

TABLE II: Instrumental Parameters of the Seismological Stations in Germany (state: December 2002)

Station Code	Seismometer		Instrument Parameters			digital recording			Remarks provided by the operator of the station
	Type	C	Ts [s]	hs	G [V/m/s]	NB	LSB [nm/s]	SR [Hz]	
ABH	GT	Z	2.0	0.7	405*	12	3-100*	62.5	event recording
ASS	GT	Z,N,E	1.0	0.65	200	16	1.53		analog recording: magnification (Z) = 84100(1 Hz), (N)=471000 (5 Hz), (E)= 942000 (10 Hz), recording speed = 60 mm/min PCM recording, Nyquist frequency 40 Hz
AUC	LE	Z,N,E	1.0	0.7	400	16	5	125	MARS88/ OD event
AUM	LE	Z,N,E	1.0	0.7	400	16	5	125	MARS88/ OD event
AUP	LE	Z,N,E	1.0	0.7	400	16	5	125	MARS88/ OD event
BAHL	GT	Z,N,E	1.0	0.62	135	24	7.4074	100	continuous SeisComp PC recording, EarthData digitizer
BAS	GT	Z	2.0	0.7	405*	14	3	250	PCM event recording (5800 Lennartz) 132db dynamic range (gain ranging mit 12 bit)
	SH1	N	5.0	0.7	180*	14	7	250	
	SH1	E	5.0	0.7	180*	14	7	250	
BAW	GT	Z	2.0	0.7	405*	14	3	250	PCM event recording (5800 Lennartz), 132 db dynamic range (gain ranging mit 12 bit)
	SH1	N	5.0	0.7	180*	14	7	250	
	SH1	E	5.0	0.7	180*	14	7	250	
BBS	GT	Z	2.0	0.7	630*	12	3-100*	62.5	event recording
BDB	TJ	Z,N,E	1.0	0.3	1000	16			PC recording
BDE	MK	Z	1.0	0.7	164.7	23.5		100	RefTek 07
	MK	N	1.0	0.7	164.9	23.5		100	
	MK	E	1.0	0.7	164.7	23.5		100	
BER	LE	Z,N,E	1.0	0.701	400	24	6.361	125	continuous PC recording, SeiSan
BEU	LE	Z,N,E	1.0	0.7	400	20	5	62.5	MARS88 event recording, 120 db dynamic range
BFO (LEDBW)	GT	Z	2.0	0.7	405*	14	3	250	PCM event recording (5800 Lennartz) 132 db dynamic range (gain ranging mit 12 bit)
	SH1	N	5.0	0.7	169*	14	7	250	
	SH1	E	5.0	0.7	181*	14	7	250	

* accurate values on request

Station Code	Seismometer		Instrument Parameters			digital recording			Remarks provided by the operator of the station
	Type	C	Ts [s]	hs	G [V/m/s]	NB	LSB [nm/s]	SR [Hz]	
BFO	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	continuous SeisComp PC recording, Quanterra Q680 digitizer (IDA/IRIS)
	S1	Z,N,E	360.0	0.707	2512	24	.019	20/0.2	
BGG	GS	Z	1.25	0.621	507	24	.048	125	continuous PC recording, SeiSan
	GS	N	1.19	0.62	440	24	.055	125	
	GS	E	1.27	0.62	460	24	.053	125	
BHB	GT	Z	2.0	0.7	405*	14	3	250	PCM event recording (5800 Lennartz) 132 db dynamic range (gain ranging mit 12 bit)
	SH1	N	5.0	0.7	180*	14	7	250	
	SH1	E	5.0	0.7	180*	14	7	250	
	QF	E	800 ³⁾			14			
BHG	GT	Z	1.5	0.62	301				analog recording, variable magnification*, 120 mm/min
BHXE	GT	Z,N,E	1.0	0.62	135	24	7.4074	100	continuous SeisComp PC recording, EarthData digitizer
BIW	LE	Z,N,E	1.0	0.7	400	16		62.5	MARS88 event recording, 122 db dynamic range
BKLB	GS	Z	1.0	0.75	2000	24	0.5	100	continuous SeisComp PC recording, EarthData digitizer
BLI	LE	Z,N,E	1.0	0.7	400	16		62.5	MARS88 event recording, 123 db dynamic range
BNS	LE	Z,N,E	5.0	0.7	400	24	0.061	125	continuous PC Recording, SeiSan
BOR	LE	Z,N,E	1.0	0.701	400	24	6.361	125	continuous PC recording, SeiSan
BREM	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	Kinematics K2-recording, 120 db dynamic range
BRG	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	continuous SeisComp PC recording, Quanterra Q680 digitizer
BSEG	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	continuous SeisComp PC recording, Quanterra Q680 digitizer
BSHA	GS	Z	1.0	0.75	2000	24	0.5	100	continuous SeisComp PC recording, EarthData digitizer
BTEZ	GT	Z	1.0	0.62	135	24	7.4074	100	continuous SeisComp PC recording, EarthData digitizer
BUCH	LE	Z,N,E	1.0	0.7	400	16	5	62.5	MARS88 event recording, 120 db dynamic range
BUG	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	continuous SeisComp PC recording, Quanterra Q680 digitizer
CAF	LE	Z,N,E	1.0	0.7	400	16	5	125	MARSlite/ OD event

