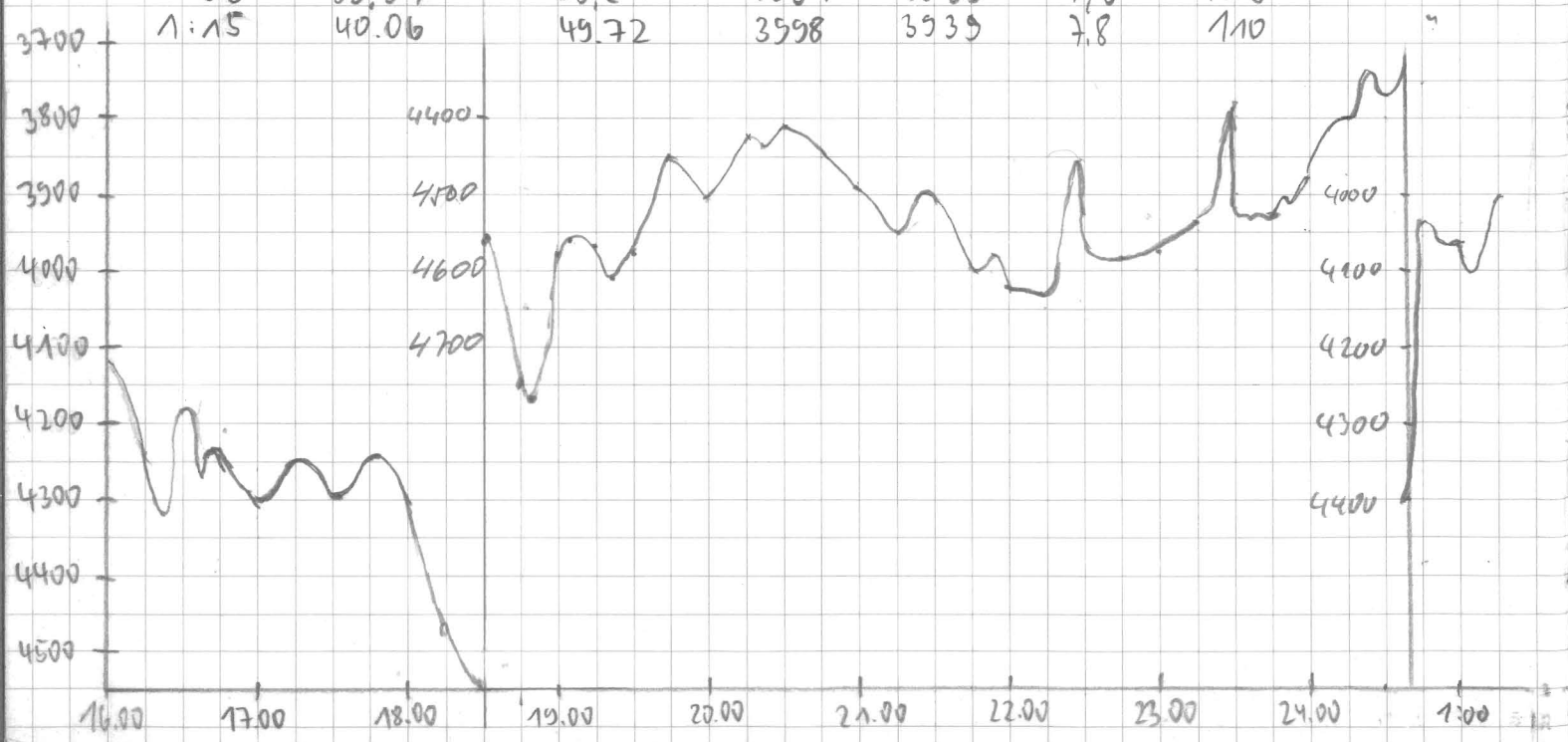
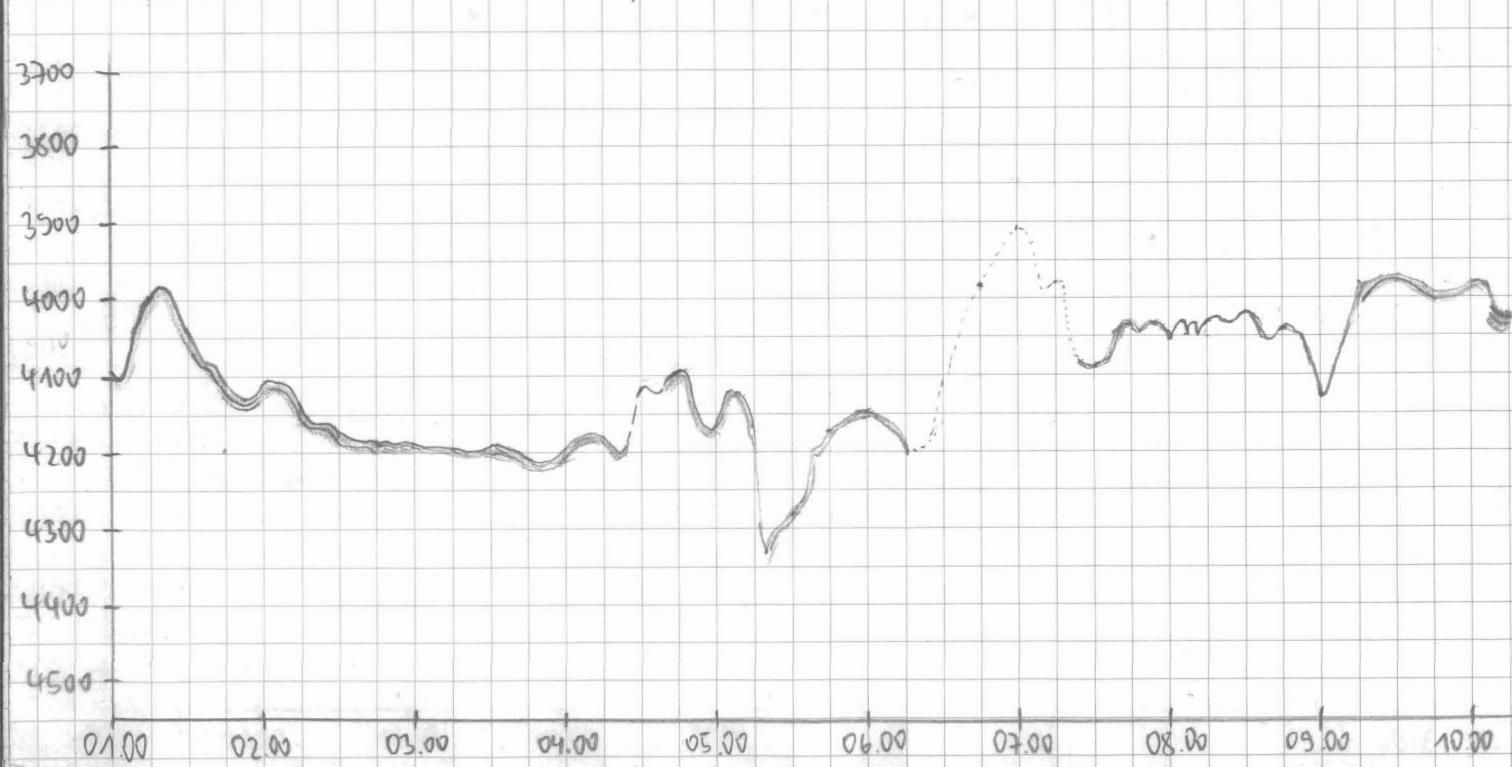


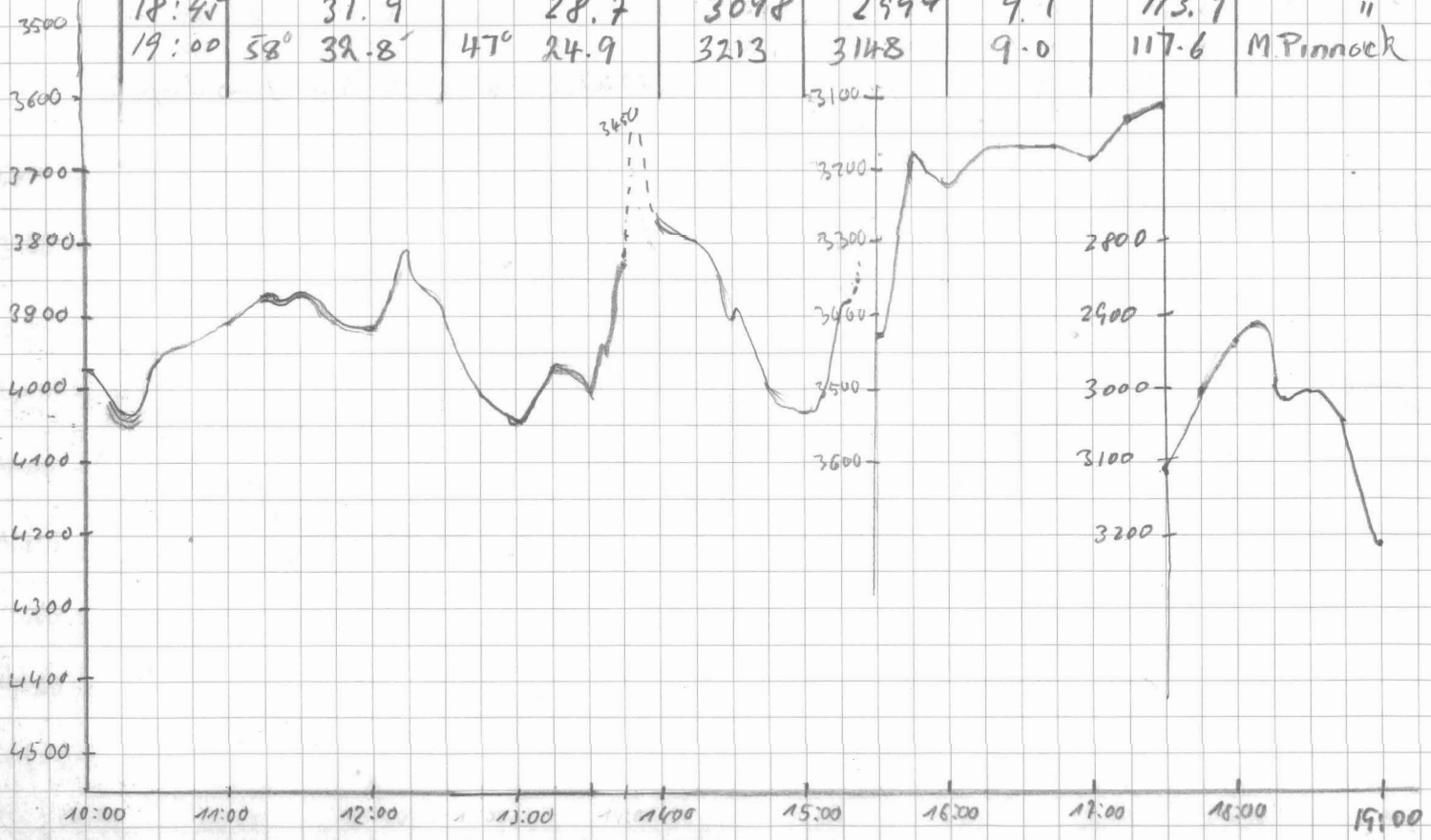
Datum	Zeit UTC	Latitude ϕ S	Longitude ϕ W	Tiefe PS	Tiefe HS	Speed km	Course $^{\circ}$	Wache	Frequ PS	Pulse	Rec. Length	Wait Time	Deso Rolle	Tape	Comment
07.01.97	16:00	57° 18,0'	54° 09,3'	4130	4066	10,2	105,1		4	2	266	0	1	1	
	16:15	57° 18,7'	54° 04,6'	4259	4196	8,8	107,2		"	"	"	"	"	"	
	16:33	57° 19,4'	54° 00,3'	4253	4185	8,3	104,5		"	"	"	"	"	"	
	16:45	57° 19,8	53° 57,4	4255	4190	8,3	105,5		"	"	"	"	"	"	
	17:00	57° 20,3	53° 53,8	4325	4259	8,0	106,6		"	"	"	"	"	"	
	17:15	57° 20,9	53° 49,8	4251	4190	8,3	104,1		"	"	"	"	"	"	
	17:30	57° 21,5	53° 46,3	4281	4225	8,3	103,8		"	"	"	"	"	"	
	17:45	57° 22,0	53° 42,6	4235	4185	8,3	103,2		"	"	"	"	"	"	
	18:00	57° 22,2	53° 38,9	4299	4249	8,5	109,6	R. WITBECK	"	"	"	"	"	"	
	18:15	23,4	34,7	4511	4466	8,5	108,5	Wohlenberg	"	"	"	"	"	"	
	18:30	23,9	31,8	4578	4528	8,1	107,3		"	"	"	"	"	"	
	18:45	24,6	28,0	4742	4682	8,6	107,3		"	"	"	"	"	"	
	19:00	25,2	24,2	—	4521	8,6	107,1		"	"	"	"	"	"	
	19:15	25,8	20,3	4598	4535	8,9	106,7		"	"	"	"	"	"	
	19:30	26,3	16,5	4566	4516	8,7	104,6		"	"	"	"	"	2	Band 2: 19:19:00 7.1.97
	19:45	57° 26,8	12,4	4404	4368	9,0	102,2		"	"	"	"	"	"	
	20:00	57° 27,4	53° 08,4	0	4150	8,7	106,4		"	"	"	"	"	"	
	20:15	57° 28,0	53° 04,5	4438	4366	9,0	106,7		"	"	"	"	"	"	
	20:30	57° 28,6	53° 00,6	4403	4330	9,2	108,4		"	"	"	"	"	"	
	20:45	57° 29,3	52° 56,1	4443	4378	9,0	105,9		"	"	"	"	"	"	
	21:00	57° 29,9	52° 52,6	4481	4422	8,9	104,1		"	"	"	"	"	"	
	21:15	57° 30,5	52° 48,7	4573	4515	8,9	109,3		"	"	"	"	"	"	
	21:30	57° 31,2	52° 44,6	4507	4460	8,9	106,8		"	"	"	"	"	"	
	21:45	57° 31,9	52° 40,6	4595	4565	8,9	105,5		"	"	"	"	"	"	
	22:00	57° 32,4	52° 36,7	4625	4592	8,9	106,6	St. Schumacher	"	"	"	"	"	"	
	22:15	33,07	32,83	4640	4603	8,5	107	G. Kuhn	"	"	"	"	"	"	Eindringtiefe < 10m
	22:31	33,74	28,65	4562	4527	8,4	107	"	"	"	"	"	"	"	
	22:45	34,28	25,32	4590	4518	8,1	107	"	"	"	"	"	"	"	
	23:01	34,93	21,32	4580	4487	8,4	104	"	"	"	"	"	"	"	
	23:15	35,38	17,81	4538	4440	8,3	104	"	"	"	"	"	"	"	
	23:30	35,87	14,29	0	4414	8,3	108	"	"	"	"	"	"	"	
	23:46	36,56	10,36	4525	4428	8,0	109	"	"	"	"	"	"	"	
08.01.97	0:00	37,10	7,11	4473	4389	8,2	107	"	"	"	"	"	"	"	
	0:15	37,69	3,64	4396	4304	7,8	107	"	"	"	"	"	"	"	
	0:31	38,30	51° 59,71	4372	4281	8,0	106	"	"	"	"	"	"	"	
	0:46	38,84	56,35	4086	4039	7,6	107	"	"	"	"	"	"	"	
	1:00	39,37	53,21	4094	4035	7,6	108	"	"	"	"	"	"	"	
	1:15	40,06	49,72	3998	3939	7,8	110	"	"	"	"	"	"	"	



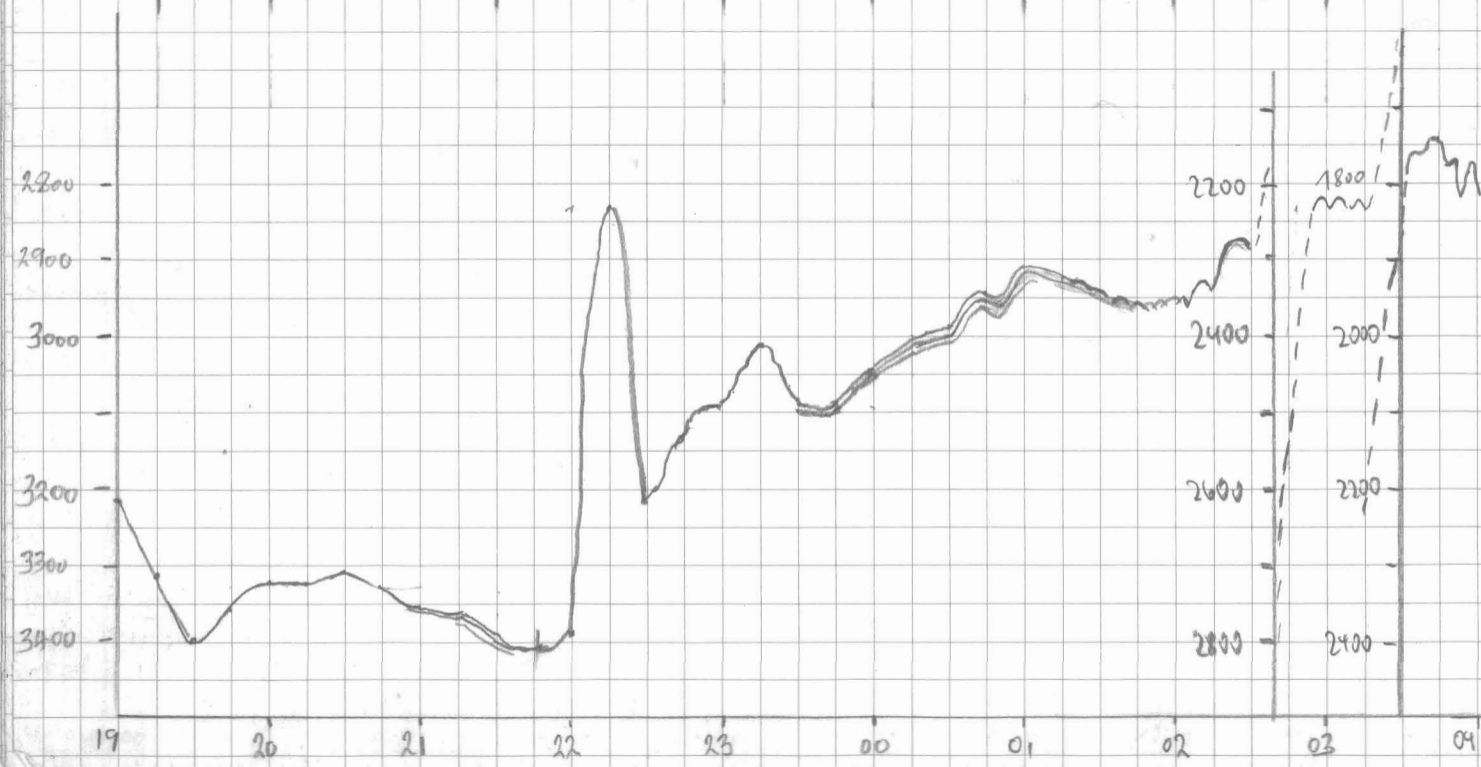
Datum	Zeit UTC	Latitude ϕ S	Longitude λ W	Tiefe PS	Tiefe HS	Speed Km	Course $^{\circ}$	Wache	Frequ. PS	Pulse	Rec length	Wait Time	Deso Rolle	Tape	Comment
08.01.97	01.30	57° 40,7	51° 46,4	4048	4004	7,7	108,4	Hillenbrand	4	2	266	0	1	2	
	01.45	" 41,3	" 43,0	4120	4066	8,2	106,0	"	"	"	"	"	"	"	
	02.00	" 41,8	" 39,5	4116	4064	7,8	104,8	"	"	"	"	"	"	"	
	02.15	" 42,4	" 36,1	4149	4103	7,6	105,7	"	"	"	"	"	"	"	
	02.30	" 42,9	" 32,7	4173	4116	7,5	105,5	"	"	"	"	"	"	"	
	02.45	" 43,5	" 29,3	4180	4114	7,4	108,8	"	"	"	"	"	"	"	02.48 h Wechsel Tape 2 \rightarrow Tape 3
	03.00	" 44,0	" 26,1	4186	4120	7,2	105,6	"	"	"	"	"	"	3	
	03.15	" 44,4	" 22,8	4198	4132	7,4	104,0	"	"	"	"	"	"	"	
	03.30	" 44,9	" 19,4	4197	4134	7,6	103,1	"	"	"	"	"	"	"	
	03.45	" 45,3	" 16,1	4204	4145	7,3	104,4	"	"	"	"	"	"	"	
	04.00	" 45,8	" 12,7	4193	4133	7,2	105,9	"	"	"	"	"	"	"	
	04.15	" 46,4	" 09,5	4177	4127	7,1	107,8	"	"	"	"	"	"	"	
	04.30	" 46,9	" 06,3	4113	4109	7,1	108,4	"	"	"	"	"	"	"	
	04.45	" 47,5	" 03,1	4091	4026	7,4	107,6	"	"	"	"	"	"	"	
	05.00	" 48,0	50° 59,7	4164	4100	7,3	106,3	"	"	"	"	"	"	"	
	05.15	" 48,6	" 56,4	4188	4135	7,5	106,6	"	"	"	"	"	"	"	
	05.30	" 49,2	" 52,3	4292	4229	9,2	106,7	Diekmann	"	"	"	"	"	"	
	05.45	" 49,9	" 48,2	4174	4184	9,7	107,8	"	"	"	"	"	"	"	
	06.00	" 50,6	" 43,6	4147	4082	7,9	107,1	"	"	"	"	"	"	"	
	06.15	" 51,1	" 40,5	-	4180	7,4	106,4	"	"	"	"	"	"	"	
	06.30	" 51,6	" 37,1	4109	4054	7,4	105,5	"	"	"	"	"	"	"	
	06.45	" 52,1	" 33,7	3993	3934	7,5	108,1	"	"	"	"	"	"	"	
	07.00	" 52,7	" 30,5	3911	3883	7,5	108,3	"	"	"	"	"	"	"	
	07.15	" 53,3	" 27,2	3981	3948	7,4	108,0	"	"	"	"	"	"	"	
	07.30	" 53,9	" 23,8	4095	4045	7,3	108,9	"	"	"	"	"	"	"	
	07.45	" 54,5	" 20,4	4032	3989	7,6	106,3	"	"	"	"	"	"	"	
	08.00	" 55,0	" 16,9	4056	4019	7,8	107,6	"	"	"	"	"	"	"	
	08.15	" 55,5	" 13,3	4031	3977	8,1	104,5	"	"	"	"	"	"	"	
	08.30	" 56,0	" 09,6	4018	3963	8,1	104,1	"	"	"	"	"	"	"	
	08.45	" 56,6	" 06,0	4047	3988	8,2	106,4	"	"	"	"	"	"	"	
	09.00	" 57,2	" 02,1	4128	4069	8,5	106,7	"	"	"	"	"	"	"	
	09.15	57° 57,8	49° 58,3	3972	3914	8,4	107,6	St. Schurmercher	"	"	"	"	"	"	
	09.30	57° 57,7	49° 54,7	3962	3902	8,6	115,0	"	"	"	"	"	"	"	
	09.45	57° 59,7	49° 51,0	3991	3930	9,0	116,8	"	"	"	"	"	"	"	
	10:00	58° 00,7	49° 47,3	3978	3915	9,2	118,0	"	"	"	"	"	"	"	
	10:15	58° 01,8	49° 43,6	4038	3973	9,3	118,0	"	"	"	"	"	"	"	10:21 Wechsel Tape 3 \rightarrow Tape 4



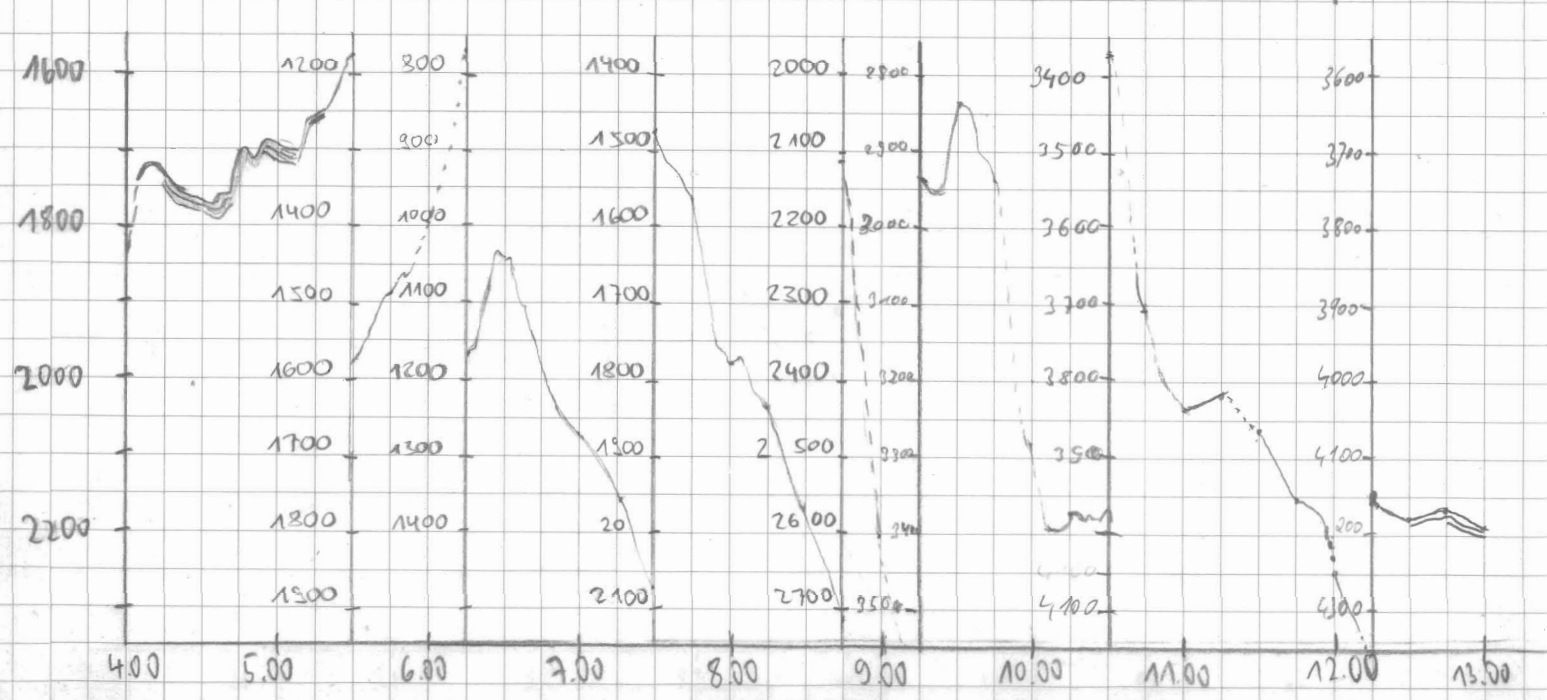
Datum	Zeit UTC	Latitude y S	Longitude x W	Tiefe PS	Tiefe MS	Speed km	Course	Wache	Frequ. PS	Pulse	Rec Length	Wout Time	Deso Rollo	Tape	Comment
08.01.97	10:30	58°02,8	49°39,8	3955	3897	9,2	118,7	St. Schumacher	4	2	266	0	1	4	
	10:45	58°04,0	49°36,0	3943	3882	9,3	120,0	"	"	"	"	"	"	"	
	11:00	58°05,1	49°32,1	3907	3845	8,8	118,1	"	"	"	"	"	"	"	
	11:15	58°06,1	49°28,3	3875	3817	9,5	117,2	"	"	"	"	"	"	"	
	11:30	58°07,1	49°24,5	3884	3828	9,1	118,8	"	"	"	"	"	"	"	
	11:45	58°08,1	49°20,5	3906	3849	9,4	113,3	"	"	"	"	"	"	"	
	12:00	58°09,1	49°16,5	3914	3856	8,9	115,7	"	"	"	"	"	"	"	
	12:15	58°10,0	49°12,5	3846	3768	9,0	113,0	"	"	"	"	"	"	"	
	12:30	58°11,0	49°08,7	3916	3842	9,0	113,2	"	"	"	"	"	"	"	
	12:45	58°11,7	49°04,7	4009	3944	8,9	110,6	"	"	"	"	"	"	"	
	13:00	58°12,4	49°00,8	4047	3983	8,9	109,6	"	"	"	"	"	"	"	
	13:15	58°13,1	48°56,9	3941	3950	8,8	108,5	R. USBECK	"	"	"	"	"	"	
	13:30	58°13,9	48°52,8	4012	3955	8,4	110,4	"	"	"	"	"	"	"	
	13:45	58°14,7	48°48,7	3834	3778	9,1	110,0	"	"	"	"	"	"	"	
	14:00	58°15,4	48°44,9	3770	3714	8,9	108,9	"	"	"	"	"	"	"	
	14:15	58°16,1	48°41,0	3794	3735	8,8	111,0	"	"	"	"	"	"	"	
	14:30	58°16,9	48°37,2	3881	3826	8,7	112,5	"	"	"	"	"	"	"	
	14:45	58°17,7	48°33,3	3985	3850	9,0	111,8	"	"	"	"	"	"	"	
	15:00	58°18,6	48°29,1	4078	4019	10,6	109,2	"	"	"	"	"	"	"	
	15:15	58°19,4	48°24,3	3881	3843	10,0	108,5	"	"	"	"	"	"	"	
	15:30	58°20,3	48°20,4	3431	3389	9,0	111,2	"	"	"	"	"	"	"	
	15:45	58°21,1	48°16,4	3168	3101	9,0	110,0	"	"	"	"	"	"	"	
	16:00	58°21,9	48°12,6	3188	3114	9,1	112,3	"	"	"	"	"	"	"	
	16:15	58°22,7	48°08,5	3233	3141	8,8	113,0	"	"	"	"	"	"	"	
	16:30	58°23,5	48°04,8	3171	3060	8,9	113,1	"	"	"	"	"	"	"	
	16:45	58°24,4	48°01,0	3172	3065	9,0	115,6	"	"	"	"	"	"	"	
	17:00	58°25,4	47°57,3	3191	3083	9,1	115,4	J. Wahlenberg	"	"	"	"	"	"	
	17:15	26,4	53,3	3136	3045	9,0	117,4	"	"	"	"	"	"	"	
	17:30	27,4	49,4	3099	3020	8,8	116,5	"	"	"	"	"	"	"	
	17:45	28,4	45,4	3000	2926	9,3	113,9	"	"	"	"	"	"	"	
	18:00	29,2	41,3	2942	2881	9,8	109,9	"	"	"	"	"	"	"	
	18:15	30,1	37,1	3000	2923	9,4	111,5	"	"	"	"	"	"	"	18:14:30 Ende Tape 4
	18:30	31,0	32,9	3007	2946	9,4	111,8	"	"	"	"	"	"	5	18:15:30 Anf. -" - 5
	18:45	31,9	28,7	3048	2994	9,1	113,9	"	"	"	"	"	"	"	
	19:00	58°32,8	47°24,9	3213	3148	9,0	117,6	M. Pinnock	"	"	"	"	"	"	



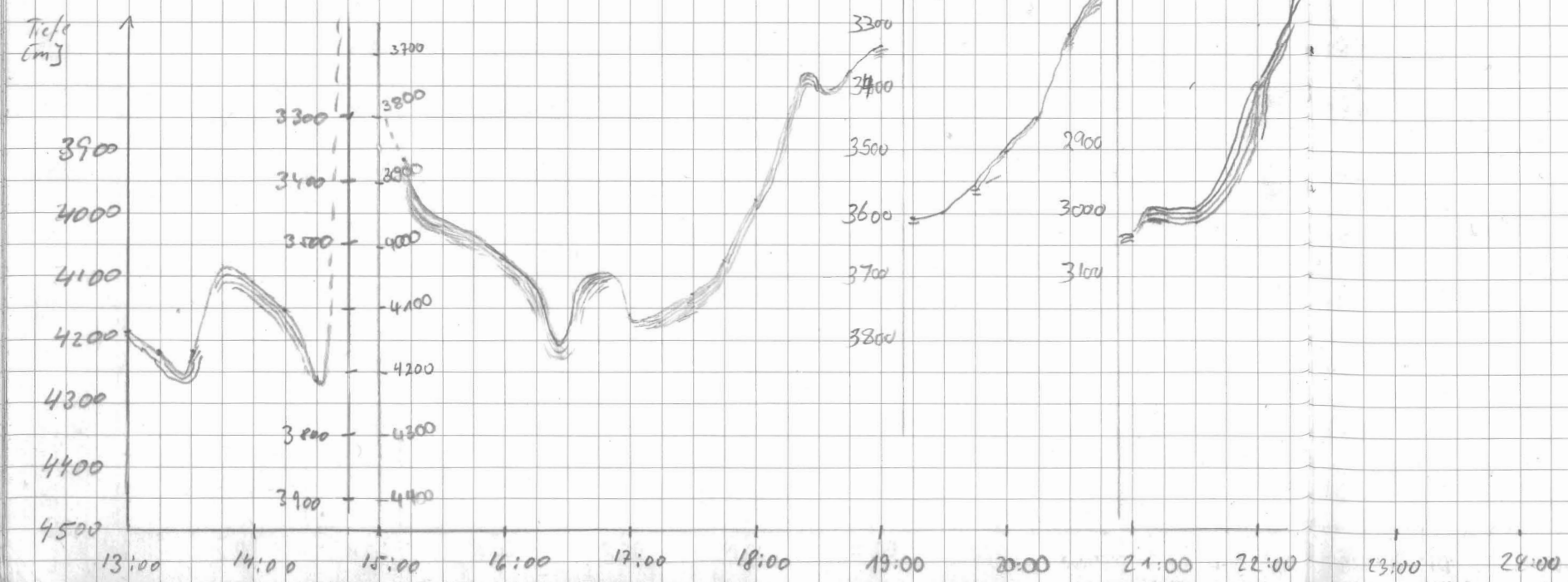
Datum	Zeit UTC	Breit S P	Länge W A	Tiefe PS	Tiefe HS	Geschw. Kn	Kurs °	Wache	Regn. PS	Pulse	Rec. Länge	Wait time	Deta rolle	Tape	Bemerkungen	
8.1.97	19:15	58° 33.9	47 21.2	3317	3274	8.7	120.2	M. Pirroch	4	2	266	0	1	5	1907 increased gain of 'DES025' CH1	
	19:30	58 34.8	47 17.6	3396	3324	8.7	116	"	"	"	"	"	"	"		
	19:45	35.7	13.9	3364	3283	8.5	110.9	"	"	"	"	"	"	"		
	20:00	36.5	10.0	3328	3249	8.5	110.9	"	"	"	"	"	"	"		
	20:15	37.2	6.2	3323	3259	8.5	110.2	"	"	"	"	"	"	"		
	20:30	37.9	47° 2.4	3309	3250	8.2	110.3	"	"	"	"	"	"	"		
	20:45	38.6	46° 58.5	3324	3264	8.5	107.1	"	"	"	"	"	"	"		
	21:00	58 39.2	54.7	3367	3304	8.3	106	"	"	"	"	"	"	"		
	15	39.72	50.9	3371	3309	8.4	104	G. Kuhn	"	"	"	"	"	"		Eindringtiefe ca. 10m
	30	40.23	47.1	3398	3333	8.2	107	"	"	"	"	"	"	"		keine Eindringtiefe
	45	40.8	43.3	3420	3354	8.3	106	"	"	"	"	"	"	"		"
	22:00	41.3	39.3	3390	3323	8.3	104	"	"	"	"	"	"	"		"
	15	41.9	35.6	2835	2787	8.2	111	"	"	"	"	"	"	"		"
	30	42.6	32.0	3223	3166	8.1	112	"	"	"	"	"	"	"		"
	45	43.4	28.4	3122	3076	8.1	114	"	"	"	"	"	"	"		"
	23:00	44.3	24.9	3087	3038	8.2	116	"	"	"	"	"	"	"		"
	15	45.1	21.4	3014	2978	7.7	118	"	"	"	"	"	"	"		"
	30	46.1	18.0	3081	3019	8.1	118	"	"	"	"	"	"	"		"
	45	47.0	14.5	3078	3016	8.5	116	"	"	"	"	"	"	"		Eindringtiefe 10-20m
	09.01.97	0:00	47.9	11.0	3054	2992	8.0	117	"	"	"	"	"	"		"
15		48.8	7.6	3007	2939	8.1	117	"	"	"	"	"	"	"	"	
30		49.9	8.1	2964	2900	8.1	114	"	"	"	"	"	"	"		
45		50.4	0.5	2946	2884	8.3	109	"	"	"	"	"	"	"	Eindringtiefe 20-30m	
1:00		51.1	45° 57.0	2905	2841	8.2	109	Hillenbrand	"	"	"	"	"	"	Eindringtiefe 10m	
1:15		51.8	53.2	2924	2866	8.1	110	"	"	"	"	"	"	"	01:00 bis 01:30 Wechsel Rolle 1	
1:30		52.5	49.6	2943	2883	8.0	110	"	"	"	"	"	2	"	→ Rolle 2	
1:45		53.1	46.0	2957	2892	8.0	111	"	"	"	"	"	"	"	harter Oberflächenspektroskop m. angelegtem Wellenmuster (1:40 bis 2:00)	
2:00		53.8	42.5	2952	2894	7.8	109.5	"	"	"	"	"	"	"	"	
2:15		54.5	38.9	2934	2881	7.9	113.6	"	"	"	"	"	"	"	"	
2:30		55.3	35.3	2892	2801	7.5	111.8	"	"	"	"	"	"	6	Wechsel Tape 5 → Tape 6	
2:45		56.1	31.8	2573	2452	8.1	111.8	"	"	"	"	"	"	"	"	
3:00		56.9	28.5	2232	2187	8.1	113.9	"	"	"	"	"	"	"	"	
3:15		57.7	24.9	2178	2138	7.8	114.9	"	"	"	"	"	"	"	"	
3:30		58.5	21.4	1883	1831	8.0	112.0	"	"	"	"	"	"	"	"	
3:45	59.2	17.8	1740	1690	8.0	109.4	"	"	"	"	"	"	"	"		
4:00	59.9	14.1	1820	1765	8.2	111.2	"	"	"	"	"	"	"	PS zeigt keine Tiefe mehr an, zeichnet aber kontinuierlich auf (Tiefendaten entnommen aus Mitschrieb)		



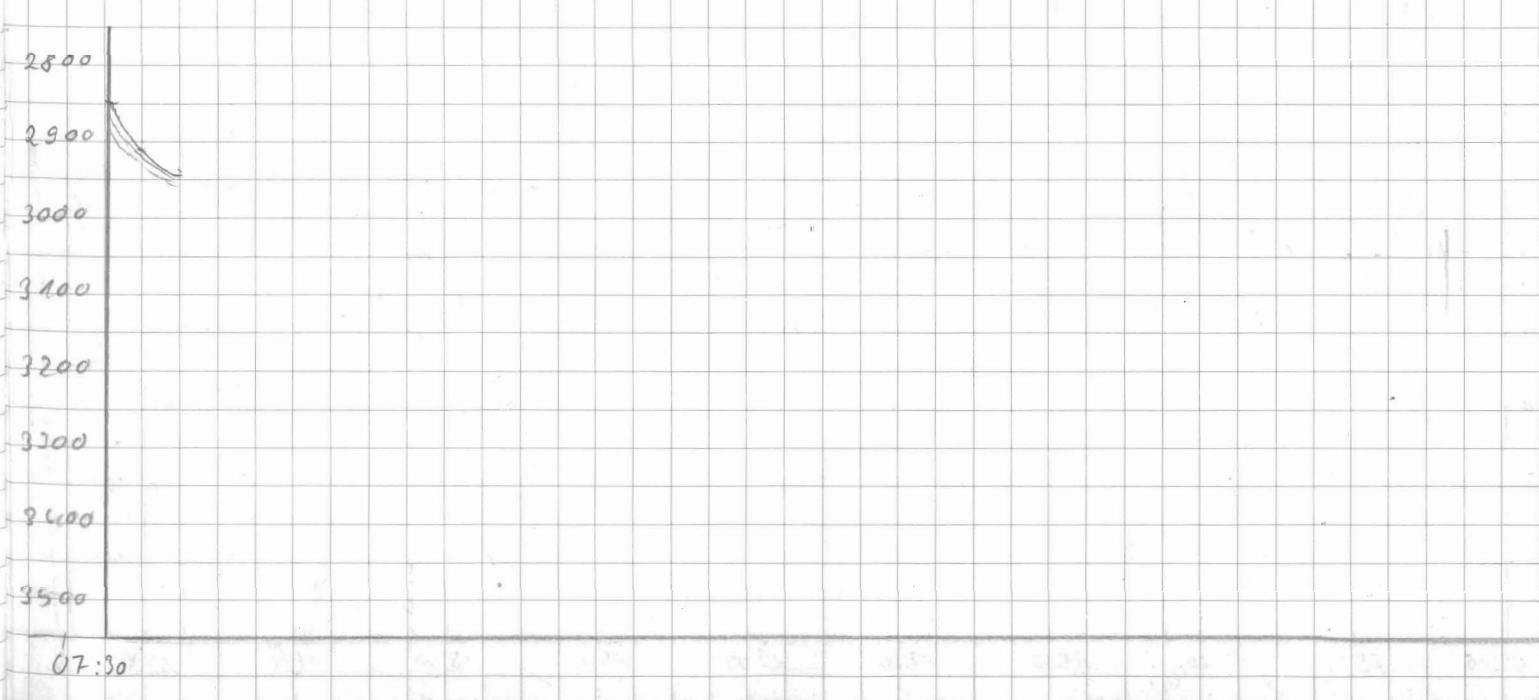
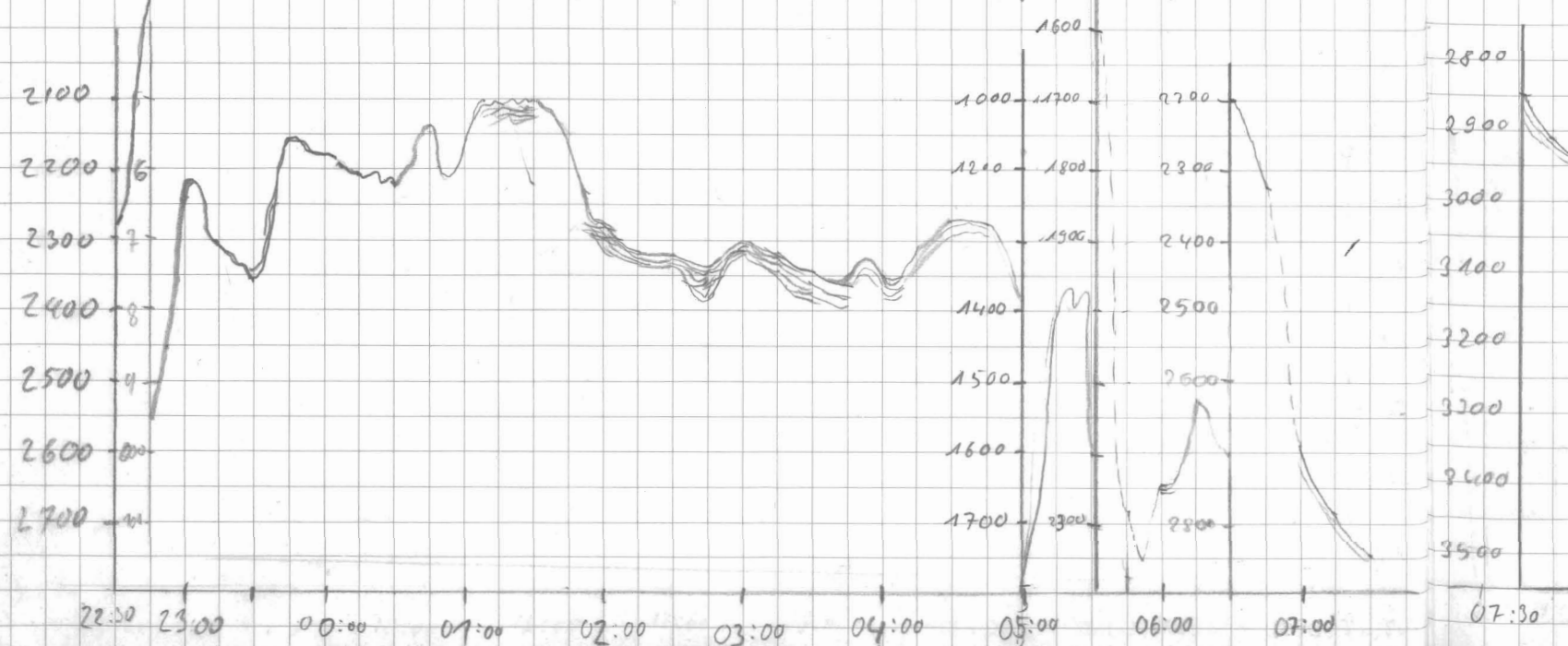
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. km	Kurs °	Wache	Frequ. PS	Pulse	Rec. Länge	Wait Time	Deso-Rolle	Tage Nr.	Bemerkungen
09.01.97	04.15	59° 00,7'	45° 10,4'	1730	1689	8,2	111,4	Hillenbrand	4	2	266	0	2	6	Eindringtiefe 20-30 m
	04.30	01,4	06,7	1770	1727	8,1	112,0	"	"	"	"	"	"	"	
	04.45	02,1	03,0	1700	1667	8,3	111,6	"	"	"	"	"	"	"	
	05.00	02,9	44° 59,3	1700	1658	8,3	112,4	"	"	"	"	"	"	"	
	05.15	03,7	55,6	1660	1628	8,2	113,9	Diekmann	"	"	"	"	"	"	
	05.30	04,5	51,9	1575	1537	8,2	110,2	"	"	"	"	"	"	"	Eindringtiefe < 10m
	05.45	05,1	48,2	1485	1454	8,0	110,2	"	"	"	"	"	"	"	
	06.00	05,8	44,6	1400	1389	8,1	110,8	"	"	"	"	"	"	"	
	06.15	06,6	41,0	1170	1149	8,1	108,1	"	"	"	"	"	"	"	
	06.30	07,4	37,5	1040	1115	7,9	113,9	"	"	"	"	"	"	"	
	06.45	08,2	34,0	1135	1163	7,9	116,2	"	"	"	"	"	"	"	
	07.00	09,1	30,4	1270	1235	7,8	114,3	"	"	"	"	"	"	"	
	07.15	10,0	26,9	1360	1355	8,0	110,4	"	"	"	"	"	"	"	
	07.30	10,5	23,4	1475	1432	7,5	107,7	"	"	"	"	"	"	"	
	07.45	11,1	19,9	1570	1536	7,8	110,4	"	"	"	"	"	"	"	
	08.00	11,7	16,4	1790	1731	7,7	108,0	"	"	"	"	"	"	"	
	08.15	12,4	12,8	1840	1787	7,7	109,6	"	"	"	"	"	"	"	
	08.30	13,0	09,2	1980	1903	7,9	110,0	"	"	"	"	"	"	"	
	08.45	13,6	05,6	2110	2057	8,1	113,3	"	"	"	"	"	"	"	Parasoundfunktionen wieder on. line
	09.00	14,4	01,8	2599	2535	8,4	115,2	"	"	"	"	"	"	"	
	09.15	59° 15,2	43° 58,0	2945	2870	8,5	116,9	St. Schumacher	"	"	"	"	"	"	
	09.30	59° 16,7	43° 54,4	2864	2799	8,3	114,6	"	"	"	"	"	"	"	
	09.45	59° 16,9	43° 50,7	2943	2872	8,7	112,9	"	"	"	"	"	"	"	
	10.00	59° 17,7	43° 46,9	3279	3213	8,7	112,2	"	"	"	"	"	"	"	
	10.15	59° 18,4	43° 43,0	3374	3333	8,4	111,4	"	"	"	"	"	"	"	
	10.30	59° 19,2	43° 39,3	3376	3323	8,2	113,1	"	"	"	"	"	"	"	
	10.45	59° 20,0	43° 35,4	3714	3647	8,6	110,4	"	"	"	"	"	"	"	
	11.00	59° 20,7	43° 31,7	3835	3770	8,7	111,0	"	"	"	"	"	"	"	
	11.15	59° 21,4	43° 28,0	3820	3753	8,4	114,0	Przybilla	"	"	"	"	"	"	Starke verrauschte Signale
	11.30	59° 22,2	43° 24,5	3864	3803	8,1	116,1	"	"	"	"	"	"	"	
	11.45	59° 23,0	43° 21,2	3954	3895	7,9	112,8	"	"	"	"	"	"	"	
	12.00	59° 23,7	43° 17,3	4049	3985	8,0	109,2	"	"	"	"	"	"	"	
	12.15	59° 24,5	43° 13,5	4156	4090	7,9	109,7	"	"	"	"	"	"	"	
	12.30	59° 25,1	43° 10,0	4175	4100	8,1	113,0	"	"	"	"	"	"	"	Eindringtiefe ≈ 20m
	12.45	59° 25,9	43° 06,5	4169	4089	7,8	111,0	"	"	"	"	"	"	"	
	13.00	59° 26,7	43° 02,8	4190	4095	7,7	114,9	"	"	"	"	"	"	"	Eindringtiefe ≈ 30m System reboot Ende Band 6 13:02



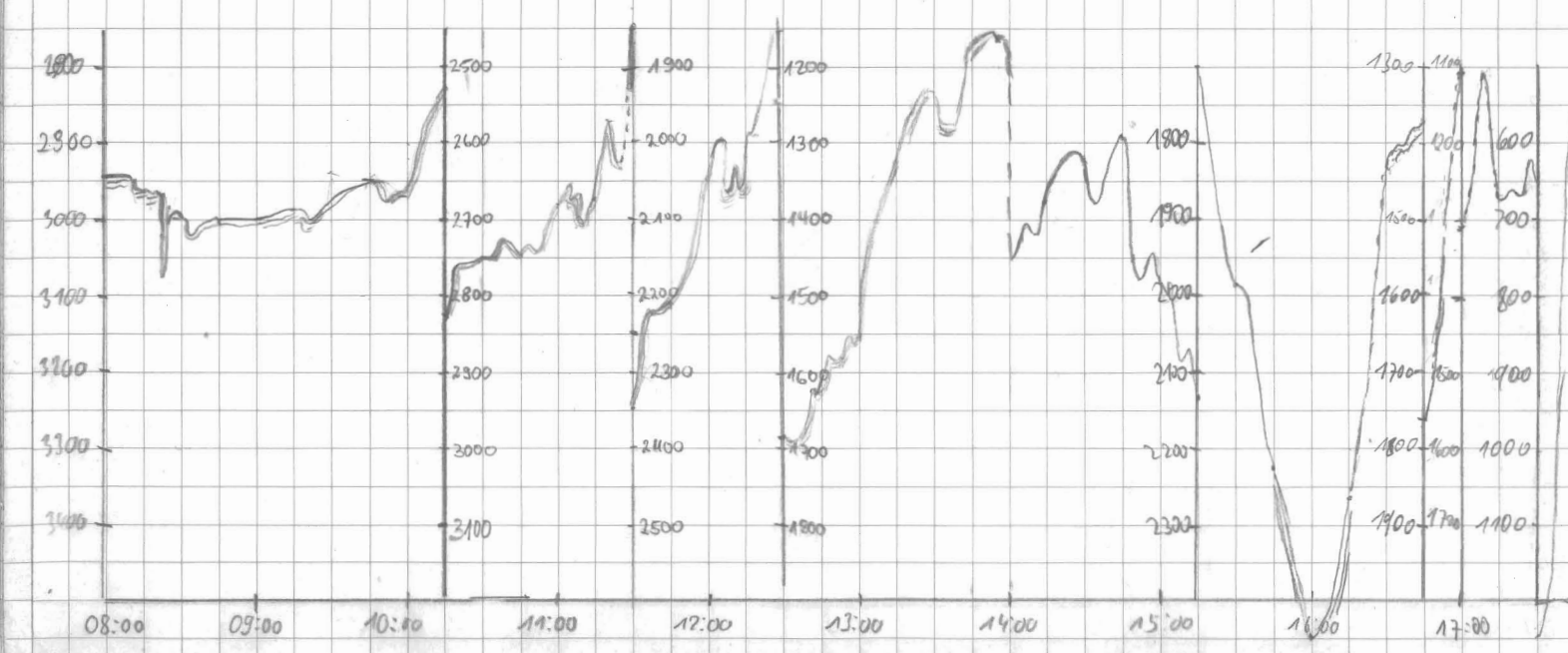
Datum	Zeit UTC	Breite ϕ	Länge λ	Tiefe PS [m]	Tiefe HS [m]	Geschw. [kn]	Kurs [°]	Wache	Frequ. PS [kHz]	Pulse	Rec. Länge	Wait Time	Deso-Rolle	Tape-Nr	Bemerkung
9.1.97	13:15	59° 27.5	42° 59.2	4227	4139	8.3	113.6	Wohlenberg	4	2	266	0	2	7	Ende Band 6 13:02
	13:30	28.2	55.6	4215	4131	7.8	113.6	"	"	"	"	"	"	"	Anf. " 7 13:04
	13:45	29.0	52.0	4088	4007	8.1	113.0	"	"	"	"	"	"	"	
	14:00	29.7	48.4	4109	4034	8.0	111.3	"	"	"	"	"	"	"	
	14:15	30.1	44.6	4157	4075	8.1	112.4	"	"	"	"	"	"	"	
	14:30	31.3	40.9	4261	4188	8.3	113.8	"	"	"	"	"	"	"	Ab ca 14:31 keine Reflexe
	14:45	32.1	37.0	-	3347	8.3	111.8	"	"	"	"	"	"	"	"
	15:00	32.7	33.2	-	3080	8.3	111.0	"	"	"	"	"	"	"	"
	15:15	33.4	29.3	-	3786	7.4	107.8	Gierlichs	"	"	"	"	"	"	Ab ca 15:20 wieder Reflexe
	15:30	34.0	26.2	3862	3905	3.9	111.2	"	"	"	"	"	"	"	Eindringtiefe ca. 50m
	15:45	34.6	23.4	3989	3929	6.8	111.0	"	"	"	"	"	"	"	Eindringtiefe ca. 25m
	16:00	35.2	20.2	4028	3970	7.0	108.5	"	"	"	"	"	"	"	ab ca 16:20 starkes Rauschen
	16:15	35.8	17.0	4074	4010	7.0	112.4	"	"	"	"	"	"	"	immer noch Rauschen
	16:30	36.5	13.8	4122	4053	7.0	114.7	"	"	"	"	"	"	"	Eindringtiefe ca. 40m
	16:45	37.2	11.3	4045	3975	4.4	116.1	"	"	"	"	"	"	"	ab 16:56 ca. kaum noch Signale
	17:00	37.8	8.0	4118	4038	7.8	110.4	"	"	"	"	"	"	"	starkes Rauschen, Eindringtiefe ca. 40m
	17:15	38.6	4.2	4112	4036	7.9	113.2	K. Riedel	"	"	"	"	"	"	Eindringtiefe bis ca. 50m, Struktur
	17:30	39.3	0.6	4076	4001	7.8	112.3	"	"	"	"	"	"	"	Fenster verschl. weiterhin Struktur, ca. 30m
	17:45	40.0	41° 56.9	4013	3939	8.0	111.6	"	"	"	"	"	"	"	schwache Signale ab 17:51
	18:00	40.8	53.4	3807	3834	8.2	112.2	"	"	"	"	"	"	"	Rauschen
	18:15	41.5	49.6	3795	3717	8.2	111.2	"	"	"	"	"	"	"	schwache diffuse Reflexe ab 18:17
	18:30	42.2	45.8	3755	3686	8.4	111.0	"	"	"	"	"	"	"	Rauschen
	18:45	43.0	42.1	3722	3659	8.1	112.5	"	"	"	"	"	"	"	"
	19:00	43.8	38.4	3679	3604	7.9	111.7	"	"	"	"	"	"	"	"
	19:15	44.48	34.6	3610	3544	8.1	110.9	M. Pinnock	"	"	"	"	"	"	"
	19:30	45.2	30.9	3597	3523	7.9	112.9	"	"	"	"	"	"	"	"
	19:45	45.9	27.4	3566	3491	8.0	111.0	"	"	"	"	"	"	"	Parasound sendet nur mit 1/2 Energie 1 Sandeschicht ausgefüllt
	20:00	59° 46.7	41° 23.7	3504	3438	7.8	114.3	"	"	"	"	"	"	"	
	20:15	47.4	20.1	3448	3372	7.8	111.2	"	"	"	"	"	"	"	
	20:30	48.1	16.4	3317	3244	7.7	111.3	"	"	"	"	"	"	"	Bnet switch off for maintenance
	20:45	48.8	13.1	3253	3185	7.8	114.2	"	"	"	"	"	"	"	in 50m sediment layer edoes
	20:53	51°	9.5	-	-	-	-	"	"	"	"	"	"	"	Tape 7 finished
	20:56	59	41	3039	2967	7.8	110.7	"	"	"	"	"	"	"	Tape 8 started
	21:00	49.5	9.5	3039	2967	7.8	110.7	"	"	"	"	"	"	"	21:10 Kemposition > 40m E
	21:15	50.3	5.9	2964	2953	8.0	112	Karben	"	"	"	"	"	"	> 60m Eindringtiefe
	21:30	51.1	2.4	2964	2942	7.9	114	"	"	"	"	"	"	"	
	22:00	52.8	40° 54.1	2789	2750	8.1	113	"	"	"	"	"	"	"	Parasound repaired
	22:15	53.4	51.2	2577	2514	8.0	113	"	"	"	"	"	"	"	



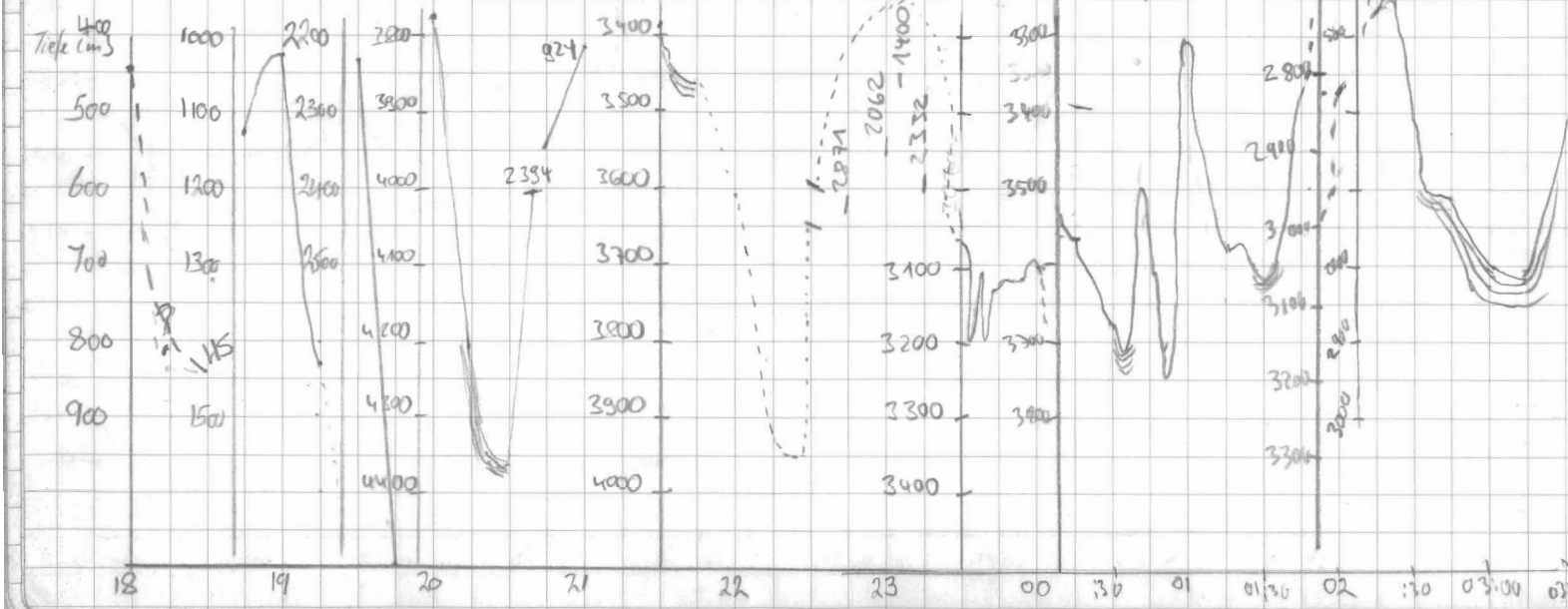
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS [m]	Tiefe HS [m]	Geschw. [km]	Kurs [°]	Wache	Teganz PS	Paul PS	Rec. Länge [m]	Zeit [min]	Duo Rolle	Tape Nr.	Bemerkungen
9.1.97	22:30	59°54,2	40°47,6	0	2248	7,8	115	Kuhn	4	2	266	0	2	8	
	22:45	55,0	44,1	-	1942	7,9	113	"	"	"	"	"	"	"	
	23:00	55,7	40,4	1557	1680	8,1	111	"	"	"	"	"	"	"	
	23:15	56,4	36,7	1526	1794	8,1	111	"	"	"	"	"	"	"	
	23:30	57,1	32,9	-	1767	7,8	109	"	"	"	"	"	"	"	
10.1.97	0:45	57,8	29,1	-	1551	8,1	109	"	"	"	"	"	"	"	
	0:15	59,2	21,6	-	1616	8,2	109	"	"	"	"	"	"	"	
	0:30	60°00,0	17,7	-	1612	8,6	112	"	"	"	"	"	"	"	Mega Rippeln?
	0:45	00,7	13,9	-	1497	8,1	110	"	"	"	"	"	"	"	
	1:00	1,4	10,1	-	1505	8,2	111	"	"	"	"	"	"	"	
	1:15	2,2	06,3	1421	1498	8,1	111	Usbeck	"	"	"	"	"	"	
	1:30	3,0	02,6	-	1480	8,0	113,5	"	"	"	"	"	"	"	Eindringtiefe > 20m
	1:45	3,8	39°58,9	-	1594	8,2	114,9	"	"	"	"	"	"	"	
	2:00	4,5	55,2	-	1643	8,0	111,0	"	"	"	"	"	"	"	- " - 20-30m
	2:15	5,3	51,3	-	1663	8,2	112,2	"	"	"	"	"	"	"	
	2:30	6,0	47,7	-	1679	8,1	110,3	"	"	"	"	"	"	"	
	2:45	6,8	43,9	-	1693	8,2	112,7	"	"	"	"	"	"	"	~ 30m
	3:00	7,6	40,3	-	1642	8,1	110,0	"	"	"	"	"	"	"	
	3:15	8,3	36,6	-	1670	8,0	114,0	"	"	"	"	"	"	"	
	3:30	9,0	32,8	-	1718	8,2	110,5	"	"	"	"	"	"	"	ca. 60m
	3:45	9,7	28,9	-	1718	8,0	111,2	"	"	"	"	"	"	"	
	4:00	10,4	25,2	-	1683	8,1	113,9	"	"	"	"	"	"	"	
	4:15	11,3	21,2	-	1637	8,3	113,3	"	"	"	"	"	"	"	
	4:30	12,0	17,5	-	1622	8,2	113,7	"	"	"	"	"	"	"	
	4:45	60°12,8	39°13,8	-	1622	8,0	110,2	St. Schumacher	"	"	"	"	"	"	Eindringtiefe geringer, ca. 10m
	5:00	60°13,5	39°10,0	-	1729	8,2	113,3	"	"	"	"	"	"	"	
	5:15	60°14,2	39°06,3	-	1358	7,8	112,3	"	"	"	"	"	"	"	
	5:30	60°15,1	39°02,5	-	1486	8,4	110,9	"	"	"	"	"	"	"	
5:45	60°15,8	38°58,8	2288	2229	8,1	109,9	"	"	"	"	"	"	"	Tiefe PS wieder online	
6:00	60°16,5	38°54,9	2248	2178	8,1	109,9	"	"	"	"	"	"	"	Z.T. wieder - Eindringtiefe ca. 10-20m	
6:15	60°17,2	38°51,2	2127	2064	8,1	111,6	"	"	"	"	"	"	"	Eindringtiefe gering	
6:30	60°17,9	38°47,5	2205	2142	8,1	113,3	"	"	"	"	"	"	"	Eindringtiefe ca. 10m	
6:45	60°18,6	38°43,8	2423	2391	7,8	111,4	"	"	"	"	"	"	"		
7:00	60°19,4	38°40,2	2696	2633	8,1	112,8	"	"	"	"	"	"	"	Eindringtiefe ca. 10m	
7:15	60°20,2	38°36,5	2781	2718	8,0	113,5	"	"	"	"	"	"	"		
7:30	60°20,9	38°33,0	2851	2788	7,7	113,1	"	"	"	"	"	"	"	7:30 Wechsel Band 8 -> Band 9	
7:45	60°21,7	38°29,4	2913	2843	7,6	112,6	"	"	"	"	"	"	"	Eindringtiefe wieder durch bis 20m	
8:00	60°22,4	38°25,8	2940	2873	7,6	109,1	"	"	"	"	"	"	"		



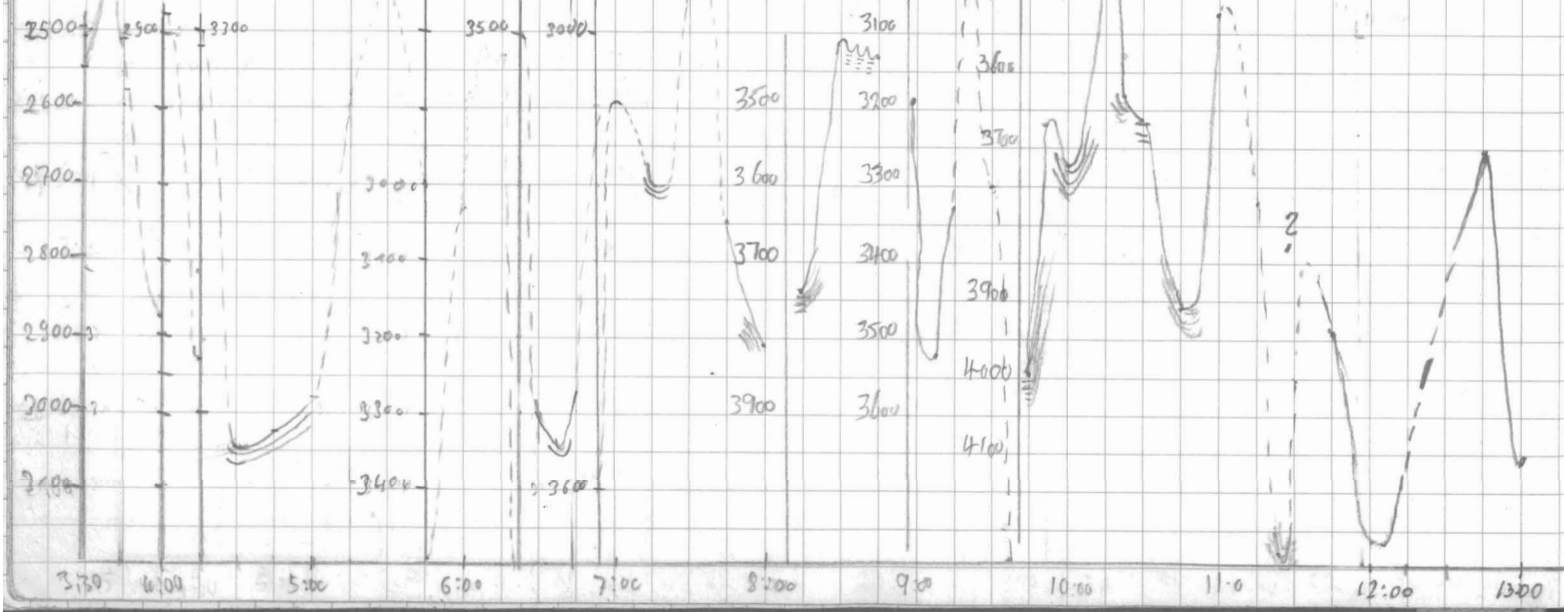
Datum	Zeit UTC	Latitude φ	Longitude λ	Tiefe PS	Tiefe MS	Speed km	Course $^\circ$	Wache	Frequ. PS	Pulse	Rec Length	Wait Time	Deso Rolle	Teupe	Comme + / Bemerkungen
10.1.97	8:15	60° 25,0	37° 22,1	1973,3	1900,0	7,6	107,6	Rhelberg	4	2	266	0	2	9	
10.1.97	8:30	60° 25,7	37° 18,7	3008,7	1935,0	7,5	108,8	"	"	"	"	"	"	"	
10.1.97	8:45	60° 24,2	37° 15,2	3013,3	1946,0	7,7	108,2	"	"	"	"	"	"	"	
10.1.97	9:00	60° 24,8	37° 11,7	3003,0	1930,0	7,3	109,7	"	"	"	"	"	"	"	
10.1.97	9:15	60° 15,5	37° 8,3	2984,2	1914,0	7,1	110,9	"	"	"	"	"	"	"	
10.1.97	9:30	60° 16,2	37° 5,0	2978,0	1906,0	7,3	111,8	"	"	"	"	"	"	"	
10.1.97	9:45	60° 16,9	37° 7,6	2951,5	1882,0	7,2	113,3	"	"	"	"	"	"	"	
"	10:00	60° 27,7	37° 58,5	2939	2897	6,7	117,0	Riedel, K.	"	"	"	"	"	"	
"	10:15	28,4	55,3	2817	2754	7,0	114,6	"	"	"	"	"	"	"	
"	10:30	29,2	52,2	2748	2681	7,0	114,7	"	"	"	"	"	"	"	
"	10:45	29,8	49,0	2752	2687	7,0	110,7	"	"	"	"	"	"	"	
"	11:00	30,4	45,8	2681	2626	6,5	107,4	"	"	"	"	"	"	"	
"	11:15	30,9	42,5	2697	2635	7,1	109,2	"	"	"	"	"	"	"	
"	11:30	31,6	39,2	2456	2402	6,4	114,6	"	"	"	"	"	"	"	
"	11:45	32,2	36,1	2214	2180	6,6	111,9	"	"	"	"	"	"	"	
"	12:00	32,7	33,2	2044	2000	7,1	112,4	"	"	"	"	"	"	"	
"	12:15	33,4	29,9	-	1994,0	6,7	115,3	Gierlich	"	"	"	"	"	"	
"	12:30	34,0	26,7	-	1691	7,1	111,7	"	"	"	"	"	"	"	Wasserhöhe < 2000m (ganz knapp)
"	12:45	34,7	23,4	-	1591	6,8	111,1	"	"	"	"	"	"	"	ab 12:10 ca. keine PS-Tiefe Zeitfenster teilweise gar keine
"	13:00	35,3	20,5	-	1560	6,6	111,5	"	"	"	"	"	"	"	Wasserhöhe < 2000m => keine PS-Tiefe (Einleitung tiefe gering!)
"	13:15	35,9	17,3	-	1339	7,1	111,9	"	"	"	"	"	"	"	
"	13:30	36,5	14,2	-	1230	7,2	114,7	"	"	"	"	"	"	"	
"	13:45	37,1	11,1	-	1172	6,2	112,1	"	"	"	"	"	"	"	
"	14:00	37,7	08,0	-	1199	6,5	109,2	"	"	"	"	"	"	"	
"	14:15	38,3	04,6	-	1377	4,3	106,7	Hillenbrand	"	"	"	"	"	"	
"	14:30	38,7	02,8	-	1334	4,7	123,0	"	"	"	"	"	"	"	
"	14:45	39,3	00,0	-	1286	6,6	114,5	"	"	"	"	"	"	"	
"	15:00	39,9	36° 56,9	1470	1444	6,3	111,5	"	"	"	"	"	"	"	14:49 h: Neustart PARASOUND -> PARASOUND-Tiefe o.k., aber Mitschrieb qualitativ schlechter
"	15:15	40,5	53,9	1633	1552	6,3	109,4	"	"	"	"	"	"	"	
"	15:30	41,0	51,0	1988	1948	6,6	110,2	"	"	"	"	"	"	"	
"	15:45	41,6	47,8	2224	2206	6,2	113,6	"	"	"	"	"	"	"	
"	16:00	42,3	45,0	2457	2392	6,5	115,4	"	"	"	"	"	"	"	
"	16:15	60° 42,9	36° 41,9	2267	2230	6,7	111,9	Pygalla	"	"	"	"	"	"	Einleitung tiefe > 30m
"	16:30	60° 43,5	36° 38,9	-	1830	6,6	112,4	"	"	"	"	"	"	"	Wasserhöhe < 2000m (ab ca. 16:25 kein PS-Tief)
"	16:45	60° 44,1	36° 36,0	-	1264	6,0	110,6	"	"	"	"	"	"	"	Schweres Signal/Brake ca. 20m
"	17:00	60° 44,6	36° 32,9	-	1307	6,4	112,3	"	"	"	"	"	"	"	kein PS-Signal
"	17:15	60° 45,1	36° 30,0	-	1271	6,3	112,0	"	"	"	"	"	"	"	
"	17:30	60° 45,8	36° 26,7	-	1251	6,7	112,4	"	"	"	"	"	"	"	
"	17:45	60° 46,4	36° 23,7	-	560	6,0	112,0	"	"	"	"	"	"	"	



Datum	Zeit UTC	Latitude ϕ S	Longitude ϕ W	Tiefe PS	Tiefe HS	Geschw. km	Kurs $^\circ$	Wache	Frequ PS	Pulse	Rec Length	Wait Time	Dege Rolle	Tape	Bemerkungen
10.01.97	18:00	60° 46.9	36° 20.6	448.1	435	6.5	109.9	M. Rinrock	4	2	266	0	2	9	
	15	47.5	17.4	695 ??	847	6.2	114.0	"	"	"	"	"	"	"	Parasound digital display (DES 25, (obscure)) stopped updating - restarted at 1830
	30	48.1	14.4	?	840	6.8	112.1	"	"	"	"	"	"	"	
	45	48.8	11.2	1128	1110	6.0	114.0	"	"	"	"	"	"	"	
	18 47							"	"	"	"	"	"	9	Tape 9 ends
	18 50							"	"	"	"	"	"	10	Tape 10 starts
	19 00	49.4	8.2	1035	1016	6.7	108.5	"	"	"	"	"	"	"	
	15	49.9	5.1	1431	1399	6.2	111.9	"	"	"	"	"	"	"	
	30	50.5	1.9	2237	2218	6.4	111.6	"	"	"	"	"	"	"	
	45	51.2	35° 58.5	2899	2919	6.9	112.2	"	"	"	"	"	"	"	
	20 00	51.9	55.2	3772	3798	8.2	113.6	Dixmann	"	"	"	"	"	"	
	20:15	52.7	51.2	4202	4143	8.0	113.9	"	"	"	"	"	"	"	
	20:30	53.4	47.0	4353	4267	8.1	110.2	"	"	"	"	"	"	"	
	20:45	54.3	42.7	2394	2410	8.8	113.3	"	"	"	"	"	"	"	
	21:00	55.1	38.4	924	1583	8.8	114.1	"	"	"	"	"	"	"	
	21:15														PARASOUND - Neustart
	21:30	56.7	30.0	3324	3304	8.6	109.5	"	"	"	"	"	"	"	
	21:45	57.6	25.7	3460	3379	8.8	113.1	"	"	"	"	"	"	"	Rinnenstruktur mit 30m Sediment
	22:00	58.4	21.6	3614	3563	8.9	113.7	"	"	"	"	"	"	"	
	22:15	59.3	17.4	3925	3939	8.8	111.8	"	"	"	"	"	"	"	
	22:30	61° 00.1	12.9	3648	3706	9.1	112.0	"	"	"	"	"	"	"	
	22:45	00.9	08.8	2871	2936	8.7	111.1	"	"	"	"	"	"	"	
	23:00	01.7	04.7	2062	2056	9.3	112.2	"	"	"	"	"	"	"	
	23:15	02.6	00.0	2332	2446	8.9	110.9	"	"	"	"	"	"	"	
	23:30	03.4	34° 56.0	3069	3031	9.1	113.0	"	"	"	"	"	"	"	
	23:45	04.2	51.7	3142	3077	9.3	117.4	"	"	"	"	"	"	"	
11.01.97	00:00	05.2	47.3	3110	3052	9.2	111.7	"	"	"	"	"	"	"	
	00:15	05.4	42.4	3574	3466	9.4	107.3	Usbeck	"	"	"	"	"	"	
	0:30	06.8	38.7	3670	3610	9.2	109.2	"	"	"	"	"	"	"	0:34 ca 50m Eindringtiefe
	0:45	07.6	34.7	3644	3588	9.0	116.9	"	"	"	"	"	"	"	
	1:00	08.7	30.0	3249	3300	9.1	110.3	"	"	"	"	"	"	"	
	1:15	09.4	26.1	3591	3521	9.3	109.3	"	"	"	"	"	"	"	
	1:30	10.3	21.0	3616	3562	9.3	108.9	"	"	"	"	"	"	"	stark. unruhig, große Störzonen
	1:45	11.1	16.5	3296	3241	9.2	112.1	"	"	"	"	"	"	"	
	2:00	12.0	12.0	2823	2806	9.2	104.1	"	"	"	"	"	"	"	
	2:15	12.8	07.5	2476	2457	9.3	111.0	"	"	"	"	"	"	"	2:40 Eindringtiefe 30-50m
	2:30	13.6	03.4	2608	2573	9.0	116.7	"	"	"	"	"	"	"	
	2:45	14.6	33° 59.0	2704	2642	9.3	110.6	"	"	"	"	"	"	"	
	3:00	15.4	54.3	2815	2750	9.3	107.1	"	"	"	"	"	"	"	3:00 sehr stark ausgeprägte Schichten!
	3:15	16.3	59.1	2831	2760	9.1	115.3	"	"	"	"	"	"	"	~ 50m
	3:30	17.1	45.5	2617	2556	9.0	108.2	"	"	"	"	"	"	"	

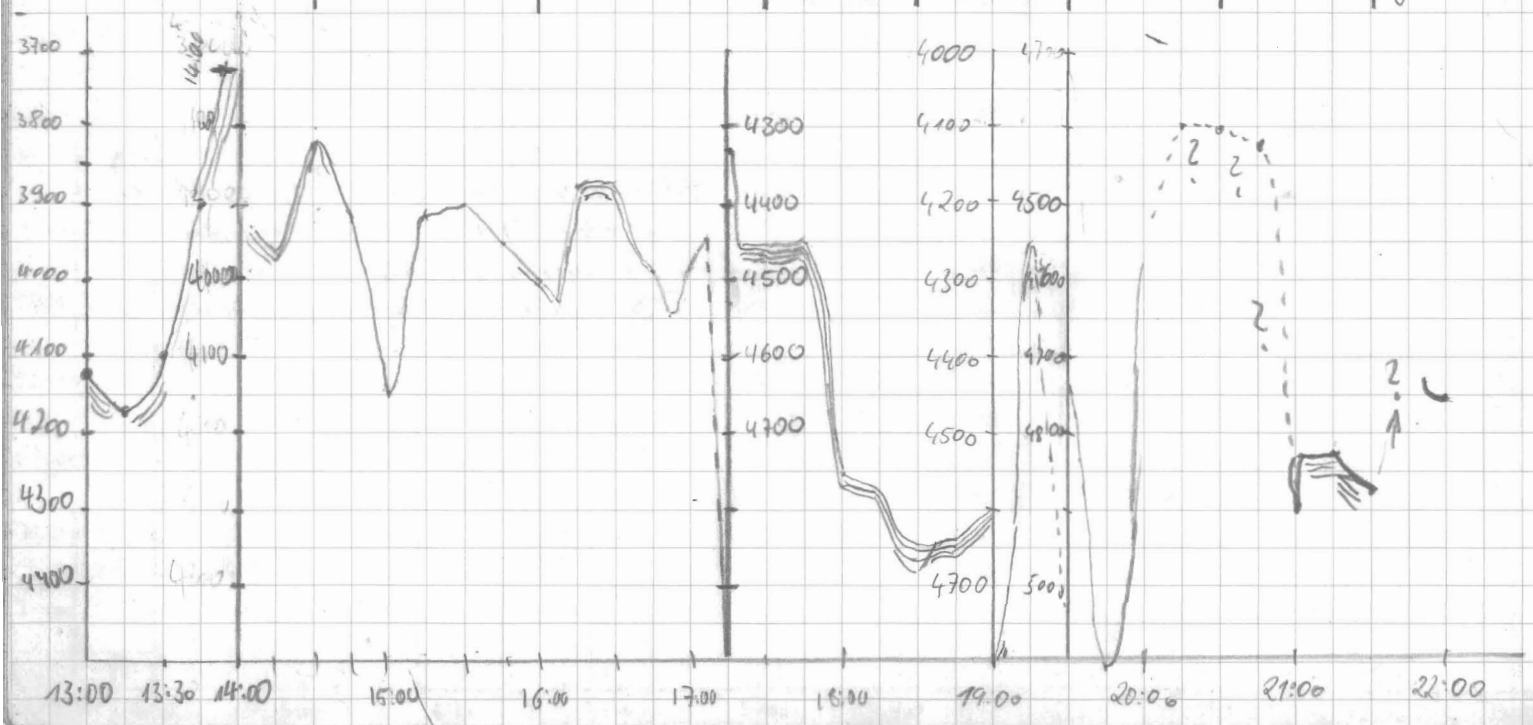


Date	Time UTC	Latitude S	Longitude W	Depth PS	Depth 175	Speed Kn	Course °	Name	Frequ PS	Pulse	Rec Length	Wait. Time	Deso Roll	Tape No	Comments
11.01.97	03:45	61°17,9	33°41,2	2511	2478	9,2	111,1	Usbeck	4	2	266	0	2	10	wieder schlecht da
	04:00	18,7	36,8	2970	2800	9,2	110,6	"	"	"	"	"	"	"	Frau Schumacher ist da
	04:15	61°19,5	33°32,3	3329	3275	9,1	112,2	St. Schumacher	"	"	"	"	"	"	4:26 wieder ein Signal, Eindringtiefe ca. 20m
	04:30	61°20,4	33°28,0	3858	3768	8,9	114,0	"	"	"	"	"	"	"	Eindringtiefe bis ca. 50m
	04:45	61°21,3	33°23,7	3833	3735	8,9	107,8	"	"	"	"	"	"	"	Eindringtiefe bis ca. 50m
	05:00	61°22,0	33°19,4	3782	3627	9,0	113,7	"	"	"	"	"	"	11	Signal wieder schlechter
	05:15	61°22,9	33°15,2	3392	3341	9,0	114,3	"	"	"	"	"	"	"	Signal weg
	05:30	61°23,7	33°11,0	3229	3118	8,8	112,2	"	"	"	"	"	"	"	Signal sehr schlecht, 5:39 Sig mal wieder da
	05:45	61°24,6	33°08,8	3517	3430	8,6	112,5	"	"	"	"	"	"	"	Eindringtiefe ca. 10- max 20m, 2 T. kein Signal
	06:00	61°25,4	33°02,6	3030	3004	9,2	110,9	"	"	"	"	"	"	"	"
	06:15	61°26,1	32°58,0	2887	2835	9,1	105,0	"	"	"	"	"	"	"	Keine od. nur schlechte Signale
	06:30	61°26,8	32°53,7	3255	41018	8,8	116,6	"	"	"	"	"	"	"	15 und PS Tiefe stark unregelmäßig *
	06:45	61°27,8	32°49,6	3985	3915	8,8	115,7	"	"	"	"	"	"	"	Signal wieder da, 2 T. sehr schlecht
	07:00	61°28,8	32°45,4	3098	3095	9,0	115,5	"	"	"	"	"	"	"	stark flacher werdend, deshalb Fenster sehr häufig geändert
	07:15	61°29,7	32°41,2	3203	3128	9,1	113,7	"	"	"	"	"	"	"	Signal wieder eindeutig, Eindringtiefe ca. 20m
	07:30	61°30,6	32°36,8	2964	2914	9,1	110,7	"	"	"	"	"	"	"	Signale unterbrochen
	07:45	61°31,4	32°32,4	3257	3220	9,0	110,7	"	"	"	"	"	"	"	"
	08:00	61°32,2	32°28,1	3412	3388	9,2	110,8	"	"	"	"	"	"	"	"
	15	32,9	23,4	3749	3673	9,0	109,4	M. Pinnack	"	"	"	"	"	"	"
	30	33,7	18,9	3417	3412	9,2	111,4	"	"	"	"	"	"	"	"
	45	34,5	14,5	3432	3362	9,1	110,0	"	"	"	"	"	"	"	"
	09:00	35,3	10,2	3194	3187	8,7	112,6	"	"	"	"	"	"	"	"
	15	36,1	5,7	3328	3255	8,7	114,4	"	"	"	"	"	"	"	"
	30	61°37,0	32°1,4	3303	3290	9,4	112	"	"	"	"	"	"	"	"
	45	37,8	31°56,9	3995	3904	9,0	112,6	"	"	"	"	"	"	"	~50m sediment edges
	10:00	38,7	52,5	3728	3647	9,3	111,8	"	"	"	"	"	"	"	"
	15	39,5	48,0	3459	3411	9,3	111,6	"	"	"	"	"	"	"	"
	30	40,3	43,7	3065	3586	8,9	110,9	"	"	"	"	"	"	"	"
	45	41,2	39,4	3910	3833	8,8	110,9	Wohleubig	"	"	"	"	"	"	"
	11:00	41,9	35,0	3535	3462	8,9	108,7	"	"	"	"	"	"	"	Signal fehlt streckenweise
	15	42,7	30,7	3769	3798	8,8	108,4	"	"	"	"	"	"	"	"
	30	43,5	26,4	4090	4007	8,9	110,7	"	"	"	"	"	"	"	"
	45	44,3	22,1	3986	3943	8,5	113,1	"	"	"	"	"	"	"	"
	12:00	45,2	17,8		4284	8,9	115,7	Breffeld	"	"	"	"	"	"	"
	15	61,5	13,5	4060	4020	8,7	114,	"	"	"	"	"	"	"	"
	30	61,5	09,3	3916	3856	9,1	112,1	"	"	"	"	"	"	"	"
	45	61,5	04,8	3700	3654	9,2	110,5	"	"	"	"	"	"	"	"
	13:00	48,5	00,5	4152	4124	8,5	115,0	"	"	"	"	"	"	"	"

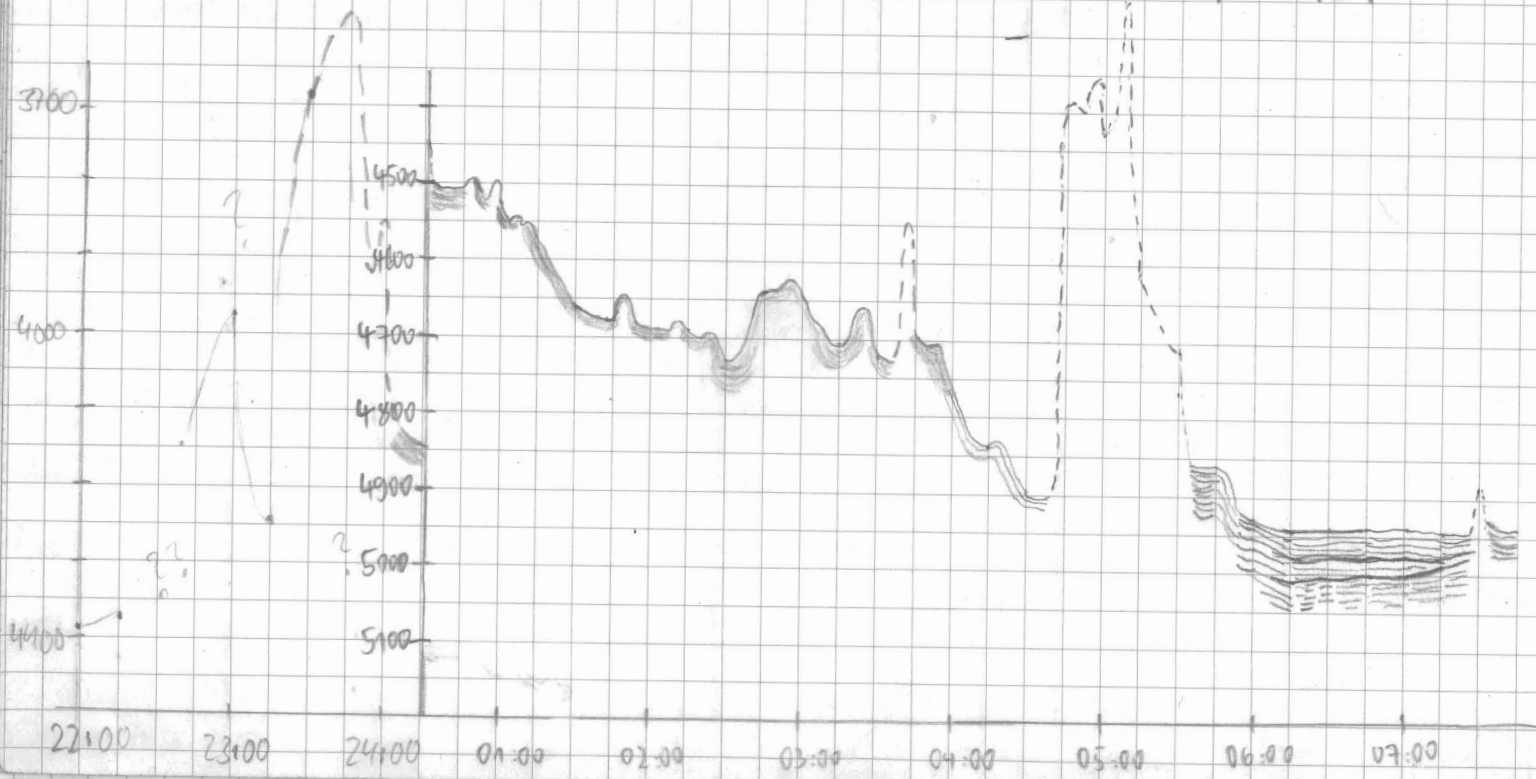


* PSTiefe waren 6:30 Tiefe wurde gemessen 4124, starkes Topog. in 2 T. wieder Signale
Tiefenangabe an Schabbe geht hässlich verloren.

