	1.0f		8	5	230	0.29	2.18	m i ki	BGR	51119311
2005/11/19	01:26:26.00			51.5310	6.8140				1.0f							m i ki	BUG	51119301

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	51119331
ML	2.1		BENS	51119321
ML	2.2	0.3	4 BGR	51119311
ML	1.6		BUG	51119301

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAU	0.20	155.7	Pg	01:26:31.560	1.8									m_e	
LAU	0.20	155.7	Sg	01:26:35.220	2.9							174.6	0.50	m_e	
BUG	0.30	107.5	Pg	01:26:32.600	1.0					TA_				mde	ML 1.6
BUG	0.30	107.5	Sg	01:26:37.500	2.0					TA_				m_	
ROD	0.55	225.9	Pg	01:26:38.790	2.4									m_e	
ROD	0.55	225.9	Sg	01:26:47.740	4.2							346.1	0.70	m_e	
BNS	0.61	158.1	Pg	01:26:40.080	2.6									m_e	
BNS	0.61	158.1	Sg	01:26:48.900	3.5							108.0	0.50	m_e	
HOB	0.64	149.1	Pg	01:26:39.960	2.0									m_e	
HOB	0.64	149.1	Sg	01:26:49.070	2.8							78.6	0.70	m_e	
STB	0.94	179.0	Pg	01:26:46.370	2.7									m_e	
STB	0.94	179.0	Sg	01:26:59.490	3.7							46.0	0.50	m_e	
KLL	0.94	199.8	Pg	01:26:46.120	2.4									m_e	
KLL	0.94	199.8	Sg	01:27:00.140	4.3							43.0	0.20	m_e	
HIL	1.24	183.9	Pg	01:26:52.010	2.6									m_e	
HIL	1.24	183.9	Sg	01:27:08.630	3.2							47.2	0.90	m_e	
BGG	1.36	165.8	Pg	01:26:52.820	1.1									m_e	
BGG	1.36	165.8	Sg	01:27:12.360	3.0							23.6	0.40	m_e	
TNS	1.67	141.1	Pg	01:26:56.581	-0.8									m_e	ML 2.3
TNS	1.67	141.1	Sg	01:27:19.067	0.2									m_e	
WLF	1.91	192.9	Pg	01:27:03.394	1.3									m_e	ML 2.3
WLF	1.91	192.9	Sg	01:27:27.555	0.8									m_e	
CLZ	2.23	80.6	Pg	01:27:02.878	-5.1									m_e	ML 2.3
CLZ	2.23	80.6	Sg	01:27:35.893	-0.9									m_e	
NRDL	2.24	63.3	Sg	01:27:40.695	3.4									m_e	

Event 51120004 N of Haguenau/F, Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/20	08:19:11.30	0.22	0.71	48.9737	7.8808	3.9	3.4	098	10.0	0.0	21	8	286			m i ke	LDG	51120014
2005/11/20	08:19:12.09	0.41	1.22	48.9350	7.8570	4.4	3.3	051	10.0f		7	5	152	0.68	2.32	m i ke	BGR	51120004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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ML 2.3 LDG 51120014  
 ML 1.6 0.3 2 BGR 51120004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.68	152.5	Pg	08:19:25.729	0.7					T__	6.0			m_e	ML 1.4
BFO	0.68	152.5	Sg	08:19:33.694	-0.2					T__				m_e	
STU	0.89	100.1	Sg	08:19:40.606	-0.0					T__				m_e	ML 1.9
WLF	1.33	303.9	Pg	08:19:37.196	-0.0					T__	1.3			m_e	
WLF	1.33	303.9	Sg	08:19:54.062	-0.4					T__				m_e	
TNS	1.34	16.3	Sg	08:19:54.914	0.1					T__				m_e	
GRA1	2.32	69.7	Sg	08:20:25.395	-0.5					T__				m_e	

Event 930380 N of Haguenau/F, Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/20	08:34:28.70	0.17	0.26	48.9458	7.9191	3.0	2.2	095	9.0f		19	6	277			m i ke	LDG	930380

Magnitude Err Nsta Author OrigID  
 ML 2.2 LDG 930380

Event 930381 N of Haguenau/F, Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/20	11:42:51.00	0.19	0.31	48.9513	7.8997	3.4	2.8	104	10.0	0.0	17	6	276			m i ke	LDG	930381

Magnitude Err Nsta Author OrigID  
 ML 2.1 LDG 930381

Event 51120003 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/20	21:43:51.20	1.39	0.51	51.5640	6.8650				1.0f		15	8	287	0.22	1.39	m i ki	BENS	51120033
2005/11/20	21:43:50.60	0.15	0.80	51.5932	6.8515	2.7	1.9	042	1.0f		60	22	265			m i si	LDG	51120023
2005/11/20	21:43:50.82	0.43	4.18	51.5170	6.8950	6.7	3.3	125	1.0f		18	8	199	0.25	3.57	m i ki	BGR	51120013
2005/11/20	21:43:49.40			51.5400	6.8210				1.0f				271	0.09	0.30	m i ki	BUG	51120003

(#PRIME)

Magnitude Err Nsta Author OrigID  
 ML 2.2 BENS 51120033  
 ML 2.9 LDG 51120023  
 ML 2.3 0.3 6 BGR 51120013  
 ML 1.8 BUG 51120003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.09	20.5	Pg	21:43:50.800	-0.2					T__				m__	ML 2.1
ZERL	0.09	20.5	Sg	21:43:52.300	0.1					T__				m__	

LAU	0.20	157.9	Pg	21:43:54.810	1.6														m_e	
LAU	0.20	157.9	Sg	21:43:59.630	3.7														m_e	
BUG	0.30	109.4	Pg	21:43:56.000	1.0														mdi ML	1.8
BUG	0.30	109.4	Sg	21:44:00.900	2.1														m_e	
ROD	0.56	225.6	Sg	21:44:10.950	3.7														m_e	
BNS	0.62	158.8	Pg	21:44:03.400	2.4														m_e	
BNS	0.62	158.8	Sg	21:44:12.250	3.2														m_e	
HOB	0.64	149.8	Pg	21:44:03.530	2.0														m_e	
HOB	0.64	149.8	Sg	21:44:12.120	2.3														m_e	
STB	0.95	179.3	Pg	21:44:09.640	2.4														m_e	
STB	0.95	179.3	Sg	21:44:22.780	3.3														m_e	
KLL	0.95	199.9	Pg	21:44:09.640	2.4														m_e	
KLL	0.95	199.9	Sg	21:44:23.430	3.9														m_e	
IBBN	0.96	36.7	Pg	21:44:07.321	-0.2						5.4								m_e ML	2.4
IBBN	0.96	36.7	Sg	21:44:22.673	2.8														m_e	
HIL	1.25	184.1	Pg	21:44:15.240	2.3														m_e	
HIL	1.25	184.1	Sg	21:44:32.280	3.2														m_e	
BGG	1.37	166.1	Pg	21:44:16.020	0.8														m_e	
BGG	1.37	166.1	Sg	21:44:35.310	2.3														m_e	
TNS	1.67	141.5	Pg	21:44:20.517	-0.4						4.9								m_e ML	2.3
TNS	1.67	141.5	Sg	21:44:42.616	0.2														m_e	
WLF	1.92	193.0	Pn	21:44:25.074	2.7						1.0								m_e ML	2.4
WLF	1.92	193.0	Pg	21:44:27.181	1.5						4.1								m_e	
WLF	1.92	193.0	Sn	21:44:46.375	0.4														m_e	
WLF	1.92	193.0	Sg	21:44:50.781	0.3														m_e	
CLZ	2.22	80.8	Pn	21:44:26.069	-0.4						1.7								m_e ML	2.4
CLZ	2.22	80.8	Pg	21:44:30.570	-0.7						3.2								m_e	
CLZ	2.22	80.8	Sg	21:44:59.558	-0.4														m_e	
MOX	3.14	104.7	Pn	21:44:40.265	1.3						2.1								m_e	
MOX	3.14	104.7	Sg	21:45:31.200	2.0														m_e	
BFO	3.35	162.6	Pn	21:44:43.206	1.4						2.1								m_e	
BFO	3.35	162.6	Sn	21:45:20.108	0.5														m_e	
WERD	3.62	105.4	Pn	21:44:46.600	1.2						3.0								m_e ML	2.5
WERD	3.62	105.4	Sn	21:45:26.777	0.9														m_e	

Event 51121004 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/21	13:53:52.94	0.89	0.68	48.3170	6.8280	7.8	3.3	098	10.0f		10	8	224	0.96	2.18	m i ke	BGR	51121014
2005/11/21	13:53:51.50	0.04	0.39	48.3323	6.6452	0.9	0.6	165	11.0f		49	20	044			m i ke	LDG	51121004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	3 BGR	51121014
ML	2.8		LDG	51121004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BOURR	1.02	157.0	Pg	13:54:11.088	0.3						2.3				m_e
BOURR	1.02	157.0	Sg	13:54:23.687	-0.3						9.3				m_e
BFO	1.12	89.5	Pg	13:54:11.755	-0.9						10.4				m_e ML
BFO	1.12	89.5	Sg	13:54:24.874	-2.3						6.0				m_e
SULZ	1.27	128.7	Sg	13:54:30.043	-1.9						3.7				m_e