* accurate values on request ¹⁾ V/m/s², ²⁾ μ m/s² ³⁾ Hz

Station Code	Seismometer		Instrument Parameters			digital recording			Remarks provided by the operator of the station
	Type	C	Ts [s]	hs	G [V/m/s]	NB	LSB [nm/s]	SR [Hz]	
CLL	WH	N	10	0.28					analog recording: magnification (N) = 370, magnification (E) = 340 recording speed 15 mm/min continuous SeisComp PC recording, Quanterra Q680 digitizer
	WH	E	10	0.34					
	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	
CLZ	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	continuous SeisComp PC recording, Quanterra Q680 digitizer
CZS	LE	Z,N,E	1.0	0.7	400	16	5	125	MARS88/ OD event
DRE	LE	Z,N,E	1.0	0.7	400	16			MARS88/FD event recording
DUP	LE	Z,N,E	1.0	0.7	400	16		62.5	MARS88 event recording, 123 db dynamic range
EFR	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	Kinematics K2-recording, 120 db dynamic range
EIB	LE	Z,N,E	1.0	0.7	400	16	5	125	MARSlite/ OD event
END	GT	Z	2.0	0.7	405*	14	3	250	PCM event recording (5800 Lennartz) 132 db dynamic range (gain ranging mit 12 bit)
	SH1	N	5.0	0.7	180*	14	7	250	
	SH1	E	5.0	0.7	180*	14	7	250	
ENG	GT	Z	2.0	0.7	405*	14	3	250	PCM event recording (5800 Lennartz) 132 db dynamic range (gain ranging mit 12 bit)
	SH1	N	5.0	0.7	180*	14	7	250	
	SH1	E	5.0	0.7	180*	14	7	250	
FACH	QF	E	800 ³⁾			12			MARS88 event recording, 121 db dynamic range
	LE	Z,N,E	1.0	0.7	400	16		62.5	
FBB	LE	Z	1.0	0.7	400	10	3-100*	62.5	event recording Kinematics K2-recording, 120 db dynamic range
	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	
FBE	J2	Z,N,E	1.6		0.5	16	1.26	20	analog recording: magnification = 200000 (1 Hz), 60 mm/min recording speed, 5 Hz anti-aliasing filter, displacement proport. 0.625-5.0 Hz
FELD	GT	Z	2.0	0.7	405	12	3-100*	62.5	event recording Kinematics K2-recording, 120 db dynamic range
	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	
FSH	LE	Z,N,E	1.0	0.7	400	16		62.5	MARS88 event recording, 121 db dynamic range
FUN	LE	Z,N,E	1.0	0.701	400	24	6.361	125	continuous PC recording, SeiSan
FUR	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	continuous SeisComp PC recording, Quanterra Q680 digitizer analog recording: variable magnification*, recording speed 120 mm/min
	GT	Z,N,E	1.5	0.62	4000				