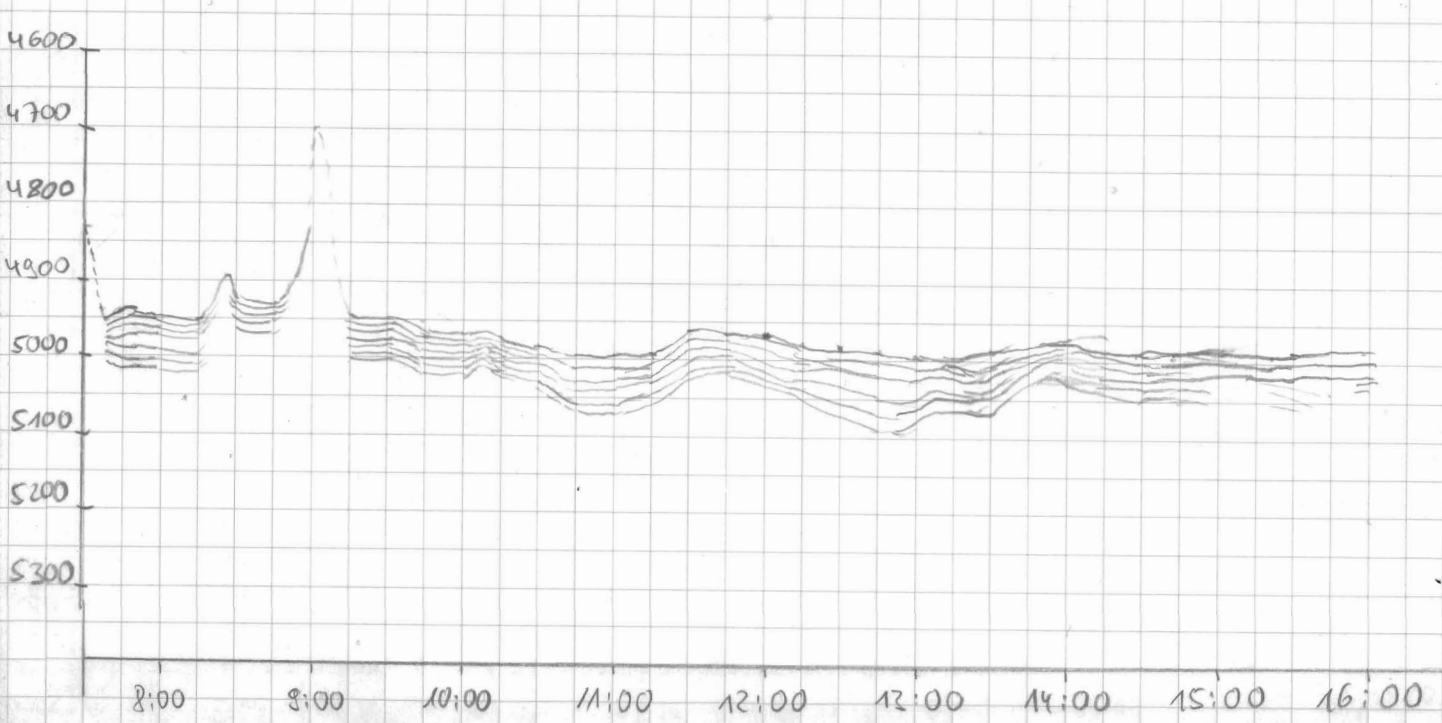
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. Km	Kurs °	Name	Frequ. PS	Pulse	Rec. Length	Wait time	Info - rolle	Band No	Bemerkungen
M. 01. 97	13:15	61° 49.5 S	30° 56.4 W	4219	4175	8.7	115.4	Breffeld	4	2	266	0	2	12	13:12 Bandwechsel
"	13:30	50.3	52.1	4094	4043	8.9	108.8	"	"	"	"	"	"	"	sub. sehr starke Sedimentecho
"	13:45	51.0	47.6	3920	3858	8.9	112.6	"	"	"	"	"	"	"	
"	14:00	51.9	43.3	3738	3678	9.0	113.8	"	"	"	"	"	"	"	
"	14:15	51.9 ?	38.8	3963	3891	9.3	110.0	Müller	"	"	"	"	"	"	ca 40 m Eind.
"	14:30	53.6	34.3	3825	3712	9.3	111.6	"	"	"	"	"	"	"	schlecht
"	14:45	54.4	29.9	3929	3884	9.2	111.8	"	"	"	"	"	"	"	
"	15:00	55.2	25.6	4155	4088	9.0	113.2	"	"	"	"	"	"	"	
"	15:15	56.1	21.1	3928	3950	8.8	113.4	"	"	"	"	"	"	"	
"	15:30	57.0	16.9	3905	3871	9.1	119.7	"	"	"	"	"	4	"	
"	15:45	57.8	12.1	3901	3839	8.8	96.9	"	"	"	"	"	3	"	Wechsel Rolle 2 → 3
"	16:00	58.7	07.7	3997	3924	8.8	110.6	"	"	"	"	"	"	"	
"	16:15	59.5	03.2	3881	3860	9.1	111.2	K. Riedel	"	"	"	"	"	"	
"	16:30	62° 00.5	29° 53.0	3887	3820	8.3	134.4	"	"	"	"	"	"	"	
"	16:45	02.1	55.6	3990	3951	9.4	136.3	"	"	"	"	"	"	"	starkes Rauschen. Hyperbeln → Seitenhänge
"	17:00	03.7	52.1	4034	3973	9.4	136.4	"	"	"	"	"	"	"	
"	17:15	05.6	48.1	4528	4452	9.3	131.9	"	"	"	"	"	"	"	
"	17:30	07.1	44.9	4483	4431	9.5	135.8	"	"	"	"	"	"	"	17:17-17:25 ca. 75m Eindringtiefe
"	17:45	08.7	41.2	4383	4422	9.6	134.8	"	"	"	"	"	"	"	ab 17:24 Eindringtiefe ca. 100m
"	18:00	62° 10.4	29° 37.7	4756	4673	9.8	134.9	Pyg Silla	"	"	"	"	"	"	Talw. Signal verloren
"	18:15	12.3	33.8	4760	4650	9.6	133.7	"	"	"	"	"	"	"	Eindringtiefe ca. 50m
"	18:30	13.8	30.6	4845	4762	9.6	132.7	"	"	"	"	"	"	"	Eindringtiefe > 50m
"	18:45	15.4	26.7	4838	4757	9.7	135.9	"	"	"	"	"	"	"	Eindringtiefe > 50m
"	19:00	17.2	23.2	4797	4703	9.8	136.1	"	"	"	"	"	"	"	19:05-19:22 keine PS-Tiefe
"	19:15	19.0	19.4	4249	4143	9.7	135.9	"	"	"	"	"	"	"	
"	19:30	20.7	15.8	4729	4737	9.6	135.1	"	"	"	"	"	"	"	
"	19:45	22.4	12.2	5901	4890	9.4	135.7	"	"	"	"	"	"	"	
"	20:00	24.1	08.4	4568	4559	9.7	135.6	"	"	"	"	"	"	"	
"	20:15	25.8	04.7	3732	3740	9.6	137.8	Breffeld	"	"	"	"	"	"	seit ca 15min kein reales Echo
"	20:30	27.0	01.1		4454	9.7	135.7	"	"	"	"	"	"	"	
"	20:45	29.2	57.5	4465	4436	9.6	134.3	"	"	"	"	"	"	13	20:39 Bandwechsel
"	21:00	30.9	53.8	4145	4813	9.6	134.1	"	"	"	"	"	"	"	
"	21:15	32.6	50.0	4705	4837	9.6	133.5	"	"	"	"	"	"	"	
"	21:30	34.3	46.1		4730	9.5	134.5	"	"	"	"	"	"	"	
"	21:45	35.9	42.4		3991	9.7	134.5	"	"	"	"	"	"	"	
"	22:00	37.7	38.7	4382	4752	10.0	138.0	"	"	"	"	"	"	"	
"	22:15	62° 39.6	28° 35.2	4375	4562	9.9	138.8	Pfender	"	"	"	"	"	"	ab 22:15 auf oberem Monitor keine PS Tiefe



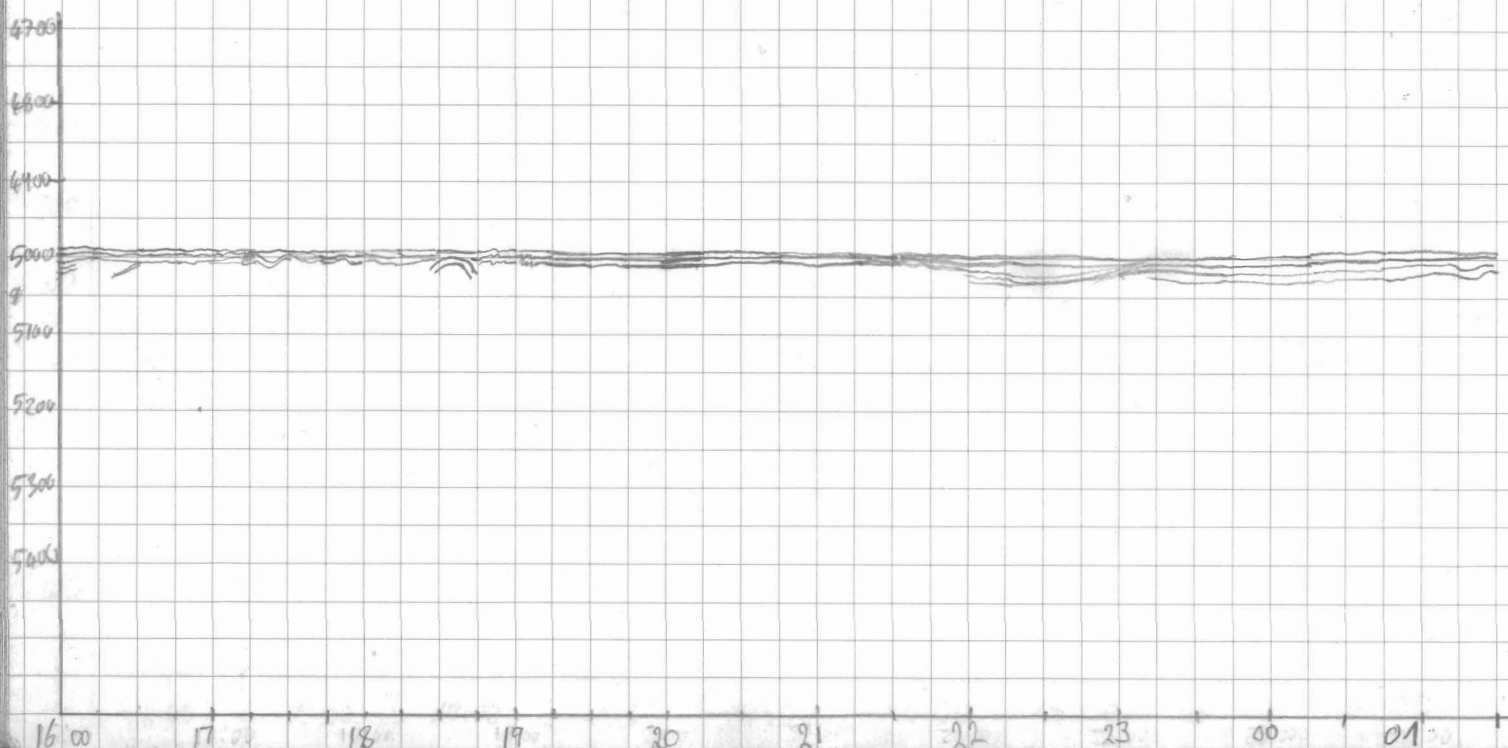
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	geschw. kn	Kurs °	Name in Buchstabe	Frequ. PS	Pulse	Rec. knots	Wait Time	Deso Rolle	Band No.	Bemerkungen
	22:30	62°41,32	28°31,500	0	4424	9,8	131,4	Pfendus	"	"	"	"	3	13	seit 22:15 nur Rauschen, laut HS sehr häufig größtenteils PS auf 0!
	22:45	62°42,82	28°27,44	0	3894	9,6	135,2	"	"	"	"	"	"	"	
	23:00	44,57	23,98	3974,6	4036,4	9,5	138,2	"	"	"	"	"	"	"	
	23:15	46,38	20,56	4245,5	4171,0	9,6	136,1	"	"	"	"	"	"	"	
	23:30	48,10	16,97	3680,0	3769,4	9,7	142,6	"	"	"	"	"	"	"	
	23:45	49,71	13,71	0	3637,0	9,3	130	"	"	"	"	"	"	"	
12.01.97	24:00	51,48	09,80	0	4114,8	9,6	120,2	"	"	"	"	"	"	"	
	00:15	53,13	06,03	4142	4096	9,5	134,6	Hillenbrand	"	"	"	"	"	"	Eindringtiefe ~60m
	00:30	54,77	02,29	4509	4430	9,2	136,0	"	"	"	"	"	"	"	
	00:46	56,52	27° 58,23	4508	4461	9,6	132,9	"	"	"	"	"	"	"	
	01:00	58,04	54,90	4543	4469	9,6	134,5	"	"	"	"	"	"	"	
	01:15	59,70	51,25	4568	4498	9,5	135,3	"	"	"	"	"	"	"	Eindringtiefe ~40m
	01:30	63° 01,37	47,47	4667	4595	9,6	130,5	"	"	"	"	"	"	"	
	01:45	02,94	43,67	4671	4603	9,7	132,6	"	"	"	"	"	"	"	
	02:00	04,63	39,87	4683	4613	9,4	136,2	"	"	"	"	"	"	"	
	02:15	06,39	36,14	4687	4616	9,5	135,8	"	"	"	"	"	"	"	Eindringtiefe ~70m
	02:31	08,18	32,37	4725	4641	9,4	136,4	"	"	"	"	"	"	"	
	02:45	09,87	28,72	4643	4563	9,4	131,2	"	"	"	"	"	"	"	Eindringtiefe ~40-50m
	03:00	11,43	25,13	4624	4549	9,5	132,4	"	"	"	"	"	"	"	
	03:15	13,02	21,35	4705	4634	9,1	132,4	"	"	"	"	"	"	"	
	03:30	14,73	17,76	4731	4652	9,4	137,5	"	"	"	"	"	"	"	
	03:45	16,43	14,29	4713	4624	9,4	135,7	"	"	"	"	"	"	"	Eindringtiefe ~70m
	04:00	18,05	10,62	4777	4680	9,2	133,9	"	"	"	"	"	"	"	
	04:15	19,76	06,83	4836	4801	9,0	135,6	Dickmann	"	"	"	"	"	14	Randwechsel 04:12 - 04:22
	04:30	21,32	03,33	4811	4802	9,2	134,2	"	"	"	"	"	"	"	
	04:45	22,96	59,65	4461	4397	9,1	134,5	"	"	"	"	"	"	"	
	05:00	24,69	26° 55,81	4433	4434	9,3	134,1	"	"	"	"	"	"	"	
	05:15	26,15	52,29	4610	4521	9,1	132,1	"	"	"	"	"	"	"	
	05:30	27,71	48,70	4704	4767	8,9	136,1	"	"	"	"	"	"	"	
	05:45	29,34	45,18	4866	4785	9,0	137,1	"	"	"	"	"	"	"	
	06:00	30,91	41,72	4935	4832	9,3	135,1	"	"	"	"	"	"	"	Weddell-Becken, ~100m Eindringtiefe
	06:15	32,61	38,05	4941	4849	9,4	136,0	"	"	"	"	"	"	"	
	06:30	34,30	34,44	4940	4848	9,5	137,0	"	"	"	"	"	"	"	
	06:45	35,86	30,96	4943	4852	9,3	134,6	"	"	"	"	"	"	"	
	07:00	37,42	27,18	4944	4861	9,0	133,1	"	"	"	"	"	"	"	
	07:15	39,07	23,45	4946	4865	9,2	133,2	"	"	"	"	"	"	"	



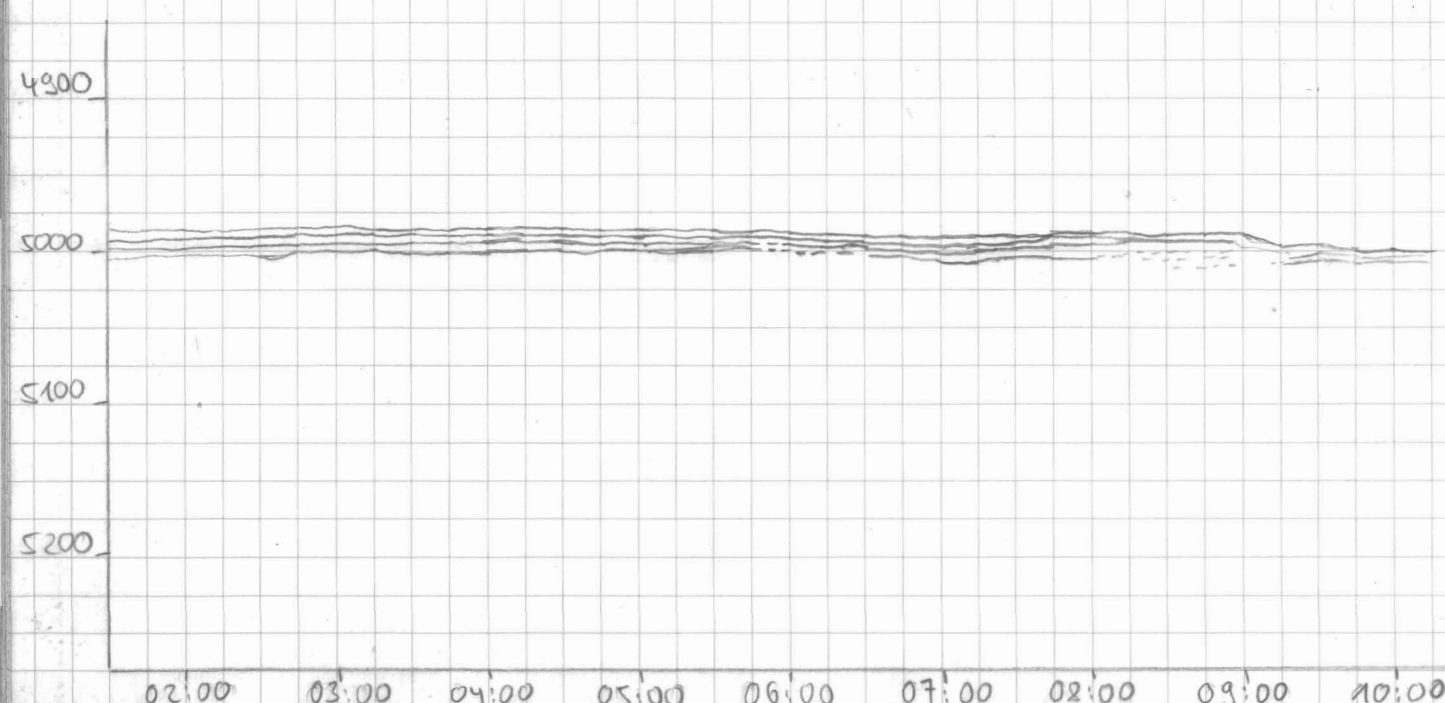
Datum	Zeit	Brutt (S)	Länge (W)	Takt PS	Takt HS	feschw. km	Kurs	Name	Freq. PS	Pulse	Rec. length	Wait Time	DES- Rolle	Rand- Nr.	Bemerkungen
12.01.97	07:30	63° 40,6	26° 19,9	4839	4766	9,3	134,6	Dietmann	4	Z	266	0	3	14	
	07:45	42,3	16,0	4941	4857	9,3	136,8	"	"	"	"	"	"	"	
	08:00	44,0	12,5	4944	4858	9,4	137,0	"	"	"	"	"	"	"	Ab jetzt Kursabweichungen wegen Eis
	08:15	63° 45,7	26° 08,6	4941	4861	9,3	135,2	St. Schwanke	"	"	"	"	"	"	
	08:30	63° 47,5	26° 05,2	4915	4850	9,8	142,1	"	"	"	"	"	"	"	
	08:45	63° 49,4	26° 01,6	4922	4839	10,1	140,6	"	"	"	"	"	"	"	
	09:00	63° 51,2	25° 58,1	4707	4659	9,8	137,5	"	"	"	"	"	"	"	2 T. kein Signal Seemannst?, Signale wieder optimal.
	09:15	63° 52,8	25° 54,0	4957	4884	9,7	126,0	"	"	"	"	"	"	"	
	09:20	63° 54,3	25° 49,5	4954	4881	9,9	126,4	"	"	"	"	"	"	"	
	09:45	63° 56,0	25° 45,4	4979	4908	9,7	142,2	"	"	"	"	"	"	"	
	10:00	63° 57,8	25° 41,8	4976	4906	9,8	138,4	"	"	"	"	"	"	"	
	10:15	63° 59,6	25° 38,2	4976	4905	9,6	132,0	"	"	"	"	"	"	"	
	10:30	64° 01,2	25° 34,1	4981	4908	9,8	131,9	"	"	"	"	"	"	"	
	10:45	64° 02,8	25° 29,8	4992	4919	9,7	127,7	"	"	"	"	"	"	"	
	11:00	64° 04,3	25° 25,7	4996	4950	9,9	139,1	"	"	"	"	"	"	"	
	11:15	64° 06,2	25° 21,9	4991	4923	9,6	137,3	"	"	"	"	"	"	"	
	11:30	64° 07,8	25° 18,9	4961	4897	9,9	133,0	"	"	"	"	"	"	"	Wechsel Tape 14 -> Tape 15 11:32
	11:45	64° 09,8	25° 14,2	4969	4900	9,9	135,1	"	"	"	"	"	"	15	
	12:00	11,4	10,4	4969	4900	9,6	131,4	Ushock	"	"	"	"	"	"	
	12:15	13,0	06,2	4973	4908	9,8	133,0	"	"	"	"	"	"	"	
	12:30	14,8	02,3	4980	4916	9,9	136,4	"	"	"	"	"	"	"	
	12:45	16,5	58,4	4989	4928	9,8	137,0	"	"	"	"	"	"	"	
	13:00	18,3	54,5	4994	4954	9,8	134,4	"	"	"	"	"	"	"	
	13:15	19,9	50,4	4987	4923	9,8	126,2	"	"	"	"	"	"	"	
	13:30	21,1	45,5	4995	4933	9,9	114,1	"	"	"	"	"	"	"	
	13:45	22,3	41,1	4987	4924	9,7	141,1	"	"	"	"	"	"	"	
	14:00	24,2	37,4	4982	4918	9,7	141,0	"	"	"	"	"	"	"	
	14:15	25,9	33,9	4986	4920	9,9	140,1	"	"	"	"	"	"	"	
	14:30	27,8	30,6	4986	4922	9,9	140,0	"	"	"	"	"	"	"	
	14:45	29,6	27,1	4986	4919	9,5	140,4	"	"	"	"	"	"	"	
	15:00	31,6	23,3	4988	4919	9,7	135,4	"	"	"	"	"	"	"	
	15:15	33,3	19,6	4988	4917	9,7	137,0	"	"	"	"	"	"	"	Turbulente? 6-
	15:30	34,8	16,0	4989	4920	9,4	133,2	"	"	"	"	"	"	"	
	15:45	36,5	11,8	4989	4918	9,7	132,2	"	"	"	"	"	"	"	
	16:00	38,1	7,8	4986	4919	9,6	133,9	M. Pinnock	"	"	"	"	"	"	



Datum	Zeit	Breite S	Länge W	Tiefe PS	Tiefe 175	Spez. [km]	Kurs	Name	Freq. PS	Pulse	Rec. Length	Unit Time	Tape Rolle	Tape Nr.	Bemerkung
12/01/97	16:15	64° 39.8	24° 3.8	4988	4928	9.2	135.5	M. Pinnack	4	2	266	0	3	15	
	30	41.5	0.1	4986	4935	9.4	135.8	"	"	"	"	"	"	"	
	45	43.0	23° 56.0	4988	4936	9.5	124.2	"	"	"	"	"	"	"	
	17:00	44.3	51.5	4988	4935	9.4	124.8	"	"	"	"	"	"	"	
	15	45.7	47.0	4987	4939	9.4	124.1	"	"	"	"	"	"	"	
	30	47.2	42.9	4988	4936	9.1	139.1	"	"	"	"	"	"	"	
	45	49.1	40.2	4991	4937	9.0	156.5	"	"	"	"	"	"	"	
	18:00	50.8	36.8	4990	4938	9.1	135.5	Przybilla	"	"	"	"	"	"	
	15	52.6	32.8	4991	4933	9.2	135.4	"	"	"	"	"	"	"	
	30	53.9	29.4	4990	4933	9.1	133.0	"	"	"	"	"	"	16	Tape-Wechsel 18:30
	45	55.5	25.5	4992	4935	8.8	132.2	"	"	"	"	"	"	"	
	19:00	57.0	21.7	4990	4939	8.8	135.3	"	"	"	"	"	"	"	Tape-Drive teilweise mit Meldung "CHECK"
	15	58.7	18.1	4992	4935	8.9	137.4	"	"	"	"	"	"	"	Ab ca. 18:50 keine Auflösung von Horizonten
	30	65° 00.4	14.7	4991	4931	9.0	139.4	"	"	"	"	"	"	"	Reduktion 20%
	45	02.1	11.3	4990	4932	9.0	140.8	"	"	"	"	"	"	"	
	20:00	03.7	08.3	4991	4933	9.1	141.0	"	"	"	"	"	"	"	
	15	05.6	04.7	4987	4928	9.0	141.9	"	"	"	"	"	"	"	
	30	07.2	01.0	4988	4934	8.9	133	Karl	"	"	"	"	"	"	Reduktion 40%
	45	08.8	22° 57.1	4990	4933	9.2	133	"	"	"	133	"	"	"	
	21:00	10.3	53.2	4989	4937	9.1	133	"	"	"	"	"	"	"	
	15	11.8	49.3	4989	4939	8.9	133	"	"	"	"	"	"	"	
	30	13.3	45.5	4989	4961	9.2	132	"	"	"	"	"	"	"	schallhart Appl. 3V
	45	14.9	41.5	4989	4907	9.2	132	"	"	"	"	"	"	"	Turbidite oder lateral unkonformable mudflats
	22:00	16.5	37.5	4989	4960	9.1	133	"	"	"	"	"	"	"	
	15	18.0	33.7	4988	4929	9.0	136	"	"	"	"	"	"	"	
	30	19.5	29.7	4989	4930	9.1	126	"	"	"	"	"	"	"	
	45	21.0	25.5	4991	4932	8.9	137	"	"	"	"	"	"	"	
	23:00	22.7	22.0	4991	4931	9.5	140	"	"	"	"	"	"	"	
	15	24.5	18.3	4991	4930	9.1	136	"	"	"	"	"	"	"	
	30	24.7	14.6	4991	4931	9.1	136	"	"	"	"	"	"	"	
	45	27.8	10.8	4990	4932	9.3	137	"	"	"	"	"	"	"	
13.01.97	00:00	28.7	06.3	4990	4928	9.3	135.1	Jickmann	"	"	"	"	"	"	
	00:15	31.1	22.8	4988	4929	9.5	135.2	"	"	"	"	"	"	"	
	00:30	32.8	52.8	4987	4928	9.5	133.7	"	"	"	"	"	"	"	
	00:45	34.4	54.8	4987	4950	9.4	137.3	"	"	"	"	"	"	"	
	01:00	36.0	51.0	4988	4928	9.3	135.0	"	"	"	"	"	"	"	
	01:15	37.7	46.9	4987	4928	9.2	139.3	"	"	"	"	"	"	"	

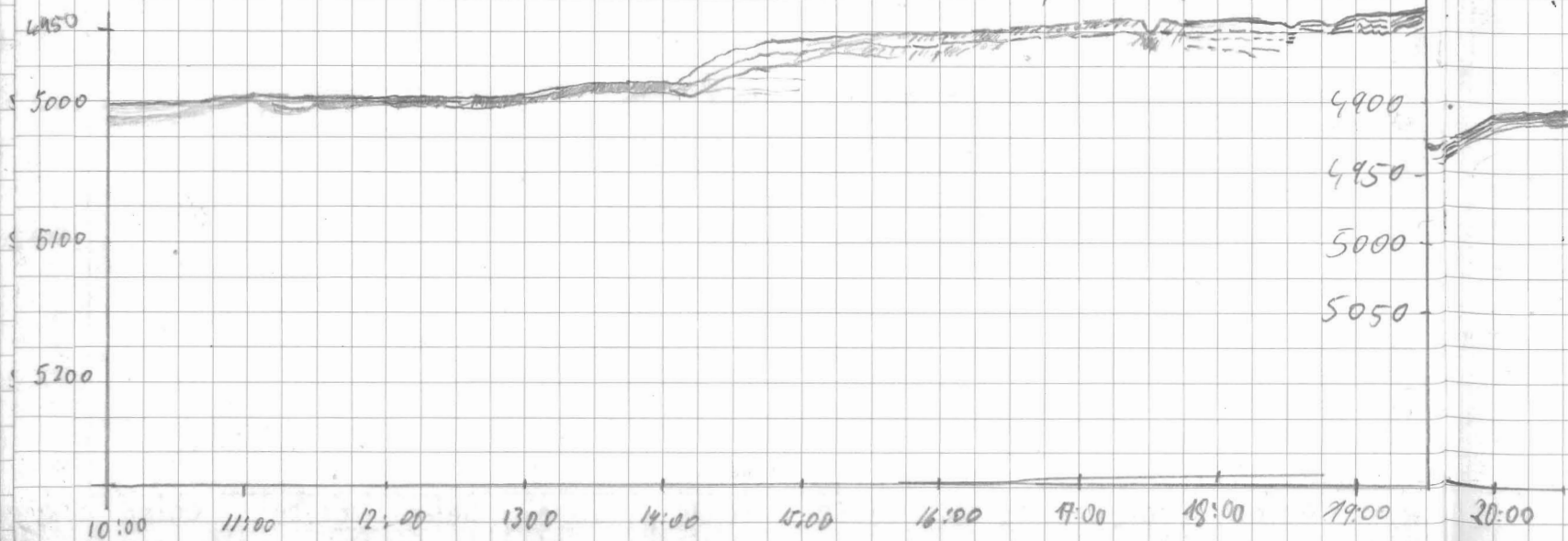


Datum	Zeit	Breit (S)	Länge (W)	TuH PS	TuH HS	Grschw. (km)	Kurs (°)	Name	Freq. PS	Pulse	Rec. Length	wait Time	Deso-Pulle	Tape-Nr.	Bemerkungen
13.01.97	01:30	65° 39,3	21° 42,9	4925	4927	9,2	134,6	Dickmann	4	2	133	0	3	16	
	01:45	40,9	39,1	4924	4926	9,4	134,9	"	"	"	"	"	"	"	
	02:00	42,5	35,3	4924	4927	8,9	135,6	"	"	"	"	"	"	"	
	02:15	44,2	31,4	4924	4928	9,0	135,5	"	"	"	"	"	"	"	
	02:30	45,7	27,4	4923	4926	8,9	136,4	"	"	"	"	"	"	"	
	02:45	47,3	23,6	4923	4924	8,8	136,3	"	"	"	"	"	"	"	
	03:00	48,9	19,8	4922	4925	9,1	134,8	"	"	"	"	"	"	"	03:09 - 03:13
	03:15	50,5	16,1	4922	4925	8,9	138,5	"	"	"	"	"	"	17	Tape-Wechsel
	03:30	52,0	12,3	4922	4922	8,7	135,3	"	"	"	"	"	"	"	
	03:45	53,5	08,5	4922	4927	8,9	134,4	"	"	"	"	"	"	"	
	04:00	55,0	04,7	4982	4922	8,9	134,4	Hilfenbrand	"	"	"	"	"	"	
	04:15	56,6	00,9	4982	4923	8,8	135,5	"	"	"	"	"	"	"	
	04:30	58,1	20° 57,1	4983	4921	8,7	134,4	"	"	"	"	"	"	"	
	04:45	59,5	53,2	4984	4921	8,7	134,3	"	"	"	"	"	"	"	
	05:00	66° 01,1	49,3	4984	4922	8,9	136,2	"	"	"	"	"	"	"	05:04: Reflektor Nr 4 splittet auf in 2 Teilreflektoren
	05:15	02,7	45,6	4985	4926	8,8	136,3	"	"	"	"	"	"	"	
	05:30	04,3	42,0	4985	4925	8,7	135,7	"	"	"	"	"	"	"	05:38: Teilreflektoren unten wieder zusammen, Reflektoren Nr. 3 u. Nr. 4 konvergieren
	05:45	05,8	38,3	4986	4930	8,4	136,9	"	"	"	"	"	"	"	Reflektoren Nr. 3+4 weisen zunehmend Lücken auf
	06:00	07,3	34,6	4986	4927	8,1	132,7	"	"	"	"	"	"	"	
	06:15	08,8	30,9	4988	4927	8,6	137,3	"	"	"	"	"	"	"	
	06:30	10,4	27,2	4988	4927	8,5	134,9	"	"	"	"	"	"	"	
	06:45	11,9	23,5	4987	4926	8,6	134,2	"	"	"	"	"	"	"	
	07:00	13,5	19,6	4989	4929	9,0	135,7	"	"	"	"	"	"	"	
	07:15	15,0	15,9	4990	4930	8,7	136,5	"	"	"	"	"	"	"	
	07:30	16,6	12,0	4991	4931	8,7	131,0	"	"	"	"	"	"	"	07:40: Reflektoren 1+2 laufen zusammen
	07:45	18,1	08,1	4992	4931	8,9	133,2	"	"	"	"	"	"	"	
	08:00	66° 19,6	20° 04,1	4993	4950	8,5	133,0	St-Schweine	"	"	"	"	"	"	
	08:15	66° 21,1	20° 00,2	4992	4931	8,6	133,7	"	"	"	"	"	"	"	08:16 Reflektor 4 wird sehr schwach, 2+3 laufen zusammen
	08:20	66° 22,6	19° 56,2	4994	4934	8,7	133,6	"	"	"	"	"	"	"	
	08:45	66° 24,2	19° 52,3	4996	4935	8,9	139,0	"	"	"	"	"	"	"	Reflektor 4 wird deutlich
	09:00	66° 25,8	19° 48,7	4997	4950	8,6	139,2	"	"	"	"	"	"	"	Nehmen Schwache Reflektoren unter 2 dicker oben, *
	09:15	66° 27,3	19° 45,1	5001	4941	8,9	133,9	"	"	"	"	"	"	"	2-3 Reflektoren
	09:30	66° 28,9	19° 41,3	4999	4941	8,9	137,0	"	"	"	"	"	"	"	wieder 3 Reflektoren
	09:45	66° 30,4	19° 37,4	5003	4944	8,6	135,2	"	"	"	"	"	"	"	
	10:00	31,8	33,8	5002	4944	8,6	136,3	Wohlerbay	"	"	"	"	"	"	
	10:15	33,5	29,7	5003	4942	8,8	135,0	"	"	"	"	"	"	"	Über längere Strecken wieder zwei getrennte Reflektor-Bänder!



*09:05 Nur oberer Reflektor bleibt, unterer verschwindet bis auf schwacher unterer Reflektor

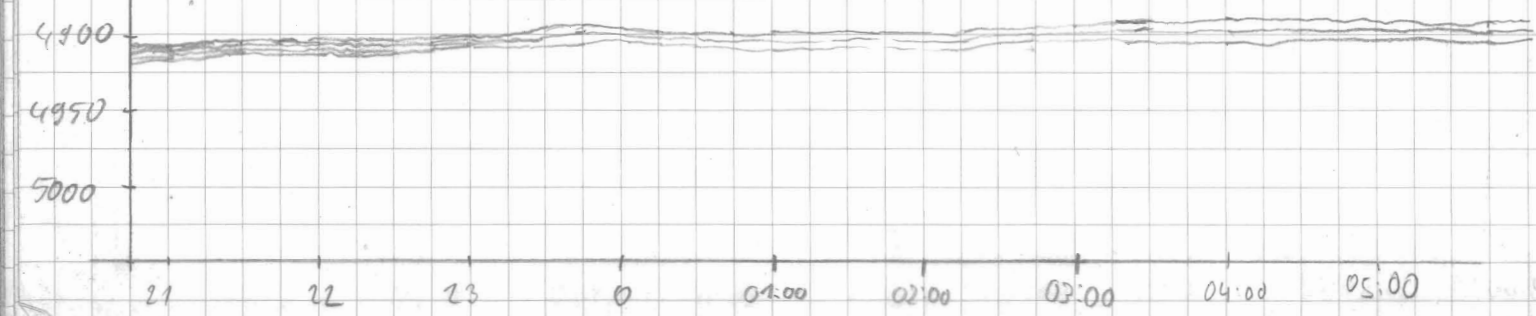
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe MS	Geschw. km	Mass °	Wacke	Freq. PS	Pulse	Rec. lensk	Went. time	DISO Rolle	Tape Un.	Bemerkung
13.1.97	10:30	66°35.0	19°25.6	5003	4942	8.7	134.1	Wohlenberg	4	2	133	10	3	17	Kreuzen den südli. Polar-Kreis! (66.5°S) Reflektor, nach kurzer Unterbrechung, wieder Zweiigkeit bis 11:30
	10:45	36.5	21.8	5003	4944	8.6	134.5	"	"	"	"	"	"	"	
	11:00	38.0	18.0	4999	4941	8.2	137.7	"	"	"	"	"	"	"	
	15	39.6	14.2	4996	4936	8.6	135.5	"	"	"	"	"	"	"	
	30	41.2	10.3	4995	4935	8.8	136.6	"	"	"	"	"	"	"	
	45	42.7	06.6	4995	4938	8.7	135.1	"	"	"	"	"	"	"	
	12:00	44.3	03.1	4993	4937	8.7	134.2	"	"	"	"	"	"	"	
	15	45.7	18°58.6	4992	4932	8.8	129.1	M. Pinnock	"	"	"	"	"	"	
	12:30	47.2	54.6	4990	4935	8.8	134.7	"	"	"	"	"	"	18	Tape 18 stark
	45	48.8	50.5	4987	4933	9.0	135.9	"	"	"	"	"	"	"	
13:	00	50.4	46.8	4984	4930	9.0	136.3	"	"	"	"	"	"	"	
	15	51.9	42.7	4979	4926	8.9	135.5	"	"	"	"	"	"	"	
	30	53.5	38.7	4976	4921	9.0	133.0	"	"	"	"	"	"	"	
	45	55.0	34.6	4975	4922	8.9	134.2	"	"	"	"	"	"	"	
14	00	56.6	30.5	4973	4917	9.0	133.7	"	"	"	"	"	"	"	
	15	58.2	26.4	4970	4914	9.0	133.0	Utsack	"	"	"	"	"	"	
	30	59.8	22.3	4964	4909	9.1	133.4	"	"	"	"	"	"	"	
	45	01.4	18.1	4961	4909	9.0	134.6	"	"	"	"	"	"	"	
15:00	03.1	13.9	13.9	4960	4905	9.0	136.1	"	"	"	"	"	"	"	
	15	04.5	10.1	4958	4906	8.9	132.5	"	"	"	"	"	"	"	
	30	06.2	06.2	4955	4899	9.0	141.8	"	"	"	"	"	"	"	
	45	07.8	02.4	4953	4879	8.8	135.0	"	"	"	"	"	"	"	
16:00	09.4	77°58.4	4951	4896	8.9	134.9	Steffens	"	"	"	"	"	"	"	
	15	10.0	54.3	4948	4895	8.9	134.9	"	"	"	"	"	"	"	
	30	67°12.6	50.1	4946	4891	9.0	135.0	"	"	"	"	"	"	"	
	45	14.1	46.1	4944	4889	8.9	136.3	"	"	"	"	"	"	"	
17:00	15.8	42.0	4943	4887	8.9	135.0	"	"	"	"	"	"	"	"	
	15	17.3	38.1	4939	4885	9.0	135.0	"	"	"	"	"	"	"	
	30	18.9	33.8	4945	4851	2.1	133.5	"	"	"	"	"	"	"	
	45	20.5	29.8	4938	4886	9.0	135.4	"	"	"	"	"	"	"	
18:00	22.1	25.7	4937	4883	9.1	135.3	Bregulla	"	"	"	"	"	"	"	
	15	23.6	21.7	4936	4882	9.1	134.0	"	"	"	"	"	"	"	
	30	25.1	17.5	4936	4883	8.9	134.1	"	"	"	"	"	"	"	
	45	26.7	13.2	4936	4882	9.0	135.9	"	"	"	"	"	"	"	
19:00	28.4	09.1	4931	4878	9.0	134.8	"	"	"	"	"	"	"	"	
	15	30.0	05.0	4932	4880	8.9	135.1	"	"	"	"	"	"	"	
	30	31.6	00.9	4931	4878	9.1	134.9	"	"	"	"	"	"	"	
	45	33.2	16°56.7	4924	4869	9.2	135.2	"	"	"	"	"	"	"	
20:00	34.9	52.6	4918	4867	8.9	134.2	"	"	"	"	"	"	"	"	
	15	36.4	48.5	4912	4863	7.4	137.8	Kahn	"	"	"	"	4	"	
	34	38.6	43.0	4919	4864	9.2	136	"	"	"	"	"	"	"	



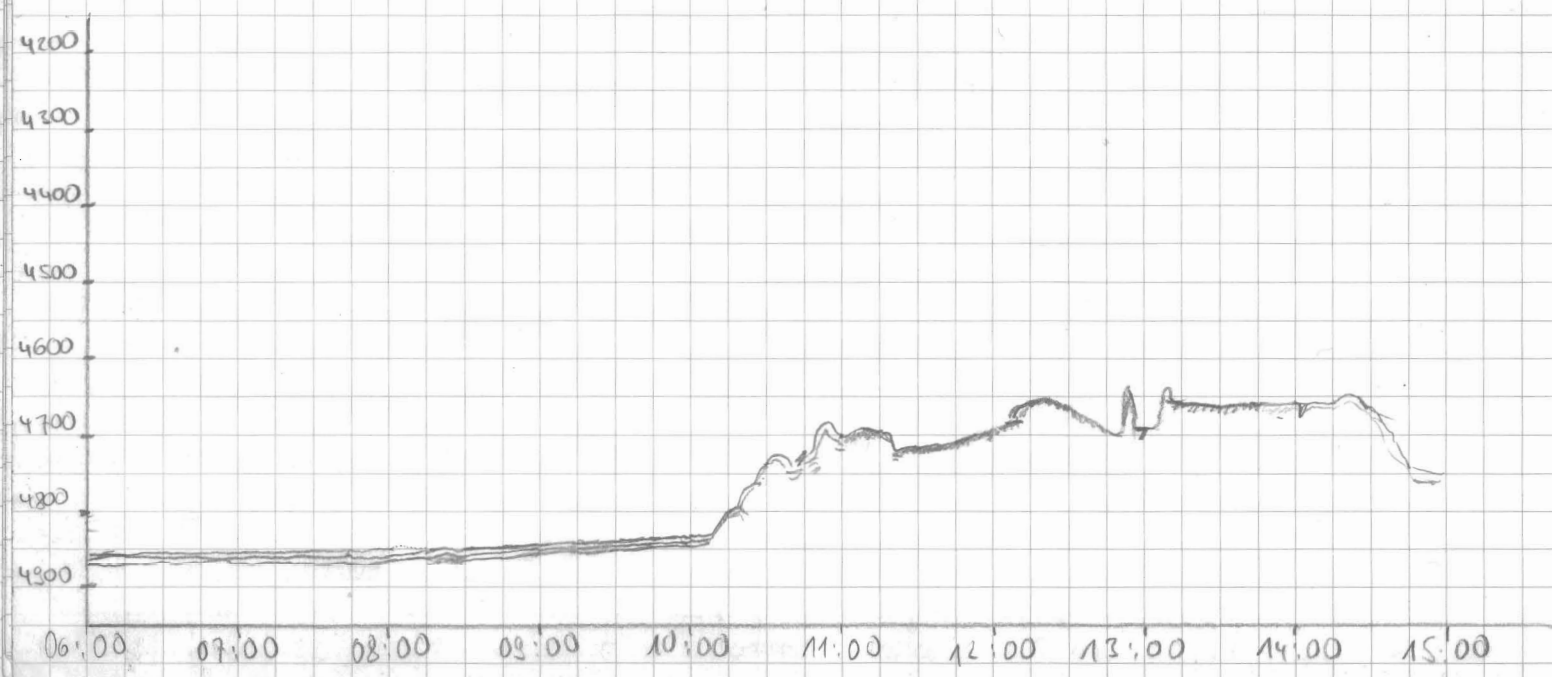
"Topographie" beginnt unruhiger zu werden

Keine durchgehenden Reflektorhorizonte

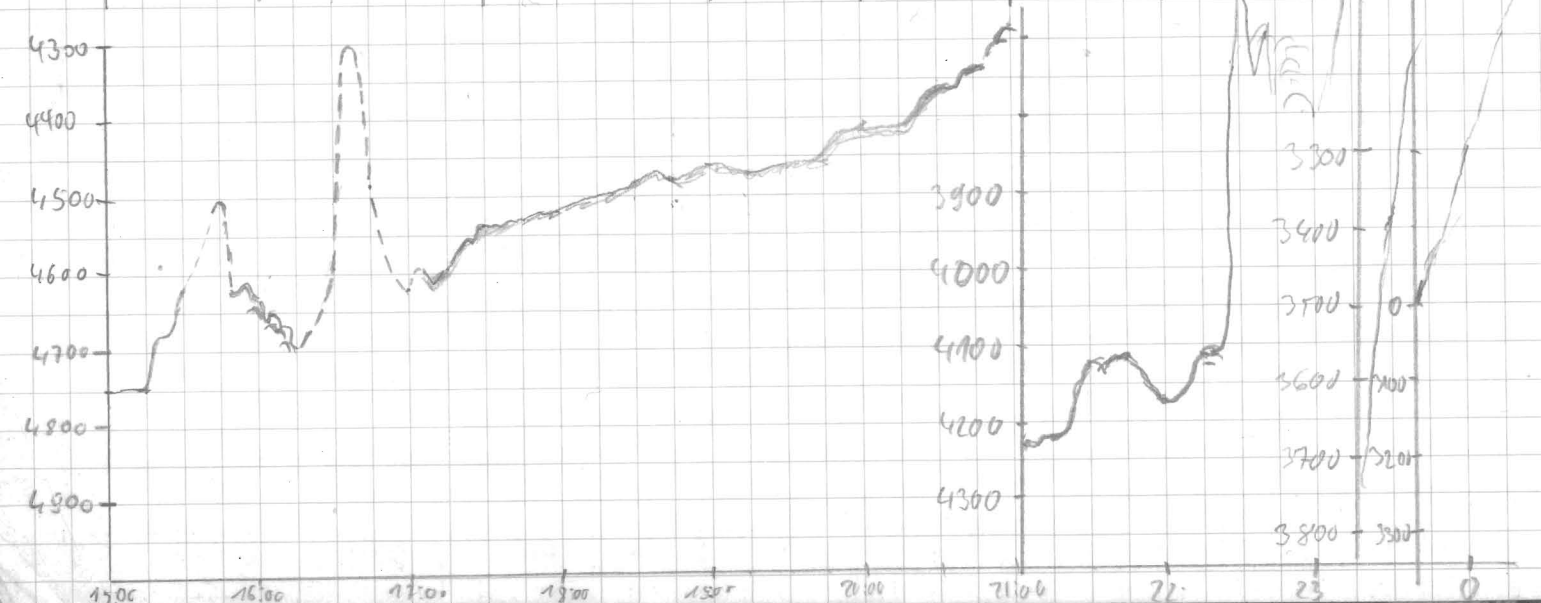
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS [m]	Tiefe HS [m]	Geschw. kn	Kurs [°]	Wache	Frequ. PS	Pulse	Rec.-Length	Wait-Time	Deso-Rolle	Tape-Nr.	Bemerkung	
13.01.97	20:48	67°40.0'	16°38.8'	4919	4861	9.1	136	Kalm	4	2	133	0	4	18	prolonged echo ca. 30m Amp 3-5V Parasound reset nach Papierwechsel stwas weicher mehr Reflektoren	
	21:00	41.3	35.3	4919	4859	9.1	134	"	"	"	"	"	"	"		
	:15	42.8	31.0	4912	4857	9.3	134	"	"	"	"	"	"	"		
	:30	44.5	26.7	4909	4852	9.7	136	"	"	"	"	"	"	"		
	:45	46.1	22.3	4910	4852	9.0	134	"	"	"	"	"	"	"		
	22:00	47.6	18.2	4911	4853	9.2	131	"	"	"	"	"	"	19		
	:15	49.2	13.4	4909	4849	9.2	130	"	"	"	"	"	"	"		
	:30	50.6	9.1	4911	4852	9.0	130	"	"	"	"	"	"	"		
	:45	52.1	4.5	4911	4855	8.3	130	"	"	"	"	"	"	"		
	23:00	53.9	0.2	4910	4850	9.4	137	"	"	"	"	"	"	"		
	:15	55.5	15°56.3'	4907	4848	8.9	137	"	"	"	"	"	"	"	prolonged echo	
	:30	57.2	52.4	4902	4844	9.0	138	"	"	"	"	"	"	"		
	:45	58.8	48.1	4903	4845	9.0	134	"	"	"	"	"	"	"		
14.01.97	00:00	68°00.6	15°43.7	4902	4849	9.0	139.0	St. Schumacher	"	"	"	"	"	"		
	00:15	02.1	15°39.9	4902	4848	9.0	135.5	"	"	"	"	"	"	"		
	00:30	03.7	15°35.7	4901	4848	9.1	134.8	"	"	"	"	"	"	"		
	00:45	05.3	15°31.4	4899	4847	9.1	135.1	"	"	"	"	"	"	"		
	01:00	07.2	15°26.4	4897	4846	9.5	136.6	"	"	"	"	"	"	"		
	01:15	08.6	15°22.9	4896	4844	9.1	135.2	"	"	"	"	"	"	"	[ca 01:25 in Aufschrieb Deso Rolle Versetzt u ca 10 nach oben, obwohl nachgestellt wurde!	
	01:30	10.2	15°18.5	4894	4844	9.1	136.3	"	"	"	"	"	"	"		
	01:45	11.8	15°14.2	4894	4844	9.1	137.3	"	"	"	"	"	"	"		
	02:00	13.4	15°09.8	4891	4839	9.2	136.0	"	"	"	"	"	"	"		
	02:15	15.0	15°05.6	4887	4837	9.1	136.7	"	"	"	"	"	"	"		
	02:30	16.7	15°01.2	4884	4831	9.2	137.3	"	"	"	"	"	"	"		
	02:45	18.4	14°56.9	4883	4831	9.3	134.4	"	"	"	"	"	"	"		
	03:00	20.0	14°52.6	4884	4830	9.5	135.7	"	"	"	"	"	"	"		
	03:15	21.7	14°48.1	4887	4837	9.3	134.1	"	"	"	"	"	"	"		
	03:30	23.2	14°43.7	4886	4837	9.4	135.0	"	"	"	"	"	"	"		
	03:45	24.4	14°39.2	4880	4828	9.1	135.4	"	"	"	"	"	"	"	geringerer Einsatz auf Deso-Rolle wie u- 01:25	
	04:00	26.6	14°34.5	4877	4826	9.1	134.7	"	"	"	"	"	"	"		
	04:15	28.2	30.2	4876	4821	8.2	135.1	Diekmann	"	"	"	"	"	"		
	04:30	29.8	25.8	4875	4817	8.4	135.1	"	"	"	"	"	"	"		
	04:45	31.5	21.4	4871	4813	8.2	135.5	"	"	"	"	"	"	"		
	05:00	33.1	16.9	4868	4813	8.4	136.2	"	"	"	"	"	"	"		
	05:15	34.7	12.4	4867	4814	8.5	134.8	"	"	"	"	"	"	"		
	05:30	36.4	14.1	4867	4814	8.3	133.7	"	"	"	"	"	"	"		
	05:45	38.1	14.0	4863	4812	8.5	136.8	"	"	"	"	"	"	"		



Datum	Zit UTC	Breit (S)	Länge (U)	Tuk PS	Tuk HS (m)	Schw (km)	Kurs (°)	Wache	Freq. PS	Platse	Rec-length	Went Time	Deso-Rolle	Tape-Nr.	Bemerkungen
14.01.37	06:00	68° 33,8'	13° 58,4'	4860	4807	9,4	135,2	Dahlmann	4	2	133	0	4	19	
	06:15	41,5	53,9	4857	4806	9,3	135,4	"	"	"	"	"	"	"	
	06:30	43,1	49,4	4856	4801	9,6	135,3	"	"	"	"	"	"	"	
	06:45	44,8	44,6	4855	4802	9,4	133,6	"	"	"	"	"	"	"	
	07:00	46,4	40,0	4856	4802	9,6	133,8	"	"	"	"	"	"	"	
	07:15	48,1	35,5	4856	4803	9,2	137,5	"	"	"	"	"	"	20	Tape-wechsel 7:03-7:06
	07:30	49,8	30,8	4854	4801	9,5	137,0	"	"	"	"	"	"	"	
	07:45	51,6	26,2	4855	4803	9,5	134,6	"	"	"	"	"	"	"	
	08:00	53,2	21,6	4856	4801	9,4	134,1	"	"	"	"	"	"	"	
	15	54,8	18,1	4853	4801	9,2	180,0	Przybylka	"	"	"	"	"	"	
	30	57,2	18,0	4849	4800	9,2	180,3	"	"	"	"	"	"	"	Deso-Schreibmit Vorschub-Problemen
	45	59,6	17,9	4845	4800	9,3	179,3	"	"	"	"	"	"	"	"
	09:00	69° 01,9	17,9	4842	4790	9,3	179,3	"	"	"	"	"	"	"	"
	15	04,1	17,8	4840	4789	9,2	179,6	"	"	"	"	"	"	"	"
	30	06,5	17,8	4837	4786	9,3	180,5	"	"	"	"	"	"	"	"
	45	08,2	17,7	4835	4785	9,5	179,9	"	"	"	"	"	"	"	"
	10:00	11,2	18,0	4834	4780	9,4	181,1	"	"	"	"	"	"	"	"
	15	12,3	17,9	4806	4759	9,4	180,6	M. Pinnock	"	"	"	"	"	"	"
	30	15,8	17,8	4743	4700	9,4	178,8	"	"	"	"	"	"	"	"
	45	18,1	17,7	4725	4687	9,3	181,5	"	"	"	"	"	"	"	"
	11:00	20,5	17,8	4694	4622	9,3	180,6	"	"	"	"	"	"	"	"
	15	22,6	17,9	4696	4617	5,5	181,9	"	"	"	"	"	"	"	"
	30	25,2	18,0	4717	4632	9,4	181,7	"	"	"	"	"	"	"	"
	45	27,5	18,0	4710	4622	9,3	179,3	"	"	"	"	"	"	"	"
	12:00	69° 29,9	13° 17,5	4656	4617	9,3	169,1	Sellers	"	"	"	"	"	"	"
	15	32,2	16,9	4662	4570	9,4	180,1	"	"	"	"	"	"	"	"
	30	34,6	17,5	4658	4569	9,2	179,8	"	"	"	"	"	"	"	"
	45	36,8	16,8	4655	4631	9,2	181,8	"	"	"	"	"	"	"	"
	13:00	38,6	15,4	4660	4607	8,7	62,6	"	"	"	"	"	"	"	"
	15	40,0	15,3	4658	4593	9,4	197,8	"	"	"	"	"	"	"	"
	30	42,2	17,3	4666	4601	9,5	156,9	"	"	"	"	"	"	"	"
	45	44,4	18,0	4661	4598	9,1	178,0	"	"	"	"	"	"	"	"
	14:00	46,0	21,7	4632	4574	9,1	230,0	St. Schumacher	"	"	"	"	"	"	"
	14:15	47,4	27,2	4640	4592	9,1	231,5	"	"	"	"	"	"	"	"
	14:30	48,9	32,0	4661	4620	9,1	231,7	"	"	"	"	"	"	"	"
	14:45	50,2	37,1	4729	4667	9,1	234,9	"	"	"	"	"	"	"	"
	15:00	51,5	41,9	4754	4682	9,1	231,9	"	"	"	"	"	"	"	"



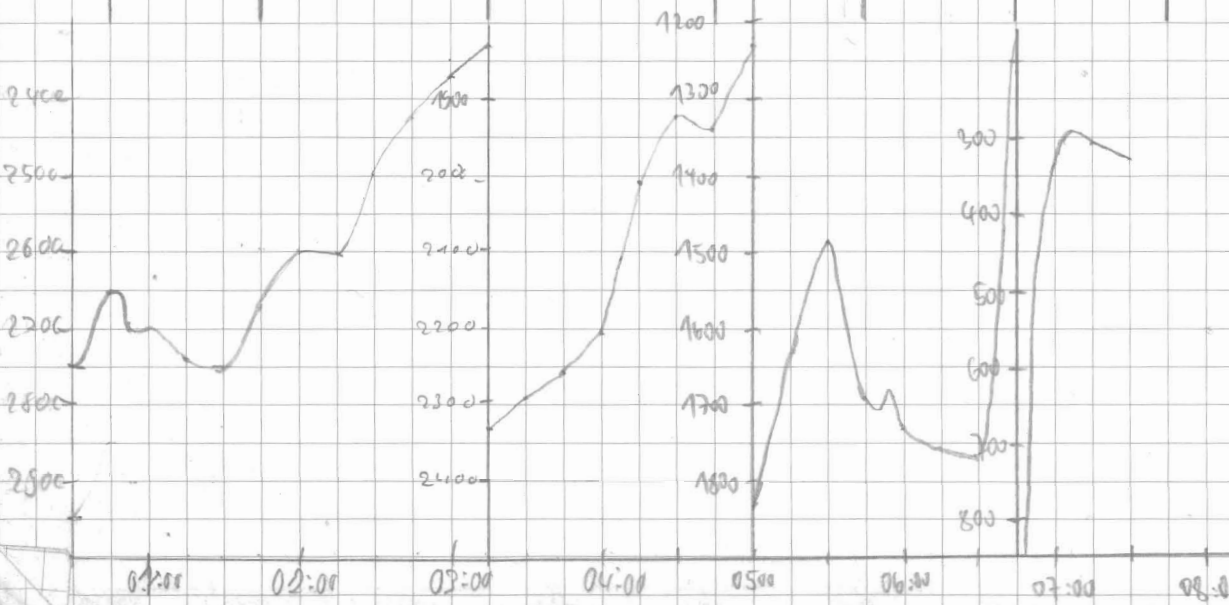
Date	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe MS	Geschwindigkeit km	Kurs	Wade	Frequ PS	Pulse	Rec length	Wait Time	Deso Roll	Tape Bl.	Bemerkung
14.1.97	15:15	69° 53,0	13° 47,6	4749	4687	9,1	231,9	St. Scharnack	4	2	133	0	1	20	15:22 Kursänderung 105,6
	15:30	54,1	45,1	4680	4620	9,2	119,1	"	"	"	"	"	"	"	
	15:45	55,2	39,7	4511	4469	9,3	117,0	"	"	"	"	"	"	"	15:45 Kursänderung 65,6
	16:00	54,42	34,05	4628	4560	8,8	51,1	Hillenbrand	"	"	"	"	"	"	15:55 " 50,1
	16:15	53,00	29,02	4696	4620	9,0	51,4	"	"	"	"	"	"	"	
	16:30	51,58	24,05	4595	4534	9,0	50,2	"	"	"	"	"	"	21	16:22 Tape 21 → Tape 20
	16:45	50,13	18,93	4482	4474	9,0	50,4	"	"	"	"	"	"	"	
	17:00	48,76	14,10	4613	4543	8,3	49,5	"	"	"	"	"	"	"	
	17:15	47,30	08,99	4590	4526	9,2	50,8	"	"	"	"	"	"	"	17:28: Kursänderung 117,2°
	17:30	47,36	03,77	4578	4514	9,3	117,2	"	"	"	"	"	"	"	
	17:45	48,39	12° 57,58	4537	4468	9,5	117,0	"	"	"	"	"	"	"	17:47 " 250,8°
	18:00	49,6	13° 00,1	4531	4458	9,1	229,4	Ushack	"	"	"	"	"	"	
	18:15	51,1	05,2	4494	4450	9,5	229,4	"	"	"	"	"	"	"	
	18:30	52,5	10,3	4493	4434	9,4	230,9	"	"	"	"	"	"	"	
	18:45	54,1	15,7	4483	4419	9,2	229,4	"	"	"	"	"	"	"	
	19:00	55,6	21,0	4459	4394	9,5	229,9	"	"	"	"	"	"	"	
	19:15	57,0	25,5	4468	4404	7,5	143,0	"	"	"	"	"	"	"	Kurswechsel
	19:30	57,4	19,9	4464	4400	9,5	115,6	"	"	"	"	"	"	"	
	19:45	59,0	13,9	4455	4395	9,4	119,8	"	"	"	"	"	"	"	
	20:00	70° 00,1	13° 07,6	4427	4367	9,5	116,0	"	"	"	"	"	"	"	
	20:15	1,2	7,5	4378	4315	9,4	117,5	Kalun	"	"	"	"	"	"	
	20:30	2,3	12° 55,3'	4343	4293	9,5	117,7	"	"	"	"	"	"	"	prolonged echo 10-15m E
	20:50	3,0	47,2'	4300	4228	9,0	67,2	"	"	"	"	"	"	"	Störungen nach Kurswechsel (voll?)
	21:00	7,5	43,5	4272	4230	9,1	66,5	"	"	"	"	"	"	"	
	21:15	7,5	37,7	4221	4169	9,2	67,0	"	"	"	"	"	"	"	
	21:31	0,6	30,7	4170	4120	9,2	67,1	"	"	"	"	"	"	"	
	21:45	69° 59,77'	24,9	4123	4071	9,1	66,0	"	"	"	"	"	"	"	
	22:00	58,9	19,0	4192	4134	9,0	65,8	"	"	"	"	"	"	"	
	22:15	58,0	12,8	4142	4119	9,2	67,3	"	"	"	"	"	"	"	
	22:31	57,0	6,3	3427	3424	9,5	68,5	"	"	"	"	"	"	"	
	22:45	56,1	0,6	3703	3672	9,0	64,3	"	"	"	"	"	"	"	
	23:00	66,2	11° 55,2	3860	3830	9,1	67,1	"	"	"	"	"	"	"	parallel Est-p-F
	23:15	54,3	48,6	0	3625	8,5	64,9	"	"	"	"	"	"	"	
	23:30	54,3	42,4	3390	3358	9,5	115,4	"	"	"	"	"	"	"	
	23:45	55,4	36,7	2990	2958	9,5	115,5	"	"	"	"	"	"	"	
15.1.97	00:00	56,5	29,9	2809	2771	9,6	119,7	St. Scharnack	"	"	"	"	"	"	
	00:15	57,7	24,7	2645	2616	9,3	115,3	"	"	"	"	"	"	"	
	00:30	58,7	18,1	2556	2522	9,0	108,3	"	"	"	"	"	"	"	



Datum	Zeit UTC	Druck s	Laenge W	Tiefe PS	Tiefe HS	Geschwindigkeit m	Kurs	Wache	Freq PS	Puls	Rec Length	Wart Time	Deso Roll	Tape Nr.	Bemerkung
15.1.	00:45	69° 59,7	11° 12,1	2566	2539	9,2	121,1	Sh. Schman	4	2	137	0	4	22	
	01:00	70° 00,7	06,4	2563	2532	9,1	114,2	"	"	"	"	"	"	"	
	01:15	01,8	00,5	2747	2778	9,9	122,5	"	"	"	"	"	"	"	
	01:30	07,0	10° 54,8	2849	2820	9,5	119,7	"	"	"	"	"	"	"	neue Topographie
	01:45	03,9	48,5	2684	2651	9,1	104,7	"	"	"	266	"	"	"	Taste auf 200 gedrückt
	02:00	05,3	40,7	2604	2577	9,6	128,2	"	"	"	"	"	"	"	
	02:15	05,7	37,5	2609	2578	6,1	108,8	"	"	"	"	"	"	"	
	02:30	06,7	31,9	2505	2474	9,5	115,9	"	"	"	"	"	"	"	Tapewechsel 02:14 Tape 21 -> Tape 2
	02:45	08,0	27,0	2426	2396	8,6	111,8	"	"	"	133	"	"	"	Fenster wieder auf 100
	03:00	08,7	21,6	2376	2344	7,7	106,0	"	"	"	"	"	"	"	
	03:15	09,3	17,2	2329	2300	8,5	115,7	"	"	"	"	"	"	"	Meldet E 64' hat TRP unklar, bear. *
	03:30	10,3	11,9	2299	2264	7,7	113,3	"	"	"	"	"	"	"	Tiefenangabe PS siehe Seitenblatt alle 2m
	03:45	11,0	08,1	2268	2233	7,1	125,3	"	"	"	"	"	"	"	Hydrosweep tiefe gelegentlich nicht vorhanden, E62
	04:00	11,9	05,1	2207	2185	7,7	101,4	"	"	"	"	"	"	"	
	04:17	12,8	58,3	2030	2003	9,1	100,7	Hillenbrand	"	"	"	"	"	"	
	04:32	13,4	52,9	/	1916	8,1	126,0	"	"	"	"	"	"	"	04:20: Umschalten auf Modus 1
	04:45	14,4	49,5	/	1947	5,4	136,8	"	"	"	"	"	"	"	-> 04:25 Umschalten auf Modus 4, da nur schlechtes Signal empfangen
	05:00	15,8	09° 47,3	/	1825	8,2	83,3	"	"	"	"	"	"	"	
	05:15	16,3	43,4	/	1633	2,4	87,4	"	"	"	"	"	"	"	
	05:29	16,8	41,0	/	1488	4,0	108,4	"	"	"	"	"	"	"	
	05:45	18,3	40,6	1727	1693	6,3	158,7	"	"	"	"	"	"	"	05:41: erneuter Versuch Umschalten auf Modus 1 -> anschlüssend auf Modus 4, da wieder nur schlechtes Signal
	06:00	19,8	39,2	1719	1742	9,5	154,3	"	"	"	"	"	"	"	
	06:15	21,4	35,5	1759	1622	6,7	110,7	"	"	"	"	"	"	"	05:30: Neustart, da weder Tiefe noch Schrieb vernünftige Werte liefern (Neustart in Modus 1)
	06:30	22,5	31,6	1761	1523	8,0	132,4	"	"	"	"	"	"	"	
	06:46	24,8	29,9	872	888	9,9	168,8	"	"	"	"	"	"	"	
	07:00	26,4	26,5	335	338	5,3	126,8	"	"	"	"	"	"	"	
	07:15	27,0	22,0	313	(26)	7,8	92,4	"	"	"	"	"	"	"	06:05: PARASOUND - Tiefe relativ konst., aber um 200 m tiefer als Hydrosweep; Schrieb dokumentiert nichts mehr außer Rauschen
	07:30	27,1	16,8	322	(26)	5,3	104,7	"	"	"	"	"	"	"	06:35: Tiefe PS ≈ Tiefe HS; Ausstieg Kont.-Hang
	07:45	27,2	13,0	323	(26)	4,5	117,3	"	"	"	"	"	"	"	06:43: Umschalten auf 200m-Fenster 06:58: " " 100m-Fenster, da Schrieb wieder gutes Bild liefert (Schiffleuchte)

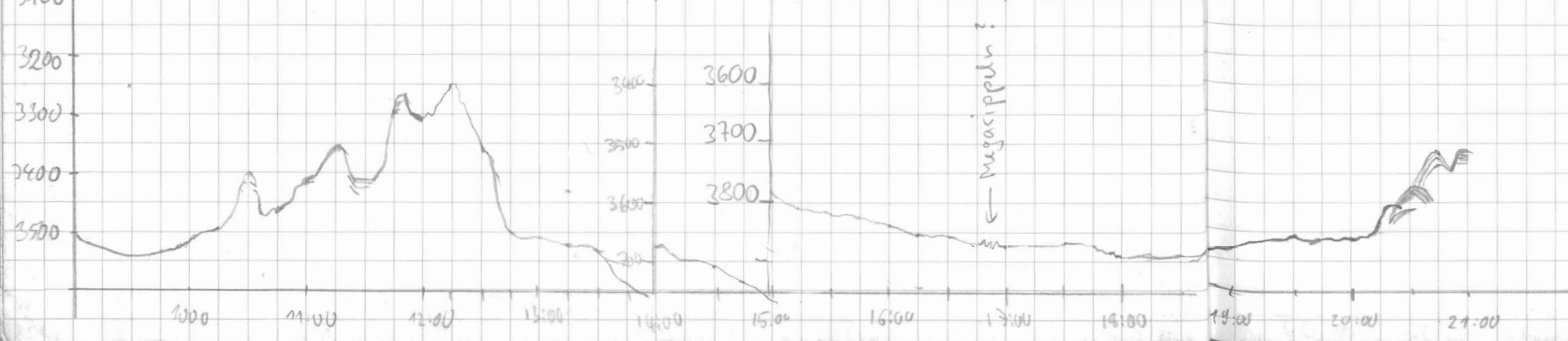
07:46 h : Ende des Profils

07:46 Ende des Profils
Ende Tape 22

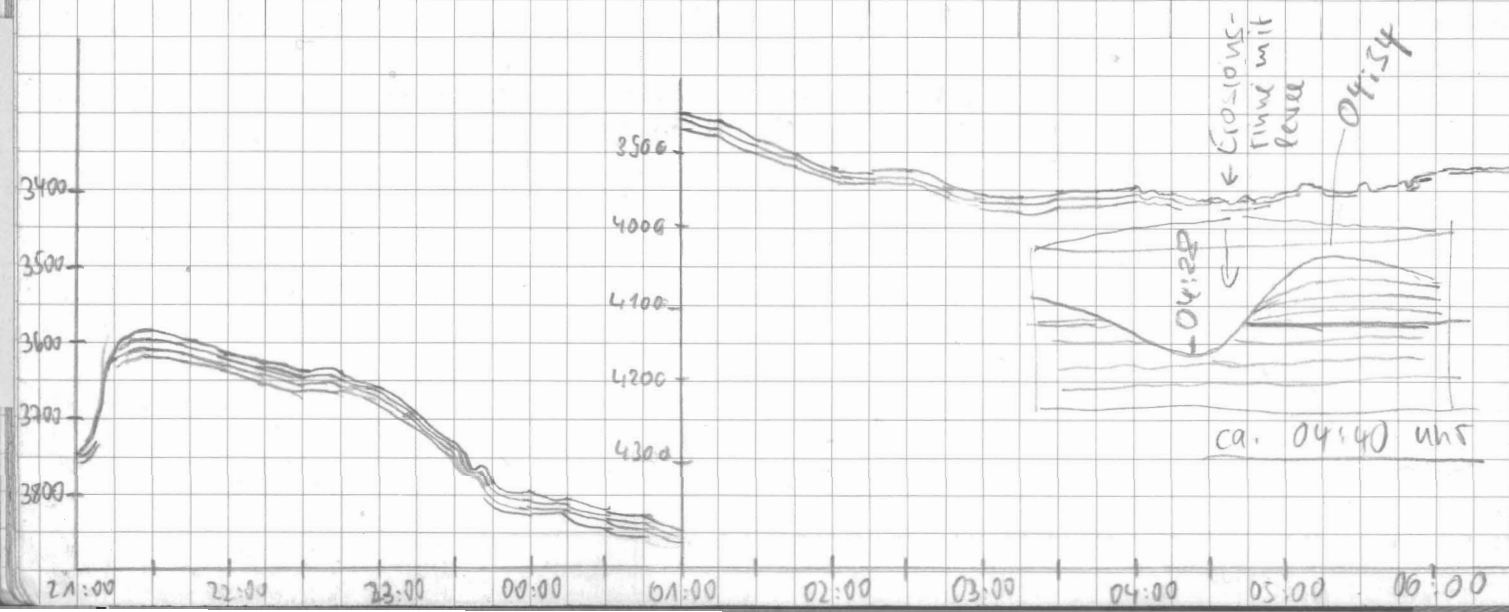


* Tiefe PS ändert sich immer um 200 m tiefer als HS, auf Schreibgerät Tiefenangabe o.k., Probaball (Druck) nicht für Tiefenangabe

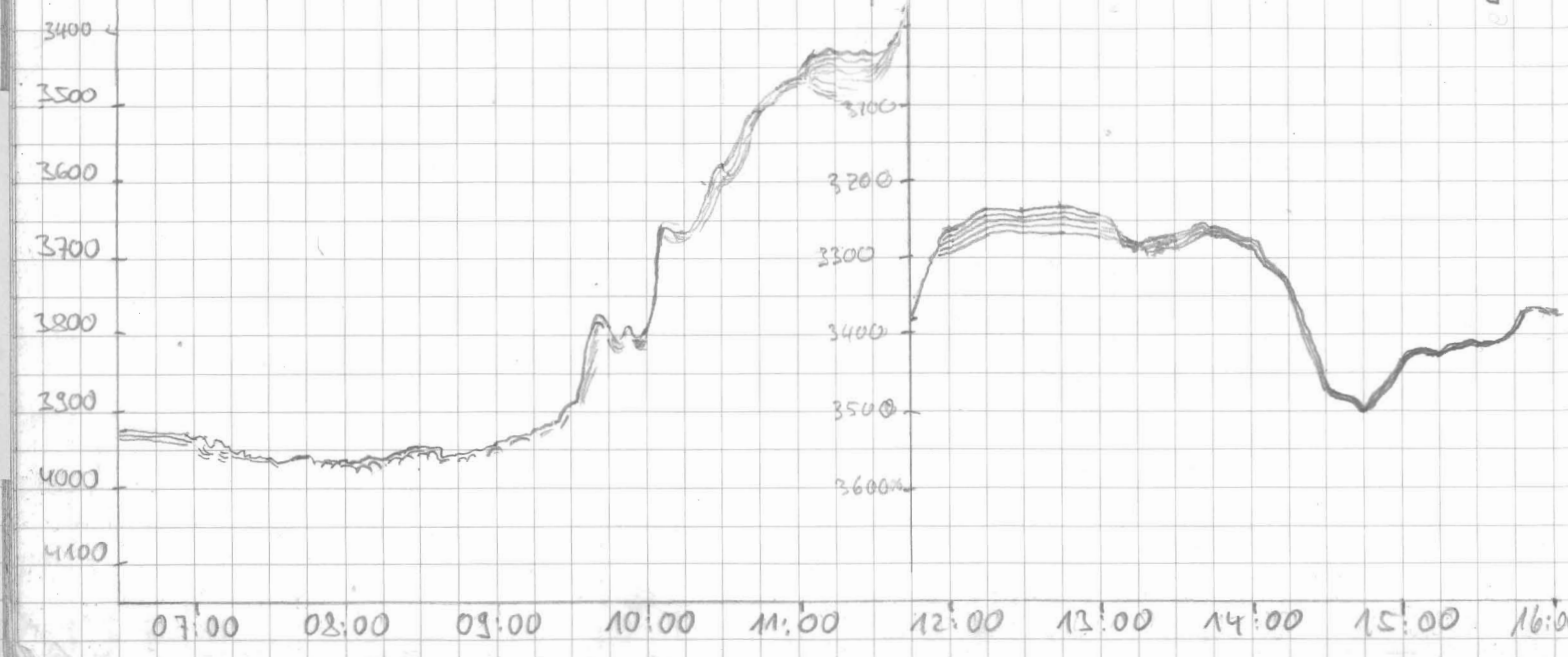
Datum	Zeit UTC	Breite S	Longitude W	Tiefe MS	Tiefe H/S	Genauigkeit km	Kurs	Wache	Frequ. PS	Puls	Rec. Luth	Zeit Prime	Devo. Höhe	Tagez Nr.	Bemerkung
21.1.	9:31	73° 20,4'	24° 40,2'	3539	3420	1,8	21°	Kuhn	4	2	266	0	4	23	PSS-Programm Die: ps 01144 Neustart
	9:53	18,8'	40,5'	-	3568	4,5	70°	"	"	"	133	"	"	"	
	10:00	18,4'	39,9'	3509	3389?	6,1	12,7°	"	"	"	"	"	"	"	
	10:15	17,4'	39,2'	3498	3376	5,7	349°	"	"	"	"	"	"	"	
	10:30	16,1'	37,9'	3393	3288	4,3	352°	"	"	"	"	"	"	"	
	10:45	15,5'	37,2'	3461	3341	6,2	69°	"	"	"	"	"	"	"	
	11:00	15,1'	33,8'	3421	3303	6,4	6,7	"	"	"	"	"	"	"	
	11:15	13,8'	33,0'	3362	3245	2,6	341°	"	"	"	"	"	"	"	
	11:30	12,6'	32,0'	3414	3293	5,2	20,5°	"	"	"	"	"	"	"	
	11:45	11,7'	29,6'	3294	3194	5,5	34,7	"	"	"	"	"	"	"	
	12:00	10,6'	26,9'	3300	3190	7,2	44,1	"	"	"	"	"	"	"	
	12:15	09,8'	25,3'	3247	3138	7,7	23,7	Ustbeck	"	"	"	"	"	"	
	12:30	08,4'	21,8'	3359	3253	8,7	17,9	"	"	"	"	"	"	"	
	12:45	07,1'	18,7'	3496	3377	6,4	6,8	"	"	"	"	"	"	"	
	13:00	05,6'	17,0'	3512	3394	5,2	12,9	"	"	"	"	"	"	"	
	13:15	04,2'	16,2'	3534	3416	5,1	21,8	"	"	"	"	"	"	"	
	13:30	02,8'	13,9'	3542	3433	9,6	353,4	"	"	"	"	"	"	"	
	13:45	01,4'	11,7'	3594	3480	8,9	22,7	"	"	"	"	"	"	"	
	14:00	72° 51,2'	07,9'	3687	3726	5,9	16,7	"	"	"	"	"	"	"	ca 10m Eindringt
	14:15	57,9'	07,2'	3696	3578	5,5	36,3	"	"	"	"	"	"	"	
	14:30	56,2'	05,3'	3762	3587	5,7	41,7	"	"	"	"	"	"	"	
	14:45	55,4'	05,1'	3745	3623	4,6	43,5	"	"	"	"	"	"	"	
	15:00	54,2'	04,8'	3790	3658	6,7	350,4	"	"	"	"	"	"	"	
	15:15	52,9'	05,8'	3811	3680	6,0	359,3	"	"	"	"	"	"	"	
	15:30	51,2'	04,7'	3819	3685	5,8	331,6	"	"	"	"	"	"	"	
	15:45	49,7'	05,8'	3827	3711	6,8	310,0	"	"	"	"	"	"	"	
	16:00	48,6'	08,8'	3840	3710	7,2	332,1	"	"	"	"	"	"	"	
	16:15	47,1'	11,4'	3851	3721	6,2	301,5	Dickmann	"	"	"	"	"	"	
	16:30	45,6'	14,1'	3858	3730	7,1	324,4	"	"	"	"	"	"	"	
	16:45	44,2'	17,7'	3876	3745	7,0	325,0	"	"	"	"	"	"	"	Megacipeln?
	17:00	43,1'	21,9'	3878	3746	7,4	304,7	"	"	"	"	"	"	"	
	17:15	41,9'	24,3'	3875	3744	7,5	311,1	"	"	"	"	"	"	"	
	17:30	41,0'	32,1'	3870	3748	8,7	294,8	"	"	"	"	"	"	"	
	17:45	40,0'	39,4'	3871	3768	9,7	296,3	"	"	"	"	"	"	"	
	18:00	38,9'	46,7'	3890	3815	9,4	294,2	"	"	"	"	"	"	"	
	18:15	38,1'	52,9'	3889	3842	6,4	273	Kuhn	"	"	"	"	"	"	Reflektor in 3m Tiefe
	18:30	38,0'	58,9'	3883	3845	7,5	274	"	"	"	"	"	"	"	
	18:45	38,1'	25° 04,6'	3897	3854	7,7	293	"	"	"	"	"	"	"	
	19:00	39,2'	10,1'	3884	3848	7,9	228°	"	"	"	"	"	"	"	
	19:30	40,7'	21,1'	3889	3856	6,1	273°	"	"	"	"	"	"	"	
	19:45	40,2'	26,0'	3876	3830	4,6	320	"	"	"	"	"	"	"	
	20:00	38,9'	28,3'	3875	3830	7,2	343	Hillebrand	"	"	"	"	"	"	20:22h Wechsel Tape 24 → Tape 23
	20:15	37,3'	31,3'	3845	3794	7,9	311	"	"	"	"	"	"	24	20:25h Eindringtiefe (Levee) ~ 30m
	20:30	36,0'	36,2'	3775	3735	7,8	316	"	"	"	"	"	"	"	20:52 Channel (~ 35m tief)
	20:45	34,6'	40,9'	3741	3684	7,9	315	"	"	"	"	"	"	"	



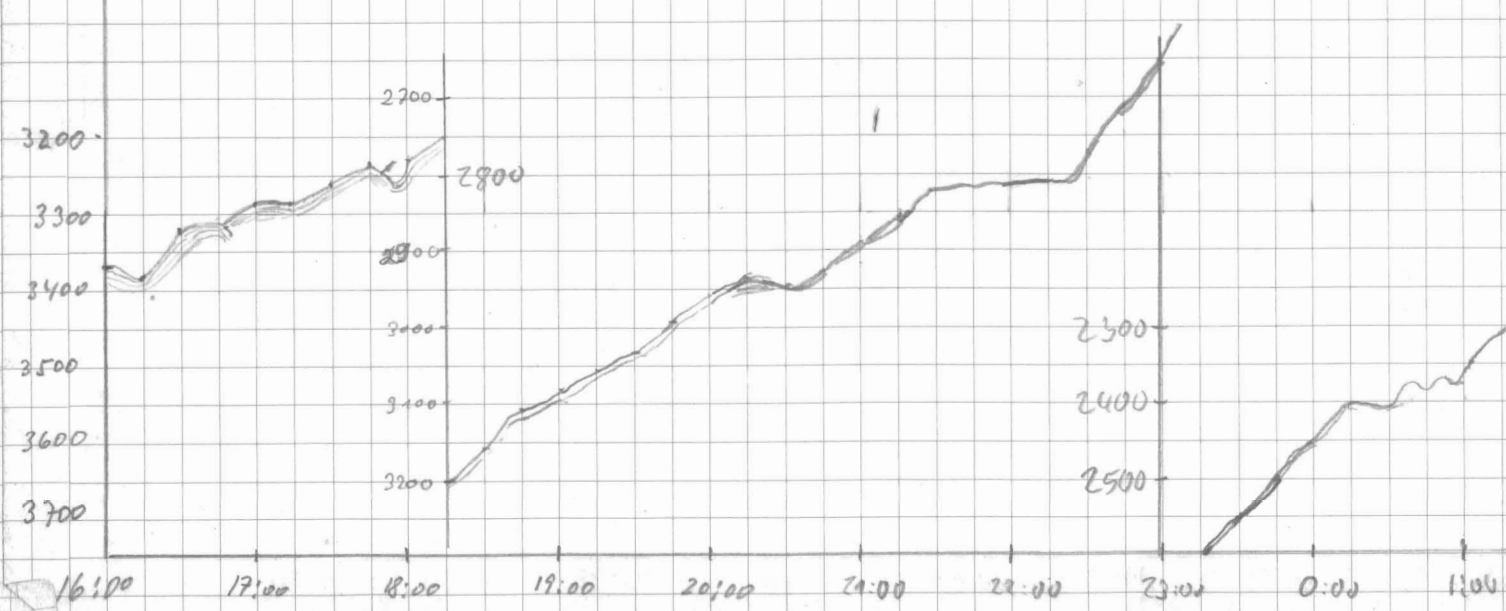
Datum	Zeit UTC	Breite s	Länge W	Tiefe PS	Tiefe HS	Geschw. Km.	Kurs °	Wache	Frequ. PS	Pulse	Rec Length	Wait Time	Deso-Kolle	Tape Nr	
21.01.97	21:00	72° 33,2'	25° 44,9'	3724	3665	7,2	310,0	Hillenbrand	4	2	133	0	4	24	
	21:15	" 32,5	" 49,6	3621	3569	7,4	270,1	"	"	"	"	"	"	"	Eindringtiefe ~ 30 m
	21:30	" 32,4	" 54,2	3579	3522	6,3	262,5	"	"	"	"	"	"	"	
	21:45	" 32,5	" 59,4	3595	3551	5,9	267,7	"	"	"	"	"	"	"	
	22:00	" 32,4	26° 05,1	3616	3573	7,5	263,1	"	"	"	"	"	"	"	
	22:15	" 32,8	" 11,1	3629	3585	7,8	256,0	"	"	"	"	"	"	"	
	22:30	" 33,3	" 17,8	3632	3602	7,9	256,4	"	"	"	"	"	"	"	
	22:45	" 33,8	" 23,9	3632	3593	7,9	256,4	"	"	"	"	"	"	"	
	23:00	" 34,6	" 29,5	3655	3616	8,0	235,7	"	"	"	"	"	"	"	
	23:15	72° 35,6	26° 35,3	3691	3653	7,2	242,8	N.L.	4	2	133	0,0	4	24	
23:31	36,4	41,1	3732	3697	7,6	241,4	Hillenbrand	"	"	"	"	"	"		
23:45	37,2	46,2	3782	3742	7,9	239,0	"	"	"	"	"	"	"		
22.01.97	00:00	72° 38,2	26° 52,2	3795	3759	8,1	247,5	St. Schumacher	"	"	"	"	"	"	Eindringtiefe ca. 25 m
	00:15	72° 39,3	26° 58,2	3809	3777	8,1	239,5	"	"	"	"	"	"	"	"
	00:30	72° 40,7	27° 03,7	3821	3787	8,2	240,1	"	"	"	"	"	"	"	"
	00:45	72° 41,3	27° 10,0	3835	3799	8,1	240,1	"	"	"	"	"	"	"	"
	01:00	72° 42,0	27° 16,0	3851	3814	8,1	248,4	"	"	"	"	"	"	"	"
	01:15	72° 42,4	27° 22,6	3868	3832	8,1	259,1	"	"	"	"	"	"	"	"
	01:30	72° 42,4	27° 29,2	3889	3851	7,9	270,0	"	"	"	"	"	"	"	Eindringtiefe ca. 20 m
	01:45	72° 42,4	27° 36,2	3906	3868	8,0	267,9	"	"	"	"	"	"	"	"
	02:00	72° 42,4	27° 42,8	3920	3884	8,1	268,5	"	"	"	"	"	"	"	"
	02:15	72° 42,5	27° 49,0	3928	3892	7,1	269,7	"	"	"	"	"	"	"	Deso-Polle taucht
	02:30	72° 42,4	27° 55,0	3926	4180	7,0	306,9	"	"	"	"	"	"	"	Hydro-Sweep Tiefe 2 T. Korpus
	02:45	72° 41,6	28° 00,9	3953	3947	7,9	275,4	"	"	"	"	"	"	"	"
	03:00	72° 41,4	28° 06,8	3960	3924	6,9	279,0	"	"	"	"	"	"	"	Eindringtiefe knapp 20 m
	03:15	72° 41,2	28° 12,4	3962	3926	5,7	280,0	"	"	"	"	"	"	"	"
	03:30	72° 40,9	28° 17,3	3958	3922	6,7	278,7	"	"	"	"	"	"	"	"
	03:45	72° 40,7	28° 23,3	3953	3914	7,7	272,9	"	"	"	"	"	"	"	"
	04:00	72° 40,4	28° 28,7	3948	3913	6,8	278,9	"	"	"	"	"	"	"	"
	04:15	38,9	35,0	3955	3918	7,2	290,3	Diekmann	"	"	"	"	"	"	"
	04:30	38,2	40,2	3963	3926	7,1	291,5	"	"	"	"	"	"	"	Eindringtiefe ca. 10 m
	04:45	38,6	47,0	3955	3914	7,6	291,2	"	"	"	"	"	"	"	"
05:00	38,0	52,4	3949	3908	6,6	286,8	"	"	"	"	"	"	"	"	
05:15	37,5	57,4	3946	3909	5,9	292,3	"	"	"	"	"	"	"	"	
05:30	36,9	29° 02,1	3947	3912	7,0	284,6	"	"	"	"	"	"	"	"	
05:45	36,6	06,9	3938	3904	6,3	267,5	"	"	"	"	"	"	"	"	
06:00	36,7	12,6	3928	3875	6,4	272,4	"	"	"	"	"	"	"	"	
06:15	36,6	17,5	3923	3895	5,7	284,1	"	"	"	"	"	"	"	"	



Datum	Zeit UTC	Brink (°S)	Länge (°W)	Tiefe PS	Tiefe HS	Geschw. (km)	Kurs (°)	Wache	Freq. PS	Pulse	Rec-length	Wait Time	Deso-Rolle	Tape-Nr.	Bemerkung
22.137	06:30	72° 35.9'	29° 22.0'	3923	3892	5.8	283.2	Dickmann	4	2	133	0	4	24	5:50 - 6:45 keine Deso-Anzeige.
	06:45	35.1'	26.7'	3923	3892	7.1	299.3	"	"	"	"	"	"	25	6:46 - 6:50 Bandwechsel
	07:00	34.7'	32.1'	3933	3902	7.4	250.9	"	"	"	"	"	"	"	
	07:15	35.3'	37.8'	3955	3924	7.1	263.2	"	"	"	"	"	"	"	
	07:30	35.2'	42.2'	3962	3927	7.0	279.3	"	"	"	"	"	"	"	
	07:45	35.2'	48.6'	3961	3920	7.0	256.8	"	"	"	"	"	"	"	
	08:00	34.6'	53.4'	3972	3933	6.4	290.0	"	"	"	"	"	"	"	
	08:15	34.6'	59.0'	3961	3926	6.9	265.1	Hillenbrand	4	"	"	"	"	"	Eindringtiefe < 10m
	08:30	34.6'	30° 05.4'	3947	3908	7.6	257.7	"	"	"	"	"	"	"	
	08:45	34.9'	11.1'	3958	3917	7.1	243.3	"	"	"	"	"	"	"	
	09:00	35.8'	16.7'	3943	3881	7.5	242.1	"	"	"	"	"	"	"	
	09:15	36.0'	22.6'	3925	3893	7.2	285.3	"	"	"	"	"	"	"	
	09:30	35.5'	27.3'	3890	3854	6.7	286.2	"	"	"	"	"	"	"	
	09:45	35.5'	32.4'	3776	3754	7.8	243.5	"	"	"	"	"	"	"	
	10:00	36.4'	37.1'	3796	3764	8.0	231.6	"	"	"	"	"	"	"	
	10:15	37.8'	42.7'	3662	3629	7.7	262.7	Ulsbeck	"	"	"	"	"	"	
	10:30	39.0'	46.5'	3586	3556	7.9	234.1	"	"	"	"	"	"	"	Eindringtiefe ~ 30m
	10:45	39.9'	52.0'	3502	3476	7.7	251.4	"	"	"	"	"	"	"	
	11:00	40.7'	56.7'	3471	3442	6.4	227.9	"	"	"	"	"	"	"	11:07: 50m
	11:15	41.6'	31° 01.9'	3425	3396	6.9	216.5	"	"	"	"	"	"	"	
	11:30	42.9'	05.1'	3429	3464	5.2	224.2	"	"	"	"	"	"	"	Eindringtiefe < 20m
	11:45	44.0'	09.4'	3378	3354	7.7	243.5	"	"	"	"	"	"	"	
	12:00	45.3'	13.6'	3252	3221	5.7	188.4	"	"	"	"	"	"	"	Eindringtiefe ~ 30m - 40m
	12:15	46.6'	15.0'	3238	3209	6.7	203.2	Kuhn	"	"	"	"	"	"	
	12:30	48.0'	16.7'	3242	3215	5.5	196	"	"	"	"	"	"	"	
	12:45	49.2'	18.6'	3236	3211	5.3	193	"	"	"	"	"	"	"	
	13:00	50.2'	20.5'	3245	3206	4.8	206	"	"	"	"	"	"	"	
	13:15	51.4'	21.7'	3272	3242	5.1	207.5	"	"	"	"	"	"	"	
	13:30	52.6'	23.3'	3269	3239	6.0	206	"	"	"	"	"	"	"	
	13:45	53.8'	24.2'	3268	3243	5.3	176	"	"	"	"	"	"	"	
	14:00	72° 55.1' S 31° 25.1' W	25.1' W	3297	3270	5.7	200	NL	4	2	133	0.0	4	25	
	14:15	56.4'	26.4'	3388	3322	5.7	190	"	"	"	"	"	"	"	
	14:30	57.8'	28.0'	3474	3436	5.3	203	"	"	"	"	"	"	"	
	14:45	59.0'	29.6'	3469	3445	5.5	197	"	"	"	"	"	"	"	
	15:00	73° 00.2' S 31° 30.2' W	30.2' W	3418	3402	4.4	159	"	"	"	"	"	"	"	15:00 Deso ausfall
	15:15	01.5'	31.7'	3424	3400	4.6	210	"	"	"	"	"	"	"	
	15:30	02.6'	33.9'	3409	3390	5.3	229	"	"	"	"	"	"	"	
	15:45	03.8'	36.3'	3369	3349	5.4	188	"	"	"	"	"	"	"	15:40 Deso o.k.
	16:00	05.1'	38.1'	3373	3334	5.0	206.8	Wohlschlag	"	"	"	"	"	"	



DATE	TIME UTC	LAT	LONG	DEPTH PS	DEPTH HS	SPEED UN	COURSE	NACHE	FREQ PS	PULSE	REC LENGTH	WAIT TIME	DESO Rolle	TAPE	ZEMERKUNGEN
22.1.	16:15	73° 05.9	31° 40.1'	3388	3350	4.5	222.5	Wohlenburg	4	2	133	0	4	25	Kreisschwankungen erheblich Wj. Eis?
	30	06.8	41.6	3322	3294	3.6	202.9	"	"	"	"	"	"	"	
	45	07.4	43.3	3302	3270	3.6	207.4	"	"	"	"	"	"	"	
	17:00	08.5	45.8	3296	3263	4.6	201.9	"	"	"	"	"	"	"	
	15	09.6	47.5	3297	3258	7.7	209.2	"	"	"	"	"	"	"	Schiffgeschwindigkeit nahezu verdoppelt
	30	11.2	50.2	3260	3234	7.6	203.1	"	"	"	"	"	"	"	
	45	12.7	52.6	3240	3215	6.4	205.6	"	"	"	"	"	"	"	
	18:00	73° 14.4	31° 54.8	3233	3199	6.9	197.9	St. Schumacher	"	"	"	"	5	"	18:04 Wechsel Deso Rolle 4-5
	15	16.1	56.7	3201	3160	6.7	198.6	"	"	"	"	"	"	"	18:24 Wechsel Tape 25 -> Tape 26
	30	17.6	58.3	3163	3129	5.8	219.8	"	"	"	"	"	"	26	
	45	18.7	32° 02.0	3118	3085	5.7	204.3	"	"	"	"	"	"	21K	
	19:00	20.3	04.7	3084	3050	6.7	203.8	"	"	"	"	"	"	"	Reflektion z. T. stark gestört
	19:15	21.8	06.7	3055	3023	7.4	215.7	"	"	"	"	"	"	"	
	19:30	23.5	08.7	3020	2998	8.5	206.0	"	"	"	"	"	"	"	
	19:45	24.4	11.3	2993	2959	7.0	181.5	"	"	"	"	"	"	"	
	20:00	26.2	12.7	2969	2937	6.2	184.8	"	"	"	"	"	"	"	
	15	27.3	14.7	2943	2917	6.0	246	Kulm	"	"	"	"	"	"	
	30	27.5	19.0	2950	2918	5.2	232	"	"	"	"	"	"	"	wedge-shape seabottom
	20:45	28.9	19.7	2921	2887	6.0	193	"	"	"	"	"	"	"	
	21:00	30.7	21.3	2885	2854	7.0	200	"	"	"	"	"	"	"	
	15	32.2	22.7	2852	2820	6.3	176	"	"	"	"	"	"	"	
	30	33.2	22.2	2826	2794	7.2	345	"	"	"	"	"	"	"	
	22:00	33.3	22.7	2824	2793	7.0	344	"	"	"	"	"	"	"	
	15	33.5	22.5	2816	2784	7.8	286	"	"	"	"	"	"	"	
	30	34.9	21.8	2772	2742	9.1	127	"	"	"	"	"	"	"	
	45	36.9	22.8	2715	2681	7.2	199	"	"	"	"	"	"	"	
	23:00	38.6	21.9	2656	2626	6.6	134	"	"	"	"	"	"	"	
	17	40.6	19.7	2600	2606	8.1	198	"	"	"	"	"	"	"	
	30	41.9	21.7	2557	2530	6.8	199	"	"	"	"	"	"	"	
	45	43.9	20.9	2495	2465	9.3	181	"	"	"	"	"	"	"	
23.1.	24:00	45.2	24.1	2447	2419	8.8	246	Detrick	"	"	"	"	"	"	
	15	46.3	28.9	2432	2402	8.7	250	"	"	"	"	"	"	"	
	30	47.1	33.7	2413	2383	7.7	206	"	"	"	"	"	"	"	
	45	48.1	36.0	2381	2400	5.6	182	"	"	"	"	"	"	"	
	01:00	49.6	36.0	2363	2400	6.8	176	"	"	"	"	"	"	"	
	15	50.0	36.8	2303	2273	2.3	205	"	"	"	"	"	"	"	



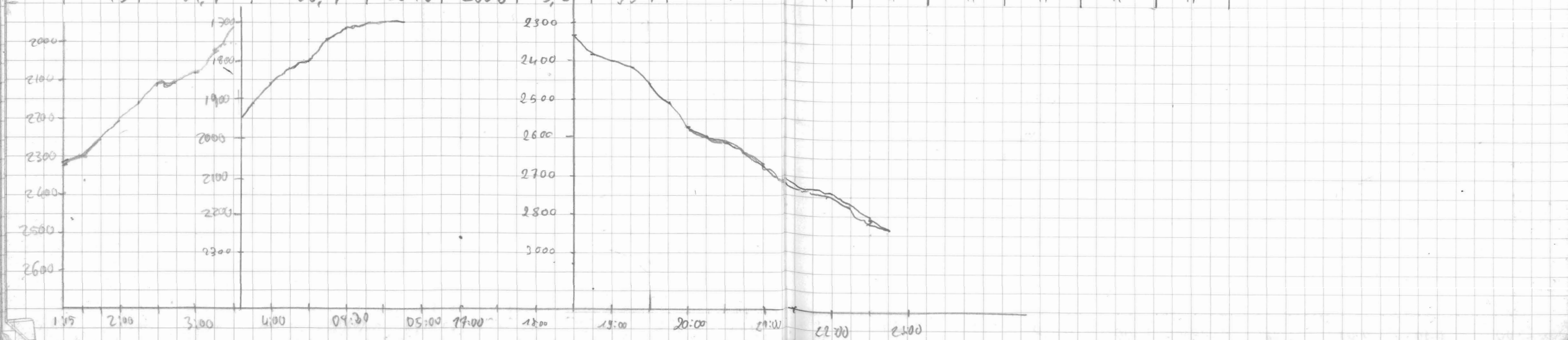
DATE	Zeit	Lat	Long	Tiefe PS	Tiefe HS	Speed kn	Kurs	Wader	Freq PS	Puls	Rec Length	Watt time	Desc Rolle	Typ
23.1.	01:30	73°50,0	32°36,9	2303	2271	2,4	201,7	Usbeck	4	2	133	-0	5	26
	:45	51,1	37,9	2260	2231	7,0	181,0	"	"	"	"	"	"	"
	02:00	52,3	39,2	2203	2176	5,9	165,0	"	"	"	"	"	"	"
	:15	53,4	40,7	2160	2133	5,6	242,9	"	"	"	"	"	"	"
	:30	54,6	43,8	2113	2149	0,4	184,5	"	"	"	"	"	"	"
	:45	54,8	45,7	2103	2078	0,2	202,9	"	"	"	"	"	"	"
	03:00	55,3	46,0	2082	2054	7,8	206,4	"	"	"	"	"	"	"
	:15	56,8	47,8	2029	2004	5,3	215,6	"	"	"	"	"	"	"
	:30	58,2	47,4	-	1987	2,9	189,2	"	"	"	"	"	"	"
	:45	58,9	48,1	-	-	7,5	215,5	"	"	"	"	"	"	"
	04:00	74°00,2	49,0	-	1854	5,2	146,4	"	"	"	"	"	"	"
	04:15	74°01,1	50,7	-	1820	6,7	218,4	Hillebrand	"	"	"	"	"	"
	04:30	02,0	52,0	-	1784	4,0	183,3	"	"	"	"	"	"	"
	04:45	03,1	53,6	1747	1724	5,3	201,6	"	"	"	"	"	"	"
	05:00	03,6	54,4	1722	1701	1,9	205,7	"	"	"	"	"	"	"
	05:15	03,7	54,7	1717	1637	1,4	203,8	"	"	"	"	"	"	"
	05:30	03,7	54,9	/	1694	0,3	265,3	"	"	"	"	"	"	"
	05:45	03,8	55,3	1710	1690	3,4	207,3	"	"	"	"	"	"	"
	06:00	04,1	56,0	/	1689	2,0	38,9	"	"	"	"	"	"	"
	06:15	04,2	56,6	1700	1681	0,7	248,4	"	"	"	"	"	"	"

Keine PS-Tiefe
 HS offensichtlich falsche Tiefe
 04:05 h:
 Umschalten auf Modus 1
 04:10 h: Tiefe PS geteilt, aber
 Schrieb mangelhaft, daher → Modus 4
 04:38: Umschalten auf Modus 1, da
 Schrieb ebenfalls mangelhaft
 05:00: Speed ≈ 0 kn wg. schwieriger
 Eissituation
 05:30: PS keine Tiefenangabe, kein Mitschrieb
 ca. 06:10 h: Polarstern stoppt
 06:30 h: Deso u. Aufzeichnungen off

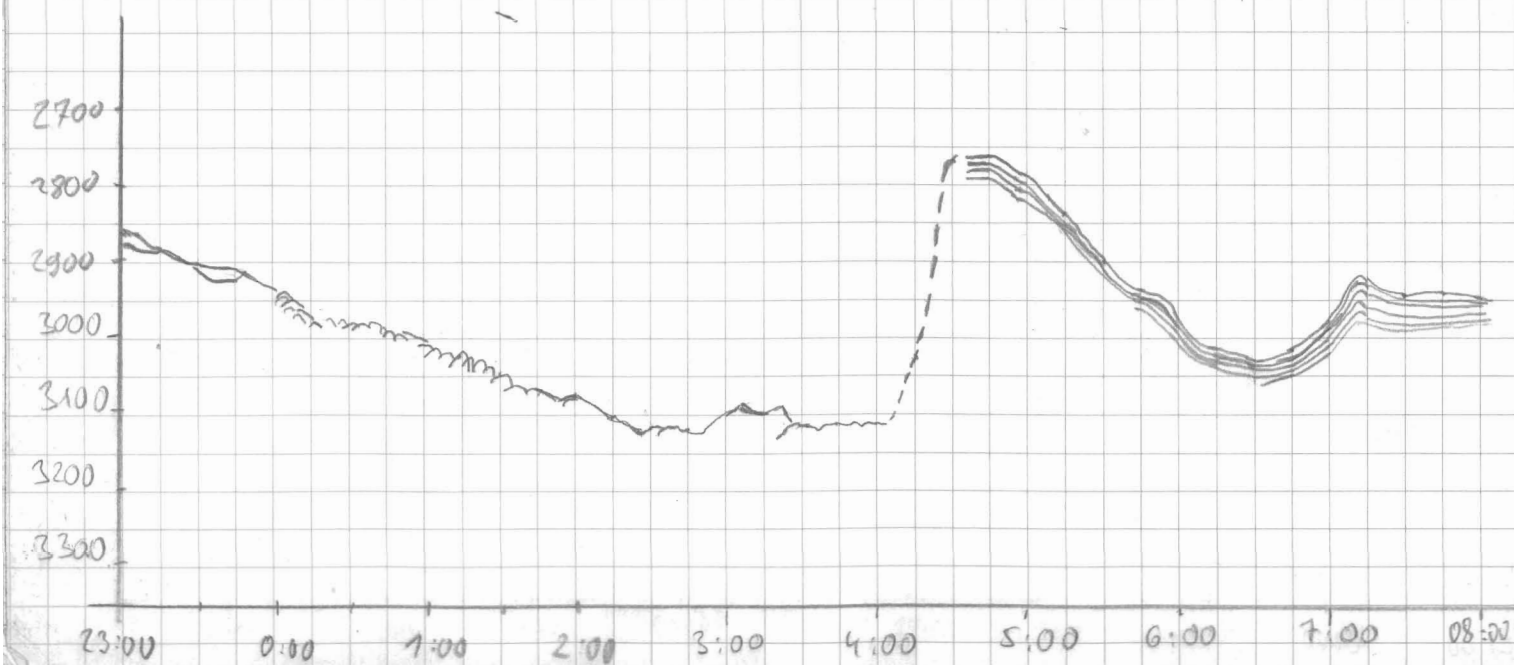
24.1.	17:00	73°52,9'	33°23,9'	2278	2252	0,4	352	Kulm	"	"	"	"	"	"
	18:33	73°51,1	33°27,7	2339	2312	6,3	13,8	H. Schmecke	"	"	"	"	"	"
	18:45	73°49,9	33°28,7	2388	2377	2,7	333,7	"	"	"	"	"	"	"
	19:00	73°49,6	33°28,4	2393	2364	2,2	335	"	"	"	"	"	"	"
	19:15	73°49,2	33°30,3	2412	2383	5,4	2,2	"	"	"	"	"	"	"
	19:30	73°47,7	33°32,6	2461	2411	4,6	24,3	"	"	"	"	"	"	"
	19:45	73°46,6	33°31,1	2504	2475	6,5	16,0	"	"	"	"	"	"	"
	20:00	73°45,1	33°30,5	2571	2542	5,1	17,7	"	"	"	"	"	"	"
	:15	49,0	30,7	2598	2832	4,7	5,0	Kulm	"	"	"	"	"	"
	:30	43,4	31,3	2616	-	5,3	5,3	"	"	"	"	"	"	"
	:45	42,6	33,5	2646	2614	7,8	286	"	"	"	"	"	"	"
	21:00	41,4	30,5	2676	2639	8,0	53,5	"	"	"	"	"	"	"
	:16	40,5	26,3	2690	2657	6,6	43,6	"	"	"	"	"	"	"
	:30	39,3	26,2	2725	2689	0,5	320	"	"	"	"	"	"	"
	22:00	38,8	32,0	2740	2703	5,6	342	"	"	"	"	"	"	"
	:15	- 37,2	33,6	2772	2744	8,1	334	"	"	"	"	"	"	"
	:30	35,3	34,6	2821	2782	1,8	341	"	"	"	"	"	"	"
	:45	34,4	36,7	2840	2806	5,3	337	"	"	"	"	"	"	"

Ständige Kusschwarmkunge
 18:54 bis 18:56 Rückwärts 18:57 bis 18:59
 19:00 bis 19:06 Rückwärts Kurs 299,0