SLE	1.36	113.9	Pg	13:54:16.818	-0.4	---	5.1										m_e
ZUR	1.62	125.8	Sg	13:54:40.835	-2.1	---	1.5										m_e
STU	1.74	74.5	Sg	13:54:45.263	-1.7	---	1.5										m_e ML 2.4
WILA	1.77	120.3	Sg	13:54:45.693	-2.2	---	2.0										m_e
TNS	2.23	31.2	Sg	13:55:01.987	-0.3	---	2.8										m_e ML 2.4

Event 51121005 N of Haguenau/F, Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/21	17:34:08.70	0.15	0.67	48.9260	7.8638	3.8	2.1	117	10.0	0.0	16	6	162			m i ke	LDG	51121015
2005/11/21	17:34:08.77	0.40	1.21	48.9190	7.8230	5.6	3.3	068	10.0f		9	6	133	0.68	1.40	m i ke	BGR	51121005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	51121015
ML	1.8	0.3	3 BGR	51121005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.68	150.2	Pg	17:34:22.422	0.8					T__	6.4				m_e
BFO	0.68	150.2	Sg	17:34:30.589	0.1					T__	10.8				m_e
STU	0.91	98.8	Sg	17:34:38.200	0.3					T__	3.3				m_e ML 2.1
SLE	1.24	158.6	Pn	17:34:30.850	-0.6					T__	2.2				m_e
SLE	1.24	158.6	Sn	17:34:46.517	-0.9					T__	2.7				m_e
SLE	1.24	158.6	Sg	17:34:47.862	-0.3					T__	2.7				m_e
WLF	1.32	305.0	Sg	17:34:51.005	0.2					T__	4.4				m_e ML 1.7
TNS	1.36	17.0	Sg	17:34:52.093	-0.1					T__	2.7				m_e ML 1.6
SULZ	1.40	172.0	Sg	17:34:53.672	0.2					T__	1.8				m_e

Event 51122308 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/22	20:31:30.90	0.23	0.57	51.5608	6.8685	4.3	2.9	050	1.0f		26	16	281			m i si	LDG	51122338
2005/11/22	20:31:30.80	1.24	0.51	51.5920	6.8850				1.0f		13	7	314	0.24	1.41	m i ki	BENS	51122328
2005/11/22	20:31:29.64	1.29		51.5660	6.9890	25.6	10.0	142	1.0f		6	4	245	0.21	2.11	m i ki	BGR	51122318
2005/11/22	20:31:29.50			51.5410	6.7870				1.0f							m i ki	BUG	51122308

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	51122338
ML	2.0		BENS	51122328
ML	2.0	0.4	4 BGR	51122318
ML	1.7		BUG	51122308

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAU	0.21	152.7	Pg	20:31:35.170	1.6					---					m_e
LAU	0.21	152.7	Sg	20:31:40.050	3.8					---					m_e
BUG	0.32	108.3	Pg	20:31:36.500	1.0					TA_					m_e ML 1.7
BUG	0.32	108.3	Sg	20:31:41.700	2.1					TA_					m_e
BNS	0.63	157.0	Pg	20:31:43.200	1.9					---					m_e
BNS	0.63	157.0	Sg	20:31:52.290	2.9					---					m_e

HOB	0.65	148.2	Pg	20:31:43.680	1.9	---	---	---	---	---	---	---	---	---	---	---	---	m_e	
HOB	0.65	148.2	Sg	20:31:52.580	2.3	---	---	---	---	---	---	---	---	---	---	---	---	m_e	70.3 0.60
KLL	0.94	198.6	Pg	20:31:49.610	2.3	---	---	---	---	---	---	---	---	---	---	---	---	m_e	
KLL	0.94	198.6	Sg	20:32:03.860	4.4	---	---	---	---	---	---	---	---	---	---	---	---	m_e	42.7 0.70
STB	0.95	178.0	Pg	20:31:49.800	2.4	---	---	---	---	---	---	---	---	---	---	---	---	m_e	
STB	0.95	178.0	Sg	20:32:03.190	3.6	---	---	---	---	---	---	---	---	---	---	---	---	m_e	40.8 0.40
HIL	1.25	183.1	Sg	20:32:12.760	3.5	---	---	---	---	---	---	---	---	---	---	---	---	m_e	
BGG	1.38	165.2	Pg	20:31:56.400	0.9	---	---	---	---	---	---	---	---	---	---	---	---	m_e	
BGG	1.38	165.2	Sg	20:32:15.720	2.4	---	---	---	---	---	---	---	---	---	---	---	---	m_e	33.8 0.30
TNS	1.68	140.9	Pg	20:32:01.316	0.1	---	---	---	---	---	---	---	---	---	---	---	---	m_e ML	2.1
TNS	1.68	140.9	Sg	20:32:22.887	-0.1	---	---	---	---	---	---	---	---	---	---	---	---	m_e	
WLF	1.92	192.4	Pg	20:32:07.538	1.9	---	---	---	---	---	---	---	---	---	---	---	---	m_e ML	2.4
WLF	1.92	192.4	Sg	20:32:31.300	0.8	---	---	---	---	---	---	---	---	---	---	---	---	m_e	
CLZ	2.24	80.9	Sg	20:32:36.151	-4.6	---	---	---	---	---	---	---	---	---	---	---	---	m_e ML	2.2

Event 51123003 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/23	08:47:05.90	1.24	0.61	51.5510	6.8570				1.0f		12	7	311	0.21	1.38	m i k i	BENS	51123023
2005/11/23	08:47:05.50	0.34	2.16	51.5810	6.8420	4.4	3.3	103	1.0f		11	7	140	0.30	2.20	m i k i	BGR	51123013
2005/11/23	08:47:05.40			51.4530	6.8250				1.0f				276	0.17	0.28	m i k i	BUG	51123003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BENS	51123023
ML	2.1	0.2	5 BGR	51123013
ML	1.7		BUG	51123003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAU	0.13	143.9	Pg	08:47:09.380	1.6	---	---	---	---	---	---	---	---	---	m_e
ZERL	0.17	9.4	Pg	08:47:05.800	-2.8	---	---	---	---	T	---	---	---	---	m ML 1.8
ZERL	0.17	9.4	Sg	08:47:07.400	-3.4	---	---	---	---	T	---	---	---	---	m
BUG	0.28	92.4	Pg	08:47:11.700	1.1	---	---	---	---	TA	---	---	---	---	mde ML 1.7
BUG	0.28	92.4	Sg	08:47:16.300	2.1	---	---	---	---	TA	---	---	---	---	m
WTSB	0.51	358.2	Pg	08:47:12.884	-2.2	---	---	---	---	---	12.1	---	---	---	m_e
WTSB	0.51	358.2	Sg	08:47:17.763	-4.0	---	---	---	---	---	2.2	---	---	---	m_e
BNS	0.54	155.6	Sg	08:47:27.100	4.6	---	---	---	---	---	---	---	---	---	m_e
HOB	0.57	145.6	Pg	08:47:18.040	1.9	---	---	---	---	---	---	---	---	---	m_e
HOB	0.57	145.6	Sg	08:47:26.900	3.5	---	---	---	---	---	---	---	---	---	m_e
STB	0.86	179.4	Pg	08:47:23.880	2.3	---	---	---	---	---	---	---	---	---	m_e
STB	0.86	179.4	Sg	08:47:36.960	4.3	---	---	---	---	---	---	45.7	0.40	---	m_e
KLL	0.87	202.0	Pg	08:47:24.380	2.6	---	---	---	---	---	---	---	---	---	m_e
KLL	0.87	202.0	Sg	08:47:37.570	4.6	---	---	---	---	---	---	48.7	0.50	---	m_e
HGN	0.89	219.5	Pg	08:47:24.723	2.6	---	---	---	---	---	12.1	---	---	---	m_e
HGN	0.89	219.5	Sg	08:47:37.674	4.0	---	---	---	---	---	12.6	---	---	---	m_e
IBBN	1.03	33.7	Pg	08:47:22.595	-2.2	---	---	---	---	---	2.1	---	---	---	m_e ML 2.1
HIL	1.16	184.6	Pg	08:47:29.210	1.9	---	---	---	---	---	---	---	---	---	m_e
HIL	1.16	184.6	Sg	08:47:46.930	4.6	---	---	---	---	---	---	---	---	---	m_e
BGG	1.29	165.3	Pg	08:47:30.720	1.1	---	---	---	---	---	---	---	---	---	m_e
BGG	1.29	165.3	Sg	08:47:50.350	4.0	---	---	---	---	---	---	---	---	---	m_e
TNS	1.60	139.6	Pn	08:47:35.998	1.9	---	---	---	---	---	2.6	---	---	---	m_e ML 2.1
TNS	1.60	139.6	Sg	08:47:59.296	3.0	---	---	---	---	---	2.8	---	---	---	m_e

WLF	1.84	193.7	Sg	08:48:06.494	2.7	---	2.4	m_e	ML	2.2
CLZ	2.23	78.6	Sg	08:48:14.854	-1.5	---	2.3	m_e	ML	2.3

