

Appendix A

TOR seismic stations

The table below give the following meta data for the TOR seismometers : code, sensor type, sensor s/n, digitizer type, digitizer s/n, location, lat., long., altitude, location error and origin of instrument. The station locations are seen in Fig. A.1.

Code	Sensor	s/n	Logger	s/n	Name	Lat.	Long.	Alt	err	origin
t8bg	3ESP	T3363	RefTek0752		Verchen	53.8506	12.9046	5	15	L
tabg	3ESP	T3363	RefTek7254		Gross_Tessin	53.6772	12.2285	50	15	GFZ/L
t0bg	STS2	99406	RefTek7240		Plattenburg	52.959	12.032	33	15	GFZ
t9bg	3ESP	T3127	RefTek7691		Dolchau	52.7234	11.4789	85	15	GFZ/L
t26g	MARK1329		RefTek0753		Plattenburg	52.9587	12.0309	33	15	GFZ/L
t27g	MARK1333		RefTek7687		Stubbenkammer	54.5717	13.6585	100	15	GFZ
t28g	MARK1340		RefTek7683		Augustenhof_Ruegen	54.4744	13.4694	28	15	GFZ
t29g	MARK1345a		RefTek7693		Garz	54.3145	13.3563	25	15	GFZ
t30g	MARK1336		RefTek7209		Reinkenhausen	54.192	13.177	28	15	GFZ
t31g	MARK1338		RefTek7256		Duevier	54.014	13.069	13	15	GFZ
t32g	MARK1337		RefTek7248		Verchen	53.8506	12.9046	5	15	GFZ
t33g	MARK1343		RefTek7246		Gielow	53.692	12.751	42	15	GFZ
t34g	MARK1334		RefTek7249		Waren	53.526	12.655	72	15	GFZ
t35g	MARK1353		RefTek7254		Fincken	53.356	12.441	71	15	GFZ
t36g	MARK1335		RefTek7253		Alt_Kruessow	53.1550	12.2590	80	15	GFZ
t37g	MARK1343a		RefTek7195		Wolterslage	52.8205	11.8462	22	15	GFZ
t38g	MARK1336a		RefTek7223		Kloster_Neudorf	52.526	11.459	52	15	GFZ
t39g	MARK1342a		RefTek7205		Satuelle	52.336	11.381	63	15	GFZ
t40g	MARK1344		RefTek7245		Emden	52.241	11.286	110	15	GFZ
t41g	MARK1337		RefTek7248		Ottleben	52.086	11.119	102	15	GFZ
t42g	MARK1354a		RefTek7251		Derenburg	51.8723	10.9115	160	15	GFZ
t43g	MARK1341a		RefTek7215		Trautenstein	51.688	10.789	450	15	GFZ
t1bg	3T	T3233	RefTek7198		Woeps	54.0778	10.4523	30	20	GFZ
t2bg	3T	T3227	RefTek7186		Boehnhusen	54.223	10.074	36	20	GFZ