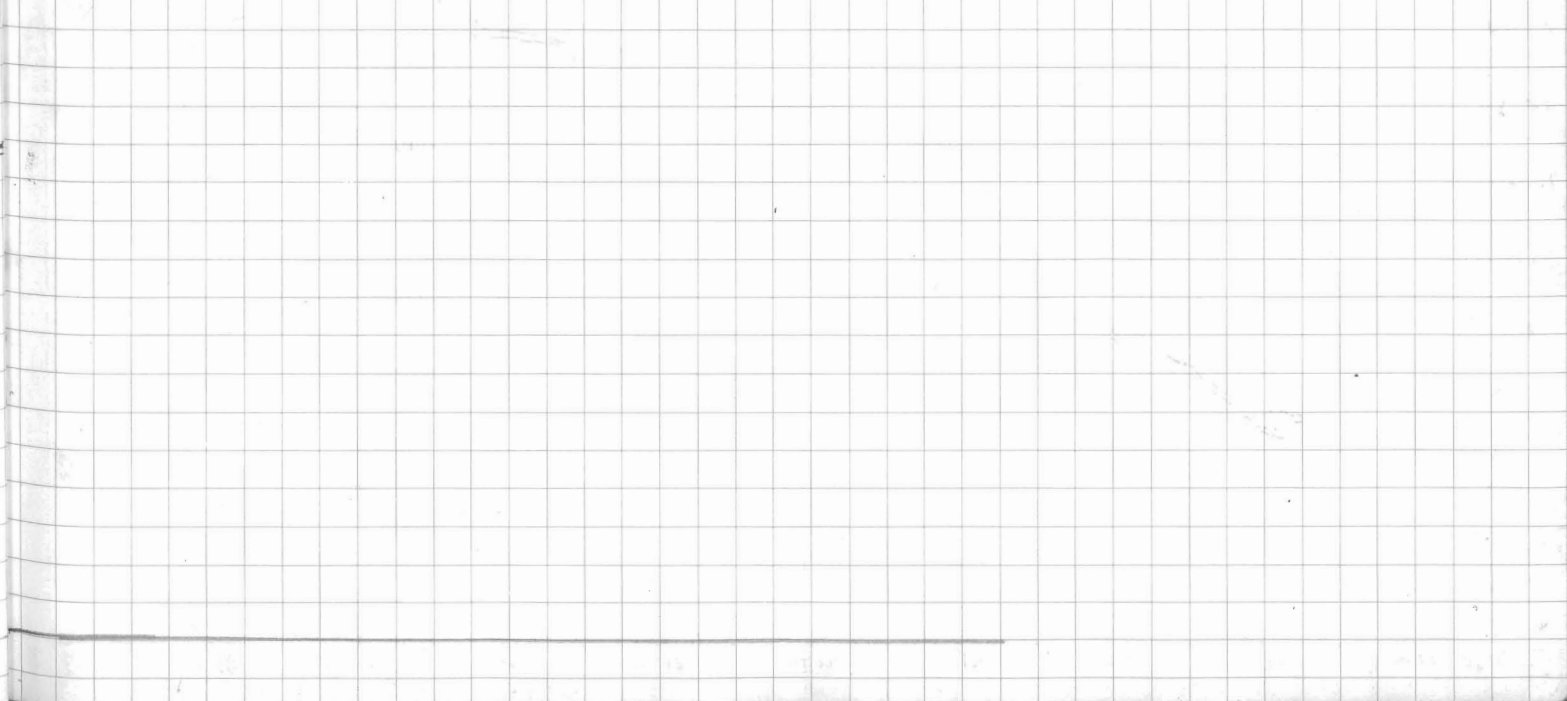
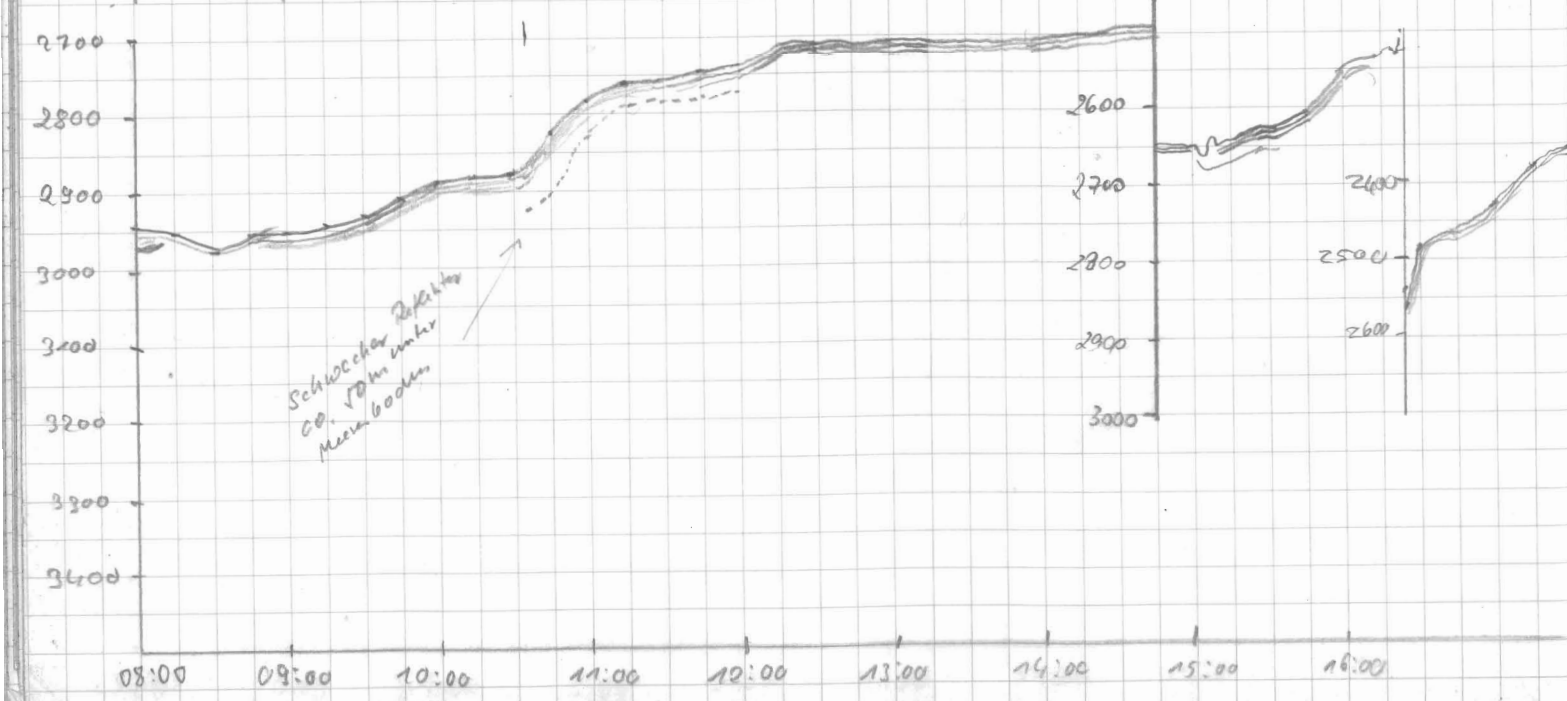
Eisbrechen



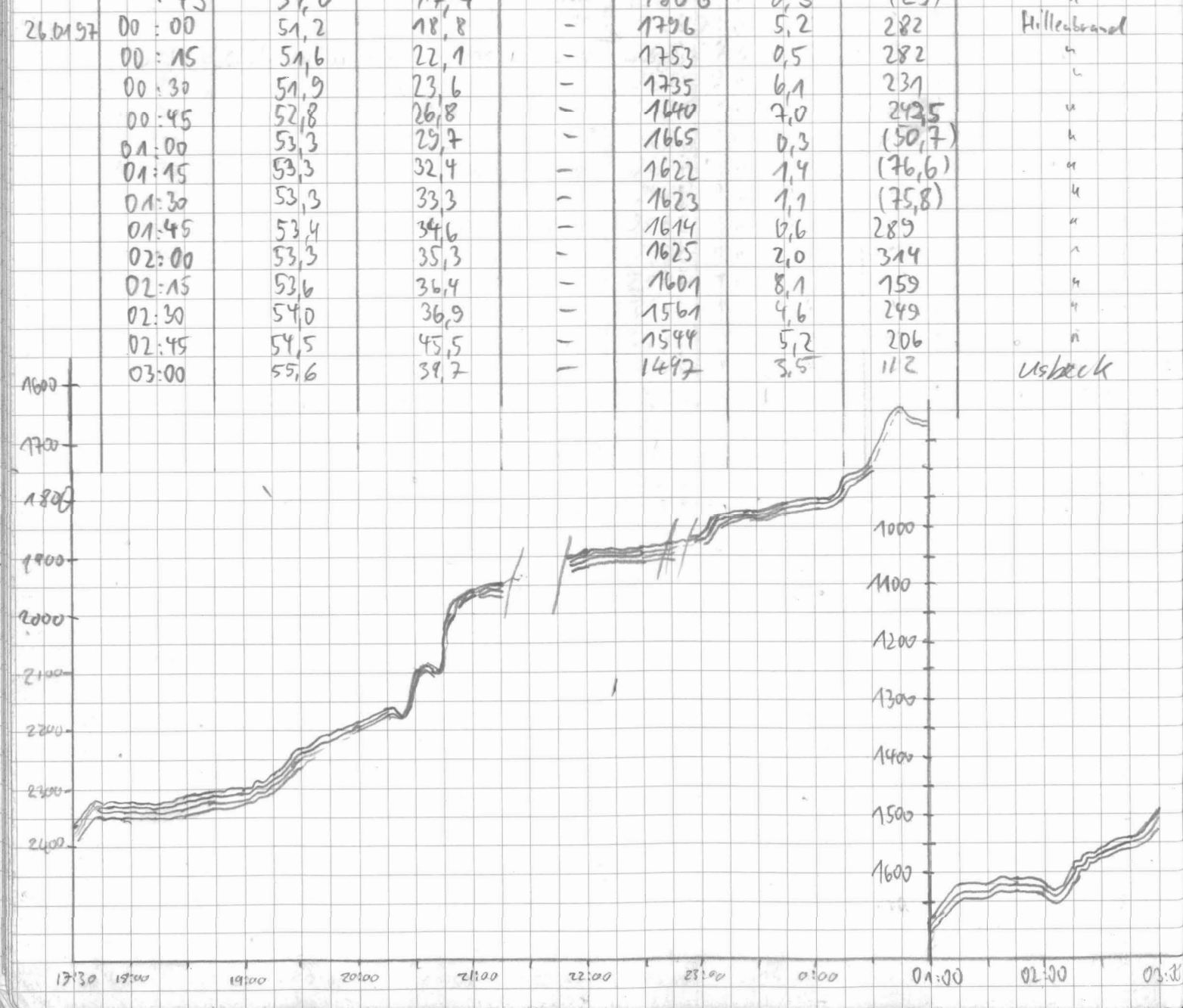
Datum	Zeit UTC	Breite S	Longitude W	Tiefe PS	Tiefe HS	Geschwindigkeit km	MWS	Wache	Freq. FS	Puls	Rec Length	Wait time	Dose Koll	Tape	Bemerkung
24.1.	23:00	73° 33,6'	33° 39,7'	2863	2825	3,4	332	Kulm	4	2	133	0	5	26	
	:15	32,7'	39,7'	2878	2840	5,2	344	"	"	"	"	"	"	"	
	:30	31,5'	41,9'	2903	2867	6,2	325	"	"	"	"	"	"	"	
	:45	31,2'	45,5'	2915	2875	5,4	302	"	"	"	"	"	"	27	
25.1.	00:00	31,0'	47,4'	2922	2886	4,6	282	Dielmann	"	"	"	"	"	"	Start Tape 27
	00:15	30,9'	52,0'	2938	2902	5,8	288	"	"	"	"	"	"	"	Eindringtiefe ~ 10m
	00:30	30,0'	55,7'	2968	2930	5,8	306	"	"	"	"	"	"	"	
	00:45	29,7'	58,0'	2982	2945	6,0	269	"	"	"	"	"	"	"	
	01:00	29,6'	34° 02,8'	3003	2968	5,8	291	"	"	"	"	"	"	"	
	01:15	28,9'	07,1'	3025	2993	5,3	284	"	"	"	"	"	"	"	
	01:30	28,5'	11,7'	3051	3012	4,1	273	"	"	"	"	"	"	"	
	01:45	28,5'	16,7'	3062	3028	6,3	256	"	"	"	"	"	"	"	
	02:00	28,7'	21,4'	3074	3035	4,9	260	"	"	"	"	"	"	"	
	02:15	28,2'	26,4'	3099	3059	6,5	284	"	"	"	"	"	"	"	
	02:30	28,0'	31,3'	3111	3069	6,2	256	"	"	"	"	"	"	"	
	02:45	28,3'	35,5'	3112	3070	4,2	252	"	"	"	"	"	"	"	
	03:00	28,2'	40,0'	3093	3062	5,7	268	"	"	"	"	"	"	"	
	03:15	27,9'	44,6'	3096	3058	6,5	300	"	"	"	"	"	"	"	
	03:30	27,6'	49,0'	3110	3066	5,7	220	"	"	"	"	"	"	"	
	03:45	27,4'	54,7'	3108	3071	5,6	279	"	"	"	"	"	"	"	
	04:00	27,2'	58,6'	3110	3068	4,3	289	"	"	"	"	"	"	"	
	04:15	26,6'	35° 03,6'	2970	2939	5,0	301	Hillenbrand	"	"	"	"	"	"	
	04:30	26,2'	06,2'	2758	2726	2,1	117	"	"	"	"	"	"	"	04:25 h: Eisbrechen
	04:45	25,8'	09,2'	2757	2727	5,1	286	"	"	"	"	"	"	"	Eindringtiefe ~ 35m
	05:00	25,2'	13,1'	2785	2755	6,6	318	"	"	"	"	"	"	"	
	05:15	24,2'	15,7'	2845	2811	6,5	312	"	"	"	"	"	"	"	
	05:30	23,4'	19,6'	2931	2901	4,4	305	"	"	"	"	"	"	"	Eindringtiefe ~ 15m
	05:45	23,5'	23,7'	2941	(3580?)	4,8	262	"	"	"	"	"	"	"	Eindringtiefe ~ 35m
	06:00	23,5'	28,0'	2982	2948	5,7	274	"	"	"	"	"	"	"	
	06:15	23,3'	32,5'	3020	2982	4,2	263	"	"	"	"	"	"	"	
	06:30	23,5'	35,0'	3016	2981	5,7	255	"	"	"	"	"	"	"	Eindringtiefe ~ 50m-60m
	06:45	23,6'	39,1'	3006	2992	5,1	280	"	"	"	"	"	"	"	
	07:00	23,8'	43,8'	2976	2943	5,2	283	"	"	"	"	"	"	"	
	07:15	23,7'	48,0'	2956	2926	7,2	296	"	"	"	"	"	"	"	
	07:30	23,4'	52,5'	2934	2900	5,5	277	"	"	"	"	"	"	"	
	07:45	23,1'	57,2'	2932	2882	5,2	281	"	"	"	"	"	"	"	
	08:00	23,3'	36° 07,3'	2947	2913	6,0	241,2	St. Schwanenchar	"	"	"	"	"	"	unterer Reflektor bildet "Tasche"



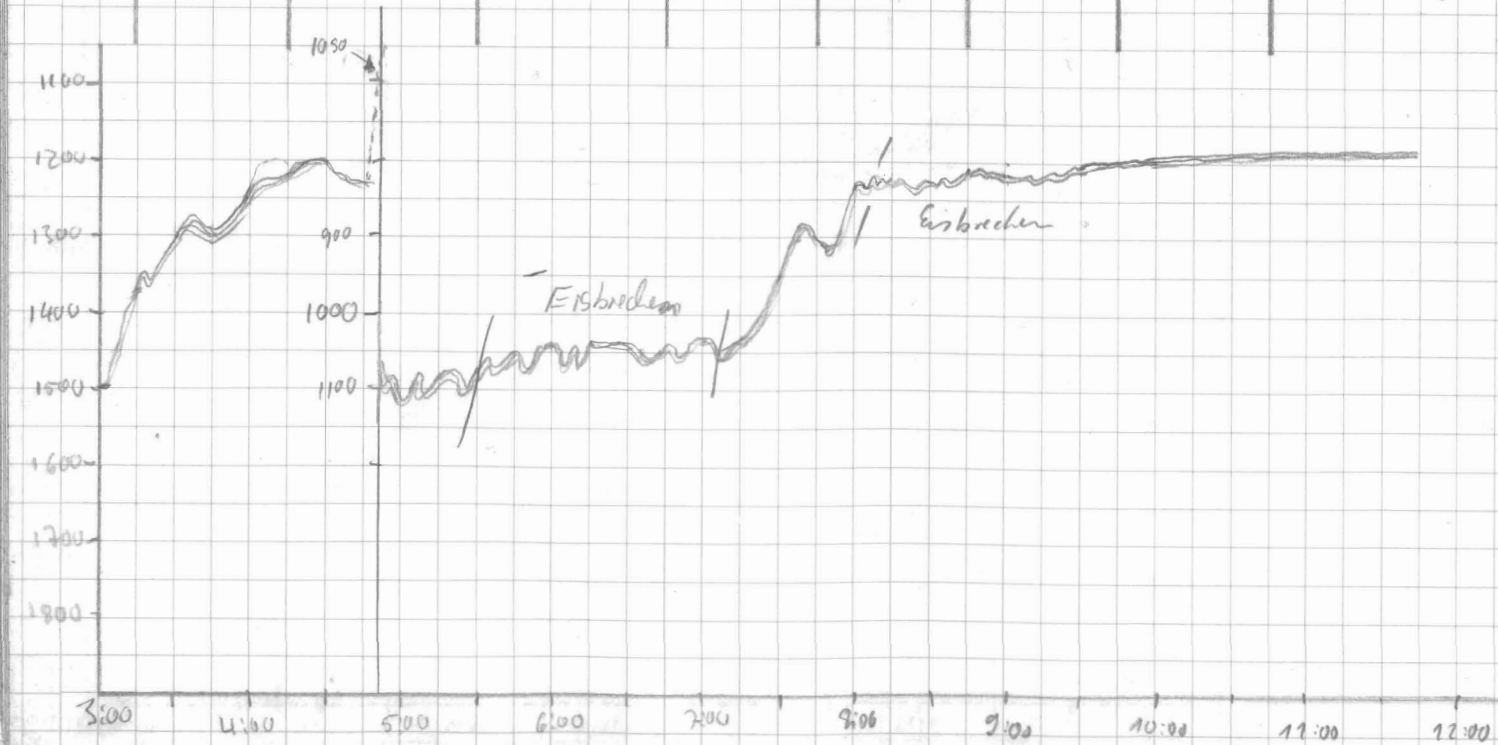
Datum	Zeit UTC	Latitude S	Longitude W	Tiefe PS	Tiefe HS	Geschw. km	Kurs °	Wache	Freq. PS	Puls	Rec Length	Wait Time	Deso Rolle	Tape	
25.1.97	08:15	73° 23,8	36° 05,0	2954	2986	5,0	267,0	St. Schumacher	4	2	133	0	5	27	
	08:30	24,4	08,2	2958	2924	4,9	220,0	"	"	"	"	"	"	"	Eintrittstiefe ca. 20m
	08:45	25,2	12,6	2979	2943	5,9	223,7	"	"	"	"	"	"	"	
	09:00	25,8	16,6	2962	2930	5,1	242,5	"	"	"	"	"	"	"	
	09:15	26,4	20,2	2944	2909	5,4	246,4	"	"	"	"	"	"	"	
	09:30	26,7	24,6	2933	2897	5,2	242,0	"	"	"	"	"	"	"	
	09:45	27,3	28,4	2901	2865	5,0	217,6	"	"	"	"	"	"	"	
	10:00	27,7	29,1	2894	2861	2,9	186,8	Wohlenberg	4	4	"	"	"	"	Schnelle Aufg. der Sechsindekt + des Kurzes!
	15	28,4	32,2	2890	2854	2,7	(314,7)	"	4	4	"	"	"	"	- " -
	30	28,2	33,2	2878	2842	2,7	265,8	"	4	4	"	"	"	"	Zeitweiliger Stillstand mit Zurücksetzen! (10:20:41)
	45	28,6	37,3	2830	2795	6,1	275,1	"	4	4	"	"	"	"	- " -
	11:00	28,4	41,3	2793	2759	4,3	279,1	"	4	4	"	"	"	"	- " -
	15	28,8	44,4	2764	2732	4,3	204,8	"	4	4	"	"	"	"	- " -
	30	29,1	45,8	2760	2730	1,8	250,2	"	4	4	"	"	"	"	- " -
	45	29,3	46,7	2748	2719	4,0	231,9	"	4	4	"	"	"	"	- " -
	12:00	29,2	49,7	2732	2694	2,9	276,9	"	4	4	"	"	"	"	- " -
	:16	29,8	52,6	2714	-	2,5	219	Kahn	"	"	"	"	"	"	
	:30	29,9	55,9	2711	2680	6,7	286	"	"	"	"	"	"	"	
	:45	29,7	37° 00,9'	2708	2675	4,9	278	"	"	"	"	"	"	"	
	13:00	29,8	4,5'	2703	2674	4,8	250	"	"	"	"	"	"	"	
	:15	30,2	7,7'	2690	2660	3,5	246	"	"	"	"	"	"	"	
	:30	30,5	11,0'	2689	2654	4,5	259	"	"	"	"	"	"	"	
	:45	30,6	13,5'	2680	2649	1,8	251	"	"	"	"	"	"	"	
	14:00	73° 30,9 S	37° 16,0 W	2664	2635	1,3	50	N.L.	4	2	133	0	5	28	Beginn Tape 28 Vor- und Zurücksetzen
	:15	31,1	16,2	2661	2629	3,3	211	"	"	"	"	"	"	"	"
	:30	31,2	17,6	2654	2625	0,7	68	"	"	"	"	"	"	"	"
	:45	31,3	17,8	2653	2626	0,1	332	"	"	"	"	"	"	"	"
	15:00	73° 31,4 S	37° 19,2 W	2648	2619	5,9	246	"	"	"	"	"	"	"	
	:15	31,8	24,1	2648	2618	3,2	249	"	"	"	"	"	"	"	
	:30	32,3	28,6	2623	2593	5,8	248	"	"	"	"	"	"	"	
	:45	32,7	33,7	2600	2570	5,3	248	"	"	"	"	"	"	"	
	16:00	33,3	38,5	2555	2524	3,2	261	Ushack	"	"	"	"	"	"	
	:15	33,5	40,5	2542	2523	4,0	218	"	"	"	"	"	"	"	
	:30	34,5	49,3	2447	2472	7,0	218	"	"	"	"	"	"	"	
	:45	35,3	48,0	2476	2439	6,1	239	"	"	"	"	"	"	"	
	17:00	36,3	51,7	2429	2397	5,5	211	"	"	"	"	"	"	"	
	:15	37,3	53,1	2399	2374	6,6	205	"	"	"	"	"	"	"	
	:30	38,6	55,1	2361	2333	2,7	220	"	"	"	"	"	"	"	



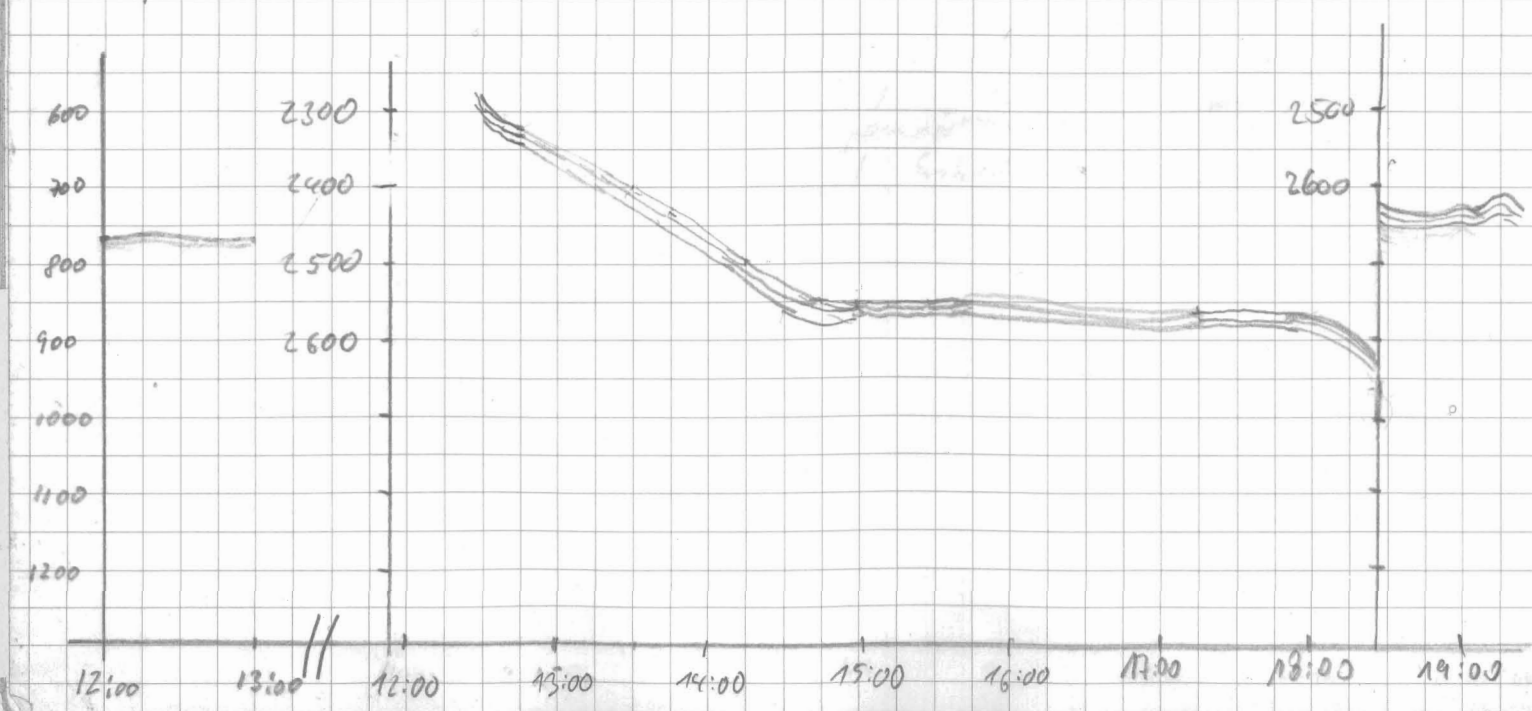
Datum	Zeit UTC	Latitude S	Longitude W	Tiefe 15	Tiefe 15	Geschw. km	Kurs	Wache	Freq. PS	Pulse	Rac. Length	Zeit time	Dra. Tiefe	Tiefe	Bemerkungen
25.01.97	17:45	73° 39,5'	37° 57,7'	2326	2299	5,4	266	Ulsbeck	4	2	133	0	5	28	
	18:00	39,9	59,1	2321	2295	0,8	253	Hillebrand	"	"	"	"	"	"	Eindringtiefe ~ 35-40 m
	18:15	40,0	58,9	2320	2292	1,0	165	"	"	"	"	"	"	"	18:10 U: Eisbrechen
	18:30	40,2	58,9	2307	2284	5,1	218	"	"	"	"	"	"	"	
	18:45	40,7	38° 01,0'	2306	2275	0,7	243	"	"	"	"	"	"	"	
	19:00	40,9	02,7	2199	2270	6,5	202	"	"	"	"	"	"	"	
	19:15	41,7	03,3	2269	2245	4,7	203	"	"	"	"	"	"	"	
	19:30	42,9	05,8	2224	2198	6,1	220	"	"	"	"	"	"	"	Eindringtiefe ~ 20-25 m
	19:45	43,7	10,2	2206	2179	1,0	244	"	"	"	"	"	"	"	
	20:00	43,9	11,1	2186	2163	0,1	102	"	"	"	"	"	"	"	
	:15	44,6	12,2	2161	2135	6,7	221	Kulm	"	"	"	"	"	"	
	:30	46,0	15,5	2085	2070	6,7	191	"	"	"	"	"	"	"	
	:45	47,3	15,1	-	2160	6,8	210	"	"	"	"	"	"	"	
	21:00	48,4	16,7	-	1943	4,4	242	"	"	"	"	"	"	"	Eindringtiefe ~ 30m
	:17	48,8	17,9	-	1922	0,5	(35)	"	"	"	"	"	"	"	Eisbrechen - 22:17
	22:17	49,0	18,8	-	1895	4,4	191	"	"	"	"	"	"	"	
	:30	49,4	18,7	-	1897	3,5	126	"	"	"	"	"	"	"	
	:45	49,9	16,3	-	1857	5,7	194	"	"	"	"	"	"	"	22:51 Eisbrechen - 23:11
	23:00	50,0	16,3	-	1854	5,4	228	"	"	"	"	"	"	"	
	:15	50,4	17,1	-	1838	4,7	204	"	"	"	"	"	"	"	
	:30	50,5	17,1	-	1833	1,8	189	"	"	"	"	"	"	"	
	:43	51,0	17,4	-	1806	0,3	(25)	"	"	"	"	"	"	"	Eisbrechen
26.01.97	00:00	51,2	18,8	-	1796	5,2	282	Hillebrand	"	"	"	"	"	"	
	00:15	51,6	22,1	-	1753	0,5	282	"	"	"	"	"	"	"	
	00:30	51,9	23,6	-	1735	6,1	231	"	"	"	"	"	"	"	
	00:45	52,8	26,8	-	1440	7,0	242,5	"	"	"	"	"	"	"	
	01:00	53,3	29,7	-	1665	0,3	(50,7)	"	"	"	"	"	"	"	
	01:15	53,3	32,4	-	1622	1,4	(76,6)	"	"	"	"	"	"	"	
	01:30	53,3	33,3	-	1623	1,1	(75,8)	"	"	"	"	"	"	"	
	01:45	53,4	34,6	-	1614	0,6	289	"	"	"	"	"	"	"	
	02:00	53,3	35,3	-	1625	2,0	314	"	"	"	"	"	"	"	
	02:15	53,6	36,4	-	1601	8,1	159	"	"	"	"	"	"	"	
	02:30	54,0	36,9	-	1561	4,6	249	"	"	"	"	"	"	"	
	02:45	54,5	45,5	-	1544	5,2	206	"	"	"	"	"	"	"	
	03:00	55,6	39,7	-	1492	3,5	112	Ulsbeck	"	"	"	"	"	"	



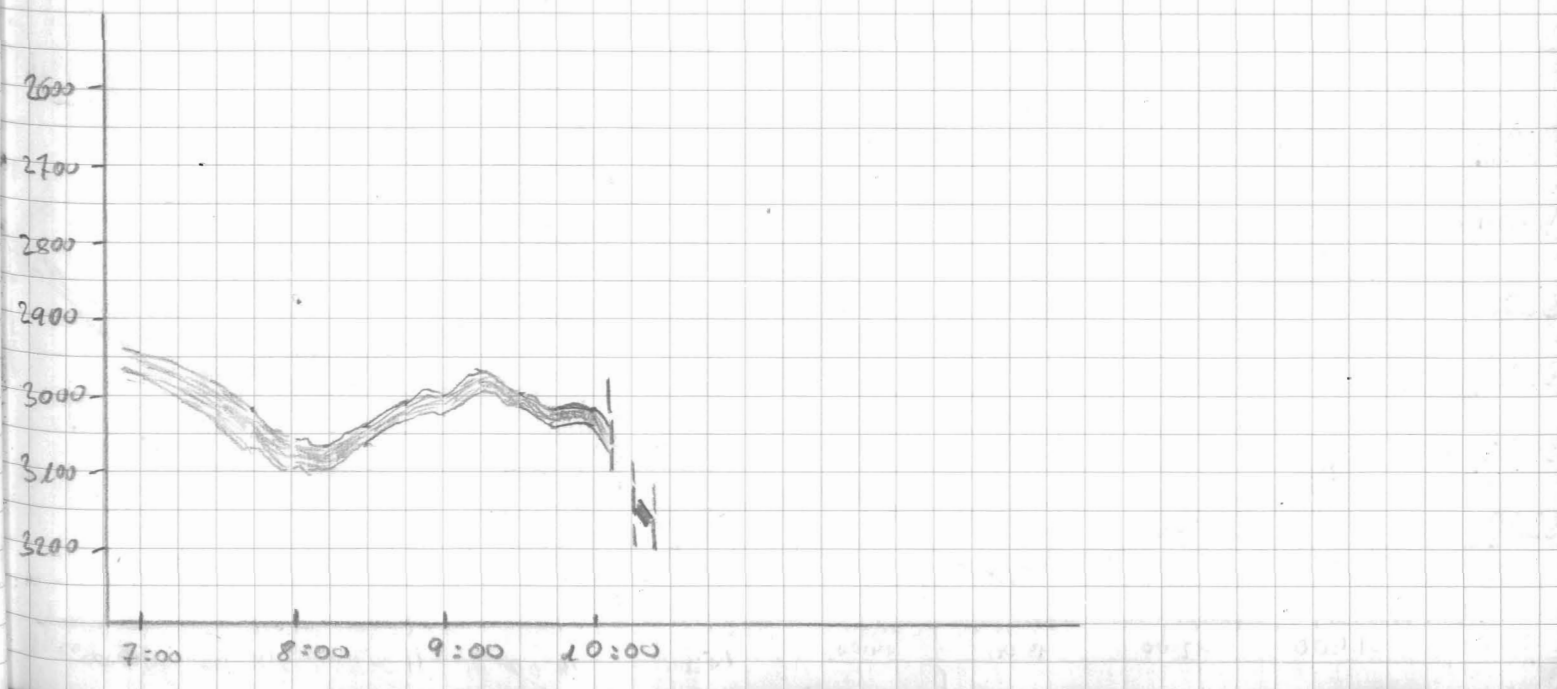
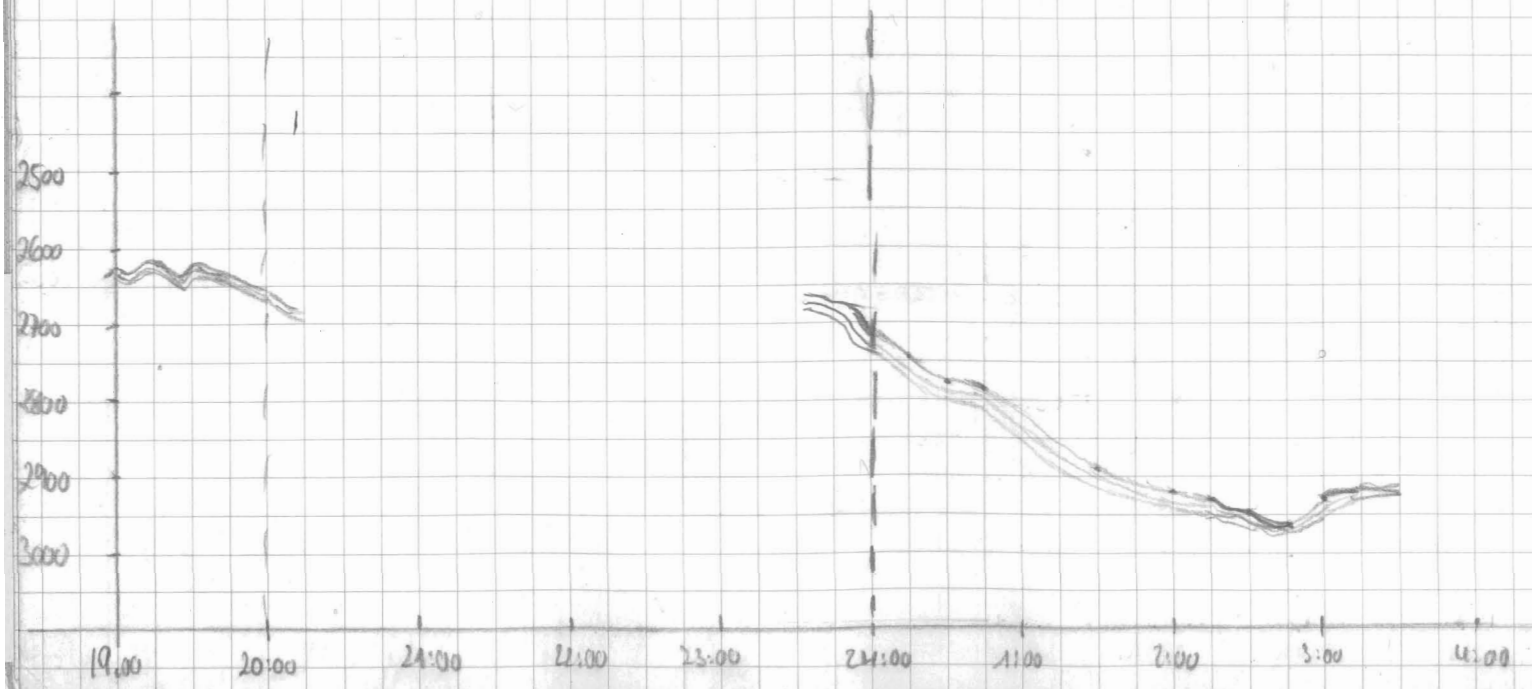
Datum	Zeit UTC	Latitude S	Longitude W	Tiefe PS	Tiefe HS	Geschw. Km	Kurs °	Wache	Freq. PS	Pulse	Rec. Length	Wait Time	Deso. Rolle	Tape	Bemerkungen
26.01.97	3:15	73° 57,1	38° 38,6	-	1417	5,5	178	Utsbeck	4	2	133	0	5	28	
	3:30	58,1	40,3	-	1358	0,5	245	"	"						
	4:45	58,5	42,2	-	1303	3,0	223	"	"						
	4:00	58,7	43,1	-	1269	2,0	16	"	"						
	4:15	59,1	43,5	-	1245	6,2	200	"	"						
	4:30	74° 00,0	45,0	-	1200	2,0	227	"	"						
	4:45	00,5	47,4	-	1221	5,1	219	"	"						
	5:00	01,4	50,3	-	1092	4,6	231	"	"						
	5:15	01,6	52,0	-	1086	2,2	224	"	"						
	5:30	01,7	52,3	-	1076	2,9	213	"	"						
	5:45	02,1	52,8	-	1043	1,5	23	"	"						
	6:00	02,2	52,9	-	1037	0,3	200	"	"						Eisbrechen
	6:15	02,2	53,0	-	1029	0,3	257	"	"						
	6:30	"	"	"	1035	0,2	0,5	"	"						Beht langsam
	6:45	02,1	52,9	-	1043	3,6	204,5	"	"						
	7:00	02,3	53,3	-	1027	1,8	205,4	"	"						
	7:15	03,1	55,3	-	1026	4,7	190	"	"						
	7:30	04,3	57,6	962	954	5,8	239	"	"						7:26 umschalten auf Mode 1 / PAR
	7:45	04,6	39° 00,8	894	888	3,9	245	"	"						Probleme mit Pasa schreib
	8:00	05,0	04,2	830	825	4,3	237	"	"						(vergessen, unrichtige Tiefe zustellen)
	8:15	05,1	05,4	824	816	1,5	88	"	"						7:48 → zurück nach Mode 4 / PAR / NBS
	8:30	05,1	06,0	830	820	2,3	260	"	"						8:06 alles wieder richtig
	8:45	5,2	7,0	832	824	7,4	(81)	Krebn	"						8:20 Eisbrechen
	9:00	5,2	6,9	830	821	0,1	237	"	"						
	9:15	5,3	7,3	818	809	2,2	262	"	"						
	9:30	5,4	8,8	802	791	7,3	(81)	"	"						
	9:45	5,5	10,0	793	782	7,2	252	"	"						
	10:00	74° 05,5 S	39° 10,3 W	791	779	1,5	89	N.L.	4	2	133	0	5	28	
	10:15	05,6	10,3	789	777	0,3	294	"	"						
	10:30	05,6	10,6	786	775	3,4	269	"	"						10:23 Storage / Out. Prof. off wegen Eisbrechen
	10:45	05,6	10,9	783	772	0,2	190	"	"						
	11:00	74° 05,7 S	39° 10,8 W	782	770	0,5	131	"	"						
	11:15	05,8	12,5	772	760	4,6	260	"	"						
	11:30	05,8	12,9	766	-	6,4	246	"	"						
	11:45	05,9	13,3	767	755	2,3	40	"	"						
	12:00	06,0	13,4	767	756	(4,4)	(225)	Wohlerby	"	"	"	"	"	"	Schiff dreht!



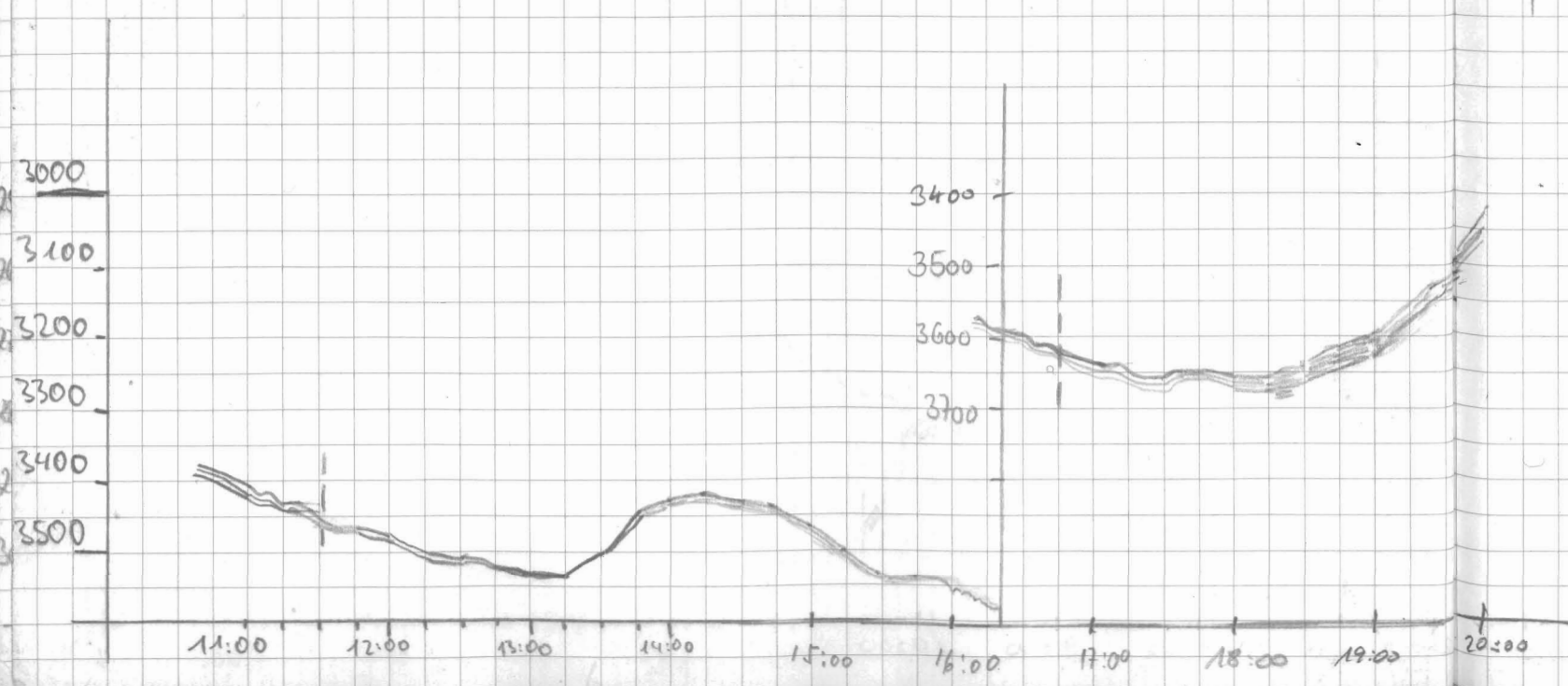
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschwindigkeit Km	Kurs °	Wache	FR PS	Pulle	Rekord Lörmp	Went-time	Deto-Rolle	Band Nr.	Bemerkungen
26.1.97	12:15	74°06.1	39°14.0	764	717	(3.7)	(-)	Wohlelauf	4	2	133	0	5		Storage off seit 10:23, Schiff dacht
	30	05.9	15.3	770	758	(4.1)	(-)	"	"	"	"	"	"		"
	45	05.7	14.7	778	766	(2.8)	(78°)	"	"	"	"	"	"		Schiff ist gedacht und bockt vor + zurück
	13:00	05.8	14.6	777	766	(2.5)	(-)	"	"	"	"	"	"		"stand by" 13:15: Schiff steht für Kern!
	15	05.8	14.5	775	763	-	-	"	"	"	"	"	"		22:00 Frequenzlast
27.1.97	5:15	73°51.3	38°18.5	-	1788	-	-	Kulm	4	2	"	0	"		
	10:00	73°48.9 S	38°11.7 W	-	2000	2.9	342	N.L.	"	"	133	.0	5	29	
	12:00	73°44.9 S	37°56.1 W	2171	2148	5.9	53	"	"	"	"	"	"	"	
	12:30	43.1	48.0	2309	2285	5.0	62	"	"	"	"	"	"	"	
	12:45	42.7	44.6	2334	2309	0.7	51	"	"	"	"	"	"	"	
	13:00	42.56	43.0	2346	2321	4.6	50	dasilo	"	"	"	"	"	"	
	13:15	41.29	41.6	2394	2369	5.0	33	"	"	"	"	"	"	"	
	13:30	40.56	39.5	2411	2388	6.1	57	"	"	"	"	"	"	"	
	13:45	39.78	36.0	2450	2424	7.0	43	"	"	"	"	"	"	"	
	14:00	39.09	31.4	2484	2455	0.1	226	"	"	"	"	"	"	"	
	14:15	38.5	28.6	2499	2472	6.8	57	- -	"	"	"	"	"	"	
	14:30	37.6	22.9	2532	2530	5.4	50	"	"	"	"	"	"	"	
	14:45	37.0	21.2	2547	2520	2	245	"	"	"	"	"	"	"	
	15:00	36.9	20.8	2545	2521	1.7	261	"	"	"	"	"	"	"	
	15:15	36.6	37.2	2562	2533	6.2	51	"	"	"	"	"	"	"	
	15:30	73°36.4 S	37°17.8 W	2568	2542	0.2	336	N.L.	"	"	"	"	"	"	
	15:45	36.3	17.9	2559	2542	0.3	318	"	"	"	"	"	"	"	
	16:00	36.3	17.9	2559	2541	0.5	330	dasilo	"	"	"	"	"	"	
	16:15	36.3	18.1	2559	2540	0.3	287	- -	"	"	"	"	"	"	3 Schiff steht, System ausgeschaltet
	17:15	32.2	18.9	2560	2542	5.5	43	- -	"	"	"	"	"	"	
	17:30	36.11	18.8	2562	2542	1.4	290	- -	"	"	"	"	"	"	
	17:45	35.8	17.9	2568	2547	7.4	42	- -	"	"	"	"	"	"	
	18:00	73°35.09	37°16.3 W	2093	2562	2.6	359	Kestm	"	"	"	"	"	"	
	18:15	32.85	10.9	2639	2609	6.7	86	"	"	"	"	"	"	"	
	18:30	32.57	10.07	2625	2615	3.8	340	"	"	"	"	"	"	"	
	18:45	32.98	09.30	2633	2602	5.9	114	"	"	"	"	"	"	"	



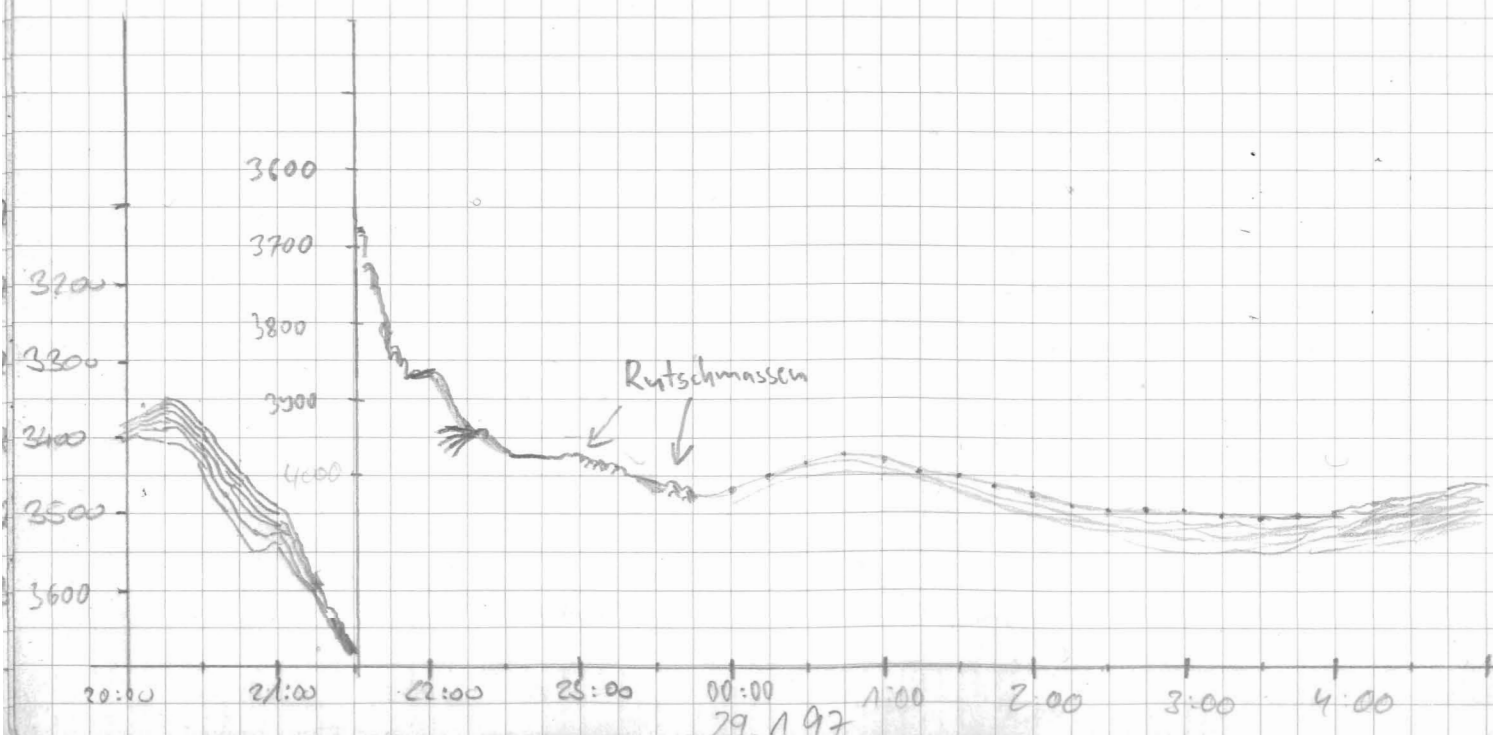
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. Kn	Körs.	Wacke	Fl. PS	Pulse	Record Length	Wait time	Deso Rolle	Tape	Bemerkungen
27/1/97	19:30	73°33.03	37°09.04	2638	2604	1.4	102	Kostan	4	2	183	0	5	29	
	19:45	33.03	05.30	2653	2620	6.0	43	"	"	"	"	"	"	"	
	20:00	73°32.39	37°01.23	2670	2641	7.1	57	Elbe	"	"	"	"	"	"	
	20:15	73°31.68	37°58.05	2689	2655	0.4	282	"	"	"	"	"	"	"	Station (Beginn)
	22:52	37.7	59.2	2687	2654	0.3	303	Kulm	X	X	"	"	"	"	Frequenztest
28/1/97	24:00	73°31.17	36°53.296	2720	2689	5.0	60.5	Uajnal	1	0	"	"	"	30	
	0:15	73°30.71	36°48.280	2744,4	2719	3.5	125,4	"	4	2	"	"	"	30	
	0:30	73°30.519	36°44.955	2771	2741	1.5	253	"	"	"	"	"	6	"	
	0:45	73°30.715	36°43.254	2792	2756	6,8	65,3	"	"	"	"	"	"	"	
	1:00	73°29.775	36°38.103	2831	2802	1,1	45,6	"	"	"	"	"	"	"	
	1:15	73°29.582	36°35.102	2822	2800	6,5	71,0	"	"	"	"	"	"	"	
	1:30	73°28.688	36°32.603	2841	2850	4,5	48,8	"	"	"	"	"	"	"	
	1:45	73°27.65	36°27.88	2906	2873	4,3	51,5	"	"	"	"	"	"	"	
	2:00	73°27.65	36°23.88	2919	2897	6	36,7	"	"	"	"	"	"	"	
	2:15	73°27.56	36°22.35	2926	2890	3,6	69,4	"	"	"	"	"	"	"	
	2:30	73°26.88	36°18.11	2948	2911	8,7	90,5	"	"	"	"	"	"	"	
	2:45	73°26.07	36°17.10	2964	2928	7,6	47,1	"	"	"	"	"	"	"	
	3:00	73°25.17	36°06.29	2930	2895	5,5	66,9	"	"	"	"	"	"	"	
	3:15	73°24.29	35°55.19	2930	2874	7,7	67,6	"	"	"	"	"	"	"	
	3:30	73°23.51	35°53.50	2929	2873	9,0	52,7	"	"	"	"	"	"	"	
	3:45	73°23.28	35°52.04	2937	2900	0,0	349,6	"	"	"	"	"	"	"	
	4:15	23.22	52.2	2932	2902	0.2	293	Kulm	4	2	"	"	"	6	30
28/1/97	7:15	73°23.092	35°50.801	2941	2908	7.6	72.1	Ritzmann	"	"	"	"	"	"	
	7:30	'22 519	'44 819	2936	2940	8.6	55.4	Ritzmann	"	"	"	"	"	"	
	7:45	21.607	38.738	3028	2992	8.4	51.6	Ritzmann	"	"	"	"	"	"	
	8:00	73°21'076	35°41'441	3064,1	3016,0	6,8	67,5	Raelberg	"	"	"	"	"	"	
	8:15	73°20'401	35°36'761	3077,7	3040,0	9,2	69,5	"	"	"	"	"	"	"	
	8:30	73°19'440	35°26'010	3059,4	3019,0	8,4	71,9	"	"	"	"	"	"	"	
	8:45	73°18'201	35°14'064	3021,7	2976,0	7,7	75,0	"	"	"	"	"	"	"	
	9:00	73°17'209	35°07'613	2996,5	2960,0	8,3	86,7	"	"	"	"	"	"	"	
	9:15	73°17'493	35°01'207	2968,7	2942,0	8,6	70,8	"	"	"	"	"	"	"	
	9:30	73°16'831	34°54'486	2999,2	2960,0	7,7	60,4	"	"	"	"	"	"	"	
	9:45	73°16'103	34°47'681	3020,6	2974,0	8,2	73,3	"	"	"	"	"	"	"	
10:00	73°15'206	34°40'679	3029,0	2984,0	10,1	77,7	J. Rügenhage	"	"	"	"	"	"		
10:15	73°14'278	34°33'045	3073,5	3026,0	10,5	63,1	"	"	"	"	"	"	"		
10:30	73°13'223	34°26'480	?	3140,0	7,2	50,4	"	"	"	"	"	"	"		
10:45															10:30 Deso hat falsche Zeit 10:40 RESET PS 10:47 PS OFF



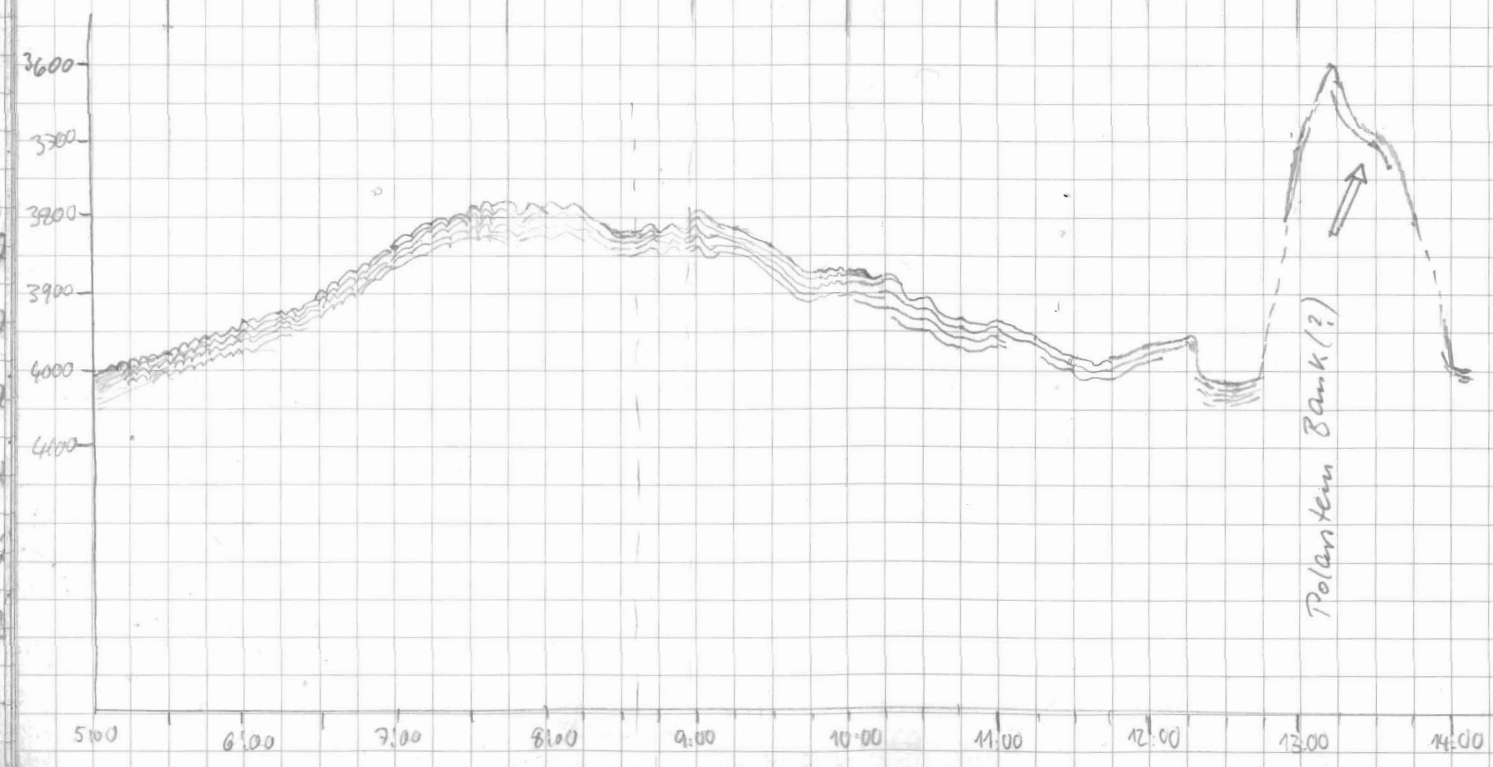
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. km	Kurs	Wache	Fr PS	Pulse	Rec. Length	Wait Time	Desp Rolle	Tape	Bemerkungen
28/11/97	11:00	73° 11,015	34° 12,269	3431,1	3374,0	9,7	64,1	J. Ruyshuyr	4	2	133	0	6	30	10:50 PS läuft wieder
	11:15	73° 09,369	34° 04,950	3437,0	3383,9	9,1	87,8	"	"	"	"	"	"	"	
	11:30	73° 08,806	33° 57,137	3454,1	3399,0	9,6	65,9	"	"	"	"	"	"	"	
	11:45	07,980	51,251	3480	3426	7,2	68,3	kechlin	"	"	"	"	"	"	
	12:00	73° 07,185	33° 46,675	3489,9	3435,0	6,4	50,8	J. Ruyshuyr	"	"	"	"	"	"	
	12:15	73° 06,148	33° 42,085	3512,6	3464,0	6,5	54,5	"	"	"	"	"	"	"	
	12:30	73° 05,109	33° 37,331	3523,6	3479,0	7,7	63,0	"	"	"	"	"	"	"	
	12:45	73° 04,196	33° 32,005	3540,5	3502,0	6,8	60,8	"	"	"	"	"	"	"	
	13:00	73° 03,309	33° 26,764	3541,2	3501,0	7,2	62,5	"	"	"	"	"	"	"	
	13:15	73° 02,624	33° 21,236	3551,4	3512,0	7,0	62,6	"	"	"	"	"	"	"	
	13:30	73° 01,921	33° 15,730	3506,8	3469,0	6,9	68,3	"	"	"	"	"	"	"	
	13:45	73° 01,357	33° 10,697	3456,6	3426,0	5,6	78,9	"	"	"	"	"	"	"	
	14:00	0,8	6,0	3434	3396	6,3	74,5	Wahlenberg	"	"	"	"	"	"	
	15	0,3	0,6	3429	3391	6,4	73,2	"	"	"	"	"	"	"	
	30	72° 59,7	32° 55,3	3442	3400	7,0	74,3	"	"	"	"	"	"	"	
	45	59,2	49,8	3442	3404	5,6	71,4	"	"	"	"	"	"	"	
	15:00	58,7	45,2	3469	3427	5,4	50,9	"	"	"	"	"	"	"	
	15	58,0	40,9	3501	3455	4,2	58,4	"	"	"	"	"	"	"	
	30	57,4	35,8	3536	3502	4,7	50,7	"	"	"	"	"	"	"	
	45	56,2	33,5	3539	3525	5,8	27,1	"	"	"	"	"	"	"	
	16:00	72° 54,44	32° 30,85	3543	3510	8,4	23,9	Kochlin	4	2	133	0	6	31	
	16:15	52,70	27,68	3573	3537	8,1	29,8	"	"	"	"	"	"	"	
	16:30	50,85	24,31	3599	3564	8,2	25,5	"	"	"	"	"	"	"	
	16:45	49,00	21,59	3623	3591	8,0	6,0	"	"	"	"	"	"	"	
	17:00	47,38	17,70	3642	3612	10,1	34,8	"	"	"	"	"	"	"	
	17:15	45,42	12,90	3647	3612	7,0	30,8	"	"	"	"	"	"	"	
	17:30	44,00	09,76	3648	3618	7,0	48,5	"	"	"	"	"	"	"	
	17:45	42,59	06,07	3653	3628	7,4	38,0	"	"	"	"	"	"	"	
	18:00	72° 41,264	32° 02,012	3656	3634	7,2	48,0	Hermann	4	2	133	0	6	31	
	18:15	40,137	31° 57,309	3653	3632	7,5	52,8	"	"	"	"	"	"	"	
	18:30	39,201	51,940	3638	3618	7,4	75,7	"	"	"	"	"	"	"	
	18:45	38,825	31° 45,925	3618	3604	7,5	77,6	"	"	"	"	"	"	"	
	19:00	72° 38,401	31° 39,942	3592	3575	7,6	76,4	"	"	"	"	"	"	"	
	19:15	37,904	31° 33,676	3561	3546	7,7	74,0	"	"	"	"	"	"	"	
	19:30	37,419	27,544	3526	3506	7,8	75,7	"	"	"	"	"	"	"	
	19:45	72° 36,866	31° 21,492	3472	3448	7,7	74,1	Hermann	"	"	"	"	"	"	



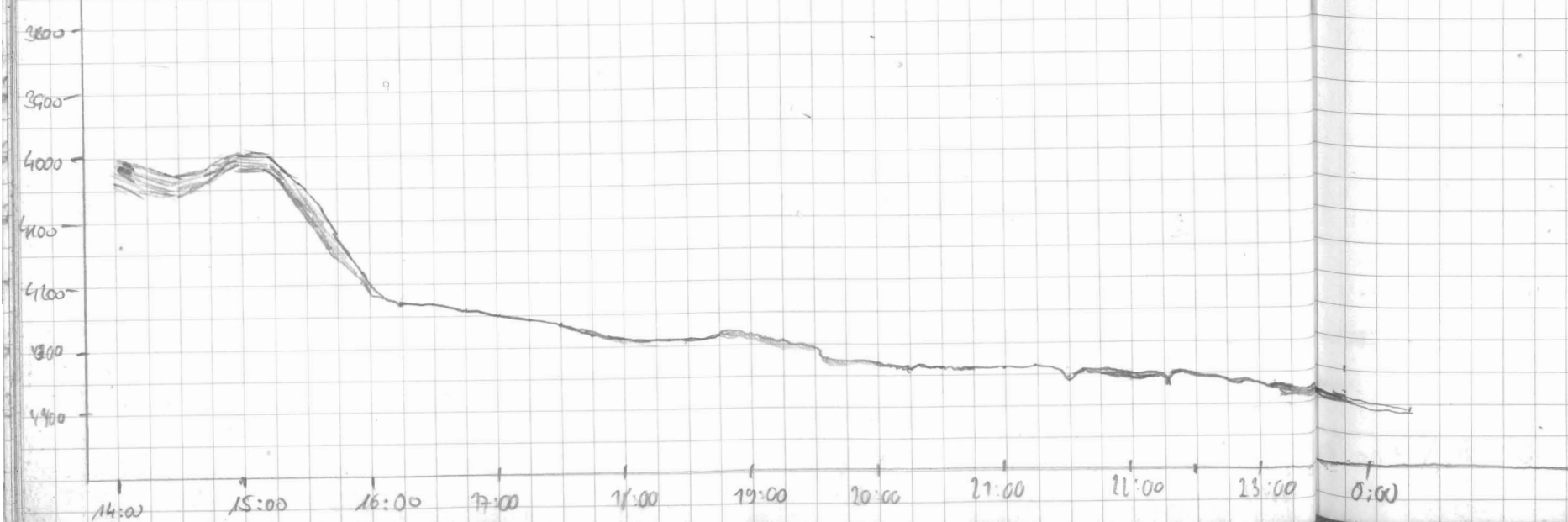
Datum	Zeit UTC	Breite ϕ	Länge λ	Tief PS	Tiefe HS	Geschw km	Kors	Wache	Fr PS	Pöbe	Rec length	Wait time	Deso Rolle	Tape	Bemerkungen
28.01.97	20:00	72° 26' 25.7"	31° 15' 51.4"	3425	3400	7.6	73.1	Ritzmann	4	2	133	0	6	31	
	:15	35.7'	9.1'	3369	3342	7.9	73	Kuhn	"	"	"	"	"	"	60m Eindringtiefe
	:30	35.4'	2.7'	3396	3367	8.0	85	"	"	"	"	"	"	"	
	:45	35.5'	30° 56.6'	3446	3416	7.3	140	"	"	"	"	"	"	"	
	21:00	35.7'	51.7'	3493	3467	7.9	73	"	"	"	"	"	"	"	
	:15	35.1'	44.7'	3594	3562	7.9	72	"	"	"	"	"	"	"	
	:30	34.5'	38.4'	3684	3641	7.7	73	"	"	"	"	"	"	"	70m Eindringtiefe
	:45	34.0	32.0	3805	3765	7.7	73	"	"	"	"	"	"	"	
	22:00	33.4	25.8	3869	3818	7.8	72	"	"	"	"	"	"	"	
	22:15	32.9	20.2	3928	3870	7.6	72	Hillensbrand	"	"	"	"	"	"	22:18h: mind. 5 schallharte Reflektoren lauten zusammen
	22:30	32.4	14.1	3969	3911	7.7	74	"	"	"	"	"	"	"	22:35h: Eindringtiefe $\approx 10m$
	22:45	31.8	08.2	3978	3928	7.5	73	"	"	"	"	"	"	"	
	23:00	31.3	02.2	3970	3932	7.7	72	"	"	"	"	"	"	"	
	23:15	30.6	29° 56.1	3989	3955	7.4	70	"	"	"	"	"	"	"	23:23h: Eindringtiefe $\approx 5m$
	23:30	30.0	50.1	4006	3973	7.6	72	"	"	"	"	"	"	"	23:30h: Eindringtiefe $\approx 10m$
	23:45	29.4	44.2	4017	3989	7.6	71	"	"	"	"	"	"	"	23:40h: Eindringtiefe $\approx 5m$
	24:00	28.90	38.33	4011	3983	7.6	71	Pfender	"	"	"	"	"	"	
29.01.97	0:15	72° 28.2	29° 22.4	3988	3957	7.6	71	"	"	"	"	"	"	"	
	0:30	27.6	26.4	3979	3948	7.7	73	"	"	"	"	"	"	"	
	0:45	27.1	20.4	3975	3945	7.6	73	"	"	"	"	"	"	"	
	1:00	26.5	14.4	3982	3945	7.4	73	"	"	"	"	"	"	"	
	1:15	25.9	08.8	3990	3948	7.5	59	"	"	"	"	"	"	"	
	1:30	24.9	03.2	4002	3961	7.8	60	"	"	"	"	"	"	"	
	1:45	24.1	28° 57.4	4015	3978	7.9	65	"	"	"	"	"	"	"	
	2:00	23.1	51.7	4027	3988	7.8	58	"	"	"	"	"	"	"	
	2:15	22.5	45.8	4041	4002	7.6	73	"	"	"	"	"	"	"	
	2:30	21.9	39.9	4015	4007	7.6	72	"	"	"	"	"	"	"	
	2:45	21.5	33.9	4045	4012	7.5	78	"	"	"	"	"	"	"	
	3:00	21.1	27.9	4046	4012	7.5	77	"	"	"	"	"	"	32	Tape gewechselt um 2:45
	3:15	20.6	21.8	4052	4017	7.7	77	"	"	"	"	"	"	"	
	3:30	20.2	15.8	4056	4020	7.5	79	"	"	"	"	"	"	"	
	3:45	19.8	09.8	4054	4012	7.6	77	"	"	"	"	"	"	"	
	4:00	19.4	03.8	4052	4013	7.4	78	"	"	"	"	"	"	"	
	4:15	19.0	27° 57.7	4041	3997	7.6	78	Usbeck	"	"	"	"	"	"	
	4:30	18.5	51.6	4031	3988	7.8	78	"	"	"	"	"	"	"	
	4:45	18.1	45.6	4020	?	7.7	78	"	"	"	"	"	"	"	
	5:00	17.7	39.5	4009	3970	7.7	77	"	"	"	"	"	"	"	



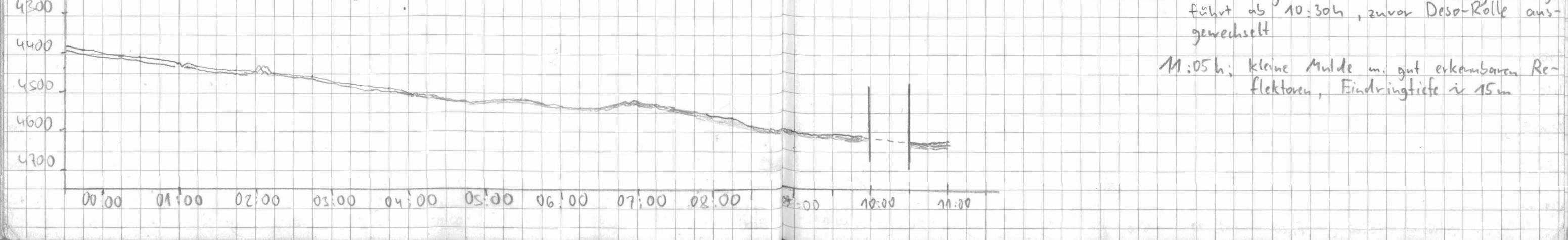
Datum	Zeit	Breite S	Länge W	Tiefe PS	Tiefe HS	feschw. kn	KWS	Wache	Frequ. PS	Pulse	Rec. length	Wait Time	Deso Rolle	Topf	Bemerkungen
29/01/97	5:15	72° 17.3	27° 33.1	3995	3959	7.6	79	usbeck	4	2	133	0	6	32	Schwimmwellen, ca 30 m Eindringt.
	30	17.0	27.0	3980	3943	7.7	74	"	"	"	"	"	"	"	
	45	16.3	21.0	3966	3931	7.9	73	"	"	"	"	"	"	"	
	6:00	15.2	15.1	3945	3909	7.7	70	"	"	"	"	"	"	"	
	15	15.0	09.3	3931	3891	7.4	70	"	"	"	"	"	"	"	
	30	14.5	03.6	3909	3868	7.7	73	"	"	"	"	"	"	"	
	45	13.4	26° 57.6	3871	3827	7.5	71	"	"	"	"	"	"	"	
	7:00	13.4	57.8	3856	3829	7.6	77	"	"	"	"	"	"	"	
	15	12.9	45.6	3807	3763	7.6	74	"	"	"	"	"	"	"	
	30	11.4	33.5	3782	3756	8.0	75	"	"	"	"	"	"	ca 40m	
	45	?	?	?	?	?	?	"	"	"	"	"	"	"	50-60m
	8:00	72° 11.3	26° 27.37	3768	3725	7.6	72	ebba	"	"	"	"	"	"	"
	15	10.6	21.46	3785	3740	7.7	70	"	"	"	"	"	"	"	ca 50m
	30	10.0	15.59	3826	3782	7.8	75	"	"	"	"	"	"	"	ca 30m
	45	09.5	09.51	3826	3776	7.5	74.4	"	"	"	"	"	"	"	ca 40m
	9:00	08.9	03.5	3792	3750	7.7	74.2	"	"	"	"	"	"	"	"
	15	08.5	25° 57.3	3809	3767	7.8	75.5	"	"	"	"	"	"	"	ca 50m
	30	08.0	51.3	3848	3806	7.7	75.9	"	"	"	"	"	"	"	~ 30m
	45	07.5	45.3	3873	3831	7.7	73.6	"	"	"	"	"	"	"	~ 40m
	10:00	07.1	33.3	3871	3824	7.8	75.0	"	"	"	"	"	"	"	"
	15	06.6	33.1	3877	3830	7.8	76.0	Diemann	"	"	"	"	"	"	"
	30	06.1	27.1	3911	3866	7.7	73.1	"	"	"	"	"	"	"	"
	45	05.5	21.6	3939	3889	7.6	71.8	"	"	"	"	"	"	"	"
	11:00	04.9	15.1	3938	3895	7.5	72.0	"	"	"	"	"	"	"	"
	15	04.3	09.2	3957	3917	7.7	74.5	"	"	"	"	"	"	"	"
	30	03.8	03.1	3924	3941	7.6	74.1	"	"	"	"	"	"	"	"
	45	03.3	24° 57.4	3983	3938	7.6	74.4	"	"	"	"	"	"	"	"
	12:00	02.8	51.4	3972	3927	7.6	76.4	Wohlenberg	"	"	"	"	"	"	"
	15	02.3	45.4	3978	3916	8.0	75.0	"	"	"	"	"	"	"	"
	30	01.8	39.3	4014	3973	7.5	75.8	"	"	"	"	"	"	"	"
	45	01.3	33.5	4003	3959	7.7	73.7	"	"	"	"	"	"	"	"
	13:00	00.8	27.4	3704	3673	8.1	77.2	"	"	"	"	"	"	33	starke Topographie nach 12:45 (Anstieg!) Topf 32 Ende: 12:55, Anfang Topf 33: 12:58 deutlicher doppelter Reflex bei 13:20 ♂ ↑ starke Topographie (Abstieg)
	15	00.4	21.4	3625	3592	7.6	74.5	"	"	"	"	"	"	"	
	30	71° 59.8	15.4	3699	3662	7.4	74.7	"	"	"	"	"	"	"	
	45	59.4	09.5	3811	3779	7.4	77.1	"	"	"	"	"	"	"	
	14:00	58.9	03.8	3998	3964	7.6	76.1	"	"	"	"	"	"	"	



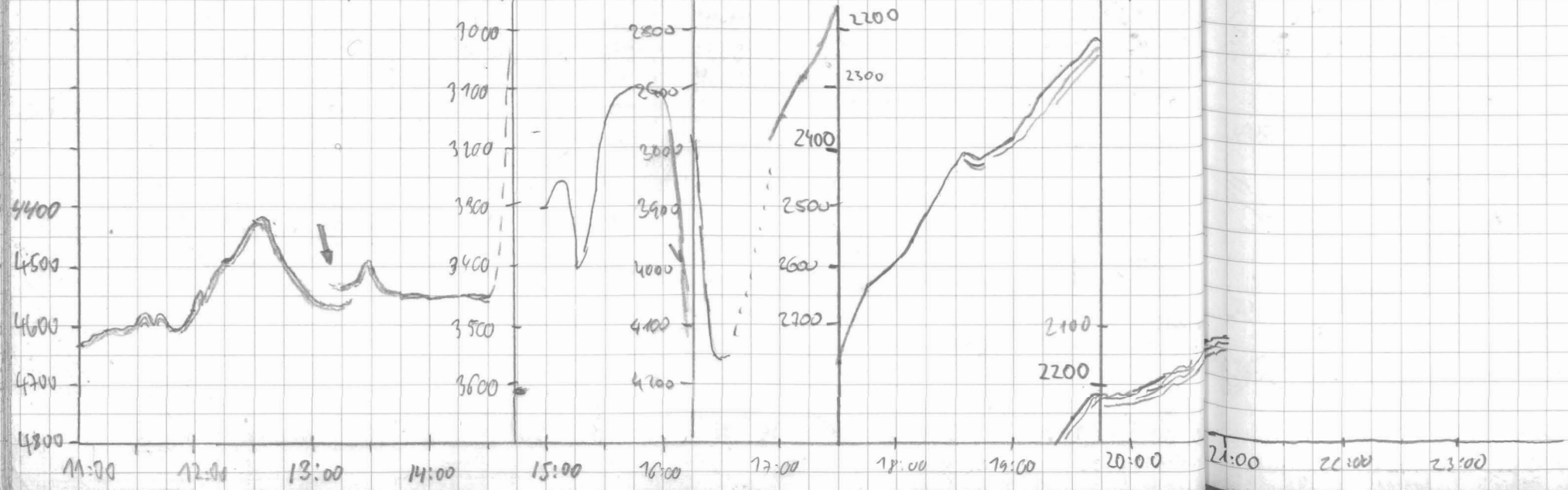
Datum	Zeit	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. (kn)	Kurs	Wache	Freq. PS	Pulse	Record length	Wait time	Deso-Rolle	Tape	Bemerkungen
29.01.97	14:15	71° 58' 40.3	23° 57' 44.0	4019	3985	7.7	74.4	Ritzmann	4	2	133	0	6	33	
	14:30	57' 914	51' 476	9027	3997	7.9	76.1	"	"	"	"	"	"	"	
	14:45	57' 430	45' 479	4017	3987	7.8	75.6	"	"	"	"	"	"	"	
	15:00	56' 941	39' 831	3994	3962	7.6	75.5	"	"	"	"	"	"	"	
	15:15	56' 392	35' 649	3992	3965	7.6	72.7	"	"	"	"	"	"	"	
	15:30	55' 811	27' 736	4050	4013	7.7	71.3	"	"	"	"	"	"	"	Starker Abhang, teilweise? kein Signal!
	15:45	71° 55' 214	22° 21' 829	4124	4085	7.8	70.6	"	"	"	"	"	"	"	
	16:00	71° 54' 020	23° 15' 869	4219,0	4162,6	7,7	72,1	Ruelberg	"	"	"	"	"	"	Eindringtiefe ~ 10m
	16:15	71° 54' 008	25° 10' 047	4229,7	4184,0	7,5	73,5	"	"	"	"	"	"	"	
	16:30	71° 53' 518	25° 04' 203	4234,4	4199,0	7,7	74,0	"	"	"	"	"	"	"	
	16:45	71° 52' 996	22° 58' 268	4244,6	4198,0	7,7	73,6	"	"	"	"	"	"	"	
	17:00	71° 52' 429	22° 59' 410	4250,1	4210,0	7,8	73,9	"	"	"	"	"	"	"	
	17:15	71° 51' 886	22° 46' 398	4258,9	4211,0	7,9	75,9	"	"	"	"	"	"	"	
	17:30	71° 51' 339	22° 40' 378	4271,3	4224,0	7,6	75,9	"	"	"	"	"	"	"	
	17:45	71° 50' 881	22° 34' 366	4281,8	4233,0	7,7	75,4	"	"	"	"	"	"	"	
	18:00	71° 50' 4	22° 28' 2	4291,9	4244,0	7,8	74,7	Hillbrand	"	"	"	"	"	"	
	18:15	71° 49' 8	22° 22' 3	4297	4253	7,4	74,4	"	"	"	"	"	"	"	
	18:30	49,4	16,6	4296	4250	7,4	76,4	"	"	"	"	"	"	"	
	18:45	48,9	10,8	4283	4240	7,6	74,1	"	"	"	"	"	"	"	
	19:00	48,4	04,9	4284	4235	7,6	75	"	"	"	"	"	"	"	Eindringtiefe ~ 20m
	19:15	46,8	02,5	4288	4241	7,5	70	"	"	"	"	"	"	"	
	19:30	45,1	00,6	4302	4254	7,9	79	"	"	"	"	"	"	"	Eindringtiefe ~ 10m
	19:45	43,2	21° 59' 4	4323	4281	7,6	70	"	"	"	"	"	"	"	
	20:00	41,4	58,4	4327	4293	7,6	3	"	"	"	"	"	"	"	Eindringtiefe < 10m
	:15	39,4	53,3	4330	4303	7,8	357	Kulm	"	"	"	"	"	"	
	:30	37,6	57,1	4338	4311	6,9	76	"	"	"	"	"	"	"	
	:45	37,1	51,6	4347	4315	7,7	74	"	"	"	"	"	"	"	
	21:00	36,6	45,9	4345	4323	7,6	74	"	"	"	"	"	"	"	
	:15	36,1	40,0	4343	4314	7,8	75	"	"	"	"	"	"	"	
	:30	35,2	34,7	4353	4324	7,9	50	"	"	"	"	"	"	"	
	22:00	33,2	25,3	4353	4317	7,5	75	"	"	"	"	"	"	"	
	:15	32,7	19,8	4358	4321	7,3	75	"	"	"	"	"	"	"	
	:30	32,2	14,0	4354	4325	7,6	75	"	"	"	"	"	"	"	Ende Tape 33 22:52
	23:07	29,9	2,2	4374	4347	7,5	43	"	"	"	"	"	"	34	
	:16	29,0	20° 59' 6	4381	4348	7,7	46	"	"	"	"	"	"	"	Eindringtiefe 10-15m
	:30	27,9	55,6	4385	4355	7,7	47	"	"	"	"	"	"	"	
	:48	26,3	50,7	4391	4360	7,5	45	"	"	"	"	"	"	"	



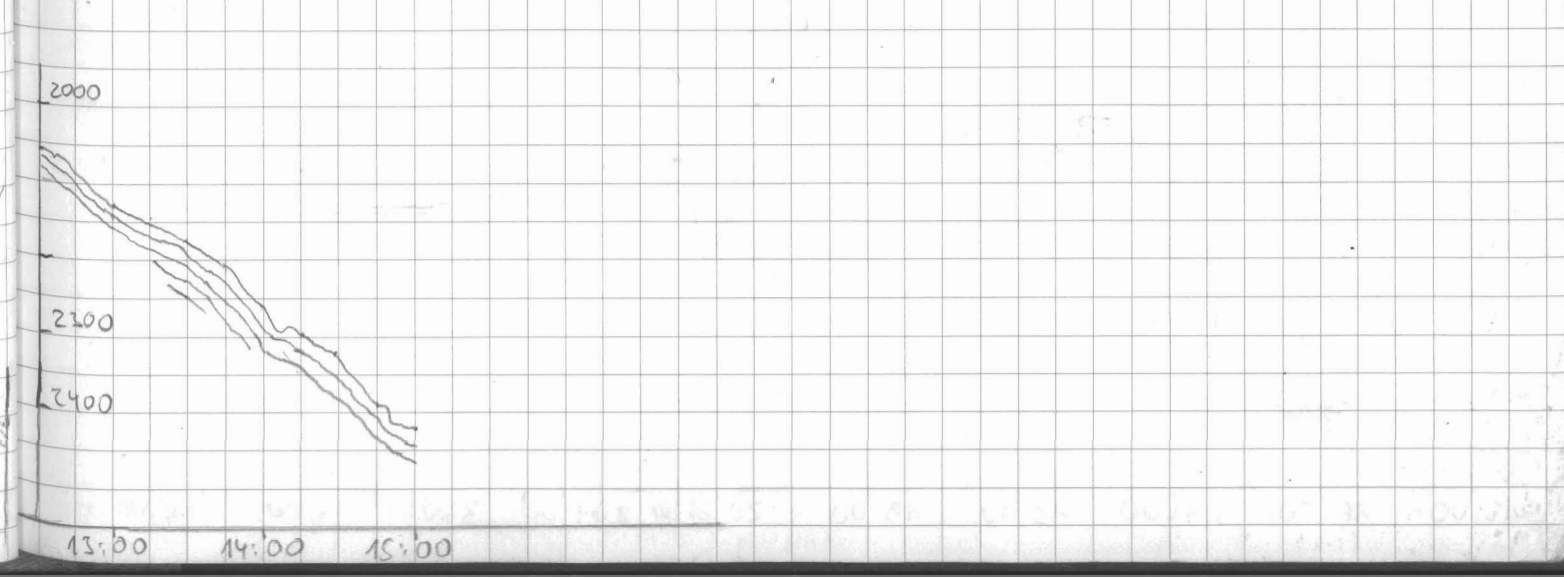
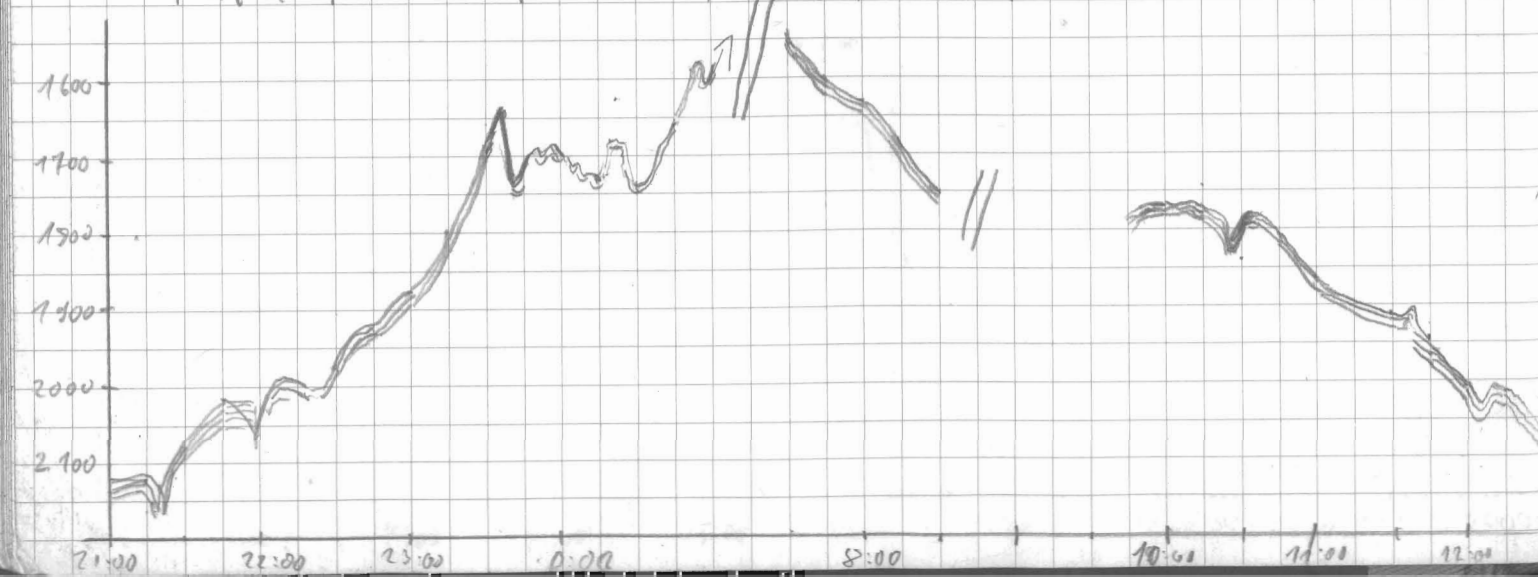
Datum	Zeit	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. km	Kurs	Wache	Freq. PS	Pulse	Record Length	Wait Time	Deso Rolle	Tape Nr	Bemerkungen
30.01.97	00:00	-	-	-	-	-	-	Dillmann	4	2	133	0	6	34	
	00:15	-	-	4403	4369	7.6	42.7	"	"	"	"	"	"	"	Eindringtiefe 10m
	00:30	71°	22.6	20°	39.7	4409	4375	6.9	44.2	"	"	"	"	"	
	00:45	21.3	36.0	4417	4383	7.0	43.4	"	"	"	"	"	"	"	
	01:00	20.0	31.9	4425	4384	7.5	51.1	"	"	"	"	"	"	"	
	01:15	18.9	27.3	4431	4404	7.8	54.1	"	"	"	"	"	"	"	
	01:30	17.2	22.3	4439	4416	7.6	54.7	"	"	"	"	"	"	"	
	01:45	16.7	17.5	4447	4419	7.6	53.8	"	"	"	"	"	"	"	
	02:00	15.7	12.7	4444	4425	7.7	56.3	"	"	"	"	"	"	"	
	02:15	14.5	07.7	4444	4408	7.6	54.8	"	"	"	"	"	"	"	
	02:30	13.4	03.1	4456	4415	6.7	18.8	"	"	"	"	"	"	"	
	02:45	12.1	19°	59.6	4451	4425	7.5	50.1	"	"	"	"	"	"	
	03:00	10.7	56.0	4471	4440	7.0	38.4	"	"	"	"	"	"	"	
	03:15	09.4	52.9	4478	4446	6.4	29.6	"	"	"	"	"	"	"	
	03:30	08.00	50.5	4481	4455	6.7	29.4	"	"	"	"	"	"	"	
	03:45	06.5	48.1	4490	4462	6.6	2.7	"	"	"	"	"	"	"	
	04:00	04.8	47.2	4502	4471	7.4	18.4	Usbeck	"	"	"	"	"	"	
	04:15	03.1	45.2	4504	4480	7.8	40.4	"	"	"	"	"	"	"	
	04:30	01.6	40.8	4517	4487	7.5	50	"	"	"	"	"	"	"	
	04:45	00.6	36.2	4517	4500	7.6	72	"	"	"	"	"	"	"	
	5:00	70°	00.0	30.4	4526	4499	7.8	72	"	"	"	"	"	"	
	05:15	59.4	24.6	4520	4489	8.0	74	"	"	"	"	"	"	"	
	05:30	58.7	19.11	4518	4483	8.0	68	"	"	"	"	"	"	"	
	05:45	57.7	13.7	4526	4495	7.8	55	"	"	"	"	"	"	"	
	6:00	56.5	09.9	4533	4498	7.9	50	"	"	"	"	"	"	"	
	06:15	55.2	04.2	4540	4514	7.9	49	"	"	"	"	"	"	"	
	06:30	53.9	18°	59.6	4541	4515	7.7	49	"	"	"	"	"	"	
	06:45	52.7	54.8	4532	4503	7.9	60	"	"	"	"	"	"	"	
	7:00	51.9	49.5	4536	4507	7.9	66	"	"	"	"	"	"	"	
	07:15	51.0	44.1	4537	4509	8.0	64	"	"	"	"	"	"	"	
	07:30	50.2	38.9	4544	4509	7.9	63	"	"	"	"	"	"	"	
	07:45	49.3	33.8	4544	4513	7.7	63	"	"	"	"	"	"	"	
	8:00	48.3	29.4	4558	4523	9.1	61	Hilfsbrand	"	"	"	"	"	"	
	08:15	47.4	18.2	4566	4521	9.5	75	"	"	"	"	"	"	"	
	08:30	47.0	14.5	4576	4535	9.7	82	"	"	"	"	"	"	"	
	08:45	46.7	07.4	4585	4545	9.6	84	"	"	"	"	"	"	"	08:58h: Tape 34 gg. Tape 35 ausgewechselt
	9:00	46.4	17°	59.7	4596	4554	9.9	83	Usbeck	"	"	"	"	35	
	9:15	46.1	52.6	4599	4558	9.2	82	Hilfsbrand	"	"	"	"	"	"	
4000	9:30	45.8	45.2	4604	4568	9.9	84	"	"	"	"	"	"	"	
	9:45	45.5	37.7	4608	4571	9.7	84	"	"	"	"	"	"	"	09:56h: Deso-Neustart, da Papier nicht weitertransportiert wird; da keine Reaktion → Parasound-Neustart Rec off
4100	10:33	44.6	14.0	4636	4602	9.7	83	"	"	"	"	7	"		
	10:45	44.3	08.4	4629	4600	9.5	82	"	"	"	"	"	"		
4200	11:00	44.0	01.9	4627	4601	9.6	82	"	"	"	"	"	"		



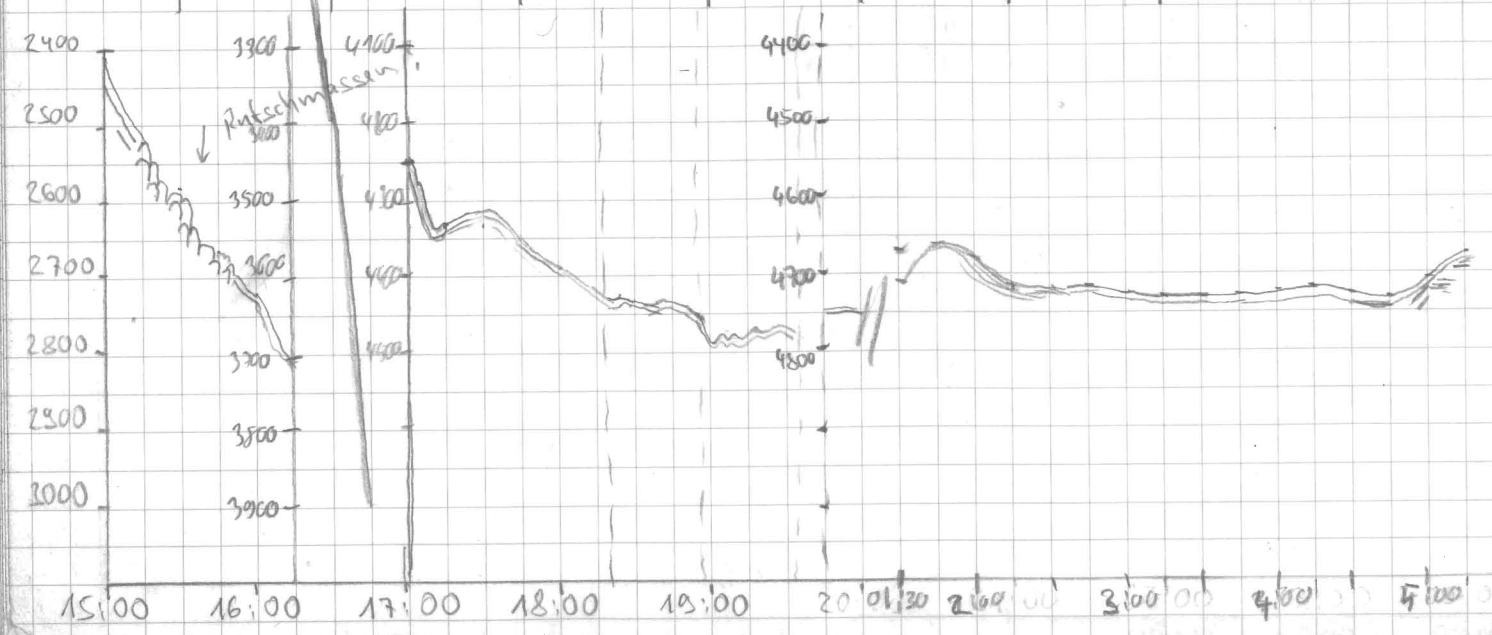
Datum	Zeit UTC	Breite S	Länge W	Tiefe IS	Tiefe HS	Spektr. kv.	Kurs °	Wahr	Freq. PS	Pulse	Rec. Length	Wait time	Resp. Rolle	Tape No.	Bemerkungen
30.01.97	11:15	70° 43,7'	16° 54,1'	4611	4587	9,7	84	Hillenbrand	4	2	133	0	7	35	
	11:30	43,4	47,0'	4591	4568	9,7	83	"	"	"	"	"	"	"	
	11:45	43,1	39,7	4606	4572	9,7	83	"	"	"	"	"	"	"	
	12:00	42,8	32,6	4574	4539	9,8	81,2	Wohlenbay	"	"	"	"	"	"	
	15	42,6	25,0	4493	4460	9,6	83,4	"	"	"	"	"	"	"	
	30	42,3	17,9	4429	4403	9,8	82,7	"	"	"	"	"	"	"	
	45	42,0	10,5	4494	4459	9,6	83,1	"	"	"	"	"	"	"	
	13:00	41,8	03,5	4547	4535	9,7	83,4	"	"	"	"	"	"	"	
	15	41,5	15° 56,2	4566	4558	9,4	84,3	"	"	"	"	"	"	"	
	30	41,3	49,2	4502	4578	9,5	82,7	"	"	"	"	"	"	"	Dartisches Jämländspray bei 13:20 (ca. 20m) ↘
	45	41,0	42,2	4547	4524	9,6	84,4	"	"	"	"	"	"	"	
	14:00	40,8	34,7	4550,0	4531,0	9,9	84,3	Raelberg	"	"	"	"	"	"	
	14:15	40,5	27,4	4552,0	4519,0	10,0	85,6	"	"	"	"	"	"	"	
	14:30	40,3	20,1	4451,0	4251,0	9,7	85,3	"	"	"	"	"	"	"	
	14:45	40,1	13,0	3436,0	3513,0	9,6	84,3	"	"	"	"	"	"	"	kein Signal durch Steigung an Kontinentalung
	15:00	39,9	05,6	3285,0	3269,0	9,7	85,2	"	"	"	"	"	"	"	
	15:15	39,6	14° 58,3	3291,0	3456,0	9,7	84,5	"	"	"	"	"	"	"	
	15:30	39,4	41,3	3139,0	3140,0	9,4	83,3	"	"	"	"	"	"	"	
	15:45	39,2	44,1	3098,0	3076,0	9,8	81,3	"	"	"	"	"	"	"	
	16:00	38,975	37,029	3114	3139	9,5	86,7	Zetzman	"	"	"	"	"	"	Sehr unsicher in der letzten 1/2 h
?	16:15	38,377	30,039	3114	3139	9,3	70,4	"	"	"	"	"	"	"	Kein Signal! -> Wegener canyon
	16:30	37,559	23,455	4163	4096	9,6	66,3	"	"	"	"	"	"	"	kurzes ebenes Stück
	16:45	70° 36,837	17,217	3296	3326	9,3	64,1	"	"	"	"	"	"	"	Kein Signal ->
	17:00	70° 25,709	14° 20,861	2949	2934	8,9	80,6	"	"	"	"	"	"	"	
	17:15	70° 35,335	14° 04,287	2860	2840	8,7	81,7	"	"	"	"	"	"	"	
	17:30	70° 34,971	12° 58,955	2766	2734	8,9	86,0	"	"	"	"	"	"	"	Nur vereinzelt Signale!
	17:45	70° 34,250	12° 51,864	2680	2640	9,4	84,0	"	"	"	"	"	"	"	
	18:00	70° 34,564	13° 45,355	2594	2559	8,7	85,5	J. Ruppberg	"	"	"	"	"	"	
	18:15	70° 34,454	13° 38,822	2519	2487	9,1	88,3	"	"	"	"	"	"	"	
	18:30	70° 34,458	13° 31,663	2430	2389	9,4	90,4	"	"	"	"	"	"	"	
	18:45	70° 34,452	13° 24,564	2403	2373	9,0	87,0	"	"	"	"	"	"	"	
	19:00	70° 34,367	13° 17,802	2388	2328	9,8	84,0	"	"	"	"	"	"	"	
	19:15	70° 34,102	13° 10,547	2307	2269	9,5	85,4	"	"	"	"	"	"	"	
	19:30	70° 33,896	13° 03,715	2256	2219	9,2	90,4	"	"	"	"	"	"	"	
	19:45	70° 33,897	12° 56,282	2226	2192	8,8	90,1	"	"	"	"	"	"	"	
	20:00	34,1	49,8	2216	2184	9,4	110	Kuba	"	"	"	"	"	"	
	:15	34,5	43,8	2186	2154	7,6	77	"	"	"	"	"	"	"	
	:30	34,2	38,5	2171	2137	7,9	83	"	"	"	"	"	"	"	
	:45	34,0	32,4	2140	2107	8,9	83	"	"	"	"	"	"	"	
	21:00	33,8	25,5	2138	2103	7,9	83	"	"	"	"	"	"	"	Eindringtiefe > 50m