Event 51124003 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/24	13:23:04.30	0.19	0.32	51.5287	6.8235	2.9	1.9	018	1.0f		16	5	279			m i si	LDG	51124033
2005/11/24	13:23:04.00	0.92	0.41	51.5220	6.8220				1.0f		13	8	282	0.19	1.35	m i ki	BENS	51124023
2005/11/24	13:23:03.90	0.55	1.54	51.4810	6.9450	6.7	3.3	116	1.0f		10	5	195	0.21	2.16	m i ki	BGR	51124013
2005/11/24	13:23:01.90			51.5620	6.8400				1.0f							m i ki	BUG	51124003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		LDG	51124033
ML	2.3		BENS	51124023
ML	2.1	0.4	4 BGR	51124013
ML	1.7		BUG	51124003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAU	0.22	162.9	Pg	13:23:07.410	1.3										m_e
BUG	0.29	114.3	Pg	13:23:08.400	1.0					TA_					mde ML 1.7
BUG	0.29	114.3	Sg	13:23:13.200	2.0					TA_					m_
ROD	0.59	224.9	Sg	13:23:21.880	1.4										m_e
BNS	0.63	160.5	Pg	13:23:16.050	2.2										m_e
BNS	0.63	160.5	Sg	13:23:23.630	1.6										m_e
HOB	0.66	151.7	Pg	13:23:15.750	1.5										m_e
HOB	0.66	151.7	Sg	13:23:24.590	1.9										m_e
IBBN	0.94	36.9	Pg	13:23:21.286	1.8						3.5				m_e
IBBN	0.94	36.9	Sg	13:23:35.218	3.6										m_e
STB	0.97	180.0	Pg	13:23:22.020	1.9										m_e
STB	0.97	180.0	Sg	13:23:34.810	2.1							76.2	0.80		m_e
KLL	0.97	200.1	Pg	13:23:21.480	1.2										m_e
KLL	0.97	200.1	Sg	13:23:35.090	2.3							88.0	0.70		m_e
HIL	1.27	184.6	Sg	13:23:43.770	1.4										m_e
BGG	1.39	166.8	Pg	13:23:28.550	0.4										m_e
BGG	1.39	166.8	Sg	13:23:46.730	0.6										m_e
TNS	1.68	142.3	Pg	13:23:33.913	0.4						3.0				m_e ML 2.2
TNS	1.68	142.3	Sg	13:23:54.263	-1.0										m_e
WLF	1.95	193.2	Pg	13:23:39.738	1.1						1.4				m_e ML 2.3
WLF	1.95	193.2	Sg	13:24:03.342	-0.4										m_e
CLZ	2.21	81.3	Pg	13:23:44.947	1.5						2.5				m_e ML 2.3
CLZ	2.21	81.3	Sg	13:24:12.089	0.1										m_e

Event 51124002 Unna, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/24	20:56:11.30	0.70	0.31	51.6390	7.6800				1.0f		8	5	311	0.54	1.45	m i ki	BENS	51124022
2005/11/24	20:56:11.97	0.34	1.53	51.5710	7.6990	4.4	3.3	167	1.0f		11	7	118	0.30	3.11	m i ki	BGR	51124012
2005/11/24	20:56:10.10			51.5950	7.7410				1.0f				223	0.15	0.33	m i ki	BUG	51124002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BENS	51124022
ML	2.1	0.2	6 BGR	51124012
ML	1.9		BUG	51124002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.15	19.4	Pg	20:56:13.800	0.9					T__				m__	ML 1.8
BAHL	0.15	19.4	Sg	20:56:16.300	1.4					T__				m__	
BUG	0.33	242.4	Pg	20:56:17.300	0.9					TA_				mdi	ML 1.9
BUG	0.33	242.4	Sg	20:56:22.600	2.0					TA_				m__	
LAU	0.55	244.1	Sg	20:56:29.310	1.6					---				m_e	
HOB	0.66	202.8	Pg	20:56:24.150	1.6					---				m_e	
HOB	0.66	202.8	Sg	20:56:34.480	3.3					---				m_e	
IBBN	0.71	0.9	Sg	20:56:35.393	2.7					---	1.9			m_e	ML 2.1
STB	1.15	209.8	Pg	20:56:33.370	1.6					---				m_e	
KLL	1.30	224.0	Pg	20:56:35.250	0.6					---				m_e	
KLL	1.30	224.0	Sg	20:56:53.050	1.5					---		22.7	0.70	m_e	
HGN	1.41	234.5	Pn	20:56:36.326	0.2					---	4.4			m_e	
HGN	1.41	234.5	Sg	20:56:56.115	1.3					---	7.2			m_e	
BGG	1.41	190.6	Pg	20:56:37.220	0.5					---				m_e	
BGG	1.41	190.6	Sg	20:56:55.240	0.3					---				m_e	
TNS	1.44	161.7	Pn	20:56:38.634	2.0					---	3.6			m_e	ML 2.0
TNS	1.44	161.7	Sg	20:56:56.984	1.0					---	2.3			m_e	
UBBA	1.61	117.8	Sg	20:57:03.843	2.4					---	2.5			m_e	ML 2.1
CLZ	1.65	80.4	Pn	20:56:41.960	2.6					---	3.6			m_e	ML 2.3
CLZ	1.65	80.4	Sg	20:57:05.487	3.0					---	4.1			m_e	
WERD	3.09	110.0	Sg	20:57:51.180	2.9					---	1.9			m_e	

Event 51125004 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/25	17:41:33.10	0.13	0.24	51.5787	6.8493	2.4	1.4	036	1.0f		25	12	270			m i si	LDG	51125034
2005/11/25	17:41:34.10	1.05	0.41	51.5240	6.8430				1.0f		12	7	309	0.18	1.35	m i ki	BENS	51125024
2005/11/25	17:41:33.48	0.60	1.17	51.4940	6.8740	8.9	4.4	113	1.0f		7	4	200	0.98	2.20	m i ki	BGR	51125014
2005/11/25	17:41:33.00			51.5530	6.8720				1.0f				244	0.07	0.27	m i ki	BUG	51125004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	51125034
ML	2.1		BENS	51125024
ML	2.3	0.1	2 BGR	51125014
ML	1.2		BUG	51125004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.07	358.7	Pg	17:41:33.100	-1.2					T__				m__	ML 1.9
ZERL	0.07	358.7	Sg	17:41:34.600	-0.6					T__				m__	
LAU	0.21	167.4	Pg	17:41:37.290	0.4					---				m_e	
BUG	0.27	114.3	Pg	17:41:39.100	1.0					TA_				m_e	
BNS	0.62	162.0	Pg	17:41:46.360	1.7					---				m_e	
BNS	0.62	162.0	Sg	17:41:54.390	1.7					---				m_e	
HOB	0.64	152.9	Pg	17:41:45.790	0.8					---				m_e	

Station	Mag	Dist	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HOB	0.64	152.9	Sg	17:41:54.490	1.2										
IBBN	0.93	35.6	Pg	17:41:51.196	0.7						3.0				
IBBN	0.93	35.6	Sg	17:42:05.020	2.4										
STB	0.96	181.2	Pg	17:41:51.750	0.7										
STB	0.96	181.2	Sg	17:42:04.600	1.1							66.5	0.60		
KLL	0.97	201.4	Pg	17:41:51.750	0.4										
KLL	0.97	201.4	Sg	17:42:04.970	1.1							62.5	0.30		
HIL	1.27	185.6	Sg	17:42:14.040	0.8										
BGG	1.38	167.6	Pg	17:41:58.270	-0.7										
BGG	1.38	167.6	Sg	17:42:17.730	1.0										
TNS	1.66	142.6	Pg	17:42:03.694	-0.6						2.2				
TNS	1.66	142.6	Sg	17:42:24.697	-1.1										
WLF	1.94	193.9	Pg	17:42:09.726	0.1						1.6				
WLF	1.94	193.9	Sg	17:42:33.261	-1.5										
CLZ	2.19	81.1	Sg	17:42:43.784	1.3										

Event 51125006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/25	20:01:31.39	0.57		51.4170	16.2240	10.0	6.7	167	1.0f		21	13	304	1.53	3.61	m i k i	BGR	51125006

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	9 BGR	51125006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.53	250.1	Pg	20:01:59.647	-0.6					T__				m_e ML	2.8
BRG	1.53	250.1	Sg	20:02:21.234	1.2					T__				m_e	
FBE	1.87	255.7	Sg	20:02:30.940	0.3					T__				m_e ML	2.7
CLL	2.01	268.1	Pn	20:02:04.851	-0.8					T__				m_e ML	2.7
CLL	2.01	268.1	Sg	20:02:35.153	-0.2					T__				m_e	
TANN	2.57	248.6	Pn	20:02:14.034	0.8					T__				m_e ML	3.1
TANN	2.57	248.6	Sg	20:02:53.363	0.2					T__				m_e	
WERD	2.65	250.1	Pn	20:02:14.975	0.7					T__				m_e ML	2.9
WERD	2.65	250.1	Sg	20:02:54.585	-1.1					T__				m_e	
GUNZ	2.67	248.3	Pn	20:02:15.018	0.5					T__				m_e ML	3.2
GUNZ	2.67	248.3	Sg	20:02:57.311	1.1					T__				m_e	
WERN	2.68	246.6	Pn	20:02:15.947	1.3					T__				m_e ML	3.1
WERN	2.68	246.6	Sg	20:02:58.008	1.5					T__				m_e	
MOX	3.00	256.9	Pn	20:02:19.286	0.3					T__				m_e ML	3.3
ROTZ	3.04	238.7	Pn	20:02:21.185	1.7					T__				m_e	
GEC2	3.04	213.1	Pn	20:02:22.272	2.7					T__				m_e ML	3.0
GEC2	3.04	213.1	Sg	20:03:06.099	-1.8					T__				m_e	
NOTT	3.06	239.9	Pn	20:02:21.130	1.3					T__				m_e	
WET	3.12	224.5	Pn	20:02:22.522	1.9					T__				m_e	
GRA1	3.61	243.5	Pn	20:02:29.106	1.8					T__				m_e	