t3bg	3T	T3230	RefTek7203		Hessenstein	54.328	10.547	100	20	GFZ
t4bg	3T	T3229	RefTek7239		Schneverdingen	53.135	9.800	80	20	GFZ
t5bg	3T	T3222	RefTek7208		Hesedorf	53.188	9.336	30	20	GFZ
t6bg	3T	T3226	RefTek7206		Sauensiek	53.380	9.595	50	20	GFZ
tbbg	STS2	99406	RefTek7207		Wieren	52.870	10.632	120	15	GFZ
t7bg	3T	T3228	RefTek7188		Duenne	52.259	8.557	188	15	GFZ
LEN	STS2	39323	Quant	41200	Lenzen	53.0910	11.4780	20	2	GFZ
HLG	STS2	?	Quant	?	Helgoland	54.1850	7.8840	10	2	GFZ
t10g	MARK1326		PDAS	360	Poehlde	51.610	10.316	250	15	BO

Code	Sensor	s/n	Logger	s/n	Name	Lat.	Long.	Alt	err	origin
t11g	MARK	1528	PDAS	366	Fuerstenberg	51.726	9.416	280	20	BO
t12g	MARK	1341	RefTek	7247	Ellierode	51.835	10.053	280	15	GFZ
t13g	MARK	1350	RefTek	7243	Hunzen	51.989	9.603	230	15	GFZ
t14g	MARK	1352	RefTek	7202	Gross.Doehren	51.999	10.426	223	15	GFZ
t15g	MARK	1527	PDAS	343	Bad_Salzdetrurth	52.062	10.015	185	15	BO
t16g	MARK	1347	RefTek	7187	Deister	52.237	9.522	305	15	GFZ
t17g	MARK	1345	RefTek	7211	Gross.Lafferde	52.219	10.238	78	15	GFZ
t18g	MARK	1332	RefTek	7252	Wilsche	52.523	10.465	55	15	GFZ
t19g	MARK	1351	RefTek	7235	Mariensee	52.547	9.484	35	15	GFZ
t21g	MARK	1339	RefTek	7204	Gilten	52.706	9.570	25	15	GFZ
t22g	MARK	1331	RefTek	7212	Miele	52.754	10.119	65	15	GFZ
t24g	MARK	1332a	RefTek	7690	Huenzingen	52.8994	9.5867	60	15	GFZ
t25g	MARK	1349	RefTek	7242	Oechtringen	53.071	10.340	70	15	GFZ
t44g	MARK	1330a	RefTek	7250	Hamwarde	53.466	10.432	80	20	GFZ
t45g	MARK	1339a	RefTek	7213	Junkernhof/Thomasbg	53.219	10.653	60	20	GFZ
t46g	MARK	1329a	RefTek	7214	Hanstedt/Entenhausen	53.262	9.984	110	20	GFZ
t47g	MARK	1337a	RefTek	7679	Ratzeburg	53.7042	10.7748	35	20	GFZ
t50g	MARK	1325	PDAS	342	Posteholz	52.102	9.190	270	20	BO
t51g	MARK	1529	PDAS	194	Halle/Westf	52.069	8.370	305	20	BO
t52g	MARK	1327	PDAS	83	Ahlen	51.768	7.820	80	20	BO