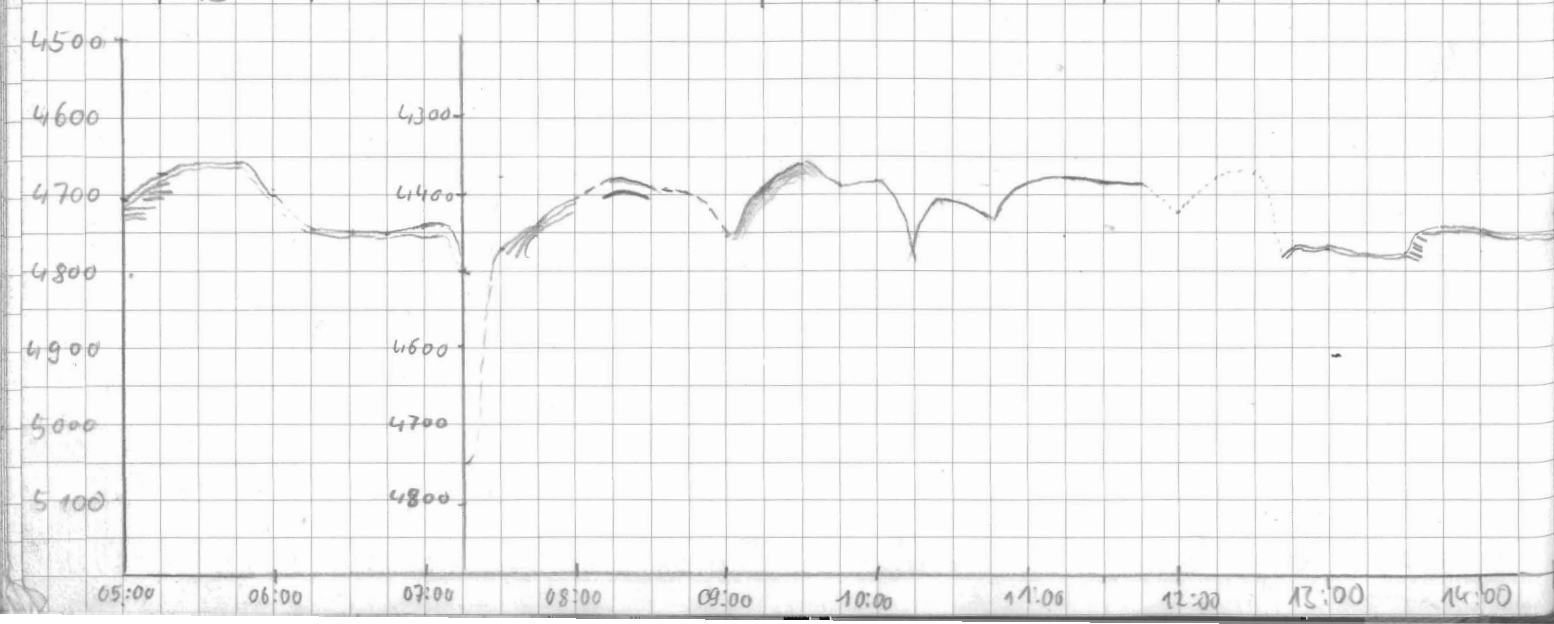
Datum	Zeit UTC	Breit. ϕ S	Länge ω	Tiefe PS	Tiefe HS	Geschw. km	Kings	Wache	Freq. PS	Pulse	Rec Length	Wait time	Dose Rolle	Tape No.	
30.01.97	21:15	70°33,40	12°19,06	2127	2094	9,4	77	Kuhn	4	2	133	0	7	35	
	21:30	32,8	13,2	2087	2046	7,8	76	"	"	"	"	"	"	"	
	21:45	36,6	07,0	2022	1988	9,2	83	"	"	"	"	"	"	"	
	22:00	32,2	12° 0,0	2027	1996	9,7	87	"	"	"	"	"	"	"	
	22:15	32,0	11°52,9	2041	1998	9,0	86	"	"	"	"	"	"	"	
	22:30	31,7	46,3	1178	1959	8,9	90	"	"	"	"	"	"	"	
	22:45	31,5	39,5	-	1926	8,9	89	"	"	"	"	"	"	"	
	23:00	31,3	32,8	-	1889	8,8	79	"	"	"	"	"	"	"	
	:15	31,0	26,3	-	1794	9,2	87	"	"	"	"	"	"	"	
	:30	30,7	19,8	-	1680	6,5	84	"	"	"	"	"	"	"	
	:45	30,4	14,2	-	1685	9,3	79	"	"	"	"	"	"	"	
31.01.97	00:00	30,2	11,1	-	1681	5,0	93	Diekmann	"	"	"	"	"	"	
	00:18	31,0	-	1744	1709	8,3	130	"	"	"	"	"	"	"	
	00:30	32,0	-	1715	1715	9,0	129	"	"	"	"	"	"	"	
	00:45	33,2	10° 51,3'	-	1627	8,1	129	"	"	"	"	"	"	"	
	01:00	34,0	44,9'	-	1567	8,5	79	"	"	"	"	"	"	"	01:03 Storage/ Table/ Online abgeschaltet paper speed \rightarrow 1:100000 Rec. off , Ende Tape 35
1.02.97	7:36	70°36,8'	11°08,2'	1559	1521	8,3	262	Kuhn	4	2	"	"	8	36	
	7:48	37,0'	12,7'	1604	1572	7,2	252	"	"	"	"	"	"	"	
	8:00	37,3'	15,9'	1628	1596	7,1	259	Hillenbrand	"	"	"	"	"	"	
	8:15	37,5'	21,8'	1684	1654	7,9	274	"	"	"	"	"	"	"	
	8:30	37,3	27,4	1751	1716	6,2	288	"	"	"	"	"	"	"	08:39 Station PS 2797 MUC 70°37,05 S 11°30,29 W
	10:00	38,9	33,7	1775	1741	7,0	218	Kuhn	"	"	"	"	"	"	
	10:16	40,4	37,4	1782	1745	6,7	219	"	"	"	"	"	"	"	
	10:30	41,8	40,6	1791	1757	7,7	208	"	"	"	"	"	"	"	
	10:45	41,9	42,7	1803	1790	6,5	328	"	"	"	"	"	"	"	
	11:00	39,9	45,8	1857	1817	8,2	325	"	"	"	"	"	"	"	
	11:15	38,5	48,9	1882	1848	7,9	326	"	"	"	"	"	"	"	
	11:31	36,4	52,7	1907	1874	8,0	329	"	"	"	"	"	"	"	
	:45	34,9	55,7	1945	1912	8,2	326	"	"	"	"	"	"	"	
	12:00	33,2	59,0	2004	1967	6,7	324	"	"	"	"	"	"	"	
	12:15	31,6'	120° 02,2'	2019	1982	7,1	328	Diekmann	"	"	"	"	"	"	Eindringtiefe ~20 m
	12:30	30,2'	05,0'	2060	2025	7,1	330	"	"	"	"	"	"	"	
	12:45	28,6'	08,2'	2023	2047	8,3	328	"	"	"	"	"	"	"	
	13:00	27,2'	10,3'	2128	2089	3,2	331	"	"	"	"	"	"	"	
	13:15	26,4'	12,3'	2147	2109	4,8	323	"	"	"	"	"	"	"	40m Eindringtiefe
	13:30	25,8'	15,7'	2171	2131	3,4	331	"	"	"	"	"	"	"	
	13:45	24,6'	16,0'	2207	2167	6,5	325	"	"	"	"	"	"	"	
	14:00	23,4'	18,2'	2252	2216	6,2	329	"	"	"	"	"	"	"	
	14:15	22,1'	20,8'	2295	2254	7,6	326	"	"	"	"	"	"	"	
	14:30	20,8'	23,4'	2335	2293	6,3	328	"	"	"	"	"	"	"	
	14:45	19,3'	26,4'	2394	2352	6,8	326	"	"	"	"	"	"	"	



Datum	Zeit UTC	Brüte (OS)	Länge (°W)	Tiefe PS	Tiefe HS	Geschw. (km)	Kurs (°)	Wache	Freq. PS	Phase	Rec. Length	Zeit Time	DESO-Rolle	Tape-Nr.	Bemerkungen
01.02.97	15:00	70° 18.2'	12° 22.6'	2423	2382	7.2	327	Dietmann	4	2	133	0	8	36	
	15:15	16.7'	31.4'	2520	2488	4.3	336	"	"	"	"	"	"	"	
	15:30	15.5'	33.8'	2583	2544	7.6	327	"	"	"	"	"	"	"	
	15:45	14.2'	35.1'	2671	2632	5.7	343	"	"	"	"	"	"	"	20 m Eindringtiefe
	16:00	12.8'	35.8'	2728	2691	4.8	323	"	"	"	"	"	"	"	
	16:15	11.0	38.4'	2778	2735.0	8.7	333.4	Raelberg	"	"	"	"	"	"	
	16:30	09.2	41.7'	3409.0	3392.0	9.0	336.0	"	"	"	"	"	"	"	kontinentallang wieder ranter
	16:45	07.8	45.6	3895.4	3867.0	7.6	313.2	"	"	"	"	"	"	"	
	17:00	06.6	49.3	4251.5	4196.6	7.2	311.6	"	"	"	"	"	"	"	
	17:15	05.4	53.3	4332.1	4267.0	7.1	313.4	"	"	"	"	"	"	"	
	17:30	03.9	56.5	4321.5	4298.0	7.3	328.0	"	"	"	"	"	"	"	
	17:45	02.4	59.6	4349.9	4312.0	7.5	326.2	"	"	"	"	"	"	"	
	18:00	70° 00.8	13° 02.5	4387.2	4367.0	7.5	328.6	Elba	"	"	"	"	"	"	
	18:15	69° 59.3	05.3	4412.3	4404.0	7.3	327.3	"	"	"	"	"	"	"	
	18:30	57.7	08.1	4435.0	4428.0	7.7	328.3	"	"	"	"	"	"	"	
	18:45	56.2	11.0	4444.6	4420.0	6.9	327.2	"	"	"	"	"	"	"	
	19:00	54.7	13.9	4492.4	4469.0	7.5	327.7	"	"	"	"	"	"	"	
	19:15	53.1	16.9	4476.7	4451.0	7.7	327.0	"	"	"	"	"	"	"	
	19:30	51.4	20.0	4479.5	4457.0	7.8	325.4	"	"	"	"	"	"	"	
	19:45	50.1	24.1	4559.0	4681.0	7.8	310.9	"	"	"	"	"	"	"	
	20:00	49.4	26.0	4753.7	4721.0	0.7	266.2	"	"	"	"	"	"	"	Beginn Station: Dredgen
	20:15														Ende Station: Dredgen
02.02.97	01:30	69° 48.8	13° 26.4	4701	4685	5.1	327	Ulabach	"	"	"	20	"	"	
	1:45	47.7	28.9	4659	4634	5.1	321	"	"	"	"	20	"	"	
	2:00	46.8	31.2	4677	4653	5.0	322	"	"	"	"	0	"	"	
	2:15	45.6	31.3	4720	4694	5.2	6.6	"	"	"	"	"	"	"	
	2:30	44.4	30.9	4722	4697	4.4	9.5	"	"	"	"	"	"	"	
	2:45	43.2	30.4	4719	4650	4.7	7.4	St. Schurmadde	"	"	"	"	"	"	Eindringtiefe nur ca. 10m
	03:00	42.1	30.0	4727	4713	4.9	5.4	"	"	"	"	"	"	"	"
	03:15	40.9	29.6	4731	4650	4.5	3.5	"	"	"	"	"	"	"	"
	03:30	40.4	29.6	4735	4723	5.7	191.7	"	"	"	"	"	"	"	"
	03:45	41.5	29.8	4727	4715	3.9	183.7	"	"	"	"	"	"	"	"
	04:00	42.5	30.2	4726	4713	3.8	191.7	"	"	"	"	"	"	"	"
	04:15	43.4	30.6	4718	4706	3.3	179.7	"	"	"	"	"	"	"	04:18 Wechsel Band 36 -> Band 37, Eindringtiefe nur ca. 10m
	04:30	44.3	30.8	4720	4708	3.6	188.1	"	"	"	"	"	"	37	Eindringtiefe nur ca. 10m
	04:45	45.1	31.2	4725	4716	3.5	185.3	"	"	"	"	"	"	"	Eindringtiefe ca. 15m
	05:00	46.0	31.5	4705	4696	3.3	190.8	"	"	"	"	"	"	"	Eindringtiefe ca. 30m
	05:15	46.9	31.1	4672	4650	5.7	122.8	"	"	"	"	"	"	"	Eindringtiefe nur ca. 10m

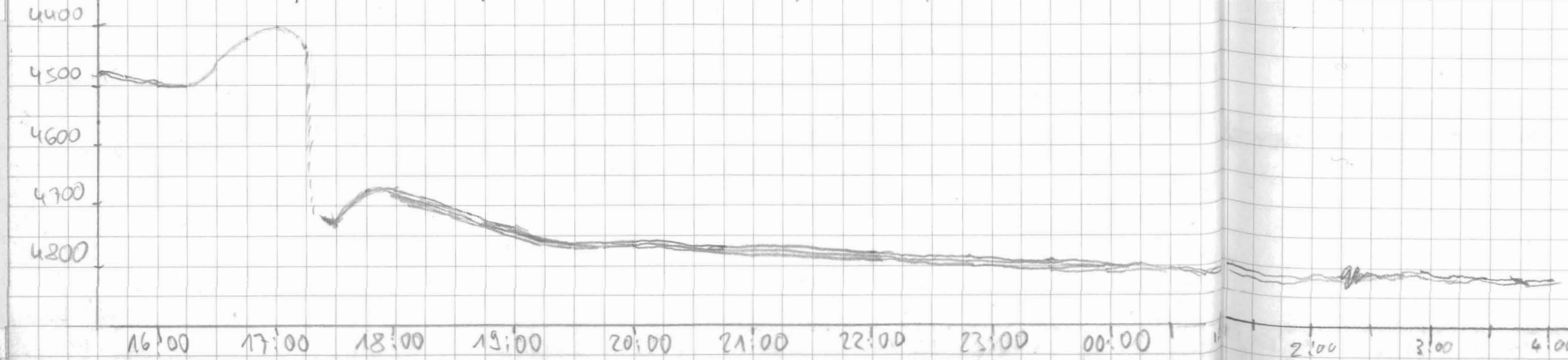


Datum	Zeit UTC	Breite (°S)	Länge (°W)	Tiefe PS	Tiefe HS	Geschw. (km)	Kurs (°)	Wache	Freq. PS	Pulse	Rec. Länge	Warte Time	Deso Rolle	Tape Nr.	Bemerkung
02.02.97	05:30	69° 47,6	13° 29,3	4661	4646	2,1	142,6	St. Schumacher	4	2	133	0	8	37	Eindringtiefe nur ca. 10m
	05:45	48,2	27,7	4669	4657	2,7	157,5	"	"	"	"	"	"	"	"
	06:00	48,8	26,4	4704	4695	2,5	128,2	"	"	"	"	"	"	"	Fahrt wird reduziert auf ca. 1km, starkes Hintergrundrauschen
	06:15	49,1	25,8	4752	4735	1,0	147,0	"	"	"	"	"	"	"	St. corner wird rausgelassen, Rauschen läßt nach
	06:30	49,4	25,4	4759	4742	1,2	156,4	"	"	"	"	"	"	"	Eindringtiefe nur ca. 10m und weniger
	06:45	49,5	24,9	4758	4743	1,1	155,7	"	"	"	"	"	"	"	"
	07:00	49,8	24,2	4742	4745	1,1	156,3	"	"	"	"	"	"	"	"
	07:15	50,0	23,6	4767	4723	1,4	123,7	"	"	"	"	"	"	"	Signal wieder o.k., Eindringtiefe nur ca. 10m
	07:30	50,2	22,9	4475	4540	1,7	147,0	"	"	"	"	"	"	"	Signal schlecht, Eindringtiefe gut
	07:45	50,5	22,5	4440	4454	1,1	147,9	"	"	"	"	"	"	"	Tenster um 20m erstellt
	08:00	50,7	22,1	4406	4404	1,0	141,4	"	"	"	"	"	"	"	Signal schlecht
	08:15	50,9	21,5	4370	4366	1,1	118	Hillenbrand	4	4	"	"	"	"	kein Oberflächenreflektor erkennbar
	08:30	51,0	21,0	4385	4375	0,4	304	"	"	"	"	"	"	"	Diffractionshyperbeln und Multiplen lassen
	08:45	51,2	20,8	4381	4350	0,5	190	"	"	"	"	"	"	"	Oberflächenreflektor nur gelegentlich erkennen
	09:00	51,2	20,0	4454	4447	1,9	69	"	"	"	"	"	"	"	"
	09:15	50,8	19,3	4392	4382	2,0	348	"	"	"	"	"	"	"	"
	09:31	50,6	20,3	4368	4300	1,8	255	"	"	"	"	"	"	"	"
	09:45	50,8	21,2	4387	4376	1,9	203	"	"	"	"	"	"	"	"
	10:00	51,1	21,4	4382	4350	1,1	209	"	"	"	"	"	"	"	"
	10:15	51,2	22,3	4489	4444	2,1	311	"	"	"	"	"	"	"	"
	10:30	50,7	22,7	4410	4406	-2,2	348	"	"	"	"	"	"	"	"
	10:45	50,5	22,0	4434	4400	0,6	85	"	"	"	"	"	"	"	"
	11:00	50,6	21,7	4385	4381	1,1	150	"	"	"	"	"	"	"	"
	11:15	50,9	21,2	4373	4300	1,2	133	"	"	"	"	"	"	"	"
	11:30	51,0	20,9	4387	4388	2,0	169	"	"	"	"	"	"	"	"
	11:45	51,0	21,3	4389	4350	2,1	274	"	"	"	"	"	"	"	"
	12:00	50,6	22,4	4426	4422	2,5	63	Diekmann	"	"	"	"	"	"	"
	12:15	50,8'	22,2'	4375	4399	2,5	283	"	"	"	"	"	"	"	"
	12:30	50,8'	21,4'	4366	4350	5,6	145	"	"	"	"	"	"	"	"
	12:45	51,2'	13,2'	4473	4461	5,2	155	"	"	"	"	"	"	"	Sit 12:40 wieder vermühtiges Signal,
	13:00	52,9'	17,2'	4474	4463	5,4	145	"	"	"	"	"	"	"	10m Eindringtiefe
	13:15	54,0'	13,2'	4484	4469	4,9	147	"	"	"	"	"	"	"	"
	13:30	55,0'	13,3'	4472	4465	5,6	147	"	"	"	"	"	"	"	"
	13:45	56,1'	11,2'	4447	4432	4,8	155	"	"	"	"	"	"	"	13:44. Tape 37 voll
	14:00	56,8'	13,5'	4450	4435	4,6	240	"	"	"	"	"	"	38	"
	14:15	57,5'	16,4'	4461	4443	5,2	235	"	"	"	"	"	"	"	"
	14:30	57,6'	19,5'	4462	4440	5,7	323	"	"	"	"	"	"	"	"
	14:45	56,6'	21,5'	4456	4430	5,7	330	"	"	"	"	"	"	"	"
	15:00	55,5'	23,2'	4457	4423	4,6	9	"	"	"	"	"	"	"	"
	15:15	54,8'	20,3'	4472	4439	5,0	57	"	"	"	"	"	"	"	"
	15:30	54,1'	17,5'	4479	4445	5,5	58	"	"	"	"	"	"	"	"

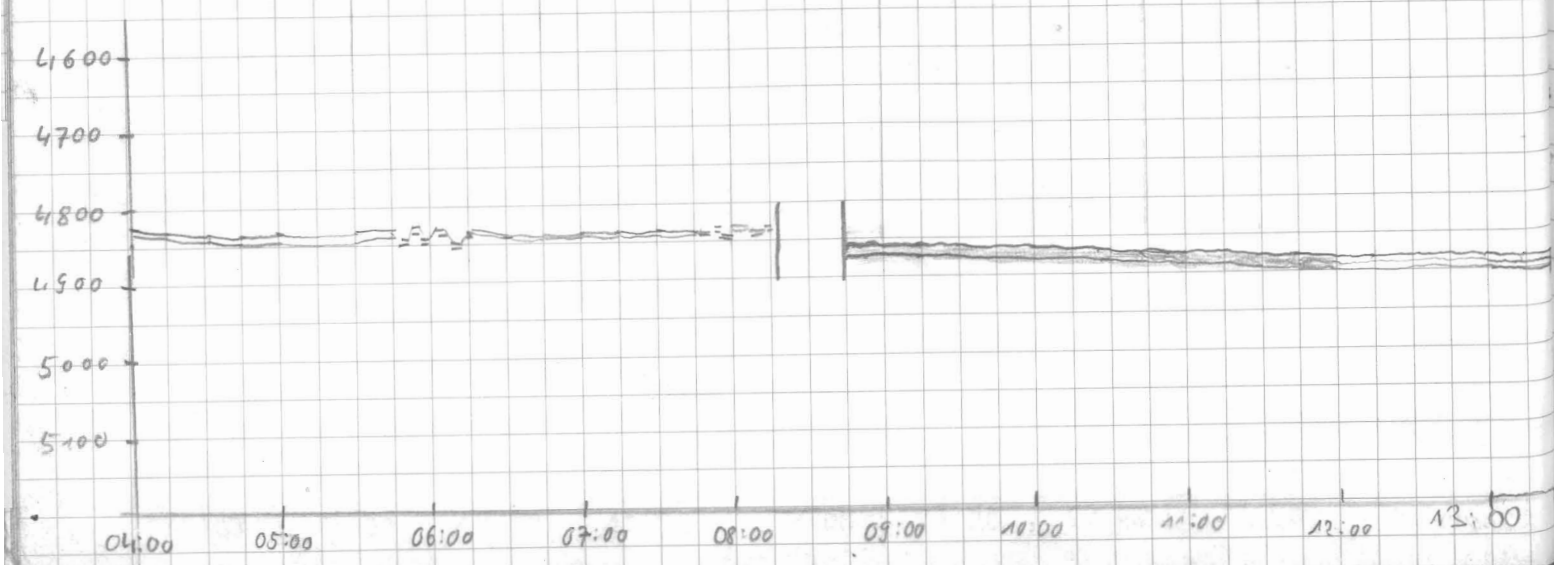


* kein eindeutiges Signal, HS und PSTiefe differieren stark

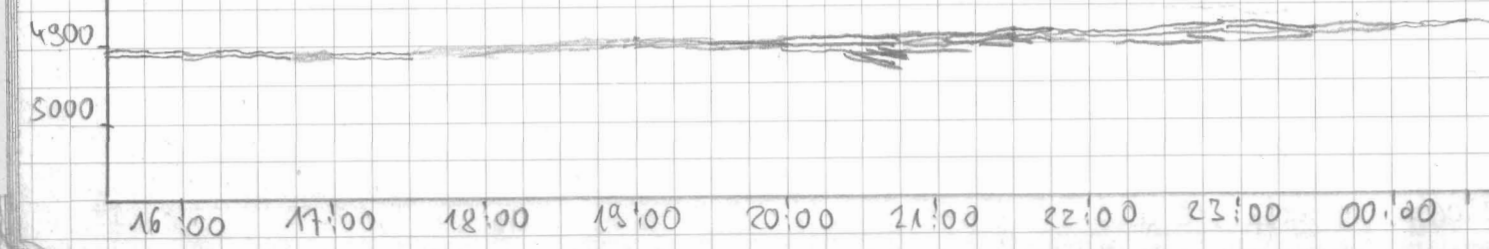
Datum	Zeit UTC	Breite (°S)	Länge (°W)	Tiefe PS	Tiefe HS	Geschw./km	Kurs (°)	Wade	Frequ	PS	Pulse	Rec. Length	Wait Time	Deso Rolle	Tape Nr	Bemerkungen
02.02.97	15:45	69° 53.5'	13° 14.5'	4425	4450	5.5	58	Dürkmann	"	"	2	133	0	8	38	
	16:00	52.2'	11.1'	4436	4457	5.5	58	"	"	"	"	"	"	"	"	
	16:15	69° 52.1'	13° 08.0'	4407	4453	5.3	12.7	Borus	"	"	"	"	"	"	"	
	16:30	51.6	11.1	4461	4425	6.1	27.0	"	"	"	"	"	"	"	"	
	16:45	51.4	15.2	4433	4395	5.5	281.8	"	"	"	"	"	"	"	"	
	17:00	51.1	19.19	4400	4392	5.6	295.6	"	"	"	"	"	"	"	"	
	17:15	50.5	22.1	4467	4458	5.6	331.4	"	"	"	"	"	"	"	"	
	17:30	45.4	24.2	4765	4730	5.4	324.2	"	"	"	"	"	"	"	"	
	17:45	48.1	26.4	4656	4638	5.3	326.6	"	"	"	"	"	"	"	"	
	18:00	47.1	28.7	4655	4636	5.1	327.7	"	"	"	"	"	"	"	"	
	18:45	69° 43.78 N	13° 35.346	4731	4716	5.6	324.4	Przemann	"	"	2	133	0	8	39	-> Ende von JAKOB!
	19:00	42.671	37.578	4739	4725	5.4	325	Przemann	"	"	"	"	"	"	"	
	19:15	41.554	39.808	4757	4744	5.5	325.6	"	"	"	"	"	"	"	"	
	19:30	40.407	42.072	4763	4747	5.5	325.3	"	"	"	"	"	"	"	"	
	19:45	39.304	44.285	4766	4752	5.7	325.2	"	"	"	"	"	"	"	"	
	20:00	38.167	46.553	4768	4750	5.6	325	"	"	"	"	"	"	"	"	
	20:15	37.07	48.91	4770	4752	5.6	325	Kuhn	"	"	"	"	2	"	"	
	:35	35.4	52.0	4771	4750	5.5	327	"	"	"	"	"	2	"	"	
	:45	34.7	53.4	4772	4750	5.6	324	"	"	"	"	"	"	"	"	Eindringtiefe ca. < 20m
	21:08	32.9	56.9	4775	4761	5.5	323	"	"	"	"	"	"	"	"	
	:30	31.3	14° 00.19'	4777	4764	5.7	325	"	"	"	"	"	"	"	"	
	:45	30.7	2.45'	4779	4763	5.5	326	"	"	"	"	"	"	"	"	
	22:00	29.0	4.7'	4781	4763	5.5	325	"	"	"	"	"	"	"	"	
	:50	25.2	12.2'	4788	4762	5.6	326	"	"	"	"	"	"	"	"	
	23:01	24.3	13.9'	4789	4762	5.2	325	"	"	"	"	"	"	"	"	
	:16	23.2	16.1'	4791	4766	5.4	325	"	"	"	"	"	"	"	"	
	:31	22.1	18.3'	4794	4769	5.4	325	"	"	"	"	"	"	"	"	
3.2.97	0:05	19.6	13.2'	4798	4775	5.3	325	"	"	"	"	"	"	"	"	
	:20	18.5	25.2	4800	4777	5.4	327	Usbeck	"	"	"	"	"	"	"	
	:30	17.9	26.5	4806	4775	5.1	327	"	"	"	"	"	"	"	"	
	:45	16.8	28.7	4812	4786	5.4	325	"	"	"	"	"	"	"	"	
	1:00	15.7	30.8	4814	4799	5.2	325	"	"	"	"	"	"	"	"	
	:15	14.6	32.9	4817	4801	5.2	325	"	"	"	"	"	"	"	"	
	:30	13.6	34.9	4817	4802	5.2	325	"	"	"	"	"	"	"	"	
	:45	12.5	37.2	4818	4807	5.3	327	"	"	"	"	"	"	"	"	
	2:00	10.4	40.0	4815	4803	5.3	325	"	"	"	"	"	"	"	"	
	:15	10.3	41.3	4816	4799	5.2	325	"	"	"	"	"	"	"	"	
	:30	9.2	43.5	4815	4796	5.2	327	"	"	"	"	"	"	"	"	
	:45	8.2	45.5	4816	4797	5.4	323	"	"	"	"	"	"	"	"	
	3:00	7.1	47.6	4820	4805	5.3	324	"	"	"	"	"	"	"	"	
	:15	6.0	49.7	4823	4809	5.3	325	"	"	"	"	"	"	"	"	
	:30	4.9	51.7	4826	4814	5.5	325	"	"	"	"	"	"	"	"	
	:45	3.4	53.7	4829	4817	5.6	324	"	"	"	"	"	"	"	"	
	4:00	02.7	56.1	4826	4815	5.4	327.1	St. Schumacher	"	"	"	"	"	"	"	



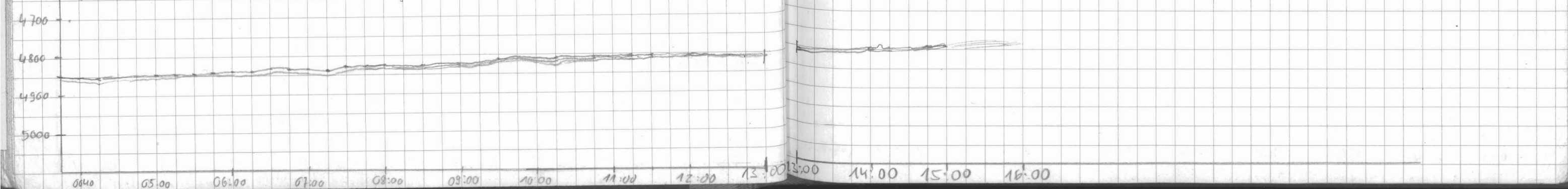
Datum	Zeit	Breite	Länge	Tiefe PS	Tiefe HS	Spd. Kn	Kurs	Wache	Frequ. PS	Pulse	Record Length	Wait time	Deso Rolle	Tape No	Bemerkungen
03.02.97	04:15	69° 01,5	14° 58,2	4829	4819	5,5	327,3	St. Schumacher	4	2	133	2	8	39	Eindringtiefe nur ca. 10m
	04:30	00,3	15° 00,2	4831	4823	5,4	329,0	"	"	"	"	"	"	"	"
	04:45	68° 59,2	02,2	4833	4825	5,4	329,2	"	"	"	"	"	"	"	Eindringtiefe ca. 15m
	05:00	58,0	04,2	4834	4829	5,4	328,0	"	"	"	"	"	"	"	"
	05:15	56,8	06,2	4835	4833	5,9	327,4	"	"	"	"	"	"	"	"
	05:30	55,6	08,3	4837	4834	5,8	330,0	"	"	"	"	"	"	"	"
	05:45	54,4	10,3	4838	4840	5,6	329,0	"	"	"	"	"	"	"	05:47 "Zickzack" - Reflektion, Eindringtiefe ca. 15m
	06:00	53,2	12,4	4834	4840	5,6	329,2	"	"	"	"	"	"	"	"Tiefe HS+PS schwankt um 10m
	06:15	52,1	14,4	4839	4837	5,7	328,6	"	"	"	"	"	"	"	Reflektor hat sich wieder bewegt
	06:30	50,9	16,3	4842	4840	5,3	329,8	"	"	"	"	"	"	"	Eindringtiefe ca. 15m, 06:39 "Zickzack" Reflektion
	06:45	49,7	18,4	4846	4837	5,6	328,9	"	"	"	"	"	"	"	E 64 e
	07:00	48,5	20,2	—	4840	5,6	329,1	"	"	"	"	"	"	"	Neustart, da Tiefe PS sich aufgehängt hat
	07:01	48,4	20,7	4833	4838	5,3	329,0	"	"	"	"	"	"	"	Reflektor ok. Eindringtiefe ca. 15m
	07:15	47,4	22,4	4835	4836	5,5	328,5	"	"	"	"	"	"	"	"
	07:30	46,2	24,4	4837	4840	5,3	327,6	"	"	"	"	"	"	"	"
	07:45	45,0	26,4	4838	4840	5,8	328,0	"	"	"	"	"	"	"	"
	08:00	43,8	28,5	4845	4844	5,5	328,1	"	"	"	"	"	"	"	"
	08:15	42,6	30,4	4837	4849	5,4	330	Hilfenbrand	"	"	"	"	"	"	"
	08:45	40,3	34,3	4856	4849	5,6	326	"	"	"	"	"	"	"	08:00: sprunghafte Versätze d. Reflektoren
	09:00	39,1	36,4	4858	4846	5,5	328	"	"	"	"	"	"	"	im Parasond- u. Deso-Fenster; Oberfläche
	09:15	37,9	38,3	4861	4846	5,4	326	"	"	"	"	"	"	"	d. obersten Reflektors wirkt "zerhackt"
	09:30	36,8	40,3	4862	4850	5,4	326	"	"	"	"	"	"	"	08:25: Neustart
	09:45	35,6	42,3	4865	4846	5,5	328	"	"	"	"	"	"	"	08:41: Aufzeichnung an; Ursache f.
	10:00	34,5	44,1	4867	4851	5,4	327	"	"	"	"	"	"	"	Versätze d. Reflektoren: Hiervon wird
	10:16	33,2	46,2	4868	4852	5,3	329	"	"	"	"	"	"	"	nicht ausgeglichen
	10:30	32,2	48,0	4869	4849	5,3	329	"	"	"	"	"	"	"	08:45: Aufzeichnung wieder normal
	10:45	31,1	49,8	4871	4844	5,3	328	"	"	"	"	"	"	"	ET ~ 15m
	11:00	29,5	51,8	4872	4851	5,4	329	"	"	"	"	"	"	"	ab 09:00: Aufzeichnung spiegelt zeitweise
	11:15	28,8	53,7	4872	4850	5,2	328	"	"	"	"	"	"	"	Wellenbewegung wieder
	11:30	27,7	55,5	4874	4845	5,3	328	"	"	"	"	"	"	"	ab 11:00: ET ~ 20m
	11:45	26,5	47,4	4873	4849	5,2	328	"	"	"	"	"	"	"	"
	12:00	25,4	59,3	4873	4853	5,1	327	"	"	"	"	"	"	"	"
	12:15	24,2	16° 01,3'	4872	4860	5,5	328	Dielmann	"	"	"	"	"	"	Eindringtiefe ~ 20m
	12:30	23,1	03,2'	4872	4866	5,3	330	"	"	"	"	"	"	"	"
	12:45	22,0	05,0'	4873	4866	4,9	325	"	"	"	"	"	"	"	"
	13:00	20,9	06,8'	4873	4863	5,4	330	"	"	"	"	"	"	"	"
	13:15	19,7	08,2'	4872	4861	5,7	327	"	"	"	"	"	"	"	"
	13:30	18,5	10,2'	4872	4857	5,7	331	"	"	"	"	"	"	"	"
	13:45	17,3	16,1'	4873	4860	5,5	330	"	"	"	"	"	"	"	"
	14:00	16,1	14,2'	4874	4861	5,7	330	"	"	"	"	"	"	"	"
	14:15	14,9	16,8'	4876	4861	5,6	328	"	"	"	"	"	"	"	"



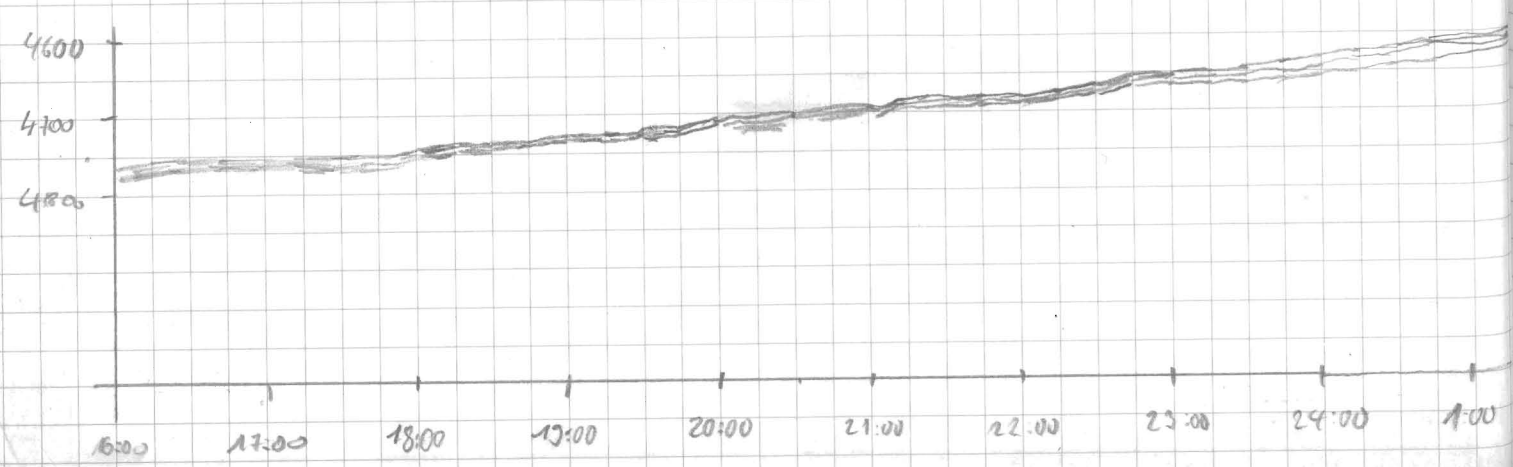
Datum	Zeit (UTC)	Breite (°S)	Länge (°W)	Tiefe PS	Tiefe HS	Geschw. (km)	Kurs (°)	Wache	Frequ. PS	Pulse	Rec. Length	Wait time	Deso. Rolle	Tape Nr.	Bemerkungen
04.02.97	15:45	68°02.5'	20°54.2'	4905	4875	5.2	267	Jimmann	4	2	133	2	8	40	
	16:00	02.5	57.5	4907	4875	5.3	267	Elva	"	"	"	"	"	"	
	16:15	02.6	21°00.0	4905	4877	5.4	268	"	"	"	"	"	"	"	
	:30	02.6	04.6	4906	4880	5.3	267	"	"	"	"	"	"	"	
	:45	02.7	08.0	4908	4878	5.3	268	"	"	"	"	"	"	"	
	17:00	02.7	11.6	4909	4877	5.4	268	"	"	"	"	"	"	"	
	:15	02.8	15.2	4909	4879	5.3	267	"	"	"	"	"	"	"	
	:30	02.8	18.8	4909	4871	5.7	269	"	"	"	"	"	"	"	
	:45	02.9	22.4	4908	4877	5.5	267	"	"	"	"	"	"	"	
	18:00	02.9	25.8	4907	4877	5.5	269	Boris	"	"	"	"	"	"	
	18:15	03.0	29.5	4907	4875	5.2	270.5	"	"	"	"	"	"	"	
	:30	3.0	32.8	4906	4880	5.2	269	"	"	"	"	"	"	"	
	:45	3.0	36.4	4905	4880	5.7	270	"	"	"	"	"	"	"	
	19:00	3.0	40.2	4903	4882	5.4	269	"	"	"	"	"	"	"	
	:15	3.2	43.9	4890	2590	5.5	265	"	"	"	"	"	"	"	
	:30	3.2	47.2	4900	4889	5.5	266	"	"	"	"	"	"	"	
	:45	3.3	50.9	4900	4888	5.4	267	"	"	"	"	"	"	"	
	20:00	3.3	54.6	4900	4880	5.5	270	"	"	"	"	"	"	"	
	:15	3.4	58.4	4894	4888	5.5	267	"	"	"	"	"	"	"	
	:30	3.4	22°02.0	4898	4884	5.5	269	Kulm	"	"	"	"	"	"	
	:45	3.5	05.6	4896	4883	5.5	269	"	"	"	"	"	"	"	Freidringtule >30m, Diskordanz
	21:00	3.6	09.4	4895	4875	5.5	269	"	"	"	"	"	"	"	
	:15	3.6	13.0	4893	4870	5.5	271	"	"	"	"	"	"	"	
	:30	3.7	16.8	4897	4867	5.6	269	"	"	"	"	"	"	"	
	22:03	3.8	25.2	4888	4866	5.8	269	"	"	"	"	"	"	"	
	:25	3.9	30.6	4886	4860	5.8	269	"	"	"	"	"	"	41	Tape 40 → 41
	:51	4.0	37.3	4893	4854	5.9	268	"	"	"	"	"	"	"	
	23:31	4.1	47.8	4881	4845	5.9	271	"	"	"	"	"	"	"	
05/02/97	0:00	4.2	55.4	4879	4848	5.9	267	Ulva	"	"	"	"	"	"	
	:15	4.3	59.2	4876	4846	5.9	268	"	"	"	"	"	"	"	
	:30	4.3	23°03.2	4877	4845	5.6	267	"	"	"	"	"	"	"	
	:45	4.4	07.0	4876	4842	5.9	270	"	"	"	"	"	"	"	
	01:00	4.4	10.9	4877	4838	5.8	268	"	"	"	"	"	"	"	
	:15	4.5	14.8	4870	4828	5.9	268	"	"	"	"	"	"	"	
	:32	4.6	19.2	4866	4829	5.6	268	"	"	"	"	"	"	"	
	:45	4.6	22.7	4865	4833	5.7	268	"	"	"	"	"	"	"	
	02:00	4.7	26.4	4867	4839	5.8	264	"	"	"	"	"	"	"	
	:15	4.7	30.1	4870	4844	5.6	267	"	"	"	"	"	"	"	
	:30	4.8	33.7	4869	4847	5.7	269	"	"	"	"	"	"	"	
	:45	4.8	37.6	4867	4844	5.7	268	"	"	"	"	"	"	"	
	03:00	4.9	41.3	4859	4837	5.7	267	"	"	"	"	"	"	"	
	:15	4.9	45.1	4859	4836	5.4	269	"	"	"	"	"	"	"	
	:30	5.0	48.7	4853	4825	5.4	267	"	"	"	"	"	"	"	
	:45	5.0	52.4	4852	4820	5.7	268	"	"	"	"	"	"	"	



Datum	Zeit	Breite	Länge	Tiefe PS	Tiefe HS	Geschw Km	Werte 0	Wache	Prof. PS	Prof. HS	Rec. Length	wait time	Diso Rollt	Tupel No	Bemerkungen
05/02/97	4:00	68°05,1	23°56,1	4850	4820	5,4	269	Wachmann	4	2	133	0	8	41	Wachsel Weithöhe 2 → 0
	04:15	05,1	59,8	4850	4820	5,4	267,9	St. Schumacher	"	"	"	"	"	"	4,20 "
	04:30	05,2	24°03,2	4849	4823	5,6	267,1	"	"	"	"	2	"	"	"
	04:45	05,2	07,1	4849	4818	5,3	267,8	"	"	"	"	"	"	"	"
	05:00	05,3	10,6	4849	4821	5,2	267,0	"	"	"	"	"	"	"	"
	05:15	05,3	14,1	4848	4822	5,2	268,1	"	"	"	"	"	"	"	"
	05:30	05,4	17,7	4847	4824	5,4	269,2	"	"	"	"	"	"	"	"
	05:45	05,4	21,4	4844	4822	5,4	266,7	"	"	"	"	"	"	"	"
	06:00	05,5	24,9	4842	4818	5,2	267,4	"	"	"	"	"	"	"	"
	06:15	05,5	28,8	4842	4818	5,2	267,4	"	"	"	"	"	"	"	"
	06:30	05,6	32,4	4838	4816	5,5	265,9	"	"	"	"	"	"	"	"
	06:45	05,7	36,2	4837	4814	5,5	267,7	"	"	"	"	"	"	"	"
	07:00	05,7	39,9	4838	4815	5,9	266,6	"	"	"	"	"	"	"	"
	07:15	05,8	43,7	4839	4808	5,4	267,9	"	"	"	"	"	"	"	"
	07:30	05,8	46,9	4830	4801	4,8	268,5	"	"	"	"	"	"	"	Lichter Anstieg, Linsen, Höhe ca. 20m
	07:45	05,9	50,1	4828	4799	4,8	267,6	"	"	"	"	"	"	"	"
	08:00	05,9	53,4	4831	4801	5,4	268,2	"	"	"	"	"	"	"	"
	8:15	6,0	57,1	4830	4805	5,9	268	Kühn	"	"	"	2	"	"	"
	8:30	6,2	25°00,4	4832	4807	5,1	173	"	"	"	"	"	"	"	"
	8:45	7,6	0,4	4827	4803	5,8	180	"	"	"	"	"	"	"	"
	9:00	09,1'	0,4	4821	4801	5,8	179	"	"	"	"	"	"	"	"
	9:15	10,5'	0,4	4821	4805	5,6	178	"	"	"	"	"	"	"	"
	9:31	12,1'	0,4	4817	4798	5,7	179	"	"	"	"	"	"	"	"
	10:17	16,5'	0,4	4814	4790	5,7	181	"	"	"	"	"	"	"	kleine Rinne
	10:45	19,2'	0,4	4812	4786	5,7	181	"	"	"	"	"	"	"	"
	11:15	22,1'	0,4	4810	4772	5,9	180	"	"	"	"	"	"	"	Rinne Δt ca. 3m
	11:33	23,8'	0,4	4807	4767	5,9	181	"	"	"	"	"	"	"	"
	12:00	26,4'	0,4	4806	4764	5,7	181	Wachmann	"	"	"	"	"	"	"
	12:15	27,9'	0,3	4805	4768	5,7	181	"	"	"	"	"	"	"	"
	12:30	29,3'	0,3	4807	4771	6,0	179	"	"	"	"	"	"	"	"
	12:45	30,8'	00,3	4807	4777	5,7	178	Dellmann	"	"	"	"	"	"	"
	13:00	32,1'	00,4	4805	4780	5,9	182	"	"	"	"	"	"	"	"
	13:15	34,0'	00,7	4806	4781	6,1	181	"	"	"	"	"	"	"	"
	13:30	35,4'	00,3	4805	4778	5,8	167,9	St. Schumacher	"	"	"	"	"	"	"
	13:45	36,8'	25°00,0'	4802	4776	6,2	181	Dellmann	"	"	"	"	"	"	"
	14:00	38,1'	25°00,0'	4799	4778	5,9	181	"	"	"	"	"	"	"	"
	14:15	39,8'	00,0'	4795	4772	6,7	179	"	"	"	"	"	"	"	"
	14:30	41,2'	25°00,0	4793	4769	6,3	180,5	St. Schumacher	"	"	"	"	"	"	"
	14:45	42,9'	0,0	4790	4766	6,4	181	"	"	"	"	"	"	"	"
	15:00	44,9'	0,0	4788	4756	6,4	180	"	"	"	"	"	"	"	"
	15:30	47,6'	0,0	4781	4747	6,4	180	Kühn	"	"	"	"	9	"	"
	16:00	6850,858	25,00001	4772	4736	6,5	179	Dellmann	"	"	"	"	9	"	"

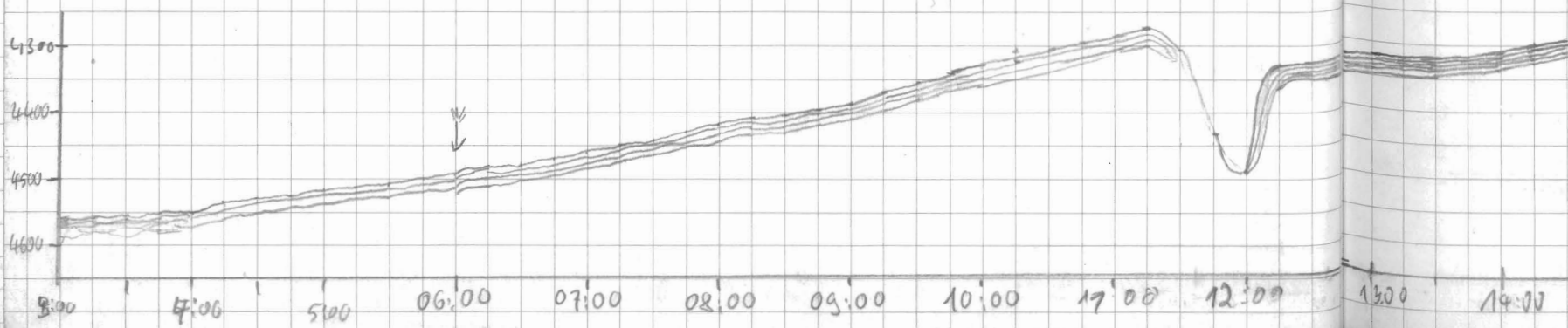


Datum Zeit	Breite	Länge	Tide PS	Tide HS	V [km]	Wms	Wadre	Freq. PS	Pulse	Rec Length	Wait Time	Deso Rolle	Tape No	Zusatzkennung
05.02.97 16:15	68° 52,194	24° 59992	4770	4738	6.2	181.3	Tulzmann	4	2	133	2	9	41	
05.02.97 16:30	68° 54,011	24° 59999	4765	4738	6.3	178.6	"	4	2	133	2	9	41	
16:45	55,199	59999	4760	4734	6.0	178	"	"	"	"	"	"	"	
17:00	56,626	25,00002	4759	4740	5.4	179.9	"	"	"	"	"	"	"	
17:15	57,972	25,00000	4754	4738	5.3	178.4	"	"	"	"	"	"	"	
17:30	59,306	24,59998	4751	4739	6.4	179.4	"	"	"	"	"	"	"	
17:45	68° 00,639	25,00002	4750	4732	6.7	179.3	"	"	"	"	"	"	"	
18:00	69° 02,06	25° 00,00	4746	4733	4.5	173	Steffens	"	"	"	"	"	"	
15	69° 03,47	24° 59,99	4740	4723	5.6	181	"	"	"	"	"	"	"	
30	69° 04,86	25° 00,00	4739	4721	5.7	181	"	"	"	"	"	"	"	
45	69° 06,15	25° 00,00	4735	4718	5.4	181	"	"	"	"	"	"	"	
19:00	69° 07,55	25° 00,00	4730	4712	5.5	181	"	"	"	"	"	"	"	
15	69° 08,92	25° 00,00	4729	4712	5.7	179	"	"	"	"	"	"	"	
30	69° 10,28	25° 00,00	4725	4708	5.5	180	"	"	"	"	"	"	"	
45	69° 11,67	25° 00,00	4721	4704	5.5	179	"	"	"	"	"	"	"	
20:00	13,0	0,0	4718	4697	5.5	180	Kuhlen	"	"	"	"	"	"	
15	14,4	0,0	4710	4687	5.4	181	"	"	"	"	"	"	"	
30	15,8	0,0	4706	4682	5.7	179	"	"	"	"	"	"	"	
46	17,4	0,0	4698	4673	5.6	180	"	"	"	"	"	"	"	Mudwaves
21:01	18,7	0,0	4683	4666	5.6	181	"	"	"	"	"	"	"	
15	20,1	0,0	4688	4660	5.4	180	"	"	"	"	"	"	"	
30	21,5	0,0	4683	4653	6.0	180	"	"	"	"	"	"	"	
45	22,9	0,0	4681	4651	5.7	181	"	"	"	"	"	"	"	
22:02	24,6	0,0	4678	4642	5.8	180	"	"	"	"	"	"	"	
16	26,0	0,0	4670	4638	5.6	181	"	"	"	"	"	"	"	
30	27,2	0,0	4663	4628	5.9	179	"	"	"	"	"	"	"	
45	28,7	0,0	4663	4626	5.7	179	"	"	"	"	"	"	"	
23:00	30,1	0,0	4658	4628	5.7	180	"	"	"	"	"	"	"	Einbringhöhe ca. -30m Ampl. 2400mV
17	31,8	0,0	4653	4621	5.8	179	"	"	"	"	"	"	"	
30	32,9	0,0	4647	4612	5.2	180	"	"	"	"	"	"	"	
45	34,4	0,0	4641	4607	3.7	180	Wald	"	"	"	2	"	"	0:12 Tape 41 → 42
06/02/97 00:00	35,9	0,0	4635	4595	5.9	179	"	"	"	"	2	"	"	0:19 work time 2 → 0
15	37,3	0,0	4627	4586	5.8	181	"	"	"	"	0	"	"	
30	38,8	0,0	4623	4585	5.7	181	"	"	"	"	"	"	"	
45	40,3	0,0	4615	4576	5.8	178	"	"	"	"	"	"	"	
01 00	41,8	0,0	4611	4577	6.0	182	"	"	"	"	"	"	"	
15	43,2	0,0	4607	4573	5.9	179	"	"	"	"	"	"	"	
30	44,7	0,0	4601	4562	5.8	181	"	"	"	"	"	"	"	
46	46,3	0,0	4597	4555	5.7	178	"	"	"	"	"	"	"	
02 03	47,9	0,0	4590	4551	5.5	176	"	"	"	"	"	"	"	
15	49,0	0,0	4588	4544	6.0	180	"	"	"	"	"	"	"	
30	50,5	0,0	4581	4539	5.9	180	"	"	"	"	"	"	"	
45	51,9	0,0	4576	4539	5.4	181	"	"	"	"	"	"	"	



2:00 3:00

Datum	Zeit UTC	Richte S	Länge W	Tiefe PS	Tiefe IFS	Spektr. Ku	Kurs °	Wache	Frey IFS	Palat	Rec. Length	Wait time	Dist. Range	Typ. No	Bemerkungen
06/07/12	03:00	69°53.45	25°00.00	4569	4539	5.7	181	Unbeob	4	2	133	0	9	42	
	3:15	69°54.9	00.00	4565	4536	5.8	181	"	"	"	"	"	"	"	
	3:31	56.5	0.0	4559	4526	5.8	179	"	"	"	"	"	"	"	
	3:45	57.8	0.0	4554	4526	5.9	179	"	"	"	"	"	"	"	
	04:00	59.3	0.0	4549	4525	5.8	171	"	"	"	"	"	"	"	
	04:15	70°07.3'	25°00.0'	4542	4513	5.6	172	Jäckmann	"	"	"	"	"	"	~ 30m Eindringtiefe
	04:30	02.2'	00.0'	4536	4505	6.0	180	"	"	"	"	"	"	"	
	04:45	03.6'	00.0'	4528	4498	6.0	180	"	"	"	"	"	"	"	
	05:00	05.1'	00.0'	4521	4489	5.9	183	"	"	"	"	"	"	"	
	05:15	06.5'	00.0'	4514	4472	5.5	180	"	"	"	"	"	"	"	
	05:30	07.8'	00.0'	4510	4462	5.8	176	"	"	"	"	"	"	"	
	05:45	09.3'	00.0'	4502	4466	5.8	182	"	"	"	"	"	"	"	
	06:00	10.7'	00.0'	4495	4457	5.8	182	"	"	"	"	"	"	"	Eindringtiefe ~ 40m
	06:15	12.1'	00.0'	4487	4448	5.6	180	"	"	"	"	"	"	"	
	06:30	13.5'	00.0'	4477	4442	5.7	182	"	"	"	"	"	"	"	
	06:45	14.8'	00.0'	4469	4437	5.3	180	"	"	"	"	"	"	"	
	07:00	16.1'	00.0'	4461	4426	5.2	180	"	"	"	"	"	"	"	
	07:15	17.4'	00.0'	4449	4420	5.4	181	"	"	"	"	"	"	"	
	07:30	18.8'	00.0'	4443	4413	5.5	181	"	"	"	"	"	"	"	
	07:45	20.0'	00.0'	4431	4404	5.2	179	"	"	"	"	"	"	"	
	08:00	21.4'	00.0'	4420	4389	5.2	180	"	"	"	"	"	"	"	
	08:15	22.6	00.0	4413	4384	5.2	178	St. Schumacher	"	"	"	"	"	"	Eindringtiefe ~ 40m
	08:30	24.0	00.0	4401	4373	5.1	180	"	"	"	"	"	"	"	
	08:45	25.3	00.0	4393	4360	5.5	181	"	"	"	"	"	"	"	
	09:00	26.6	00.0	4381	4353	5.4	180	"	"	"	"	"	"	"	
	09:15	28.0	00.0	4369	4333	5.5	179	"	"	"	"	"	"	"	
	09:30	29.3	00.0	4356	4325	5.1	179	"	"	"	"	"	"	"	
	09:45	30.6	00.0	4347	4306	5.8	179	"	"	"	"	"	"	43	
	10:00	32.2	00.0	4332	4294	6.0	180	"	"	"	"	"	"	"	
	10:15	33.6	00.0	4325	4285	6.0	180	"	"	"	"	"	"	"	
	10:30	35.1	00.0	4307	4275	5.9	180	"	"	"	"	"	"	"	
	10:45	36.6	00.0	4298	4265	5.8	179	"	"	"	"	"	"	"	
	11:00	38.0	00.0	4283	4254	5.8	180	"	"	"	"	"	"	"	
	11:15	39.5	00.3	4276	4246	6.0	185	"	"	"	"	"	"	"	
	11:30	40.9	00.1	4308	4287	5.9	174	"	"	"	"	"	"	"	
	11:45	42.4	00.0	4431	4396	5.2	181	"	"	"	"	"	"	"	ET ~ 6 m (Channel-Boden)
	12:00	43.9	00.0	4380	4375	5.9	181	"	"	"	"	"	"	"	ET ~ 25 m (SSE-Flanke d. Channels)
	12:15	45.3	00.0	4344	4319	5.9	179	Hillenbrand	"	"	"	"	"	"	
	12:30	46.8	00.0	4330	4305	5.9	179	"	"	"	"	"	"	"	ET ~ 35 m
	12:45	48.2	00.0	4324	4305	5.9	180	"	"	"	"	"	"	"	
	13:00	49.7	00.0	4322	4299	5.8	182	"	"	"	"	"	"	"	
	13:15	51.2	00.1	4323	4300	6.1	185	"	"	"	"	"	"	"	
	13:30	52.7	00.0	4320	4298	5.6	187	"	"	"	"	"	"	"	ET ~ 25 m
	13:45	54.0	00.0	4314	4290	5.5	181	"	"	"	"	"	"	"	
	14:00	55.4	00.0	4307	4284	5.5	180	"	"	"	"	"	"	"	
	14:15	56.8	00.0	4299	4274	5.7	174	"	"	"	"	"	"	"	

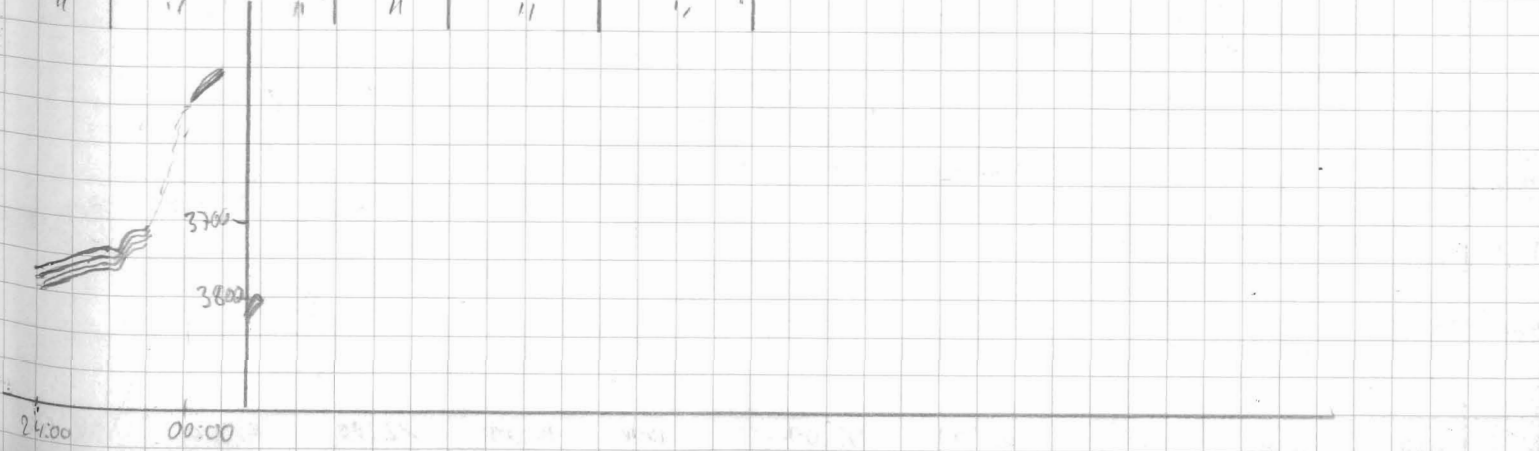
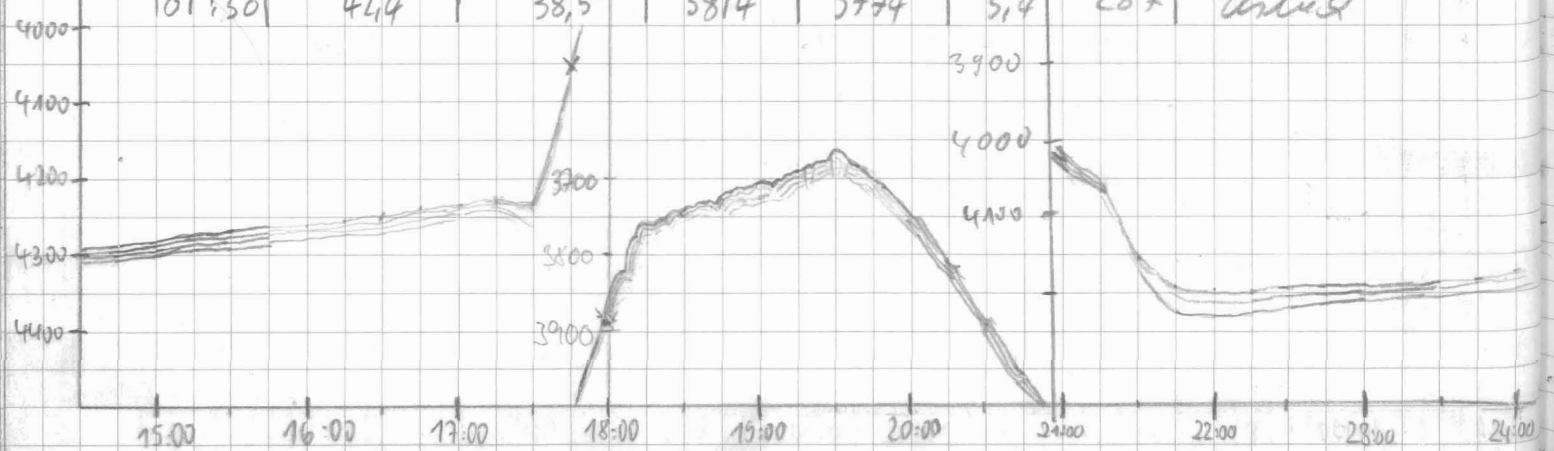


Datum	Zeit UTC	Breite S.	Länge W	Tiefe PS	Tiefe HS	Geschw. Km	Kurs °	Wache	Wagen PS	Polster	Rec. Length	Wait time	Deso Rolle	Tape Nr.	Bemerkungen
06/02/97	14:30	70° 58,2'	25° 00,0'	4294	4268	5,5	186	Hillenbrand	4	2	133	0	9	43	ET ~ 30 m
	14:45	59,7'	00,2	4288	4267	5,8	178	"	"	"	"	"	"	"	
	15:00	71° 01,1	00,1	4283	4259	6,2	180	"	"	"	"	"	"	"	
	15:15	02,6	00,2	4278	4255	5,9	181	"	"	"	"	"	"	"	
	15:30	04,1	00,1	4275	4252	5,9	181	"	"	"	"	"	"	"	
	15:45	05,5	00,2	4269	4253	5,4	179	"	"	"	"	"	"	"	
	16:00	06,9	00,2	4262	4244	5,8	179	"	"	"	"	"	"	"	
	16:15	08,3	00,2	4255	4243	5,7	178	Helden	"	"	"	"	"	"	
	16:30	09,7	00,2	4250	4237	5,8	181	"	"	"	"	"	"	"	
	16:45	11,2	00,2	4245	4230	5,9	180	"	"	"	"	"	"	"	
	17:00	12,6	00,2	4239	4221	5,6	180	"	"	"	"	"	"	"	
	17:15	14,0	00,2	4229	4206	5,8	179	"	"	"	"	"	"	"	
	17:30	15,3	59,6'	4213	4221	5,4	150	"	"	"	"	"	"	"	
	17:45	16,5	57,2'	4054	4039	5,5	147	"	"	"	"	"	"	"	
	18:00	17,6	54,8'	-	3870	5,8	147	"	"	"	"	"	"	"	
	18:15	71° 18,82	24° 52,47	3759	3741	5,4	146	Thalman	"	"	"	"	"	"	
	18:30	20,00	50,12	3744	3720	5,6	146	"	"	"	"	"	"	"	
	18:45	21,17	47,76	3728	3699	5,6	147	"	"	"	"	"	"	"	
	19:00	22,36	45,38	3716	3684	5,7	147	"	"	"	"	"	"	"	
	19:15	23,67	42,75	3692	3656	5,5	147	"	"	"	"	"	"	"	
	19:30	24,66	40,76	3668	3638	5,4	145	"	"	"	"	"	"	"	
	19:45	25,80	38,45	3701	3663	4,3	150	"	"	"	"	"	"	"	
	20:00	26,93	36,16	3750	3709	5,4	147	"	"	"	"	"	"	"	
	20:15	28,09	33,8	3822	3784	5,5	147	Kulm	"	"	"	"	"	"	
	:30	29,2	31,5	3899	3858	5,5	146	"	"	"	"	"	"	"	
	:45	30,4	29,3	3968	3929	5,5	147	"	"	"	"	"	"	"	
	21:00	31,5	26,9	4030	3994	5,5	146	"	"	"	"	"	"	"	
	:15	32,6	24,7	4107	4071	5,6	147	"	"	"	"	"	"	"	
	:30	33,8	22,2	4161	4156	5,6	147	St. Schumacher	"	"	"	"	"	"	
	:45	34,9	21,3	4192	4162	7,5	166	Dümann	"	"	"	"	"	"	
	22:00	35,6	20,3	4197	4196	2,0	155	"	"	"	"	"	"	"	
	:15	36,0	19,8	4193	4157	1,7	169	St. Schumacher	"	"	"	10	"	"	
	:30	36,3	19,6	4191	4149	1,3	169	"	"	"	"	"	"	"	
	:45	36,7	19,5	4189	4148	1,3	179	"	"	"	"	"	"	"	
	23:00	37,0	19,6	4187	4149	1,4	194	"	"	"	"	"	"	"	
	:15	37,3	19,3	4185	4144	3,5	2,3	"	"	"	"	"	"	"	
	:30	37,7	19,8	4194	4154	7,6	271	Kulm	"	"	"	0	"	"	
	:45	37,5	21,6	4186	4148	8,5	193	Dümann	"	"	"	"	"	"	
07/02/97	00:00	39,5	23,1	4172	4126	7,4	193	St. Schumacher	"	"	"	"	"	"	
	00:15	41,0	24,4	4152	4100	5,2	144	Kulm	"	"	"	"	"	"	
	00:30	42,3	25,4	4141	4089	5,7	196	Hillenbrand	"	"	"	"	"	"	
	00:45	43,5	26,7	4109	4060	5,1	235	Hillenbrand	"	"	"	"	"	"	00:42 Kursänderung
	01:00	43,1	30,3	3966	3939	5,4	287	St. Schumacher	"	"	"	"	"	"	
	01:15	42,8	34,2	3910	3869	5,4	288	Dümann	"	"	"	"	"	"	
	01:30	42,4	38,5	3814	3774	5,4	287	Kulm	"	"	"	"	"	"	

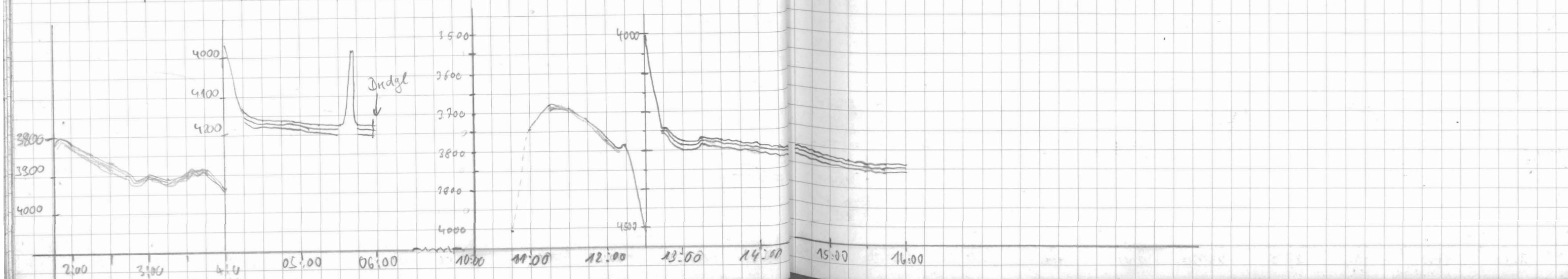
ET bis 40m!
 17:35 Signal plötzlich verschwand,
 auch bei Hydrosecap-Tiefe
 kurzzeitig nicht mehr aufzu-
 finden!

=> Polarsterbank

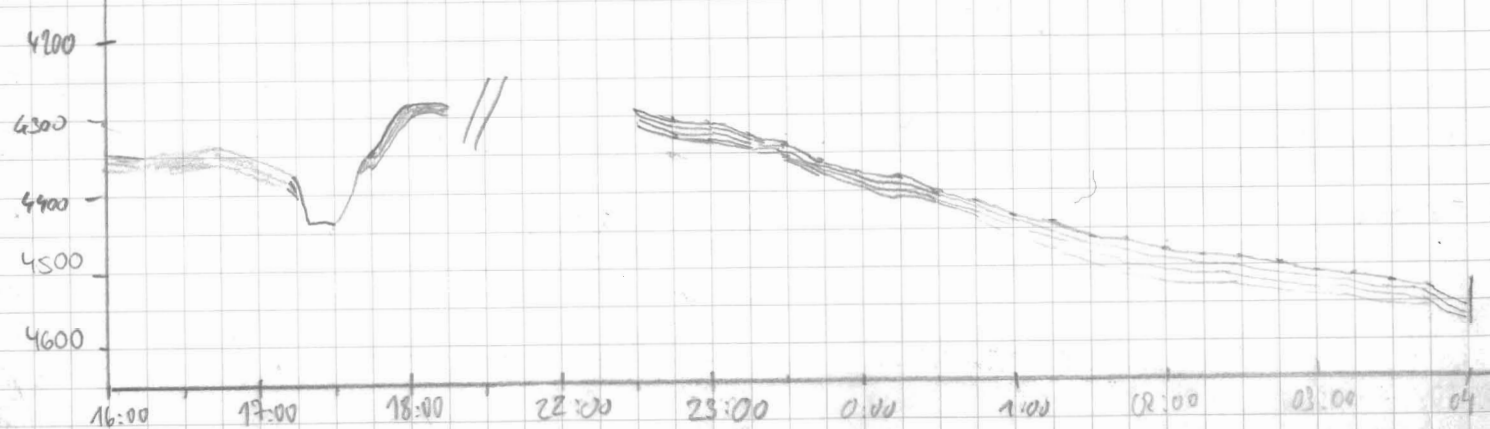
19:13 Tape zuende! ET 20m



Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Gesch Knoten	Tors	Wade	Frequ	Robe	Rec. length	Wart time	Weso Rolle	Tape Nr	Bemerkungen
07/02/97	01:42	71°41,6	24°53,6	3914	3780	5,2	17,0	Chl D	4	2	153	0	9	44	
	02:00	40,0	37,1	3850	3807	5,4	17,1	"	"	"	"	"	"	"	
	1:15	38,7	36,0	3871	3855	5,4	15,8	"	"	"	"	"	"	"	
	1:30	37,5	34,9	3890	3854	5,4	16,4	"	"	"	"	"	"	"	
	1:45	36,2	33,2	3928	3895	5,2	16,4	"	"	"	"	"	"	"	
	03:00	35,0	33,2	3950	3922	4,6	30,0	"	"	"	"	"	"	"	
	1:15	34,5	37,1	3919	3888	5,5	28,3	"	"	"	"	"	"	"	
	1:30	34,1	41,2	3893	3866	5,6	26,8	"	"	"	"	"	"	"	
	1:45	33,8	44,8	3897	3872	3,6	28,5	"	"	"	"	"	"	"	
	04:00	33,5	48,0	3965	3941	4,3	28,6	"	"	"	"	"	"	"	
	04:15	33,2	51,0	4143	4114	3,4	28,2	Dickmann	"	"	"	"	"	"	25m Eindringtiefe
	04:30	33,0	53,5	4161	4130	3,2	28,2	"	"	"	"	"	"	"	
	04:45	32,7	56,3	4166	4136	4,8	28,7	"	"	"	"	"	"	"	
	05:00	32,4	59,4	4166	4141	4,0	28,6	"	"	"	"	"	"	"	
	05:15	32,1	03,3	4163	4140	5,7	28,6	"	"	"	"	"	"	"	
	05:30	31,7	07,6	4169	4152	6,4	28,5	"	"	"	"	"	"	"	
	05:45	31,2	12,3	4173	4132	5,8	26,8	"	"	"	"	"	"	"	
	05:55	31,5	14,3	4182	4163	2,1	5	"	"	"	60	"	"	"	05:55 Dredge-Position erreicht
	10:40	27,4	25°00,9	4008	4984	7,9	35,9	Kulm	"	"	"	0	"	"	10:59 Wechsel Torpe 44 → Torpe 45
	11:00	25,8	24°55,3	3744	3731	8,0	58	H. Schumacher	"	"	2	"	"	45	
	11:15	24,8	56,1	3681	3660	8,1	58	"	"	"	"	"	"	"	
	11:30	23,7	45,0	3690	3667	7,5	23	"	"	"	"	"	"	"	Eindringtiefe ca. 20m
	11:45	21,8	45,0	3721	3695	8,2	35,9	"	"	"	"	"	"	"	
	12:00	19,8	44,9	3754	3718	7,9	00,1	"	"	"	"	"	"	"	
	12:15	17,7	44,8	3822	3782	8,0	1,0	Hillenbrand	"	"	"	"	"	"	
	12:30	15,8	44,8	4006	3975	8,2	0,7	"	"	"	"	"	"	"	12:15h - 12:43h: Signal sehr schwach
	12:45	13,9	45,0	4247	4199	7,9	360	"	"	"	"	"	"	"	12:43h. ET ~ 40m
	13:00	11,9	45,0	4270	4223	7,8	360	"	"	"	"	"	"	"	
	13:15	09,9	44,9	4268	4222	8,1	360	"	"	"	"	"	"	"	13:15h: ET ~ 25-30m
	13:34	07,4	44,9	4272	4229	8,0	0	"	"	"	"	"	"	"	
	13:45	06,0	44,9	4276	4237	7,7	360	"	"	"	"	"	"	"	
	14:00	04,0	44,8	4284	4245	7,7	1,5	"	"	"	"	"	"	"	
	14:15	02,0	44,8	4253	4253	7,9	1,5	"	"	"	"	"	"	"	
	14:30	00,1	44,7	4302	4261	7,8	360	"	"	"	"	"	"	"	
	14:45	58,1	44,7	4310	4269	7,8	356	"	"	"	"	"	"	"	
	15:00	56,2	45,1	4318	4269	7,9	356	"	"	"	"	"	"	"	
	15:15	54,3	45,1	4326	4270	7,7	2,2	"	"	"	"	"	"	"	
	15:30	52,4	45,0	4335	4282	7,8	358	"	"	"	"	"	"	"	
	15:45	50,4	45,1	4344	4291	7,4	359	"	"	"	"	"	"	"	15:50h: "Mann über Bord!" - Manöver; Schiff fährt Schleife
	16:00	49,8	44,9	4343	4292	2,6	28,1	"	"	"	"	"	"	"	



Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. Km	Kurs	Wache	Frequenz PS	Pulse	Rec. Length	Wait time	Deso Rolle	Tap Nr.	Bemerkungen
07/02/97	16:15	70° 48' 49.6	24° 44' 46.1	4350	4301	7.6	357.7	Johemann	4	2	133	0	9	45	
	16:30	70° 46' 6.12	24° 41' 59.6	4340	4292	7.6	2.0	"	"	"	"	"	"	"	-> Grund SW 16:17
	16:45	44' 69.9	44' 89.9	4344	4311	7.3	0.1	"	"	"	"	"	"	"	
	17:00	42' 70.9	44' 90.0	4356	4323	7.6	1.8	"	"	"	"	"	"	"	
	17:15	40' 82.6	44' 89.9	4376	4348	7.5	359.7	"	"	"	"	"	"	"	
	17:30	38' 96.6	44' 90.4	4441	4402	7.8	359.1	"	"	"	"	"	"	"	
	17:45	37' 79.5	46' 83.2	4346	4316	7.1	271	"	"	"	"	"	"	"	
	18:00	37' 79.5	52' 69.9	4293	4252	8.1	266.7	Ruelberg	"	"	"	"	"	"	17:00 Neustart
	18:15	37' 79.5	58' 48.1	4284	4255	8.0	277.8	"	"	"	"	"	"	"	Head - Probleme
		37' 94.8	25° 00' 45.5	4283	4255	8.4	161.7	"	"	"	"	"	"	"	station, Frequenztest E ≈ 60m
	22:34	36,6'	24° 57,9	4295	4261	7,6	18,6	Kulm	4	2	11	1	"	"	
	:45	35,3'	56,6	4302	4271	7,3	17,6	"	"	"	"	"	"	"	
	23:00	33,5'	54,9	4313	4283	7,6	16	"	"	"	"	"	"	"	
	:15	31,7'	53,3	4329	4297	7,5	17	"	"	"	"	"	"	"	
	:31	29,9'	51,7	4342	4313	7,5	19	"	"	"	"	"	"	"	Mudwaves
	:45	28,2	50,0	4359	4331	7,4	19	"	"	"	"	"	"	"	"
08/02/97	0:00	26,4	48,1	4373	4342	7,3	19	"	"	"	"	"	"	"	"
	:17	24,4	46,1	4388	4357	7,4	21	"	"	"	"	"	"	"	"
	:30	22,9	44,5	4404	4374	7,4	20	"	"	"	"	"	"	"	"
	06:45	21,2	42,7	4416	4380	7,5	20	St. Schumacher	"	"	"	"	"	"	"
	01:00	19,4	40,8	4432	4388	7,8	20	"	"	"	"	"	"	"	"
	01:15	17,5	39,0	4443	4401	7,9	18	"	"	"	"	"	"	46	01:16 Wechsel Tape 45 -> Tape 46
	01:30	15,7	37,2	4457	4416	7,9	18	"	"	"	"	"	"	"	"
	01:45	13,7	35,4	4466	4428	7,9	17	"	"	"	"	"	"	"	"
	02:00	11,9	33,4	4474	4440	7,8	20	"	"	"	"	"	"	"	"
	02:15	10,0	31,5	4483	4454	7,9	20	"	"	"	"	"	"	"	"
	02:30	08,2	29,5	4492	4462	7,7	19	"	"	"	"	"	"	"	"
	02:45	06,2	27,6	4499	4472	8,7	20	"	"	"	"	"	"	"	"
	03:00	04,4	25,8	4509	4477	8,1	19	"	"	"	"	"	"	"	"
	03:15	02,4	23,9	4511	4483	8,4	18	"	"	"	"	"	"	"	"
	03:30	00,5	21,9	4522	4488	8,3	20	"	"	"	"	"	"	"	"
	03:45	69° 58,5	19,8	4539	4506	8,6	19	"	"	"	"	"	"	"	"
	04:00	56,4'	17,8'	4556	4514	8,5	19	Dahlmann	"	"	"	"	"	"	"
	04:15	54,4'	17,8'	4574	4533	8,3	19	"	"	"	"	"	"	"	Eindringtiefe ca. 25m
	04:30	52,1'	13,4'	4584	4540	8,2	18	"	"	"	"	"	"	"	04:25 Gefälleverflachung
	04:45	50,4'	14,9'	4588	4543	8,3	15	"	"	"	"	"	"	"	"
	05:00	48,5'	10,5'	4604	4560	8,5	15	"	"	"	"	"	"	"	"
	05:15	46,5'	08,9'	4620	4574	8,3	15	"	"	"	"	"	"	"	"
	05:30	44,5'	07,1'	4627	4581	8,7	19	"	"	"	"	"	"	"	"
	05:45	42,5'	05,1'	4635	4590	8,5	20	"	"	"	"	"	"	"	"
	06:00	40,4'	03,1'	4639	4598	8,6	20	"	"	"	"	"	"	"	"
	06:15	38,5'	01,1'	4641	4606	8,5	19	"	"	"	"	"	"	"	"
	06:30	36,5'	23° 58,1'	4651	4612	8,6	20	"	"	"	"	"	"	"	"
	06:45	34,5'	57,0'	4660	4615	8,6	19	"	"	"	"	"	"	"	06:52 Mudwaves



Datum	Uhrzeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschwin km	Kurs °	Wache	Tequ	Pulse	Rec. length	Uzeit time	Deso-nolle	Temp Mi.	Be merkung
02.02.87	07:00	68° 32.6'	23° 55.1'	4672	4629	8.7	9	Dekmann	4	2	133	1	9	46	
	07:15	30.7'	52.4'	4680	4632	8.4	26	"	"	"	"	"	"	"	
	07:30	28.7'	49.6'	4653	4643	8.2	26	"	"	"	"	"	"	"	
	07:45	26.3'	48.0'	4703	4655	8.6	16	"	"	"	"	"	"	"	
	08:00	24.9'	46.2'	4709	4664	8.5	19	"	"	"	"	"	"	"	
	08:15	22.8'	44.2'	4715	4670	8.4	21	Hillenbrand	"	"	"	"	"	"	ET ~ 25m
	08:30	20.8	42.3	4722	4683	8.4	19	"	"	"	"	"	"	"	
	08:45	18.8	40.3	4726	4690	8.6	19	"	"	"	"	"	"	"	
	09:00	16.7	38.3	4733	4699	8.6	19	"	"	"	"	"	"	"	
	09:15	14.6	36.2	4739	4710	8.8	19	"	"	"	"	"	"	"	
	09:30	12.6	34.3	4748	4712	8.7	18	"	"	"	"	"	"	"	
	09:45	10.6	32.3	4756	4718	8.8	18	"	"	"	"	"	"	"	
	10:00	08.9	30.9	4762	4727	4.6	20	"	"	"	"	"	"	"	ca. 10°h: Aussetzen d. Strömungs
	10:15	08.1	30.1	4762	4723	2.9	20	"	"	"	"	"	"	"	
	10:30	07.4	30.0	4762	4723	3.0	4	"	"	"	"	"	"	"	
	10:46	06.6	29.9	4763	4722	2.6	2	"	"	"	"	"	"	"	
	11:00	06.0	29.9	4763	4724	2.8	9	"	"	"	"	"	"	"	
	11:15	05.3	30.0	4763	4721	3.3	3	"	"	"	"	"	"	"	
	11:30	04.5	29.8	4764	4725	3.0	2	"	"	"	"	"	"	"	
	11:45	03.7	29.8	4765	4727	4.2	0	"	"	"	"	"	"	"	
	12:00	02.7	29.8	4766	4734	4.2	359	Wald	"	"	"	"	"	"	
	12:15	01.6	29.7	4768	4740	4.7	4	"	"	"	"	"	"	"	
	12:30	00.6	29.7	4770	4743	4.4	2	"	"	"	"	"	"	"	
	12:45	68° 59.4	29.6	4771	4744	4.7	1	"	"	"	"	"	"	"	
	13:00	58.1	29.5	4773	4744	5.6	0	"	"	"	"	"	"	"	
	13:15	56.6	29.5	4774	4747	6.1	1	"	"	"	"	"	"	"	
	13:30	55.1	29.4	4774	4739	6.2	1	"	"	"	2	"	"	"	
	13:45	53.6	29.4	4777	4738	6.1	1	"	"	"	"	"	"	"	
	14:00	52.1	29.3	4779	4742	6.2	2	"	"	"	"	"	"	"	
	14:15	50.5	29.2	4784	4753	6.3	1	"	"	"	"	"	"	"	
	14:30	49.0	29.2	4789	4763	6.3	2	"	"	"	"	"	"	"	
	14:45	47.5	29.1	4792	4769	6.2	1	"	"	"	"	"	"	"	
	15:00	46.0	29.0	4795	4771	6.0	0	"	"	"	"	"	"	"	
	15:15	44.5	29.0	4799	4773	6.0	1	"	"	"	"	"	"	"	
	15:30	43.0	28.9	4801	4774	6.0	1	"	"	"	"	"	"	"	
	15:45	41.5	28.8	4809	4781	6.0	1	"	"	"	"	"	"	"	
	16:00	40.1	28.8	4810	4792	6.0	2	"	"	"	"	"	"	"	
	16:15	68° 38.56	23° 28.7	4815	4787	6.0	23	Wald	"	"	"	"	"	"	
	16:30	37.11	28.6	4818	4789	6.0	0.4	"	"	"	"	"	"	"	
	16:45	35.6	28.6	4821	4791	5.7	359.9	"	"	"	"	"	"	"	
	17:00	34.2	28.52	4825	4796	5.9	0.8	"	"	"	"	"	"	"	
	17:15	32.8	28.5	4828	4798	5.7	0.7	"	"	"	"	"	"	"	
	17:30	31.3	28.4	4831	4811	5.7	0.8	"	"	"	"	"	"	"	
	17:45	29.8	28.3	4835	4816	5.8	1.2	"	"	"	"	"	"	"	
	18:00	28.4	28.2	4837	4822	6.1	355	Kajhal	"	"	"	"	"	"	
	18:15	27.0	28.0	4840	4824	5.6	15	"	"	"	"	"	"	"	
	18:30	25.5	26.8	4843	4840	5.8	15.1	"	"	"	"	"	"	"	

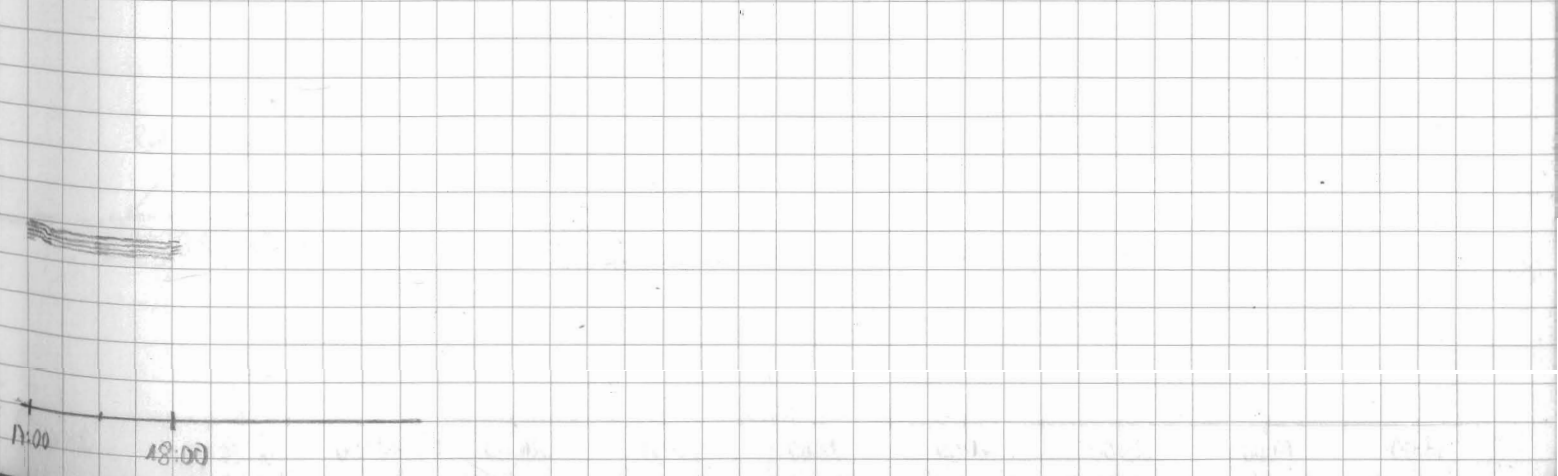
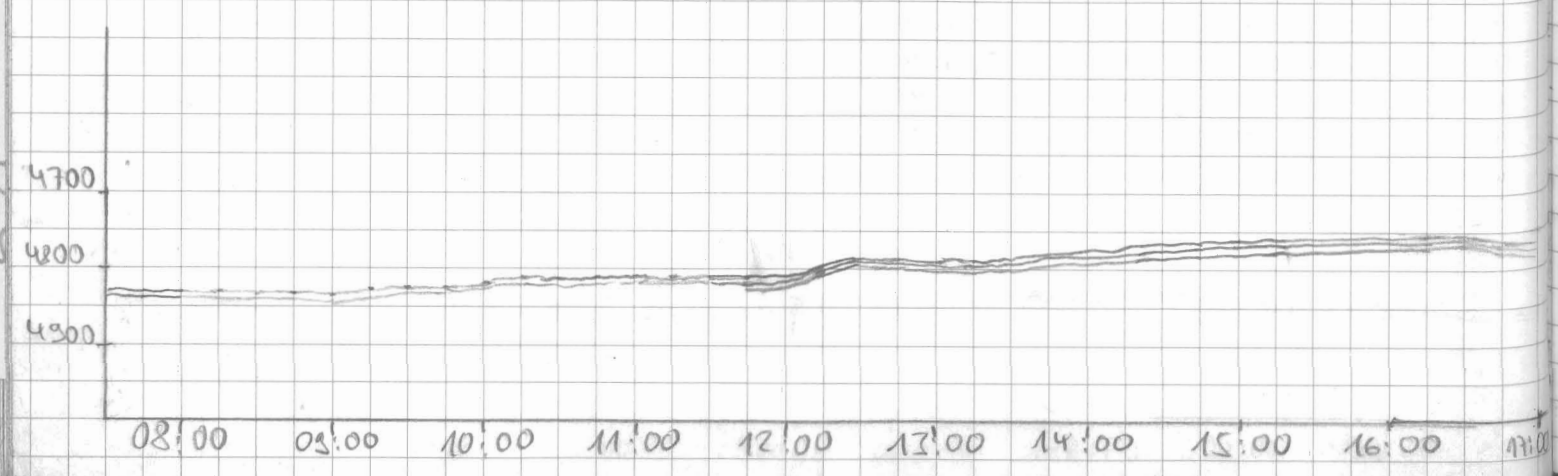


Datum	Uhrzeit (UTC)	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. km	Kurs °	Wache	Frequ	Pulse	Rec Length	Wait time	Dops Roll	Tape Nr	Bemerkung
08.02.92	18:45	68° 24.1	23° 26.2	4844	4838	5.6	356	Hajnal	4	2	153	2	9	46	
	19:00	27.7	26.7	4847	4836	6.0	350	"	"	"	"	"	"	"	
	:15	21.2	27.42	4849	4829	5.8	349	"	"	"	"	"	"	"	
	:30	19.8	28.0	4850	4829	5.7	7.9	"	"	"	"	"	"	"	
	:45	18.4	27.8	4852	4832	5.7	0.2	"	"	"	"	"	"	"	
	20:00	16.9	27.8	4854	4829	5.9	0.8	Kuhm	"	"	"	"	"	"	
	:15	15.4	27.7	4856	4834	6.1	0.5	"	"	"	"	"	"	"	
	:30	13.9	27.6	4858	4833	6.1	1.6	"	"	"	"	"	"	"	
	:45	12.3	27.6	4865	4843	6.1	1.8	"	"	"	"	"	"	"	
	21:01	10.8	27.5	4862	4847	6.2	1.5	"	"	"	"	"	"	"	
	:18	9.0	27.4	4864	4843	5.8	1.8	"	"	"	"	"	"	47	Bandwechsel 46 → 47
	:30	7.9	27.8	4864	4842	5.8	296	"	"	"	"	"	"	"	
	:45	8.1	31.8	4862	4838	6.5	270	"	"	"	"	"	"	"	
	22:04	8.1	37.3	4860	4831	6.4	270	"	"	"	"	"	"	"	Orso-Paper Problem
	:16	8.1	40.6	4860	4831	6.5	269	"	"	"	"	"	"	"	
	23:00	8.1	52.9	4860	4822	6.3	268	"	"	"	"	"	"	"	kleine Rinnen
	:15	8.1	57.5	4860	4827	6.3	269	"	"	"	"	"	"	"	
	:30	8.1	24° 01.7	4848	4816	6.6	270	"	"	"	"	"	"	"	Tiefe wird nicht weiter gegeben
	:45	8.1	5.8	4856	4811	6.0	271	"	"	"	"	"	"	"	
09/02/92	0:00	8.1	10.0	4845	4812	6.1	269	"	"	"	"	"	"	"	
	:15	8.1	13.9	4843	4816	5.7	269	Uchid	"	"	"	"	"	"	
	:33	8.1	18.5	4842	4818	5.8	269	"	"	"	"	"	"	"	
	:40	8.1	24.1	4842	4816	5.9	270	"	"	"	"	"	"	"	
	01:00	8.1	29.9	4840	4822	5.6	270	"	"	"	"	"	"	"	
	:15	8.1	29.1	4837	4824	5.6	270	"	"	"	"	"	"	"	
	:30	8.1	32.8	4835	4817	5.4	286	"	"	"	"	"	"	"	
	:45	6.8	33.1	4839	4826	5.7	10	"	"	"	"	"	"	"	
	02:04	5.1	32.1	4834	4820	6.3	12	"	"	"	"	"	"	"	
	:15	4.1	31.5	4841	4825	6.0	12	"	"	"	"	"	"	"	
	:30	2.7	30.6	4844	4825	6.1	13	"	"	"	"	"	"	"	
	:45	1.1	29.8	4846	4827	5.9	12	"	"	"	"	"	"	"	
	03:00	68° 00.0	27.4	4852	4828	6.4	99	"	"	"	"	"	"	"	
	:17	0.0	23.4	4856	4827	6.6	89	"	"	"	"	"	"	"	
	:30	0.0	19.4	4844	4827	5.2	89	"	"	"	"	"	"	"	
	:45	0.0	16.5	4851	4825	5.3	91	"	"	"	"	"	"	"	
	04:00	00.0'	12.5'	4852	4822	5.3	91	Dükmann	"	"	"	"	"	"	
	04:15	01.0'	24.1'	4854	4831	5.6	180	"	"	"	"	"	"	"	
	04:30	02.5'	11.5'	4857	4830	5.9	180	"	"	"	"	"	"	"	
	04:45	03.3'	11.5'	4848	4824	5.8	180	"	"	"	"	"	"	"	
	05:00	05.4'	11.5'	4847	4825	5.6	182	"	"	"	"	"	"	"	
	05:15	06.8'	11.5'	4844	4818	5.8	180	"	"	"	"	"	"	"	
	05:30	08.3'	11.5'	4844	4817	5.9	180	"	"	"	"	"	"	"	
	05:45	09.7'	11.5'	4843	4811	5.9	179	"	"	"	"	"	"	"	
	06:00	11.2'	11.5'	4845	4815	6.1	183	"	"	"	"	"	"	"	
	06:15	12.7'	11.5'	4845	4816	5.8	181	"	"	"	"	"	"	"	
	06:30	14.2'	11.5'	4836	4817	5.9	180	"	"	"	"	"	"	"	
	06:45	-	-	-	-	-	-	"	"	"	"	"	"	"	
	07:00	17.2'	11.5'	4831	4808	6.0	179	"	"	"	"	"	"	"	
	07:15	18.6'	11.5'	4828	4796	5.9	180	"	"	"	"	"	"	"	

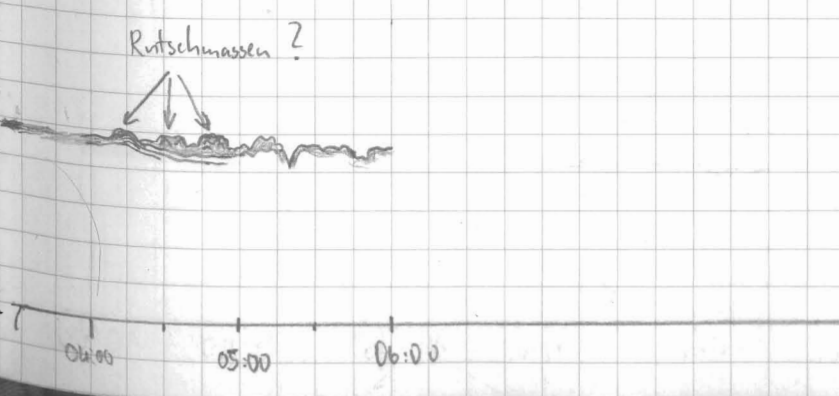
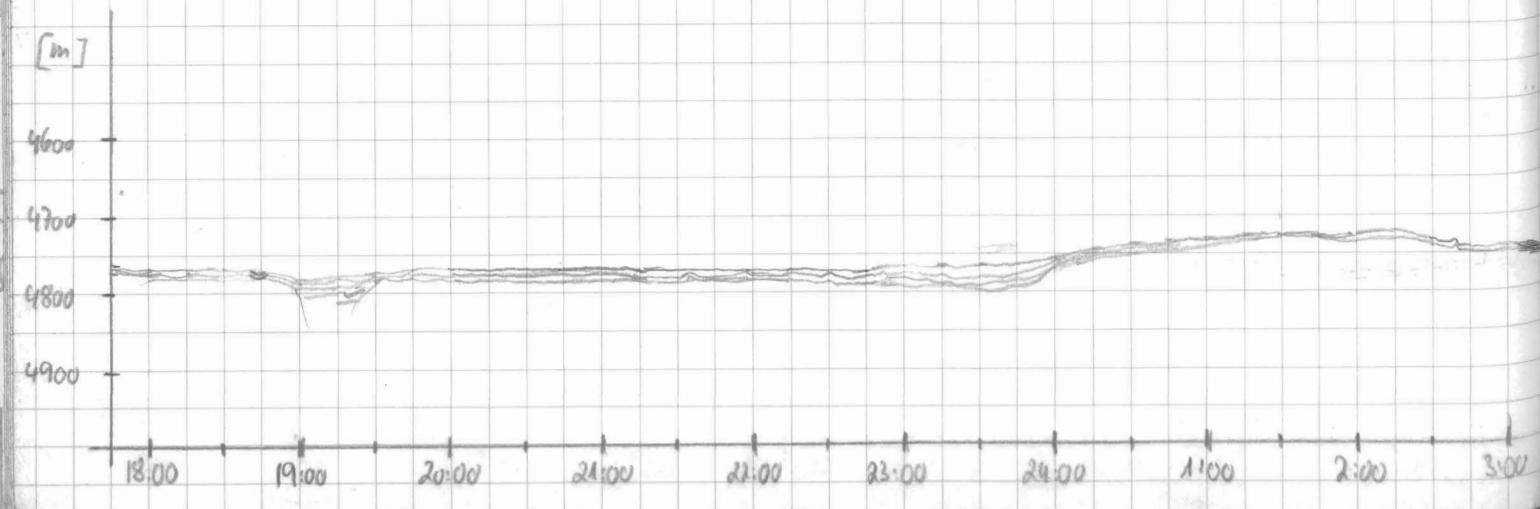
4700
4800
4900