Event 51126003 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
2005/11/26	05:20:52.00	0.08	0.44	48.3033	7.4340	1.6	1.2	093	9.6	0.6	21	10	123			m i k e	LDG	51126013

2005/11/26 05:20:52.19 0.32 0.38 48.2960 7.4610 4.4 3.3 149 5.0f 10 9 062 0.14 2.03 m i ke BGR 51126003  
(#PRIME)

Magnitude Err Nsta Author OrigID  
ML 2.5 LDG 51126013  
ML 1.7 0.3 2 BGR 51126003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.14	328.6	Pg	05:20:55.133	0.2					T__					m_e
LIBD	0.17	146.9	Pg	05:20:55.679	0.1					T__					m_e
ECH	0.22	248.4	Pg	05:20:56.256	-0.1					T__					m_e
MOF	0.50	206.4	Pg	05:21:01.475	-0.1					T__					m_e
BFO	0.58	86.3	Pg	05:21:02.971	-0.2					T__					m_e ML 1.4
BFO	0.58	86.3	Sg	05:21:10.766	0.1					T__					m_e
THEF	0.98	266.6	Pg	05:21:10.799	0.1					T__					m_e
LOMF	1.04	204.5	Pg	05:21:11.919	0.2					T__					m_e
STU	1.24	66.9	Sg	05:21:32.047	0.4					T__					m_e ML 2.0
TNS	2.03	18.1	Sg	05:21:56.719	-0.0					T__					m_e

Event 930388 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
2005/11/26	05:22:32.70	0.11	0.16	48.2940	7.4416	2.2	1.4	109	10.3	0.7	12	5	229			m i ke	LDG	930388

Magnitude Err Nsta Author OrigID  
ML 2.0 LDG 930388

Event 51126004 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/26	11:37:51.70	0.22	0.35	51.5813	6.8650	4.0	2.2	030	1.0f		20	9	271			m i si	LDG	51126034
2005/11/26	11:37:52.70	0.72	0.31	51.5500	6.9150				1.0f		9	5	328	0.20	1.37	m i ki	BENS	51126024
2005/11/26	11:37:52.18	1.08	1.06	51.5210	6.9060	13.3	5.6	136	1.0f		6	3	245	1.62	2.17	m i ki	BGR	51126014
2005/11/26	11:37:50.20			51.5400	6.7540				1.0f				294	0.11	0.34	m i ki	BUG	51126004

(#PRIME)

Magnitude Err Nsta Author OrigID  
ML 2.7 LDG 51126034  
ML 1.7 BENS 51126024  
ML 2.2 1 BGR 51126014  
ML 1.2 BUG 51126004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.11	41.6	Pg	11:37:52.200	-0.0					T__					m__ ML 1.8
ZERL	0.11	41.6	Sg	11:37:53.700	0.1					T__					m__
LAU	0.22	147.9	Pg	11:37:56.090	1.7					___					m_e
BUG	0.34	107.0	Pg	11:37:57.600	1.1					TA_					m_e
HOB	0.66	146.7	Pg	11:38:04.690	2.0					___					m_e
HOB	0.66	146.7	Sg	11:38:13.570	2.3					___					m_e



STB	0.95	176.7	Pg	11:38:10.870	2.8	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e
STB	0.95	176.7	Sg	11:38:24.230	3.9	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e
HIL	1.25	182.2	Pg	11:38:16.270	2.5	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e
HIL	1.25	182.2	Sg	11:38:33.260	3.4	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e
BGG	1.38	164.4	Pg	11:38:17.340	1.1	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e
BGG	1.38	164.4	Sg	11:38:35.590	1.4	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e
TNS	1.70	140.3	Pg	11:38:23.322	1.2	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e
TNS	1.70	140.3	Sg	11:38:43.929	-0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e
WLF	1.91	191.7	Pg	11:38:28.847	2.6	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e
WLF	1.91	191.7	Sg	11:38:52.435	1.4	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e
CLZ	2.26	80.9	Pg	11:38:33.099	0.2	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e
CLZ	2.26	80.9	Sg	11:39:01.177	-0.9	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e

Event 51126303 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/26	12:32:45.70	0.07	0.67	49.3234	6.8060	1.8	1.2	105	1.0f	---	33	14	066	---	---	m i si	LDG	51126323
2005/11/26	12:32:46.10	1.12	0.61	49.3340	6.8390	---	---	---	1.0f	---	6	4	334	0.93	1.68	m i ki	BENS	51126313
2005/11/26	12:32:45.56	0.47	---	49.3420	6.7780	8.9	5.6	037	1.0f	---	6	3	174	0.52	1.44	m i ki	BGR	51126303

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	---	LDG	51126323
ML	2.1	---	BENS	51126313
ML	2.1	0.3	3 BGR	51126303

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.52	308.7	Pg	12:32:56.825	1.5	---	---	---	---	T_	---	---	---	m_e	ML 1.8
WLF	0.52	308.7	Sg	12:33:02.120	0.1	---	---	---	---	T_	---	---	---	m_e	---
BGG	0.94	22.4	Pg	12:33:03.340	0.1	---	---	---	---	---	---	---	---	m_e	---
BGG	0.94	22.4	Sg	12:33:16.680	1.4	---	---	---	---	---	---	35.4	0.30	m_e	---
HIL	0.95	356.2	Pg	12:33:04.340	0.8	---	---	---	---	---	---	---	---	m_e	---
HIL	0.95	356.2	Sg	12:33:17.610	1.8	---	---	---	---	---	---	99.8	0.30	m_e	---
STB	1.25	1.8	Sg	12:33:26.570	1.2	---	---	---	---	---	---	---	---	m_e	---
TNS	1.39	50.1	Pg	12:33:10.306	-1.5	---	---	---	---	T_	---	---	---	m_e	ML 2.3
TNS	1.39	50.1	Sg	12:33:30.062	0.3	---	---	---	---	T_	---	---	---	m_e	---
BFO	1.44	134.2	Pg	12:33:11.247	-1.4	---	---	---	---	T_	---	---	---	m_e	ML 2.2
BFO	1.44	134.2	Sg	12:33:31.270	0.0	---	---	---	---	T_	---	---	---	m_e	---
HOB	1.68	12.0	Sg	12:33:38.220	-0.7	---	---	---	---	---	---	---	---	m_e	---

Event 51126005 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/26	13:31:45.60	0.17	0.26	51.5735	6.8750	3.3	1.7	034	1.0f	---	20	12	271	---	---	m i si	LDG	51126035
2005/11/26	13:31:45.60	0.64	0.31	51.5850	6.9270	---	---	---	1.0f	---	10	6	330	0.23	1.40	m i ki	BENS	51126025
2005/11/26	13:31:44.98	0.89	0.88	51.5650	6.8600	11.1	4.4	132	1.0f	---	8	3	247	1.67	2.19	m i ki	BGR	51126015
2005/11/26	13:31:45.10	---	---	51.5290	6.8550	---	---	---	1.0f	---	---	---	---	---	---	m i ki	BUG	51126005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
---	---	---	---	---