* accurate values on request

¹⁾ V/m/s², ²⁾ μ m/s² ³⁾ Hz

Station Code	Seismometer		Instrument Parameters			digital recording			Remarks provided by the operator of the station
	Type	C	Ts [s]	hs	G [V/m/s]	NB	LSB [nm/s]	SR [Hz]	
GAPA	LE	Z,N,E	1.0	0.707	400	24	0.596	200	LE-M24 mit SeisComp, offline, in operation since 20-oct-2002
GERES (Array)	GS	Z,N,E	1.0	0.775	2000	24	0.0377	40	25 vertical, 4 horizontal N-S, 4 horizontal E-W seismometers, 3 each at GEA2,GED1, GED4,GED7 LSB on plateau at 1Hz, LSB 0.04187 nm/sec since June 6,2002
GEC2	S2	Z,N,E	120.0	0.707	1500	24	0.0503	80	Nanometrics HRD Europa
GMA	LE	Z,N,E	1.0	0.701	400	24	6.361	125	continuous PC recording, SeiSan
GOR1	MK	Z	1.1	0.707	159	16	0.97	120	orientation of the horizontal components: H1 - 42° ±1° H2 - 132° ±1°
	MK	H1	0.89	0.707	134	16	1.05	120	
	MK	H2	1.0	0.707	175	16	0.97	120	
GOR2	MK	Z	1.0	0.707	123	16	0.90	120	gain ranging system, 12 bit mantissa, 4 bit exponent, anti-aliasing filter: Butterworth type corner frequency: 40 Hz slope: 47 dB/oct
GOR3	MK	Z	0.96	0.707	163	16	0.94	120	
GOR4	MK	Z	1.0	0.707	171	16	0.91	120	
GOR5	MK	Z	1.0	0.707	152	16	0.97	120	
GOR6	MK	Z	0.91	0.707	164	16	1.07	120	
GRF (Array)	S1	Z,N,E	20.0	0.707	2000	16 ³⁾	1.193		
GRFO	KS	Z	0.4			16 ³⁾			SRO-Station, event recording of short-period vertical output continuous recording of long period output seismometer transfer function proportional to ground acceleration poles & zeros on request
	KS	Z,N,E	25.0			16 ³⁾			
GTT	WI	N	9.5	0.4					analog recording: magnification (N) = 160, magnification (E) = 170, magnification (Z) = 220, recording speed 15 mm/min
	WI	E	10.2	0.3					
	WZ	Z	3.8	0.2					
	WG	N	1.3	0.4					
	WG	E	1.4	0.3					
GUNZ	LE	Z,N,E	5.0					100	EarthData digitizer
GUT	LE	Z	1.0	0.7	400	20	5	62.5	MARS88 event recording, 120 db dynamic range
HDH	LE	Z,N,E	1.0	0.7	400	20	5	62.5	MARS88 event recording, 120 db dynamic range

* accurate values on request

³⁾ gain ranging data acquisition system, 12 bit mantissa, 4 bit exponent; $V[nm/s]=1.193*(1/V(f))*mantissa*2^{(12-exp)}$

Station Code	Seismometer		Instrument Parameters			digital recording			Remarks provided by the operator of the station
	Type	C	Ts [s]	hs	G [V/m/s]	NB	LSB [nm/s]	SR [Hz]	
HEI	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	Kinematics K2-recording, 120 db dynamic range
HIL	MK	Z	1.09	0.62	44.6	24	0.545	125	continuous PC recording, SeiSan
	MK	N	1.08	0.621	53.1	24	0.458	125	
	MK	E	1.08	0.621	60.8	24	0.400	125	
HLD	LE	Z,N,E	1.0	0.7	400	16	5	125	MARS88/ OD event
HLG	S2	Z,N,E	120.0	0.707	1500	24	1.77	100	
HMB	LE	Z,N,E	1.0	0.701	400	24	6.361	125	continuous PC recording, SeiSan
HNK	LE	Z,N,E	1.0	0.701	400	24	6.361	125	continuous PC recording, SeiSan
HOB	GS	Z	1.26	0.621	310	24	8.208	125	continuous PC recording, SeiSan
	GS	N	1.28	0.624	460	24	5.532	125	
	GS	E	1.29	0.621	424	24	6.001	125	
HROE	LE	Z,N,E	1.0	0.707	400	24	0.596	200	in operation since 10-dec-2002
HSN	GT	Z	2.0	0.7	405*	14	3	250	PCM event recording (5800 Lennartz) 132 db dynamic range (gain ranging mit 12 bit)
	SH1	N	5.0	0.7	180*	14	7	250	
	SH1	E	5.0	0.7	180*	14	7	250	
	QF	E	800 ³⁾			14			
HTN	GT	Z	2.0	0.7	405*	14	3	250	PCM event recording (5800 Lennartz) 132 db dynamic range (gain ranging mit 12 bit)
	SH1	N	5.0	0.7	180*	14	7	250	
	SH1	E	5.0	0.7	180*	14	7	250	
	QF	N	800 ³⁾						
IBBN	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	continuous SeisComp PC recording, Quanterra Q680 digitizer
IMS	LE	Z,N,E	1.0	0.7	400	16		62.5	MARS88 event recording, 120 db dynamic range
JUE	LE	Z,N,E	1.0	0.701	400	18	5.252	125	continuous PC recording, SeiSan
JUN	GT	Z	2.0		405*	14	3	250	PCM event recording (5800 Lennartz), 132 db dynamic range, (gain ranging mit 12 bit)
	QF	Z,N,E	800 ³⁾			14			
KIZ	LE	Z,N,E	1.0	0.7	400	20	5	62.5	MARS88 event recording, 120 db dynamic range Kinematics K2-recording, 120 db dynamic range
	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	