t53g	MARK	1344	RefTek	7682	Hoyersburg	52.8938	11.1417	18	15	GFZ
t54g	MARK	1344a	RefTek	7677	Alt_Meteln	53.7472	11.3435	65	20	GFZ
t55g	MARK	1346	RefTek	7678	Damshagen	53.9271	11.1526	55	20	GFZ
t60g	Mark	1008	RefTek	7684	Gross-Tessin	53.6772	12.2285	50	15	GFZ
t61g	Mark	1192	RefTek	7688	Blankenhagen	54.1700	12.3426	30	15	GFZ
t1mg	MARK	1330a	MARS88	238	Boehnhusen	54.2120	10.0709	36	20	GFZ
t2mg	MARK	x	MARS88	007	Ploen	54.1623	10.4589	35	20	ZH
t3mg	MARK	1340a	MARS88	235	Krusendorf	54.4465	10.0603	30	20	GFZ
t48g	MARK	1331a	RefTek	7686	Boostedt	54.0122	10.0122	60	20	GFZ
t4mg	MARK	1331a	MARS88	239	Boostedt	54.0123	10.0122	60	20	GFZ
t5mg	MARK	1338	MARS88	238	Lutzhorn	53.8327	9.7678	30	20	GFZ
t6mg	MARK	x	MARS88	003	Wallnau/Fehmarn	54.4874	11.0138	2	20	ZH
t7mg	MARK	1334a	MARS88	236	Sahrensdorf	54.4288	11.2289	15	20	GFZ
t8mg	MARK	1330	MARS88	235	Lensahn	54.2207	10.8850	30	20	GFZ
t1bd	3T	T3223	RefTek	7225	Uvelse	55.858	12.238	24	2	GFZ
t2bd	3T	T3232	RefTek	7185	Vogneserup	55.702	11.542	8	2	GFZ
t3bd	STS2	99414	RefTek	7238	Oersted	55.536	12.074	33	2	GFZ
t4bd	3T	T3231	RefTek	7266	Menstrup	55.219	11.591	20	2	GFZ
t5bd	STS2	99412	RefTek	7237	Brarup	54.886	11.810	12	2	GFZ
t6bd	3T	T3225	RefTek	7233	Horslunde	54.886	11.254	8	2	GFZ
t7bd	3T	T3224	RefTek	7234	Moensted	56.452	9.168	25	2	GFZ
BSD	STS2	?	Quanterra?		Bornholm	55.1080	14.9090	88	2	GFZ
t801	MARK1x		PSS	x	Tissoe	55.585	11.365	57	2	WARSAW
t802	MARK1x		PSS	x	Ringsted	55.399	11.805	45	2	WARSAW
t803	MARK1x		PSS	x	Store_Heddinge	55.327	12.282	19	2	WARSAW
t804	MARK1x		PSS	x	Faardrup	55.325	11.345	31	2	WARSAW
t805	MARK1x		PSS	x	Faksinge_By	55.114	11.991	15	2	WARSAW
t806	MARK1x		PSS	x	Horreby	54.810	12.036	11	2	WARSAW
t807	MARK1x		PSS	x	dannemare	54.759	11.229	1	2	WARSAW
t808	MARK1x		PSS	x	Oester_Ulslev	54.689	11.647	16	2	WARSAW
t809	MARK1x		PSS	x	Tryggelev	54.807	10.722	15	2	WARSAW