HIL	0.93	351.4	Pg	14:47:18.020	-0.0	---				m_e	
HIL	0.93	351.4	Sg	14:47:30.490	0.4	---				m_e	
WLS	1.00	162.5	Pg	14:47:19.148	-0.1	T_				m_e	
ECH	1.17	171.5	Pg	14:47:22.144	-0.2	T_				m_e	
SWS	1.18	83.7	P	14:47:22.030		---				m_	ML 3.0
SWS	1.18	83.7	Sg	14:47:39.060	1.3	---				m_	
STB	1.23	358.2	Pg	14:47:23.100	-0.4	---				m_e	
STB	1.23	358.2	Sg	14:47:39.740	0.4	---		177.2	0.60	m_e	
TOD	1.26	78.4	Pg	14:47:23.169	-1.0	T_				m_e	
THEF	1.29	208.0	Pg	14:47:24.061	-0.6	T_				m_e	
LIBD	1.30	158.9	Pg	14:47:25.538	0.6	T_				m_e	
TNS	1.31	48.9	Pn	14:47:23.835	-1.3	---				m_e	ML 3.0
TNS	1.31	48.9	Pg	14:47:25.097	-0.1	T_	22.7			m_e	
TNS	1.31	48.9	Sg	14:47:43.113	1.0	T_	4.0			m_e	
BFO	1.40	137.3	Pn	14:47:25.466	-0.9	---				m_e	ML 2.8
BFO	1.40	137.3	Pg	14:47:26.706	-0.1	T_	22.8			m_e	
BFO	1.40	137.3	Sg	14:47:45.666	0.7	T_	6.7			m_e	
LBG	1.43	118.8	P	14:47:25.860		---				m_	ML 2.9
LBG	1.43	118.8	Pg	14:47:27.580	0.2	---				m_	
LBG	1.43	118.8	S	14:47:43.740		---				m_	
MOF	1.53	174.1	Pg	14:47:29.648	0.5	T_	38.1			m_e	
KIZ	1.56	154.2	P	14:47:27.220		---				m_	ML 3.1
KIZ	1.56	154.2	Pg	14:47:29.740	-0.2	---				m_	
KIZ	1.56	154.2	Sg	14:47:50.130	0.0	---				m_	
BNS	1.60	6.2	Pg	14:47:29.750	-0.9	---				m_e	
BNS	1.60	6.2	Sg	14:47:49.470	-1.9	---		239.2	0.70	m_e	
HOB	1.64	9.6	Pg	14:47:28.850	-2.4	---				m_e	
FELD	1.66	153.5	Pg	14:47:31.500	-0.2	---				m_	
FELD	1.66	153.5	Sg	14:47:53.550	0.4	---				m_	
TUBL	1.66	119.7	Pg	14:47:32.000	0.2	---				m_	ML 2.9
TUBL	1.66	119.7	Sg	14:47:53.890	0.6	---				m_	
SIND	1.76	89.6	P	14:47:30.220		---				m_	ML 3.0
SPAK	1.78	134.8	Pg	14:47:33.870	0.0	---				m_	
BUCH	1.86	118.8	P	14:47:32.220		---				m_	ML 3.0
BUCH	1.86	118.8	Sg	14:47:59.500	0.1	---				m_	
BBS	1.95	167.8	Pg	14:47:38.700	1.6	---				m_	
GUT	1.95	130.8	P	14:47:33.490		---				m_	ML 2.9
GUT	1.95	130.8	Sg	14:48:03.630	1.1	---				m_	
LAU	1.98	0.8	Pg	14:47:32.920	-4.8	---				m_e	
LAU	1.98	0.8	Sg	14:47:57.490	-5.9	---		106.4	0.60	m_e	
LOMF	2.02	181.4	Pg	14:47:38.449	-0.0	T_	7.9			m_e	
SISB	2.17	140.1	P*	14:47:41.870		---				m_	ML 2.8
SISB	2.17	140.1	S*	14:48:10.100		---				m_	
HDH	2.31	108.6	Pg	14:47:44.190	0.3	---				m_	ML 2.9
UBBA	2.46	52.7	Sg	14:48:18.947	0.3	T_	2.8			m_e	
UBR	2.71	127.3	P	14:47:44.880		---				m_	ML 2.9
UBR	2.71	127.3	S*	14:48:29.260		---				m_	
GRA1	2.82	81.8	(Pg)	14:47:53.828	0.2	---	5.3			m_e	
GRA1	2.82	81.8	Sg	14:48:30.642	0.5	T_	2.4			m_e	
FUR	3.13	111.0	Sg	14:48:39.604	-0.1	---	1.3			m_e	
MOX	3.29	65.4	Pn	14:47:52.100	0.2	---				m_e	
MOX	3.29	65.4	Pg	14:48:01.676	-0.7	T_	3.1			m_e	
MOX	3.29	65.4	(Sg)	14:48:44.182	-0.7	---	1.6			m_e	
CLZ	3.31	40.4	(Pn)	14:47:52.446	0.2	---	1.9			m_e	

NEUB	3.62	57.6	(Sg)	14:48:56.052	0.8	___	2.4	m_e
TANN	3.73	71.6	Pg	14:48:10.888	0.2	T___	2.9	m_e
TANN	3.73	71.6	(Sg)	14:48:57.865	-1.1	___	3.4	m_e
CLL	4.35	61.2	Pg	14:48:25.000	2.6	___		m_e
CLL	4.35	61.2	Sg	14:49:19.900	1.3	___		m_i
BRG	4.76	68.9	Sg	14:49:29.050	-2.5	___		m_e

Event 930393 Breisach/Upper Rhine Graben, W of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/27	04:50:41.20			48.0000	7.6000				19.0							m i uk	SED	930403
2005/11/27	04:50:39.80	0.15	0.64	48.0671	7.5937	2.8	1.8	118	15.7	1.4	20	10	176			m i ke	LDG	930393

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		SED	930403
ML	2.2		LDG	930393

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.56	61.5	Pg	04:50:51.189	0.6					___	2.4				m_e
BFO	0.56	61.5	Sg	04:50:59.061	1.0					___					m_e

Event 51127002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/27	21:25:31.50	0.25	1.01	51.5805	6.8473	4.4	2.7	032	1.0f		33	16	267			m i si	LDG	51127032
2005/11/27	21:25:31.90	1.16	0.51	51.5650	6.8500				1.0f		12	7	287	0.22	1.39	m i ki	BENS	51127022
2005/11/27	21:25:32.45	1.03	0.95	51.5120	6.8550	11.1	4.4	140	1.0f		7	4	246	1.63	2.21	m i ki	BGR	51127012
2005/11/27	21:25:31.20			51.5310	6.8420				1.0f							m i ki	BUG	51127002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	51127032
ML	2.1		BENS	51127022
ML	2.1	1	BGR	51127012
ML	1.9		BUG	51127002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAU	0.19	160.5	Pg	21:25:35.900	1.1					___					m_e
LAU	0.19	160.5	Sg	21:25:39.770	2.5					___		207.6	0.40		m_e
BUG	0.28	108.6	Pg	21:25:37.500	1.0					TA_					m_e
ROD	0.57	227.2	Pg	21:25:42.990	1.1					___					m_e
BNS	0.60	159.6	Pg	21:25:44.170	1.6					___					m_e
BNS	0.60	159.6	Sg	21:25:53.410	3.0					___					m_e
HOB	0.63	150.5	Pg	21:25:44.170	1.1					___					m_e
HOB	0.63	150.5	Sg	21:25:53.300	2.1					___					m_e
STB	0.94	180.1	Pg	21:25:50.620	1.8					___					m_e
STB	0.94	180.1	Sg	21:26:03.290	2.3					___		73.1	0.50		m_e
HIL	1.24	184.8	Sg	21:26:13.390	2.7					___					m_e
BGG	1.36	166.6	Pg	21:25:57.170	0.3					___					m_e

BGG	1.36	166.6	Sg	21:26:16.080	1.6	---	---	---	---	---	---	43.9	0.20	m_e	---	---	---	---	---
TNS	1.65	141.6	Pg	21:26:03.071	0.7	---	---	---	---	---	3.9	---	---	---	m_e	ML	---	---	2.1
TNS	1.65	141.6	Sg	21:26:24.787	1.0	---	---	---	---	---	2.7	---	---	---	m_e	---	---	---	---
WLF	1.92	193.5	Pg	21:26:08.862	1.5	---	---	---	---	---	3.9	---	---	---	m_e	---	---	---	---
WLF	1.92	193.5	Sg	21:26:32.483	0.4	---	---	---	---	---	3.9	---	---	---	m_e	---	---	---	---
UBBA	2.10	108.5	Sg	21:26:38.818	0.8	---	---	---	---	---	2.5	---	---	---	m_e	---	---	---	---
CLZ	2.21	80.5	Pg	21:26:13.813	1.0	---	---	---	---	---	3.3	---	---	---	m_e	---	---	---	---
CLZ	2.21	80.5	Sg	21:26:43.065	1.6	---	---	---	---	---	2.6	---	---	---	m_e	---	---	---	---
MOX	3.13	104.6	Sg	21:27:12.500	2.0	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---
CLL	3.85	90.9	Sg	21:27:40.000	6.6	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---

Event 51128004 Unna, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/28	02:57:35.10	0.52	0.21	51.6710	7.6820	---	---	---	1.0f	---	7	4	307	0.72	1.48	m i ki	BENS	51128014
2005/11/28	02:57:34.77	1.18	0.39	51.5810	7.7250	15.6	5.6	135	1.0f	---	5	3	232	1.43	2.16	m i ki	BGR	51128004
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	---	BENS	51128014
ML	1.8	0.1	2 BGR	51128004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HOB	0.65	202.4	Pg	02:57:48.800	1.9	---	---	---	---	---	---	---	---	---	---
HOB	0.65	202.4	Sg	02:57:59.250	4.0	---	---	---	---	---	---	---	---	---	---
ROD	1.06	246.3	Sg	02:58:10.290	1.9	---	---	---	---	---	---	186.1	0.60	m_e	---
STB	1.13	209.7	Pg	02:57:57.200	1.1	---	---	---	---	---	---	---	---	---	---
STB	1.13	209.7	Sg	02:58:13.320	2.5	---	---	---	---	---	---	15.3	0.50	m_e	---
BGG	1.40	190.3	Pg	02:58:01.600	0.5	---	---	---	---	---	---	---	---	---	---
BGG	1.40	190.3	Sg	02:58:20.460	1.3	---	---	---	---	---	---	---	---	---	---
TNS	1.43	161.2	Pg	02:58:02.053	0.3	---	---	---	---	T_	2.0	---	---	m_e	ML 1.7
TNS	1.43	161.2	Sg	02:58:20.203	-0.1	---	---	---	---	T_	---	---	---	m_e	---
CLZ	1.66	79.9	Pg	02:58:05.957	-0.1	---	---	---	---	T_	3.6	---	---	m_e	ML 1.8
CLZ	1.66	79.9	Sg	02:58:27.846	0.3	---	---	---	---	T_	---	---	---	m_e	---
WLF	2.16	208.1	Sg	02:58:43.464	0.1	---	---	---	---	T_	---	---	---	m_e	---