* accurate values on request

¹⁾ V/m/s², ²⁾ μ m/s² ³⁾ Hz

Station Code	Seismometer		Instrument Parameters			digital recording			Remarks provided by the operator of the station
	Type	C	Ts [s]	hs	G [V/m/s]	NB	LSB [nm/s]	SR [Hz]	
KLL	MK	Z	1.09	0.625	130	24	1.187	125	continuous PC recording, SeiSan
	MK	N	1.1	0.617	149	24	1.163	125	
	MK	E	1.09	0.62	165	24	1.147	125	
KOE	MK	Z	0.867	0.622	55.8	24	0.436	125	continuous PC recording, SeiSan
	MK	N	1.05	0.621	51.0	24	0.477	125	
	MK	E	1.01	0.621	51.3	24	0.474	125	
KRW	SV1	Z	5.0	0.7	277			200	event recording, 12 bit ADC, 100 mm/min recording speed
KTD	GT	Z	2.0	0.7	405	12	3-100*	62.5	event recording
LBG	LE	Z,N,E	1.0	0.7	400	20	5	62.5	MARS88 event recording, 120 db dynamic range
LIBD	GT	Z	2.0	0.7	405	12	3-100*	62.5	event recording
	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	Kinematics K2-recording, 120 db dynamic range
LOER	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	Kinematics K2-recording, 120 db dynamic range
MANZ	S2	Z,N,E	120.0	0.707	1500	20	0.333	125	MARS88 event recording, 50 Hz anti-aliasing filter
MGBB	LE	Z,N,E	1.0	0.707	400	24	0.596	200	
MHAI	LE	Z,N,E	1.0	0.707	400	24	0.596	200	
MIL	LE	Z,N,E	1.0	0.701	400	24	6.361	125	continuous PC recording, SeiSan
MOX	J2	Z,N,E	1.6	0.5					analog recording: magnification = 47200, recording speed 60 mm/min analog recording: magnification 300000, recording speed 60 mm/min 92 dB dyn. range, 5 Hz anti-aliasing filter, storage on MO disk: BB event selected and LP (1 Hz) continuously analog recording: magnification 200000, recording speed 60 mm/min 5 Hz anti-aliasing filter, displacement proport. 0.625 - 5.0 Hz continuous SeisComp PC recording, Quanterra Q680 digitizer
	J2	Z	0.23	0.33					
	TJ	Z,N,E	10.0			16	0.628	20	
	J2	Z	1.6	0.5		16	1.26	20	
	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	
MROB	LE	Z,N,E	1.0	0.707	400	24	0.596	200	
MSBB	LE	Z,N,E	1.0	0.707	400	24	0.596	200	