18:45 20:00 21:00 22:00 23:00 0:00 1:00 02:00 03:00 04:00 04:00 05:00 06:00 07:00

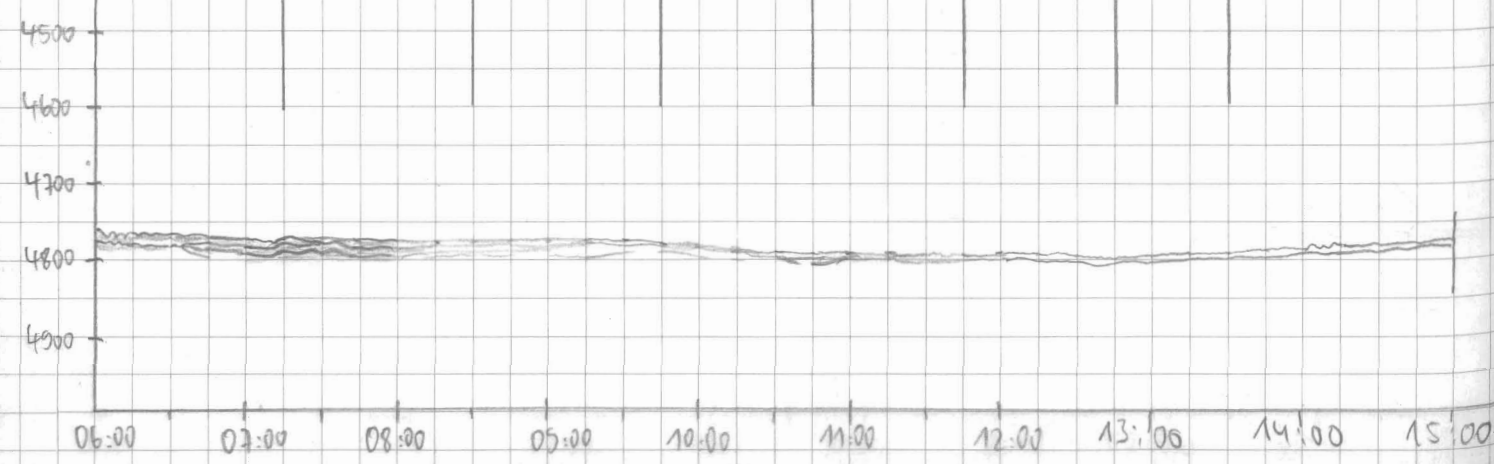
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe 1/3	Geschw Km	Kurs 0	Wache	Füll PS	Pulse	Record Length	Unit Time	Deso Rolle	Tape No	Bemerkungen
09.02.97	07:30	68° 20.1'	24° 11.5'	4830	4736	5.9	180	Dükmann	4	2	153	2	9	47	
	07:45	21.5'	11.5'	4832	4732	6.0	182	"	"	"	"	"	"	"	
	08:00	23.0'	11.4'	4835	4738	6.1	174	"	"	"	"	"	"	"	Obereichenreflektor wackel
	08:15	24.5	11.0	4834	4802	6.2	180	St. Schumacher	"	"	"	"	"	"	
	08:30	26.0	11.4	4834	4801	6.1	183	"	"	"	"	"	"	"	
	08:45	27.5	11.5	4832	4804	6.4	179	"	"	"	"	"	"	"	
	09:00	29.0	11.5	4831	4803	6.1	181	"	"	"	"	"	"	"	
	09:15	30.5	11.5	4827	4804	5.7	180	"	"	"	"	"	"	"	
	09:30	31.8	11.5	4827(2)	4799	5.4	181	"	"	"	"	"	"	"	
	09:45	33.2	11.5	4827(2)	4790	5.4	178	"	"	"	"	"	"	"	E 64, E 62
	10:00	34.5	11.5	4818	4785	5.2	181	"	"	"	"	"	"	"	
	10:15	35.9	11.5	—	4787	5.3	180	"	"	"	"	"	"	"	Neustart!
	10:17	36.0	11.5	4815	4783	5.2	181	"	"	"	"	"	"	"	
	10:30	37.0	11.5	4813	4783	5.7	180	"	"	"	"	"	"	"	
	10:45	38.4	11.5	4812	4781	5.2	180	"	"	"	"	"	"	"	
	11:00	39.7	11.5	4810	4779	5.4	180	"	"	"	"	"	"	"	
	11:15	41.0	11.5	4807	4780	5.6	180	"	"	"	"	"	"	"	
	11:30	42.3	11.5	4808	4782	5.3	180	"	"	"	"	"	"	"	
	11:45	43.7	11.5	4805	4788	5.3	181	"	"	"	"	"	"	"	
	12:00	45.0	11.5	4803	4778	5.3	181	"	"	"	"	"	"	"	
	12:15	46.3	11.5	4799	4780	5.2	199	Hillensbrand	"	"	"	"	"	"	ET ~ 25 m
	12:30	47.6	11.5	4796	4769	5.0	180	"	"	"	"	"	"	"	
	12:45	48.9	11.5	4792	4764	5.3	180	"	"	"	"	"	"	"	
	13:00	50.2	11.5	4789	4760	5.3	182	St. Schumacher	"	"	"	"	"	"	
	13:15	51.6	11.5	4788	4758	5.1	180	"	"	"	"	"	"	"	
	13:29	52.7	11.5	4787	4755	5.2	181	Hillensbrand	"	"	"	"	"	"	
	13:45	54.1	11.5	4782	4750	5.2	179	"	"	"	"	"	"	"	13:17 - 14:07h: Deso zeichnet nicht auf
	14:30	58.1	11.5	4738	4738	5.2	178	"	"	"	"	10	"	"	14:07h: Neustart, Deso zeichnet dennoch nicht auf
	14:45	59.4	11.5	4768	4735	5.4	180	"	"	"	"	"	"	"	14:26 Austausch Deso-Rolle 9 gg. Rolle 10
	15:02	69° 01.0	11.5	4765	4741	5.6	179	St. Schumacher	"	"	"	"	"	"	14:26 erneuter Neustart
	15:22	02.8	11.5	4759	4734	5.6	184	Hillensbrand	"	"	"	"	"	"	
	15:30	03.2	13.0	4758	4736	4.9	262	St. Schumacher	"	"	"	"	"	"	
	15:45	03.2	16.4	4757	4734	4.4	269	"	"	"	"	"	"	"	
	16:00	69° 03.2	24° 20.2	4755	4729	5.8	269	Dükmann	"	"	"	"	"	"	
	16:15	03.2	24.3	4752	4732	5.9	270	"	"	"	"	"	"	"	
	16:30	03.2	28.5	4751	4721	5.9	282	"	"	"	"	"	"	"	
	16:45	01.9	29.1	4752	4724	5.6	0.5	"	"	"	"	"	"	"	
	17:00	00.6	29.1	4755	4728	5.4	0.7	"	"	"	"	"	"	"	
	17:15	68 59.0	29.3	4760	4725	5.3	0.7	"	"	"	"	"	"	"	
	17:30	57.9	29.1	4764	4725	5.5	0.8	"	"	"	"	"	"	"	
	17:45	56.6	29.1	4766	4730	5.5	359.8	"	"	"	"	"	"	"	
09.02.97	18:00	55.3	29.1	4770	4728	5.4	1.9	Pfender	"	"	"	"	"	"	



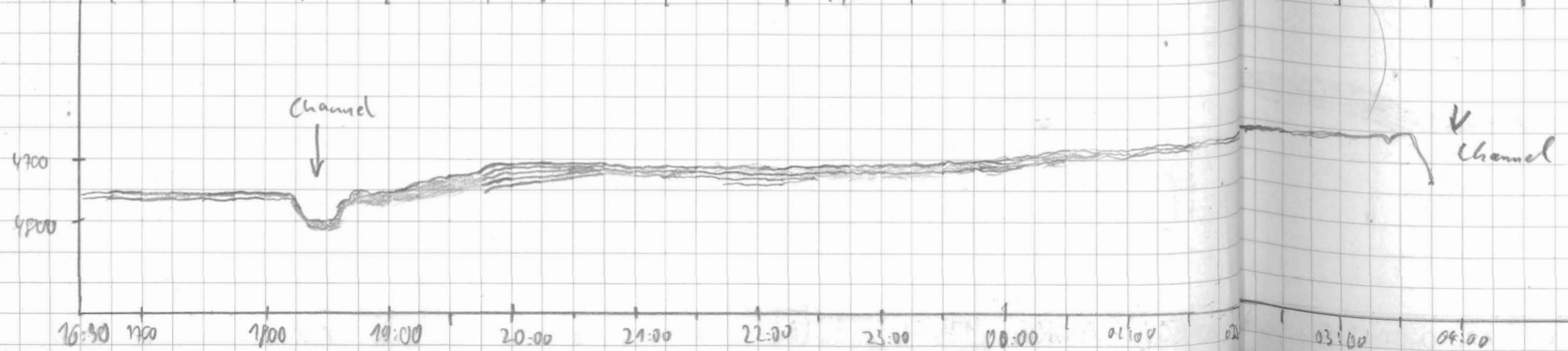
DATUM	ZEIT (UTC)	BREITE S	LÄNGE W	TIETE PS	TIETE HS	GESCHW. KV	KURS °	WACHE	FREQ PS	PULSE	RECORD LENGTH	WAIT TIME	DESO ROLLE	TAPE NO.	BEMERKUNGEN
09.07.97	18:15	68° 53.9'	24° 29.1'	4775	4736	5.4	359.2	Pfunder	4	2	133	2	10	47	
	18:30	52.6'	29.1'	4778	4747	5.4	0.5	"	"	"	"	"	"	"	
	18:45	51.2'	29.1'	4781	4753	5.6	359.8	"	"	"	"	"	"	"	18.41-18.45 Uhr besondere Struktur:
	19:00	50.4'	30.8	4786	4767	6.5	226.5	"	"	"	"	"	"	"	" Einbruch" um 3 m
	19:15	51.1'	33.5'	4780	4759	5.4	269.6	"	"	"	"	"	"	"	Bis 40m ET!
	19:30	51.3'	37.5'	4774	4752	6.0	262.0	"	"	"	"	"	"	"	
	19:45	51.5'	41.3'	4772	4749	5.8	261.7	"	"	"	"	"	"	"	"Störung - Graben? - Kompositionen!
	20:00	51.5'	45.2'	4771	4746	5.7	290.8	"	"	"	"	"	"	"	hohe Eindringtiefe
	20:15	51.3'	49.7	4772	4747	5.8	297	Kulm	"	"	"	"	"	"	
	:30	51.8'	52.9	4771	4735	6.0	246	"	"	"	"	"	"	"	
	:45	52.8'	57.1	4771	4740	5.8	264	"	"	"	"	"	"	"	
	21:15	52.7'	25° 05' 0"	4771	4728	5.9	261	"	"	"	"	"	"	"	
	:30	52.9'	9' 0"	4771	4730	5.9	262	"	"	"	"	"	"	"	
	22:00	52.8'	17.5'	4769	4727	5.9	278	"	"	"	"	"	"	"	
	:15	52.9'	21.1'	4769	4728	5.9	265	"	"	"	"	"	"	"	
	:45	53.3'	29.3'	4767	4732	5.9	263	"	"	"	"	"	"	"	transparente Layer
	23:15	54.2'	35.3'	4762	4727	6.1	179	"	"	"	"	"	"	"	
	:30	55.7'	35.3'	4761	4727	6.1	180	"	"	"	"	"	"	"	
10/07/97	00:00	58.9'	35.3'	4753	4716	6.0	190	Vahnd	"	"	"	"	"	48	Tape 47 → 48
	:15	69° 00.2	35.3	4749	4717	6.3	180	"	"	"	"	"	"	"	
	:30	02.1	35.3	4741	4705	6.1	186	"	"	"	"	"	"	"	
	:45	03.2	35.2	4740	4705	5.6	235	"	"	"	"	"	"	"	
	01:00	3.8	34.5	4739	4704	6.0	247	"	"	"	"	"	"	"	
	:15	4.4	43.4	4738	4712	5.4	247	"	"	"	"	"	"	"	
	:30	5.0	47.2	4737	4717	5.8	247	"	"	"	"	"	"	"	
	:45	5.5	50.8	4735	4720	6.0	247	"	"	"	"	"	"	"	
	02:00	6.2	55.2	4732	4713	6.0	247	"	"	"	"	"	"	"	
	:15	5.8	57.5	4733	4714	5.3	359	"	"	"	"	"	"	"	
	:30	4.4	57.7	4737	4722	5.6	357	"	"	"	"	"	"	"	
	:45	3.0	57.9	4741	4723	5.6	352	"	"	"	"	"	"	"	
	03:00	1.6	58.2	4742	4727	5.5	356	"	"	"	"	"	"	"	
	:15	0.3	58.3	4749	4728	5.6	357	"	"	"	"	"	"	"	
	:30	68° 58.9	58.6	4752	4735	5.5	358	"	"	"	"	"	"	"	
	:45	57.5	58.8	4753	4735	5.6	357	"	"	"	"	"	"	"	
	04:00	56.0	59.0	4755	4734	5.6	358	"	"	"	"	"	"	"	
	04:15	54.6	59.2	4754	4733	5.8	358	Hillenbrand	"	"	"	"	"	"	ET ~ 15 m
	04:30	53.3	59.4	4754	4726	5.5	358	"	"	"	"	"	"	"	
	04:45	51.9	59.6	4756	4726	5.8	356	"	"	"	"	"	"	"	
	05:00	50.5	59.8	4759	4722	5.7	357	"	"	"	"	"	"	"	
	05:15	49.0	26° 00.5	4733	4732	5.5	346	"	"	"	"	"	"	"	
	05:30	47.6	01.3	4762	4719	5.6	347	"	"	"	"	"	"	"	
	05:46	46.4	01.7	4781	4720	5.6	358	"	"	"	"	"	"	"	
	06:00	44.9	01.5	4762	4720	5.6	9.1	"	"	"	"	"	"	"	



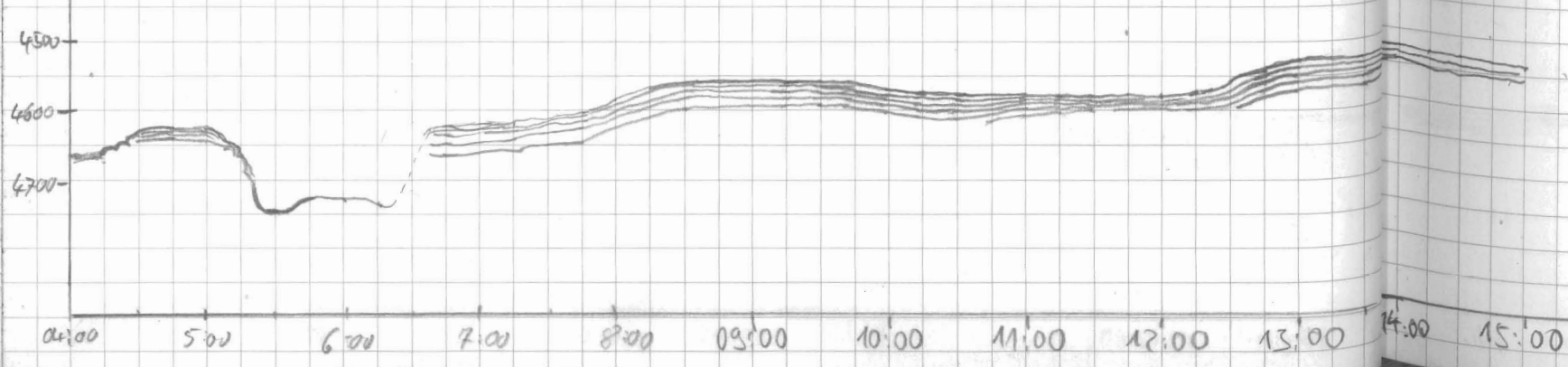
Date	Zeit UTC	Bsmite S	Länge W	Tiefe PS	Tiefe HS	geschw. km	Wang 0	Wache	Feld PS	Tuba	Recond Length	Wait time	Dist Rolle	Tiefe 20	Remarks
10/02/97	06:15	68° 43,5'	26° 01,1'	4763	4723	5,4	7,5	Hillenbrand	4	2	133	2	10	48	ET ~ 15
	06:30	42,1	01,1	4763	4725	5,7	357	"	"	"	"	"	"	"	
	06:45	40,7	01,3	4761	4727	5,5	358	"	"	"	"	"	"	"	
	07:00	39,4	01,6	4765	4727	5,6	2,3	"	"	"	"	"	"	"	
	07:15	37,9	01,7	4766	4729	5,5	357	"	"	"	"	"	"	"	
	07:30	36,6	01,9	4766	4731	5,7	357	"	"	"	"	"	"	"	
	07:45	35,2	02,1	4769	4733	5,7	357	"	"	"	"	"	"	"	
	08:00	33,8	02,3	4770	4738	5,5	356	"	"	"	"	"	"	"	
	08:15	32,4	02,5	4771	4735	5,5	356	St. Schumann	"	"	"	"	"	"	
	08:30	31,0	02,5	4774	4737	5,8	2	"	"	"	"	"	"	"	
	08:45	29,5	02,3	4775	4739	6,0	3	"	"	"	"	"	"	"	
	09:00	28,1	02,1	4776	4738	6,0	5	"	"	"	"	"	"	"	
	09:15	26,6	02,7	4778	4743	5,6	347	"	"	"	"	"	"	"	
	09:30	25,4	03,6	4778	4747	5,7	357	"	"	"	"	"	"	"	
	09:45	23,8	03,8	4781	4758	5,8	357	"	"	"	"	"	"	"	
	10:00	22,5	03,9	4783	4761	5,9	1	"	"	"	"	"	"	"	
	10:15	20,9	03,9	4785	4765	5,9	2	"	"	"	"	"	"	"	
	10:30	19,5	04,3	4784	4764	5,9	350	"	"	"	"	"	"	"	
	10:45	18,1	04,6	4787	4773	5,7	357	"	"	"	"	"	"	"	
	11:00	16,7	04,8	4788	4769	5,7	355	"	"	"	"	"	"	"	
	11:15	15,2	05,1	4788	4761	5,8	356	"	"	"	"	"	"	"	
	11:30	13,9	05,2	4788	4759	5,6	349	"	"	"	"	"	"	"	
	11:45	12,4	05,5	4791	4766	5,7	357	"	"	"	"	"	"	"	
	12:00	11,0	05,7	4792	4760	5,5	357	"	"	"	"	"	"	"	
	12:15	09,4	05,9	4794	4760	5,8	358	Diekmann	"	"	"	"	"	"	
	12:30	08,1	06,1	4796	4762	5,9	357	"	"	"	"	"	"	"	
	12:45	07,5	02,1	4799	4766	5,5	253	"	"	"	"	"	"	"	
	13:00	07,9	11,8	4797	4765	5,8	258	"	"	"	"	"	"	"	
	13:15	02,0	15,6	4794	4760	5,2	262	"	"	"	"	"	"	"	
	13:30	07,9	19,4	4790	4774	5,2	277	"	"	"	"	"	"	"	
	13:45	07,7	23,2	4786	4765	5,5	267	"	"	"	"	"	"	"	
	14:00	07,7	27,0	4785	4769	5,6	269	"	"	"	"	"	"	"	
	14:15	07,7	30,6	4781	-	5,5	299	"	"	"	"	"	"	"	
	14:30	06,5	31,5	4780	-	4,2	301	"	"	"	"	"	"	"	
	14:45	06,7	34,9	4778	4744	5,3	267	"	"	"	"	"	"	"	
	15:00	06,8	38,0	4775	4741	5,4	270	"	"	"	"	"	"	"	
	15:15	06,8	42,1	4773	4732	5,2	262	"	"	"	"	"	"	"	
	15:30	06,8	45,3	4772	4735	5,1	268	"	"	"	"	"	"	"	
	15:45	06,8	49,2	4767	4734	5,1	270	"	"	"	"	"	"	"	
	16:00	06,9	52,3	4764	4737	4,9	270	"	"	"	"	"	"	"	
	16:15	6,9	56,0	4762	4739	5,7	269,9	Raelberg	"	"	"	"	"	"	
	16:30	6,9	59,6	4760	4741	5,7	264,8	"	"	"	"	"	"	"	



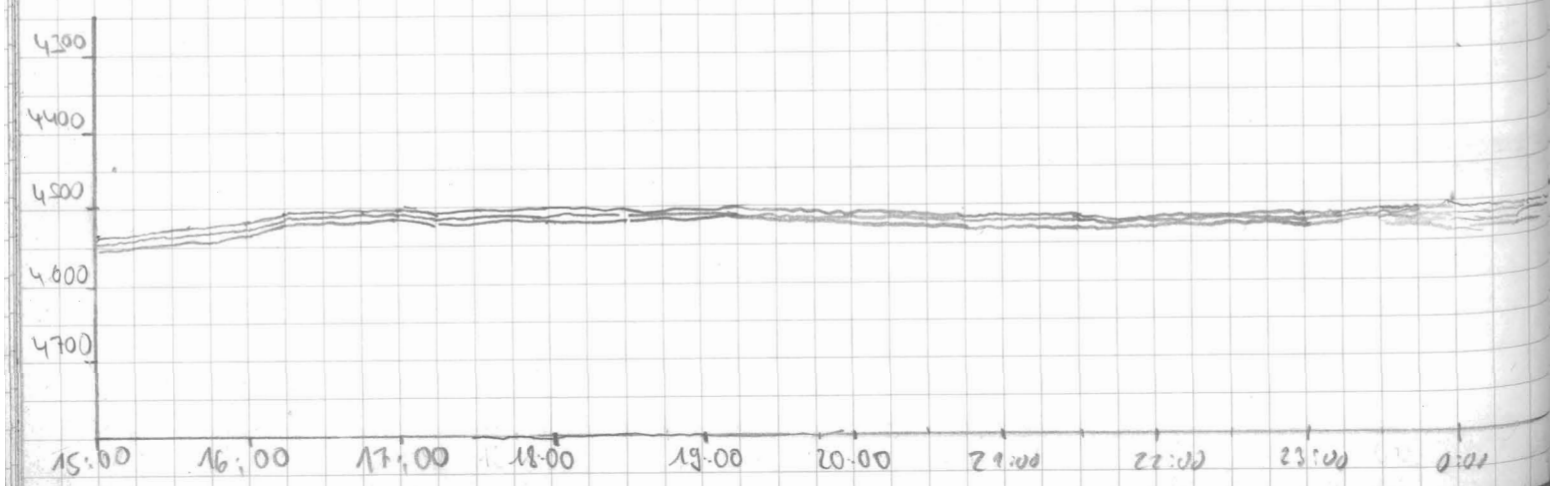
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Gerthw. kn	Kurs °	Wache	Freq. PS	Pulse	Record Length	Wait Time	Ders Rolle	Tape Nr.	Bemerkungen
10.2.97	16:45	68° 6,7'	27° 3,0'	4759	4739	5,4	289,8	Ruelberg	4	2	133	2	10	48	
	17:00	68° 6,5'	27° 6,7'	4759	4735	5,2	259,5	"	"	"	"	"	"	"	
	17:15	68° 6,8'	27° 10,1'	4755	4733	5,3	256,4	"	"	"	"	"	"	"	
	17:30	68° 7,0'	27° 13,4'	4754	4728	5,2	265,8	"	"	"	"	"	"	"	
	17:45	68° 7,0'	27° 16,8'	4756	4724	5,2	271,2	"	"	"	"	"	"	"	
	18:00	7,1	20,4	4757	4725	5,8	276	Hillenbrand	"	"	"	"	"	"	
	18:15	7,1	24,2	4771	4735	5,6	267	"	"	"	"	"	"	"	
	18:30	7,1	28,0	4784	4749	5,6	271	"	"	"	"	"	"	"	Channel ~ 30 m tief
	18:45	7,1	31,8	4754	4725	5,8	263	"	"	"	"	"	"	"	
	19:00	7,2	35,8	4751	4726	5,9	271	"	"	"	"	"	"	"	
	19:15	7,2	39,7	4744	4726	5,7	265	"	"	"	"	"	"	"	
	19:30	7,2	43,5	4735	4709	5,9	271	"	"	"	"	"	"	"	
	19:45	7,2	47,6	4720	4696	5,7	268	"	"	"	"	"	"	"	
	20:00	7,3	51,6	4711	4691	5,9	270	"	"	"	"	"	"	"	ET ~ 30 m
	20:15	7,3	55,6	4709	4690	6,3	268	"	"	"	"	"	"	"	
	20:30	7,3	59,8	4711	4696	5,9	270	"	"	"	"	"	"	"	
	20:45	7,3	28° 03,5'	4714	4698	6,2	264	"	"	"	"	"	"	"	ET ~ 20 m; Reflektoren lanteu zusammen
	21:00	7,4	7,4	4716	4704	5,6	268	"	"	"	"	"	"	"	
	21:15	7,4	11,4	4714	4694	5,2	270	"	"	"	"	"	"	"	
	21:30	7,4	15,1	4712	4699	5,6	269	"	"	"	"	"	"	"	
	21:45	07,5'	19,1'	4710	4703	5,4	270	"	"	"	"	"	"	"	
	22:08	7,5	25,0	4709	4690	5,7	269	"	"	"	"	"	"	"	ET ~ 20 m
	22:19	7,5	27,6	4709	4701	5,8	269	"	"	"	"	"	"	"	
	22:30	7,5	30,3	4708	4708	5,5	268	"	"	"	"	"	"	"	
	22:45	7,5	34,0	4709	4703	5,7	269	"	"	"	"	"	"	"	
	23:00	7,6	37,9	4707	4694	5,7	269	"	"	"	"	"	"	"	
	23:15	7,6	41,7	4704	4697	5,6	267	"	"	"	"	"	"	"	
	23:30	7,7	45,3	4701	4698	6,1	270	"	"	"	"	"	"	"	
	23:45	7,7	49,3	4698	4696	5,9	270	"	"	"	"	"	"	"	
11.02.97	00:00	5,7	53,0	4696	4691	5,8	270	"	"	"	"	"	"	"	
	00:15	7,7	56,7	4693	4691	6,0	267	Unklar	"	"	"	"	"	"	
	00:34	7,8	29° 01,8'	4690	4686	5,4	265	"	"	"	"	"	"	"	
	00:45	7,8	4,4	4688	4697	5,9	271	"	"	"	"	"	"	"	
	01:00	7,8	8,4	4686	4681	5,9	268	"	"	"	"	"	"	"	
	01:15	7,8	12,3	4682	4678	6,0	267	"	"	"	"	"	"	"	
	01:30	7,9	16,3	4678	4668	5,7	269	"	"	"	"	"	"	"	
	01:45	7,9	19,9	4675	4659	5,8	266	"	"	"	"	"	"	"	
	02:00	7,8	24,1	4671	4651	5,8	283	"	"	"	"	"	"	"	
	02:15	7,3	27,8	4668	4621	6,0	302	"	"	"	"	"	"	"	
	02:30	6,9	31,2	4666	4618	6,0	301	"	"	"	"	"	"	"	02:20 Tape 48 → 49
	02:45	5,8	34,6	4662	4616	6,2	300	"	"	"	"	"	"	"	
	03:00	5,0	38,2	4658	4612	5,8	302	"	"	"	"	"	"	"	
	03:15	4,2	41,7	4658	4612	6,1	302	"	"	"	"	"	"	"	
	03:30	3,4	45,1	4664	4638	5,9	301	"	"	"	"	"	"	"	
	03:45	3,6	48,4	4746	4717	5,9	301	"	"	"	"	"	"	"	Kein Deso



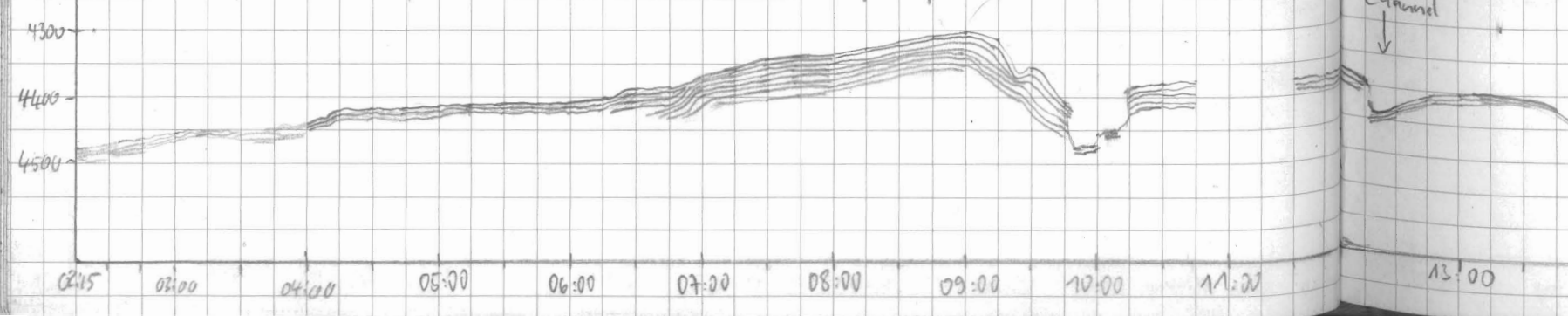
Datum	Zeit UTC	Breite S	Langw W	Tiefe PS	Tiefe IAS	Specht Kn	Kurs °	Wache	Freq PS	Pulse	Record Length	Wait Time	Desc Rate	Tape No	Bemerkungen
11/02/94	04:00	68°01.9	29°51.9	-	4674	6.2	302	Holzk	4	2	133	2	10	49	E64, 04105 Neustart PS
	4:15	1.7	55.2	4673	4652	6.1	299	Thun	"	"	"	"	"	"	
	4:30	0.3	58.8	4639	4629	6.1	301	"	"	"	"	"	"	"	
	4:45	0.1	30°02.6'	4636	4619	5.9	264	"	"	"	"	"	"	"	
	5:00	0.1	06.5'	4638	4621	6.1	265	"	"	"	"	"	"	"	
	5:15	0.2	10.4'	4651	4641	6.2	267	"	"	"	"	"	"	"	
	5:30	0.3	14.7'	4742	4717	6.4	266	"	"	"	"	"	"	"	
	5:45	0.4	18.8'	4733	4706	6.0	262	"	"	"	"	"	"	"	
	06:00	00.5'	22.6'	4734	4705	5.7	262	Dukmann	"	"	"	"	"	"	
	06:20	00.5'	28.3'	4641	4620	5.8	266	"	"	"	"	"	"	"	
	06:30	00.5'	29.6'	4633	4610	2.8	275	"	"	"	"	"	"	"	
	06:45	00.6'	31.1'	4624	4602	1.9	267	"	"	"	"	"	"	"	40m Eindringtiefe
	07:00	00.6'	32.3'	4618'	4593	1.9	264	"	"	"	"	"	"	"	
	07:15	00.6'	33.5'	4611	4588	1.7	274	"	"	"	"	"	"	"	
	07:30	00.6'	34.8'	4605	4581	1.9	279	"	"	"	"	"	"	"	
	07:45	00.5'	36.0'	4600	4576	1.8	278	"	"	"	"	"	"	"	
	08:00	00.6'	39.2'	4586	4567	8.6	264	"	"	"	"	"	"	"	
	08:20	00.9'	47.0'	4565	4551	8.3	263	"	"	"	"	"	"	"	
	08:35	01.1'	52.6'	4560	4549	8.5	264	"	"	"	"	"	"	"	
	08:45	01.2'	55.9'	4560	4546	8.4	265	"	"	"	"	"	"	"	
	09:00	01.4'	31°02.0'	4562	4546	8.3	266	"	"	"	"	"	"	"	
	09:15	01.5'	07.6'	4563	4540	8.2	266	"	"	"	"	"	"	"	
	09:30	01.6'	13.1'	4566	4540	8.1	268	"	"	"	"	"	"	"	
	09:45	01.7'	18.2'	4568	4540	8.2	267	Hilfenbrunn	"	"	"	"	"	"	
	10:00	01.8'	24.1'	4569	4536	8.3	267	"	"	"	"	"	"	"	DESO hängt seit 8:48 h!!! (Grund: Sch... Papierrolle)
	10:15	01.9'	29.6'	4570	4535	8.4	268	"	"	"	"	"	"	"	
	10:30	02.1'	35.2'	4570	4535	8.3	268	"	"	"	"	"	"	"	
	10:46	02.2	40.9'	4571	4528	8.4	267	"	"	"	"	"	"	"	
	11:00	02.3	46.3	4570	4528	8.4	266	"	"	"	"	"	"	"	
	11:15	02.4	51.8	4572	4528	8.3	266	"	"	"	"	"	"	"	
	11:31	02.6	57.7	4571	4525	8.4	267	"	"	"	"	"	"	"	
	11:45	02.7	32°03.0'	4572	4532	8.3	267	"	"	"	"	"	"	"	11:50h : DESO hängt erneut
	12:01	02.8	08.7	4574	4530	8.3	265	"	"	"	"	"	"	"	
	12:16	03.0	14.2	4570	4525	8.3	266	"	"	"	"	"	"	"	ca 11:55h:
	12:30	03.1	19.3	4555	4513	8.3	267	"	"	"	"	"	"	"	PARASOUND-Tiefe hängt, DESO-Tiefe o.k., kein Neustart, da gut geschichtete Sedimente
	12:45	03.2	24.9	4539	4500	8.3	266	"	"	"	"	"	"	"	ET ~ 30m; Transparente Lage im Untergrund
	13:00	03.3	30.4	4527	4501	8.3	270	"	"	"	"	"	"	"	
	13:15	03.4	35.9	4526	4495	8.4	269	"	"	"	"	"	"	"	13:40 Reset → 13:42 Neustart
	13:30	03.4	41.3	4524	4493	8.1	269	"	"	"	"	"	"	"	
	13:46	03.6	47.1	4522	4495	8.1	264	"	"	"	"	"	"	"	
	14:00	03.7	52.4	4520	4493	8.4	267	"	"	"	"	"	"	"	
	14:15	03.8'	58.0'	4522	4501	8.2	267	Dukmann	"	"	"	"	"	"	
	14:30	04.0'	33°03.1'	4530	4503	8.4	268	"	"	"	"	"	"	"	
	14:45	04.1'	08.2'	4537	4510	8.1	267	"	"	"	"	"	"	"	
	15:00	04.2'	14.4'	4540	4502	8.4	266	"	"	"	"	"	"	"	



Datum	Zeit (UTC)	Breit. (°S)	Länge (°W)	Tiefe PS	Tiefe HS	geschw. (km)	Winds (°)	Wache	Req. PS	Pulse	Req. length	wait Time	DESO-Rolle	Tape-Nr.	Bemerkungen
11.02.97	15:15	68° 04,3'	33° 20,2'	4539	4506	8,2	268	Dickmann	4	Z	133	1	10	49	
	15:30	04,4'	25,2'	4536	4502	8,0	268	"	"	"	"	"	"	"	Neustart 15:25
	15:45	04,5'	20,5'	4530	4502	8,1	262	"	"	"	"	"	"	"	
	16:00	04,6'	35,7'	4527	4501	8,1	264	"	"	"	"	"	"	"	
	:15	04,8'	41,0'	4516	4491	7,9	264	Born	"	"	"	"	"	"	
	:30	04,9'	46,3'	4508	4491	7,9	268	"	"	"	"	"	"	"	
	:45	05,0'	51,4'	4506	4480	8,0	269	"	"	"	"	"	"	"	
	17:00	05,1'	57,2'	4505	4479	8,2	266	"	"	"	"	"	"	"	
	:15	05,2'	39° 01,9'	4511	4487	8,2	265	"	"	"	"	"	"	"	
	:30	05,4'	07,6'	4515	4494	8,0	267	"	"	"	"	"	"	"	
	:45	05,5'	13,4'	4521	4499	8,4	258,3	"	"	"	"	"	"	"	
	18:00	05,6'	19,2'	4519	4496	8,5	267,8	Roggenhagen	"	"	"	"	"	"	
	:15	05,7'	25,0'	4517	4495	8,7	268,5	"	"	"	"	"	"	"	
	:30	05,8'	30,9'	4518	4496	8,8	264,6	"	"	"	"	"	"	"	
	:45	05,9'	36,7'	4514	4484	8,9	268,4	"	"	"	"	"	"	"	
	19:00	05,3	42,2	4514	4473	9,2	295,4	"	"	"	"	"	"	"	
	:15	04,3	47,8	4518	4467	9,1	292,0	"	"	"	"	"	"	"	
	:30	03,4	53,4	4520	4473	9,2	294,0	"	"	"	"	"	"	"	
	:45	02,9	58,1	4527	4485	0,9	217,7	"	"	"	"	"	"	"	Ausbringen des Strömungs Dens - steht
	20:00	03,3	58,4	4526	4482	1,8	193	Hahn	"	"	"	Z	"	"	
	:15	03,7	58,6	4526	4480	1,8	183	"	"	"	"	"	"	"	
	:30	04,3	58,8	4525	4480	3,2	185	"	"	"	"	"	"	"	
	:45	05,1	59,0	4524	4480	3,2	182	"	"	"	"	"	"	"	
	21:00	06,4	35° 00,0'	4520	4486	4,8	207	"	"	"	"	"	"	"	
	:15	06,5	35° 03,1'	4521	4490	6,1	271	"	"	"	"	"	"	"	
	:30	06,5	07,1	4524	4492	5,5	269	"	"	"	"	"	"	"	
	:45	6,5	10,7	4525	4490	5,6	270	"	"	"	"	"	"	"	
	22:00	6,6	14,3	4523	4492	5,2	261	"	"	"	"	"	"	"	
	:16	6,8	17,9	4523	4493	5,3	257	"	"	"	"	"	"	"	
	:45	6,7	25,1	4529	4479	5,7	278	"	"	"	"	"	"	"	
	23:00	6,5	28,7	4523	4477	5,3	265	"	"	"	"	"	"	"	hole Anlichter > 3500 mV
	:15	6,5	32,3	4521	4477	5,4	272	"	"	"	"	"	"	"	
	:30	6,5	36,0	4515	4474	5,5	269	"	"	"	"	"	"	"	
	:45	6,5	39,5	4512	4470	5,5	270	Waher	"	"	"	"	"	"	
12/02/97	00:00	6,5	43,1	4509	4473	5,4	271	"	"	"	"	"	"	"	
	:15	6,5	46,9	4511	4477	5,4	270	"	"	"	"	"	"	"	ET ~ 30 m
	:30	6,5	50,2	4513	4476	5,3	270	"	"	"	"	"	"	"	
	:45	6,5	53,7	4516	4482	5,4	270	"	"	"	"	"	"	"	
	01:00	6,5	57,6	4514	4479	5,0	271	"	"	"	"	"	"	50	Tape 49 -> 50
	:15	7,1	59,6	4509	4469	5,3	180	"	"	"	"	"	"	"	
	:30	8,5	59,6	4503	4468	6,0	180	"	"	"	"	"	"	"	
	:45	10,0	59,6	4495	4456	6,2	179	"	"	"	"	"	"	"	
	02:00	11,6	59,6	4491	4457	6,3	182	"	"	"	"	"	"	"	



Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe WS	Spech. W	Wass. °	Wache	Freq. PS	Pulse	Record Length	Unit Time	Dist. Rolle	Tupl. No	ET ~	
12/02/97	02:15	68°13,1	39°59,6	4486	4452	6,6	179	Unschl	4	2	133	2	10	50	ET ~ 30m	
	1:34	15,4	59,6	4479	4449	6,9	181	"	"	"	"	"	"	"		
	1:45	16,6	59,6	4474	4451	6,9	180	"	"	"	"	"	"	"		
	03:00	18,2	59,6	4469	4454	6,9	180	"	"	"	"	"	"	"	E 033	
	1:15	19,8	59,6	4458	4441	6,8	179	"	"	"	"	"	"	"		
	1:50	21,4	36,00,6	4452	4438	6,4	236	"	"	"	"	"	"	"		
	1:40	22,0	02,8	4457	4437	5,1	231	"	"	"	"	"	"	"		
	04:00	23,1	6,3	4445	4452	5,5	231	"	"	"	"	"	"	"		
	04:15	23,9	5,3	4437	4420	5,3	236	Hillenbrand	"	"	"	"	"	"	ET ~ 30m	
	04:30	24,8	12,2	4433	4411	5,4	232	"	"	"	"	"	"	"		
	04:45	25,6	15,0	4430	4406	5,5	231	"	"	"	"	"	"	"		
	05:00	26,5	18,0	4426	4403	5,5	231	"	"	"	"	"	"	"		
	05:15	27,4	21,1	4425	4398	5,5	231	"	"	"	"	"	"	"		
	05:30	28,7	21,7	4419	4395	5,3	175	"	"	"	"	"	"	"		
	05:45	30,1	21,7	4415	4387	5,2	182	"	"	"	"	"	"	"		
	06:00	31,5	21,8	4408	4383	5,6	180	"	"	"	"	"	"	"		
	06:15	32,9	21,8	4400	4372	5,7	179	"	"	"	"	"	"	"		
	06:30	34,3	21,9	4391	4367	5,6	179	"	"	"	"	"	"	"	ET ~ 35m	
	06:45	35,7	21,9	4385	4361	5,5	180	"	"	"	"	"	"	"		
	07:00	37,1	22,0	4372	4342	5,5	182	"	"	"	"	"	"	"		
	07:15	38,4	22,0	4358	4336	5,7	180	"	"	"	"	"	"	"	ET ~ 40m	
	07:30	39,8	22,1	4346	4321	5,6	180	"	"	"	1	"	"	"		
	07:45	41,3	22,2	4336	4316	5,5	181	"	"	"	"	"	"	"		
	08:00	42,6	22,2	4325	4309	5,7	180	"	"	"	"	"	"	"		
	08:15	44,1	22,3	4315	4303	5,8	181	Dükmann	"	"	"	"	"	"		
	08:30	45,5	22,3	4307	4295	5,8	181	"	"	"	"	"	"	"		
	08:45	46,9	22,4	4301	4293	5,8	181	"	"	"	"	"	"	"		
	09:00	48,4	22,4	4319	4308	5,7	182	"	"	"	"	"	"	"		
	09:15	49,8	22,5	4357	4351	5,6	181	Max. Amplif.	"	"	"	"	"	"	Wache	
	09:30	51,2	22,6	4369	4352	5,5	181	4425	"	"	"	"	"	"	Dükmann	
	09:45	52,5	22,6	4405	4400	5,5	182	3210	"	"	"	"	"	"	"	
	10:00	54,0	22,7	4455	4435	5,9	181	2250	"	"	"	"	"	"	"	
	10:15	55,3	22,7	4393	4382	5,6	181	2700	"	"	"	"	"	"	"	
	10:30	56,7	22,8	4380	4357	5,4	182	~4000	"	"	"	"	"	"	"	
	10:45	58,2	22,8	4375	4350	5,7	180	~4500	"	"	"	"	"	"	"	
	11:00	59,5	22,9	-	(3910)	5,7	181	-	"	"	"	"	"	"	"	
	11:15															
	11:30	69°02,3'	36°23,0'	4372	4343	5,5	182	~2400	4	2	133	2	11	50	"	11:15 DESO-Rolle gewechselt
	11:45	03,7'	23,1'	4372	4347	5,8	181	~5500	"	"	"	"	"	"	"	und Parasound-Neustart
	12:00	05,0'	23,1'	4375	4344	5,7	179	~5000	"	"	"	"	"	"	"	ET ~ 20m
	12:15	06,5'	23,2'	4389	4364	5,5	180	~3000	"	"	"	"	"	"	"	Hillenbrand
	12:31	08,0'	23,3'	4421	4387	5,9	181	~3500	"	"	"	"	"	"	"	12:20h: Channel
	12:45	09,4'	23,3'	4405	4362	5,2	180	~4000	"	"	"	"	"	"	"	Dükmann
	13:00	10,2'	23,4'	4401	4358	5,2	174	~4000	"	"	"	"	"	"	"	"
	13:15	12,3'	23,4'	4393	4356	5,7	180	~5000	"	"	"	"	"	"	"	"
	13:30	13,7'	23,5'	4403	4361	5,2	180	~4500	"	"	"	"	"	"	"	"
	13:45	15,2	23,6	4419	4393	5,9	183	~2000	"	"	"	"	"	"	"	Hillenbrand



Bundeswasser

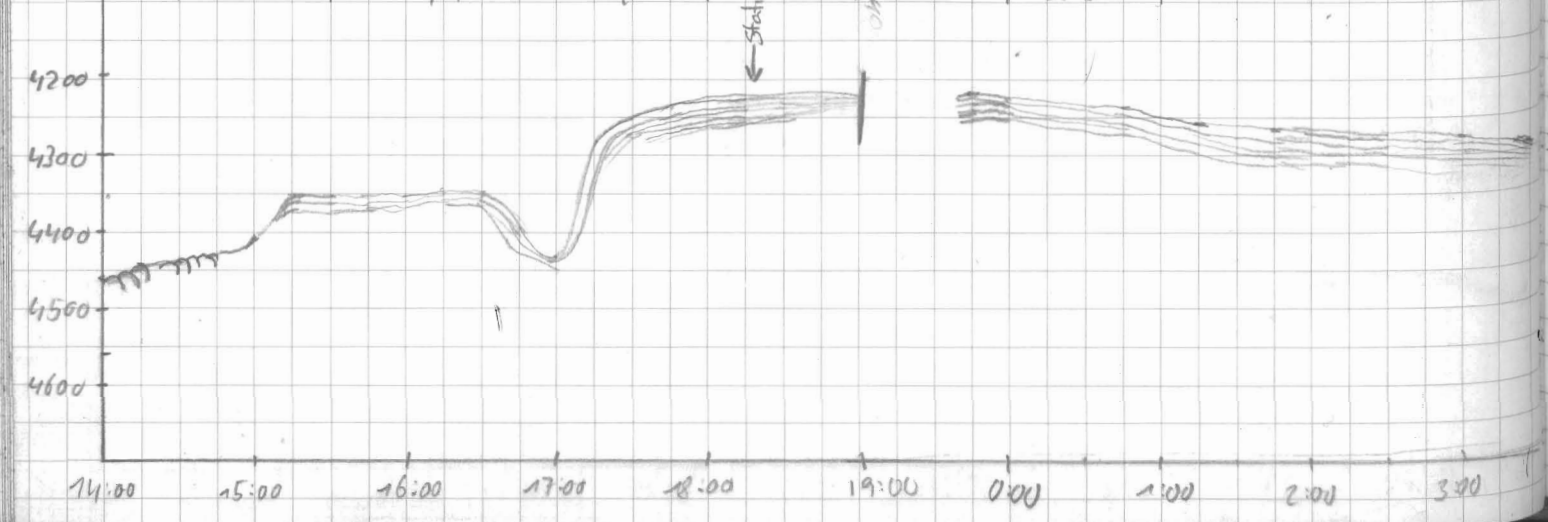
Wache
Dükmann

11:15 DESO-Rolle gewechselt
und Parasound-Neustart
ET ~ 20m

12:20h: Channel

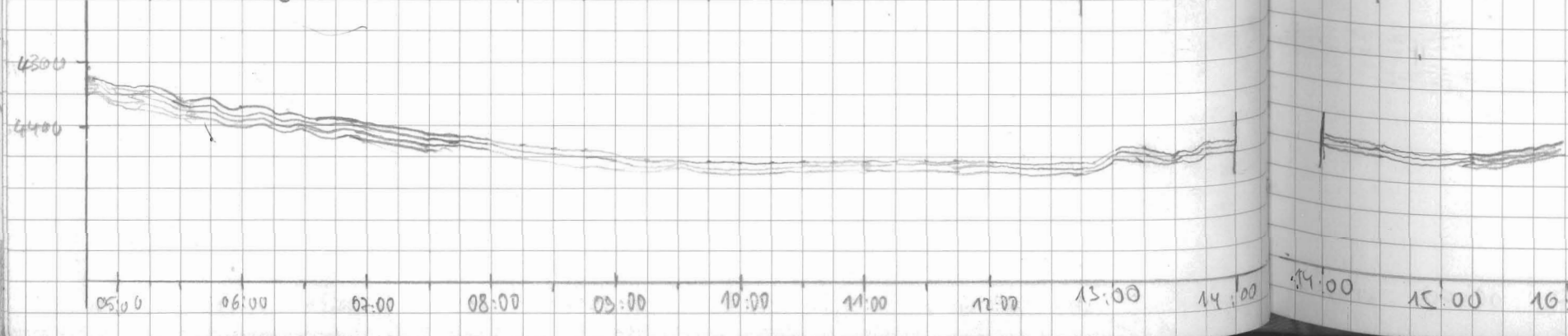
Channel
↓

Datum	Zeit UTC	Breit. S	Länge W	Tull PS	Tull HS	Geschw. (km)	Kurs	Max. Amplitude	Freq. PS	Pulse	Rec. Length	Wait Time	DESO-Rolle	Tape-Nr.	Wache	Bemerkungen
12/02/97	14:00	69° 16,6	36° 23,8	4464	4475	5,9	189	2000	4	2	130	2	11	50	St. Schumacher	
	14:15	18,1	24,0	4456	4412	6,0	179	2000-3000	"	"	"	"	"	"	"	14.43 Kurswechsel
	14:30	19,6	23,7	4445	4406	5,8	184	2000	"	"	"	"	"	"	"	
	14:45	20,9	24,6	4453	4394	6,0	252	3000-4000	"	"	"	"	"	"	"	15.15 Wait Time 15sec
	15:00	20,6	28,7	4405	4371	6,6	262	2000-2500	"	"	"	1	"	"	"	
	15:15	20,0	33,0	4350	4315	6,1	290	3000-4000	"	"	"	"	"	"	"	
	15:30	19,6	36,3	4351	4321	5,9	290	4000	"	"	"	"	"	"	"	
	15:45	19,0	41,0	4353	4323	5,9	290	2300	"	"	"	"	"	"	"	
	16:00	18,5	44,9	4353	4320	6,0	289	2300	"	"	"	"	"	"	"	
	16:15	18,0	48,9	4348	4312	6,0	290	3000-4000	"	"	"	"	"	"	"	
	16:30	17,6	52,8	4348	4307	5,9	289	455200!	"	"	"	"	"	"	"	
	16:45	17,1	56,7	4397	4354	5,7	289	3900	"	"	"	"	"	"	"	
	17:00	16,6	57°00,6	4433	4388	5,8	288	2700	"	"	"	"	"	"	"	
	17:15	16,1	04,5	4282	4237	5,9	288	2200	"	"	"	"	"	"	"	
	17:30	15,7	08,3	4255	4217	5,8	290	2800-3700	"	"	"	"	"	"	"	
	17:45	15,2	12,1	4233	4204	5,6	293		"	"	"	"	"	"	"	
	18:00	69° 14,8	37° 16,02	4220	4193	5,8	277	3380	"	"	"	"	"	"	"	
	18:15	14,6	20,01	4216	4187	5,8	284	2945	"	"	"	"	"	"	"	
	18:30	14,4	23,95	4218	4190	4,5	264	3125	"	"	"	"	"	"	"	
	18:45	14,5	25,6	4218	4184	1,9	257	2952	"	"	"	"	"	"	"	
	19:00	14,6	26,0	4218	4186	1,6	-265	4215	"	"	"	"	"	"	"	
	19:30	14,9	19,7	4217	4186	9,0	86	2757-3300	"	"	"	1	"	"	"	Beginn Station 80m Einbringung
	20:08	14,8	17,8	4217	4185	0,3	93	2900-3500	X	X	"	0	"	"	"	Kultur Frequenztest
	23:45	13,6	18,7	4222	4196	8,7	336	3400	4	2	"	1	"	"	"	
13/02/97	0:00	11,9	20,3	4230	4204	2,9	9	3400	"	"	"	2	"	"	"	
	0:15	11,2	20,3	4235	4201	3,0	3	3890	"	"	"	"	"	"	"	
	0:30	10,4	20,3	4238	4215	4,2	2	4800	"	"	"	"	"	"	"	
	0:45	9,6	20,2	4242	4208	4,6	7	5000	"	"	"	"	"	"	"	
	01:00	8,0	19,8	4249	4217	5,7	5,2	3900	"	"	"	"	"	"	"	
	01:15	6,5	19,5	4255	4218	6,1	4,6	4800	"	"	"	"	"	51	"	
	01:30	5,1	19,2	4258	4229	6,2	4,7	4900	"	"	"	"	"	"	"	
	01:45	3,5	18,8	4262	4226	6,0	4,0	3100	"	"	"	"	"	"	"	
	02:00	2,0	18,4	4266	4249	6,0	4,5	3900	"	"	"	"	"	"	"	
	02:15	0,5	18,1	4269	4253	6,1	4,9	3900	"	"	"	"	"	"	"	
	02:30	68° 59,0	17,7	4272	4265	5,9	4,8	4400	"	"	"	"	"	"	"	
	02:45	57,5	17,4	4275	4265	5,8	4,7	4000	"	"	"	"	"	"	"	
	03:00	56,1	17,1	4279	4269	5,9	4,2	4000	"	"	"	"	"	"	"	
	03:15	54,6	16,7	4286	4274	5,8	5,2	2800	"	"	"	"	"	"	"	
	03:30	53,2	16,4	4296	4276	5,8	4,8	2600	"	"	"	"	"	"	"	
	03:45	51,8	16,1	4306	4279	5,9	5,4	2500	"	"	"	"	"	"	"	
	04:00	50,3	15,7	4313	4283	5,9	4,4	3200	"	"	"	"	"	"	"	
	04:15	48,8	15,4	4320	4291	5,9	4,4	4000	"	"	"	"	"	"	"	
	04:30	47,1	15,0	4330	4297	6,0	3,5	4300	"	"	"	"	"	"	"	

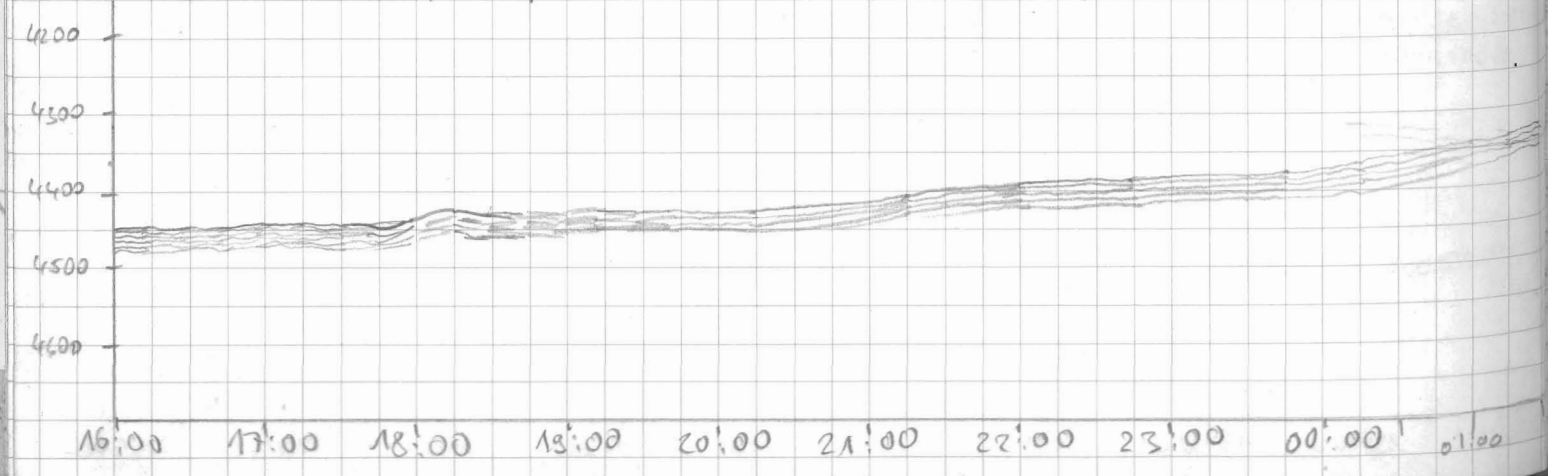


04:00 04:30

Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Spd in km	Kurs °	Max Ampl mV	Final PS	Pulse	Record Length	Wait Time	Paper Rolle	Tape No	Wade	Bemerkungen
13/02/97	04:45	68°45.8	37°14.7	4336	4305	5.8	5.8	3500	4	2	133	2	11	51	Unter	
	05:03	44.2	14.0	4344	4313	5.8	18.8	3500	"	"	"	"	"	"	"	
	05:15	43.0	13.2	4347	4310	5.7	5.1	4000	"	"	"	"	"	"	"	ET ~ 45m
	05:30	41.6	13.5	4359	4324	5.7	35.0	4400	"	"	"	"	"	"	"	
	05:45	40.2	13.6	4362	4329	5.6	10	3300	"	"	"	"	"	"	"	
	06:00	38.8	13.1	4372	4329	5.8	6.1	4200	"	"	"	"	"	"	Hilfsband	Megarippen, NE-vergent
	06:15	37.3	12.8	4378	4336	5.8	4.9	4400	"	"	"	"	"	"	"	ET ~ 30m
	06:30	35.9	12.4	4383	4337	5.8	4.6	3300	"	"	"	"	"	"	"	
	06:41	34.8	12.2	4388	4348	5.8	4.5	5000	"	"	"	"	"	"	"	
	07:00	33.0	11.8	4398	4353	5.8	4.8	3600	"	"	"	"	"	"	"	
	07:15	31.6	11.5	4408	4381	5.8	4.5	4600	"	"	"	"	"	"	"	
	07:33	29.9	11.1	4412	4389	5.7	4.3	4500	"	"	"	"	"	"	"	
	07:45	28.8	10.8	4417	4394	5.5	4.3	3900	"	"	"	"	"	"	"	
	08:00	27.4	10.5	4422	4403	5.6	5.3	5200	"	"	"	"	"	"	"	
	08:15	27.0 (?)	10.2	4427	4411	5.7	4.1	4900	"	"	"	"	"	"	St. Schmal	
	08:30	24.5	09.9	4433	4426	5.7	5.5	4500	"	"	"	"	"	"	"	
	08:45	23.2	09.6	4439	4426	5.7	4.3	5300	"	"	"	"	"	"	"	08:50 Computer abgestand
	09:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Wechsel Tape 51 -> Tape 52
	09:19	68°19.9	37°08.8	4451	4437	5.5	4.4	5000	"	"	"	"	"	52	"	
	09:30	19.0	08.6	4456	4440	5.5	3.9	4300	"	"	"	"	"	"	"	
	09:45	17.7	08.3	4459	4440	5.4	5.8	5400	"	"	"	"	"	"	"	
	10:00	16.3	08.0	4465	4429	5.2	343.0	5000	"	"	"	"	"	"	"	Kurswechsel
	10:15	15.7	11.4	4465	4436	5.9	291.8	3500	"	"	"	"	"	"	"	
	10:30	15.2	11.2	4463	4443	6.1	289.0	2800	"	"	"	"	"	"	"	
	10:45	14.7	11.1	4462	4443	6.0	290.8	3700	"	"	"	"	"	"	"	
	11:00	14.2	22.9	4458	4439	6.2	291.1	4900	"	"	"	"	"	"	"	
	11:15	13.7	26.2	4461	4449	6.2	289.3	4300	"	"	"	"	"	"	"	
	11:30	13.1	30.6	4460	4450	6.1	288.4	5200	"	"	"	"	"	"	"	
	11:45	12.6	34.3	4459	4409	5.5	290.8	4500	"	"	"	"	"	"	"	
	12:00	12.2	37.5	4459	4443	5.4	288.8	3700	"	"	"	"	"	"	"	
	12:15	11.7	41.3	4462	4444	6.1	291	~5700	"	"	"	"	"	"	Dickmann	Eindringtieft: 30m
	12:30	11.2	44.9	4462	4434	5.9	290	~4000	"	"	"	"	"	"	"	
	12:45	10.7	48.5	4465	4424	5.2	290	~4000	"	"	"	"	"	"	"	
	13:00	10.3	51.8	4449	4402	5.4	290	~4200	"	"	"	"	"	"	"	
	13:15	09.8	55.4	4447	4396	5.3	289	~4700	"	"	"	"	"	"	"	
	13:30	09.3	58.2	4451	4397	5.6	289	~3600	"	"	"	"	"	"	"	
	13:45	08.8	38°02.5'	4440	4390	5.9	291	~2750	"	"	"	"	"	"	"	
	14:00	08.3	06.1'	4441	4391	5.5	293	4500-5200	"	"	"	"	"	"	"	
	14:15	07.2	02.1'	4446	4396	5.6	290	4400-5000	"	"	"	"	"	"	"	
	14:30	07.3	13.3'	4449	4403	5.2	290	4500-5000	"	"	"	"	"	"	"	
	14:45	06.9	16.8'	4453	4404	5.6	290	3700-4200	"	"	"	"	"	"	"	
	15:00	06.4	20.4'	4455	4411	5.7	291	3500-4000	"	"	"	"	"	"	"	
	15:15	05.9	23.9'	4453	4412	5.6	288	3800-4000	"	"	"	"	"	"	"	
	15:30	-	-	-	-	-	-	4000-5000	"	"	"	"	"	"	"	
	15:45	04.9	31.2'	4456	4407	6.1	291	4000-5000	"	"	"	"	"	"	"	
	16:00	68°04.39	38°34.9	4449	4408	6.1	290	3900-5000	"	"	"	"	"	"	NL	

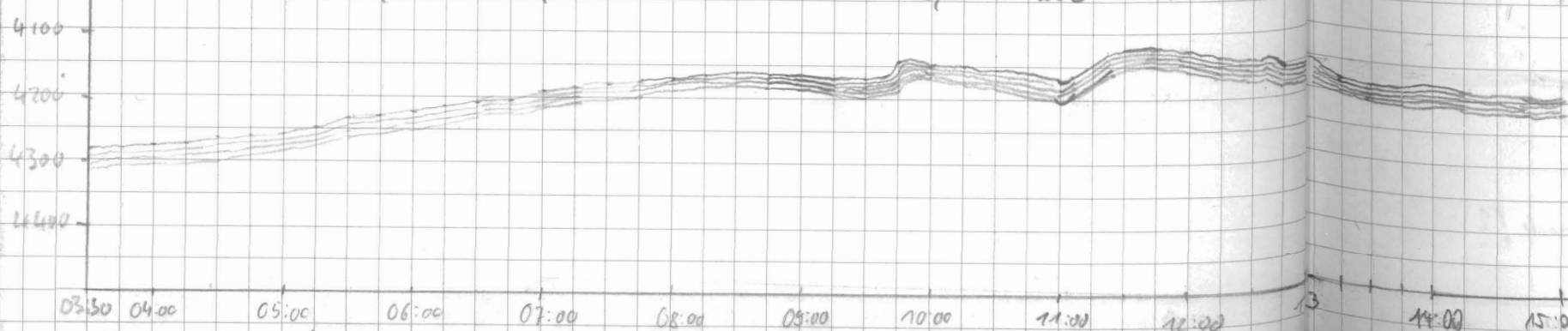


Datum	Zeit UTC	Breit S	Länge W	Tief PS	Tief HS	feschw. (Um)	Kurs (°)	Max. Ampl. (mV)	Trag PS	Pulse	Rec. length	wait Time	DESO-Rolle	Tape-Nr.	Wacht
13.2.97	16:15	68°03,9 S	38°38,8 W	4451	4395	6,2	290	4000-4700	4,0	20	133	20	11	52	NL
	16:30	03,3	42,6	4453	4398	6,2	290	3000-4500	"	"	"	"	"	"	"
	16:45	02,8	46,5	4448	4384	6,0	291	3000-4200	"	"	"	"	"	"	"
	17:00	68°02,3 S	38°50,1 W	4446	4383	5,9	290	4000-4600	4,0	20	133	20	11	52	NL
	17:15	01,8	53,8	4444	4370	6,1	290	4000-4500	"	"	"	"	"	"	"
	17:30	01,3	57,6	4443	4374	6,1	290	4700-5300	"	"	"	"	"	"	"
	17:45	00,8	39°01,2	4445	4385	5,8	290	4000-4500	"	"	"	"	"	"	"
13.2.97	18:00	68°00,275	39°05,001	4440	4390	6,1	288,1		4,0	20	133	20	11	52	Robmann
	:15	67°59,750	39°08,161	4435	4389	5,9	292,0	4000-4800	4,0	"	"	"	"	"	↳ Kurswechsel
	:30	68°00,128	39°11,751	4436	4393	5,6	209	4000-4700	"	"	"	"	"	"	"
	:45	68°01,360	39°13,703	4433	4395	6,0	213	3800-4300	"	"	"	"	"	"	"
	19:00	68°02,665	39°15,783	4430	4401	5,7	210	4000-4800	"	"	"	"	"	"	"
	19:15	68°03,997	39°17,884	4428	4412	5,9	211,3	4100-5300	"	"	"	"	"	"	"
	19:30	68°05,127	19 75 2	4427	4407	6,0	221,2	4600-5200	"	"	"	"	"	"	"
	:45	68°06,452	39°21,778	4425	4396	5,9	211	3500-4400	"	"	"	"	"	"	"
	20:00	7,2'	22,9'	4425	4396	3,9	190°	4300-5500	"	"	"	"	"	"	Kalun
	:15	9,9'	25,7'	4423	4393	4,6	202	4600-5200	"	"	"	"	"	"	↳ Einbringung > 30m
	:30	10,0'	27,5'	4421	4393	5,9	209	7600-5300	"	"	"	"	"	"	"
	:45	11,3'	29,4'	4417	4383	5,6	293	3000-4300	"	"	"	"	"	"	"
	21:00	12,6	31,4'	4414	4379	5,8	217	3200-4300	"	"	"	"	"	"	"
	:15	13,8	33,5'	4409	4368	6,1	209	2900-3500	"	"	"	"	"	"	"
	:31	15,2	35,8'	4403	4364	6,0	214	3000-4100	"	"	"	"	"	"	"
	:45	16,3	38,0'	4398	4361	5,9	215	3500-4400	"	"	"	"	"	"	"
	22:00	17,8	39,5'	4394	4359	6,2	195	3000-3400	"	"	"	"	"	"	"
	:15	19,0	41,6'	4390	4350	5,9	213	4400-5600	"	"	"	"	"	"	"
	:45	21,3	43,5'	4386	4345	5,4	210	3600-4400	"	"	"	"	"	"	"
	23:00	22,4	44,4'	4384	4343	5,4	210	3400-5300	"	"	"	"	"	"	"
	:15	23,6	49,0	4382	4339	5,3	207	4800-5500	"	"	"	"	"	"	"
	:30	24,6	51,2	4376	4334	5,1	213	2900-3400	"	"	"	"	"	"	"
	:45	25,7	52,8	4370	4330	5,3	206	3000-3700	"	"	"	"	"	"	"
14/02/97	0:01	26,9	54,5	4368	4325	4,9	210	3000-3100	"	"	"	"	"	"	"
	:15	27,4	56,2	4364	4327	5,7	211	3600-4000	"	"	"	"	"	"	Unklar
	:30	29,1	58,1	4359	4329	5,7	211	2800	"	"	"	"	"	"	"
	:45	30,4	40°00,2	4353	4330	5,8	211	3000	"	"	"	"	"	"	"
	01:00	31,5	2,0	4348	4326	5,8	211	3000	"	"	"	"	"	"	"
	:15	32,8	4,0	4343	4314	5,8	211	3800	"	"	"	"	"	"	"
	:30	34,0	6,0	4328	4602	4,6	210	2700	"	"	"	"	"	"	"
	:45	35,2	8,0	4324	4300	5,7	210	2500	"	"	"	"	"	"	"
	02:00	36,5	10,0	4326	4285	5,6	212	4500	"	"	"	"	"	"	"
	:15	37,6	11,8	4320	4281	5,7	211	2800	"	"	"	"	"	"	"
	:30	38,8	13,9	4313	4279	5,6	210	3200	"	"	"	"	"	"	"
	:45	40,0	15,2	4306	4274	4,5	211	4300	"	"	"	"	"	"	"
	03:00	41,0	17,5	4301	4267	6,0	210	4300	"	"	"	"	"	"	"
	:15	42,3	19,5	4246	4257	5,5	211	4300	"	"	"	"	"	"	"

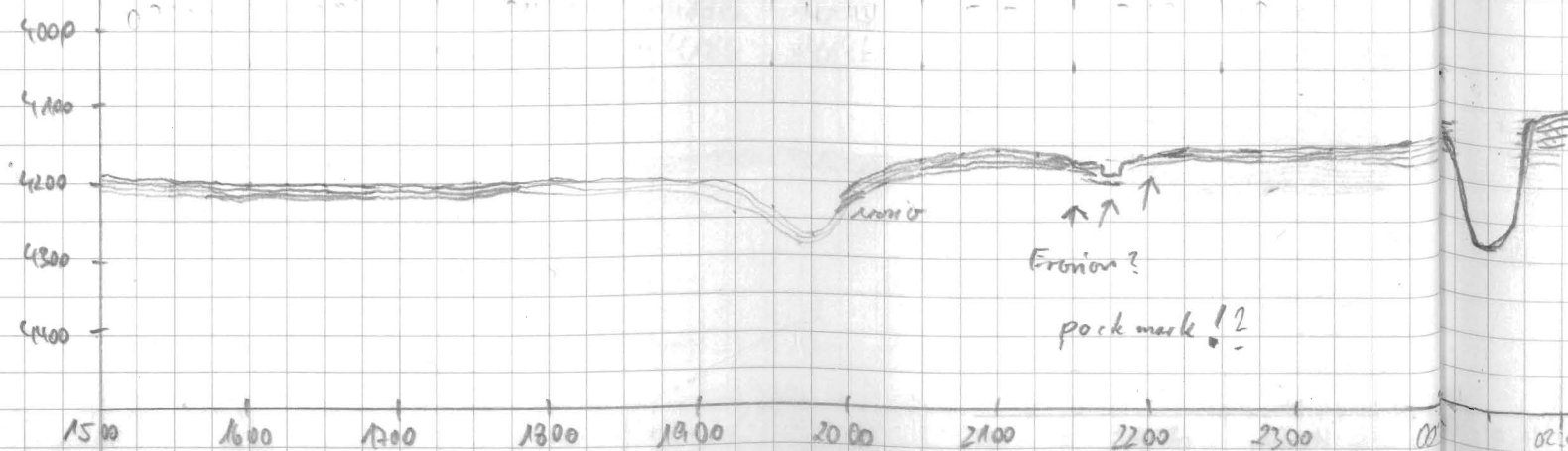


02:00 03:00

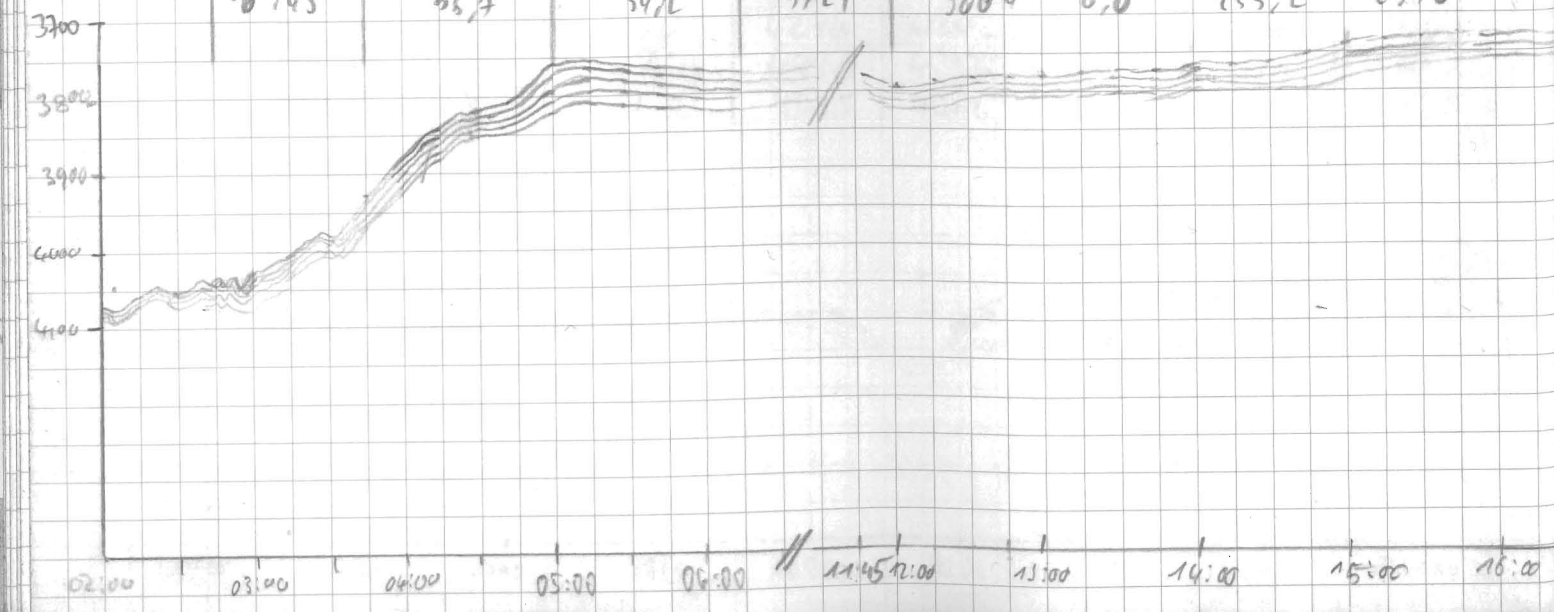
Datum	Zeit UTC	Breite S	Laenge W	Tiefe m	Tiefe fms	Geschw. [km]	Waves [0]	Max Amplit. [m V]	Pulse	Period Length	Walt Time	Dist Rolle	Tagez Da	Wache	Bemerkungen
14/02/97	03:30	68°43,6	40°21,5	4288	4251	6,0	211	3700	2	133	20	11	52	Unid	IST > 40 m
	03:45	44,7	23,4	4281	4244	5,4	212	2700	"	"	"	"	"	"	"
	04:00	45,8	25,2	4278	4244	5,0	210	2700	"	"	"	"	"	St-Schmal-	"
	04:15	47,0	27,2	4271	4235	5,8	210	2900	"	"	"	"	"	"	"
	04:30	48,2	29,1	4265	4231	5,9	210	4100	"	"	"	"	"	"	"
	04:45	49,5	31,3	4259	4225	5,9	211	3900	"	"	"	"	"	"	Reflektion 97-gestört, Eisfelder?
	05:00	50,8	33,2	4254	4218	6,0	205	4300	"	"	"	"	"	"	"
	05:15	52,1	34,5	4247	4211	5,5	199	4100	"	"	"	"	"	"	"
	05:30	53,5	35,8	4239	4209	6,0	200	2900	"	"	"	"	"	"	"
	05:45	54,7	38,1	4233	4201	5,8	218	5300	"	"	"	"	"	"	"
	06:00	55,8	40,6	4225	4194	5,7	216	3900	"	"	"	"	"	"	"
	06:15	57,0	43,0	4214	4182	6,2	215	2800	"	"	"	"	"	"	Deso-Rolle läuft unregelmäßig
	06:30	58,2	45,1	4209	4181	6,3	210	4000	"	"	"	"	"	"	"
	06:45	59,5	46,9	4201	4171	5,8	208	3100	"	"	"	"	"	"	"
	07:00	69°00,8	48,9	4193	4159	6,2	211	3200	"	"	"	"	"	"	"
	07:15	61,9	50,9	4185	4149	6,4	212	3500	"	"	"	"	"	"	"
	07:30	63,1	53,3	4178	4141	5,8	217	1000	"	"	"	"	"	"	"
	07:45	63,7	54,6	4171	4133	3,5	182	3600	"	"	"	"	"	"	"
	08:00	65,8	58,1	4166	4129	5,6	221	4300	"	"	"	"	"	"	"
	08:15	66,7	41°00,6'	4160	4121	5,3	202	3500	"	"	"	"	"	Dükmann	"
	08:30	67,9'	02,9'	4155	4116	6,2	271	3600	"	"	"	"	"	"	"
	08:45	67,1'	06,3'	4152	4117	3,8	297	3500-4000	"	"	"	"	"	"	"
	09:00	66,6'	08,9'	4159	4106	5,7	315	3700-3700	"	"	"	"	"	"	"
	09:15	65,5'	12,3'	4160	4121	6,5	307	2700-4000	"	"	"	"	"	"	"
	09:30	64,8'	16,0'	4164	4124	6,0	308	2200-4200	"	"	"	"	"	"	"
	09:45	64,0	19,3	4148	4108	6,2	298	2600-4000	"	"	"	"	"	"	"
	10:00	63,3	23,0	4155	4113	5,4	296	2600-3500	"	"	"	"	53	Kurkur	SL-Komposition !
	10:15	62,6	26,3	4159	4117	4,7	299	2800-3500	"	"	"	"	"	"	"
	10:30	61,9	29,6	4164	4133	5,8	309	3000-4100	"	"	"	"	"	"	"
	10:45	61,0	32,5	4167	4132	5,6	316	3000-4100	"	"	"	"	"	"	"
	11:00	68°59,9'	35,5	4178	4140	5,6	314	2300-3700	"	"	"	"	"	"	"
	11:21	68,7'	39,4	4136	4103	5,5	297	2500-3500	"	"	"	"	"	"	"
	11:30	68,7'	42,1	4128	4091	5,7	300	2400-3600	"	"	"	"	"	"	"
	11:45	67,6'	45,0	4130	4097	5,4	292	2400-3500	"	"	"	"	"	"	"
	12:00	67,0'	48,6	4137	4099	5,3	297	2000-2900	"	"	"	"	"	Hillenbund	"
	12:15	66,4'	51,8	4142	4105	5,2	290	2000-3700	"	"	"	"	"	"	"
	12:30	65,9'	55,2	4145	4104	5,1	308	2700-3800	"	"	"	"	"	"	"
	12:45	64,9'	57,9'	4154	4118	5,9	318	2700-4200	"	"	"	"	"	"	"
	13:00	63,8'	42°00,6'	4158	4122	6,0	318	3000-3500	"	"	"	"	"	"	"
	13:15	62,6	03,0	4169	4136	5,8	329	2800-3600	"	"	"	"	"	"	"
	13:34	61,3	05,8	4177	4128	5,3	291	1500-2900	"	"	"	"	"	"	"
	13:46	61,1	09,3	4175	4135	6,4	269	2800-3700	"	"	"	"	"	"	"
	14:00	60,8	12,8	4173	4133	6,0	267	2500-3400	"	"	"	"	"	"	"
	14:15	60,0	15,9	4176	4135	6,0	322	2800-3600	"	"	"	"	"	"	"
	14:30	60,6	18,9	4182	4145	5,4	302	2600-3100	"	"	"	"	"	"	"
	14:45	60,2	22,1	4186	4146	5,7	288	2600-3400	"	"	"	"	"	"	ca 14:50 Systemabsturz



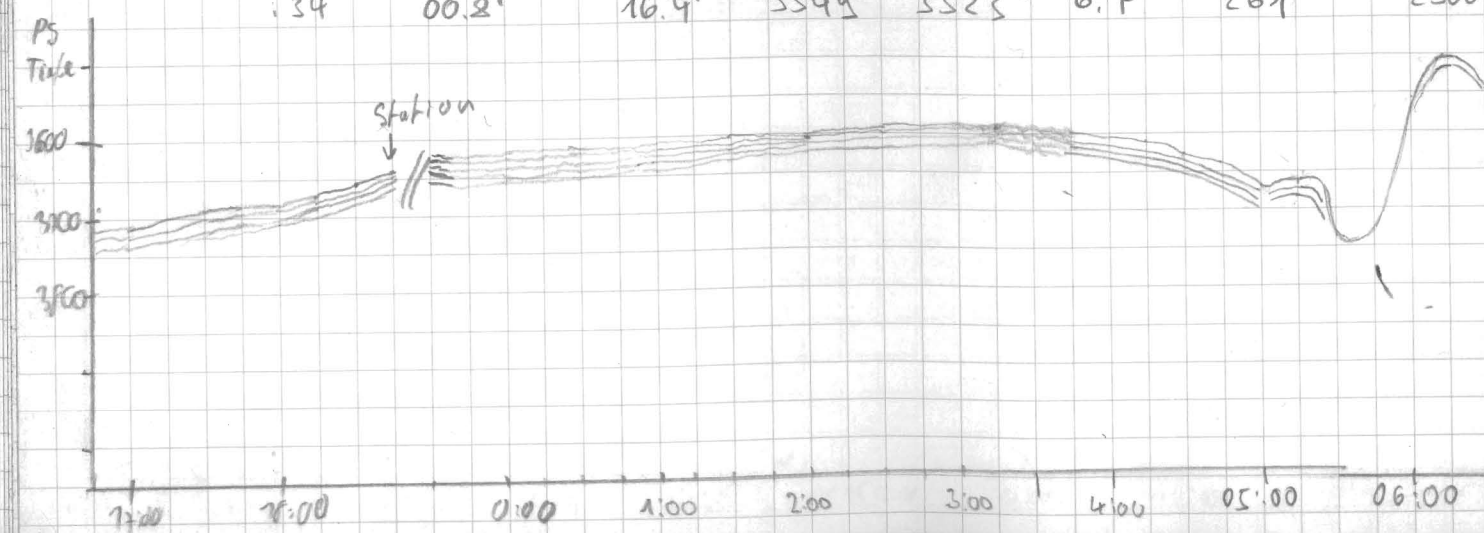
DATUM	ZEIT UTC	BREITE	LÄNGE	TIEFE PS	TIEFE HS	SPEED Ku	KURS 0	MAX. AMPL. mV	FREQ 3	PULSE RECORD LENGTH	WAIT TIME	DESP ROLLE	TAPE No	WACHE	ZEMERKUNGEN	
14.2.97	15:00	68°47,7 S	42°27,8 W	4190	4151	5,8	287	2500-3200	4.0	2.0	133.0	2.0	11	53	KJL	Neustart, neues Tape
	15:15	46,9	30,5	4194	4157	6,4	311	3000-3800	"	"	"	"	54	"	"	
	15:30	46,5	33,0	4194	4157	6,1	308	2700-3500	"	"	"	"	"	"	"	
	15:45	45,9	35,3	4196	4160	6,1	303	2900-3600	"	"	"	"	"	"	"	
	16:00	45,0	40,1	4199	4164	5,9	298	3200	"	"	"	"	"	"	Boris	
	:15	44,2	43,6	4201	4162	5,3	299	2900-3900	"	"	"	"	"	"	"	
	:30	43,4	46,9	4203	4164	5,2	332	2900-3300	"	"	"	"	"	"	"	
	:45	42,3	49,6	4205	4172	6,5	294	2860	"	"	"	"	"	"	"	
	17:00	41,9	53,5	4204	4163	5,9	294	3000	"	"	"	"	"	"	"	
	:15	40,8	56,2	4205	4168	6,4	330	3000-3350	"	"	"	"	"	"	"	
	:30	40,3	59,5	4210	4171	6,2	255	3000-3400	"	"	"	"	"	"	"	
	:45	40,4	43°04,1	4199	4166	6,2	292	2600-3600	"	"	"	"	"	"	"	
	18:00	39,5	08,1	4194	4161	6,3	305	2900-3600	"	"	"	"	"	"	"	
	18:15	68°38,8	43°11,7	4193	4158	5,9	319	2800-3800	"	"	"	"	"	"	"	Pfunds
	18:30	37,6	14,2	4197	4159	5,8	329	3300	"	"	"	"	"	"	"	ab 18:00 Uhr (?) keine Aufzeich-
	18:45	36,4	16,3	4199	4165	5,8	325	2800-3200	"	"	"	"	"	"	"	nung mehr auf Papierrolle, weil
	19:00	35,1	18,4	4202	4165	5,9	324	1500-3500	"	"	"	"	"	"	"	etwas ferschnell.
	19:15	33,9	21,1	4209	4173	5,9	323	2000-3300	"	"	"	"	"	"	"	
	19:30	32,6	22,4	4240	4210	6,2	322	2000-4000	"	"	"	"	"	"	"	
	19:45	31,5	26,0	4269	4234	5,3	307	bis 5200!	"	"	"	"	"	"	"	
	20:00	30,9	30,0	4207	4174	6,4	296	4400	"	"	"	"	"	"	"	
	:16	30,2	33,6	4178	4148	5,7	303	3000-4100	"	"	"	"	"	"	"	
	:30	29,4	36,0	4168	4135	6,7	325	3500-4600	"	"	"	"	"	"	"	
	:45	28,1	38,4	4160	4126	7,2	319	2300-3200	"	"	"	"	"	"	"	
	21:00	26,8	41,2	4158	4120	5,8	321	2300-3500	"	"	"	"	"	"	"	
	:16	25,7	43,9	4162	4125	6,7	320	2500-4100	"	"	"	"	"	"	"	
	:33	24,2	46,3	4172	4131	5,8	343	2200-4200	"	"	"	"	"	"	"	
	:45	23,2	47,1	4192	4150	5,8	345	1800-	"	"	"	"	"	"	"	"Rinne?" 22:44
	22:00	22,1	49,6	4171	4126	5,9	305	2200-3700	"	"	"	"	"	"	"	
	:15	21,7	53,7	4163	4118	6,2	280	1900-5300	"	"	"	"	"	"	"	
	:30	21,7	56,3	4162	4124	5,4	330	1700-4500	"	"	"	"	"	"	"	
	:46	19,8	58,7	4162	4129	5,6	6	1200-5900	"	"	"	"	"	"	"	
	23:00	18,8	44°00,6	4160	4127	4,7	355	2500-3800	"	"	"	"	"	"	"	
	:15	17,5	02,3	4159	4131	5,4	324		"	"	"	"	"	"	"	
	:30	16,4	4,3	4156	4137	5,5	331	2000-	"	"	"	"	"	"	"	
	:45	15,2	5,9	4151	4134	5,4	342	3100-3800	"	"	"	"	"	"	"	
15/02/97	00:00	14,4	8,4	4142	4130	5,6	345	2900	"	"	"	"	"	"	"	Ein dringende > 50m
	:15	13,8	11,6	4133	4123	5,7	294	3500	"	"	"	"	"	"	"	
	:30	13,2	15,1	4127	4121	5,6	294	4000	"	"	"	"	"	"	"	
	:45	12,6	18,6	4110	4095	6,5	296	4000	"	"	"	"	"	"	"	
	01:00	11,9	21,7	4137	-	2,4	304	2900	"	"	"	"	"	"	"	
	:20	10,9	26,0	4274	4242	5,8	306	1700	"	"	"	"	"	"	"	
	:30	10,4	27,7	4290	4255	6,3	306	3100	"	"	"	"	"	"	"	
	:45	09,6	31,2	4095	4066	6,2	301	3025	"	"	"	"	"	"	"	



Datum	Zeit	Breite S	Länge W	Tiefe PS	Tiefe MS	Specht Kv	Wass. v	Max Ampt. mV	Freq. PS	Puls	Record Length	Wint Time	Das Rolle	Tape No	Wache	
15/02/97	02:00	68° 08,7	44° 34,7	4073	4044	5,5	312	2900	40	2.0	133.0	2.0	11	54	Wald	02:11 Das schließt nicht
	02:15	7,7	37,1	4065	4033	6,0	314	3700	"	"	"	"	"	"	"	02:30 geht wieder
	02:32	6,5	40,8	4055	4023	6,6	312	2700	"	"	"	"	"	"	"	ET ~ 50 m
	02:45	5,6	43,3	4046	4015	6,7	313	4000	"	"	"	"	"	"	"	
	03:00	4,6	46,3	4039	4014	6,3	310	2000	"	"	"	"	"	"	"	
	03:15	3,6	49,4	4007	3969	5,9	308	4000	"	"	"	"	"	"	"	
	03:30	2,6	52,2	3974	3930	6,0	316	4000	"	"	"	"	"	"	"	
	03:46	1,5	55,5	3927	3890	5,3	311	3900	"	"	"	"	"	"	"	
	04:00	0,6	58,3	3876	3853	6,5	312	3900	"	"	"	"	"	"	"	
	04:15	67° 59,6	45° 01,3	3844	3815	6,1	314	3800	"	"	"	"	"	"	Hillenbrand	04:13: Abschreibung / Flexur innerhalb d.
	04:30	58,4	04,3	3821	3793	6,5	313	3000	"	"	"	"	"	"	"	unteren Reflektoren
	04:40	57,7	06,3	3804	3774	6,5	312	3000-4000	"	"	"	"	"	"	"	04:59: E33!
	05:00	56,4	10,1	3752	3721	5,8	313	2600	"	"	"	"	"	"	"	
	05:15	55,4	12,8	3756	3727	3,0	307	2700-3300	"	"	"	"	"	"	"	
	05:31	55,0	14,1	3762	3730	1,9	310	3200-3500	"	"	"	"	"	"	"	05:30: Einholen d. Strömungs
	05:48	54,7	14,8	3765	3736	1,0	327	2900-3500	"	"	"	"	"	"	"	06:00 Eisstation
	06:01	54,6	14,9	3765	3735	0,6	30	3220	"	"	"	"	"	"	"	
	06:14	54,6	14,8	3766	3734	0,3	58		"	"	"	"	"	"	"	
	06:30	54,6	14,6	3766	3735	0,1	86		"	"	"	"	"	"	"	
	09:23	54,2	13,7	3768	3736	0,3	267		x	x					Kuhn	Frequenztest
	10:19	54,1	12,5	3766	3733	1,7	189	2400	40	2	133	1,0	11	54	"	Wahlfahrt
	11:50	53,6	17,6	3777	3743	2,6	295	2800-3300	"	"	"	"	"	"	"	
	12:00	53,5	20,8	3794	3750	6,4	265	~2600	"	"	"	"	"	"	"	
	12:15	53,8	26,2	3780	3744	6,9	264	2400	"	"	"	"	"	"	St. Johann	
	12:30	54,0	30,8	3780	3740	8,3	259	3100	"	"	"	"	"	"	"	
	12:49	54,2	35,9	3780(?)	3741	8,2	261	3300	"	"	"	"	"	"	"	
	13:00	54,4	41,2	3780(?)	3737	9,0	260	2500	"	"	"	"	"	"	"	
	13:27	54,8	48,9	3776	3731	7,2	262	2700	"	"	"	"	12	"	"	Neustart!, E57, 13:13 Desonelle 11-12
	13:30	54,8	49,7	3775	3732	7,9	261	3000	"	"	"	"	"	"	"	
	13:45	55,1	54,2	3772	3726	7,2	259	3000	"	"	"	"	"	"	"	
	14:00	55,8	59,0	3765	3711	4,4	235	3100	"	"	"	"	"	"	"	
	14:15	56,0	46° 02,7	3761	3714	6,2	260	~3100	"	"	"	"	"	"	"	Neustart! mit Problemen wieder
	14:43	56,2	11,4	3750	3701	8,3	265	~2900	"	"	"	"	"	"	"	Wechsel Tape 51 - Tape 55 14:47
	15:00	56,4	16,7	3742	3689	8,2	269	3202	"	"	"	"	"	55	"	
	15:45	56,2	22,3	3736	3678	8,9	278	3400	"	"	"	"	"	"	"	
	15:30	56,0	27,4	3731	3671	9,0	277	2700	"	"	"	"	"	"	"	
	15:45	55,6	32,3	3727	3671	7,3	296	3000	"	"	"	"	"	"	"	15:50, Manöver in th, Waut time 20
	16:00	55,4	33,1	3727	3668	7,9	279	3400	"	"	"	20	"	"	"	"
	16:15	55,8	33,5	3724	3664	0,9	355,1	2800	"	"	"	"	"	"	"	"
	16:30	55,7	34,2	3724	3664	7,8	255,2	2970	"	"	"	"	"	"	"	16:45 Ende Manöver
	16:45	55,7	34,2	3724	3664	6,6	255,2	2970	9	"	"	110	"	"	"	



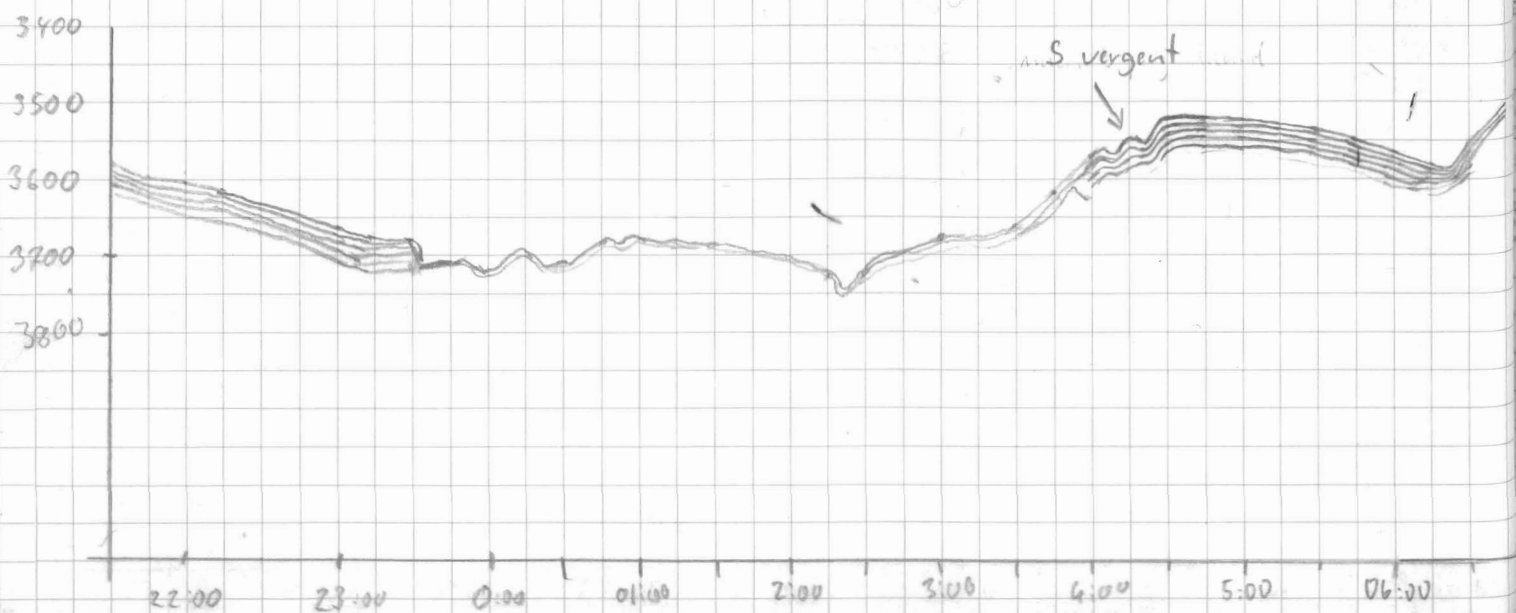
Datum	Zeit UTC	Breite ϕ	Länge λ	Tiefe PS	Tiefe MS	Geschw. km	Kurs $^\circ$	Max Ampl [mV]	Frequ. PS	Pulse	Record length	Wait Time	Deso Roll	Tapo No	Wache	Bemerkung
15.2.97	17:00	67°56,0	46°59,3	3714	3655	9,0	254,0	3007,5	4,0	2,0	133,0	1,0	12	55	Rueberg	
"	17:15	56,3	44,0	3702	3618	8,8	266,7	2686,5	"	"	"	"	"	"	"	"
"	17:30	56,8	50,8	3691	3633	9,0	256,2	2805,0	"	"	"	"	"	"	"	"
"	17:45	57,2	56,2	3682	3614	8,4	270,4	2717,5	"	"	"	"	"	"	"	"
"	18:00	67°57,604	47°01,919	3674	3617	8,4	264	2700	"	"	"	"	"	"	Dickmann	
"	18:15	58,33	06,5	3662,2	3599	8,0	230	3052	"	"	"	"	"	"	Banks	
"	:30	55,2	10,6	3651	3551	8,3	243,6	3317	"	"	"	"	"	"	"	
"	:45	59,5	15,8	3642	3587	6,9	261,5	2741	"	"	"	"	"	"	"	
"	19:00	59,5	20,3	3637	3582	6,9	267,5	2775	"	"	"	"	"	"	"	
"	:15	68°00,0	25,1	3631	3581	6,7	275,8	1905	"	"	"	"	"	"	"	
"	:30	67°59,5	29,6	3627	3574	7,2	267,2	2937	"	"	"	"	"	"	"	
"	:45	68°00,0	30,9	3625	3571	0,1	243,7	3070	"	"	"	60,0	11	55	"	Station
"	20:12	67°59,9'	30,8'	3625	3571	0,2	44		X	X	"	0	"	"	Kuhn	Frequenz +
"	23:24	58,9'	30,7'	3630	3576	3,4	163	1300-2800	4	2	"	0,5	"	"	"	Eindringtiefe 60m
"	23:30	59,1'	30,9'	3628	3574	7,2	267	1700-3300	"	"	"	"	"	"	"	
"	:45	59,1'	33,8'	3627	3572	3,1	330	815-2100	"	"	"	"	"	"	"	
16.2.97	0:00	58,5'	37,3'	3626		5,7	282	870-2800	"	"	"	"	"	"	"	
"	:15	58,5'		3623	3571	6,8	262	3000	"	"	"	"	"	"	Dickmann	
"	:30	58,8	45,3	3618	3566	6,2	292	3000	"	"	"	"	"	"	"	
"	:45	59,4	48,7	3617	3559	4,3	255	2860	"	"	"	"	"	"	"	
"	01:00	68°00,0	52,3	3609	3563	5,6	293	3600	"	"	"	"	"	"	"	
"	:15	9,5	55,3	3605	3557	7,5	256	3000	"	"	"	"	"	"	"	
"	:30	9,7	48°00,7	3602	3553	8,9	289	9000-10000	"	"	"	"	"	"	"	
"	:45	9,8	05,2	3598	3549	9,1	278	3500	"	"	"	"	"	"	"	
"	02:00	0,4	09,7	3597	3548	5,1	285	3170	"	"	"	"	"	"	"	
"	:15	0,1	14,7	3597	3550	7,9	290	2227	"	"	"	"	"	"	"	
"	:30	68°00,0	18,4	3598	3551	6,3	272	3500	"	"	"	"	"	"	"	
"	:45	0,1	22,8	3597	3560	4,0	248	3500	"	"	"	"	"	"	"	
"	03:00	0,2	25,6	3594	3556	7,9	280	3500	"	"	"	"	"	"	"	
"	:15	0,8	30,4	3593	3558	8,1	232	3500	"	"	"	"	"	"	"	
"	:30	1,0	35,8	3598	3560	7,2	270	2900	"	"	"	"	"	"	"	
"	:45	0,7	37,1	3601	3564	2,9	303	2700	"	"	"	"	"	"	"	
"	04:00	0,6	39,3	3608	3570	4,6	290	3500	"	"	"	"	"	"	"	
"	:15	68°00,5'	41,6'	3614	3576	3,4	278	2400-3000	"	"	"	"	"	"	Dickmann	
"	:30	00,1'	45,9'	3634	3596	8,1	262	3000	"	"	"	"	"	"	"	
"	:45	01,1'	49,2'	3638	3601	6,5	256	3000	"	"	"	"	"	"	"	
"	05:00	01,3	53,7	3675	3637	5,0	311	940-2607	"	"	"	"	"	"	"	
"	:15	01,0	57,2'	3665	3628	5,4	263	3000-4000	"	"	"	"	"	"	"	
"	:30	01,0	48°00,2'	3664	3618	4,7	271	3000	"	"	"	"	"	"	"	
"	:45	00,8'	03,5'	3738	3687	6,8	273		"	"	"	"	"	"	"	
"	06:00	00,7'	07,4'	3556	3519	5,9	270	1700-2000	"	"	"	"	"	"	"	
"	:15	00,7'	11,4'	3504	3477	6,3	283	2500-3000	"	"	"	"	"	"	"	Eindringtiefe 15m
"	:34	00,2'	16,4'	3549	3523	6,7	261	2500	"	"	"	"	"	"	"	