Event 51128001 Unna, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/28	03:14:15.70	0.26	0.56	51.6955	7.7393	4.3	3.9	060	1.0f	---	25	12	294	---	---	m i si	LDG	51128031
2005/11/28	03:14:15.50	1.46	0.70	51.7210	7.7320	---	---	---	1.0f	---	10	6	310	0.78	1.57	m i ki	BENS	51128021
2005/11/28	03:14:12.77	1.08	0.94	51.6970	7.5890	10.0	4.4	142	1.0f	---	9	6	239	1.57	3.27	m i ki	BGR	51128011
2005/11/28	03:14:15.50	---	---	51.5930	7.7340	---	---	---	1.0f	---	---	---	---	---	---	m i ki	BUG	51128001
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	---	LDG	51128031
ML	2.3	---	BENS	51128021
ML	2.2	1	BGR	51128011
ML	2.1	---	BUG	51128001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.33	242.4	Pg	03:14:22.700	1.0					TA_				m_e	
HOB	0.66	202.5	Pg	03:14:30.070	2.2					---				m_e	
BNS	0.72	209.2	Pg	03:14:32.000	2.9					---				m_e	
BNS	0.72	209.2	Sg	03:14:43.370	5.0					---				m_e	
ROD	1.07	245.8	Pg	03:14:36.670	1.0					---				m_e	
ROD	1.07	245.8	Sg	03:14:52.000	2.6					---				m_e	
STB	1.15	209.7	Pg	03:14:38.090	1.0					---				m_e	
STB	1.15	209.7	Sg	03:14:53.720	1.8					---		59.4	0.50	m_e	
BGG	1.41	190.4	Pg	03:14:42.660	0.6					---				m_e	
BGG	1.41	190.4	Sg	03:15:02.460	2.2					---		17.5	0.50	m_e	
TNS	1.44	161.6	Pg	03:14:42.636	-0.0					---	5.7			m_e	ML 2.2
TNS	1.44	161.6	Sg	03:15:02.578	1.3					---	3.2			m_e	
HIL	1.46	207.5	Sg	03:15:03.270	1.4					---				m_e	
UBBA	1.62	117.7	Pg	03:14:46.371	0.4					---	5.6			m_e	
UBBA	1.62	117.7	Sg	03:15:08.506	1.6					---	3.5			m_e	
CLZ	1.65	80.3	Pg	03:14:45.337	-1.3					---	11.1			m_e	
CLZ	1.65	80.3	Sg	03:15:07.449	-0.6					---	3.4			m_e	
WLF	2.17	208.1	Sg	03:15:23.247	-1.3					---	2.8			m_e	
NEUB	2.55	97.1	Sg	03:15:37.185	0.7					---	2.5			m_e	
MOX	2.61	109.7	Pn	03:14:58.300	0.4					---				m_e	
MOX	2.61	109.7	Pg	03:15:06.500	1.7					---				m_e	
MOX	2.61	109.7	Sg	03:15:42.500	4.0					---				m_e	
GUNZ	3.14	111.2	Pg	03:15:14.780	0.0					---	1.6			m_e	
CLL	3.30	92.9	Pg	03:15:21.000	3.4					---				m_e	
CLL	3.30	92.9	Sg	03:16:06.000	5.8					---				m_e	

Event 51128005 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/28	09:17:22.40	0.20	0.57	51.5755	6.8853	3.8	2.1	040	1.0f		18	11	272			m i si	LDG	51128035
2005/11/28	09:17:22.80	0.84	0.41	51.5500	6.8960				1.0f		12	6	312	0.61	1.37	m i ki	BENS	51128025
2005/11/28	09:17:21.60	1.01	1.09	51.5440	6.8480	11.1	4.4	139	1.0f		8	4	247	0.28	2.20	m i ki	BGR	51128015
2005/11/28	09:17:20.80			51.5280	6.8150				1.0f							m i ki	BUG	51128005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	51128035
ML	2.1		BENS	51128025
ML	2.1	0.2	4 BGR	51128015
ML	1.9		BUG	51128005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.10	20.1	Pg	09:17:22.400	-0.3					T_				m_	ML 1.9
ZERL	0.10	20.1	Sg	09:17:23.800	-0.1					T_				m_	
BUG	0.30	107.0	Pg	09:17:27.663	1.3					---	5.3			m_e	ML 1.8
BUG	0.30	107.0	Sg	09:17:30.748	0.5					---				m_e	
BNS	0.61	158.0	Pg	09:17:34.010	1.7					---				m_e	
BNS	0.61	158.0	Sg	09:17:43.250	3.1					---				m_e	
HOB	0.63	149.0	Pg	09:17:35.090	2.3					---				mde	
HOB	0.63	149.0	Sg	09:17:43.520	2.6					---				m_e	

STB	0.93	179.0	Pg	09:17:41.190	2.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---	
STB	0.93	179.0	Sg	09:17:54.300	3.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	47.6	0.30	---	---
KLL	0.94	199.9	Pg	09:17:40.920	2.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---
KLL	0.94	199.9	Sg	09:17:54.920	4.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---
HIL	1.24	184.0	Pg	09:17:46.130	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---
HIL	1.24	184.0	Sg	09:18:03.360	3.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---
BGG	1.36	165.8	Pg	09:17:47.380	0.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---
BGG	1.36	165.8	Sg	09:18:06.680	2.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	44.3	0.40	---	---
TNS	1.66	141.1	Pg	09:17:52.681	0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---
TNS	1.66	141.1	Sg	09:18:14.620	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---
WLF	1.91	193.0	Pg	09:17:58.386	1.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---
WLF	1.91	193.0	Sg	09:18:22.523	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---
CLZ	2.23	80.5	Pg	09:18:03.128	0.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---
CLZ	2.23	80.5	Sg	09:18:31.457	-0.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---	---	---

Event 51128006 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/28	22:09:03.00	0.15	0.29	51.5977	6.8222	2.6	1.7	030	1.0f	---	21	12	270	---	---	m i s i	LDG	51128036
2005/11/28	22:09:03.90	0.91	0.41	51.5450	6.8670	---	---	---	1.0f	---	10	6	311	0.61	1.37	m i k i	BENS	51128026
2005/11/28	22:09:03.54	0.99	1.38	51.5120	6.9160	11.1	4.4	139	1.0f	---	8	4	245	0.23	2.17	m i k i	BGR	51128016
2005/11/28	22:09:01.80	---	---	51.5280	6.8150	---	---	---	1.0f	---	---	---	---	---	---	m i k i	BUG	51128006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	---	LDG	51128036
ML	1.8	---	BENS	51128026
ML	1.6	0.3	2 BGR	51128016
ML	1.7	---	BUG	51128006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.10	20.1	Pg	22:09:03.400	-0.3	---	---	---	---	T_	---	---	---	m_	ML 1.7
ZERL	0.10	20.1	Sg	22:09:04.900	-0.0	---	---	---	---	T_	---	---	---	m_	---
BUG	0.30	107.0	Pg	22:09:08.463	1.1	---	---	---	---	---	2.7	---	---	m_e	ML 1.3
BUG	0.30	107.0	Sg	22:09:10.695	-0.5	---	---	---	---	---	---	---	---	m_e	---
BNS	0.61	158.0	Pg	22:09:15.520	2.3	---	---	---	---	---	---	---	---	m_e	---
HOB	0.63	149.0	Pg	22:09:16.230	2.5	---	---	---	---	---	---	---	---	m_e	---
HOB	0.63	149.0	Sg	22:09:24.530	2.6	---	---	---	---	---	---	---	---	m_e	---
STB	0.93	179.0	Pg	22:09:22.070	2.7	---	---	---	---	---	---	---	---	m_e	---
STB	0.93	179.0	Sg	22:09:35.590	4.1	---	---	---	---	---	---	27.0	0.60	m_e	---
KLL	0.94	199.9	Pg	22:09:21.760	2.3	---	---	---	---	---	---	---	---	m_e	---
KLL	0.94	199.9	Sg	22:09:35.590	4.1	---	---	---	---	---	---	24.0	0.50	m_e	---
HIL	1.24	184.0	Sg	22:09:43.990	2.9	---	---	---	---	---	---	---	---	m_e	---
BGG	1.36	165.8	Pg	22:09:28.630	1.2	---	---	---	---	---	---	---	---	m_e	---
BGG	1.36	165.8	Sg	22:09:47.780	2.7	---	---	---	---	---	---	---	---	m_e	---
TNS	1.66	141.1	Pg	22:09:33.642	0.5	---	---	---	---	---	2.1	---	---	m_e	ML 1.9
TNS	1.66	141.1	Sg	22:09:55.450	0.8	---	---	---	---	---	---	---	---	m_e	---
WLF	1.91	193.0	Pg	22:09:39.853	2.1	---	---	---	---	---	1.4	---	---	m_e	---
WLF	1.91	193.0	Sg	22:10:03.636	1.1	---	---	---	---	---	---	---	---	m_e	---
CLZ	2.23	80.5	Pg	22:09:44.954	1.2	---	---	---	---	---	2.0	---	---	m_e	---
CLZ	2.23	80.5	Sg	22:10:12.035	-0.5	---	---	---	---	---	---	---	---	m_e	---