t810	MARK1x		PSS	x	Tranekaer	55.074	10.891	20	2	WARSAW
t811	MARK2x		PSS	x	Vestvolden	55.680	12.429	13	2	WARSAW
t812	MARK2x		PSS	x	Tikoeb	56.013	12.480	30	2	WARSAW
t813	MARK2x		PSS	x	Jaegerspris	55.800	11.943	34	2	WARSAW
t814	MARK2x		PSS	x	St_Merlse	55.579	11.711	38	2	WARSAW
t815	MARK2x		PSS	x	Moen	54.994	12.509	83	2	WARSAW
t816	MARK2x		PSS	x	Gedser	54.594	11.950	2	2	WARSAW
t817	MARK2x		PSS	x	Maribo	54.804	11.522	5	2	WARSAW
t818	MARK2x		PSS	x	Svendborg	55.013	10.589	11	2	WARSAW
t819	MARK2x		PSS	x	Fyn	55.195	10.770	35	2	WARSAW
t820	MARK2x		PSS	x	Bilsoe	55.452	11.234	11	2	WARSAW
t998	LEN1	B-279	Mars88	0-0323	Tikoeb	56.008	12.475	24	2	ZH
t999	LEN1	F-0385	Mars88	A-0355	Helsinge	56.068	12.234	19	2	ZH
t897	STS2	19127	Mars88	A-0336x		58.3803	12.5094	52	5	ZH

Code	Sensor	s/n	Logger	s/n	Name	Lat.	Long.	Alt	err	origin
t14s	40T	T4283	RefTek	7230	Roeshult	56.259	13.623	140	20	GFZ
t16s	STS2	99403	RefTek	7210	Vaextorp	56.427	13.227	80	20	GFZ
t18s	40T	T4285	RefTek	7224	Tanneryd	56.520	13.566	110	20	GFZ
t30s	STS2	99405	RefTek	7255	Torsborg	57.095	13.946	210	20	GFZ
t40s	40T	T4282	RefTek	7222	Skyttla	57.581	15.039	300	20	GFZ
t41s	40T	T4284	RefTek	7240	Holmen_Gard	57.837	15.165	300	20	GFZ
t42s	40T	T4281	RefTek	7228	Vitarp	57.761	14.664	300	20	GFZ
t60s	STS2	99415	RefTek	7224	Ribbestorp	58.758	15.943	200	20	GFZ
OLDS	STS2	?	Quanterra?		Oeland	56.6190	16.4990	5	2	GFZ
t031	LEN5	x	ORION	x	x	57.22483	13.65302	185	5	S
t034	MAR2	x	ORION	x	x	57.31224	14.36169	210	5	S
t035	LEN5	x	ORION	x	x	57.16461	14.78522	180	5	S
t036	LEN5	x	ORION	x	x	57.43411	13.94403	205	5	S
t037	LEN5	x	ORION	x	x	57.31717	15.00391	235	5	S
t038	LEN1	x	ORION	x	x	57.67207	13.97039	280	5	S
t039	LEN1	x	ORION	x	x	57.57237	14.36392	315	5	S
t043	LEN1	x	ORION	x	x	58.02666	14.72957	210	5	S
t044	LEN1	x	ORION	x	x	58.24983	14.90608	140	5	S
t052	LEN5	x	ORION	x	x	57.89305	15.67354	170	2	S