* accurate values on request

¹⁾ V/m/s², ²⁾ μ m/s²

Station Code	Seismometer		Instrument Parameters			digital recording			Remarks provided by the operator of the station
	Type	C	Ts [s]	hs	G [V/m/s]	NB	LSB [nm/s]	SR [Hz]	
MSG	GT	Z	2.0		405*	14	3	250	PCM event recording (5800 Lennartz) 132 db dynamic range (gain ranging mit 12 bit)
	SH1	N	5.0		180*	14	7	250	
	SH1	E	5.0		180*	14	7	250	
	QF	E	800 ³⁾			12			
MSS	GT	Z	2.0		405*	14	3	250	PCM event recording (5800 Lennartz) 132 db dynamic range (gain ranging mit 12 bit)
	SH1	N	5.0		180*	14	7	250	
	SH1	E	5.0		180*	14	7	250	
	QF	E	800 ³⁾			12			
MZEK	LE	Z,N,E	1.0	0.707	400	24	0.596	200	
NIC	GT	Z,N,E	1.0	0.67	285			100	RefTek 07
NRDL	S2	Z,N,E	120.0	0.707	1500	24	1.589	40	RDAS-200
OBER	LE	Z,N,E	1.0	0.707	400	24	0.596	200	in operation since 18-mar-2002
OCH	LE	Z,N,E	1.0	0.7	400	14		100	PCM recording Lennartz 5800
OFBG	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	Kinematics K2-recording, 120 db dynamic range
OGA	GT	Z	1.5	0.62	300				variable magnification*, 120 mm/min recording speed
OTR	MK	Z,N,E	1.0					100	EarthData digitizer
PEB	LE	Z,N,E	1.0	0.7	400	16		62.5	MARS88 event recording, 122 db dynamic range
PES	LE	Z,N,E	1.0	0.701	400	24	6.361	125	continuous PC recording, SeiSan
PLN	GU3	Z	1.0	0.3	1998	24	0.954	100	RefTek 07/08, continuous recording
	GU3	N	1.0	0.3	2000	24	0.954	100	
	GU3	E	1.0	0.3	2006	24	0.950	100	
PST	GU	Z	1.0	0.76	798	24	2.390	100	RefTek 07/08, continuous recording
	GU	N	1.0	0.75	800	24	2.384	100	
	GU	E	1.0	0.76	794	24	2.402	100	
RA1	SM3	Z,N,E	1.5		10	23.5		100	RefTek 07

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	Type	C	Ts [s]	hs	G [V/m/s]	NB	LSB [nm/s]	SR [Hz]	
REU	GU	Z	1.0	0.76	800	24	2.384	100	RefTek 07/08
	GU	N	1.0	0.76	794	24	2.402	100	
	GU	E	1.0	0.76	802	24	2.378	100	
RGN	S2	Z,N,E	120.9	0.718	1500	24	1.667	20	
RHAM	LE	Z,N,E	1.0	0.707	400	24	0.596	200	
RIVT	LE	Z	1.0	0.7	400	16		62.5	MARS88 event recording, 120 db dynamic range
RJOB	LE	Z,N,E	1.0	0.707	400	24	0.596	200	
RMOA	LE	Z,N,E	1.0	0.707	400	24	0.596	200	
RNHA	LE	Z,N,E	1.0	0.707	400	24	0.596	200	
ROD	MK	Z	0.945	0.625	149	24	17.077	125	continuous PC recording, SeiSan
	MK	N	0.970	0.622	175	24	14.540	125	
	MK	E	0.962	0.620	187	24	13.607	125	
ROE	LE	Z,N,E	1.0	0.701	400	24	6.361	125	continuous PC recording, SeiSan
ROHR	GU3	Z,N,E	30.0					50	Reftek
ROS	GT	Z	2.0	0.7	405*	14	3	250	PCM event recording (5800 Lennartz), 132 db dynamic range (gain ranging mit 12 bit)
ROTZ	S2	Z	120.0	0.707	1500	20	0.333	125	MARS88 event recording, 50 Hz anti-aliasing filter
RUE	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	continuous SeisComp PC recording, Quanterra Q680 digitizer
RUP	GT	Z	2.0	0.7	405*	12	3-100*	62.5	event recording
RWMO	LE	Z,N,E	1.0	0.707	400	24	0.596	200	
SCE	GT	Z	1.5	0.62	310				variable magnification*, 300 mm/min recording speed, during weekends reduced to 120 mm/min
	S2	Z,N,E	120.0	0.707	1500	20	0.333	125	MARS88 event recording, 50 Hz anti-aliasing filter
SCH	SM3	Z,N,E	1.0	0.489	9.7	24	196.6	100	RefTek 07/08, continuous recording
	SM3	E	1.0	0.489	9.7	24	196.6	100	