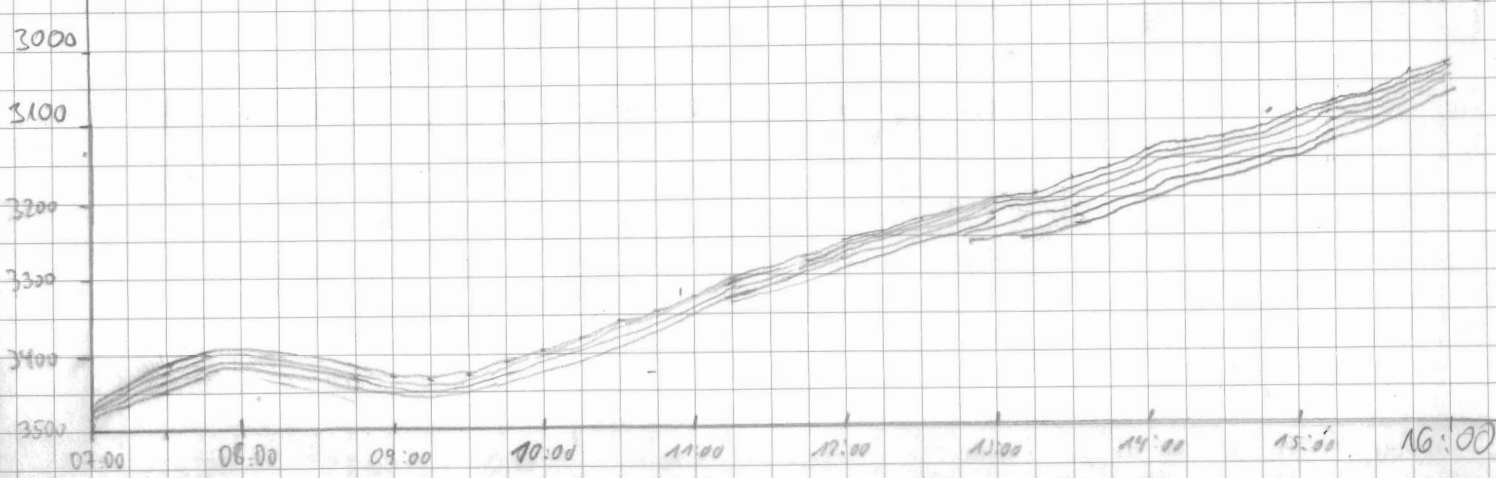
Datum	Zeit UTC	Breite S	Länge W	Tiefe 1/5	Tiefe 1/5	Spez. [km]	Klass [m]	Max. Ampl. [mV]	Freq. 1/5	Palat	Record Length	Wert Time	Dess Rate	Tape No	Wach	Bemerkungen
16.02.97	06:45	68° 00,9'	49° 19,1'	3525	3560	5,6	274	1500-2000	4,0	2,0	153	0,5	12	55	Dühmann	
	07:00	01,1'	22,7'	3602	3576	4,7	276	2500	"	"	"	"	"	"	"	Eindringtiefe 25-30 m
	07:15	01,2'	26,4'	3602	3626	4,0	280	1500-2000	"	"	"	"	"	"	"	
	07:30	00,6'	28,7'	3617	3722	4,7	301	2500	"	"	"	"	"	"	"	
	07:45	00,1'	31,3'	3620	3613	4,7	305	1200	"	"	"	"	"	"	"	
	08:00	67° 59,9'	34,4'	3622	-	5,5	298	1000-2000	"	"	"	"	"	"	"	
	08:15	59,7'	37,9'	3647	3614	3,2	260	2000	"	"	"	"	"	"	"	
	:30	59,8'	40,2'	3601	3576	3,6	270	3500	"	"	"	"	"	"	Ushet	
	:45	68° 0,1'	43,2'	3578	3549	4,8	266	3500	"	"	"	"	"	56	"	08:46 Tape 55 → 56
	9:00	68° 00,3'	47,1'	3528	3501	3,0	277	1000-3500	"	"	"	"	"	"	Kulm	Eindringtiefe 30 m
	9:15	0,4'	49,6'	3500	3475	4,9	267	-	"	"	"	"	"	"	"	
	9:30	00,1'	52,7'	3462	3443	4,8	285	2400	"	"	"	"	"	"	Dühmann	
	9:45	00,1'	55,6'	3447	3420	4,2	258	2500-3000	"	"	"	"	"	"	"	
	10:00	00,2'	58,4'	3433	3406	4,2	260	2500-3000	"	"	"	"	"	"	"	
	10:15	00,3'	50° 01,2'	3431	3405	4,5	260	2500-3000	"	"	"	"	"	"	"	
	10:30	00,6'	01,9'	3430	3406	0,5	354	2400-2900	"	"	"	"	"	"	"	
	13:00	00,1'	02,3'	3435	3404	0,1	344		X	X	"	0	"	"	Kulm	Station PS2804 Frequenztest
	14:40	67° 58,9'	02,8'	3437	3672	3,9	359		"	"	"	"	"	"	"	
	15:00	57,6'	02,6'	3460	3458	4,4	40	2500	4	2	133	0,5	"	"	"	
	15:15	56,9'	01,9'	3463	3437	4,2	360		"	"	"	"	"	"	"	
	15:30	55,9'	01,5'	3471	3444	3,7	358	3000	"	"	"	"	"	"	"	
	:45	54,7'	01,3'	-	3454	6,3	3		"	"	"	"	"	"	"	
	16:00	67° 53,3'	50° 00,7'	3480	3480	5,5	7	2200-2700	"	"	"	"	"	"	Dühmann	
	:15	51,9'	01,0'	3507	3473	5,4	338,4	2737,5	"	"	"	"	"	"	Schmidt	
	:30	50,5'	01,0'	3522	3484	5,2	8,9	3350	"	"	"	"	"	"	"	
	:45	49,2'	01,0'	3530	3503	6,3	10,6	3785,0	"	"	"	"	"	"	"	
	17:00	47,6'	00,5'	3543	3515	5,2	8,4	4882,5	"	"	"	"	"	"	"	
	:15	46,3'	00,6'	3552	3523	4,8	359,7	2767,5	"	"	"	"	"	"	"	
	:30	45,0'	00,1'	3559	3531	2,0	15,4	3742,0	"	"	"	"	"	"	"	
	:45	44,5'	00,4'	3561	3531	2,3	329,6	3282,5	"	"	"	"	"	"	"	
	18:00	43,8'	00,4'	3565	3535	3,5	13,9	2827	"	"	"	"	"	"	Boden	
	:15	42,9'	50° 00,0'	3571	3542	6,2	353,7	4597	"	"	"	"	"	"	"	
	:30	41,5'	50° 00,0'	3578	3546	5,3	358,3	2240	"	"	"	"	"	"	"	
	:45	40,3'	50° 00,0'	3583	3552	4,2	358,8	2132	"	"	"	"	"	"	"	
	19:00	39,0'	50° 00,0'	3567	3537	6,4	3,1	1415	"	"	"	"	"	"	"	
	:15	37,6'	"	3565	3521	5,5	1,9	4197	"	"	"	"	"	"	"	
	:30	36,4'	49° 59,9'	3549	3540	3,1	8,5	2557	"	"	"	"	"	"	"	
	:45	35,3'	50° 00,1'	3543	3509	5,2	2,8	2775	"	"	"	"	"	"	"	
	20:00	34,0'	49° 59,9'	3540	3507	4,6	353	3100	"	"	"	1	"	"	Kulm	
	20:15	32,7'	"	3540	3498	5,3	349	2700	"	"	"	"	"	"	"	
	20:30	31,4'	50° 00,7'	3544	3504	5,1	359	3500	"	"	"	"	"	"	"	
	:45	30,1'	"	3551	3508	5,0	7,1	3000	"	"	"	"	"	"	"	
	21:00	28,9'	"	3560	3518	5,0	5,9	3000	"	"	"	"	"	"	"	
	:16	27,5'	"	3570	3527	5,4	5,2	2755	"	"	"	"	"	"	"	



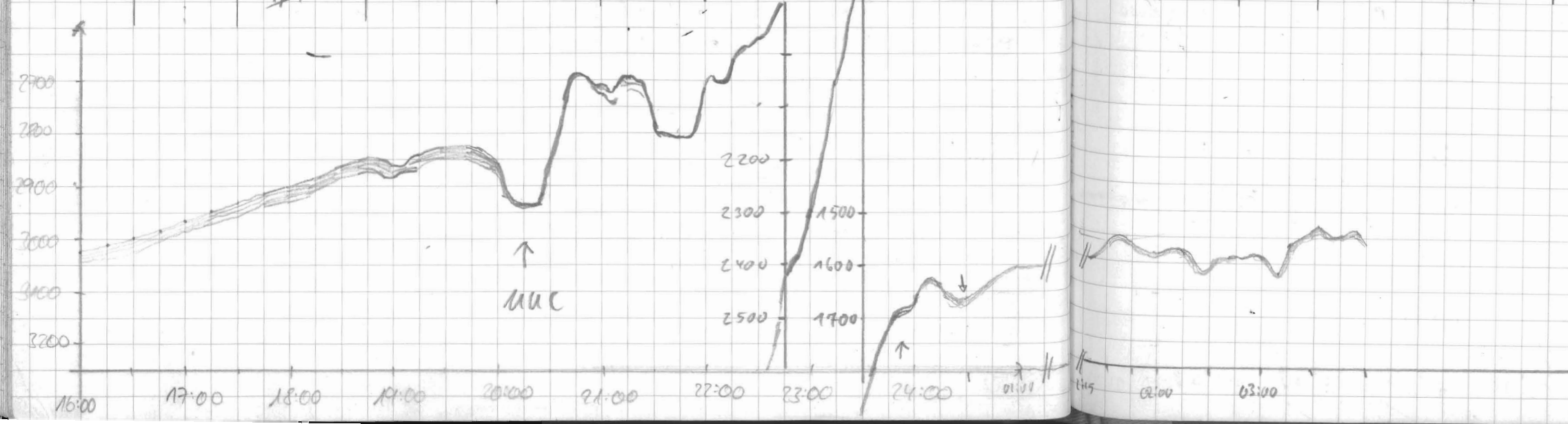
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geräusch km	Kurs °	Max Amplitude	Frequenz PS	Pulse	Record Length	Unit Time	Dirig. Rolle	Tape Nr.	Wache	Bemerkungen
16.2.97	21:30	67°26,3	49°59,7'	3580	3537	4,7	0,5	3400	4	2	133	7	12	56	Kernbau	
	:45	24,9	59,7	3592	3548	5,6	0,6	3300	"	"	"	"	"	"	"	
	22:00	23,6	59,7	3603	3560	5,9	0,5	3200	"	"	"	"	"	"	"	
	:15	22,2	50°00,2'	3618	3575	5,6	347	3200	"	"	"	"	"	"	"	
	:30	20,9	0,5	3634	3593	6,4	0,4	3300	"	"	"	"	"	"	"	
	:45	19,5	0,4	3653	3610	5,3	359	3020	"	"	"	"	"	"	"	
	23:00	18,2	0,4	3667	3627	5,8	1,7	2908	"	"	"	"	"	"	"	
	:15	16,6	0,4	3679	3645	5,7	0,9	3400	"	"	"	"	"	"	"	
	:30	15,2	0,4	3687	3651	5,8	0,6	3700	"	"	"	"	"	"	"	
17/02/97	00:00	12,4	0,3	3716	3685	4,7	358	3700	"	"	"	"	"	"	Wache	
	:15	11,0	0,2	3699	3667	4,9	10	2800	"	"	"	"	"	"	"	
	:30	9,7	50°00,0	3714	3669	5,5	354	3100	"	"	"	"	"	"	"	
	:45	8,3	0,0	3688	3648	5,8	0	3600	"	"	"	"	"	"	"	
	01:00	6,8	0,0	3682	3646	5,6	1	3700	"	"	"	"	"	"	"	
	:15	5,5	0,0	3690	3662	5,5	358	3700	"	"	"	"	"	"	"	
	:30	4,1	0,0	3693	3656	6,3	0	3500	"	"	"	"	"	"	"	
	:45	2,5	0,0	3705	3667	5,9	2,7	3700	"	"	"	"	"	"	"	
	02:00	1,2	0,0	3715	3677	4,6	354	3000	"	"	"	"	"	"	"	
	:15	0,0	66°0,0	3730	3691	5,3	357	3000	"	"	"	"	"	"	"	
	:30	59,2	0,0	3726	3647	4,9	1	700	"	"	"	"	"	"	"	
	:45	56,7	0,0	3696	3650	5,7	357	2000	"	"	"	"	"	"	"	
	03:00	55,2	0,0	3683	3648	5,1	1	2000	"	"	"	"	"	"	"	
	:15	54,2	0,0	3674	3643	4,9	356	2300	"	"	"	"	"	57	"	03:16 Type 56 → 57
	:30	53,2	0,0	3652	3616	6,1	358	5500	"	"	"	"	"	"	"	
	:45	52,1	0,0	3621	3586	6,3	2,6	4000	"	"	"	"	"	"	"	
	04:00	50,7	0,0	3573	3542	6,2	0	3500	"	"	"	"	"	"	"	
	:15	49,0	0,0	3548	3510	6,0	0,9	3700	"	"	"	"	"	"	Hilfsbuch	ET ~ 40m
	:30	47,5	0,0	3525	3497	6,0	1,6	2600	"	"	"	"	"	"	"	ET ~ 50m
	:45	46,1	0,0	3523	3493	4,4	352	3800	"	"	"	"	"	"	"	<u>Kernposition!</u>
	05:00	44,6	0,0	3528	3493	6,2	1,1	3400	"	"	"	"	"	"	"	
	:15	43,1	0,0	3535	3495	5,4	1,0	3400	"	"	"	"	"	"	"	
	:30	41,7	0,0	3541	3505	7,0	1,2	3500	"	"	"	"	"	"	"	
	:45	40,2	0,0	3552	3513	5,6	359,5	3700	"	"	"	"	"	"	"	
	06:00	38,7	0,0	3568	3527	6,0	1,9	3500	"	"	"	"	"	"	"	
	:15	37,2	0,0	3581	3535	6,3	0,8	3000	"	"	"	"	"	"	"	06:18h: Reflektoren konvergieren
	:30	35,7	0,0	3552	3506	6,1	0,3	3000	"	"	"	"	"	"	"	ET ~ 20m
	:45	34,2	0,0	3513	3464	5,8	357	2600	"	"	"	"	"	"	"	06:53h: Reflektoren divergieren
	07:00	32,7	0,0	3465	3429	6,0	359	3500	"	"	"	"	"	"	"	



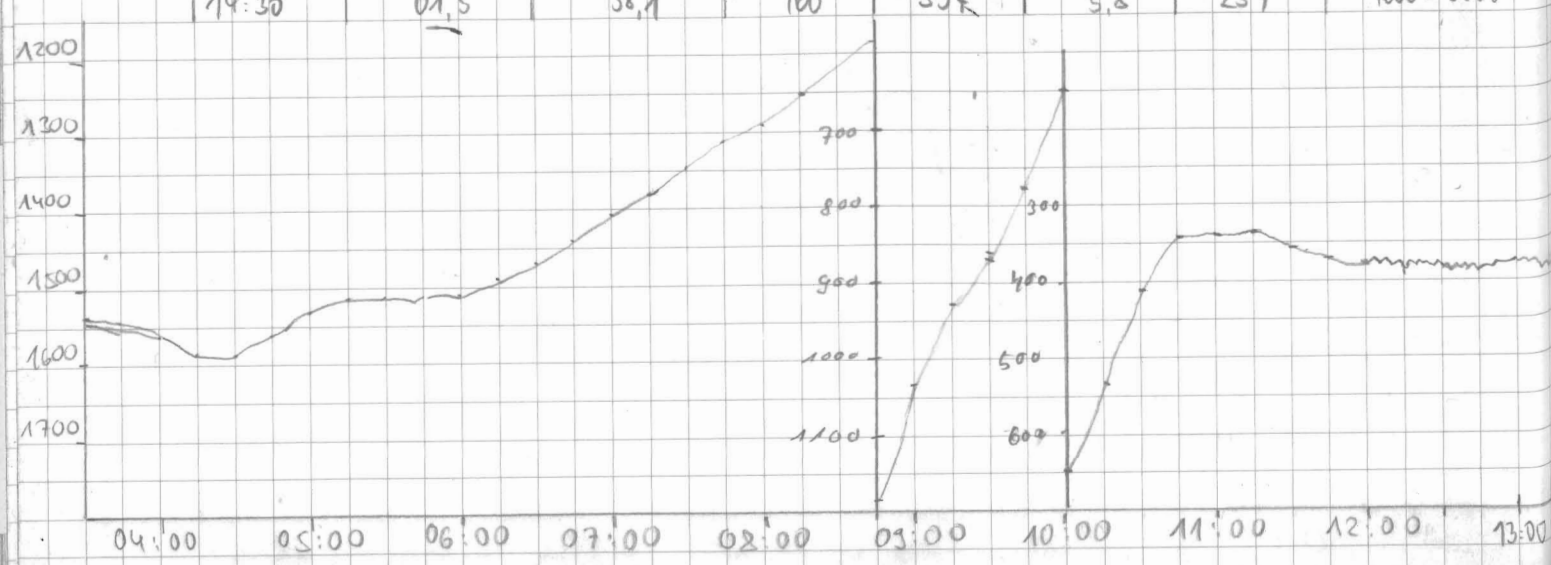
Datum	Zeit (UTC)	Breite (s)	Länge (w)	Tiefe PS	Tiefe HS	Geschw. km	Kurs °	Max. Amplitude	Frequ. PS	Pulse	Rec. Length	Wait Time	Deso-Kolle	Tape Nr.	Wache	Bemerkungen
17/02/97	07:15	66° 31,2	50° 00,0	3434	3394	6,2	359	3000	4	2	133	1	12	57	Hilfenbrand	ET ~ 35 m
	07:30	27,6	00,0	3405	3362	6,2	1,3	2800	"	"	"	"	"	"	"	"
	07:45	28,2	00,0	3395	3353	6,3	360	4000	"	"	"	"	"	"	"	"
	08:00	26,8	00,0	3392	3344	5,7	1,2	3700	"	"	"	"	"	"	"	"
	08:15	25,3	00,0	3405	3359	6,0	0,8	4300	"	"	"	"	"	"	St. Schammack	ET ~ 40m
	08:30	23,9	00,0	3414	3369	5,9	0,9	4100	"	"	"	"	"	"	"	"
	08:45	22,5	00,0	3424	3374	5,9	358,0	3900	"	"	"	"	"	"	"	"
	09:00	21,1	00,0	3431	3385	5,1	1,9	3700	"	"	"	"	"	"	"	"
	09:15	19,6	00,3	3440	3392	5,8	330,5	3600	"	"	"	"	"	"	"	Espalder, Reflektion gestört, Kurswechsel
	09:30	19,4	03,8	3429	3380	6,3	268,3	3800	"	"	"	"	"	"	"	"
	09:45	19,4	07,3	3412	3371	6,1	270,3	4100	"	"	"	"	"	"	"	"
	10:00	19,4	10,9	3392	3353	5,8	284,7	4000	"	"	"	"	"	"	"	"
	10:16	19,2	14,7	3376	3334	6,3	275,2	4000	"	"	"	"	"	"	"	Reflektion 2. T. gestört, Espalder
	10:30	19,0	18,3	3355	3324	5,6	284,0	3500	"	"	"	"	"	"	"	"
	10:45	18,7	21,6	3343	3310	6,6	284,9	4300	"	"	"	"	"	"	"	"
	11:00	18,5	24,7	3327	3294	5,5	277,3	4700	"	"	"	"	"	"	"	Desorolle steht, wieder o.k.
	11:15	18,4	28,3	3309	3277	4,7	279,0	4000	"	"	"	"	"	"	"	ET ~ 40 m
	11:30	18,2	31,8	3291	3255	5,7	276,9	4300	"	"	"	"	"	"	"	"
	11:45	18,1	35,1	3273	3237	5,4	273,5	3700	"	"	"	"	"	"	"	"
	12:00	18,0	37,1	3262	3224	2,8	272,6	4000	"	"	"	"	"	"	"	"
	12:15	17,7	40,0	3249	3215	2,9	290	3800	"	"	"	"	"	"	Diekmann	"
	12:30	17,1	43,1	3230	3195	6,1	291	3700	"	"	"	"	"	"	"	"
	12:45	16,9	45,2	3218	3180	4,6	280	4000	"	"	"	"	"	"	"	"
	13:00	16,7	48,2	3205	3165	2,3	272	3500-3800	"	"	"	"	"	"	"	"
	13:15	16,5	51,2	3190	3150	4,9	285	4200	"	"	"	"	"	"	"	"
	13:30	15,9	54,6	3174	3134	6,6	291	4000	"	"	"	"	"	"	"	Eindringtiefe 60m
	13:45	15,3	58,2	3156	3122	5,6	293	4500	"	"	"	"	"	"	"	"
	14:00	14,8	51° 01,9	3143	3108	3,1	295	24500	"	"	"	"	"	"	"	"
	14:15	14,5	02,2	3135	3100	3,3	296	4000-4500	"	"	"	"	"	"	"	"
	14:30	14,1	04,8	3126	3090	5,2	291	4000-4500	"	"	"	"	"	"	"	"
	14:45	13,5	08,6	3102	3079	6,5	294	4000-4500	"	"	"	"	"	"	"	"
	15:00	12,9	11,6	3092	3066	6,6	295	4000-4500	"	"	"	"	"	"	"	"
	15:15	12,3	14,9	3076	3043	6,2	293	4000-4500	"	"	"	"	"	"	"	"
	15:30	11,7	18,3	3060	3030	6,2	288	3000-4500	"	"	"	"	"	"	"	"
	15:45	11,4	22,1	3041	3012	7,2	289	3800-4300	"	"	"	"	"	"	"	"
	16:00	10,9	25,3	3022	2993	5,5	296	3800-4200	"	"	"	"	"	"	"	"
	16:15	10,4	28,1	3016	2981	4,8	279	4000-4200	"	"	"	"	"	"	Pfender	ET ~ 50m
	16:30	10,2	31,5	2999	2966	3,2	295	4000-4300	"	"	"	"	"	"	"	"
	16:45	09,9	35,1	2982	2950	5,7	278	4000-4200	"	"	"	"	"	"	"	"
	17:00	09,7	38,7	2965	2931	5,4	284	4000-4700	"	"	"	"	"	"	"	"
	17:15	09,4	42,2	2948	2930	6,1	285	4200-5100	"	"	"	"	"	"	"	"
	17:30	09,0	45,8	2930	2898	6,2	285	"	"	"	"	"	"	"	"	"
	17:45	08,5	49,6	2913	2873	4,7	298	bis 5800!! (sonst 4000 bis 4300)	"	"	"	"	"	"	"	"



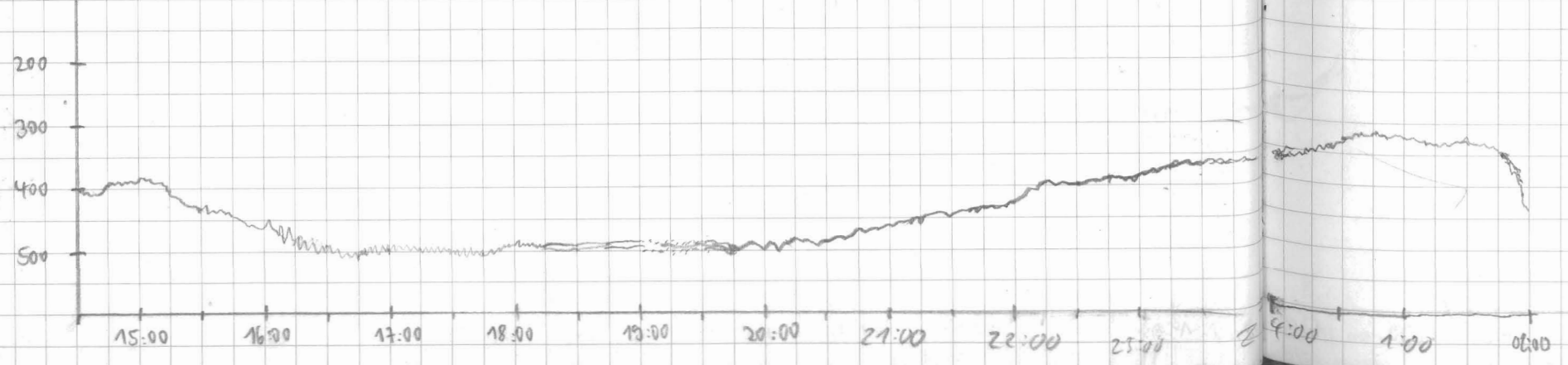
Datum	Zeit (UTC)	Brate (S)	Länge (W)	Tiefe HS	tiefe MS	geod. KN	KWS	Max Amplitude	Frequ. PS	Pulse	Record length	Zeit	Deso-rolle	Tape Nr.	Wache	Bemerkungen
17.2.97	18:00	66°08'04G	51°52'81	2898	2859	5.7	291.9	3624	4	2	133	1	12	57	Philzmann	ab 17:30 nicht Papierrolle...
	18:15	66°07'68	51°56'201	2877	2843	6.1	286.2	5400	"	"	"	"	"	"	"	"
	18:30	07'155	59'460	2864	2832	5.0	292.4	5070	"	"	"	"	"	"	"	"
	18:45	06'556	52°07'921	2847	2813	5.7	285	5500	"	"	"	"	"	"	"	18:45 Komposition
	19:00	06'101	06'274	2855	2817	5.5	290	5150	"	"	"	"	"	"	"	> Channel?
	19:15	05'903	09'814	2842	2806	6.1	278	6177 V	"	"	"	"	"	"	"	19:20 Komposition
	19:30	05'495	13'243	2834	2792	6.4	276.7	6500!	"	"	"	"	"	"	"	"
	19:45	05'425	16'728	2833	2797	7.6	281.7	5100	"	"	"	"	"	"	"	"
	20:00	05'1	20'4	2861	2824	5.5	282	3000	"	"	"	"	"	"	"	Ku huc
	20:24	4'3	25'5	2929	2892	7.0	298		"	"	"	"	"	"	"	"
	20:38	3'7	28'6	2926	2690	6.7	280		"	"	"	"	"	"	"	"
	21:00	3'6	34'0	2706	2667	5.7	264		"	"	"	0	"	"	"	"
	21:15	3'4	37'6	2697	2658	6.4	299	2330	"	"	"	"	"	"	"	"
	21:32	2'4	41'7	2775		6.0	300		"	"	"	"	"	"	"	"
	21:45	1'8	43'3	2804	2763	5.6	306	2600	"	"	"	"	"	"	"	"
	22:02	1'1	46'3	2718	2682	5.7	313	1800	"	"	"	"	"	"	"	"
	22:15	0'6	48'1	2668	2652	5.6	285	1000	"	"	"	"	"	"	"	"
	22:34	0'2	51'4	2648	2605	3.8	299	6000	"	"	"	"	"	58	"	Fahren Channel hinauf
	22:52	65°59'1	55'3	2389	2355	6.6	292		"	"	"	"	"	"	"	Tape!
	23:00	58'9	56'9	2298	2285	6.2	299	1200	"	"	"	"	"	"	"	"
	23:15	58'5	59'9	2054	2036	2.9	259		"	"	"	"	"	"	"	"
	23:30	58'1	53°01'8	1825	1812	4.4	303	600	"	"	"	"	"	"	"	"
	23:51	57'5	05'2	1690	1656	5.4	294	2730	"	"	"	"	"	"	"	"
18/02/97	00:00	57'2	6'6	1677	1579	3.6	307	3000	"	"	"	"	"	"	"	23:58 Komposition!
	00:15	56'6	9'7	1637	1620	5.8	291	3300	"	"	"	"	"	"	"	Unklar
	00:30	56'4	13'7	1664	1648	6.0	255	4300	"	"	"	"	"	"	"	"
	00:45	56'7	16'4	1638	1620	4.7	260	3000	"	"	"	"	"	"	"	Euk. bessere Kompos?
	01:00	56'9	19'4	1607	1633	4.8	264	400	"	"	"	"	"	"	"	ET ~ 20m
	01:15	57'0	21'8	1604	1585	3.1	267	1550	"	"	"	"	"	"	"	"
	01:30	57'4	24'1	1562	1550	3.0	255	1550	"	"	"	"	"	"	"	"
	01:45	57'8	26'4	1565	1549	4.9	255	1800	"	"	"	"	"	"	"	"
	02:00	58'1	28'0	1580	1561	3.4	238	3800	"	"	"	"	"	"	"	"
	02:15	58'4	29'9	1577	1559	4.0	254	2800	"	"	"	"	"	"	"	"
	02:30	58'7	33'2	1549	1581	2.6	265	4700	"	"	"	"	"	"	"	Dies aufgehängt (ohne E33)
	02:45	58'9	36'1	1589	1573	3.4	267	2500-3000	"	"	"	"	"	"	"	"
	03:00	59'0	37'8	1601	1580	3.2	273	2100	"	"	"	"	"	"	"	Dies läuft wieder
	03:15	58'9	40'5	1576	1556	4.6	257	1700	"	"	"	"	"	"	"	E33
	03:30	59'0	43'4	1537	1517	3.1	273	4500	"	"	"	"	"	"	"	wiedermal
	03:45	58'8	45'4	1547	1528	2.1	256	1500	"	"	"	"	"	"	"	"
	04:00	59'1	46'8	1557	1541	9.9	297	1800	"	"	"	"	"	"	"	Eindringtiefe ~ 10m



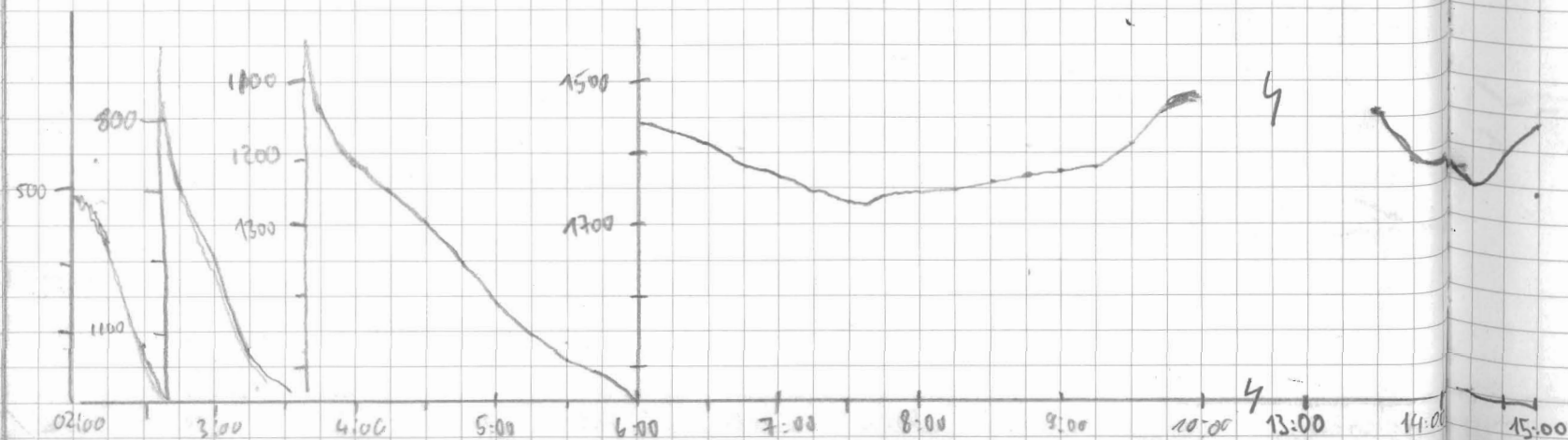
Datum	Zeit (UTC)	Dreh (°S)	Länge (W)	Tiefe PS	Tiefe HS	Geschw. (km)	Kurs (°)	Max Amplitude (mV)	Tiefe PS	Pulse	Rec. Length	Wait Time	DESO-Rolle	Tape Nr.	Wache	Bemerkungen
18.02.97	04:15	65° 58.9'	53° 48.8'	1578	1557	5.7	296°	3200	4	2	133	0	12	58	Jäckmann	Eindringtiefe < 10m (2m)
	04:30	58.3'	50.9'	1579	1560	1.3	312	> 5000	"	"	"	"	"	"	"	"
	04:45	57.7'	51.7'	1571	-	3.4	302	~2500	"	"	"	"	"	"	"	"
	05:00	57.9'	54.7'	1556	1534	5.0	249	4000-7000	"	"	"	"	"	"	"	"
	05:15	58.3'	57.7'	1530	1511	3.3	307	2000-4000	"	"	"	"	"	"	"	"
	05:30	57.6'	58.9'	1516	1486	1.1	326	3000-4000	"	"	"	"	"	"	"	"
	05:45	57.4'	58.4'	1515	1487	1.0	54	2500-4000	"	"	"	"	"	"	"	"
	06:00	56.6'	57.3'	1515	1560	5.0	352	1500	"	"	"	"	"	"	"	"
	06:15	55.8'	59.4'	1480	1470	5.5	274	2000-3500	"	"	"	"	"	"	"	"
	06:30	55.6'	54° 01.5'	1467	1448	3.5	270	2000-3000	"	"	"	"	"	"	"	"
	06:45	55.7'	04.5'	1440	1422	5.8	265	2400-3200	"	"	"	"	"	"	"	"
	07:00	55.5'	08.0'	1407	1387	5.6	279	2200-3400	"	"	"	"	"	"	"	"
	07:15	55.3'	10.8'	1384	1369	5.9	280	3400	"	"	"	"	"	"	"	"
	07:30	55.2'	14.2'	1344	1327	5.7	267	3600-4400	"	"	"	"	"	"	"	"
	07:45	55.3'	17.7'	1309	1291	6.2	271	2500-3500	"	"	"	"	"	"	"	"
	08:00	55.4'	20.7'	1294	1277	6.5	255	2600-	"	"	"	"	"	"	St. Schumacher	"
	08:15	55.4'	24.1'	1254	1241	5.5	278	1700	"	"	"	"	"	"	"	"
	08:30	55.7'	27.7'	1185	1171	6.5	276	1300	"	"	"	"	"	"	"	"
	08:45	55.8'	30.4'	1134	1116	5.0	226	300-1000	"	"	"	"	"	"	"	"
	09:01	55.9'	33.9'	1005	995	5.8	264	4000-10000	"	"	"	"	"	"	"	09:09 Wechsel Deso Rolle 12 → 13
	09:15	55.4'	36.7'	935	925	5.7	309	2300	"	"	"	"	13	"	"	"
	09:30	54.3'	38.5'	874	869	5.0	327	3500-4300	"	"	"	"	"	"	"	"
	09:45	53.2'	40.7'	799	787	6.0	318	3500	"	"	"	"	"	"	"	"
	10:00	52.4'	43.6'	652	645	5.4	293	1700	"	"	"	"	"	"	"	"
	10:15	52.2'	46.4'	535	528	7.0	262	9000	"	"	"	"	"	"	"	"
	10:30	52.1'	50.0'	410	406	4.7	285	7000-10000	"	"	"	"	"	"	"	"
	10:45	52.1'	53.5'	347	354	5.3	274	5000-10000	"	"	"	"	"	"	Hillenbrand	"
	11:00	52.8'	56.5'	345	351	6.6	226	1000-3000	"	"	"	"	"	"	St. Schumacher	"
	11:15	53.6'	59.3'	347	353	5.2	229	7000	"	"	"	"	"	"	"	"
	11:30	54.6'	55° 01.4'	364	370	6.3	226	8000-10000	"	"	"	"	"	"	"	"
	11:45	55.6'	03.7'	373	376	5.1	227	5000-9000	"	"	"	"	"	"	"	"
	12:00	56.4'	06.3'	377	383	5.7	240	1000-3000	"	"	"	"	"	"	"	"
	12:15	57.0'	09.4'	381	389	5.0	246	2000-10000	"	"	"	"	"	"	Hillenbrand	"
	12:30	57.4'	12.7'	375	381	4.2	253	300-9000	"	"	"	"	"	"	"	"
	12:45	57.7'	16.0'	378	383	6.1	244	5000-10000	"	"	"	"	"	"	"	"
	13:00	58.3'	19.3'	371	374	5.5	259	2000-9000	"	"	"	"	"	"	"	"
	13:15	58.9'	22.2'	370	374	6.2	237	2000-8000	"	"	"	"	"	"	"	"
	13:30	59.3'	24.9'	376	380	6.2	252	8000-10000	"	"	"	"	"	"	"	"
	13:45	59.6'	28.3'	384	385	6.1	267	5000-10000	"	"	"	"	"	"	"	"
	14:00	66° 00.0'	31.6'	350	383	5.7	240	5000-10000	"	"	"	"	"	"	"	"
	14:15	00.8'	34.9'	385	385	6.1	229	900-3100	"	"	"	"	"	"	"	"
	14:30	01.5'	38.1'	400	357	5.8	254	4000-9000	"	"	"	"	"	"	"	"



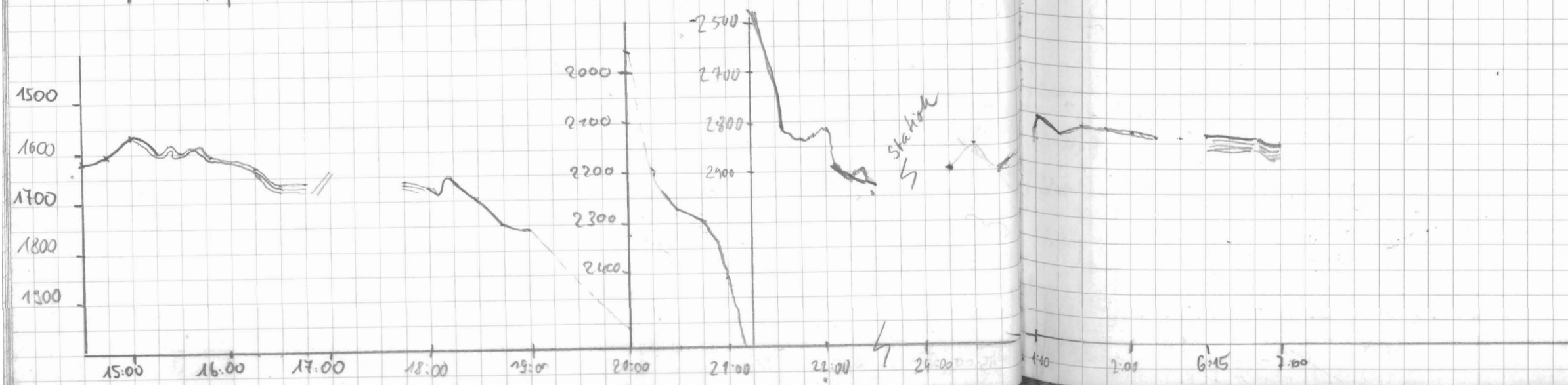
Datum	Zeit (UTC)	Breite (S)	Länge (W)	Tiefe (PS)	Tiefe (HS)	Geschw. (km)	Kurs (°)	Max. Amplitude (mV)	Frequ. PS	Pulse	Rec. Length	Wait Time	Deso-Rolle	Tape Nr.	Wache	Bemerkungen
18.02.97	14:45	66° 01,6'	55° 41,6'	398	388	6,1	254	2000 - 6500	4	2	133	0	13	58	Hillenbrand	
	15:00	02,2'	45,1'	387	386	6,4	248	1000 - 1600	"	"	"	"	"	"	"	15:15 h: weder HS noch PS-Signale wg. Eis
	15:15	02,9'	48,4'	(405)	395	6,5	255	1000 - 1500	"	"	"	"	"	"	"	
	15:30	03,0'	52,1'	431	439	6,9	264	1000 - 2900	"	"	"	"	"	"	"	
	15:45	03,1'	56,1'	441	449	6,0	277		"	"	"	"	"	"	"	
	16:00	03,2	59,7	477	461	6,8	260	1829-3280	"	"	"	"	"	"	Soba	
	15	03,4	56° 03,3	0	451	4,5	258	720-509	"	"	"	"	"	"	"	
	30	03,6	07,1	497	477	5,7	268	1060	"	"	"	"	"	"	"	
	45	03,6	10,9	506	487	6,4	269	2115	"	"	"	"	"	"	"	
	17:00	03,8	14,6	496	478	6,0	262	1262,5	"	"	"	"	"	"	"	
	15	04,1	18,1	496	478	5,9	252	4988	"	"	"	"	"	"	"	
	30	04,4	21,8	500	482	6,0	264	2200	"	"	"	"	"	"	"	
	45	04,4	25,2	508	482	5,6	264	2885	"	"	"	"	"	"	"	
	18:00	04,7	28,4	488	469	5,0	249	3190	4	"	"	"	"	"	Ruelberg	
	15	05,2	31,2	487	467	4,5	252	2920	4	"	"	"	"	"	"	
	17:30	05,3	32,7	487	466	2,0	251	1223	4	"	"	"	"	"	"	
	17:45	05,5	33,8	481	464	2,1	253	1704	"	"	"	"	"	"	"	
	18:00	05,3	32,0	485	467	4,0	53	1770	4	"	"	"	"	"	"	Station 2805 GKG
	18:15															
	18:30															
	18:45															
	19:00															
	19:15															
	19:30															
	19:45	04,9	29,9	500	485	5,4	9	1281	4	"	"	"	"	"	"	Station Ende 19:35
	20:00	05,2	30,1	486	468	6,3	6	1776	"	"	"	"	"	"	"	
	20:15	1,5	30,2	496	478	7,1	356	3300	"	"	"	"	"	"	Kuon	
	30	65° 59,8'	29,0	484	467	7,6	91	2000	"	"	"	"	"	"	"	
	45	66° 00,7	24,7	474	467	5,0	121	2500	"	"	"	"	"	"	"	
	21:00	0,2	20,7	473	457	7,3	100	1900	"	"	"	"	"	"	"	
	15	65° 59,9'	15,9	463	446	8,2	85	2500	"	"	"	"	"	"	"	
	30	"	10,9	452	438	8,2	92	2600	"	"	"	"	"	"	"	
	45	66° 00,0'	6,3	420	444	6,2	97	2000	"	"	"	"	"	"	"	
	22:00	0,1	7,9	426	422	8,8	92	4900	"	"	"	"	"	"	"	
	15	65° 59,4'	55° 57,4'	397	396	7,9	66	1500	"	"	"	"	"	"	"	höherer Amplituden
	30	58,7'	53,7'	394	393	8,2	68	6500	"	"	"	"	"	"	"	
	45	57,9'	48,9'	389	386	8,5	68	3100	"	"	"	"	"	"	"	
	23:00	57,0'	44,1'	386	385	8,3	64	4100	"	"	"	"	"	"	"	
	15	56,4'	39,4'	373	373	8,5	70	10200	"	"	"	"	"	"	"	
	30	55,6'	34,3'	362	366	8,9	69	2500	"	"	"	"	"	"	"	
	45	54,8'	29,6'	363	362	6,0	66	4100	"	"	"	"	"	"	"	
19/02/97	00:00	54,4'	25,1'	353	360	7,1	77	7300	"	"	"	"	"	"	Ukiel	
	15	53,6'	21,4'	345	346	7,7	70	6500	"	"	"	"	"	"	"	
	30	53,1'	16,6'	331	331	8,5	65,4	1600	"	"	"	"	"	"	"	
	45	52,1'	11,8'	311	313	8,5	63,4	6200	"	"	"	"	"	"	"	
	01:00	51,4'	7,1'	311	315	8,5	75,2	10000	"	"	"	"	"	"	"	
	15	50,0'	2,6'	333	333	7,6	87,5	7500	"	"	"	"	"	"	"	
	30	51,0'	54° 57,6'	323	325	8,3	90,2	3200	"	"	"	"	"	59	"	01:28 Tape 58 -> 59
	45	51,0'	52,5'	348	351	7,5	84	2500	"	"	"	"	"	"	"	



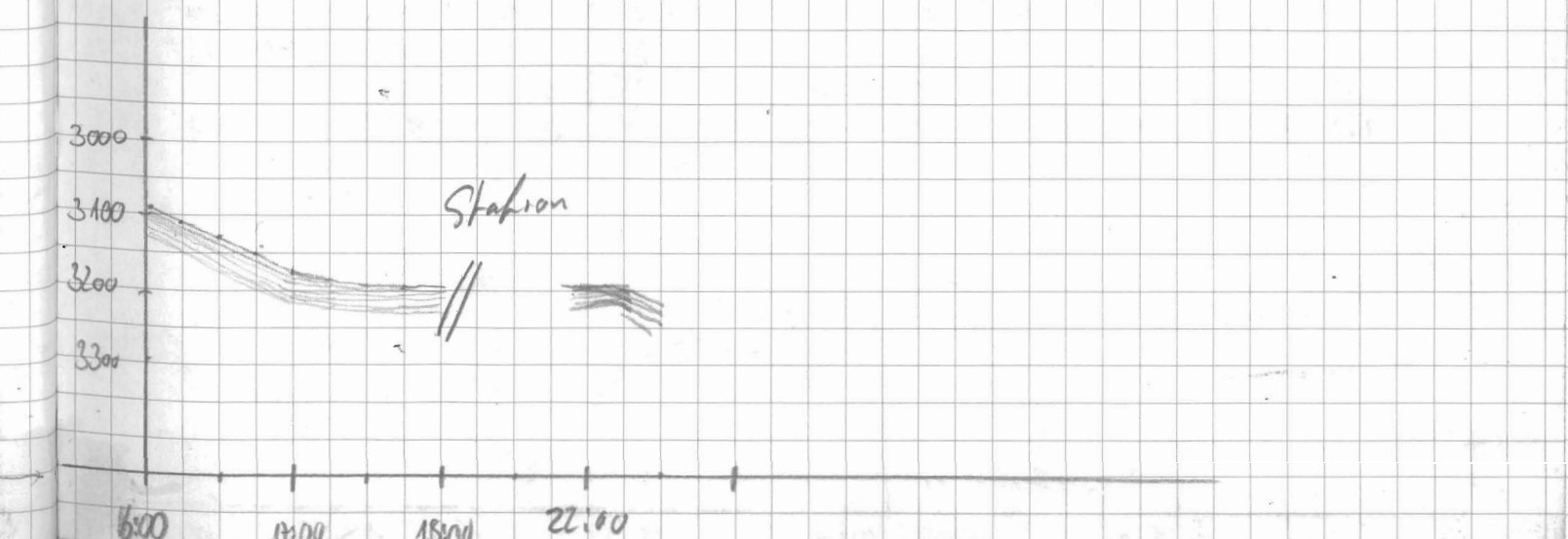
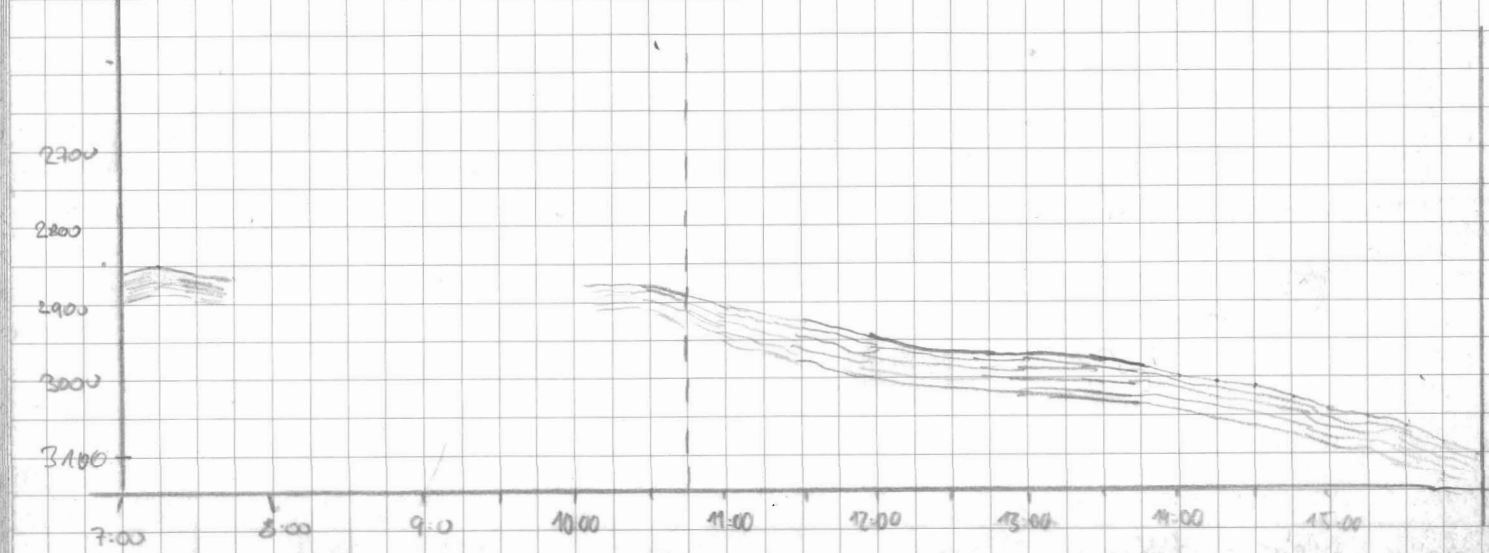
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe 175	Spdwin [km]	Kurs [°]	Max Amplit. [mV]	Freq. PS	Pulse	Polar Length	Wart. Time	Dist. Rate	Temp 20	Wade	Bemerkungen
19/02/97	02:00	65°50,9	54°49,2	508	423	7,1	92	600	4	2	133	0	13	59	Unklar	
	02:15	51,2	44,7	564	546	7,1	77	10000	"	"	"	"	"	"	"	
	02:30	51,0	41,1	729	734	5,3	92	2400	"	"	"	"	"	"	"	
	02:45	50,9	38,0	892	862	8,1	74	10200	"	"	"	"	"	"	"	
	03:00	51,1	32,9	977	943	7,6	109	10200	"	"	"	"	"	"	"	
	03:15	51,0	28,7	1035	1011	7,3	95	3000	"	"	"	"	"	"	"	
	03:30	51,0	24,4	1107	1079	7,1	71	1700	"	"	"	"	"	"	"	
	03:45	51,0	21,0	1160	1132	6,0	105	3800	"	"	"	"	"	"	"	
	04:00	51,1	17,9	1213	1181	5,8	96	1800	"	"	"	"	"	"	"	
	04:15	51,1	14,5	1256	1224	5,2	87,1	2000	"	"	"	"	"	"	Hilfsbrand	Probleme beim Umschalten auf Mode 4
	04:30	51,0	11,3	1300	1268	5,3	86	2100	"	"	"	"	"	"	"	(Fehlermeldung "Wrong Order")
	04:45	51,0	07,6	1353	1320	6,6	81	2200	"	"	"	"	"	"	"	
	05:00	50,9	03,5	1410	1376	6,9	101	2200	"	"	"	"	"	"	"	
	05:15	51,0	00,7	1452	1419	7,6	79	700	"	"	"	"	"	"	"	
	05:30	51,0	53°58,0	1482	1458	3,9	122	700	"	"	"	"	"	"	"	05:22 - 05:45: kein vernünftiges Signal mehr
	05:45	51,1	56,1	1508	1486	4,7	72	700	"	"	"	"	"	"	"	wg. Eis, Deso-Schrieb unbrauchbar
	06:00	51,0	53,6	1556	1519	0,9	28	3500	"	"	"	"	"	"	"	→ 5:45: Neustart
	06:15	50,4	52,9	1566	1533	5,7	111	3500	"	"	"	"	"	"	"	
	06:30	50,7	51,5	1581	1547	5,0	128	3100	"	"	"	"	"	"	"	
	06:45	50,9	48,2	1621	1586	0,6	101	3300	"	"	"	"	"	"	"	
	07:00	50,6	47,2	1635	1557	3,2	92	2000	"	"	"	"	"	"	"	
	07:15	50,6	53,4	1658	1622	3,0	122	2200	"	"	"	"	"	"	"	
	07:30	50,9	43,6	1663	1634	4,3	152	3000	"	"	"	"	"	"	"	
	07:45	51,6	43,6	1663	1626	7,6	212	2000	"	"	"	"	"	"	"	
	08:00	52,3	43,4	1655	1619	2,7	155	1500	"	"	"	"	"	"	"	
	08:15	53,0	43,3	1652	1617	2,6	163,0	9000	"	"	"	"	"	"	"	
	08:30	54,0	43,4	1645	1607	4,3	179	2000-5000	"	"	"	"	"	"	"	St. Schmelze
	08:45	55,3	43,1	1637	1602	4,2	166	1600-2500	"	"	"	"	"	"	"	
	09:00	56,3	42,6	1630	1594	5,15	179	2500-3000	"	"	"	"	"	"	"	
	09:15	57,5	42,9	1621	1585	5,7	171	1000-2200	"	"	"	"	"	"	"	
	09:30	58,3	43,2	1580	1540	4,1	213	1500-3700	"	"	"	"	"	"	"	
	09:45	59,2	43,9	1528	1496	3,7	50	2600-3600	"	"	"	"	"	"	"	
	09:51	59,6	43,7	1432	1400	231	0	2600	"	"	"	10	"	"	"	Station: PS2806 MMC, SL 10m
	12:29	59,0	43,3	1532	1502	0,2	214	2500	X	X	"	0	"	"	"	Frequenz SL ca. 12:34
	13:02	58,9	43,6	1537	1505	2,2	0	3000	"	"	"	"	"	"	"	
	13:14	58,7	42,6	1555	1479	3,7	77,5	1600	"	"	"	"	"	"	"	
	13:30	58,5	39,7	1585	1553	4,5	70,2	5702	"	"	"	"	"	"	"	J. Regelbogen
	13:45	58,3	37,3	1621	1587	3,9	75,8	1541	"	"	"	"	"	"	"	
	14:00	58,0	34,8	1628	1594	4,0	75,3	4700	"	"	"	"	"	"	"	
	14:15	57,8	32,4	1649	1615	2,8	74,3	5245	"	"	"	"	"	"	"	
	14:30	57,6	30,1	1615	1578	3,4	109,9	1124	"	"	"	"	"	"	"	
	14:45	57,5	27,9	1604	1572	5,1	82,3	1317	"	"	"	"	"	"	"	



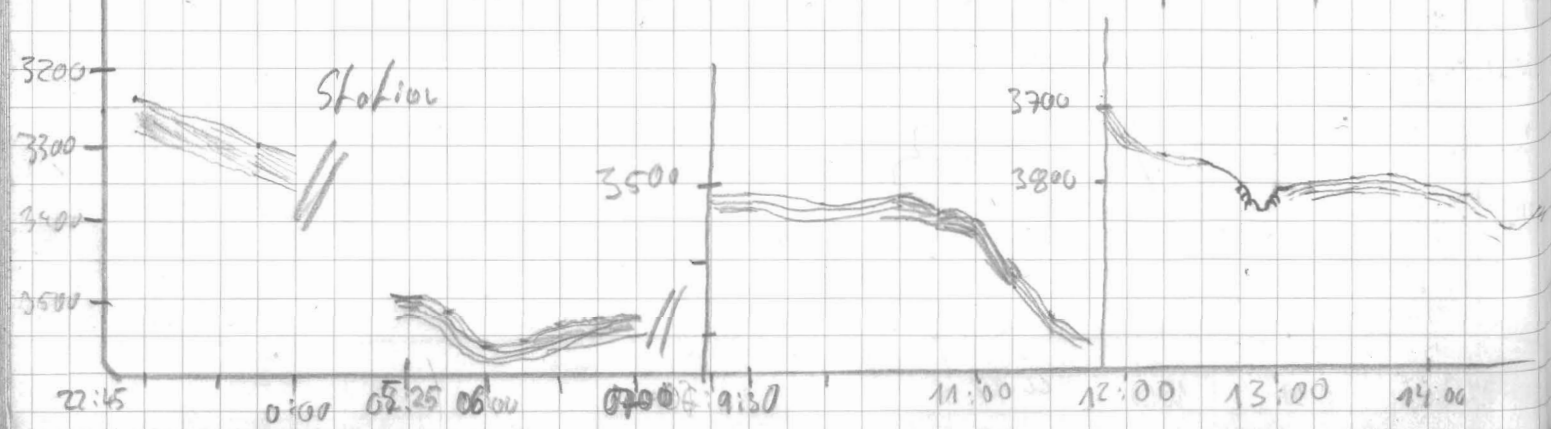
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. [km]	Kurs [°]	Max. Ampl. [mV]	Frequ. PS	Pulse	Record Length	Wait Time	Deso Rolle	Tape No	Wache	Bemerkungen
19/12/97	15:00	65° 57,3	53° 25,6	1573	1535	2,9	47,2	3607	4	2	133	0	13	59	J. Ruygen	
	15:15	57,0	22,9	1594	1562	4,6	76,6	285	"	"	"	"	"	"	"	
	15:30	57,1	21,0	1597	1581	2,9	81,0	1500-2600	"	"	"	"	"	"	Dahlmann	Eindringtiefe 15-20m
	15:50	57,0	18,8	1603	1571	2,2	94,0	3200	"	"	"	"	"	"	"	
	16:15	56,6	16,3	1638	1604	2,3	79,1	2400-3800	"	"	"	"	"	"	"	
	16:30	54,4	14,2	1662	1625	4,4	90,4	1700-3500	"	"	"	"	"	"	"	ET 20m
	16:45	56,3	12,8	1666	1630	0,7	298	3300	"	"	"	"	"	"	Kulm	an Station 2807
	16:54	56,3	12,8	1666	1631	0,7	284	2400	X	X	"	"	"	"	"	Frequenztest
	17:47	56,3	11,6	1667	1633	3,8	82	3200	4	2	"	"	"	"	"	
	18:00	56,2	09,6	1677	1642	4,1	65	1000	"	"	"	"	"	"	St. Schmede	
	18:15	56,0	07,5	1660	1637	3,0	74	1000-2000	"	"	"	"	"	"	"	
	18:30	56,0	04,8	1697	1678	4,4	105	1658	"	"	"	"	"	"	J. Ruygen	
	18:45	56,0	01,9	1749	1711	5,3	78	1434	"	"	"	"	"	"	"	
	19:00	56,0	00,0	1808	1767	0,7	88	1200	"	"	"	"	"	"	St. Schmede	
	19:15	55,9	52° 58,2	1862	1830	4,0	93	1800	"	"	"	"	"	"	"	E64 + E62 Neustart
	19:52	55,7	51,6	1965	1925	7,8	92	700	"	"	"	"	"	"	"	
	20:00	55,7	49,2	1968	1924	8,0	79	1100	"	"	"	"	"	"	"	
	20:15	55,7	44,8	2246	2194	6,3	83	1400	"	"	"	"	"	"	"	
	20:30	55,7	41,8	2277	2233	5,5	105	1000	"	"	"	"	"	"	"	
	20:45	56,4	39,0	2251	2242	4,8	173	2000	"	"	"	"	"	"	"	20:52 E64 + E62 Neustart
	21:03	58,5	38,7	2445	2359	6,8	136	1000	"	"	"	"	"	"	"	ab 21 Neustart
	21:38	66° 00,3	32,4	2813	2751	4,1	119		"	"	"	"	"	"	"	
	21:45	0,6	31,3	2828	2743	7,3	131	1300	"	"	"	"	"	"	"	
	22:00	0,2	28,4	2812	2769	6,0	130	700	"	"	"	"	"	"	"	
	22:15	0,3,0	26,1	2902	2848	7,9	162	3600	"	"	"	"	"	"	"	
	22:30	04,7	25,5	2933	2877	3,3	175	3000	"	"	"	"	"	"	"	Station 2808
20/12/97	0:15	05,1	25,0	2898	2846	3,3	163	920	"	"	"	"	"	"	Boes	0:10 Ende der Station
	0:30	05,8	26,7	2848	2795	3,2	235	588	"	"	"	"	"	"	"	
	0:45	06,7	26,7	2908	2856	5,8	144	516	"	"	"	"	"	"	"	
	1:00	07,7	25,9	2807	2756	4,3	154	2210	"	"	"	"	"	"	"	
	1:15	08,5	23,6	2842	2788	2,9	44,4	769	"	"	"	"	"	"	"	
	1:30	07,8	21,5	2811	2758	3,4	57,8	3515	"	"	"	"	"	"	"	
	1:45	07,2	19,5	2818	2768	4,3	49,2	4677	"	"	"	"	"	"	"	
	2:00	06,5	17,1	2829	2773	3,9	64,4	6520	"	"	"	"	"	"	"	
	2:15	05,6	14,6	2834	2905	3,8	68,7	1013	"	"	"	"	"	"	"	
	4:27	05,7	14,6	2835	2780	0,2	142	2700	X	X	"	"	"	"	Kulm	Frequenztest
	6:17	66° 06,108	52° 15,438	2834	2781	0,5	284	4500	4	2	133	20	13	59	Zutemann	6:16 Ende Station 2809
	6:30	06,166	14,057	2831	2769	4,9	84,6	4585	4	2	133	0	13	"	"	
	6:45	06,470	10,779	2842	2783	4,9	128,0	5700	4	2	133	0	13	"	"	
	7:00	06,448	06,729	2854	2797	6,3	96,0	5015	4	2	"	"	"	"	"	



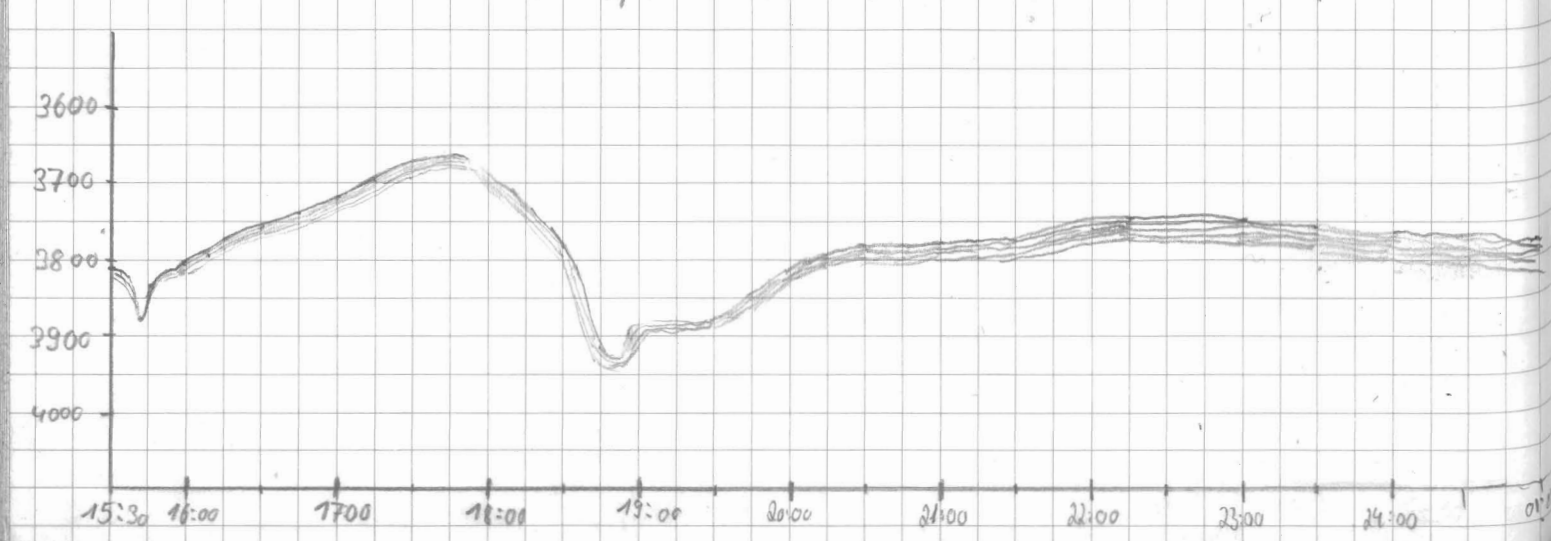
Datum	Zeit UTC	Breite S	Länge W	Tiefe Limb PS	Tiefe HS	Geschw. Km	Kurs C°	max Ampl	File PS	Pulse	Rec Length	Wait Time	Deso Rolle	Tape No	Wache	Bemerkung
	7:15	66°06,829	52°03,170	2849	2827	5.8	107	4400	4	2	133	0	13	59	Polzmann	
	7:30	07,194	00,677	2861	2798	8.8	94.7	4400	"	"	"	"	"	"	"	
	7:45	07,163	58,973	2864	2803	2.9	61.2	1100	"	"	"	"	"	"	"	Ankunft Station 7:49
	8:43	07,1	51°58,4	2867	2807	0.3	111	5800	"	"	"	"	"	"	Kuhn	Frequenztest
20.2.97	10:30	66°07,214	51°56,607	2878	2812	4.6	103.7	5247	"	"	"	"	"	60	Alba	8:58 Tape 59 → 60 seit ca. 10:15 Stationende
	:45	07,388	54,186	2889	2824	3.2	83.7	3815	"	"	"	"	"	"	"	
	M. 00	07,566	51,407	2901	2837	4.4	94.6	4657	"	"	"	"	"	"	"	
	:15	07,728	48,775	2913	2841	4.8	102.6	5017.5	"	"	"	"	"	"	"	
	:30	07,800	46,400	2924	2858	4.2	107.8	6450.0	"	"	"	"	"	"	"	
	:45	07,989	43,515	2937	2871	5.5	101.5	4485.0	"	"	"	"	"	"	"	
	12:00	08,183	40,945	2950	2885	4.1	95.7	4557.5	"	"	"	"	"	"	"	
	:15	08,2	39,1	2959	2892	1.7	91.4	3222	"	"	"	"	"	"	J. P. G. H. G.	
	:30	08,4	36,8	2970	2903	3.9	125,9	4760	"	"	"	"	"	"	"	
	:45	09,1	36,6	2972	2907	3.0	187,6	2317	"	"	"	"	"	"	"	
	13:00	10,1	36,5	2974	2908	4.1	185,1	2700	"	"	"	"	"	"	"	
	:15	11,1	36,5	2977	2910	4.6	174,6	2977	"	"	"	"	"	"	"	Drucker steht, Deso Rolle geschneitten und Rest neu eingelegt
	:30	12,0	36,4	2981	2915	3.8	181,8	2913	"	"	"	"	"	"	"	
	:45	12,7	36,4	2986	2919	4.3	178,7	3552	"	"	"	"	13(b)	"	"	
	14:00	13,7	34,6	2999	2933	5.5	142,2	4545	"	"	"	"	"	"	"	
	14:15	14,2	32,6	3008	2940	4.9	100,6	4000-4400	"	"	"	"	"	"	K. F. G.	50m ET
	14:30	14,5	30,1	3017	2949	6.0	91,9	3600-4300	"	"	"	"	"	"	"	
	14:45	14,8	27,2	3025	2961	3.4	139,0	4600	"	"	"	"	"	"	"	
	15:00	15,2	24,8	3038	2940	5.8	124,0	3800-4600	"	"	"	"	"	"	"	
	15:15	15,9	21,8	3050	2988	6.9	118,9	4000-4500	"	"	"	"	"	"	"	
	15:30	16,4	18,4	3067	3003	5.9	92,9	3800-4500	"	"	"	"	"	"	"	
	15:45	16,6	14,6	3079	3020	6.9	111,9	"	"	"	"	"	"	"	"	
	16:00	17,2	10,6	3098	3041	7.5	109,0	4400	"	"	"	"	"	"	"	nur nach 16:00 hierische
	16:15	17,7	06,6	3117	3069	7.4	111,3	"	"	"	"	"	"	"	Fluckmann	have lamp. Verwerfung:
	16:30	18,41	02,2	3136	3096	5.8	115	3800	"	"	"	"	"	"	"	
	16:45	19,07	58,3	3153	3113	7.5	112	3800	"	"	"	"	"	"	"	
	17:00	19,43	54,1	3173	3130	6.2	68	4100	"	"	"	"	"	"	"	
	17:15	18,17	52,3	3182	3140	5.9	32	4800	"	"	"	"	"	"	"	
	17:30	16,9	51,2	3190	3145	6.3	16	4100	"	"	"	"	"	"	"	
	17:45	16,47	50,0	3197	3153	1.9	24	4500	"	"	"	"	"	"	"	
	18:00	66°16,4	50°50,0	3196	3153	.3	(178)	4300	"	"	"	"	"	"	"	
	18:35	16,5	50,4	3195	3152	0.7	352	3000	X	X	"	"	"	"	Kuhn	Frequenztest
	22:00	20,4	50,1	3195	3145	7.4	178	3600	4	2	133	0	13(b)	60	Ushur	21:25 Station Ende (152911)
	:15	22,0	49,1	3201	3157	8.3	114	4600	"	"	"	"	"	"	"	
	:31	23,1	45,5	3217	3181	7.3	114	3200	"	"	"	"	"	"	"	



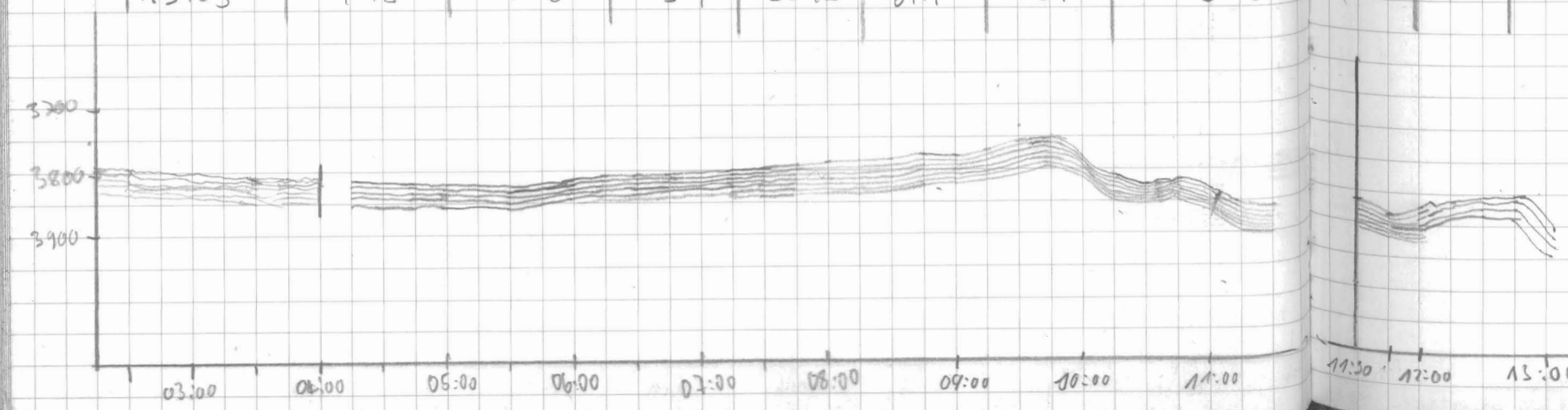
Datum	Zeit UTC	Breite S	Laenge W	Tiefe FS	Tiefe HS	Spd. [km]	Kurs [°]	Max Ampl. [mV]	Freq. [Hz]	Pulse	Record Length	Wait Time	Dist. Roll	Tiefe U1	Wache	Bemerkungen
20/02/97	22:58	66° 24,5	50° 32,4	3244	3203	6,2	123	400	4	2	133	0	13 b	60	Unklar	
	23:00	24,8	35,9	3217	3208	6,8	123	3740	"	"	"	"	"	"	Rueberg	
	23:15	25,8	32,2	3265	3234	7,0	121	3873	"	"	"	"	"	"	"	
	23:50	26,7	28,1	3282	3246	8,0	123	4045	"	"	"	"	"	"	"	
	23:45	27,8	23,8	3300	3256	7,9	121	3985	"	"	"	"	"	"	"	
21.02.97	0:00	28,6	20,4	3315	3273	7,2	119	3905	"	"	"	"	"	"	"	PSS abgeschlossen
	:50	31,6	8,3	3404	3355	7,6	110	3356	"	"	"	"	"	"	"	
	1:00	32,2	05,6	3453	3383	7,2	120		"	"	"	"	"	"	"	DAU - defekt, getauscht
	2:58	33,3	01,7	3474	3426	0,2	71	2350	4	2	133	0	13(b)	61	Kulm	
	3:46	33,6	00,4	3492	3441	0,8	254	4000	X	X	"	"	"	"	"	Frequenztest
	05:25	33,9	02,2	3495	3443	0,5	262	3000	4	2	133	0	13(b)	61	Unklar	Ende Station 2812 05:25
	:45	35,0	02,5	3528	3476	8,1	175	1767-2165	"	"	"	"	"	"	"	
	06:00	36,9	02,0	3575	3530	7,9	172	434	"	"	"	"	"	"	"	
	:15	39,1	01,5	3558	3522	8,6	172	3720	"	"	"	"	"	"	"	
	:30	41,0	01,7	3542	3503	7,9	172	4170	"	"	"	"	"	"	"	
	:45	42,7	00,3	3536	3497	5,0	176	3725	"	"	"	"	"	"	"	
	06:58	43,7	49° 59,7	3534	3504	0,5	36	3700	"	"	"	20	"	"	"	Station 2813
	7:30	43,6	59,9	3533	3501	0,1	166	2600	X	X	"	"	"	"	Kulm	Frequenztest
	8:36	44,1	50° 00,0	3531	3500	0,5	141	3700	4	2	133	0	"	"	"	Ende Station 2813
	09:30	44,9	49° 58,7	3530	3496	5,3	144	4000	"	"	"	0	"	"	Unklar	
	10:00	46,3	54,9	3535	3502	-6,0	138	4007	"	"	"	"	"	"	"	Vertretung
	10:30	48,5	51,2	3524	3523	6,2	138	3400-4000	"	"	"	"	"	"	"	Eindringtiefe 40m
	10:47	49,3	47,8	3590	3553	4,0	115	4000	"	"	"	"	"	"	Kulm	
	11:00	49,8	45,4	3611	3576	6,5	117	4200	"	"	"	"	"	"	"	
	11:15	50,4	42,4	3647	3608	5,7	138	2200	"	"	"	"	"	"	"	
	11:30	51,4	38,4	3685	3647	6,2	133	3600	"	"	"	"	"	"	Unklar	
	:45	52,1	36,9	3706	3666	5,8	128	3200	"	"	"	"	"	"	"	
	12:00	53,1	34,2	3736	3693	5,9	140	3300	"	"	"	"	"	"	"	
	12:15	54,2	31,6	3764	3724	6,9	133	3800	"	"	"	"	"	"	St. G. made	
	12:30	55,3	28,7	3769	3730	6,5	139	3600	"	"	"	"	"	"	"	
	12:45	56,4	26,2	3802	3770	6,0	140	3600	"	"	"	"	"	"	"	
	13:00	57,6	23,7	3810	3766	5,9	142	3300	"	"	"	"	"	"	"	
	13:15	58,7	21,2	3801	3754	5,3	150	2600	"	"	"	"	"	"	"	
	13:30	59,7	18,7	3795	3753	5,9	134	4300	"	"	"	"	"	"	"	
	13:45	67° 00,8	16,1	3797	3757	5,9	135	3000	"	"	"	"	"	"	"	
	14:00	01,8	13,4	3804	3790	6,0	135	3600	"	"	"	"	"	"	"	
	14:15	02,8	10,7	3821	3778	5,9	133	1500	"	"	"	"	"	"	"	
	14:30	03,9	08,1	3865	3825	6,2	136	1400	"	"	"	"	"	"	"	
	14:45	04,9	05,4	3839	3804	6,0	133	2700	"	"	"	"	"	"	"	
	15:00	05,9	02,7	3829	3793	5,6	135	4600	"	"	"	"	"	"	"	
	15:15	06,8	00,4	3829	3798	5,6	134	2800	"	"	"	"	"	"	"	
	15:30	07,9	48° 57,6	3815	3784	6,1	135	2500	"	"	"	"	"	"	"	Deso Rolle steht, 15:35 o.k.



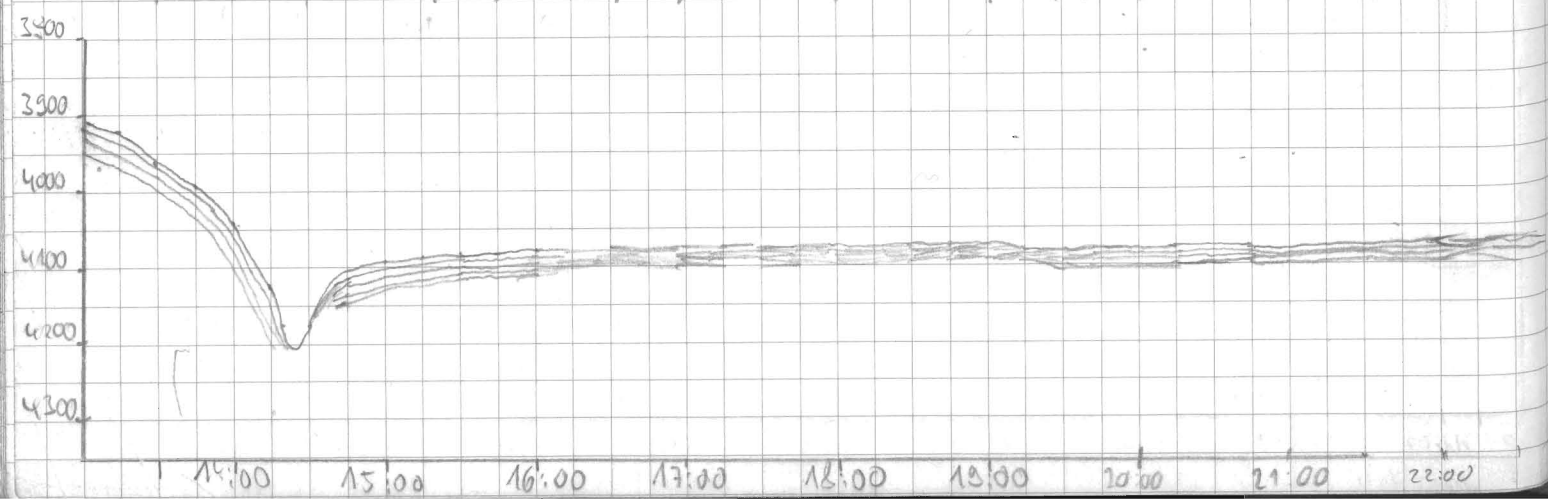
Datum UTC	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. [km]	Kurs [°]	Max. Amppl. [mV]	Freq. PS	Pulse	Record length	wait time	Deso Rolle	Tape No.	Wache	Bemerkung
21.02.97	15:45	67° 08,9	48° 54,8	3833	3846	6,0	135	1700	4	2	133	0	13	61	st. Schwanen	15:51 Wechsel Tape 61 → 62
	16:00	10,0	52,1	3801	3772	5,4	135	3800	"	"	"	"	"	62	Thalun	
	16:15	11,0	49,5	3779	3749	5,8	135	3100	"	"	"	"	"	"	"	
	16:30	12,1	47,1	3757	3728	5,1	131	3100	"	"	"	"	"	"	"	
	16:45	13,1	44,1	3742	3715	5,7	132	2900	"	"	"	"	"	"	"	
	17:00	14,0	41,6	3724	3693	5,8	133	3800	"	"	"	"	"	"	"	
	17:15	15,1	38,9	3697	3668	6,4	136	3100	"	"	"	"	"	"	"	Deso-Rolle streift
	17:30	16,2	36,0	3669	3639	5,9	133	4300	"	"	"	"	"	"	"	
	17:45	17,2	33,3	3667	3618	6,2	127	2900	"	"	"	"	"	"	"	
	18:00	18,245	30,738	-	3628	6,0	134	2513	"	"	"	"	"	"	abba	
	:15	19,216	27,868	3728	3698	5,3	118	2955	"	"	"	"	"	"	"	
	:30	20,323	25,343	3709	3767	6,1	134	2608	"	"	"	"	"	"	"	
	:45	21,390	22,525	3935	3906	6,3	137	3207	"	"	"	"	"	"	"	
19:00	22,498	19,632	3888	3865	6,6	135	3285		"	"	"	"	"	"	"	
	:15	23,528	16,970	3889	3864	5,8	137	2477	"	"	"	"	"	"	"	
	:30	24,617	14,087	3894	3867	6,3	135	3327	"	"	"	"	"	"	"	
	:45	25,691	11,299	3846	3820	6,1	135	2335	"	"	"	"	"	"	"	Deso-Rolle steht
20:00	26,689	08,660	3816	3789	6,4	138	2920		"	"	"	"	"	"	"	
	:15	27,8	05,7	3797	3766	6,8	136	2700	"	"	"	"	"	"	Kühler	
	:30	28,9	02,9	3787	3755	5,9	135	2800	"	"	"	"	"	"	"	
	:45	29,8	0,5	3780	3746	5,7	136	2800	"	"	"	"	"	"	"	40 m Eindringtiefe
21:00	30,4	47° 54,3	3770	3740	5,9	112	2300		"	"	"	"	"	"	"	
	:15	30,9	54,2	3766	3735	5,0	115	3140	"	"	"	"	"	"	"	
	:30	31,5	50,4	3759	3727	5,8	110	3400	"	"	"	0,5	"	"	"	
	:45	32,0	47,2	3756	3729	5,7	114	3110	"	"	"	"	"	"	"	
22:00	32,6	43,6	3752	3725	5,9	113	2800		"	"	"	"	"	"	"	
	:17	33,2	39,9	3749	3723	5,6	113	3150	"	"	"	1	"	"	"	
	:33	33,7	36,3	3747	3725	6,2	112	3300	"	"	"	"	"	"	"	
	:45	34,2	33,4	3749	3725	6,9	113	3000	"	"	"	"	"	"	"	
23:02	34,8	29,5	3750	3729	6,0	112	3000		"	"	"	"	"	"	"	
	:15	35,2	26,4	-	-	5,2	110	1100	"	"	"	"	"	"	"	Eis
	:31	35,8	22,9	3755	3733	5,7	118	2900	"	"	"	"	"	"	"	
	:49	36,4	18,9	3761	3744	6,0	112	3000	"	"	"	"	"	"	"	
22/02/97	00:00	36,9	15,9	3765	3745	4,9	108	2900	"	"	"	"	"	"	Kühler	
	:15	37,4	12,4	3769	3747	5,4	111	2700	"	"	"	"	"	"	"	
	:30	37,8	09,9	3772	3750	5,4	119	3400	"	"	"	"	"	"	"	
	:45	38,3	7,3	3775	3753	6,1	118	3200	"	"	"	"	"	"	"	
01:00	38,5	5,1	3772	3759	6,1	113	1000		"	"	"	"	"	"	"	
	:15	39,2	1,1	3783	3760	5,2	111	3000	"	"	"	"	"	"	"	
	:27	39,6	46° 58,4	3786	3756	5,9	116	2900	"	"	"	"	"	"	"	
	:45	40,3	53,8	3790	3764	5,7	106	2800	"	"	"	"	"	"	"	
02:08	41,2	48,4	3792	3761	6,1	112	2800		"	"	"	"	"	"	"	



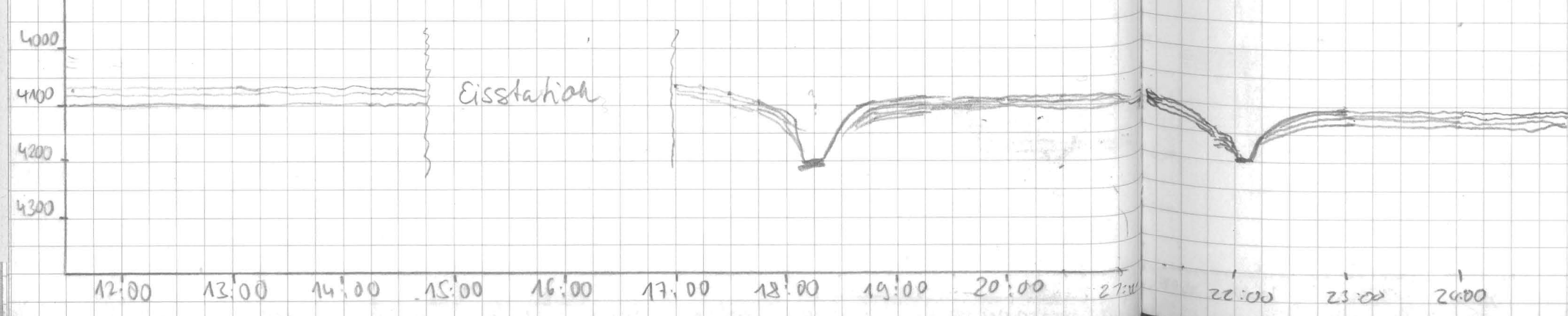
Datum	Zeit UTC	Kwik S	Luft W	Tiefe PS	Tiefe HS	Spekt. Ku	Kurs °	Max. Ampl. mV	Frequ. PS	Pulz	Recond Length	Wait time	Deso Rolle	Tape No	Wacht	Bemerkungen
22/02/97	02:15	67°41,4	46°46,8	3794	3763	6,1	112	3300	4	2	133	1	13	62	Wacht	ET ca 40m
	130	41,9	44,0	3797	3765	5,1	117	1500	"	"	"	"	"	"	"	"
	145	42,5	40,2	3803	3768	6,0	112	478-3200	"	"	"	"	"	"	"	"
	03:00	43,0	36,6	3804	3766	6,3	113	1500	"	"	"	"	"	"	"	"
	115	43,4	33,8	3808	3775	5,9	124	2800	"	"	"	"	"	"	"	"
	130	44,0	30,3	3809	3775	5,3	116	2800	"	"	"	"	"	"	"	"
	145	44,4	27,7	3806	3771	4,4	95	2900	"	"	"	"	"	"	"	"
	04:00	44,7	25,4	3809	3775	3,3	110	2700-3600	"	"	"	"	"	"	"	"
	04:15	45,0	23,2	3812	3780	5,2	95	3000-3200	"	"	"	"	"	"	Hilfsband	Deso-Rolle hängt seit 00:24 h
	04:30	45,1	19,6	3816	3783	5,2	102	3100-3500	"	"	"	"	"	"	"	ET ~ 45m
	04:45	45,5	16,0	3817	3786	6,3	107	2600-3400	"	"	"	"	"	"	"	"
	05:00	46,0	12,7	3816	3783	6,6	122	3000-3300	"	"	"	"	"	"	"	"
	05:15	46,7	09,8	3816	3782	3,9	118	2700-3200	"	"	"	"	"	"	"	05:16h: Deso-Rolle ausgewechselt
	05:30	47,4	06,4	3815	3785	5,0	117	2800-3200	"	"	"	"	14	"	"	(14 gegen 13)
	05:45	48,1	03,1	3813	3781	5,7	118	2600-3100	"	"	"	"	"	"	"	ET ~ 55m
	06:00	48,8	45° 59,7	3811	3785	6,4	118	2900-3300	"	"	"	"	"	"	"	"
	06:15	49,3	56,0	3809	3773	6,6	111	600-3000	"	"	"	"	"	"	"	06:21h: Tape ausgewechselt (63 gegen 62)
	06:30	49,9	52,6	3808	3766	5,4	111	2700-3400	"	"	"	"	"	63	"	"
	06:45	50,4	49,2	3807	3765	5,8	111	2800-3300	"	"	"	"	"	"	"	"
	07:00	50,9	45,9	3804	3760	5,2	103	700-2900	"	"	"	"	"	"	"	"
	07:15	51,4	42,6	3802	3757	6,1	114	2700-3100	"	"	"	"	"	"	"	ET ~ 60m
	07:30	52,0	39,1	3799	3753	5,7	111	2700-3800	"	"	"	"	"	"	"	"
	07:45	52,5	35,4	3794	3753	6,1	110	2700-	"	"	"	"	"	"	"	"
	08:00	53,0	31,9	3788	3753	6,2	111	3000-3700	"	"	"	"	"	"	St. Schumacher	ET ~ 60m
	08:15	53,5	28,4	3784	3742	5,3	118	3200-3410	"	"	"	"	"	"	"	" , Oberflächenreflektor z.T. wellig
	08:30	54,1	25,4	3779	3741	6,2	110	2700-3100	"	"	"	"	"	"	"	"
	08:45	54,5	21,9	3773	3731	2,5	106	2100-2700	"	"	"	"	"	"	"	"
	09:00	54,6	19,3	3771	3731	6,6	120	2900	"	"	"	"	"	"	"	" und mehr
	09:15	55,3	16,3	3762	3726	5,9	115	2700-3300	"	"	"	"	"	"	"	"
	09:30	55,8	12,9	3753	3727	3,9	99	2400-2900	"	"	"	"	"	"	"	"
	09:45	56,4	10,4	3752	3716	5,1	153	1200-2600	"	"	"	"	"	"	"	"
	10:00	57,1	07,3	3785	3746	6,5	123	3000-3400	"	"	"	"	"	"	"	"
	10:15	58,0	05,7	3809	3776	6,0	176	2500-2800	"	"	"	"	"	"	"	"
	10:30	59,1	03,6	3824	3785	6,5	171	2100-2400	"	"	"	"	"	"	"	"
	10:45	68° 00,5	03,9	3823	3787	5,3	191	2000-2900	"	"	"	"	"	"	"	"
	11:00	01,7	03,4	3825	3790	4,5	162	1700-2200	"	"	"	"	"	"	"	"
	11:15	02,9	02,3	3853	3809	5,8	170	2600-3000	"	"	"	"	"	"	"	"
	11:30	04,2	01,9	3863	3816	5,3	167	1900-2400	"	"	"	"	"	"	"	"
	11:45	05,6	01,1	3882	4285	4,9	180	1300-4300	"	"	"	"	"	"	"	HSTiefe z.T. konfus
	12:00	06,9	01,6	3872	3820	5,9	199	3200-3500	"	"	"	"	"	"	"	"
	12:15	08,3	02,1	3864	3805	5,9	172	2000-2500	"	"	"	"	"	"	Diemann	Eindringtiefe 40m
	12:30	09,2	02,3	3857	3799	6,4	192	2800-3400	"	"	"	"	"	"	"	"
	12:45	11,1	03,42	3854	3797	5,4	178	2000-3200	"	"	"	"	"	"	"	"
	13:05	12,2	02,6	3807	3842	6,1	191	2800-3500	"	"	"	"	"	"	"	"



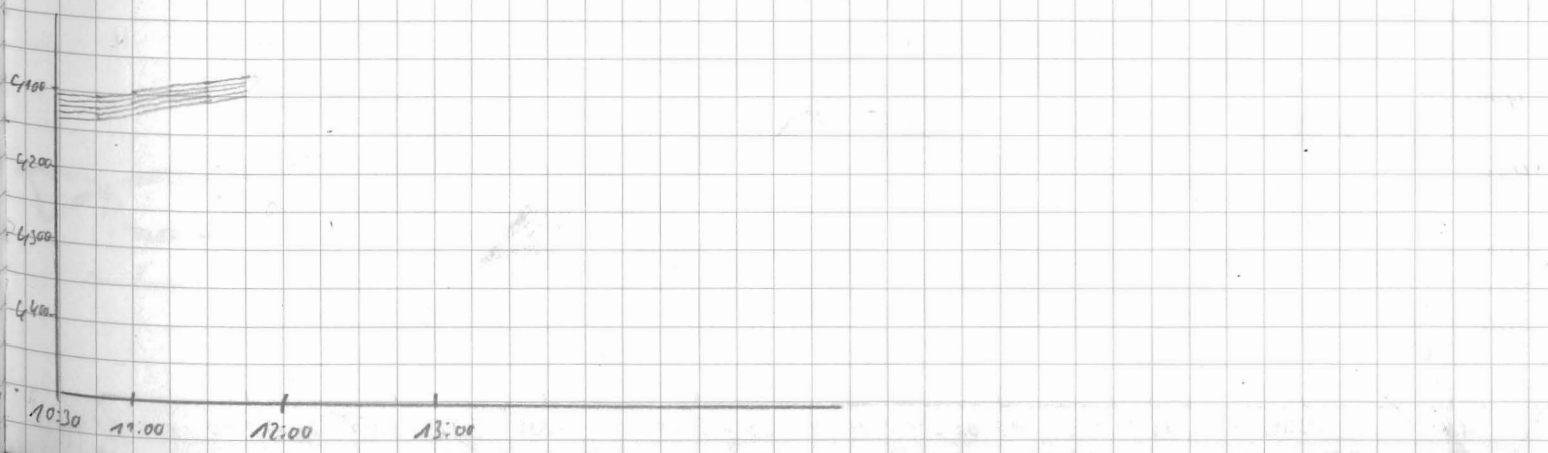
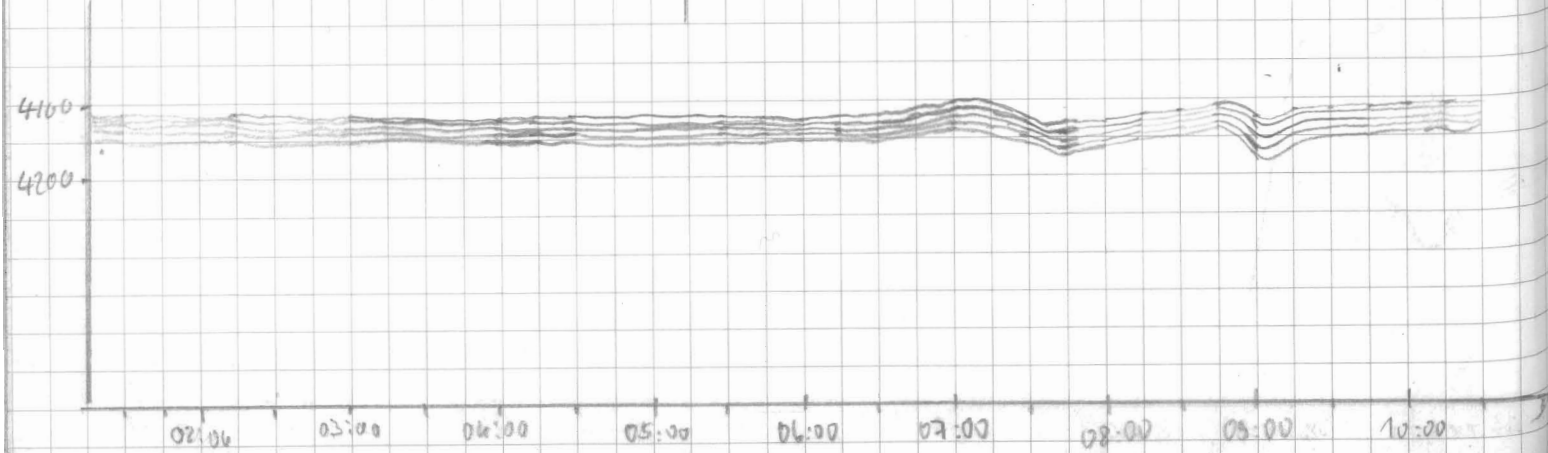
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. [km]	Kurs [°]	Max. Amplit. [mV]	Frequ. PS	Pulse	Record Length	Wait Time	Deso Rolle	Tape No	Wache	Bemerkung
	13:15	68° 13.7	45° 02.5	3920	3861	5.5	186	2500 - 3100	4	2	133	1	14	63	Dickmann	Eindringtiefe 40m
	13:30	15.1	03.0	3961	3900	5.6	181	2300 - 2700	"	"	"	"	"	"	"	"
	13:45	15.9	03.0	3980	3928	5.2	144	2300 - 3200	"	"	"	"	"	"	"	"
	14:00	17.4	02.2	4042	3989	4.9	152	2100 - 2700	"	"	"	"	"	"	"	"
	14:15	18.7	02.1	4136	4073	6.0	175	1000 - 2200	"	"	"	"	"	"	"	"
	14:30	20.3	01.8	4182	4112	6.3	176	2000 - 4000	"	"	"	"	"	"	"	"
	14:45	21.8	45° 00.7	4110	4042	6.4	161	3400 - 4400	"	"	"	"	"	"	"	"
	15:00	23.2	44° 58.9	4092	4034	5.6	155	4000 - 4700	"	"	"	"	"	"	"	"
	15:15	24.3	44° 59.7	4092	4025	5.1	233	2200 - 3300	"	"	"	"	"	"	"	"
	15:30	25.6	45° 01.1	4087	4021	5.1	172	3000 - 4000	"	"	"	"	"	"	"	"
	15:45	27.0	01.3	4086	4019	4.3	163	2500 - 3000	"	"	"	"	"	"	"	"
	16:00	22.2	00.3	4083	4007	4.2	163	2700 - 3500	"	"	"	"	"	"	"	"
22.02.97	16:15	68° 29.121	45 00.86	4081	4014	6.0	189	2800 - 4200	4	2	133	1	14	63	Pitmann	
	16:30	30.362	44° 59.394	4077	4004	2.6	154	2900 - 4000	"	"	"	"	"	"	"	"
	16:45	30.962	44° 57.448	4077	4101	3.8	129	1600 - 2300	"	"	"	"	"	"	"	"
	17:00	31.703	55.505	4079	4010	4.3	128	2900 - 4500	"	"	"	"	"	"	"	"
	17:15	32.501	54.322	4078	4011	4.7	162	3200 - 3600	"	"	"	"	"	"	"	"
	17:30	33.277	54.059	4077	4007	1.0	159	3200 - 3500	"	"	"	"	"	"	"	"
	17:45	33.836	54.227	4076	4002	2.1	183	-5800	"	"	"	"	"	"	"	"
	18:00	34.568	54.881	4075	4005	3.5	192	2200 - 5500	"	"	"	"	"	"	"	"
	18:15	35.2	55.6	4074	4005	3.9	177	6102 - 5972	"	"	"	"	"	"	Ruelberg	"
	18:30	36.1	54.4	4074	4004	5.0	197.7	4555 - 5280	"	"	"	"	"	"	"	"
	18:45	36.8	54.1	4071	4006	6.0	180	4330 - 5130	"	"	"	"	"	"	"	"
	19:00	37.7	47.8	4075	4019	5.8	125	3005 - 6051	"	"	"	"	"	"	"	"
	19:15	38.7	45.1	4075	4017	6.1	145	2430 - 6777	"	"	"	"	"	"	"	"
	19:30	39.7	42.2	4077	4018	5.5	177	1580 - 4973	"	"	"	"	"	"	"	"
	19:45	40.4	39.1	4071	4001	5.5	140	2577 - 3955	"	"	"	"	"	"	"	"
	20:00	41.7	39.0	4079	4032	5.6	194	6200	"	"	"	"	"	"	Kiehn	Produkte Oberfläche
	20:15	43.0	38.3	4074	4026	4.3	134	4600	"	"	"	"	"	"	"	"
	20:30	43.5	36.0	-	4053	3.8	118	3300	"	"	"	"	"	"	"	"
	20:45	43.9	34.3	4071	-	3.9	152	3500	"	"	"	"	"	"	"	"
	21:00	44.3	33.5	4070	4020	0.3	331	3700	"	"	"	"	"	"	"	"
	21:15	44.6	31.3	4073	4020	3.3	125	4100	"	"	"	"	"	"	"	"
	21:30	68° 45.2	29.7	4071	4022	7.8	186	3700	"	"	"	"	"	"	"	"
	21:45	46.4	31.3	4068	4020	3.0	250	3800	"	"	"	"	"	"	"	"
	22:00	46.4	34.4	4069	4020	4.3	243	3500	"	"	"	"	"	"	"	"
	22:15	47.3	35.2	4068	4018	4.5	193	2100	"	"	"	"	"	"	"	"
	22:31	48.3	35.1	4064	4015	3.6	222		"	"	"	"	"	"	"	"
	22:45	48.9	35.7	4062	4014	3.4	161	3500	"	"	"	"	"	"	"	Eindringtiefe ca. 30m
	23:00	49.0	35.7	4062	4012	2.1	313	3200	"	"	"	"	"	"	"	"
	23:45	47.7	28.1	4065	4016	8.3	70	4100	"	"	"	"	"	"	"	Fahrt zur REFTEK-Position
23.02.97	08:38	45.6	34.6	4068	4020	0.5	302	2450	"	"	"	"	"	"	Hillebrand	Stoppen ca 0:00, Stand by
	10:27	45.2	36.6	4069	4019	0.5	292	2530	"	"	"	"	"	"	"	"
	11:00	45.5	34.8	4067	4018	5.4	84	5000	"	"	"	1	"	"	"	08:35 h: Station PS2814 Anfang 10:20 h: Station PS2814 Ende