Event 51129004 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/29	13:30:34.70	0.17	0.38	51.6039	6.8452	3.0	2.0	034	1.0f		22	11	271			m i si	LDG	51129034
2005/11/29	13:30:36.00	1.36	0.51	51.5370	6.8800				1.0f		16	8	284	0.19	1.36	m i ki	BENS	51129024
2005/11/29	13:30:35.09	1.52	1.23	51.5020	6.9150	16.7	5.6	137	1.0f		6	4	245	0.23	2.17	m i ki	BGR	51129014
2005/11/29	13:30:33.30			51.5280	6.8150				1.0f							m i ki	BUG	51129004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	51129034
ML	2.2		BENS	51129024
ML	2.0	0.3	4 BGR	51129014
ML	1.9		BUG	51129004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZERL	0.10	20.1	Pg	13:30:34.900	-0.3					T__				m__	ML	1.9
ZERL	0.10	20.1	Sg	13:30:36.400	-0.1					T__				m__		
LAU	0.19	155.5	Pg	13:30:39.150	2.2					---				m_e		
LAU	0.19	155.5	Sg	13:30:42.860	3.4					---		180.0	0.80	m_e		
BUG	0.30	107.0	Pg	13:30:40.342	1.5					---	3.0			m_e	ML	1.5
BUG	0.30	107.0	Sg	13:30:41.998	-0.7					---				m_e		
ROD	0.55	226.2	Pg	13:30:47.780	4.1					---				m_e		
ROD	0.55	226.2	Sg	13:30:55.150	4.3					---		317.2	0.70	m_e		
BNS	0.61	158.0	Pg	13:30:47.880	3.1					---				m_e		
BNS	0.61	158.0	Sg	13:30:56.360	3.7					---		84.9	0.60	m_e		
HOB	0.63	149.0	Pg	13:30:47.410	2.2					---				m_e		
HOB	0.63	149.0	Sg	13:30:56.480	3.0					---		121.5	0.60	m_e		
STB	0.93	179.0	Pg	13:30:53.980	3.1					---				m_e		
STB	0.93	179.0	Sg	13:31:06.870	3.9					---		50.6	0.40	m_e		
KLL	0.94	199.9	Pg	13:30:53.690	2.8					---				m_e		
KLL	0.94	199.9	Sg	13:31:07.690	4.7					---		64.1	0.60	m_e		
HIL	1.24	184.0	Pg	13:30:59.430	2.8					---				m_e		
HIL	1.24	184.0	Sg	13:31:16.850	4.2					---		76.0	0.80	m_e		
BGG	1.36	165.8	Pg	13:31:00.380	1.4					---				m_e		
BGG	1.36	165.8	Sg	13:31:19.340	2.8					---		44.2	0.30	m_e		
TNS	1.66	141.1	Pg	13:31:05.157	0.5					---	2.8			m_e	ML	2.0
TNS	1.66	141.1	Sg	13:31:26.554	0.4					---				m_e		
WLF	1.91	193.0	Sg	13:31:35.192	1.2					---				m_e	ML	2.2
CLZ	2.23	80.5	Sg	13:31:43.966	-0.1					---				m_e	ML	2.2

Event 51129005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/29	16:57:28.90	0.09	0.52	49.3271	6.8214	1.7	1.3	061	1.0f		22	11	095			m i si	LDG	51129025
2005/11/29	16:57:33.40	0.95	0.41	49.4720	6.9660				1.0f		5	4	323	0.77	1.25	m i ki	BENS	51129015
2005/11/29	16:57:29.02	0.48	1.25	49.3250	6.7790	7.8	4.4	037	1.0f		6	3	176	0.53	1.43	m i ki	BGR	51129005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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ML	2.5		LDG	51129025
ML	1.5		BENS	51129015
ML	1.7	0.2	3 BGR	51129005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.53	310.1	Pg	16:57:39.898	0.9					T__	2.4			m_e	ML 1.4
WLF	0.53	310.1	Sg	16:57:45.173	-0.7					T__				m_e	
BGG	0.95	22.0	Pg	16:57:48.320	1.4					---				m_e	
BGG	0.95	22.0	Sg	16:57:58.620	-0.6					---		16.0	0.40	m_e	
HIL	0.97	356.3	Sg	16:58:01.440	1.6					---				m_e	
STB	1.27	1.7	Sg	16:58:10.230	0.9					---				m_e	
KLL	1.36	347.4	Sg	16:58:12.360	0.3					---				m_e	
TNS	1.40	49.6	Pg	16:57:55.846	0.4					T__	2.1			m_e	ML 1.8
TNS	1.40	49.6	Sg	16:58:13.435	-0.1					T__				m_e	
BFO	1.43	133.7	Pg	16:57:55.943	0.1					T__	1.6			m_e	ML 1.8
BFO	1.43	133.7	Sg	16:58:14.159	-0.1					T__				m_e	

Event 51129006 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/29	20:11:33.90	0.08	0.38	50.3031	7.4471	1.6	0.9	069	4.0f		42	14	175			m i ke	LDG	51129036
2005/11/29	20:11:37.40	1.10		50.2490	7.7190	10.5	4.0	103	10.0f		6	3	275	0.19	0.38	m i ke	HLUG	51129026
2005/11/29	20:11:32.47	0.56	2.35	50.3510	7.4490	10.0	5.6	147	10.0f		6	4	179	0.65	2.36	m i ke	BGR	51129016
2005/11/29	20:11:34.50	0.64	0.21	50.3220	7.4160				4.5	16.7	10	6	208	0.13	1.07	m i ke	BENS	51129006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	51129036
ML	1.3		HLUG	51129026
ML	1.6	0.1	2 BGR	51129016
ML	1.4		BENS	51129006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.13	203.9	Pg	20:11:37.280	0.3					T__				mci	
BGG	0.13	203.9	Sg	20:11:38.910	0.2					T__		348.8	0.20	m_e	
WBD	0.37	129.9	Pg	20:11:41.218	-0.3					---				m__	
WBD	0.37	129.9	Sg	20:11:45.450	-0.8					---				m__	
STB	0.46	306.7	Pg	20:11:43.450	0.3					T__				mde	
STB	0.46	306.7	Sg	20:11:49.210	0.1					T__		22.6	0.70	m_i	
HIL	0.47	266.7	Pg	20:11:43.360	-0.0					T__				m_e	
HIL	0.47	266.7	Sg	20:11:49.930	0.4					T__		35.8	0.30	m_e	
WBE	0.53	113.3	Pg	20:11:43.965	-0.6					---				m__	
WBC	0.55	82.2	Pg	20:11:44.163	-0.7					---				m__	
WBC	0.55	82.2	Sg	20:11:51.289	-0.7					---				m__	
HOB	0.66	355.5	Pg	20:11:46.840	-0.2					T__				mdi	
TNS	0.67	98.2	Pg	20:11:46.057	-1.0					---	2.9			m_e	ML 1.5
TNS	0.67	98.2	Sg	20:11:53.958	-1.8					---				m_e	
KLL	0.77	295.3	Pg	20:11:49.040	-0.1					T__				m_e	
KLL	0.77	295.3	Sg	20:11:59.610	0.5					T__		5.8	0.30	m_e	
WLF	1.04	231.5	Pg	20:11:53.935	-0.3					---	1.6			m_e	ML 1.7
WLF	1.04	231.5	Sg	20:12:06.390	-1.3					---				m_e	
LAU	1.07	344.0	Sg	20:12:08.430	-0.1					T__				m_e	

BFO	2.08	163.0	Sg	20:12:38.190	-2.4	---	m_e
CLZ	2.40	49.6	Sg	20:12:46.579	-4.2	---	m_e

Event 51130002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/30	04:52:54.19	0.60		51.4660	16.1710	7.8	4.4	155	1.0f		22	11	266	1.52	3.61	m i ki	BGR	51130002

Magnitude	Err	Nsta	Author	OrigID
ML	4.0	0.3	11 BGR	51130002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.52	247.9	Pn	04:53:21.824	0.1					T__				m_e ML	3.8
BRG	1.52	247.9	Sg	04:53:43.858	1.5					T__				m_e	
RUE	1.79	305.4	Pn	04:53:24.551	-0.8					T__				m_e ML	3.7
RUE	1.79	305.4	Sg	04:53:45.235	-5.7					T__				m_e	
CLL	1.98	266.7	Pn	04:53:27.744	-0.3					T__				m_e ML	3.7
CLL	1.98	266.7	Sg	04:53:57.009	-0.2					T__				m_e	
WERD	2.64	248.8	Pn	04:53:37.710	0.8					T__				m_e ML	3.8
WERD	2.64	248.8	Sg	04:54:17.770	-0.2					T__				m_e	
GUNZ	2.66	247.0	Pn	04:53:38.363	1.2					T__				m_e ML	4.2
GUNZ	2.66	247.0	Sg	04:54:19.663	1.0					T__				m_e	
MOX	2.98	255.8	Pn	04:53:41.903	0.4					T__				m_e ML	4.4
MOX	2.98	255.8	Sg	04:54:29.621	0.8					T__				m_e	
ROTZ	3.03	237.5	Pn	04:53:43.752	1.5					T__				m_e ML	3.9
ROTZ	3.03	237.5	Sg	04:54:30.563	-0.0					T__				m_e	
NOTT	3.05	238.8	Pn	04:53:43.857	1.3					T__				m_e ML	4.0
NOTT	3.05	238.8	Sg	04:54:31.488	0.3					T__				m_e	
GEC2	3.06	212.1	Pn	04:53:44.555	1.9					T__				m_e ML	3.9
GEC2	3.06	212.1	Sg	04:54:31.367	-0.1					T__				m_e	
WET	3.13	223.4	Pn	04:53:45.175	1.6					T__				m_e ML	3.9
WET	3.13	223.4	Sg	04:54:32.810	-0.9					T__				m_e	
GRA1	3.61	242.5	Pn	04:53:51.887	1.8					T__				m_e ML	4.6
GRA1	3.61	242.5	Sg	04:54:48.846	0.0					T__				m_e	