* accurate values on request

Station Code	Seismometer		Instrument Parameters			digital recording			Remarks provided by the operator of the station
	Type	C	Ts [s]	hs	G [V/m/s]	NB	LSB [nm/s]	SR [Hz]	
SIN	LE	Z,N,E	1.0	0.7	400	24	6.361	125	continuous PC recording, SeiSan
SIND	LE	Z,N,E	1.0	0.7	400	20	5	62.5	MARS88 event recording, 120 db dynamic range
SOL	GT	Z	2.0	0.7	405*	14	3	250	PCM event recording (5800 Lennartz), 132 db dynamic range (gain ranging mit 12 bit)
	SH1	N	5.0	0.7	180*	14	7	250	
	SH1	E	5.0	0.7	180*	14	7	250	
SPAK	GT	Z	2.0	0.7	405*	12	3-100*	62.5	event recording
STAB	LE	Z,N,E	5.0	0.7	400	14	3	250	PCM event recording (5800 Lennartz) 132db dynamic range, (gain ranging mit 12 bit)
STAU	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	Kinematics K2-recording, 120 db dynamic range
STB	GS	Z	1.35	0.619	468	24	0.052	125	continuous PC recording, SeiSan
	GS	N	1.32	0.622	470	24	0.052	125	
	GS	E	1.23	0.621	444	24	0.055	125	
STU	S2	Z,N,E	120.7	0.719	1500	24	1.63	20	
SWS	LE	Z,N,E	1.0	0.7	400	20	5	62.5	MARS88 event recording, 120 db dynamic range
TANN	S2	Z,N,E	120.0					100	SeisComp
TAU	J2	Z	1.0	0.02	381	24	5.005	100	RefTek 07/08 continuous recording
	J2	N	1.0	0.07	133	24	14.34	100	
	J2	E	1.0	0.06	170	24	11.22	100	
TGD	LE	Z,N,E	1.0	0.701	400	24	6.361	125	continuous PC recording, SeiSan
TNS	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	continuous SeisComp PC recording, Quanterra Q680 digitizer
TOD	GT	Z	2.0	0.7	405	12	3-100*	62.5	event recording
TUBL	LE	Z,N,E	1.0	0.7	400	24	1200		LSB in nV
UBR	LE	Z,N,E	1.0	0.7	400	20	5	62.5	MARS88 event recording, 120 db dynamic range
URA1	LE	Z,N,E	1.0	0.7	400	20	0.3	62.5	MARSlite event recording, 120 db dynamic range

* accurate values on request

¹⁾ V/m/s², ²⁾ μ m/s²

Station Code	Seismometer		Instrument Parameters			digital recording			Remarks provided by the operator of the station
	Type	C	Ts [s]	hs	G [V/m/s]	NB	LSB [nm/s]	SR [Hz]	
URA2	LE	Z,N,E	1.0	0.7	400	20	0.3	62.5	MARSlite event recording, 120 db dynamic range
VIEL	LE	Z	1.0	0.707	400	20	0.333	125	MARS88 event recording, 50 Hz anti-aliasing filter
WEIL	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	Kinematics K2-recording, 120 db dynamic range
WERD	LE	Z,N,E	5.0					62.5	MARSlite
WERN	LE	Z,N,E	5.0					100	SeisComp
WET	S2	Z,N,E	120.9	0.718	1500	24	1.667	80	continuous SeisComp PC recording, Quanterra Q680 digitizer
WRG	J2	Z	0.7	0.53				50	KC85, analog recording: magnification = 91000, 60 mm/min recording speed
WYH	ES	Z,N,E	0.005	0.7	0.25 ¹⁾	20	1.0 ²⁾	100	Kinematics K2-recording, 120 db dynamic range
XXX	MK	Z	0.945	0.625	149	24	17.077	125	continuous PC recording, SeiSan
	MK	N	0.970	0.622	175	24	14.540	125	
	MK	E	0.962	0.620	187	24	13.607	125	
ZEU	GU3	Z	1.0	0.3	1979	24	0.964	100	RefTek 07/08 continuous recording
	GU3	N	1.0	0.3	2003	24	0.952	100	
	GU3	E	1.0	0.3	1992	24	0.957	100	

* accurate values on request

¹⁾ V/m/s², ²⁾ μ m/s²