t053	MAR2	x	ORION	x	x	58.08051	15.43315	155	5	S
t054	LEN5	x	ORION	x	x	58.05389	15.92956	160	2	S
t056	LEN5	x	ORION	x	x	58.30057	16.19034	80	5	S
t057	MAR2	x	ORION	x	x	58.47403	15.99819	55	5	S
t058	MAR2	x	ORION	x	x	58.59723	15.57366	95	5	S
t059	LEN5	x	ORION	x	x	58.52719	16.57476	25	2	S
t061	LEN1	x	ORION	x	x	58.90789	15.63039	75	5	S
t065	LEN1	B-272	Mars88	A-0352x		55.3472	13.3613	8	5	ZH
t066	LEN1	B-276	Mars88	0-0330 x		55.5628	12.9472	12	5	ZH
t067	LEN1	F-0378	Mars88	A-0351x		55.5633	13.5655	115	5	ZH
t068	LEN1	B-267	Mars88	0-0321 x		55.7652	12.9229	4	5	ZH
t069	LEN1	B-275	Mars88	0-0328	Frillestad	56.0167	12.8398	56	5	ZH
t070	LEN1	F-0383	Mars88	A-0347x		56.0329	13.6097	118	5	ZH
t071	LEN1	B-270	Mars88	0-0322 x		56.2451	12.6511	18	15	ZH
t072	LEN1	B-273	Mars88	A-0345x		56.4699	13.8709	142	5	ZH
t073	LEN1	B-278	Mars88	0-0325 x		56.2185	13.2273	110	5	ZH
t074	LEN1	F-0388	Mars88	A-0344x		56.6755	13.9246	136	5	ZH
t075	LEN1	F-0377	Mars88	A-0360x		56.6991	14.5347	165	5	ZH
t076	LEN1	B-274	Mars88	0-0324 x		56.7272	13.1602	95	5	ZH
t077	LEN1	F-0384	Mars88	A-0349x		56.9564	14.3980	192	5	ZH
t898	LEN1	B-281	Mars88	A-0353x		57.0672	13.4847	163	5	ZH
t899	LEN1	F-0375	Mars88	A-0361x		55.7557	13.2351	61	5	ZH
BRNL	STS2	x	Quanterrax		Berlin-Lankwitz	52.4278	13.3580	42	5	GRSN
BUG	STS2	x	Quanterrax		Bochum-Univ	51.4440	7.2640	85	5	GRSN
CLZ	STS2	x	Quanterrax		Clausthal	51.8420	10.3750	680	5	GRSN
RGN	STS2	x	Quanterrax		Ruegen_Island	54.5480	13.3210	15	5	GRSN
BSEG	STS2	x	Quanterrax		Bad_Segeberg	53.9353	10.3169	40	5	GRSN
IBBN	STS2	x	Quanterrax		Ibbenbueren	52.3070	7.7570	140	5	GRSN
GOR1	MARKx		REFTEK	x	x	52.9903	11.3075	-278	2	CZ
PRU	SM-3	x	x	x	Pruhonic	49.988	14.542	302	5	CZ
KHC	STS2	x	Vistec	x	Kasperske_Hory	49.13095	13.5782	2700	5	CZ

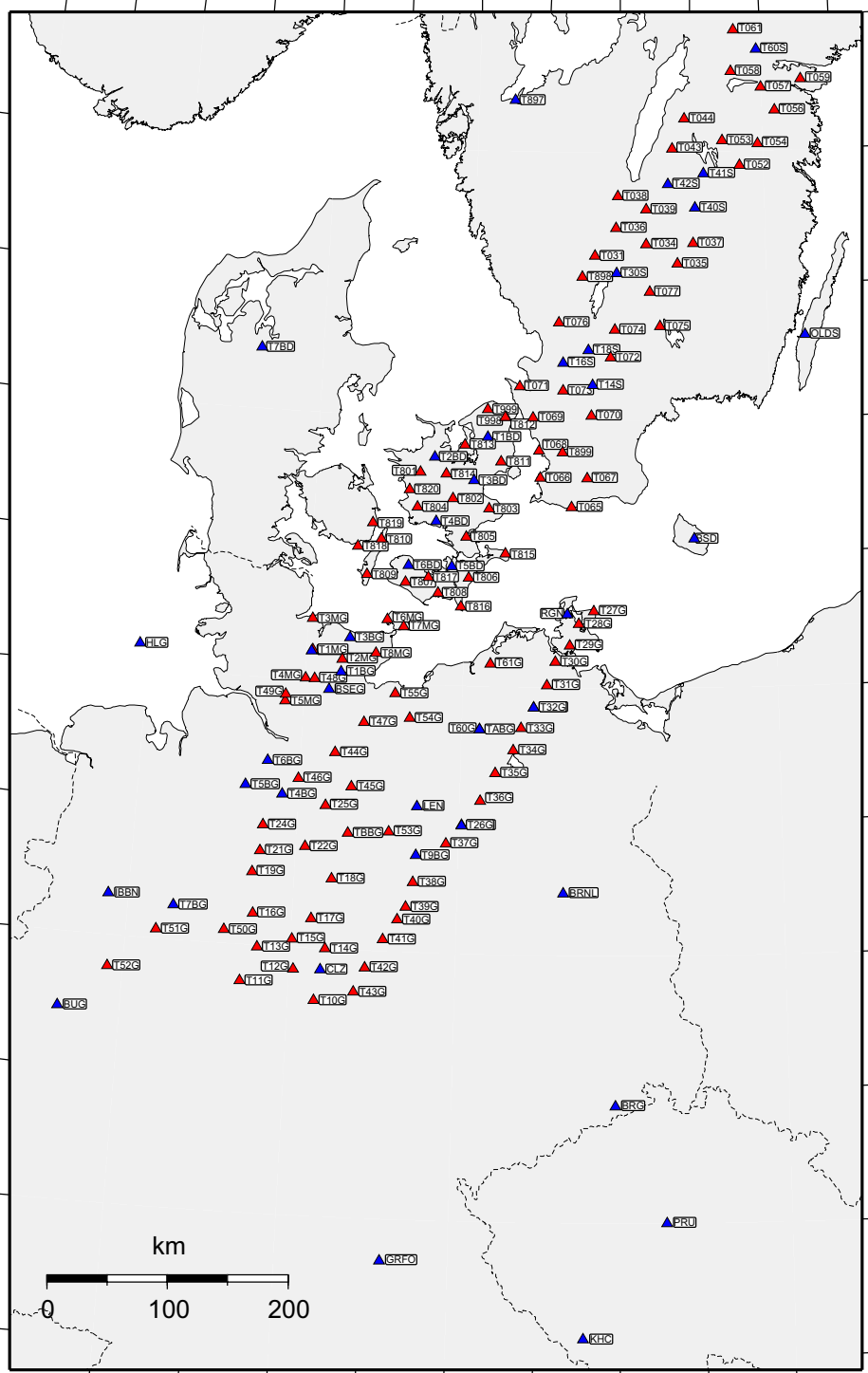


Figure A.1: Map of broadband (blue) and short period (red) seismic stations, with station code.