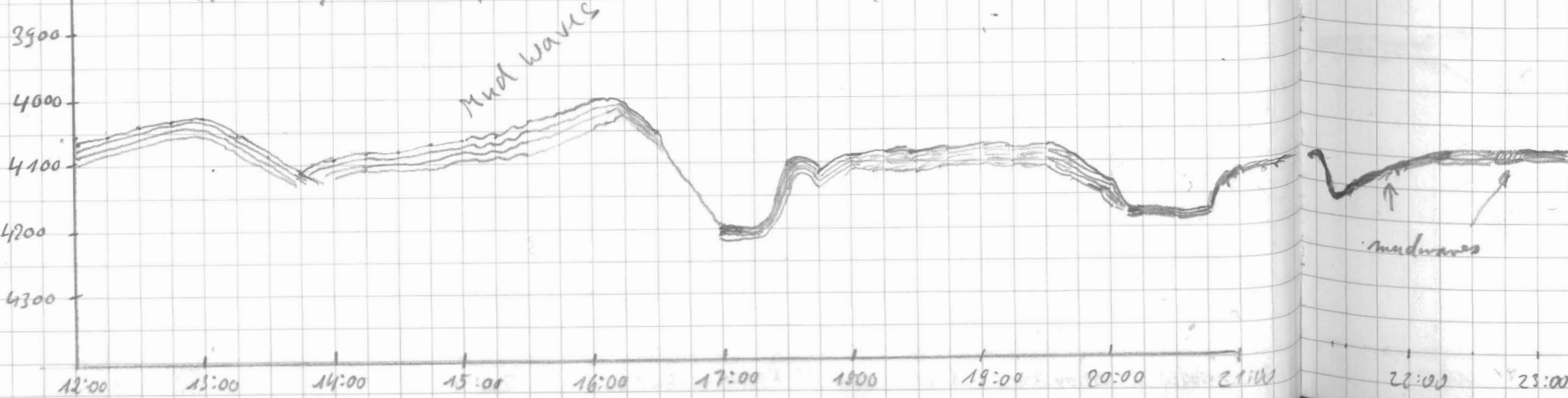
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. (km)	Kurs (°)	Max. Ampl. (mV)	Frequ. PS	Pulse	Rec. Length	Wait Time	Deso-Rolle	Tape Nr.	Wache	Bemerkungen
23.02.97	11:30	68° 46.0'	44° 31.6'	4063	4019	3,4	156	2800	"	2	133	1	14	63	Dürmann	Eindringtiefe 20m
	11:45	46.5'	29.5'	4067	4018	4,7	75	2700	"	"	"	"	"	"	"	
	12:00	46.4'	29.3'	4067	4018	1,3	262	3400	"	"	"	"	"	"	"	11:56 - 12:01 Bandwechsel
	12:15	46.3'	29.2'	4067	4020	1,2	261	2800	"	"	"	"	"	64	"	
	12:45	47,0'	26,5'	4067	4020	5,3	156	2000	"	"	"	"	"	"	St. Schlemmer	
	13:00	48,4'	25,5'	4064	4016	5,2	120	5000	"	"	"	"	"	"	"	
	13:15	49,1'	23,3'	4063	4008	5,4	194	2100	"	"	"	"	"	"	"	
	13:30	50,4'	22,5'	4062	4013	4,6	154	1700	"	"	"	"	"	"	"	
	13:45	51,3'	20,9'	4060	4014	3,6	99	3500	"	"	"	"	"	"	"	Papier speed von 100000 auf 50000 umgestellt
	14:00	51,7'	18,1'	4064	4018	4,8	129	2800	"	"	"	"	"	"	"	
	14:15	52,2'	16,1'	4067	4019	4,2	94	3800	"	"	"	"	"	"	"	
	14:30	52,5'	13,6'	4075	4026	4,8	133	3400	"	"	"	"	"	"	"	
	14:45	52,6'	12,9'	4078	4028	0,6	287	3700	"	"	"	20	"	"	"	Station Muerisgruppe
	17:00	52,4'	15,8'	4067	4020	3,4	106	3000	"	"	"	2	"	"	Boxis	
	17:15	52,5'	12,8'	4075	4029	5,8	102	3000	"	"	"	"	"	"	"	
	17:30	52,5'	10,5'	4093	4043	1,0	128	2700	"	"	"	1	"	"	"	
	17:45	52,6'	10,0'	4100	4047	2,9	145	2850	"	"	"	"	"	"	"	
	18:00	53,0'	09,1'	4113	4062	1,3	116	2000	"	"	"	"	"	"	"	
	18:15	53,3'	07,2'	0	4152	2,5	77	um 1500	"	"	"	"	"	"	"	Pfunde ungefähr 18:15 -> graben, bis 100m tief
	18:30	53,2'	06,9'	4126	4117	1,6	280	1800-	"	"	"	"	"	"	"	
	18:45	52,9'	05,9'	0	4064	6,6	61		"	"	"	"	"	"	"	ungefähr 18:20 oder 30
	19:00	52,6'	03,5'	4090	4040	4,8	90,6	2050	"	"	"	"	"	"	Boxis	Schiff fährt auch rückwärts
	19:15	68° 53,249	42° 59,705	4084	4035	6,6	139,8	3125	"	"	"	"	2	"	Pfutzman	
	19:30	53,588	58,222	4084	4038	0,6	130	2300	"	"	"	"	"	"	"	
	19:45	53,855	55,430	4085	4039	4,3	110	3465	"	"	"	"	"	"	"	
	20:00	54,454	52,800	4084	4036	3,9	120	325	"	"	"	"	"	"	"	
	20:15	54,6'	50,2'	4087	4039	3,2	92	3500	"	"	"	1	"	"	Kuchen	
	20:30	55,1'	47,5'	4089	4040	3,6	104	2600	"	"	"	"	"	"	"	
	20:45	55,7'	46,0'	4090	4042	5,6	206	2400	"	"	"	"	"	"	"	Eindringtiefe ca. 50m
	21:00	56,6'	44,8'	4094	4044	3,2	129	2900	"	"	"	"	"	"	"	
	21:15	57,3'	42,5'	4107	4058	5,2	103	3200	"	"	"	"	"	"	"	
	21:30	57,9'	40,5'	4120	4071	3,8	113	3600	"	"	"	"	"	"	"	
	21:45	58,4'	37,7'	4147	4096	3,6	110	3500	"	"	"	"	"	"	"	
	22:00	59,1'	36,8'	4173	4127	6,8	152	1500	"	"	"	"	"	"	"	
	22:15	59,8'	33,4'	4152	4103	4,6	98	4100	"	"	"	"	"	"	"	
	22:32	69° 00,7	29,9'	4129	4080	3,6	96	3700	"	"	"	"	"	"	"	
	22:45	0,5'	26,9'	4122	4072	6,8	120	3600	"	"	"	"	"	"	"	
	23:00	1,2'	23,8'	4117		4,9	123	2400	"	"	"	"	"	"	"	
	23:15	1,2'	17,3'	4116	4073	3,9	85	2700	"	"	"	"	"	"	"	
	23:30	1,1'	14,3'	4117	4078	5,0	89	2700	"	"	"	"	"	"	"	
24/02/97	01:00	1,1'	11,7'	4118	4072	3,9	84	3000	"	"	"	"	"	"	Volker	
	01:15	1,0'	8,6'	4117	4081	5,3	91	3000	"	"	"	"	"	"	"	
	01:30	1,1'	4,9'	4117	4082	4,9	94	3300	"	"	"	"	"	"	"	
	01:45	1,1'	1,4'	4116	4082	4,5	91	3200	"	"	"	"	"	"	"	
3900	01:00	1,1'	42° 58,2	4114	4082	5,4	94	3200	"	"	"	"	"	"	"	



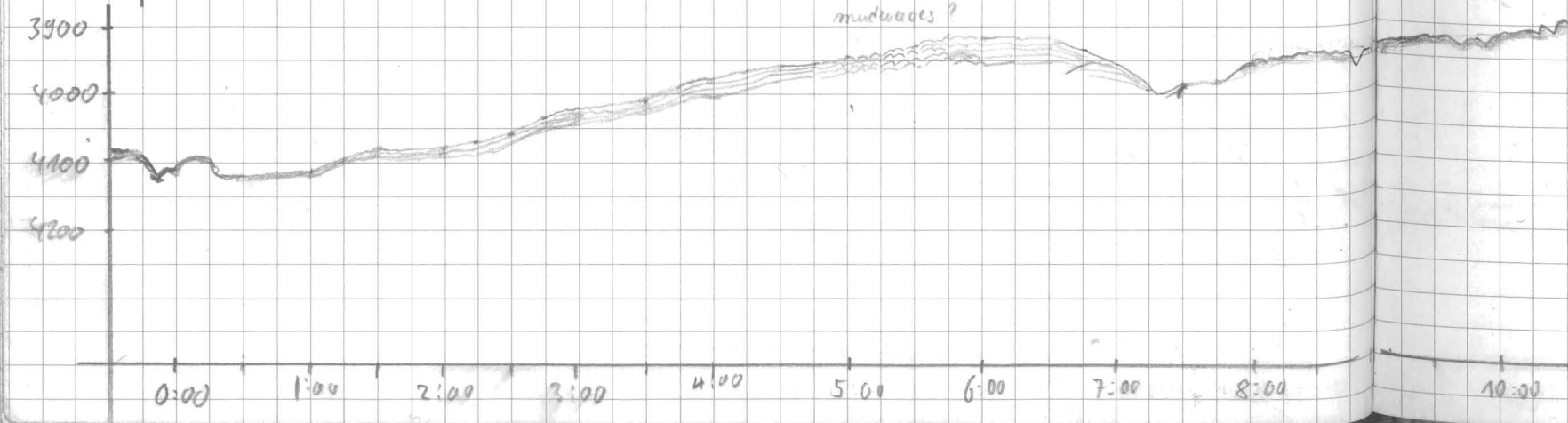
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe WS	Speich. [km]	Kurs [°]	Max. Ampl. [km]	Prof. PS	Pulse	Recond Length	Wait time	Diso Rolle	Tape No	W. u. die	Bemerkungen
26/02/97	01:15	69°01,1	42°54,7	4116	4089	5,1	84	2800	4	2	133	1	14	64	U. u. B.	ET ca 30m
	:30	00,0	51,8	4116	4092	5,1	87	2800	"	"	"	"	"	"	"	
	:45	00,9	48,3	4117	4095	4,4	87	3000	"	"	"	"	"	"	"	
	02:00	00,9	45,1	4119	4189	4,4	84	1700	"	"	"	"	"	"	"	
	:15	00,8	42,0	4119	4098	4,2	87	3200	"	"	"	"	"	"	"	
	:30	00,7	38,9	4119	4092	4,7	88	3000	"	"	"	"	"	"	"	
	:45	00,7	36,1	4122	4104	4,4	88	1700	"	"	"	"	"	"	"	
	03:00	00,7	33,1	4120	4101	4,4	66	2700	"	"	"	"	"	"	"	
	:15	00,6	30,4	4118	4100	4,2	86	3200	"	"	"	"	"	"	"	
	:30	00,5	27,5	4122	4099	3,6	95		"	"	"	"	"	"	"	
	:45	00,5	24,5	4123	4107	3,6	89	3200	"	"	"	"	"	"	"	
	04:00	00,4	21,9	4122	4105	3,5	90	2500	"	"	"	"	"	"	"	
	:15	00,4	19,7	4124	4101	3,5	85	3100	"	"	"	"	"	"	Hillebrand	ET ~ 30m
	:30	00,3	16,7	4121	4098	3,8	85	3000	"	"	"	"	"	"	"	
	:45	00,3	14,3	4123	4092	3,9	90	2900	"	"	"	"	"	"	"	
	05:00	00,2	11,9	4122	4091	2,4	85	3000	"	"	"	"	"	"	"	
	:15	00,2	10,0	4119	4086	2,7	90	3000	"	"	"	"	"	"	"	
	:30	00,1	07,6	4119	4080	2,8	87	3000	"	"	"	"	"	"	"	
	:45	00,1	05,1	4119	4076	4,0	89	3000	"	"	"	"	"	"	"	
	06:00	00,0	02,8	4117	4074	4,1	52	2700	"	"	"	"	"	"	"	06:03h: Strömung geht ins Wasser
	:15	68°59,9	00,9	4118	4075	2,4	109	3400	"	"	"	"	"	"	"	bis 06:35h
	:30	69°00,0	41°59,6	4116	4075	2,5	133	3300	"	"	"	"	"	"	"	06:35h: Tape 64 gg. Tape 65 ausgetauscht
	:45	69°01,2	41°57,8	4108	4064	3,7	145		"	"	"	"	"	65	"	
	07:00	69°02,5	41°55,2	4101	4064	5,9	148	2800	"	"	"	"	"	"	"	
	:15	03,6	53,0	4100	4057	6,0	145	2800	"	"	"	"	"	"	"	
	:30	04,8	50,5	4127	4085	6,4	142	3500	"	"	"	"	"	"	"	
	:45	06,0	48,1	4134	4090	5,8	146	3800	"	"	"	"	"	"	"	ET ~ 40m
	08:00	07,2	45,9	4130	4086	5,8	147	3500	"	"	"	"	"	"	St. Schornstein	
	:15	08,3	43,8	4123	4083	4,6	143	3000	"	"	"	"	"	"	"	
	:30	09,3	41,7	4115	4076	5,5	146	2500-3300	"	"	"	"	"	"	"	
	:45	10,4	39,6	4107	4065	5,0	144	2700-3300	"	"	"	"	"	"	"	
	09:00	11,5	37,3	4125	4085	5,0	146	3700-4800	"	"	"	"	"	"	"	
	:15	12,7	35,0	4118	4075	5,6	144	2700-3900	"	"	"	"	"	"	"	
	:30	13,9	32,8	4115	4070	5,5	143	2000-2700	"	"	"	"	"	"	"	
	:45	14,9	30,6	4112	4062	5,1	151	2300-2900	"	"	"	"	"	"	"	
	10:00	16,0	28,6	4109	4067	4,2	152	2400-3100	"	"	"	"	"	"	"	
	:15	17,0	26,5	4106	4066	4,9	143	3000-3500	"	"	"	"	"	"	"	
	:30	18,1	24,5	4104	4066	5,3	144	3800-4100	"	"	"	"	"	"	"	
	:45	19,1	22,4	4101	4060	5,4	146	2700-3000	"	"	"	"	"	"	"	
	11:00	20,3	20,1	4095	4053	6,1	145	2700-3400	"	"	"	"	"	"	"	
	:15	21,5	17,8	4089	4047	6,0	146	3000-3600	"	"	"	"	"	"	"	
	:30	22,7	15,4	4080	4049	6,5	147	2900-3900	"	"	"	"	"	"	"	HS Tiefen z.T. falsch, HS+PS Tiefen fehlen z.T.
	:45	23,6	13,1	4075	4035	4,8	131	2600-2800	"	"	"	"	"	"	"	"
	12:00	24,7	11,1	4066	4025	5,1	149	2400-3000	"	"	"	"	"	"	"	"



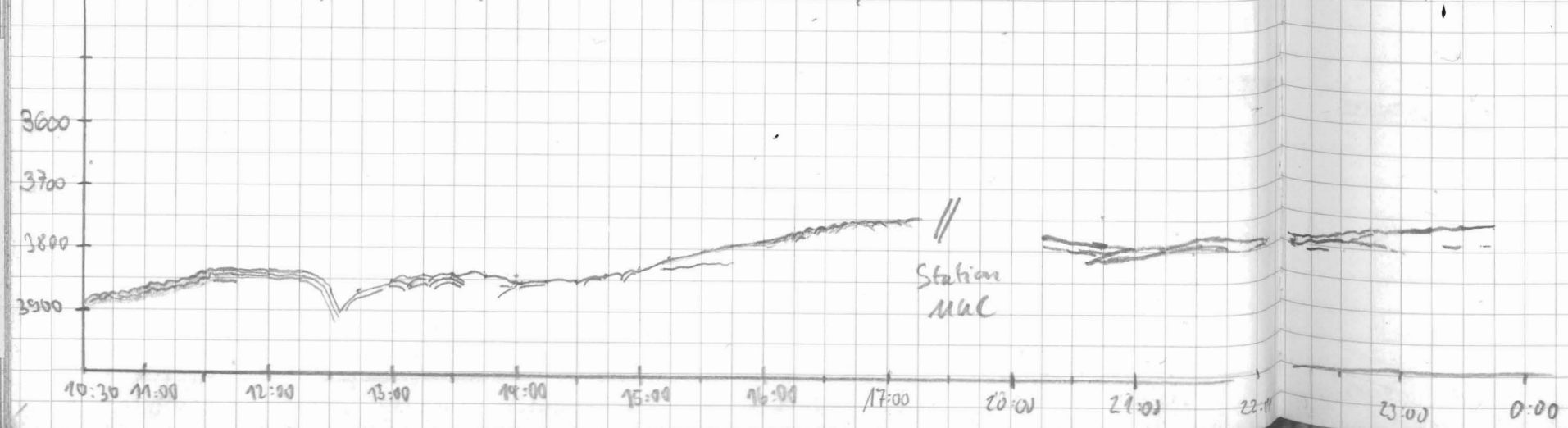
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe MS	Gaschar. [km]	Kurs [°]	max. Ampl. [mV]	Freq. PS	Pulse	Record length	Wait time	Deso Rolle	Tepe No	Wache	Bemerkungen
24.02.87	12:15	69° 26.1'	41° 09.1'	4054	4022	5.5	160	1800-2300	4	2	133	1	14	65	Dickmann	Eindringtiefe: 40 m
	12:30	27.3'	07.4'	4045	4018	5.5	124	2000-2600	"	"	"	"	"	"	"	"
	12:45	28.2'	04.6'	4041	4012	5.9	137	2200-3200	"	"	"	"	"	"	"	"
	13:00	29.3'	02.1'	4039	4014	6.1	141	2100-3000	"	"	"	"	"	"	"	"
	13:15	30.4'	40° 59.8'	4055	4027	6.0	144	2200-2200	"	"	"	"	"	"	"	"
	13:30	31.6'	57.4'	4088	4057	4.5	145	1700-2300	"	"	"	"	"	"	"	"
	13:45	32.7'	55.3'	4110	4084	5.2	145	2800-3200	"	"	"	"	"	"	"	"
	14:00	33.2'	53.0'	4098	4069	5.3	136	3100-4000	"	"	"	"	"	"	"	"
	14:15	35.1'	50.5'	4091	4064	5.9	144	2900-3800	"	"	"	"	"	"	"	"
	14:30	36.2'	48.3'	4079	4042	6.2	144	3700-4700	"	"	"	"	"	"	"	Eindringtiefe 50 m
	14:45	37.5'	45.6'	4069	4038	5.4	145	2400-4000	"	"	"	"	"	"	"	"
	15:00	38.5'	43.5'	4062	4028	6.3	126	3700-4500	"	"	"	"	"	"	"	"
	15:15	39.7'	41.0'	4054	4013	6.5	154	2600-3700	"	"	"	"	"	"	"	"
	15:30	40.9'	38.7'	4036	3990	5.2	144	2600-3100	"	"	"	"	"	"	"	Mud waves
	15:45	42.0'	36.5'	4026	3979	6.2	149	2500-3500	"	"	"	"	"	"	"	"
	16:00	69° 43.3' S	40° 34.2' W	4004	3951	6.7	146	2000-2500	4	2	133	1.0	14	65	KL	
	16:15	44.6'	32.0'	4016	3959	5.8	151	1400-2300	"	"	"	"	"	"	"	"
	16:30	45.7'	29.6'	4064	3996	5.7	149	3600-5100	"	"	"	"	"	"	"	"
	16:45	47.0'	27.4'	4093	4043	5.8	141	0600-3000	"	"	"	"	"	"	"	"
	17:00	69° 48.1' S	40° 25.7' W	4188	4124	5.7	172	4000-5600	"	"	"	"	"	"	"	"
	17:15	49.3'	24.6'	4156	4100	3.7	177	2200-2700	"	"	"	"	"	"	"	"
	17:30	50.4'	22.8'	4110	4046	6.3	138	2500-3300	"	"	"	"	"	"	"	"
	17:45	51.6'	20.0'	4106	4050	5.7	137	2000-3000	"	"	"	"	"	"	"	"
	18:00	69° 52.6' S	40° 17.4' W	4098	4029	5.3	138	3500-4200	"	"	"	"	"	"	"	"
	18:15	53.8'	14.4'	4086	4041	5.9	197	3680-3750	4	"	"	"	"	"	Raelberg	
	18:30	54.8'	11.4'	4084	4045	5.7	133	3340-3812	4	"	"	"	"	"	"	Deso-Rolle hing ca. 30 min.
	18:45	55.9'	08.6'	4083	4050	5.8	147	3100-3300	4	"	"	"	"	"	"	"
	19:00	57.0'	06.1'	4079	4051	5.9	144	3212-3807	4	"	"	"	"	"	"	"
	19:15	58.2'	03.9'	4074	4049	5.8	148	2500-3100	4	"	"	"	"	"	"	"
	19:30	59.3'	01.5'	4074	4046	5.7	140	3700-3500	4	"	"	"	"	"	"	"
	19:45	70° 00.6'	40° 00.6'	4096	4068	5.5	180	2700-2800	4	"	"	"	"	"	"	"
	20:00	02.0'	0.0'	4131	4100	5.8	181	3300	"	"	"	"	"	"	Kahn	
	20:15	03.5'	0.0'	4170	4138	5.8	180	5400	"	"	"	"	"	"	"	"
	20:37	04.7'	0.0'	4174	4136	5.9	180	5300	"	"	"	"	"	"	"	"
	20:45	6.4'	0.1'	4120	4130	5.8	181	4000	"	"	"	"	"	"	"	"
	21:00	7.6'	0.1'	4117	4078	5.7	180	5100	"	"	"	"	"	"	"	"
	21:16	9.3'	0.0'	4114	4069	5.5	182	4900	"	"	"	"	"	"	"	"
	21:30	10.6'	39° 59.9'	4158	4113	5.7	170	2800	"	"	"	"	"	"	"	"
	21:45	11.9'	58.8'	4130	4084	5.6	162	7400	"	"	"	"	"	"	"	"
	22:00	13.3'	58.5'	4115	4069	5.8	181	10200	"	"	"	"	"	"	"	"
	22:19	15.1'	58.5'	4099	4055	5.7	180	5100	"	"	"	"	"	"	"	Eindringtiefe 20-30m prolonged
	22:40	17.0'	58.5'	4092	4047	5.8	180	7200	"	"	"	"	"	"	"	Raymond Schir
	23:00	18.9'	58.6'	4083	4048	5.4	179	4000	"	"	"	"	"	"	"	"
	23:15	20.3'	58.5'	4081	4037	6.0	179	3200	"	"	"	"	"	"	"	"



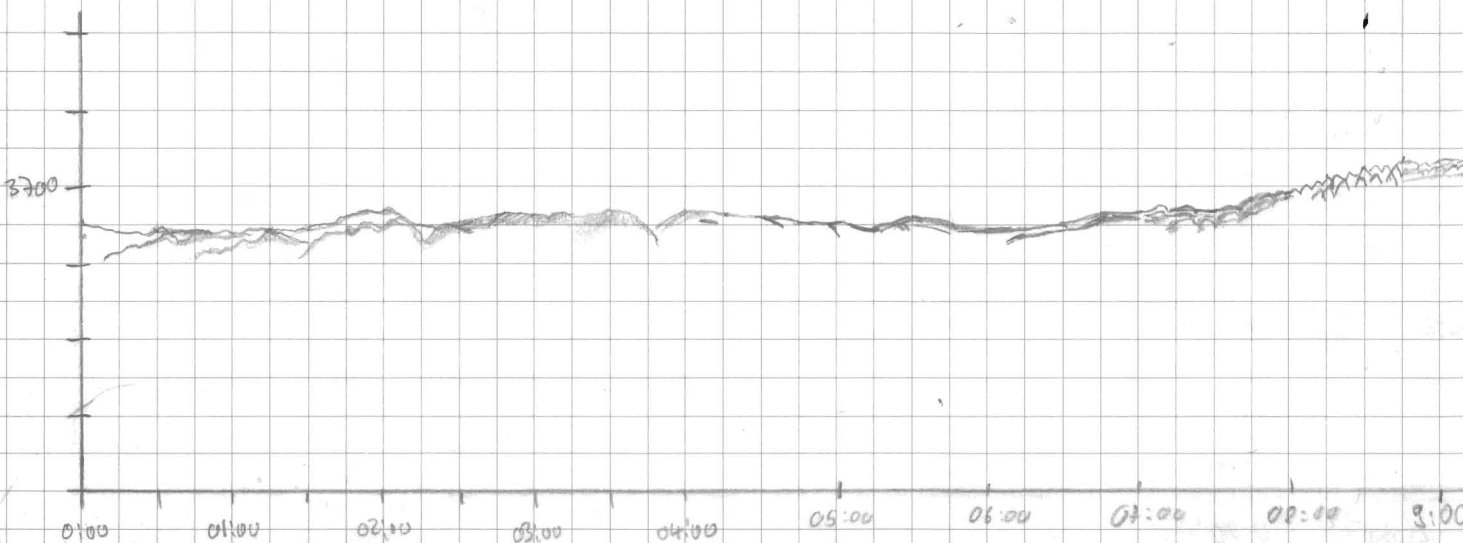
Datum	Zeit UTC	Breite °S	Länge °W	Tiefe PS m	Tiefe HTS m	Geschw. km	Kurs	max. Dppl. mV	Frequ. PS	Pulse	Revol. Length	Wirt. time	Deso Rolle	Tape No.	Wache	Bemerkungen
24.2.97	23:30	70° 21,7	39° 58,5	4085	4044	5,1	183	3600	CT	2	133	7	14	65	Kuhn	
	:45	22,9	58,5	4099	4057	5,2	178	2300	"	"	"	"	"	"	"	
25.2.97	0:00	24,3	58,5	4115	4075	5,3	181	4600	"	"	"	"	"	"	"	
	:15	25,8	58,5	4097	4059	6,3	180	2900	"	"	"	"	"	"	Uchid	
	:30	27,4	58,5	4132	4091	6,2	180	5050	"	"	"	"	"	66	"	0:33 Tape 65 → 66
	:45	29,1	58,5	4125	4087	6,2	181	2500	"	"	"	"	"	"	"	
	01:00	30,6	58,5	4120	4080	6,3	180	3300	"	"	"	"	"	"	"	
	:15	32,2	58,5	4098	4071	6,3	179	5500	"	"	"	"	"	"	"	wieder mehrere Reflektoren
	:30	33,7	58,5	4088	4046	6,4	181	5700	"	"	"	"	"	"	"	
	:45	35,4	58,5	4084	4046	5,7	181	4500	"	"	"	"	"	"	"	
	02:00	36,9	58,5	4080	4036	6,1	180	2800	"	"	"	"	"	"	"	
	:15	38,4	58,5	4065	4024	6,0	179	3900	"	"	"	"	"	"	"	
	:30	39,9	58,5	4051	4018	6,4	179	4300	"	"	"	"	"	"	"	
	:45	41,6	58,5	4039	4010	6,2	177	2800	"	"	"	"	"	"	"	
	03:00	43,1	58,5	4022	3996	6,5	182	3200	"	"	"	"	"	"	"	
	:15	44,7	58,5	4013	3980	6,1	181	2800	"	"	"	"	"	"	"	ET ca 30m
	:30	46,3	58,5	4001	3961	5,6	182	3300	"	"	"	"	15	"	"	Deso Rolle 14 → 15
	:45	47,8	58,5	3990	3954	6,4	180	3300	"	"	"	"	"	"	"	ET ~ 40m
	04:00	49,3	58,5	3979	3936	5,4	179	4000	"	"	"	"	"	"	"	
	:15	50,8	58,5	3970	3929	6,2	182	2800	"	"	"	"	"	"	"	St. Schmelzer
	:30	52,3	58,5	3961	3920	6,1	180	2200-3100	"	"	"	"	"	"	"	
	:45	53,9	58,5	3953	3912	6,4	179	2100-2600	"	"	"	"	"	"	"	
	05:00	55,4	58,5	3943	3902	5,6	179	2200-2800	"	"	"	"	"	"	"	
	:15	56,8	58,6	3935	3890	5,8	184	1500-2600	"	"	"	"	"	"	"	
	:30	58,1	58,6	3924	3887	4,6	176	3000-3200	"	"	"	"	"	"	"	
	:46	59,3	58,5	3919	3872	4,1	175	2800-3200	"	"	"	"	"	"	"	
	06:00	71° 00,2	58,3	3916	3865	4,0	171	1700-2200	"	"	"	"	"	"	"	Wachen mach E aus Eis aus
	:15	00,6	56,3	3916	3866	4,2	190	2700-3000	"	"	"	"	"	"	"	
	:30	00,9	53,6	3919	3864	3,2	102	3000-3500	"	"	"	"	"	"	"	
	:45	01,0	50,7	3937	6161	3,8	95	1400-1600	"	"	"	"	"	"	"	HSTick falsch, Kusandung macht
	07:00	01,5	48,1	3957	3899	5,1	134	3000-3700	"	"	"	"	"	"	"	
	:15	02,6	47,0	3999	3939	5,1	147	2600-3300	"	"	"	"	"	"	"	
	:30	03,9	43,6	3983	3921	6,8	160	2800-2500	"	"	"	"	"	"	"	
	:45	05,2	41,8	3979	3911	5,6	153	2100-2400	"	"	"	"	"	"	"	
	08:00	06,2	39,8	3949	3886	4,9	133	1800-2100	"	"	"	"	"	"	"	
	:15	7,1	39,5	3946	3878	5,6	130	2200	"	"	"	"	"	"	Uchid	
	:30	8,0	33,6	3941	3873	6,1	149	2500	"	"	"	"	"	"	Hilfenbrand ET ~ 20m	
	:45	9,3	32,1	3940	3862	5,0	164	2300	"	"	"	"	"	"	"	
	09:00	10,3	30,7	3937	3857	4,4	146	2500-5400	"	"	"	"	"	"	"	
	:15	11,1	28,8	3918	3837	4,1	125	2100-4200	"	"	"	"	"	"	"	
	:30	11,7	26,0	3911	3833	4,8	124	2500-4100	"	"	"	"	"	"	"	
	:43	12,5	24,0	3929	3849	5,2	145	2200-7300	"	"	"	"	"	"	"	
	10:00	13,7	21,5	3922	3832	5,2	149	1700-2400	"	"	"	"	"	"	"	
	10:15	14,9	19,4	3916	3819	5,0	150	3400-3700	"	"	"	"	"	"	"	



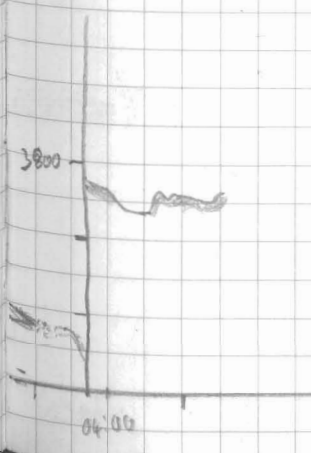
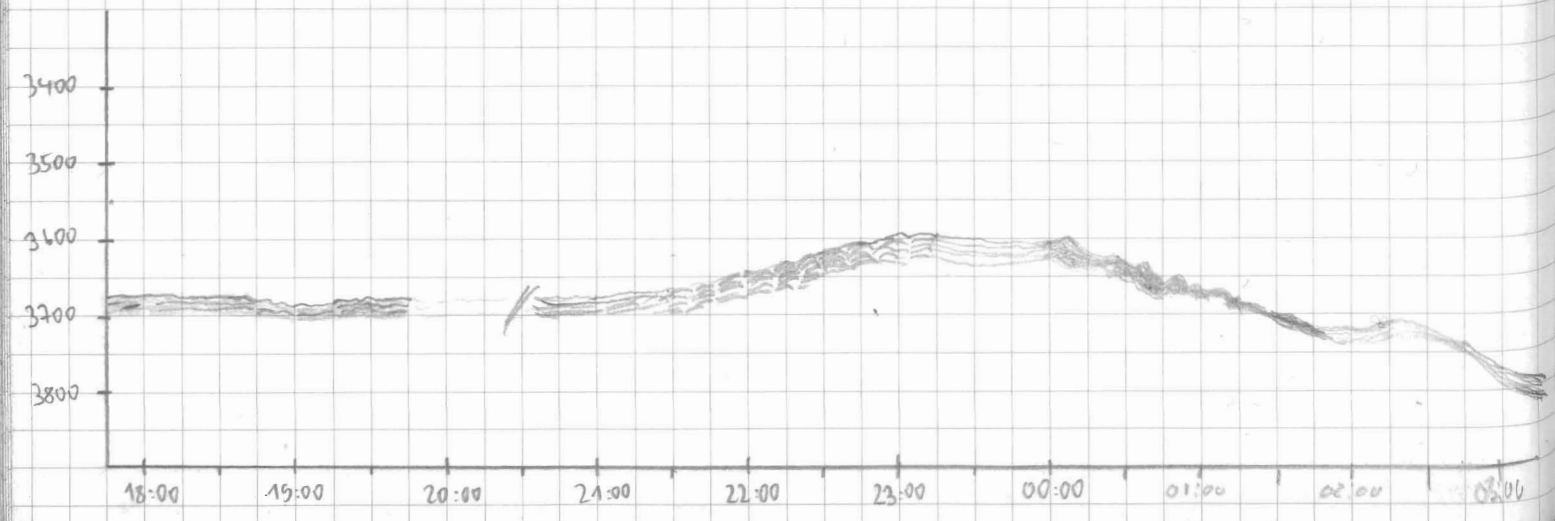
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. [kts]	Kurs [°]	max. Ampl. [mV]	Freq. PS	Pulse	Record length	Wait time	Desa Roll	Temp 10	Wache	Bemerkungen
25/02/97	10:30	71° 15.9	39° 17.7	3896	3806	4.9	152	1800-3000	4	2	133	1	15	66	Hillenbrand	
	10:45	16.9	15.2	3883	3791	5.1	132	2800-4500	"	"	"	"	"	"	"	ET ~ 30m
	11:00	17.7	12.0	3867	3793	5.1	142	2400-4000	"	"	"	"	"	"	"	Sedimentwellen, SE-vergent
	11:15	18.7	09.4	3861	3792	5.0	139	2800-4400	"	"	"	"	"	"	"	
	11:33	19.9	06.3	3842	/	4.5	137	3200-3800	"	"	"	"	"	"	"	
	11:45	20.5	04.1	3839	3762	4.9	124	4000-5000	"	"	"	"	"	"	"	ET ~ 25m, horizontale Reflektoren
	12:00	21.0	01.2	3841	3761	4.8	113	3600-5300	"	"	"	"	"	"	"	
	12:15	21.7'	32° 57.8'	3847	3761	4.6	141	6000-7000	"	"	"	"	"	"	Dükmann	
	12:30	22.6'	55.6'	3871	3792	4.3	130	2200-3800	"	"	"	"	"	"	"	
	12:45	23.2'	53.3'	3866	3791	4.7	130	1600-3000	"	"	"	"	"	"	"	
	13:00	24.4'	51.0'	3851	3769	5.7	154	2500-3800	"	"	"	"	"	"	"	
	13:15	25.2'	48.6'	3845	3766	6.2	148	1800-3200	"	"	"	"	"	"	"	
	13:30	26.9'	46.6'	3844	3764	6.2	151	600-1500	"	"	"	"	"	"	"	Eindringtiefe < 5m
	13:45	28.2'	44.4'	3850	3759	5.2	156	1100-3000	"	"	"	"	"	"	"	
	14:00	30.5'	39.1'	3858	3785	5.5	142	1400-2200	"	"	"	"	"	"	"	
	14:15	31.6'	36.4'	3854	3782	6.2	148	1200-2400	"	"	"	"	"	"	"	Eindringtiefe < 10m
	14:30	32.9'	34.5'	3843	3774	5.8	178	1600-3600	"	"	"	"	"	"	"	Rutschmassen
	14:45	34.4'	33.6'	3833	3761	5.9	166	1800-2800	"	"	"	"	"	"	"	
	15:00	35.2'	32.4'	3818	3754	5.9	162	2700-3600	"	"	"	"	"	"	"	
	15:15	37.2'	32.3'	3804	3746	5.7	174	2500-5300	"	"	"	"	"	"	"	
	15:30	38.5'	38.3'	3794	3736	4.3	176	1600-4900	"	"	"	"	"	"	"	
	16:00	71° 39.7	38° 30.1	3781	3722	4.4	162	1600-3000	"	"	"	"	"	"	Thalman	
	16:15	40.6	29.2	3772	3712	4.0	169	1300-4400	"	"	"	"	"	"	"	
	16:30	41.5	28.0	3766	3705	3.9	155	1200-2200	"	"	"	"	"	"	"	
	16:45	42.2	26.8	3758	3699	3.6	140	1000-3000	"	"	"	"	"	"	"	
	17:00	42.7	26.1	3754	3695	1.3	143	1300-1600	"	"	"	"	"	"	"	Rutschmassen
	17:15	42.9	25.2	3750	3692	0.7	79	1000-1500	"	"	"	"	"	"	"	
	20:15	40.7	15.9	3782	3723	4.1	64	2700	"	"	"	"	16	"	Station Mac	Desa getauscht
	30	40.3	13.4	3787	3726	3.2	81	4500	"	"	"	"	"	"	16	
	45	40.4	10.9	3790	3730	5.4	136	5500	"	"	"	"	"	67	"	Bandwechsel 66-67
	21:00	41.4	8.0	3793	3727	5.7	140	4200	"	"	"	"	"	"	"	
	15	42.4	5.4	3787	3715	5.3	132	2200	"	"	"	"	"	"	"	
	32	43.3	1.7	3785	3712	5.2	132	1900	"	"	"	"	"	"	"	Debris flow
	45	44.1	37° 59.2'	3782	3707	5.2	136	3300	"	"	"	"	"	"	"	
	22:00	45.0	56.2	3784	3711	5.3	137	2100	"	"	"	"	"	"	"	
	16	45.9	53.0	3779	3700	5.1	130	2700	"	"	"	"	"	"	"	
	30	46.7	50.0	3777	3693	4.6	128	6300	"	"	"	"	"	"	"	
	45	47.4	46.8	3764	3687	5.0	130	5900	"	"	"	"	"	"	"	
	23:00	48.0	43.7	3761	3683	5.3	109	2600	"	"	"	"	"	"	"	
	15	48.4	39.8	3760	3675	3.4	105	2400	"	"	"	"	"	"	"	
	30	48.9	35.9	3758	3668	4.3	109	3700	"	"	"	"	"	"	"	Debris flow
	45	49.6	32.0	3757	3670	4.4	127	3000	"	"	"	"	"	"	"	



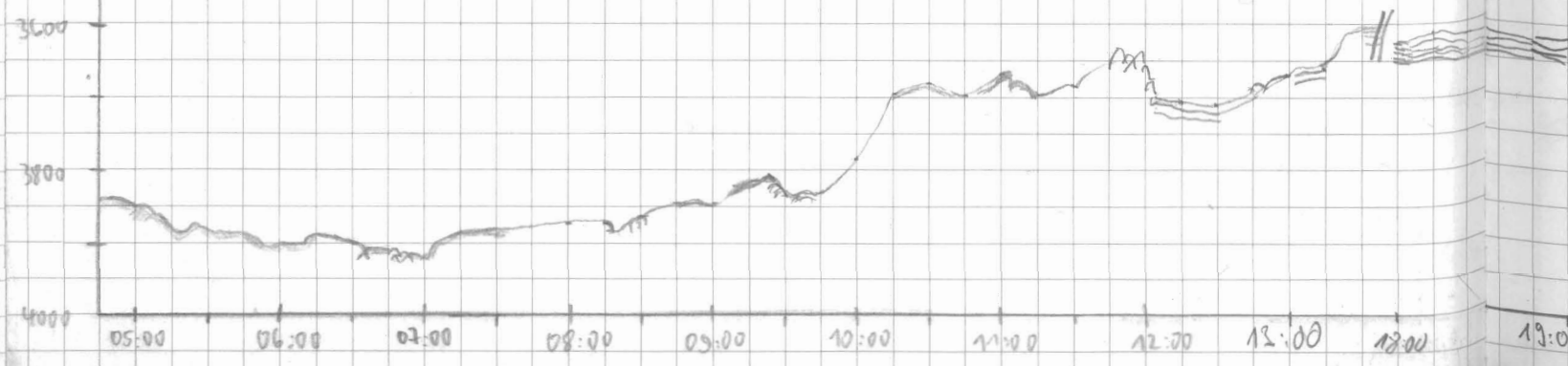
Datum	Zeit [UTC]	Breite S'	Länge W'	Tiefe PS (m)	Tiefe HS (m)	Ges. Sw. [km]	Kurs [°]	Max. Amp. [mV]	Freq. PS	Pulse	Record Length	Wait time	Deso Rolle	Tape No.	Wache	Bemerkungen
26/02/97	00:100	71° 50,3	37° 29,3	3753	3666	5,2	129	3200	4	2	133	1	16	67	Uster	
	15	51,5	26,7	3758	3671	5,0	156	1700	"	"	"	"	"	"	"	2. Reflektor wird stärker
	20	52,4	25,3	3762	3677	5,7	154	2800	"	"	"	"	"	"	"	
	45	53,8	22,7	3764	3684	5,5	147	3700	"	"	"	"	"	"	"	
	01:00	55,0	20,1	3763	3683	5,7	146	3400	"	"	"	"	"	"	"	
	15	56,1	17,3	3760	3679	6,6	136	2500	"	"	"	"	"	"	"	
	30	57,2	14,2	3754	3675	5,2	136	3600	"	"	"	"	"	"	"	
	45	58,2	11,0	3746	3661	5,8	138	2100	"	"	"	"	"	"	"	
	02:00	59,2	8,2	3745	3649	5,8	137	2000	"	"	"	"	"	"	"	
	15	72° 00,3	4,5	3750	3663	5,7	126	2300	"	"	"	"	"	"	"	
	30	1,1	1,1	3751	3664	6,0	125	3400	"	"	"	"	"	"	"	
	45	1,9	36° 57,1	3742	3659	5,6	128	2200	"	"	"	"	"	"	"	
	03:00	2,6	52,8	3743	3658	6,0	111	3900	"	"	"	"	"	"	"	
	15	3,3	48,9	3742	3656	5,5	115	3700	"	"	"	"	"	"	"	
	30	4,0	45,0	3737	3648	5,7	125	3600	"	"	"	"	"	"	"	
	45	4,9	41,2	3752	3659	5,7	129	5300	"	"	"	"	"	"	"	
	04:00	05,8	37,6	3729	3641	5,5	129	5100	"	"	"	"	"	"	St. Schmidt	
	15	06,5	34,6	3727	3644	5,7	122	2100	"	"	"	"	"	"	"	
	30	07,3	29,9	3742	3650	5,9	113	23000	"	"	"	"	"	"	"	
	45	07,9	25,6	3749	3660	7,0	113	4200	"	"	"	"	"	"	"	
	05:00	08,7	22,0	3752	3661	5,8	137	2300	"	"	"	"	"	"	"	
	15	09,6	18,6	3755	3668	5,4	129	2000	"	"	"	"	"	"	"	
	30	10,5	15,0	3745	3664	5,8	137	4400	"	"	"	"	"	"	"	
	45	11,4	11,6	3751	3673	5,4	137	3500	"	"	"	"	"	"	"	
	06:00	12,4	08,5	3752	3669	5,5	143	3100	"	"	"	"	"	"	"	
	15	13,6	06,1	3751	3668	5,3	152	3000	"	"	"	"	"	"	"	
	30	14,8	04,1	3747	3654	5,5	159	2600	"	"	"	"	"	"	"	
	45	16,0	02,1	3739	3651	5,7	154	3700	"	"	"	"	"	"	"	
	07:00	17,3	36° 00,0	3737	3646	5,5	154	3600	"	"	"	"	"	"	"	
	15	18,4	58,0	3727	3636	5,5	139	4100	"	"	"	"	"	"	"	ET ca. 25 m
	30	19,4	54,7	3732	3664	5,3	135	1300	"	"	"	"	"	"	"	
	45	20,3	51,7	3716	3631	5,4	130	6600	"	"	"	"	"	"	"	
	08:00	21,3	47,9	3705	3624	4,8	141	1700	"	"	"	"	"	"	"	
	15	22,4	45,4	3689	3611	5,0	142	2400-2900	"	"	"	"	"	"	Dukmann	
	30	23,5	43,1	3676	3583	5,7	144	1500-5000	"	"	"	"	"	"	"	
	45	24,5	40,3	3665	-	4,9	141	1000-4000	"	"	"	"	"	"	"	
	9:15	25,4	35,0	3658	3575	3,0	114	3200	"	"	"	"	"	"	"	
	30	25,5	33,7	3657	3575	1,1	106	~1800	"	"	"	"	"	"	"	
	45	26,3	35,3	3650	3566	6,4	220		"	"	"	"	"	"	"	
	13:36	25,0	39,9	3660	3577	0,8	348	3300	X	X	"	0	"	"	Kühler	Frequenztest Station PS2816



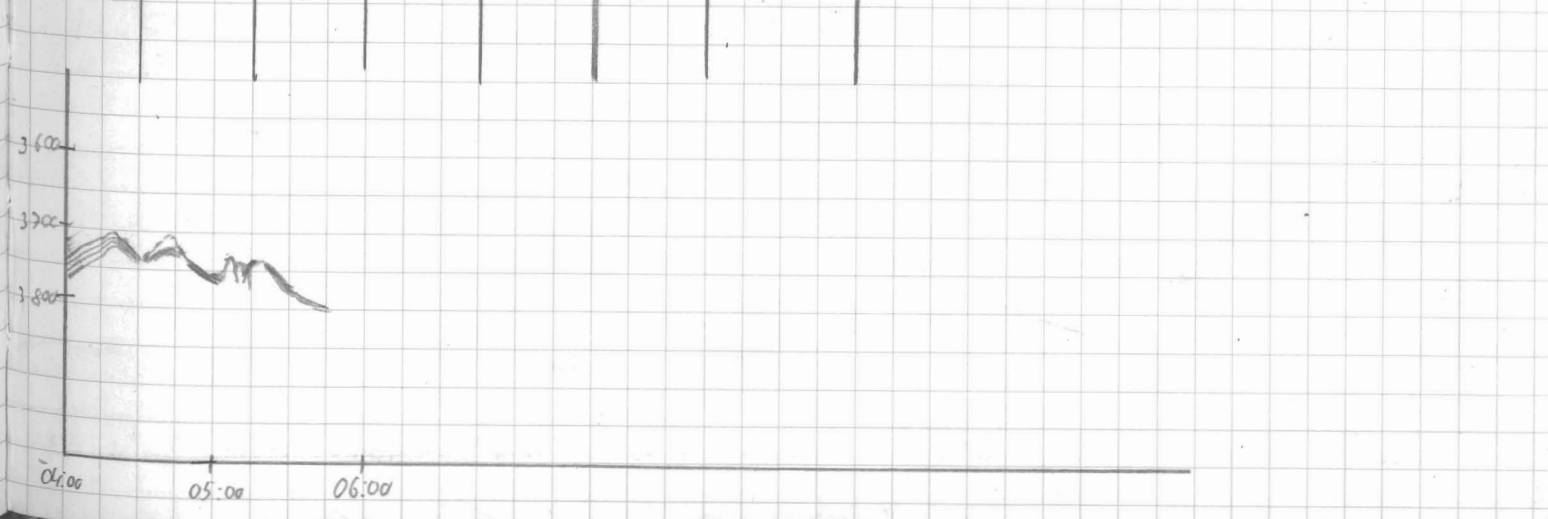
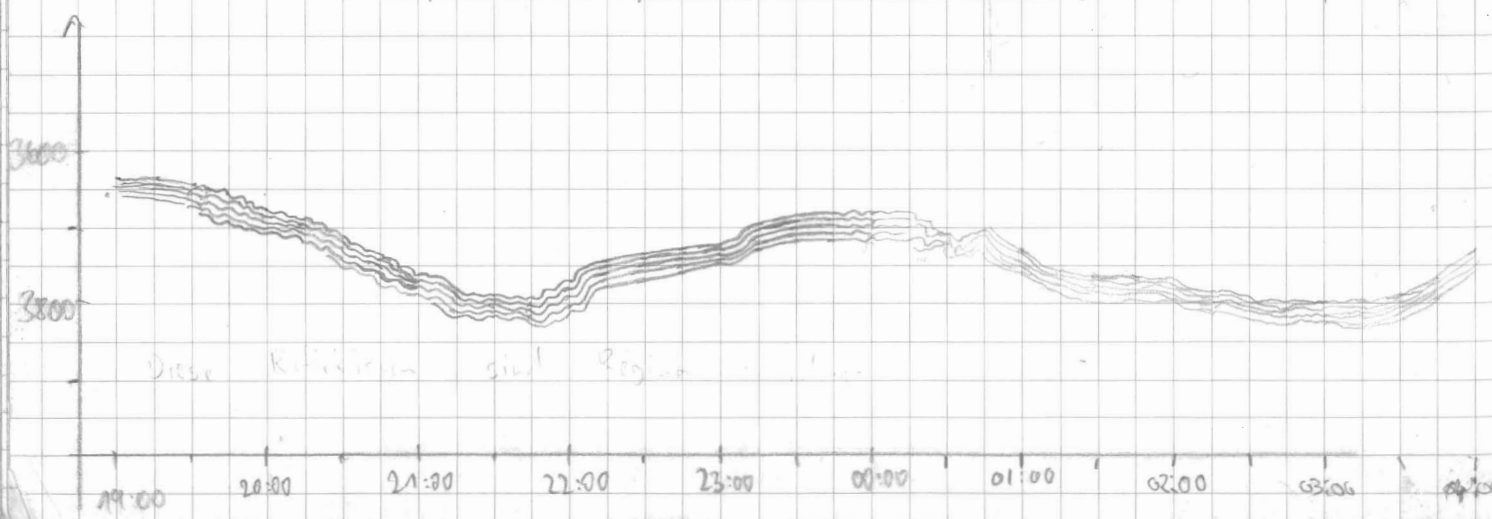
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. [km]	Kurs [°]	max. Ampl. [mV]	Freq. PS	Pulse	Record length	Wait time	Deso Rolle	Tapo No.	Wache	Bemerkungen	
26/02/97	17:45	72° 23,5	35° 43,3	3675	3588	3,3	113	1900-2300	4	2	133	1	16	67	Hillenbrand	ET ~ 35m	
	18:00	23,5	41,7	3677	3592	2,6	83	2400-4700	"	"	"	"	"	"	"	18:05h: "Polavstem" stoppt Wait Time → 20	
	18:45	22,8	40,4	3681	3593	5,9	53	2200-3200	"	"	"	"	"	"	"	18:45h: Weiterfahrt Wait Time → 1,0	
	19:00	22,1	37,0	3693	3600	6,7	76	1200-1600	"	1	"	"	"	"	"	Eisfahrt	
	19:15	22,4	35,2	3690	3608	5,1	118	1500-4200	"	"	"	"	"	"	"	"	
	19:30	23,0	29,3	3686	3588	7,2	108	2100-4700	"	"	"	"	"	"	"	"	
	19:45	23,8	24,7	3678	3597	2,7	121	2700-3500	"	"	"	"	"	"	"	"	19:50h: "Polavstem" stoppt Wait Time → 20
	20:00	23,4	23,9	3681	3925	3,7	111	3200	"	"	"	"	"	"	Kulm	Papiergeschw. → 1:50.000	
	21:00	23,9	20,2	3676	3595	4,0	113	3900	"	"	"	"	"	"	"	"	
	15	24,4	16,8	3673	-	4,7	120	3400	"	"	"	"	"	"	"	"	
	30	25,1	13,1	3665	3581	5,7	120	3400	"	"	"	"	"	"	"	"	
	45	25,6	8,7	3657	3578	6,7	110	4000	"	"	"	"	"	"	"	"	muld waves
	22:00	26,2	4,2	3645	3560	5,8	113	4200	"	"	"	"	"	"	"	"	
	15	26,7	3500,0	-	-	5,4	116	690	"	"	"	"	"	68	"	"	Eis, Bondwechsel 67-68
	30	27,1	34° 55,9	3621	-	6,0	119	3200	"	"	"	"	"	"	"	"	
	45	27,8	51,5	3606	3517	5,2	116	3100	"	"	"	"	"	"	st. Schumacher	schöne muld waves	
	23:00	28,7	49,8	3592	3503	5,5	115	4600	"	"	"	"	"	"	Kulm		
	15	29,0	45,0	3591	3492	4,8	79	3800	"	"	"	"	"	"	"	"	
	30	28,7	40,9	3599	3506	5,4	79	3500	"	"	"	"	"	"	"	"	
	45	28,3	36,7	3606	3514	5,6	72	-	"	"	"	"	"	"	"	"	
27/02/97	00:00	28,1	32,6	3609	3516	5,0	102	3000	"	"	"	"	"	"	Uhr 2		
	15	29,2	31,3	3614	3522	5,6	142	1300	"	"	"	"	"	"	"	"	
	30	29,2	27,1	3645	3545	6,0	93	3600	"	"	"	"	"	"	"	"	
	45	28,4	22,9	3658	3565	4,3	70	1600	"	"	"	"	"	"	"	"	
	01:00	28,6	18,8	3670	3572	5,0	73	4600	"	"	"	"	"	"	"	"	
	15	28,5	14,7	3683	3585	5,3	78	2200	"	"	"	"	"	"	"	"	
	30	28,3	10,1	3705	3603	3,9	138	4900	"	"	"	"	"	"	"	"	
	45	29,1	10,0	3721	3620	2,8	139	3700	"	"	"	"	"	"	"	"	
	02:00	29,4	8,2	3733	3634	2,2	113	4800	"	"	"	"	"	"	"	"	
	15	29,4	7,9	3725	3626	1,7	200	3200	"	"	"	"	"	"	"	"	
	30	30,2	7,1	3715	3614	3,4	52	8000	"	"	"	"	"	"	"	"	ET ~ 40m
	45	29,0	4,2	3742	3646	6,6	66	3200	"	"	"	"	"	"	"	"	
03:00	28,4	0,8	3768	3665	5,7	80	6500	"	"	"	"	"	"	"	"		
15	28,0	33° 56,8	3783	3680	5,4	76	4000	"	"	"	"	"	"	"	"		
30	27,7	52,5	3787	3686	6,2	88	1700	"	"	"	"	"	"	"	"		
45	27,5	47,9	3781	3690	5,4	78	1100	"	"	"	"	"	"	"	"		
04:00	27,6	44,0	3833	3729	5,1	97	1700	"	"	"	"	"	"	"	"		
15	27,7	39,4	3861	3756	5,6	97	4000-8800	"	"	"	"	"	"	"	"		
30	27,6	35,0	3844	3741	5,7	16	2900-4700	"	"	"	"	"	"	"	"		



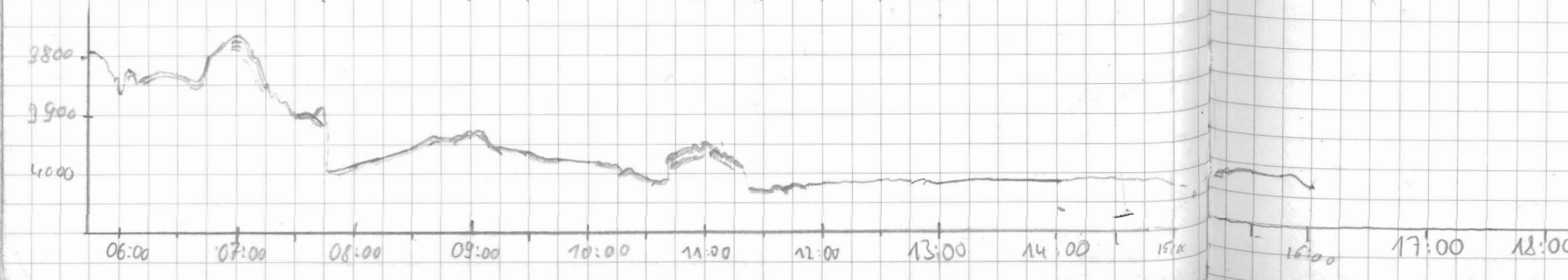
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Spd [kn]	Kurs [°]	Max. Ang. [mV]	Freq PS	Reise	Recond Length	Wait Time	Deso Pol (s)	Tag No	Wache	Bemerkungen
22.10.1977	04:45	72° 27,1	33° 30,8	3861	3760	6,4	890	6000-7600	4	2	133	7	16	68	Hilfenstand	ET ~ 15m
	05:00	27,0	26,6	3864	3765	4,4	79	4500-6100	"	"	"	"	"	"	"	"
	05:15	26,9	21,9	3887	3787	6,0	80	2600-3800	"	"	"	"	"	"	"	"
	05:30	26,8	17,6	3890	3783	5,1	87	1800-5200	"	"	"	"	"	"	"	"
	05:45	26,7	13,2	3893	3787	5,9	86	1000-3400	"	"	"	"	"	"	"	ET ~ 10m
	06:00	26,7	08,5	3900	3799	6,0	97	1500-2800	"	"	"	"	"	"	"	ET ~ 5m
	06:15	27,0	04,2	3891	3789	6,1	110	1800-2800	"	"	"	"	"	"	"	Rutschmassen
	06:30	27,3	32° 59,5	3896	3795	6,5	117	2400-3200	"	"	"	"	"	"	"	"
	06:45	28,3	57,2	3905	3802	4,3	154	2500-4900	"	"	"	"	"	"	"	"
	07:00	29,4	55,8	3906	3807	5,9	231	800-2300	"	"	"	"	"	"	"	"
	07:15	30,1	33° 00,2	3890	3788	6,8	245	7100-10200	"	"	"	"	"	"	"	"
	07:30	30,4	05,5	3887	3784	6,8	251	2900-4800	"	"	"	"	"	"	"	"
	07:45	30,7	10,3	3882	3782	5,4	249	1100-3600	"	"	"	"	"	"	"	"
	08:00	31,3	14,3	3871	3771	6,7	280	2400-3100	"	"	"	"	"	"	"	"
	08:15	31,9	18,1	3873	3770	7,6	289	1700-2900	"	"	"	"	"	"	"	"
	08:30	31,3	22,8	3864	3764	6,5	276	1400-2800	"	"	"	"	"	"	"	kleine Mudwale
	08:45	31,2	28,5	3850	3752	6,6	272	1300-1500	"	"	"	"	"	"	"	"
	09:00	31,2	33,6	3861,8	3756	5,3	264	2500-3400	"	"	"	"	"	"	"	ET ~ 10m
	09:14	31,1	39,1	3820	3712	5,6	277		"	"	"	"	"	"	"	"
	09:30	30,8	42,4	3812	3728	5,6	289	3500	"	"	"	"	"	"	"	"
	09:45	30,3	47,2	3834	2742	7,3	272	3600-4200	"	"	"	"	"	"	"	ET < 10m
	10:00	30,1	50,9	3780	3699	2,0	289	1000-1200	"	"	"	"	"	"	"	"
	10:15	29,5	54,7	3697	3673	5,5	290	1000	"	"	"	"	"	"	"	"Stromling" wird eingeholt
	10:30	29,3	57,1	3679	3679	1,8	249	600	"	"	"	"	"	"	"	"
	10:45	29,5	59,4	3692	3615	1,3	173	1500-1800	"	"	"	"	"	"	"	"
	11:00	30,1	34° 06,0	3665	3586	2,9	204	2700	"	"	"	"	"	"	"	"
	11:15	30,4	01,9	3692	3605	3,5	234	700-1600	"	"	"	"	"	"	"	"
	11:30	30,7	03,7	3680	3600	2,8	272	1100-	"	"	"	"	"	"	"	"
	11:45	31,1	06,9	3652	3575	4,9	258	2400-2800	"	"	"	"	"	"	"	"
	12:00	31,5	08,4	3679	3536	3,1	33	1000-1200	"	"	"	"	"	"	"	"
	12:15	31,0	11,3	3707	3622	4,2	310	1200-2800	"	"	"	"	"	"	"	"
	12:30	29,9	13,9	3711	3623	6,6	40	~2500	"	"	"	"	"	"	"	Eindringtiefe 20m
	12:45	29,2	14,8	3637	3611	3,4	268	1200-2000	"	"	"	"	"	"	"	"
	13:00	29,4	20,6	3668	3583	3,0	262	1000-2500	"	"	"	"	"	"	"	"
	13:15	29,1	24,2	3653	3570	6,4	266	~3500	"	"	"	"	"	"	"	"
	13:30	28,6	28,7	3604	3524	2,4	232	3000-4500	"	"	"	"	"	"	"	"
	14:19	28,1	29,4	3611	3530	0,8	356	2500	X	X	"	0	"	"	"	Ab 13:30 Station
	17:52	26,0	28,1	3633	3555	0,8	344	3300	4	2	"	1	"	"	"	Frequenz 14:37 SL am Grund
	18:00	26,1	27,6	3635	3552	4,2	148	3548	"	"	"	"	"	"	"	"
	18:15	26,2	27,4	3632	3551	3,4	144	2322	"	"	"	"	"	"	"	"
	18:30	26,3	24,3	3633	3550	4,5	80	3772	"	"	"	"	"	"	"	"
	18:45	26,3	21,1	3632	3549	4,7	95	3542	"	"	"	"	"	"	"	"
	19:00	26,7	18,4	3631	3544	5,7	97	1571	"	"	"	"	"	"	"	"



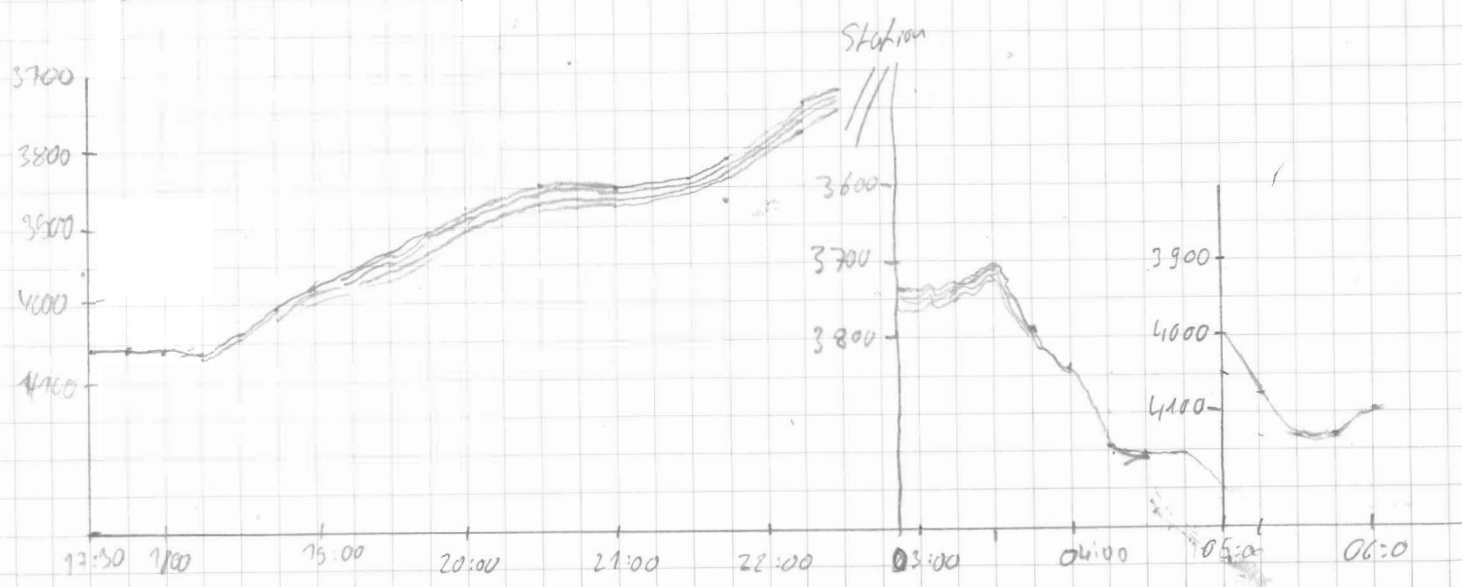
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. (km)	Kurs (°)	max. Amplitude mV	Freq PS	Pulse	Record Length	wait Time	Deso Rolle	Tape No	Wache	Bemerkung	
27.07.97	19:15	22° 26,08	34° 16,06	3633	3597	3,8	340	4200	"	"	"	"	"	"	Hendel	Sedimentwellen, ET ~ 45m	
	19:20	25,7	16,3	3644	3559	3,6	337	4600	"	"	"	"	"	"			
	19:45	24,7	15,4	3654	-	5,2	44		"	"	"	"	"	"			
	20:00	23,3	14,7	3671	3588	8,5	348	2300	4	2	133	1	16	69			
	20:15	21,4	16,6	3697	3612	8,3	330	3000	"	"	"	"	"	"			Hillenband
	20:30	19,5	18,2	3719	3631	8,8	347	5000	"	"	"	"	"	"			"
	20:45	17,7	18,2	3741	3646	8,2	37	4500	"	"	"	"	"	"			"
	21:00	15,9	15,7	3763	3671	7,2	4	2800	"	"	"	"	"	"			"
	21:16	14,0	15,8	3783	3692	5,2	349	2700	"	"	"	"	"	"			"
	21:30	13,3	13,7	3792	3699	6,9	109	3500	"	"	"	"	"	"			"
	21:45	13,4	07,6	3787	3700	5,0	89	1200	"	"	"	"	"	"			"
	22:00	14,1	05,4	3764	3678	5,8	176	2500	"	"	"	"	"	"			"
	22:15	15,5	04,8	3745	3656	9,2	178	4200	"	"	"	"	"	"			"
	22:30	16,5	04,9	3738	3656	3,3	178	3100	"	"	"	"	"	"			"
	22:45	17,9	05,1	3728	3646	6,3	184	3800	"	"	"	"	"	"			"
	23:00	19,4	05,2	3719	3640	6,8	182	3000	"	"	"	"	"	"			"
	23:16	21,1	04,9	3697	3619	6,6	179	oh-wim-oh-veh	"	"	"	"	"	"			"
	23:30	22,4	05,1	3682	3593	3,3	175	2400	"	"	"	"	"	"			"
	23:45	22,5	05,1	3680	3602	0,8	161	3100	"	"	"	"	"	"			"
	28.02.97	00:00	22,7	02,2	3678	3597	5,1	75	1600	"	"	"	"	"			"
01:15		22,4	33° 57,2	3659	3582	6,5	125	3800	"	"	"	"	"	"	Upland		
01:30		21,8	54,4	3647	3616	5,7	358	1600	"	"	"	"	"	"	"		
01:45		20,7	54,5	3675	3598	4,7	7,0	3012	"	"	"	"	"	"	"		
01:00		19,8	54,3	3687	3607	4,4	350	3500	"	"	"	"	"	"	"		
01:15		18,6	54,8	3704	3625	5,0	359	3400	"	"	"	"	"	"	"		
01:30		17,1	54,9	3717	3638	5,4	13,4	3600	"	"	"	"	"	"	"		
01:45		15,3	54,3	3740	3659	7,7	356	2600	"	"	"	"	"	"	"		
02:00		13,5	54,1	3754	3671	7,5	1,0		"	"	"	"	"	"	"		
02:15		11,6	54,1	3778	3694	7,3	1,1	5300	"	"	"	"	"	"	"		
02:29		10,3	54,1	3786	3691	5,4	358	2900	"	"	"	"	"	"	"		
02:45		9,1	53,3	3799	3714	5,5	84	8000	"	"	"	"	"	"	"		
03:00		9,0	47,8	3795	3706	7,6	89	4200	"	"	"	"	"	"	"		
03:15		9,2	43,1	3796	3710	5,8	163	4300	"	"	"	"	"	"	"		
03:30		10,3	43,0	3788	3699	5,9	184	3000	"	"	"	"	"	"	"		
03:45		11,9	43,0	3764	3678	7,1	181	1800	"	"	"	"	"	"	"		
04:00		13,7	43,0	3739	3651	7,6	179	3300-3900	"	"	"	"	"	"	"		
04:15		15,5	43,0	3719	3630	7,5	179	1800-2000	"	"	"	"	"	"	"		
04:30		17,1	42,9	3733	3643	7,4	163	1200-1700	"	"	"	"	"	"	"		
04:45		18,1	42,2	3719	3642	9,4	184	1300-1800	"	"	"	"	"	"	"		
05:00	19,6	42,9	3759	3667	6,1	189	600-1000	"	"	"	"	"	"	"			
05:15	20,9	42,9	3746	3650	5,4	182	2300-4300	"	"	"	"	"	"	"			
05:30	21,1	39,3	3720	3678	4,9	84	4300-5100	"	"	"	"	"	"	"			
05:45	21,3	34,3	3797	3705	4,8	89	1700-1500	"	"	"	"	"	"	"			



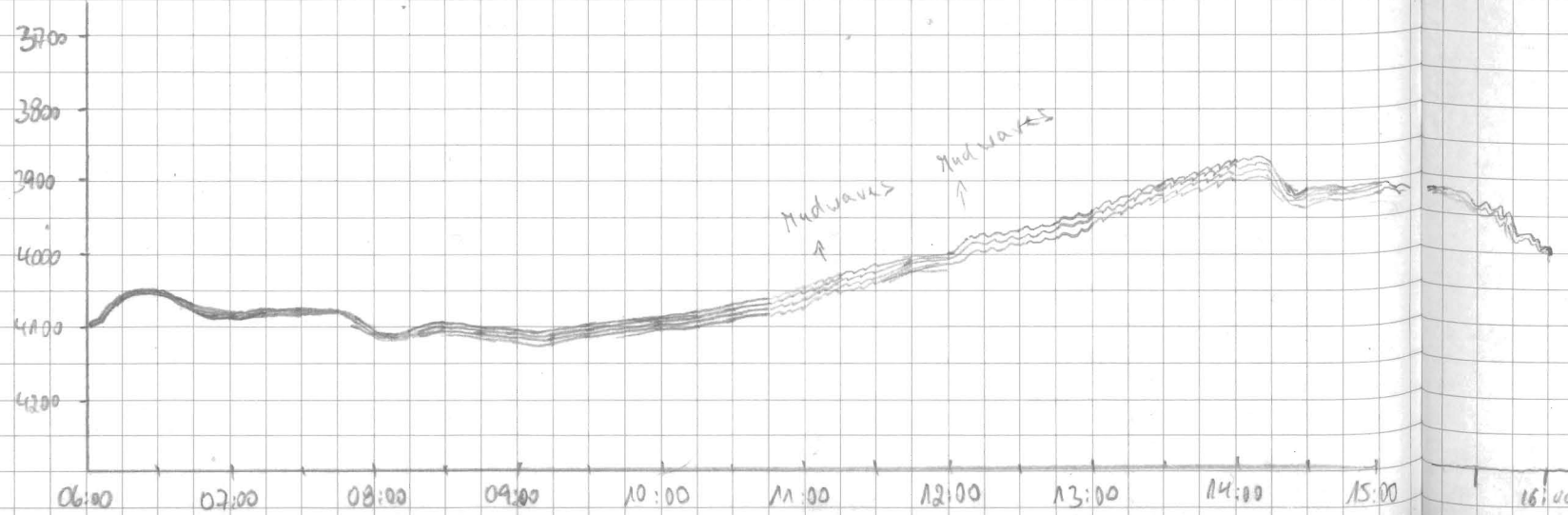
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. [km/h]	Kurs [°]	max. Ampl. [cm V]	Freq.	Pulse PS	Record Length	Wait time	Deso Rolle	Tape No	Wacht	Bemerkungen
28.02.97	06:00	72° 20,6	33° 30,9	3868	3762	8,0	14	2400-3500	4	2	183	1	16	69	St. Schumacher	
	06:15	18,8	30,0	8844	3752	6,6	355	1700-2100	"	"	"	"	"	"	"	
	06:30	17,2	30,3	3834	3736	7,2	359	5200-5300	"	"	"	"	"	"	"	
	06:45	15,0	30,5	3802	3722	8,5	359	2900	"	"	"	"	"	"	"	
	07:00	12,9	30,5	3768	3673	7,8	20	2300-2600	"	"	"	"	"	"	"	
	07:15	12,8	24,9	3857	3763	8,1	89	1100-3800	"	"	"	"	"	"	"	
	07:30	12,9	19,2	3911	3802	5,3	121	2500-2900	"	"	"	"	"	"	"	
	07:45	14,8	18,5	—	3849	8,0	161	1300	"	"	"	"	"	"	"	
	08:00	15,9	17,6	3983	3864	5,8	181	1400-1800	"	"	"	"	"	"	"	
	08:15	17,4	17,9	3963	3852	6,1	176	1500-2700	"	"	"	"	"	"	H. Heubner	ET ~ 8m
	08:35	19,3	18,6	3953	3840	6,5	188	3500-7000	"	"	"	"	"	"	"	
	08:45	19,9	16,5	3943	3830	7,5	88	2700-9600	"	"	"	"	17	"	"	08:38 L: Deso-Rolle N. 16 gg. N. 17
	09:00	19,6	11,0	3933	3822	7,0	80	4000-6100	"	"	"	"	"	"	"	ausgetauscht
	09:15	18,7	08,4	3951	3839	6,0	1,5	3000-4600	"	"	"	"	"	"	"	Rutschmassen, ET ~ 5m
	09:30	17,2	08,6	3960	3850	4,5	351	1700-2600	"	"	"	"	"	"	"	"
	09:45	15,9	08,8	3973	3864	5,8	358	3300-5700	"	"	"	"	"	"	"	ET ~ 10m
	10:00	14,8	09,2	3980	3873	4,5	355	6300-7000	"	"	"	"	"	"	"	
	10:15	13,1	10,4	3952	3887	6,6	341	2500-3100	"	"	"	"	"	"	"	
	10:30	11,8	12,4	4016	3913	6,3	336	2600-4200	"	"	"	"	"	"	"	
	10:45	10,8	14,2	3959	/	4,7	13	700-2600	"	"	"	"	"	"	"	
	11:00	09,3	14,6	3945	3854	7,3	20	600-1100	"	"	"	"	"	"	"	
	11:15	07,9	11,9	3971	3878	6,6	44	900-3100	"	"	"	"	"	"	"	
	11:32	06,9	08,1	4038	3932	5,9	97	5000-7500	"	"	"	"	"	"	"	
	11:45	07,1	03,9	4020	3919	5,7	97	2500-3000	"	"	"	"	"	"	"	Rutschmassen
	12:00	07,2'	32° 59,2'	4018	3915	7,9	103	3200-4200	"	"	"	"	"	"	Dickmann	
	12:15	07,2'	53,5'	4020	3917	7,9	120	1900-3800	"	"	"	"	"	"	"	
	12:30	08,6'	47,3'	4013	3917	8,4	108	1900-4400	"	"	"	"	"	"	"	Tapewechsel: 12:40 Uhr
	12:45	09,5'	42,1'	4015	3934	5,8	128	1900-3100	"	"	"	"	"	70	"	
	13:00	10,1'	39,5'	4019	3925	2,4	125	2400-3200	"	"	"	"	"	"	"	
	13:17	10,8'	36,8	4007	3914	3,4	119	2200-3000	"	"	"	"	"	"	"	
	13:33	11,4'	33,3'	4009	3915	5,4	113	1700-3300	"	"	"	"	"	"	"	
	13:45	11,7'	30,8'	4010	3918	3,9	112	2900-3300	"	"	"	"	"	"	"	
	14:00	11,7'	28,3'	4015	3920	5,5	102	1600-3000	"	"	"	"	"	"	"	
	14:15	11,8'	25,2'	4016	3923	4,8	104	1900-3000	"	"	"	"	"	"	"	
	14:33	12,0'	24,2'	4018	3921	2,1	311	~ 1000	"	"	"	"	"	"	"	
	14:45	11,9	24,4	4018	3922	1,9	59	1900	"	"	"	"	"	"	"	
	15:00	11,2	22,2	4024	3849	2,5	46	1000	"	"	"	"	"	"	"	
	15:15	10,7'	19,6'	4025	3930	6,4	106	2800-4200	"	"	"	"	"	"	"	
	15:30	10,4'	16,8'	4018	3926	5,8	40	1100	"	"	"	"	"	"	"	
	15:45	09,6'	16,4'	4020	3928	3,0	340	1400-2000	"	"	"	"	"	"	"	
	16:00	08,6'	18,3'	4035	3939	6,8	332	2800-4100	"	"	"	"	"	"	"	
	16:15	7,5	21,1	4037	3944	7,3	322	2200-4100	"	"	"	"	"	"	Boris	
	:30	6,1	24,4	4043	3948	6,7	342	2800-5200	"	"	"	"	"	"	"	
	:45	4,3	25,1	4052	3943	6,3	23,5	2900	"	"	"	"	"	"	"	
	17:00	3,3	21,7	3243	5822(?)	5,5	40,1	1900	"	"	"	"	"	"	"	
	:15	2,0	19,8	4059	3959	3,1	51,8	2273	"	"	"	"	"	"	"	



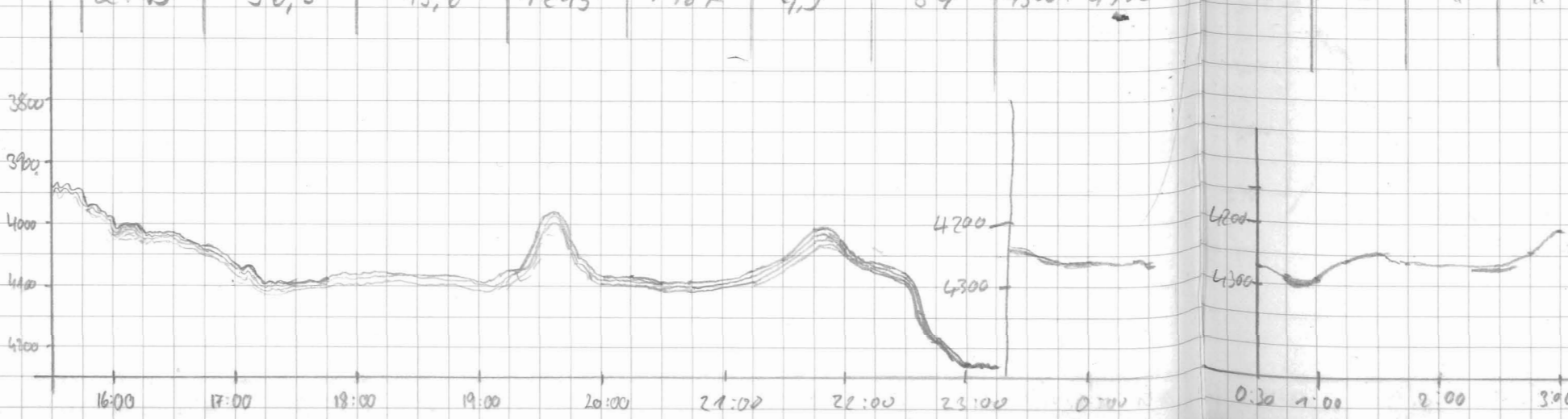
Datum	Zeit	Brink S	länge W	Tief PS	Tief HS	Geschw. (km)	Kurs (°)	Max. Amplitude (mV)	Freq	Pulse PS	Rec. Length	Wirt. Time	DESO- Rolle	Tape No.	Wache	Bemerkungen
28.02.97	17:30	72°00,9'	32°15,6'	4066	4027	6,4	53,9	1100-2300	4	2	133	1	17	70	Boris	
	:45	72°59,9'	11,1	4064	3969	6,5	58,2	2800	"	"	"	"	"	"	"	"
	18:00	59,2	05,2	4065	3970	8,2	91,7	2400	"	"	"	"	"	6	"	"
	18:15	59,8	37°58,6'	4077	3980	8,1	89,8	1300-1300	"	"	"	"	"	"	"	Ruelberg
	18:24	59,8	50,5	4040	3951	7,9	102,0	5000-4800	"	"	"	"	"	"	"	"
	18:45	71'00,1	45,5	4070	3925	7,7	105,6	2500-4100	"	"	"	"	"	"	"	"
	19:00	00,5	40,0	3983	3899	7,4	99,1	2000-2100	"	"	"	"	"	"	"	"
	19:15	00,9	34,5	3961	3883	7,7	102,0	2000-3200	"	"	"	"	"	"	"	"
	19:30	01,2	28,1	3936	3859	8,1	97,4	2500-3400	"	"	"	"	"	"	"	"
	19:45	01,8	21,9	3908	3831	8,0	124,9	2000-3300	"	"	"	"	"	"	"	"
	20:00	02,6	16,1	3882	3804	8,0	92	4200	"	"	"	"	"	"	"	Kulm
	:15	02,6	9,9	3861	3782	7,7	97	3800	"	"	"	"	"	"	"	"
	:31	02,2	3,6	3848	3766	6,7	63	3400	"	"	"	"	"	"	"	"
	:45	1,5	0,6	3855	3770	6,4	90	3800	"	"	"	"	"	"	"	"
	21:00	1,3	30°57,3'	3850	3770	6,0	100	4000	"	"	"	"	"	"	"	"
	:15	0,9	52,2	3844	3763	6,7	64	3200	"	"	"	"	"	"	"	"
	:30	0,4	48,1	3841	3759	7,4	111	3400	"	"	"	"	"	"	"	"
	:45	1,1	42,2	3809	3729	7,8	106	6600	"	"	"	"	"	"	"	"
	22:00	2,2	37,1	3774	3690	8,0	137	3500	"	"	"	"	"	"	"	mid waves
	:15	3,5	32,0	3740	3661	7,8	114	3200	"	"	"	"	"	"	"	"
	:30	4,1	27,0	3726	3645	7,1	94	5700	"	"	"	"	"	"	"	"
	:45	3,8	25,3	3729	3647	1,0	244,7	3457	"	"	"	"	"	"	"	"
	23:00	3,8	25,6	3730	3648	0,7	134,1	3097	"	"	"	"	"	"	"	station
1.3.97	0:22	3,8	25,1	3730	3647	0,5	206	3400	x	x	"	20	"	"	"	Frequenztest Ende
	02:54	72°03,0	24,1	3740	3652	7,6	89	3200	"	"	"	1	"	"	"	02:53 Ende Station 2812
	03:00	3,0	22,3	3737	3656	6,3	89	2400	"	"	"	"	"	"	"	ET ~ 50m
	:15	3,0	16,2	3727	3642	4,0	93	1900	"	"	"	"	"	"	"	"
	:30	3,4	11,0	3707	3624	8,2	105	2000	"	"	"	"	"	"	"	"
	:45	3,3	05,3	3799	3716	6,3	85,5	349	"	"	"	"	"	"	"	"
	04:00	3,3	1,0	3855	3778	2,7	85	500	"	"	"	"	"	"	"	"
	04:15	03,2	29°57,1'	3948	3843	2,5	82	2100	"	"	"	"	"	"	"	St. Lehmann
	04:30	02,6	54,2	3969	3870	5,2	76	2600	"	"	"	"	"	"	"	"
	04:45	02,5	47,9	4001	3900	4,0	70	2700	"	"	"	"	"	"	"	"
	05:00	02,1	43,2	4051	3949	2,7	71	1900	"	"	"	"	"	"	"	"
	05:15	01,7	37,9	4070	3966	8,1	77	3100	"	"	"	"	"	"	"	"
	05:30	01,3	31,3	4106	4031	8,2	78	2300	"	"	"	"	"	"	"	"
	05:45	00,9	24,7	4133	4032	7,6	78	4200	"	"	"	"	"	"	"	"
	06:00	00,4	19,0	4097	4006	7,7	77	2800	"	"	"	"	"	"	"	"



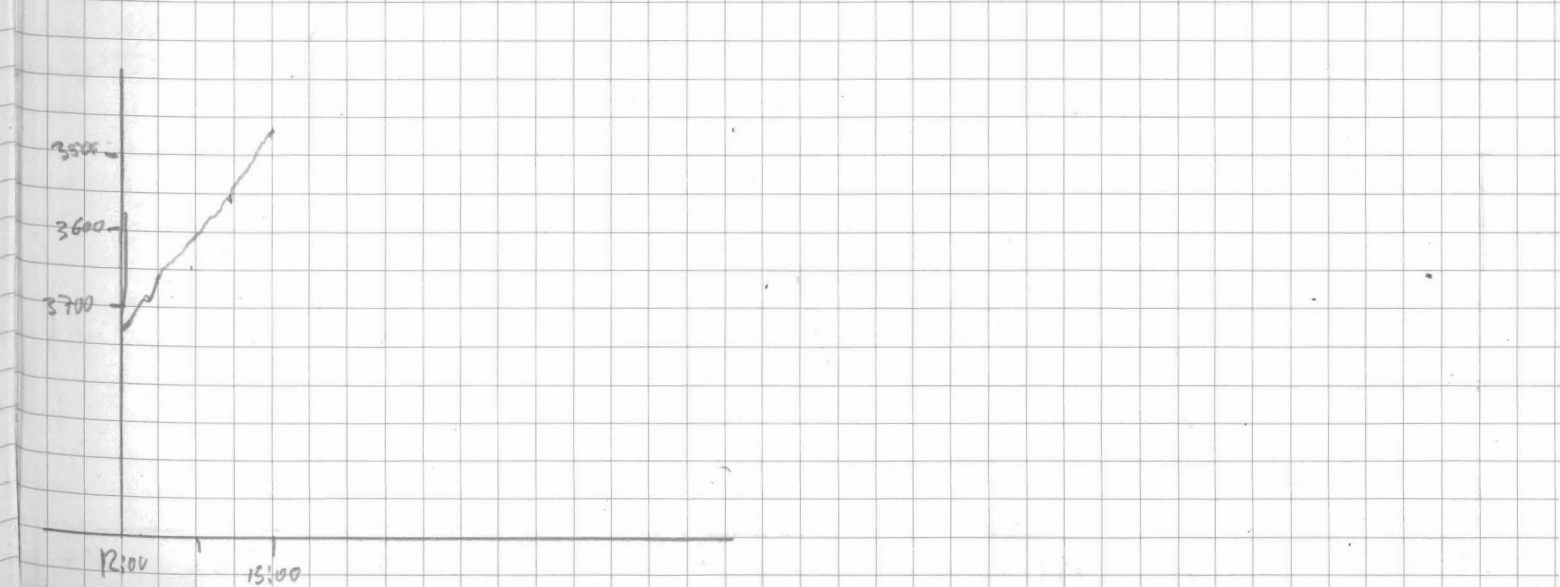
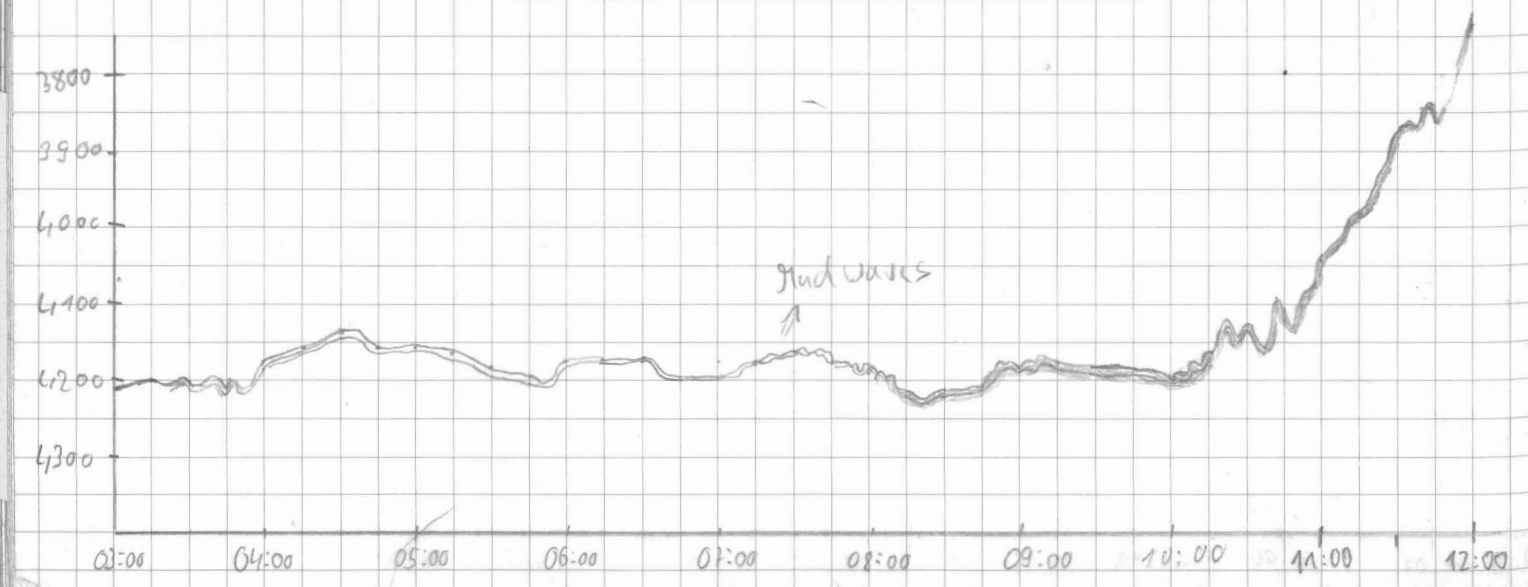
DATUM	ZEIT	BREITE S	LÄNGE W	TIEFE PS	TIEFE HS	GESCHW	KURS	MAX. AMPLITUDE	FREQ	PULSE PS	REC. LENGTH	WAIT TIME	DESO ROLLE	TAPE No.	WACHE	ZEMERKUNGEN
1.3.97	06:15	72° 00,2	29° 13,6	4064	3974	2,8	98	3800 - 7800	4,0	2,0	133,0	1,0	17	70	NL	
	06:30	00,3	10,1	4054	3965	2,5	80	3900 - 6000	"	"	"	"	"	"	"	
	06:45	00,4	05,4	4065	3973	7,5	100	4500 - 7000	"	"	"	"	"	"	"	
	07:00	72° 00,4	29° 59,2	4075	3989	7,8	89	4300 - 6800	"	"	"	"	"	"	"	
	07:15	00,8	53,2	4079	4002	8,0	118	2600 - 4300	"	"	"	"	"	"	"	
	07:30	01,8	48,3	4078	4002	6,2	127	3200 - 7100	"	"	"	"	"	"	"	
	07:45	02,1	42,7	4080	4004	7,7	101	2100 - 4900	"	"	"	"	"	"	"	
	08:00	02,5	36,4	4109	4028	8,2	96	1600 - 2500	"	"	"	"	"	"	Hillenbrand	
	08:15	02,6	31,4	4103	4021	7,6	96	2000 - 3800	"	"	"	"	"	"	"	ET ~ 20m
	08:30	02,5	25,4	4096	4013	7,8	75	2200 - 6400	"	"	"	"	"	"	"	
	08:45	02,2	20,1	4101	4020	7,0	79	3200 - 5600	"	"	"	"	"	"	"	
	09:00	01,9	15,0	4106	4023	8,0	93	2000 - 3800	"	"	"	"	"	"	"	
	09:15	01,6	08,9	4105	4027	7,8	78	3400 - 4200	"	"	"	"	"	"	"	
	09:30	01,8	02,7	4099	4023	7,9	99	2300 - 3500	"	"	"	"	"	71	"	09:15: Tape 70 gg, Tape 71 ausgewechselt
	09:45	02,1	27° 58,0	4094	4010	7,7	102	2900 - 3900	"	"	"	"	"	"	"	ET ~ 30m
	10:00	02,4	52,3	4088	4006	7,8	99	3000 - 3400	"	"	"	"	"	"	"	
	10:15	02,8	46,8	4079	3998	7,7	110	3000 - 3900	"	"	"	"	"	"	"	
	10:30	03,3	41,7	4070	3988	7,2	99	3500 - 3500	"	"	"	"	"	"	"	
	10:45	03,4	35,2	4059	3974	7,9	94	2900 - 3600	"	"	"	"	"	"	"	
	11:00	03,4	29,4	4046	3957	7,8	84	3700 - 4200	"	"	"	"	"	"	"	
	11:15	03,1	22,5	4032	3954	8,0	83	6000 - 7000	"	"	"	"	"	"	Unklar	Mud waves
	11:30	02,7	16,4	4014	3937	7,7	82	8600	"	"	"	"	"	"	"	
	11:45	1,6	7,0	4009	3932	7,4	55	4000	"	"	"	"	"	"	"	
	12:00	09,6	07,1	4006	3924	7,5	60	2000	"	"	"	"	"	"	"	
	12:15	71° 59,5'	01,4'	3983	3899	8,0	59	2000 - 3300	"	"	"	"	"	"	Dickmann	
	12:30	58,5'	26° 55,4'	3963	3879	7,4	59	3300 - 6000	"	"	"	"	"	"	"	
	12:45	57,8'	50,9'	3952	3865	6,2	69	1400 - 2000	"	"	"	"	"	"	"	
	13:00	57,2'	46,3'	3937	3853	7,9	67	2500 - 3700	"	"	"	"	"	"	"	
	13:15	57,0	40,6	3919	3832	7,5	99	200	"	"	"	"	"	"	Unklar	
	13:30	57,1	36,4	3902	3818	6,7	41	1400	"	"	"	"	"	"	"	
	13:45	57,1	30,8	3886	3809	7,8	84	1300	"	"	"	"	"	"	"	
	14:00	56,8	25,2	3867	3789	5,6	63	3700	"	"	"	"	"	"	"	ET ~ 40m
	14:15	56,6	20,3	3890	3805	7,9	115	3800	"	"	"	"	"	"	"	
	14:30	57,3	14,7	3928	3846	7,4	108	4700	"	"	"	"	"	"	"	
	14:48	58,1	8,9	3915	3829	6,5	106	5800	"	"	"	"	"	"	"	
	15:00	58,4	4,3	3911	3828	7,5	82	4800	"	"	"	"	"	"	"	
	15:15	57,8	25° 59,1	3921	3843	7,8	90	3800	"	"	"	"	"	"	"	
	15:30	57,8	52,7	3943	3864	7,7	42	3900	"	"	"	"	"	"	"	
	15:45	56,3	48,9	3962	3887	7,7	72	3200	"	"	"	"	"	"	"	
	16:00	55,5	44,8	3988	3912	6,9	52	2400	"	"	"	"	"	"	Thalwamm	