Event 51130003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/30	05:50:47.15	0.53		51.4540	16.1410	6.7	4.4	162	1.0f		27	14	304	1.50	3.59	m i ki	BGR	51130003

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	14 BGR	51130003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.50	248.0	Pn	05:51:14.229	-0.1					T__				m_e ML	3.0
BRG	1.50	248.0	Sg	05:51:35.873	1.2					T__				m_e	
FBE	1.83	254.1	Pg	05:51:20.407	-1.2					T__				m_e ML	2.8
FBE	1.83	254.1	Sg	05:51:45.814	0.7					T__				m_e	
CLL	1.96	267.0	Pn	05:51:20.203	-0.5					T__				m_e ML	3.0
CLL	1.96	267.0	Sg	05:51:49.782	0.2					T__				m_e	
TANN	2.54	247.3	Pn	05:51:29.348	0.8					T__				m_e ML	3.1

TANN	2.54	247.3	Sg	05:52:07.326	-0.5	T__	m_e		
WERD	2.62	248.9	Pn	05:51:30.532	1.0	T__	m_e ML	3.1	
WERD	2.62	248.9	Sg	05:52:09.894	-0.4	T__	m_e		
GUNZ	2.64	247.1	Pn	05:51:31.197	1.3	T__	m_e ML	3.4	
GUNZ	2.64	247.1	Sg	05:52:10.571	-0.4	T__	m_e		
WERN	2.65	245.3	Pn	05:51:31.215	1.2	T__	m_e ML	3.1	
WERN	2.65	245.3	Sg	05:52:12.643	1.4	T__	m_e		
NEUB	2.74	266.6	Sg	05:52:15.154	1.0	T__	m_e ML	3.8	
MOX	2.96	255.9	Pn	05:51:35.136	0.9	T__	m_e ML	3.4	
MOX	2.96	255.9	Sg	05:52:21.029	-0.1	T__	m_e		
ROTZ	3.01	237.5	Pn	05:51:36.529	1.6	T__	m_e ML	3.0	
ROTZ	3.01	237.5	Sg	05:52:22.603	-0.2	T__	m_e		
NOTT	3.03	238.8	Pn	05:51:36.222	1.0	T__	m_e ML	3.1	
NOTT	3.03	238.8	Sg	05:52:23.188	-0.3	T__	m_e		
GEC2	3.04	211.9	Pn	05:51:37.066	1.7	T__	m_e ML	3.1	
GEC2	3.04	211.9	Sg	05:52:24.488	0.7	T__	m_e		
WET	3.11	223.3	Pn	05:51:37.487	1.2	T__	m_e ML	3.1	
WET	3.11	223.3	Sg	05:52:24.792	-1.2	T__	m_e		
GRA1	3.59	242.5	Pn	05:51:44.421	1.7	T__	m_e ML	3.6	
GRA1	3.59	242.5	Sg	05:52:42.664	1.6	T__	m_e		

Event 51130306 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/11/30	20:14:02.30	0.10	0.37	51.6187	6.8981	1.7	1.3	039	1.0f		46	19	271			m i si	LDG	51130336
2005/11/30	20:14:03.50	0.98	0.41	51.5520	6.8970				1.0f		13	8	286	0.20	1.37	m i ki	BENS	51130326
2005/11/30	20:14:03.78	1.16		51.4890	6.8990	12.2	5.6	133	1.0f		7	4	244	0.24	2.18	m i ki	BGR	51130316
2005/11/30	20:14:01.30			51.4780	6.7660				1.0f							m i ki	BUG	51130306

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		LDG	51130336
ML	2.1		BENS	51130326
ML	2.1	0.3	4 BGR	51130316
ML	1.8		BUG	51130306

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAU	0.17	138.8	Pg	20:14:07.220	2.7									m_e	
BUG	0.32	96.6	Pg	20:14:08.300	1.0									mdi ML	1.8
BUG	0.32	96.6	Sg	20:14:13.400	2.1									m_e	
ROD	0.49	227.9	Sg	20:14:23.430	6.4									m_e	
BNS	0.58	153.3	Sg	20:14:23.770	4.2									m_e	
HOB	0.61	144.1	Pg	20:14:15.500	2.7									m_e	
HOB	0.61	144.1	Sg	20:14:24.210	3.6									m_e	
KLL	0.88	199.1	Pg	20:14:21.880	4.0									m_e	
KLL	0.88	199.1	Sg	20:14:35.680	6.5							111.8	0.30	m_e	
STB	0.89	177.0	Pg	20:14:21.700	3.7									m_e	
STB	0.89	177.0	Sg	20:14:35.500	6.1							58.1	0.20	m_e	
HIL	1.19	182.6	Pg	20:14:27.400	3.7									m_e	
HIL	1.19	182.6	Sg	20:14:43.950	5.0									m_e	
BGG	1.32	164.0	Pg	20:14:28.090	1.9									m_e	
BGG	1.32	164.0	Sg	20:14:47.490	4.2							50.4	0.30	m_e	
TNS	1.64	139.1	Pg	20:14:33.195	0.9									m_e ML	2.2

TNS	1.64	139.1	Sg	20:14:54.542	1.0	---	m_e	
WLF	1.85	192.4	Sg	20:15:03.456	3.2	---	m_e ML	2.2
CLZ	2.27	79.4	Pg	20:14:42.656	-1.4	---	m_e ML	2.3
CLZ	2.27	79.4	Sg	20:15:13.335	0.0	---	m_e	

DATA\_TYPE ARRIVAL: REVIEWED IMS1.0

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	BRG			2005/11/01	09:45:21.760	Sg						m_e	BRG	
	BRG			2005/11/02	07:35:03.910	Sg						m_i	BRG	
	BRG			2005/11/03	08:49:21.110	Sg						m_e	BRG	
	BRG			2005/11/03	21:34:40.610	Sg						m_e	BRG	
	MOX			2005/11/10	13:54:43.900	Sg						m_e	MOX	
	BRG			2005/11/11	01:26:09.140	Sg						m_#	BRG	
	BRG			2005/11/11	02:46:22.390	Sg						m_e	BRG	
	BRG			2005/11/11	07:21:49.240	Sg						m_e	BRG	
	BRG			2005/11/12	15:27:14.570	Sg						m_e	BRG	
	BRG			2005/11/12	18:37:40.070	Sg						m_e	BRG	
	BRG			2005/11/13	00:09:02.380	Sg						m_e	BRG	
	BRG			2005/11/13	05:01:12.380	Sg						m_i	BRG	
	SCE			2005/11/15	09:15:33.700	Pg						mdi	SCE	
	SCE			2005/11/15	09:15:52.800	Sg						m_i	SCE	
	BRG			2005/11/15	15:44:05.000	Sg						m_i	BRG	
	MOX			2005/11/16	01:20:27.500	Sg						m_e	MOX	
	SCE			2005/11/16	12:10:23.000	Pg						mdi	SCE	
	BRG			2005/11/17	02:18:33.750	Sg						m_i	BRG	
	TNS			2005/11/18	08:33:15.715	Pg						m_e	BGR	
	TNS			2005/11/18	08:33:22.750	Sg						m_e	BGR	
	BRG			2005/11/19	06:20:23.110	Sg						m_e	BRG	
	BRG			2005/11/19	10:14:12.410	Sg						m_e	BRG	
	BRG			2005/11/19	17:27:05.160	Sg						m_e	BRG	
	WLF			2005/11/21	13:10:26.880	Pg						m_e	BGR	
	WLF			2005/11/21	13:10:30.146	Sg						m_e	BGR	
	BRG			2005/11/22	13:33:03.600	Sg						m_e	BRG	
	CLL			2005/11/22	20:35:43.000	Pg						m_e	CLL	
	CLL			2005/11/22	20:35:56.400	Sg						m_i	CLL	
	BFO			2005/11/23	07:49:36.223	Pg						m_e	BGR	
	BFO			2005/11/23	07:49:49.182	Sg						m_e	BGR	
	SCE			2005/11/24	09:56:16.700	Pn						mdi	SCE	
	BRG			2005/11/24	17:07:47.340	Sg						m_e	BRG	
	SCE			2005/11/24	17:28:40.900	Pg						mdi	SCE	
	SCE			2005/11/24	17:28:57.300	Sg						m_i	SCE	
	MOX			2005/11/25	04:18:18.300	Sg						m_e	MOX	
	CLL			2005/11/26	20:28:50.500	Sg						m_i	CLL	
	BRG			2005/11/26	23:34:20.200	Sg						m_e	BRG	
	CLL			2005/11/27	09:58:27.000	Sg						m_i	CLL	
	BRG			2005/11/28	08:10:11.850	Sg						m_e	BRG	
	BRG			2005/11/30	12:00:22.900	Sg						m_e	BRG	