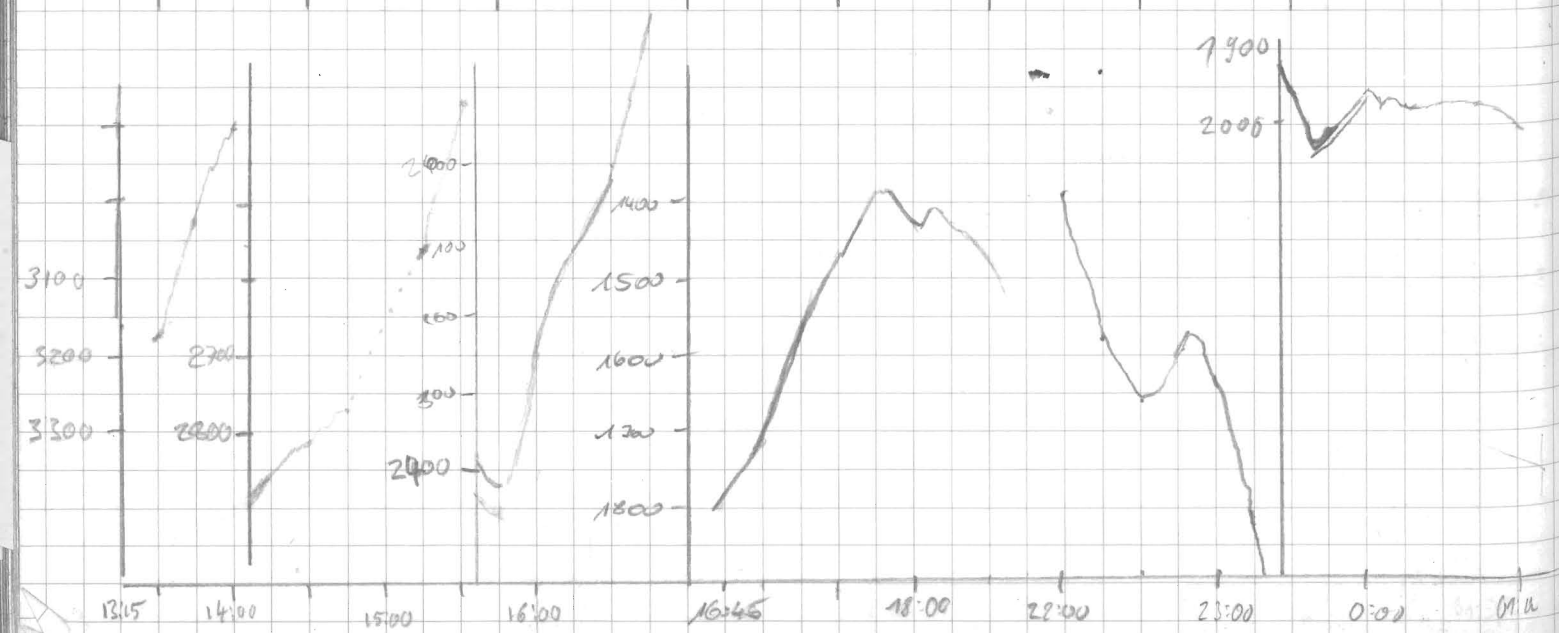
Datum	Zeit UTC	Breite S	Longitude W	Tiefe PS	Tiefe HS	Spektr. [km]	Kurs [°]	Max. Ampl. [mV]	Freq. [Hz]	Pulse	Record Length	Wait Time	Dist. Rolle	Type No	Wade	Bemerkungen
01/03/97	16:15	71° 54.4	25° 40.9	4007	3928	6.8	72	2700	4.0	2.0	133	1.0	17	71	Flalwamm	
	16:30	53.7	35.9	4018	3941	7.5	62	5700	"	"	"	"	"	"	"	"
	16:45	52.5	30.6	4047	3965	7.8	60	2900	"	"	"	"	"	"	"	"
	17:00	51.7	25.0	4077	4000	8.0	64	2300	"	"	"	"	"	"	"	"
	17:15	51.1	18.2	4096	4022	8.0	90	2200	"	"	"	"	"	"	"	"
	17:30	51.4	12.6	4092	4015	8.1	100	5300	"	"	"	"	"	"	"	"
	17:45	51.3	06.0	4090	4013	8.3	97	2600	"	"	"	"	"	"	"	"
	18:00	51.7	24° 59.6	4083	4009	7.8	108.5	4000	"	"	"	"	"	"	"	Ebba
	:15	52.1	53.2	4083	4005	8.3	91.9	5735	"	"	"	"	"	"	"	"
	:30	51.9	46.8	4083	4008	8.1	74.8	2860	"	"	"	"	"	"	"	"
	:45	51.2	40.6	4087	4009	8.2	70.3	3468	"	"	"	"	"	"	"	"
	19:00	50.9	34.1	4092	4011	8.0	98.8	3238	"	"	"	"	"	"	"	"
	:15	51.9	28.3	4070	3990	8.4	106.5	2760	"	"	"	"	"	"	"	"
	:30	52.6	22.1	3983	3901	8.2	118.0	1133	"	"	"	"	"	"	"	"
	:45	53.5	16.2	4038	3963	7.5	101.2	613.8	"	"	"	"	"	"	"	"
	20:00	53.7	9.9	4084	3994	8.4	90	3700	"	"	"	"	"	"	"	Kulm
	:15	53.8	5.4	4089	4001	7.5	61	5800	"	"	"	"	"	"	"	"
	:31	53.6	23° 58.1	4090	3999	8.7	89	5700	"	"	"	"	"	"	"	"
	:45	53.3	52.3	4087	3995	7.2	77	8500	"	"	"	"	"	"	"	semi prolonged + mud waves
	21:00	52.9	47.2	4086	3996	5.4	74	3700	"	"	"	"	"	"	"	"
	:15	52.8	42.3	4075	3983	8.3	93	2900	"	"	"	"	"	"	"	"
	:30	52.6	37.0	4054	3958	7.9	105	4200	"	"	"	"	"	"	"	"
	:45	53.3	31.2	4005	3913	8.0	97	4200	"	"	"	"	"	"	"	"
	22:00	52.8	25.5	4040	3942	8.6	59	6800	"	"	"	"	"	"	"	"
	:15	51.8	21.2	4067	3972	3.0	54	1700	"	"	"	"	"	"	"	"
	:30	51.4	18.0	4089	3995	6.8	64	3700	"	"	"	"	"	"	"	"
	:45	51.5	11.8	4196	4094	8.5	101	3200	"	"	"	"	"	"	"	"
	23:00	52.0	5.3	4238	4173	8.1	96	4200	"	"	"	"	"	"	"	"
	:15	52.1	22° 59.5	4239	4131	7.7	83	3500	"	"	"	"	"	"	"	"
	:30	51.8	53.1	4249	4155	8.2	84	3100	"	"	"	"	"	"	"	"
	:45	51.6	48.8	4259	4163	8.3	98	2200-2800	"	"	"	"	"	"	"	"
02/03/97	0:00	51.7	42.5	4265	4171	8.2	88	1400-1800	"	"	"	"	"	"	"	St. Sch. mad. ET < 10m
	0:15	51.6	37.5	4275	4181	6.9	88	2900-3500	"	"	"	"	"	"	"	"
	0:30	51.9	32.7	4271	4175	4.1	89	1700-2600	"	"	"	"	"	"	"	"
	0:45	52.2	28.5	4281	4187	7.5	109	4000-4600	"	"	"	"	"	"	"	ET ~ 10m
	1:00	52.7	22.6	4257	4165	7.5	111	2000-2400	"	"	"	"	"	"	"	ET < 10m
	1:15	53.3	17.4	4246	4149	4.4	90	4000-4500	"	"	"	"	"	"	"	"
	1:30	53.8	12.3	4265	4194	2.8	108	2000-2700	"	"	"	"	"	"	"	"
	1:45	54.3	06.7	4264	4183	5.0	111	1200-1600	"	"	"	"	"	"	"	"
	2:00	54.9	01.5	4266	4192	7.4	114	3600-4000	"	"	"	"	"	"	"	"
	2:15	55.6	21° 55.9	4265	4182	4.4	112	1700-1900	"	"	"	"	"	"	"	ET ~ 10m
	2:30	56.0	53.2	4267	4186	4.9	116		"	"	"	"	"	"	"	"
	2:45	56.3	48.6	4245	4167	4.9	84	4300-4700	"	"	"	"	"	"	"	"



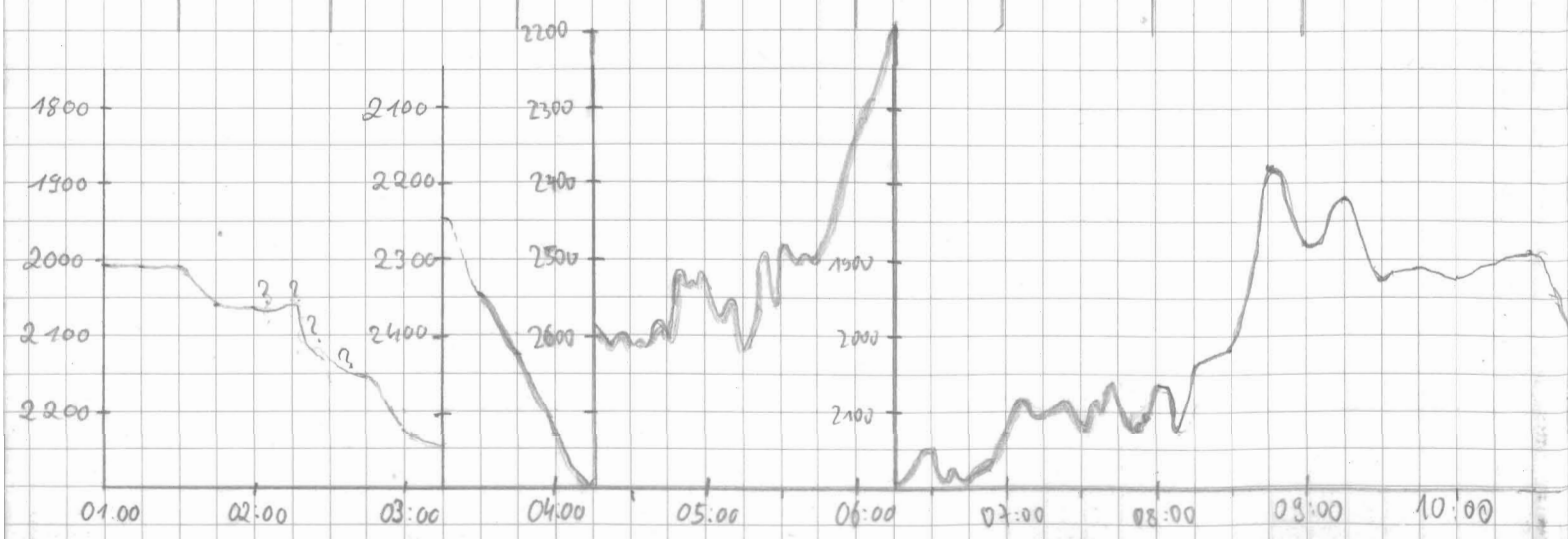
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw [km/h]	Kurs [°]	max Ampl. [mV]	Freq. PS	Pulse	Record Length	Wait Time	Deso Rolle	Tape No.	Wache	Bemerkungen
02/03/97	03:00	71° 56,2	21° 44,6	4217	4137	5,8	89	1000-1200	4	2	133	1	17	71	St. Schumacke	
	03:15	56,8	41,6	4205	4137	6,6	137	5200-6100	"	"	"	"	"	"	"	03:28 Wechsel der Tape 71 → 72
	03:30	56,8	37,2	4203	4125	5,8	78	3800-4700	"	"	"	"	"	72	"	ET 10-15m
	03:45	56,5	32,1	4201	4137	6,0	76	2400-3300	"	"	"	"	"	"	"	
	04:00	56,2	27,3	4176	4102	5,2	27	2400-3400	"	"	"	"	"	"	Dickmann	
	04:15	56,1	24,1	4151	4072	5,6	32	2000-2200	"	"	"	"	"	"	"	
	04:30	55,9	20,1	4134	4349	5,0	65	3200-4500	"	"	"	"	"	"	"	
	04:45	55,0	16,4	4160	4082	7,4	37	3600-4000	"	"	"	"	"	"	"	
	05:00	54,1	11,5	4162	4088	7,0	60	4277	"	"	"	"	"	"	"	
	05:15	53,2	06,4	4167	4128	6,7	60	2350	"	"	"	"	"	"	"	
	05:32	52,4	00,3	4178	4104	6,9	95	2200-4800	"	"	"	"	"	"	"	
	05:45	52,4	20° 56,2	4194	4122	7,4	92	2500-3500	"	"	"	"	"	"	"	
	06:00	52,4	49,6	4177	4110	7,1	86	1600-2200	"	"	"	"	"	"	"	
	06:15	52,3	43,8	4172	4087	7,6	91	989-1943	"	"	"	"	"	"	"	
	06:30	52,3	37,9	4172	4092	7,8	92	3000-4300	"	"	"	"	"	"	"	
	06:45	52,3	31,7	4194	4107	7,6	92	2000-3200	"	"	"	"	"	"	"	
	07:00	52,4	25,9	4200	4110	7,4	91	1800-2600	"	"	"	"	"	"	"	
	07:15	52,3	20,3	4177	4081	6,6	80	2000-2600	"	"	"	"	"	"	"	
	07:30	52,0	14,7	4160	4068	7,5	77	1500-2200	"	"	"	"	"	"	"	
	07:45	51,4	09,4	4178	4087	8,0	74	2300-3500	"	"	"	"	"	"	"	
	08:00	51,2	04,0	4182	4089	7,6	70	3100-3800	"	"	"	"	"	"	"	
	08:15	50,6	19° 58,8	4213	4125	8,2	20	2000-4800	"	"	"	"	"	"	Hillenbrand	ET ~ 15m
	08:30	50,6	52,9	4226	4133	7,6	108	1900-3800	"	"	"	"	"	"	"	
	08:45	51,2	47,4	4209	4119	7,7	109	2500-2700	"	"	"	"	"	"	"	
	09:00	51,7	42,3	4183	4094	6,8	109	2300-2300	"	"	"	"	"	"	"	
	09:15	52,1	39,2	4177	4087	7,1	107	3070-3200	"	"	"	"	"	"	"	
	09:30	52,1	39,2	4178	4085	0,2	231	2700	"	"	"	"	"	"	"	09:20h: Schiff stoppt
	09:45	52,1	39,1	4178	4088	0,0	103	3700	"	"	"	"	"	"	"	Wait Time → 20
	10:00	52,1	38,5	4180	4082	4,4	90	3300	"	"	"	20	"	"	"	10:05h: Schiff fährt weiter
	10:15	52,2	34,1	4166	4074	6,9	94	1100-1600	"	"	"	7	"	"	"	Wait Time →
	10:30	52,5	28,8	4150	4046	6,4	114	760-1100	"	"	"	"	"	"	"	
	10:45	53,5	24,7	4121	4046	7,5	129	2000-2300	"	"	"	"	"	"	"	
	11:00	54,7	20,0	4045	3980	7,8	123	1200-1700	"	"	"	"	"	"	"	
	11:16	55,9	14,3	3965	3903	8,1	124	1900-2500	"	"	"	"	"	"	"	
	11:30	56,8	09,2	3879	3827	7,8	125	500-1100	"	"	"	"	"	"	"	11:21h - 11:29h: Deso-Rolle hängt
	11:45	57,7	04,1	3854	3804	7,6	123	1000-2300	"	"	"	"	"	"	Hubel	
	12:00	58,9	18° 59,4	3725	3689	7,6	132	700	"	"	"	"	"	"	"	
	12:15	72° 00,0	55,9	3656	3604	2,1	140	400	"	"	"	"	"	"	"	
	12:30	0,7	54,3	3613	3564	5,2	157	1000	"	"	"	"	"	"	"	
	12:45	2,5	51,8	3551	3494	7,5	137	1400	"	"	"	"	"	"	"	
	13:00	3,7	48,4	3476	3419	5,8	145	800	"	"	"	"	"	"	"	



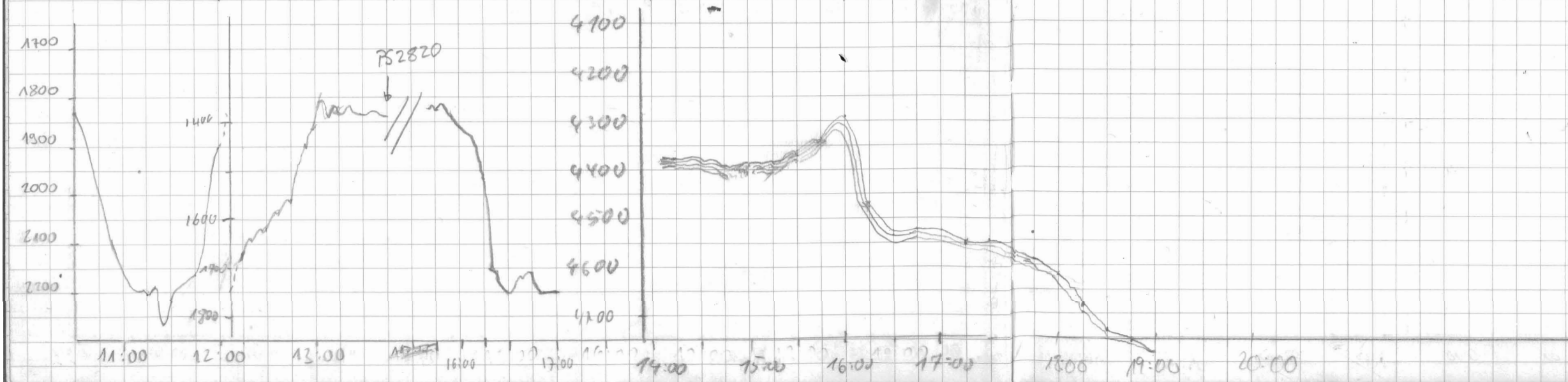
Datum	Zeit [UTC]	Breite [SI]	Länge [W]	Tiefe PS	Tiefe HS	Geschw. [Knot]	Kurs [PT]	Max. Amplitude [mV]	Frequ.	Pulse	Record Length	Wait Time	Deso-Rolle	Tape No	Wache	Bemerkungen
02/03/97	13:15	72°05'0"	18°45'1"	3378	3334	6,9	145	600	4	2	133	1	17	72	Uhlend	PS Tiefe falsch wieder O.K.
	:30	6,4	42,0	3177	3109	5,7	131	900	"	"	"	"	"	"	"	
	:45	7,7	39,0	3031	2969	6,1	139	600	"	"	"	"	"	"	"	
	14:00	9,0	35,5	2909	2849	6,6	138	1100	"	"	"	"	"	"	"	
	:15	10,0	32,9	2864	2803	4,1	146	800	"	"	"	"	"	"	"	
	:30	10,7	31,3	2820	2759	1,8	160	1900	"	"	"	"	"	"	"	
	:45	11,6	29,2	2774	2712	4,7	152	2000	"	"	"	"	"	"	"	
	15:00	12,5	26,7	—	—	4,8	131	900	"	"	266	"	"	"	"	Kein Signal, keine PS/HS Tiefe
	:17	13,6	23,9	2558	2506	4,9	133	500	"	"	"	"	"	"	"	15:14 Wechsel Desorolle
	:35	14,9	19,3	2375	2343	6,3	122	600	"	"	133	"	18	"	"	E64, Neustart PS
	:45	15,3	17,3	2426	2372	6,0	133	600	"	"	"	"	"	"	"	
	16:00	72°16'56,3	18°19'28"	2288	2242	6,9	131	283	"	"	"	"	"	"	Ritzmann	Kein Signal
	16:15	17,304	10,369	—	2103	6,3	125	1600	"	"	"	"	"	"	"	
	:30	18,114	06,313	2014	1975	7,0	129	2150	"	"	"	"	"	"	Ritzmann	
	:45	19,166	02,156	—	1782	6,3	135	1220	"	"	"	"	"	"	Ritzmann	
	17:00	20,311	17°58'26,0	1728	1684	7,0	132	218	"	"	"	"	"	"	"	
	:15	21,472	54,065	1568	1520	7,3	132	1952	"	"	"	"	"	"	Ritzmann	
	:30	22,499	50,568	1457	1414	6,3	134	1900	"	"	"	"	"	"	"	A > 40 Beginn einer Wende!
	:45	23,289	47,997	1389	1344	5,2	127	2155	"	"	"	"	"	"	"	
	18:00	23,1	49,2	1422	1375	0,7	226	2300	"	"	"	20	"	"	St. Schmach	Stationenbeginn Meneisgruppe, Uhlend 20
	:15	23,2	49,6	1434	1385	6,7	254	2600	"	"	"	"	"	"	"	Gissta Kon
	20:18	23,1	49,5	1428	1381	7,3	58	6300	"	"	"	"	"	"	"	Station Geologie
	:30	22,9	48,5	1421	1373	7,7	140	4400	"	"	"	"	"	"	"	Frequenztest
	21:09	23,0	48,7	1422	1375	7,0	222	2600	X	X	"	0	"	"	Kuhm	
	:50	23,2	48,5	1404	1361	5,5	25,3	480-889	4	2	133	0	"	"	"	
	22:00	22,4	46,7	1398	1360	6,3	36,6	426-1034	"	"	"	"	"	"	"	
	:15	21,1	43,6	1588	1555	6,6	38,6	390-550	"	"	"	"	"	"	"	
	:30	19,9	40,3	1658	1583	6,4	38,7	496	"	"	"	"	"	"	"	
	:48	18,7	38,3	1595	1515	6,5	18	1510	4	2	"	0	"	"	Kuhm	
	23:00	17,7	37,8	1639	1595	5,0	24	—	"	"	"	"	"	"	"	
	:15	15,8	35,3	1821	1804	5,4	25	400	"	"	"	"	"	"	"	
	:30	14,7	33,2	1959	1936	6,6	38	1300	"	"	"	"	"	"	"	
	:45	13,6	30,4	2022	1989	5,7	38	3400	"	"	"	"	"	"	"	17m Eindringtiefe
03/03/97	0:00	12,4	27,5	1955	1919	5,5	36	1500	"	"	"	"	"	"	St. Schmach	
	0:15	11,5	25,1	1977	1940	3,0	49	400	"	"	"	"	"	"	"	
	0:30	10,9	23,2	—	1910	2,8	34	500	"	"	"	"	"	"	"	Tiefenanalyse Deso-Monitor + Parsody machen
	0:45	10,3	22,5	1968	1953	2,8	16	3600	"	"	"	"	"	"	"	10:33 Neustart!
	01:00	10,1	22,3	2005	1988	1,4	218	2100	"	"	"	"	"	"	"	



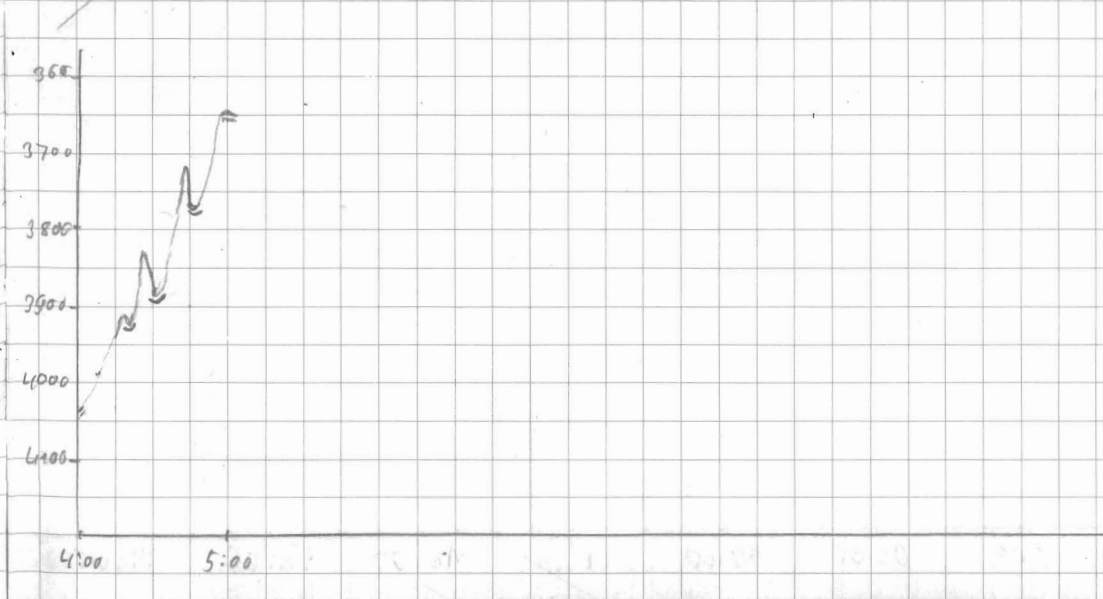
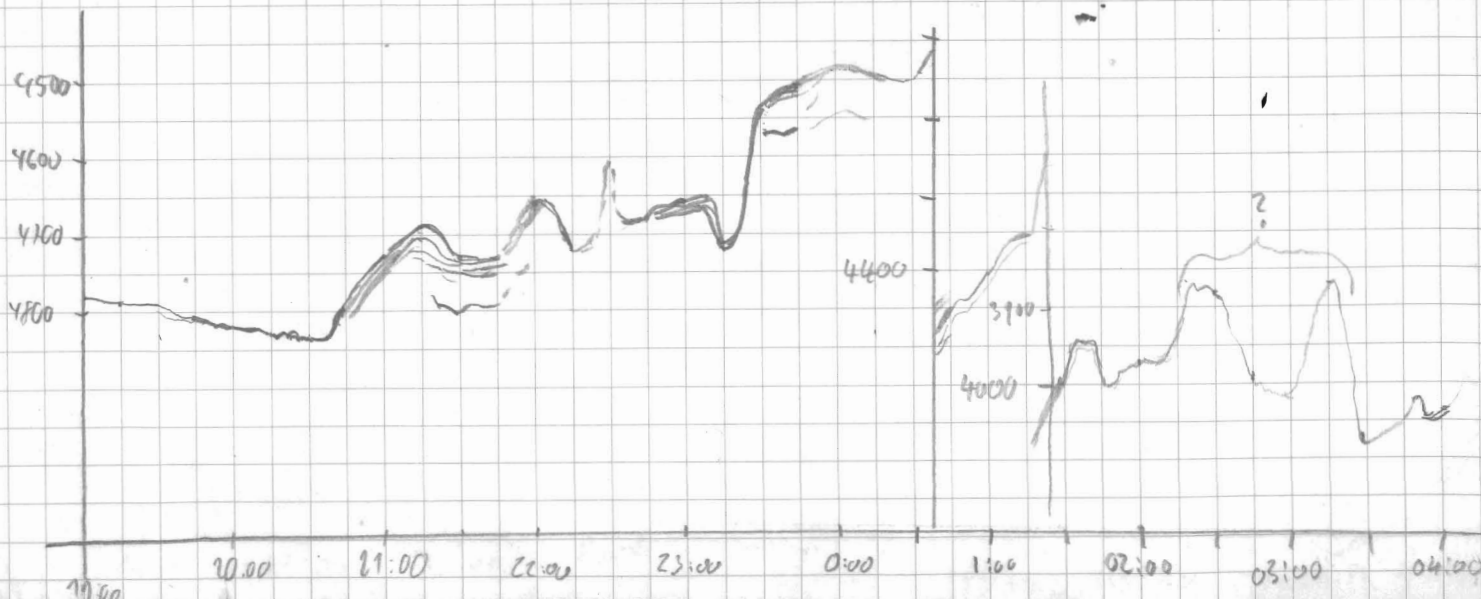
Datum	Zeit UTC	Breite S	Länge W	Tiefe PS	Tiefe HS	Geschw. [km]	Kurs [°]	Max. Amplitude [mV]	Frequ. PS	Pulse	Record length	Wert Time	Deso Roll	Tape No.	Wache	Bemerkungen
03103197	01:00	72° 10,1	17° 22,3	2005	1968	1,4	218	2100	4	2	133	0	18	72	St. Schumiack	Reflektion gestört, Eisfelder
	01:15	10,1	22,6	2009	1972	0,8	7	1300	"	"	"	"	"	"	"	Eisbrechen, "Polanstern" setzt 2.T. zurück
	01:30	10,0	22,8	2012	1975	1,3	352	1700	"	"	"	"	"	"	"	HS-Tiefe fehlt, PS-Tiefe falsch
	01:45	09,6	23,4	2062	2021	4,1	320	1400	"	"	"	"	"	"	"	kein ordentliches Signal
	02:00	08,5	26,0	2062	2025	5,4	315	800	"	"	"	"	"	"	"	Findet bei: PARINDS; Mode 4, Range 5000 Signal nicht
	02:15	07,6	29,7	2055	2023	5,8	308	900	"	"	"	"	"	"	"	Reflektion gestört, Eisfelder
	02:30	07,0	33,5	-	2095	2,2	315	4200	"	"	"	"	"	"	"	02:34 Neustart
	02:45	06,4	34,9	2161	2115	2,0	318	2600	"	"	"	"	"	"	"	
	03:00	06,0	37,5	2238	2195	4,6	282	1600	"	"	"	"	"	"	"	
	03:15	05,4	39,2	2218	2203	3,7	337	1100	"	"	"	"	"	"	"	
	03:30	04,5	39,9	2347	2303	3,7	16	1000	"	"	"	"	"	"	"	
	03:45	03,7	38,9	2428	2386	3,6	10	1200	"	"	"	"	"	"	"	ET ~ 10m
	04:00	02,6	41,5	2539	2491	6,5	342	1100	"	"	"	"	"	"	"	ET ~ 10m
	04:15	01,8	40,7	2592	2553	4,1	44	2000	"	"	"	"	"	"	Hillenbrand	
	04:30	01,2	39,0	2607	2560	2,7	43	1300	"	"	"	"	"	"	"	
	04:45	00,3	36,1	2606	2549	5,9	55	600	"	"	"	"	"	73	"	04:44 h: Tape 72 gg. Tape 73 ausgetauscht
	05:00	71° 59,5	32,6	2527	2485	5,1	52	700	"	"	"	"	"	"	"	
	05:15	58,8	29,5	2623	2568	4,7	52	400	"	"	"	"	"	"	"	
	05:30	58,0	26,6	2521	2476	4,8	59	700	"	"	"	"	"	"	"	
	05:45	57,4	23,3	2457	2439	4,8	58	4300	"	"	"	"	"	"	"	
	06:00	56,7	18,8	2341	2292	6,1	66	1100	"	"	"	"	"	"	"	
	06:15	56,2	14,4	2206	2157	5,7	60	2500	"	"	"	"	"	"	"	
	06:30	55,3	10,4	2150	2108	4,4	55	700	"	"	"	"	"	"	"	
	06:45	54,6	07,1	2195	2145	4,9	55	1100	"	"	"	"	"	"	"	
	07:00	54,1	04,0	2128	2085	4,1	60	1000	"	"	"	"	"	"	"	ET ~ 10m
	07:15	53,6	00,8	2104	2050	5,2	60	1100	"	"	"	"	"	"	"	
	07:30	53,0	16° 57,6	2125	2070	6,8	57	700	"	"	"	"	"	"	"	
	07:45	51,8	53,6	2094	2046	6,2	50	700	"	"	"	"	"	"	"	
	08:00	50,7	49,5	2064	2013	6,8	34	400	"	"	"	"	"	"	"	
	08:15	49,0	47,0	2047	1992	6,2	33	500-1000	"	"	"	"	"	"	Diemann	
	08:30	48,4	43,6	2023	1975	4,6	72	600-1100	"	"	"	"	"	"	"	
	08:45	48,1	39,3	1872	1825	4,9	83	700-1400	"	"	"	"	"	"	"	
	09:00	48,0	35,3	1935	1877	3,7	67	1700-2400	"	"	"	"	"	"	"	
	09:15	48,1	35,0	1916	1862	0,3	75	~10000	"	"	"	"	"	"	"	
	09:30	48,2	35,7	1926	1869	2,1	324	2500-3900	"	"	"	"	"	"	"	
	09:45	48,4	35,5	1912	1856	2,6	229	2600-4000	"	"	"	"	"	"	"	
	10:00	48,0	34,8	1921	1862	6,0	65	900-3300	"	"	"	"	"	"	"	
	10:15	47,5	31,8	-	1848	1,6	53	500-900	"	"	"	"	"	"	"	
	10:30	47,5	31,6	1892	1838	1,1	177	800-1300	"	"	"	"	"	"	"	
	10:45	47,9	30,8	-	1785	5,7	56	300-1200	"	"	"	"	"	"	"	
	11:00	47,2	27,7	2148	2085	6,9	68	600-1200	"	"	"	"	"	"	"	
	11:15	46,5	21,4	2202	2132	3,1	72	900-1200	"	"	"	"	"	"	"	



Datum	Zeit UTC	Breit. S	Längl. W	Tull. PS	Tull. MS	Geschw. [km]	WMS [°]	Max. Amplitude [EmV]	Rec. PS	Antse	Rec. length	Wait Time	DECO. ROLL	TAPE- Nr.	Warte	Bemerkungen
03.03.97	11:30	71° 45.5'	16° 15.1'	2242	2171	8.5	59.0	1200-1600	4	2	133	0	18	73	Diemann	
	11:45	44.7'	10.2'	2164	2091	6.3	59	1400-2400	"	"	"	"	"	"	"	"
	12:00	43.8'	05.5'	1900	1830	6.7	79	500-900	"	"	"	"	"	"	"	"
	115	43.2'	2.1'	1684	1634	3.0	58	1400	"	"	"	"	"	"	Verlust	
	130	43.1'	15° 59.5'	1623	1566	5.0	59	4300	"	"	"	"	"	"	"	"
	145	42.5'	55.2'	1565	1514	6.0	63	800	"	"	"	"	"	"	"	"
	13:00	41.7'	51.6'	1415	1365	6.1	60	1200	"	"	"	"	"	"	"	"
	115	40.8'	47.6'	1385	1339	6.0	43	2900	"	"	"	"	"	"	"	"
	130	40.2'	45.7'	1387	1342	1.7	88	5400	"	"	"	"	"	"	"	"
	145	40.1'	46.2'	1389	1345	0.2	224	1700	"	"	"	"	"	"	"	Beginn Station PS2820
	14:00	40.3'	46.8'	1386	1341	0.7	231	1300	x	x	"	"	"	"	Kulm	Eindringtiefe 10m, Frequenz
	15:47	40.41	46.6	1371	1330	4.1	81	3600	4	2	133	0	18	73	Verlust	Ende Station PS2820
	16:00	39.7'	44.7'	1410	1365	4.9	62	5200	"	"	"	"	"	"	"	"
	16:15	39.0'	40.1'	1513	1468	7.2	67		"	"	"	"	"	"	Kulm	
	16:30	38.1'	36.2'	1731	1677	6.7	47	1900	"	"	"	"	"	"	Kulm	
	16:45	37.0'	32.3'	1711	1660	6.8	51	1600	"	"	"	"	"	"	"	
	17:00	36.0'	28.5'	1750	1696	6.1	29	2400	"	"	"	"	"	"	"	
	17:15	71° 34.6'	15° 26.7'	1803	1754	6.3	24	3500	"	"	"	"	"	"	"	
	17:30	33.2'	24.1'	1934	1876	6.8	31	1900	"	"	"	"	"	"	"	abgehalten
07.03.97	14:19	67° 27.3'	3° 10.5'	4384	4304	11.3	30	4500	4	2	133	0	18	73	Kulm	Eindringtiefe ca. < 40m
	30	25.5'	7.4'	4386	4309	11.1	33	5600	"	"	"	"	"	"	"	"
	45	23.1'	3.3'	4390	4310	11.2	30	5100	"	"	"	"	"	"	"	"
	15:00	20.6'	2° 59.9'	4389	4313	11.3	27	4600	"	"	"	"	"	"	"	"
	15	18.0'	56.3'	4385	4304	11.5	28	3500	"	"	"	"	"	"	"	"
	30	15.6'	53.0'	4361	4280	11.2	28	3500	"	"	"	"	"	"	"	"
	45	13.2'	49.4'	4336	4251	11.1	32	4000	"	"	"	"	"	"	"	"
	16:00	67° 10.8'	2° 45.6'	4288	4201	11.4	31	4000	"	"	"	"	"	"	Pfender	
	15	08.4'	41.9'	4471	4375	11.2	29	7700	"	"	"	"	"	"	"	"
	30	05.9'	38.5'	4530	4433	11.4	28	5000	"	"	"	"	"	"	"	"
	45	03.4'	35.1'	4522	4422	11.5	29	7000	"	"	"	"	"	"	"	"
	17:00	00.8'	31.6'	4525	4424	11.4	28	7000	"	"	"	"	"	"	"	"
	15	66° 58.4'	27.8'	4549	4453	11.3	32	4000	"	"	"	"	"	"	"	"
	30	56.0'	24.0'	4540	4442	11.3	31	4000	"	"	"	"	"	"	"	"
	45	53.6'	20.3'	4540	4496	11.2	31		"	"	"	"	"	"	"	"
	18:00	51.2'	16.6'	4632	4533	11.5	32	2700	"	"	"	"	"	"	Ruelberg	
	15	48.8'	12.9'	4682	4581	11.3	30	3200	"	"	"	"	"	"	"	"
	30	46.3'	09.4'	4739	4637	11.2	30	2800	"	"	"	"	"	"	"	"
	45	43.9'	06.1'	4755	4658	11.4	29	5400	"	"	"	"	"	"	"	"
	19:00	41.4'	02.7'	4785	4699	11.4	28	500	"	"	"	"	"	"	"	"



Datum	Zeit UTC	Breite S	Länge W	Tiefe M	Tiefe HS	Geschw. [kn]	Kurs [°]	Max. Amplitude [mV]	Freq. [Hz]	Pulse	Rec. Length	Wait Time	Det. Rolle	Tape-Nr.	Wunde	Bemerkungen	
7.3.97	19:15	66°39,0	01°59,1	4788	4702	10,6	90	7000	4	2	153	0	78	73	Rud/Berg	19:50 Wedpel Tare 73-74	
	19:30	38,4	55,5	4787	4700	11,2	90	2800	"	"	"	"	"	"	"		
	19:45	34,2	51,4	4809	4720	11,1	29	1400	"	"	"	"	"	74	"		
	20:00	31,8	49,0	4824	4725	11,3	29	2400	"	"	"	"	"	"	Ku Lu		
	15	29,4	45,6	4832	4732	11,2	29	1400	"	"	"	"	"	"	"		
	30	26,9	42,2	4847	4741	11,3	30	1300	"	"	"	"	"	"	"		
	45	24,5	38,8	4765	4671	11,2	29	4700	"	"	"	"	"	"	"		
	21:00	22,1	35,4	4722	4624	11,0	29	9100	"	"	"	"	"	"	"		
	15	19,7	32,1	4685	4591	11,2	29	7800	"	"	"	"	"	"	"		
	30	17,2	28,7	4735	4639	11,0	28	1800	"	"	"	"	"	"	"		
	45	14,5	25,0	4730	4641	11,1	27	2100	"	"	"	"	"	"	"		
	22:00	12,5	22,2	4650	4567	10,9	29		"	"	"	"	"	"	"		
	15	9,9	18,6	4720	4645	11,2	29	900	"	"	"	"	"	"	"		
	30	7,5	15,4	-	4598	11	30	4700	"	"	"	"	"	"	"		
	45	5,1	12,0	4679	4590	11,2	29	1200	"	"	"	"	"	"	"		
	23:00	2,7	8,7	4655	4572	11,2	27	3100	"	"	"	"	"	"	"		
	15	0,3	5,3	4723	4627	11,2	30	3600	"	"	"	"	"	"	"		
	45	65°55,4	0°58,48	4503	4424	11,4	30	1000	"	"	"	"	"	"	"		
	8.3.97	01:00	53,0	55,1	4462	4389	11,4	35	1400	"	"	"	"	"	"		Unklar
		15	50,7	51,2	4496	4420	11,3	34	1600	"	"	"	"	"	"		"
30		48,5	47,4	4501	4424	11,6	35	1800	"	"	"	"	"	"	"		
45		46,0	43,1	4451	4367	11,5	33	1500	"	"	"	"	"	"	"		
01:00		43,4	39,9	4404	4333	11,3	26	1500	"	"	"	"	"	"	"		
15		41,1	37,0	4355	4282	11,7	26	600	"	"	"	"	"	"	"		
30		38,3	33,6	4302	4236	11,6	26	850	"	"	"	"	"	"	"		
45		35,7	30,6	4277	4205	12,4	26	650	"	"	"	"	"	"	"		
02:00		33,0	27,0	3984	3919	12,7	29	800	"	"	"	"	"	"	"		
15		30,2	23,4	3969	3898	12,9	28	900	"	"	"	"	"	"	"		
30		27,5	19,9	3794	3744	11,5	29	250	"	"	"	"	"	"	"		
45		25,1	16,4	3995	3933	11,6	29	400	"	"	"	"	"	"	"		
03:00		22,7	13,0	4025	3940	11,2	30	450	"	"	"	"	"	"	"		
15		20,3	9,7	3864	3778	11,2	30	400	"	"	"	"	"	"	"		
30		17,8	6,4	4078	4002	9,7	27	300	"	"	"	"	"	"	"		
45		15,7	3,6	4059	3985	11,4	29	750	"	"	"	"	"	"	"		
04:00		13,1	0,0	4033	3958	11,0	30	560	"	"	"	"	"	"	"		
15	10,7	03,3 E	3934	3866	11,6	29	290	"	"	"	"	"	"	"			
30	08,1	06,6 E	3884	3806	11,3	31	800	"	"	"	"	"	"	"			
45	05,7	10,6 E	3767	3691	11,7	28	2200	"	"	"	"	"	"	"			
05:00	03,2	13,4 E	3650	3589	11,3	30	530	"	"	"	"	"	"	"			

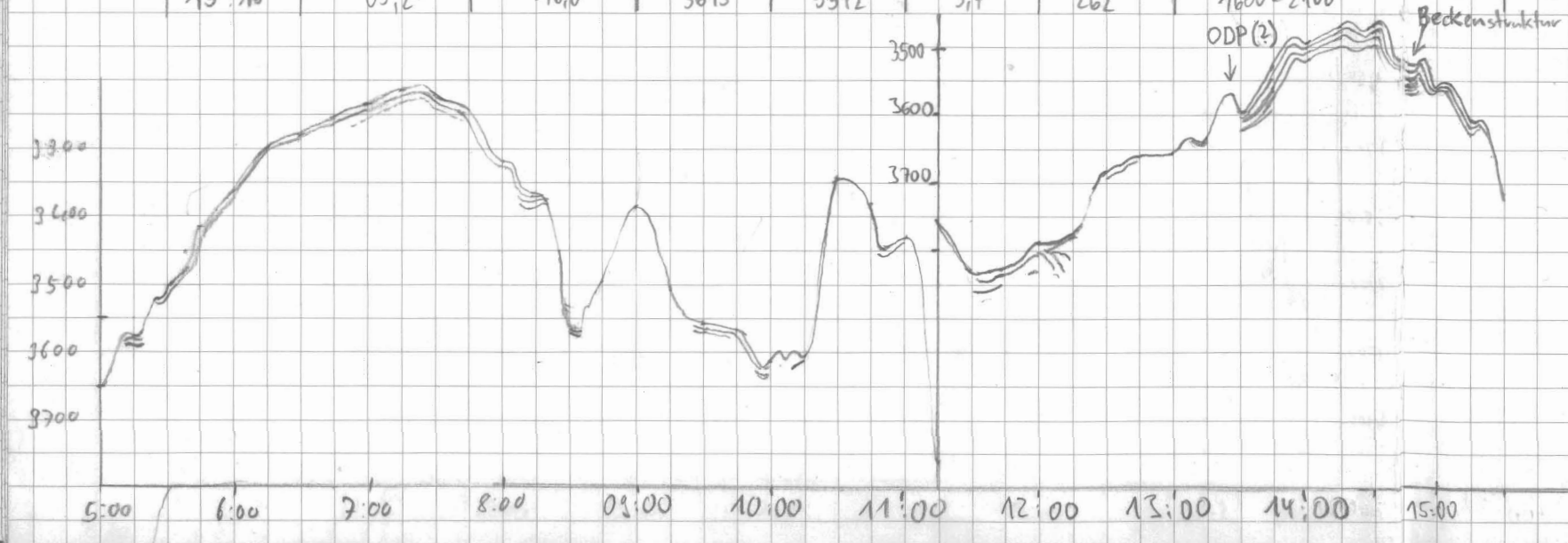


seit 02:20 fast kein Signal
zu starke Störungen

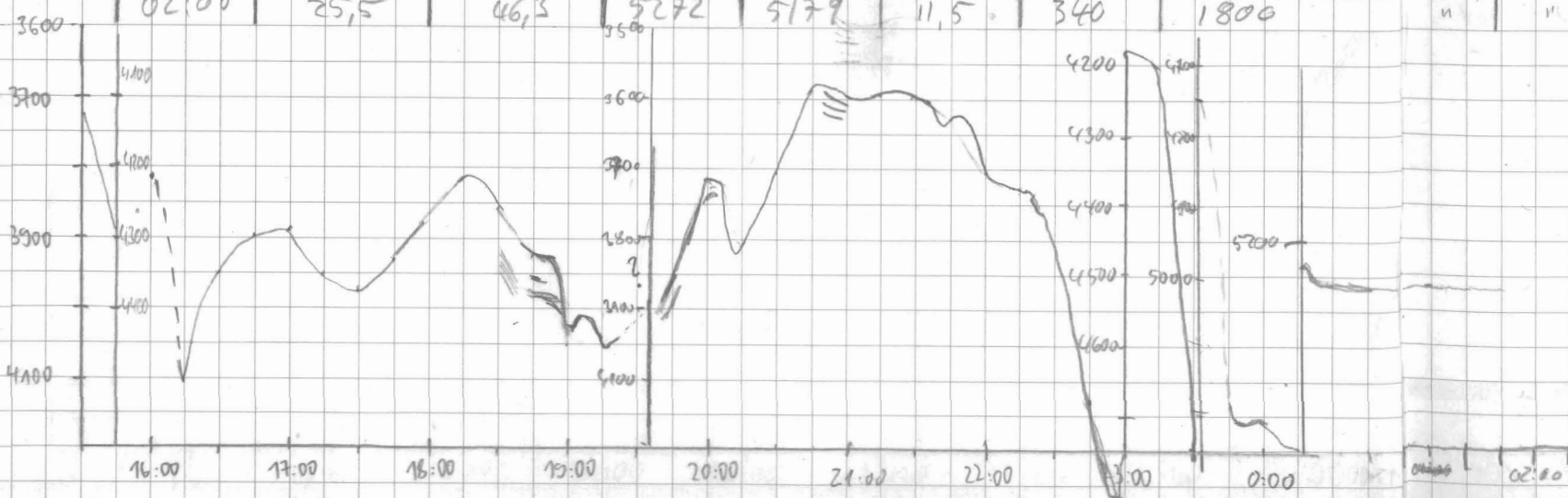
wieder besser 3:55 ET ~ 10m
ET ~ 10m, 4:10 fast kein Signal
fast kein Signal, zu stark Störungen

ET seit 4:00 ~ 25 m

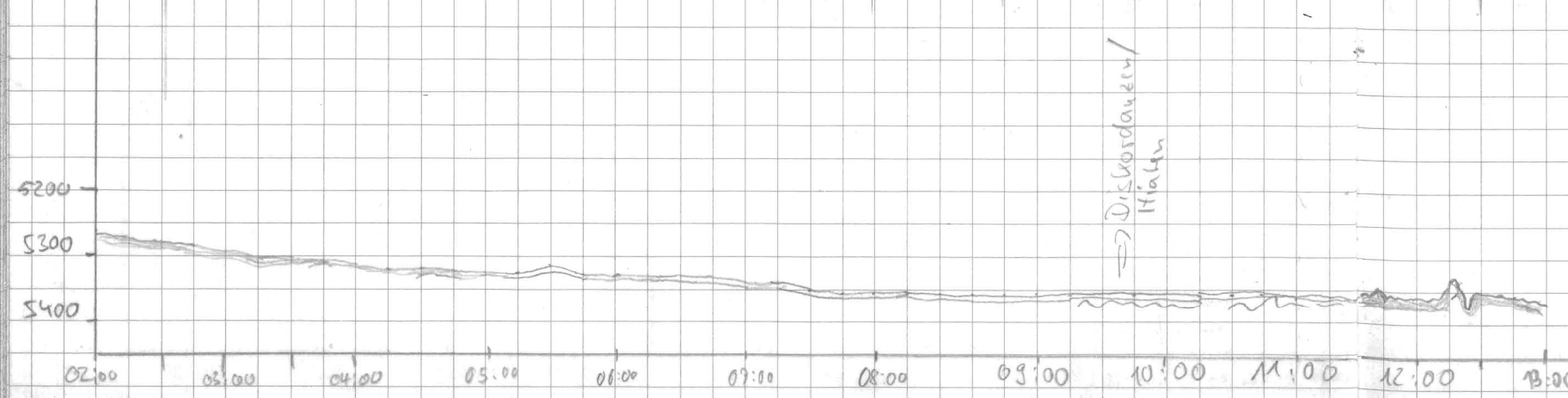
Datum	Zeit UTC	Breit S	Länge E	Tiefe PS	Tiefe HS	Geschw. [km]	Kurs [°]	max. Ampl. [mV]	Freq. PS	Probe	Rec. length	Wait time	Deso Rolle	Topf No	Wache	Bemerkung
8.3.97	05:15	65°00,6	00°16,8	3578	3505	11,1	30	1400	4	2	133	0	18	74	St. Schumacher	ET ~ 40m
	05:30	64°58,1	20,0	3490	3424	11,2	29	510	"	"	"	"	"	"	"	"
	05:45	55,8	23,2	3416	3351	11,7	32	410	"	"	"	"	"	"	"	"
	06:00	57,4	26,5	3360	3297	11,2	31	1400	"	"	"	"	"	75	"	06:00 Wechsel Topf 74 -> 75
	06:15	51,0	29,9	3294	3225	11,4	30	450	"	"	"	"	"	"	"	"
	06:30	48,5	32,2	3279	3196	11,0	29	1400	"	"	"	"	"	"	"	ET ~ 20m, 2 deutliche Reflektoren
	06:45	46,0	36,5	3254	3177	11,4	31	830	"	"	"	"	"	"	"	"
	07:00	43,6	39,8	3237	3158	11,2	30	1030	"	"	"	"	"	"	"	ET ~ 40m
	07:15	41,7	43,7	3219	3147	11,4	31	480	"	"	"	"	"	"	"	"
	07:30	38,6	46,3	3226	3151	11,6	29	1500	"	"	"	"	"	"	"	"
	07:45	36,2	49,5	3240	3160	9,2	28	2600	"	"	"	"	"	"	"	"
	08:00	33,2	52,7	3318	3238	11,6	29	700-1000	"	"	"	"	"	"	Diemann	"
	08:15	31,6	55,5	3377	3293	11,6	29	1000-1700	"	"	"	"	"	"	"	"
	08:30	28,8	59,0	3535	3436	11,3	29	400-700	"	"	"	"	"	"	"	"
	08:45	26,3	01° 02,2	3491	3401	10,6	29	300-600	"	"	"	"	"	"	"	"
	09:00	24,7	03,5	3380	3297	5,9	27,5	700-1300	"	"	"	"	"	"	"	"
	09:15	25,3	02,4	3505	3414	2,4	21,2	400-900	"	"	"	"	"	"	"	"
	09:30	25,9	01,5	3553	3460	3,1	21,4	800-1800	"	"	"	"	"	"	"	"
	09:45	26,6	00,5	3564	3469	1,7	20,2	300-1000	"	"	"	"	"	"	"	"
	10:00	27,0	00° 52,6	3622	3523	6,0	34,1	400-900	"	"	"	"	"	"	"	"
	10:15	25,7	01° 00,4	3602	3500	6,5	35	300-600	"	"	"	"	"	"	"	"
	10:30	24,3	02,5	3343	3270	7,2	33	600-900	"	"	"	"	"	"	"	"
	10:45	23,0	04,3	3389	3318	5,1	32	300-1500	"	"	"	"	"	"	"	"
	11:00	21,2	06,0	3436	3372	6,0	31	800-1200	"	"	"	"	"	"	"	"
	11:15	20,5	07,8	3752	3683	5,8	33	400-800	"	"	"	"	"	"	"	"
	11:30	19,4	09,6	3832	3756	5,7	33	500-1300	"	"	"	"	"	"	"	"
	11:45	18,2	11,3	3825	3750	5,6	34	1600-2000	"	"	"	"	"	"	"	ET: 35-40m
	12:00	16,9	13,1	3791	3719	5,2	31	400-600	"	"	"	"	"	"	"	"
	12:15	15,7	14,8	3770	3698	6,4	33	1000-1500	"	"	"	"	"	"	Hillenbrand	ET < 10m
	12:30	14,4	16,7	3682	3629	6,2	33	580-610	"	"	"	"	"	"	"	"
	12:45	13,1	18,6	3653	3598	6,3	32	500-1000	"	"	"	"	"	"	"	"
	13:00	11,8	20,5	3654	3577	6,3	33	400-1100	"	"	"	"	"	"	"	"
	13:15	10,5	22,4	3638	3552	6,1	35	600-1000	"	"	"	"	"	"	"	vorgeschlagener ODP-Bohrpunkt:
	13:30	09,2	24,3	3600	3513	6,3	34	1600-2100	"	"	"	"	"	"	"	UTC: 13:25h Lat.: 64°09,6'S Long.: 01°23,8'E
	13:45	07,9	26,3	3527	3445	6,2	32	1300-2100	"	"	"	"	"	"	"	Depth (PS): 3577m Depth (HS): 3455m
	14:00	06,6	28,1	3497	3417	6,1	29	1400	"	"	"	"	"	"	"	ET ~ 45m
	14:15	05,3	29,5	3458	3382	4,8	31,3	1400-2000	"	"	"	"	"	"	"	14:17 bis 14:25 Deso-Rolle hängt
	14:30	05,2	26,3	3463	3400	6,2	27,3	500-600	"	"	"	"	"	"	"	"
	14:45	05,2	23,0	3535	3463	6,4	27,0	1400-1800	"	"	"	"	"	"	"	ET ~ 60m
	15:00	05,2	19,4	3571	3494	6,0	27,2	1400-1800	"	"	"	"	"	"	"	"
	15:16	05,2	16,0	3615	3542	3,7	26,2	1600-2100	"	"	"	"	"	"	"	"



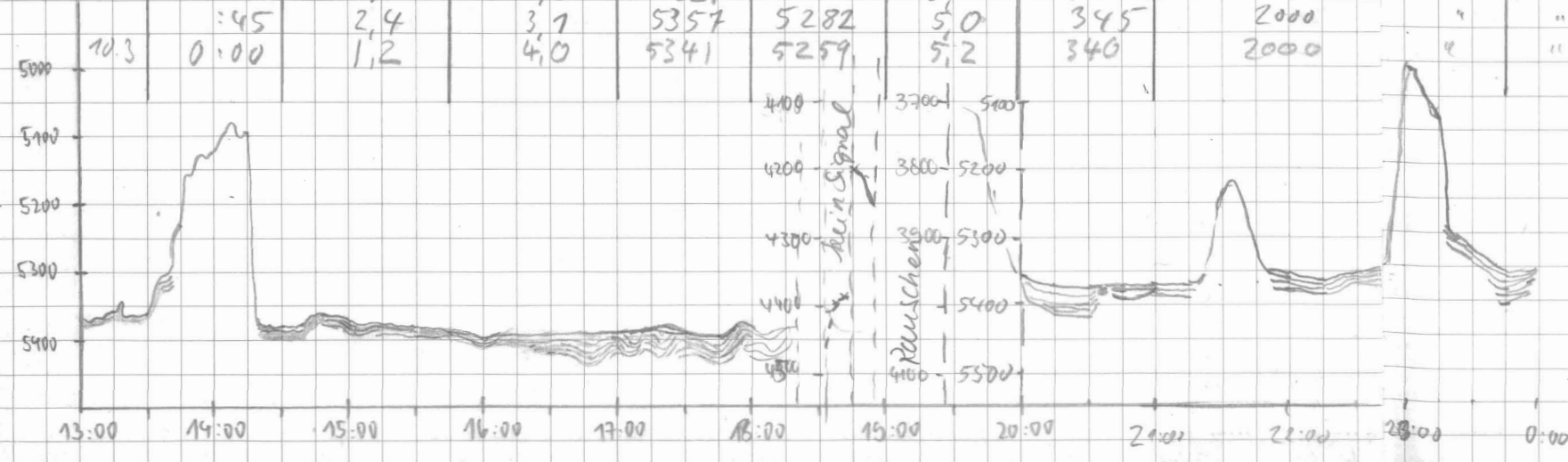
Datum	Zeit UTC	Breite S	Länge E	Tiefe PS	Tiefe HS	Geschw. [km]	Kurs [°]	max. Ampl. [mV]	Freq PS	Pulse	Rec Length	Wait Time	Deso Rolle	Tape No	S. Back-Up System	Bemerkung	
08.03.97	15:30	64° 05,2	01° 12,6	3723	3655	6,6	271	300-600	4	2	133	0	18	75	Hillenbrand immer noch Hillenbrand	Es ist zu warm hier!	
	15:45	05,2	09,0	3876	3799	5,9	267	1200-1400	"	"	"	"	"	"	"	Findet der Recorder auch	
	16:00	05,2	05,5	4216	4234	5,3	267		"	"	"	"	"	"	"		
	16:15	05,2	02,0	4505	4415	5,8	271		"	"	"	"	"	"	"	Zw. Abwechslung	
	16:30	05,2	00° 58,2	4354	4269	6,3	271		"	"	"	"	"	76	Jendis	16:15 PSS künst sich auf	
	16:45	05,2	55,6	4293	4193	5,7	267		"	"	"	"	"	"	"	"	Neustart
	17:00	05,2	51,1	4287	4213	6,5	269	2300	"	"	"	"	"	"	"	"	16:30 schon wieder
	17:15	05,2	47,4	4353	4283	6,4	270	2300	"	"	"	"	"	"	"	"	ab 16:45 Alles ist Gut!
	17:30	06,2	46,3	4372	4304	6,0	182	2500	"	"	"	"	"	"	"	"	Aber geringe Grundungstiefen!
	17:45	07,7	46,3	4326	4261	6,3	181	2200	"	"	"	"	"	"	"	"	
	18:00	09,2	46,3	4273	4212	6,1	180	1200	"	"	"	"	"	"	"	"	
	18:15	64° 10,241	0° 48,047	4213	4150	7,1	99	440	"	"	"	"	"	"	"	Robmann	
	18:30	64° 10,199	0° 51,439	4266	4197	6,2	91,4	1000	"	"	"	"	"	"	"	"	50 m unter Meeresboden starke Reflexion
	18:45	64° 10,141	0° 54,756	4325	4257	6,1	63,7	21000	"	"	"	"	"	"	"	"	
	19:00	64° 09,840	0° 58,030	4443	4373	5,6	93	21000	"	"	"	"	"	"	"	"	
	19:15	09 919	1° 04,280	4458	4386	5,8	91	900	"	"	"	"	"	"	"	"	
	19:30	09 313	1° 05,360	4493	4398	6,1	91	=	"	"	"	"	"	"	"	"	Kein Signal 3 ab 19:33 wieder
	19:45	09 931	1° 08,103	3858	3797	6,1	91	1000	"	"	"	"	"	"	"	"	Signal 4
	20:00	09 927	1° 11,614	3711	3654	6,4	93	615	"	"	"	"	"	"	"	"	
	20:15	9,9	15,1	3804	3747	6,1	90	1500	"	"	"	"	"	"	"	"	Ku Kur
20:30	9,4	17,2	3706	3657	6,1	71	700	"	"	"	"	"	"	"	"		
20:45	7,8	17,2	3581	3524	6,5	353	500-1100	"	"	"	"	"	"	"	"		
21:00	6,4	17,2	3538	3534	5,6	1	1400	"	"	"	"	"	"	"	"		
21:15	5,0	17,2	3594	3532	5,4	1	1200	"	"	"	"	"	"	"	"		
21:30	3,7	17,2	3596	3533	5,5	1	360	"	"	"	"	"	"	"	"		
21:45	2,3	17,2	3628	3563	5,7	1	670	"	"	"	"	"	"	"	St. Schmach		
22:00	1,0	17,2	3708	3636	5,3	353	700	"	"	"	"	"	"	"	CD	nur noch Rauschen, da Strahlung eingeholt	
22:15	0,9	16,2	3723	3808	2,8	233	500	"	"	"	"	"	"	"	"	wird	
22:30	1,2	15,2	3895	3881	1,1	239	758	"	"	"	"	"	"	"	"		
22:45	1,0	13,7	4147	4072	8,1	335	226	"	"	"	"	"	"	"	"		
23:00	63° 58,4'	11,5	4313	4202	12,0	341	1500	"	"	"	"	"	"	"	"	Ku Kur	
23:15	55,6	9,3	4243	4149	11,4	343		"	"	"	"	"	"	"	"		
23:30	53,0	7,1	4749	4650	11,5	340	1800	"	"	"	"	"	"	"	"		
23:45	50,8	4,7	-	5107	11,4	338		"	"	"	"	"	"	"	"		
09.03.97	0:00	47,6	2,5	5218	5125	11,8	341	1800-2200	"	"	"	"	"	"	"	St. Schmach	23:52 Tiefe PS 5218
	0:15	44,9	0,4	5251	5156	11,8	341	800	"	"	"	"	"	"	"	Urbeck	Eintragung fehlt, da R. Urbeck Wäsche von G. Kuhn aufgehängt hat
	0:30	42,0	0° 58,2	5240	5170	11,7	342	800	"	"	"	"	"	"	"	"	
	0:45	39,3	56,5	5267	5178	11,9	341	1400	"	"	"	"	"	"	"	"	
	0:1:00	36,6	54,3	5269	5179	11,6	344	2100	"	"	"	"	"	"	"	"	
	0:1:15	33,8	52,3	5274	5174	11,8	341	2200	"	"	"	"	"	"	"	"	
	0:1:30	31,1	50,3	5275	5182	11,6	343	1100	"	"	"	"	"	"	"	"	
	0:1:45	28,3	48,4	5275	5176	11,6	342	750	"	"	"	"	"	"	"	"	
0:2:00	25,5	46,3	5272	5179	11,5	340	1800	"	"	"	"	"	"	"	"		



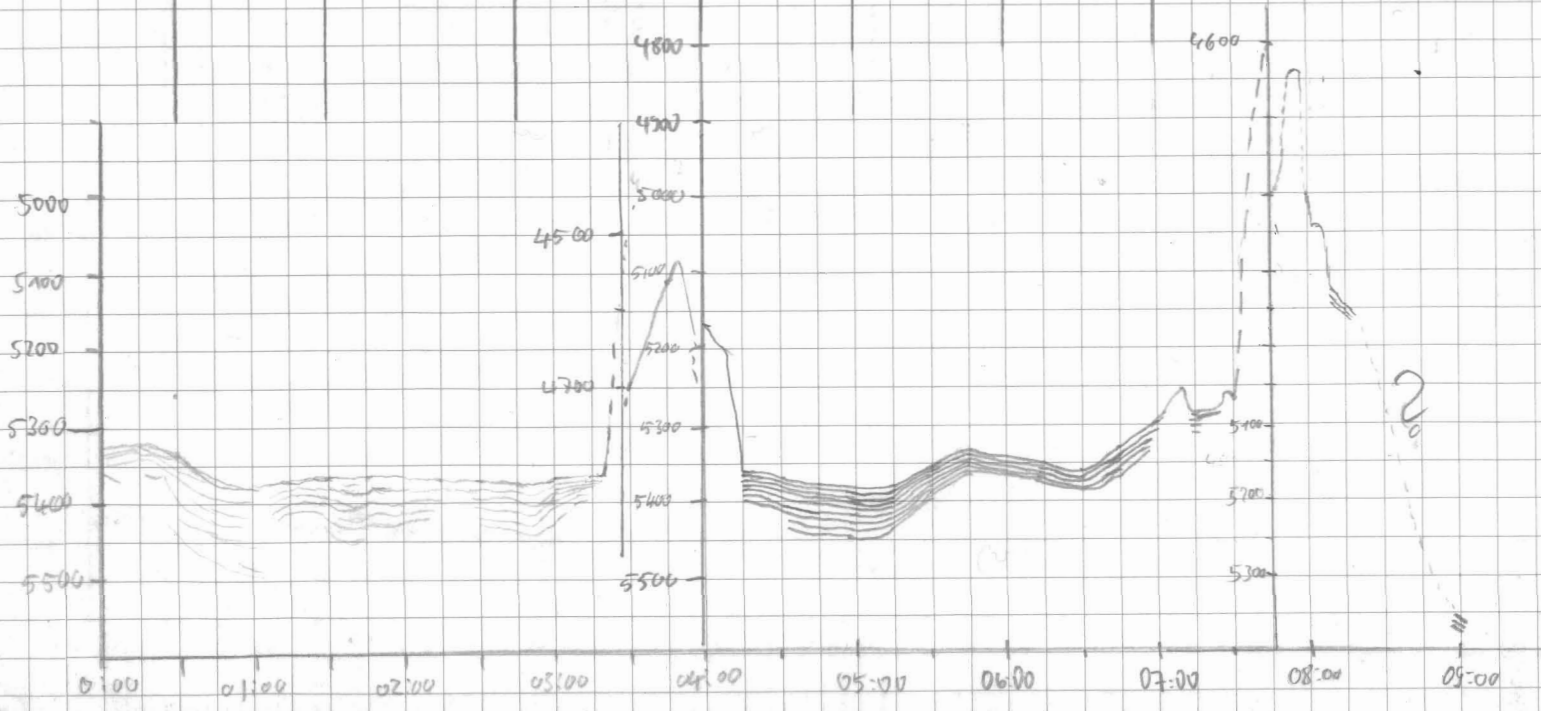
Datum	Zeit UTC	Range S	Course E (U)	Tiefe PS	Tiefe HS	Sp. Schw. (km)	Kurs [0]	Max. Ampl. [mV]	Freq. PS	Tiefe	Record Length	Wait time	Dasa Rolle	Tape No	Wache	Bemerkungen
09/03/97	02:15	63°23,0	0°44,3	5277	5191	11,5	339	3200	4	2	733	0	18	76	Unbef	
	:30	20,1	41,8	5288	5208	11,5	339	1800	"	"	"	"	"	"	"	"
	:45	17,5	39,6	5290	5211	11,2	341	2300	"	"	"	"	"	"	"	"
	03:00	15,6	37,2	5294	5216	11,7	337	2357	"	"	"	"	"	"	"	03:02 Tapewechsel: 76/77
	:15	12,0	34,7	5301	5206	11,7	337	1600	"	"	"	"	"	77	"	"
	:30	9,4	32,2	5303	5205	11,8	337	1200	"	"	"	"	"	"	"	"
	:45	6,7	30,0	5307	5210	11,7	340	2000	"	"	"	"	"	"	"	"
	04:00	3,8	27,6	5315	5216	11,7	337	1100	"	"	"	"	"	"	"	Mischmodus
	:15	1,1	25,3	5321	5227	11,0	339	860	"	"	"	"	"	"	"	"
	:30	62°58,4	22,9	5325	5239	11,7	338	810-1000	"	"	"	"	"	"	"	"
	:45	55,8	20,6	5324	5235	11,8	337	2000	"	"	"	"	"	"	"	"
	05:00	53,0	18,3	5325	5235	11,6	340	2400-2700	"	"	"	"	"	"	"	"
	:15	50,3	16,0	5329	5237	11,8	338		"	"	"	"	19	"	"	05:10 - 05:15 Wechsel Dasa Rolle, Neustart
	:30	47,5	13,6	5317	5238	11,5	338	1500-2300	"	"	"	"	"	"	"	"
	:45	44,9	11,2	5333	5245	11,5	337	1900-2600	"	"	"	"	"	"	"	"
	06:00	42,2	8,9	5329	5246	11,8	338	1500-1700	"	"	"	"	"	"	"	"
	:15	39,5	6,6	5323	5255	11,6	338	1500-1900	"	"	"	"	"	"	"	"
	:30	36,8	4,3	5333	5248	11,7	339	1700-2400	"	"	"	"	"	"	"	"
	:45	34,0	2,0	5338	5246	11,8	339	2100-3500	"	"	"	"	"	"	"	"
	07:00	31,5	0,2W	5344	5253	11,4	337	2100-4400	"	"	"	"	"	"	"	"
	:15	28,7	2,6W	5365	5246	11,5	342	2700-3800	"	"	"	"	"	"	"	"
	:30	26,4	4,7W	5350	5264	11,5	340	2000-2600	"	"	"	"	"	"	"	"
	:45	23,3	6,9W	5354	5255	11,6	341	2000-2800	"	"	"	"	"	"	"	"
	08:00	20,4'	08,1'	5354	5258	11,6	342	1800-2200	"	"	"	"	"	"	"	Beckmann Eindringtiefe: 20m
	08:15	17,9'	11,1'	5354	5258	11,5	340	1500-5000	"	"	"	"	"	"	"	"
	08:30	15,2'	13,1'	5354	5260	11,5	339	3597-4592	"	"	"	"	"	"	"	"
	08:45	12,7'	15,0'	5354	5264	11,6	341	2400-3600	"	"	"	"	"	"	"	"
	09:00	09,8'	17,2'	5354	5269	11,2	341	1600-3000	"	"	"	"	"	"	"	9:04: Neustart nach Fehler 064
	09:15	07,0'	19,3'	5355	5264	11,5	340	1600-3300	"	"	"	"	"	"	"	"
	09:30	04,3'	21,5'	5357	5268	11,5	339	1600-3300	"	"	"	"	"	"	"	Eindringtiefe bis zu 30m
	10:00								"	"	"	"	"	"	"	"
	10:15	61°56,0'	29,8'	5359	5259	11,9	341	1500-2000	"	"	"	"	"	"	"	"
	10:30	53,7'	31,7'	5359	5256	11,7	338	2500-4100	"	"	"	"	"	"	"	"
	10:45	50,9'	34,0'	5355	5260	12,0	339	1500-2800	"	"	"	"	"	"	"	"
	11:00	48,1'	36,2'	5361	5263	11,9	339	1200-1500	"	"	"	"	"	"	"	"
	11:15	45,2'	38,6'	5357	5257	12,8	339	1300-2300	"	"	"	"	"	"	"	11:16: Neustart nach Fehler 064
	11:30	42,3'	41,0'	5361	5263	11,8	340	1600-	"	"	"	"	"	"	"	"
	11:45	39,6'	43,3'	5358	5263	12,0	339	600-800	"	"	"	"	"	"	"	"
	12:00	36,9'	45,5'	5356	5267	12,0	338	1300-1900	"	"	"	"	"	"	"	Hilfsband ET-20m
	12:15	34,1'	47,8'	5339	5246	11,8	339	600-700	"	"	"	"	"	"	"	"
	12:30	31,4'	50,1'	5353	5267	11,9	337	800-1600	"	"	"	"	"	"	"	"
	12:45	28,7'	52,5'	5358	5265	11,7	337	1000-2300	"	"	"	"	"	"	"	12:54: Tapewechsel: 77/78
	13:00	26,1'	54,9'	5373	5288	11,5	336	1100-1300	"	"	"	"	"	78	"	"



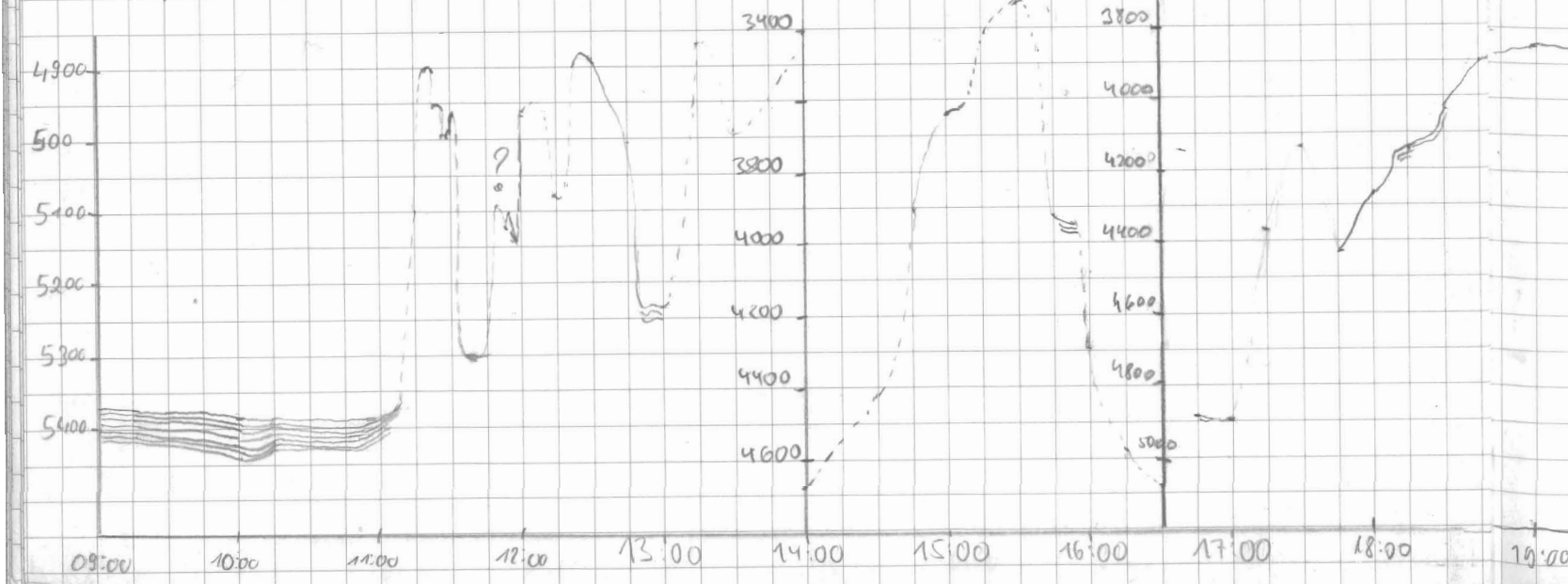
Datum	Zeit UTC	Breite ϕ	Länge λ	Tiefe PS	Tiefe HS	Geschw [km]	Kurs [°]	Max. Ampl. [mV]	Freq. PS	Pulse	Rec. Length	Wait time	Deso Kolle	Tape No	5. Back-Up System	Bemerkung
09/03/97	13:15	61° 23,4'	0° 57,3'	5360	5275	11,9	337	700-800	4	2	733	0	19	78	Hilfsband	ET ~ 30m
	13:30	20,7'	59,4'	5359	5267	11,8	343	1300-2400	"	"	"	"	"	"	"	
	13:45	17,9'	1° 01,2'	5244	5160	11,6	344	400-600	"	"	"	"	"	"	"	
	14:00	15,2'	03,3'	5130	5041	11,5	337	50-1800	"	"	"	"	"	"	"	
	14:15	12,5'	05,6'	5059	5186	11,4	339	700-400	"	"	"	"	"	"	"	
	14:30	09,9'	07,8'	5383	5302	11,8	338	1100-2000	"	"	"	"	"	"	"	ET ~ 30m
	14:45	06,5'	10,6'	5364	5282	11,4	338	1000-2300	"	"	"	"	"	"	"	
	15:00	04,6'	12,2'	5370	5286	11,4	338	1000-1500	"	"	"	"	"	"	"	
	15:15	02,0'	14,3'	5376	5294	11,4	338	900-1400	"	"	"	"	"	"	"	
	15:30	60° 59,3'	16,5'	5387	5288	11,4	339	1000-2100	"	"	"	"	"	"	"	
	15:45	56,7'	18,8'	5384	5296	11,1	338	500-1000	"	"	"	"	"	"	"	
	16:00	54,0'	20,9'	5392	5309	11,0	338	500-1100	"	"	"	"	"	"	Thalunam	ET ~ 25m
	16:15	51,4	22,9	5384	5308	11,1	338	500-1500	"	"	"	"	"	"	"	
	16:30	48,8	25,1	5386	5310	11,5	337	500-800	"	"	"	"	"	"	"	ET ~ 40m
	16:45	46,2	27,2	5384	5307	11,2	339	600-1200	"	"	"	"	"	"	"	
	17:00	43,5	29,3	5383	5300	10,9	340	700-1500	"	"	"	"	"	"	"	
	17:15	40,7	31,4	5378	5290	11,6	338	1600-9000	"	"	"	"	"	"	"	ET ~ 60m
	17:30	38,2	33,5	5383	5303	11,3	338	1000-2000	"	"	"	"	"	"	"	
	17:45	35,8	35,4	5390	5310	11,1	339	1000-3000	"	"	"	"	"	"	"	ET ~ 70m
	18:00	60° 33,0	1° 37,6	5373	5286	11,1	340	1178	"	"	"	"	"	"	266a	ET ~ 70m
	15	60° 30,4	39,5	5359	5268	11,2	340	2787-3820	"	"	"	"	"	"	"	ET ~ 60m
	30	27,8	41,4	5354	5250	11,1	344	48,2	"	"	"	"	"	"	"	
	45	25,2	42,9	-	4193	10,8	342	324,4	"	"	"	"	"	"	"	Parasound-Tiefe feld -> zu steil
	19:00	23,0	45,0	-	4019	5,2	280,4	824-1130	"	"	"	"	"	"	"	
	15	23,8	46,8	3879	3927	4,2	285	769	"	"	"	"	"	"	"	nur Parasound (Stream geht raus)
	30	22,9	48,5	-	4002	6,2	341,9	273-789	"	"	"	"	"	"	"	Heißer Hazy -> kein Signal
	45	21,6	49,4	-	4858	5,7	339,6	248-657	"	"	"	"	"	"	"	
	20:00	20,2	50,4	5359	5254	5,7	341	1400	"	"	133	"	"	"	Kuhm	
	15	18,9	51,4	5378	5272	5,6	338	3200	"	"	266	"	"	"	"	
	30	17,6	52,3	5377	5282	4,8	343	6100	"	"	"	"	"	"	"	
	45	16,5	53,7	5376	5281	5,0	342	6900	"	"	"	"	"	"	"	
	21:00	15,3	54,0	5377	5291	5,2	340	2500	"	"	"	"	"	"	"	
	15	14,7	54,8	5365	5283	4,8	342	1800	"	"	"	"	"	"	"	
	30	13,0	55,6	5238	5166	5,2	341	1000	"	"	"	"	"	"	"	
	45	11,8	56,4	(5000)	5219	4,7	340	1200	"	"	"	"	"	"	"	
	22:00	10,6	57,3	5348	5289	5,7	341	1400	"	"	"	"	"	79	"	Tape 78 -> 79
	15	9,5	58,1	5363	5297	5,7	338	1800	"	"	"	"	"	"	"	
	30	8,3	58,9	5353	5279	4,9	307	3500	"	"	"	"	"	"	"	
	45	7,7	59,8	5352	5278	4,9	342	3300	"	"	"	"	"	"	"	
	23:00	5,9	2° 00,6'	5089	5019	4,7	335	900	"	"	"	"	"	"	"	
	15	4,9	1,5'	5130	5117	4,9	343	1200	"	"	"	"	"	"	"	
	30	3,6	2,2	5324	5250	5,1	339	1200	"	"	"	"	"	"	"	
	45	2,4	3,7	5357	5282	5,0	345	2000	"	"	"	"	"	"	"	
	0:00	1,2	4,0	5341	5259	5,2	340	2000	"	"	"	"	"	"	Unklar	



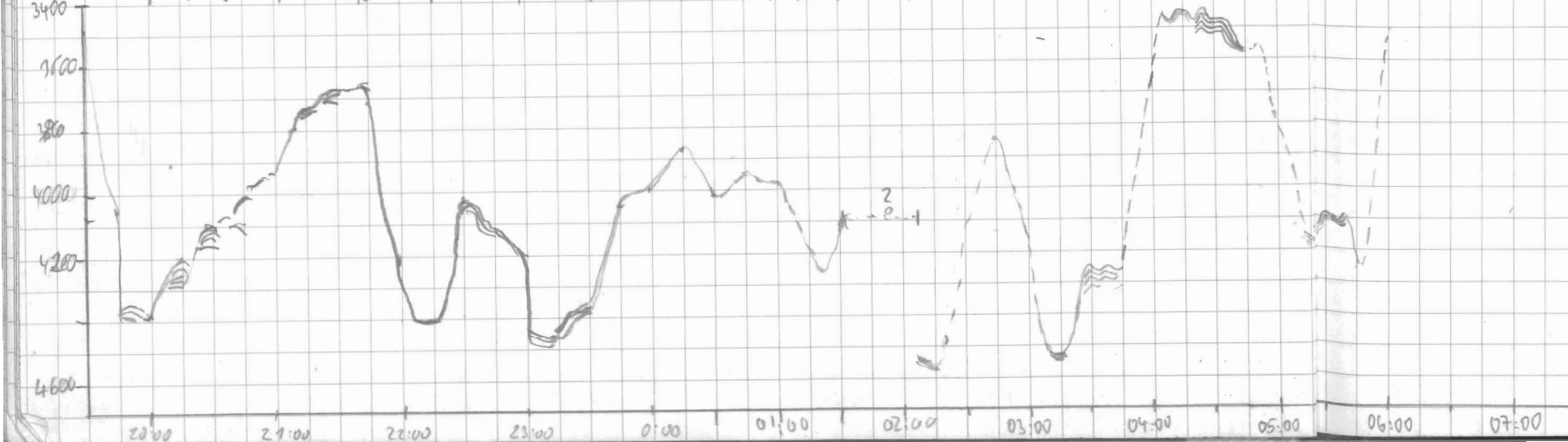
Datum	Zeit	Breite S	Länge W	Tiefe PS	Tiefe HS	Spektrum [KHz]	Kurs [0.7]	Max. Ampl. [mV]	Freq. PS	Probe	Record Length	Wait time	PS-a Polar	Type ID	Wade	Bemerkungen
10/03/97	0:15	60°00,0	20°04,8	5325	5244	5,0	340	1000	4	2	266	0	19	79	Unter	
	30	59°58,7	05,7	5341	5282	5,1	338	1000	"	"	"	"	"	"	"	
	45	57,6	6,5	5372	5303	5,4	354	1500	"	"	"	"	"	"	"	ET ~ 150m
01:00	15	55,8	7,1	5379	5313	5,6	338	1200	"	"	"	"	"	"	"	ET ~ 50m
	30	54,6	8,0	5376	5315	5,6	340	2000	"	"	"	"	"	"	"	ET ~ 100m
	45	53,4	8,9	5376	5318	5,2	338	2700	"	"	"	"	"	"	"	
	15	52,1	10,0	5371	5310	5,4	337	2000	"	"	"	"	"	"	"	
02:00	30	50,9	11,0	5365	5299	5,3	336	900	"	"	"	"	"	"	"	
	45	49,6	12,0	5367	5291	5,3	336	1400	"	"	"	"	"	"	"	
	15	48,3	12,9	5370	5291	5,4	341	1500	"	"	"	"	"	"	"	
	30	47,1	13,8	5378	5305	5,9	342	1600	"	"	"	"	"	"	"	
	45	45,7	14,7	5368	5297	5,5	340	700	"	"	"	"	"	"	"	
03:00	15	44,5	15,6	5365	5286	5,2	340	700	"	"	"	"	"	"	"	
	30	43,3	16,8	(4697, 3:32)	4788	5,0	276	200	"	"	"	"	"	"	"	keine Reflektoren, keine PS Tiefe, zu steil
	45	44,2	18,3	4567	4639	5,1	196	400	"	"	"	"	"	"	"	
04:00	15	45,6	19,1	5176	5086	5,8	202	300	"	"	"	"	"	"	Hillenbrand	
	30	46,8	19,6	5364	5311	5,2	228	1500	"	"	"	"	"	"	"	ET ~ 80m
04:15	45	46,8	17,2	5372	5317	5,2	93	1200	"	"	"	"	"	"	"	
04:30	15	46,8	14,8	5375	5324	5,2	91	1200	"	"	"	"	"	"	"	05:10: Kreuzungspunkt: 59°46,798' S, 02°10,610' W
04:45	30	46,8	12,3	5382	5332	5,2	89	1600	"	"	"	"	"	"	"	HS: 5333m, PS: 5379m; ET ~ 110m
05:00	45	46,6	09,9	5376	5350	4,4	45	2300	"	"	"	"	"	"	"	05:22: Tapewechsel 72/80
05:15	15	45,4	08,9	5354	5304	5,3	20	1000	"	"	"	"	"	80	"	ET ~ 70m
05:30	30	44,1	08,0	5337	5285	5,9	22	1400	"	"	"	"	"	"	"	
05:45	45	42,9	07,0	5341	5287	5,5	22	2800	"	"	"	"	"	"	"	
06:00	15	41,6	06,1	5350	5291	4,8	21	1500	"	"	"	"	"	"	"	
06:15	30	40,3	05,2	5353	5285	5,4	20	1200	"	"	"	"	"	"	"	
06:30	45	38,8	04,0	5327	5260	5,6	23	1500	"	"	"	"	"	"	"	ET ~ 100m
06:45	15	37,8	03,3	5297	5215	5,3	22	800	"	"	"	"	"	"	"	
07:00	30	36,6	02,4	5281	5208	5,3	20	500	"	"	"	"	"	"	"	
07:15	45	35,3	01,5	5259	5203	5,6	20	600	"	"	"	"	"	"	"	07:31 keine Reflektoren erkennbar
07:30	15	33,7	00,3	4800	4743	5,6	20	300	"	"	"	"	"	"	"	07:55 schwache Reflektor 4645
07:45	30	32,8	1°59,5	4809	4736	5,8	23	600	"	"	"	"	"	"	SI-Schmucke	08:11 deutliche Reflektoren
08:00	45	31,5	58,6	4950	4882	5,4	17	450	"	"	"	"	"	"	"	08:19 keine Reflektoren
08:15	15	30,2	57,5	—	5254	5,5	20	—	"	"	"	"	"	"	"	Reflektor, aber falsche PS Tiefe
08:30	30	28,9	56,7	—	5276	4,8	19	—	"	"	"	"	"	"	"	Reflektor bei 5070, PS Tiefe falsch bei 46170
08:45	45	27,7	55,9	5374	5269	5,2	21	700	"	"	"	"	"	"	"	Neustart, Reset, channel 2 → channel 1



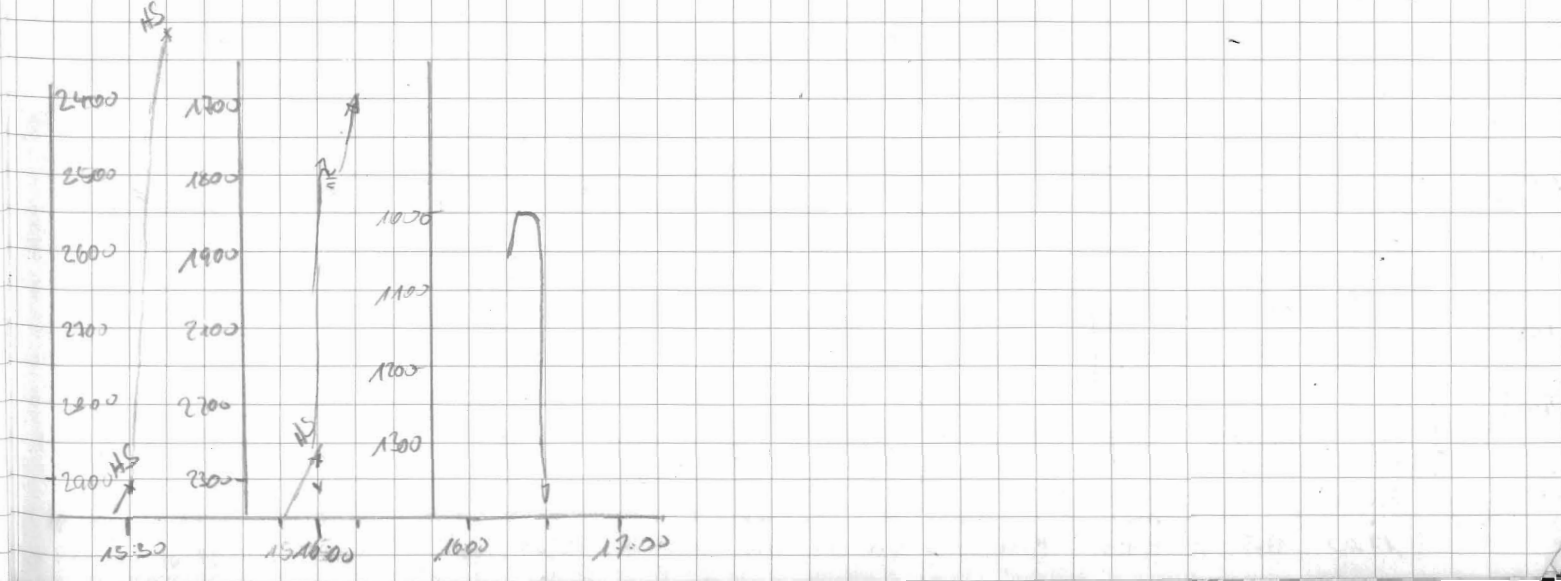
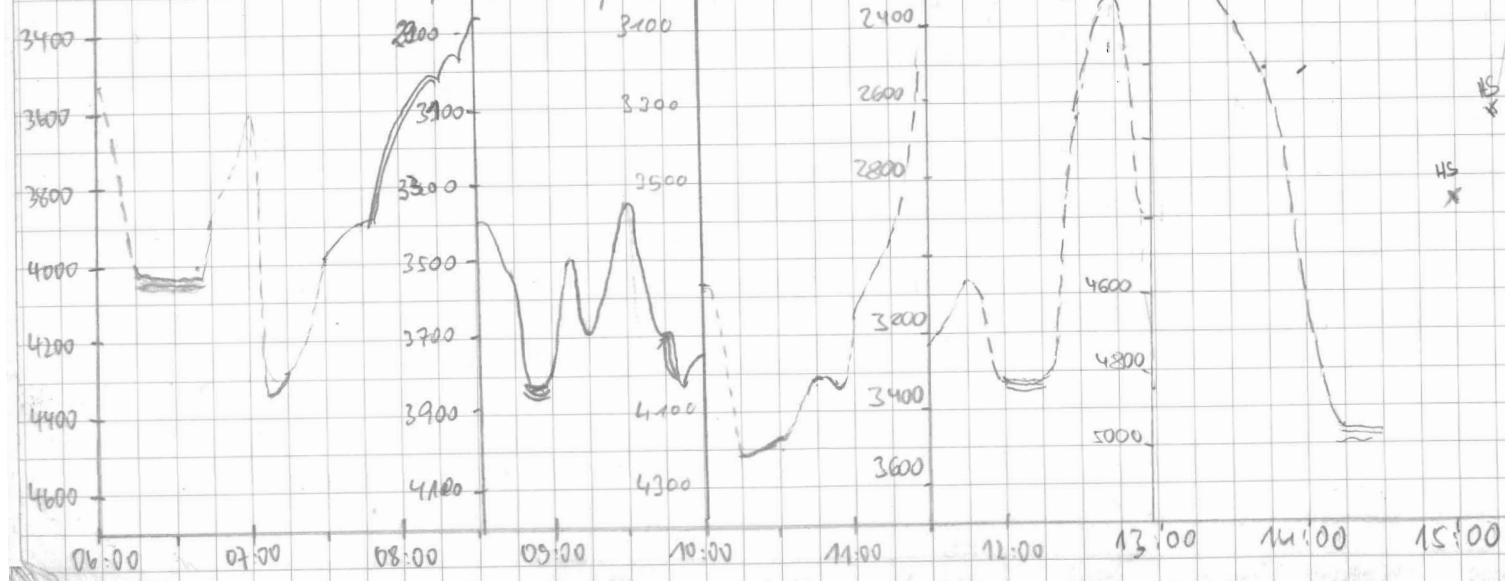
Datum	Zeit UTC	Breit S	Länge W	Tiefe PS	Tiefe 1-15	Gaschar [Am]	Kurs [°]	max. Ampl. [mV]	Freq. PS	Pulse	Record length	Wcut time	Dosa Rolle	Tape No	Woche	Bemerkunge
10.03.97	09:15	59° 26,6	10 55,0	5378	5267	4,8	23	650 - 1300	4	2	266	0	19	80	St. Schumacher	ET ~ 80m
	09:30	25,4	54,1	5377	5275	5,6	25	1000 - 1800	"	"	"	"	"	"	"	"
	09:45	24,2	53,2	5376	5273	4,9	19	1000 - 1800	"	"	"	"	"	"	"	"
	10:00	22,9	52,3	5385	5282	5,8	20	700 - 1200	"	"	"	"	"	"	"	"
	10:15	21,7	51,5	5390	5296	5,1	19	900 - 1500	"	"	"	"	"	"	"	"
	10:30	20,5	50,6	5394	5348	5,4	20	1200 - 1600	"	"	"	"	"	"	"	"
	10:45	19,3	50,3	5393	5319	4,0	3	900 - 1300	"	"	"	"	"	"	"	"
	11:00	18,7	50,1	5388	5311	3,1	354	580 - 1100	"	"	"	"	"	"	"	11:13 keine Reflektion
	11:15	17,7	49,2	5400	5150	6,4	21	190 - 240	"	"	"	"	"	"	"	11:21 geringe Reflektion
	11:30	15,7	47,9	4969	5051	11,3	21	150 - 520	"	"	"	"	"	"	"	keine Reflektion, 11:34 geringe Reflektion, 11:40 keine Reflektion kein Signal
	11:45	12,8	45,9	—	5134	11,6	21	160 - 530	"	"	"	"	"	"	"	"
	12:00	10,2	43,9	4966	4948	11,5	22	170 - 400	"	"	"	"	"	"	"	"
	12:15	07,5	41,7	25086	5005	11,3	25	170 - 600	"	"	"	"	"	"	Deilmann	"
	12:30	04,3	39,2	4878	4800	11,4	25	200 - 600	"	"	"	"	"	"	"	"
	12:45	02,2	36,9	5007	4971	11,6	24	200 - 800	"	"	"	"	"	81	"	Typ-Wechsel: 12:45 Uhr
	13:00	58° 59,5	34,7	5239	5144	11,9	21	500 - 1200	"	"	"	"	"	"	"	Eindringtiefe: 30m
	13:15	56,9	32,7	4862	4862	11,5	20	200 - 600	"	"	"	"	"	"	"	"
	13:30	54,2	31,1	4984	4906	20,5	12	300 - 700	"	"	"	"	"	"	"	"
	14:00	48,9	27,3	4627	4629	11,2	18	200 - 700	"	"	"	"	"	"	"	"
	14:15	46,3	25,6	—	4418	11,1	21	130 - 700	"	"	"	"	"	"	"	"
	14:30	43,6	23,7	4423	4340	11,5	21	300 - 2700	"	"	"	"	"	"	"	"
	14:45	40,9	21,9	3900	3829	11,5	21	100 - 600	"	"	"	"	"	"	"	"
	15:00	38,2	19,9	3640	3549	11,8	20	200 - 1500	"	"	"	"	"	"	"	"
	15:15	35,3	17,9	3430	3357	11,7	23	300 - 900	"	"	"	"	"	"	"	"
	15:30	32,5	16,0	3328	3310	11,2	21	300 - 600	"	"	"	"	"	"	"	"
	15:45	30,4	14,1	29101?	4119	11,5	18	600 - 200	"	"	"	"	"	"	"	"
	16:00	27,7	12,4	4300?	4200	11,2	18	2700 - 1500	"	"	"	"	"	"	Boris	"
	16:15	25,0	10,8	4595	4479	11,5	19,6	400 - 700	"	"	"	"	"	"	"	"
	16:30	22,3	09,1	4688	4595	11,4	18	460 - 530	"	"	"	"	"	"	"	"
	16:45	19,5	06,9	4890?	4791	11,3	23	470 - 530	"	"	"	"	"	"	"	"
	17:00	16,9	04,8	4893	4799	11,8	24,1	1000 - 1800	"	"	"	"	"	"	"	"
	17:15	14,3	02,8	4390?	4321	11,9	21,7	430 - 1600	"	"	"	"	"	"	"	"
	17:30	11,5	01,0	4136	4080	11,4	17	300 - 600	"	"	"	"	"	"	"	"
	17:45	09,0	0 59,4	4470	4336	11,4	18	560 - 380	"	"	"	"	"	"	"	"
	18:00	06,1	57,5	4677	4602	11,4	23	400 - 1000	"	"	"	"	"	"	Rudberg	"
	18:15	03,5	55,5	4453	4079	11,2	21	700 - 900	"	"	"	"	"	"	"	"
	18:30	00,9	53,3	4058	3964	11,7	22	700 - 700	"	"	"	"	"	"	"	"
	18:45	57° 57,2	51,3	3908	3836	11,4	23	300 - 900	"	"	"	"	"	"	"	"
	19:00	55,5	49,4	3855	3799	12,0	22	300 - 700	"	"	"	"	"	"	"	"
	19:15	52,8	47,5	3866	3804	11,7	19,6	300 - 700	"	"	"	"	"	"	"	"



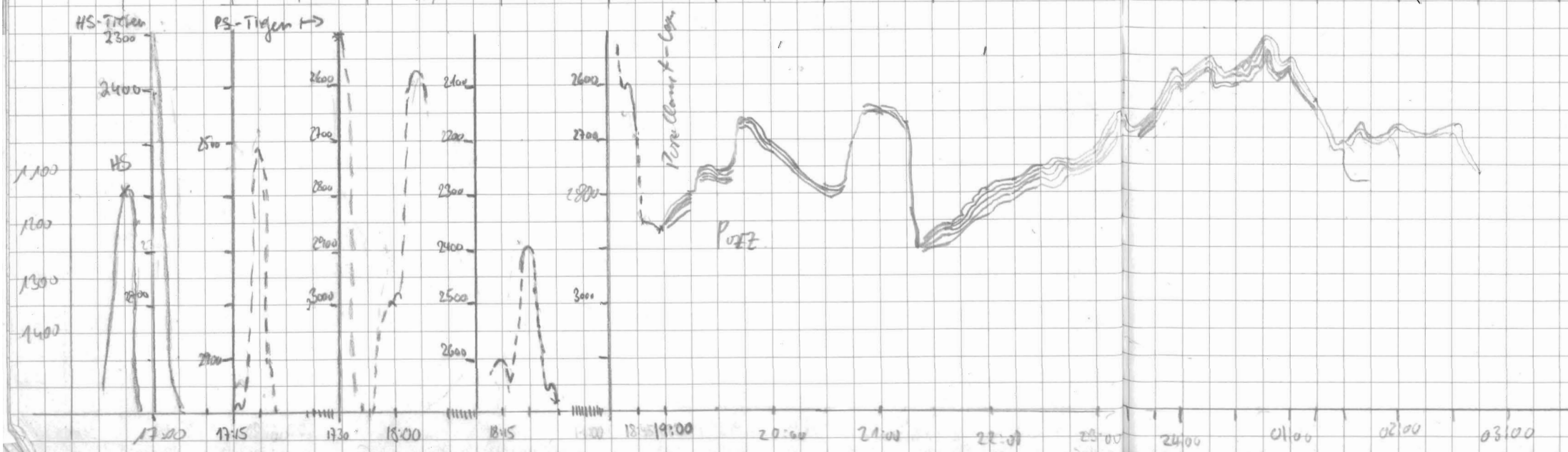
Datum	Zeit UTC	Breite S	Länge W/E	Tiefe M	Tiefe Hf	Geschw. (km)	Kurs [°]	max. Ampl. (km V)	Freq. Hz	PWRE	Record length	Unit T/AL	Dero Rolle	Tape No	Wacht	Bemerkungen	
10.3.97	19:30	57° 50,0	0° 45,7 W	3484	3998	11,0	17	100-600	4	2	268	0	19	81	Kuehberg		
	19:45	47,3	44,1 W	4067	4150	11,4	18	600-1500	"	"	"	"	"	"	"		
	20:00	44,6	42,4 W	4198	4136	11,4	20		"	"	"	"	"	"	"	Kuehberg	
	:15	41,9	40,6	4190	4100	11,5	19	800	"	"	"	"	"	"	"	"	
	:30	39,3	39,0	4096	4029	11,0	20	700	"	"	"	"	"	"	"	"	20:43 Tape 81 → 82
	:45	36,6	37,0	-	4125	11,4	21	600	"	"	"	"	"	82	"	"	
	21:00	34,0	35,1	3928	3919	11,1	21	700	"	"	"	"	"	"	"	"	
	:15	31,5	33,0	3734	3667	11,3	27	1000	"	"	"	"	"	"	"	"	
	:30	29,0	30,7	3688	3614	11,3	26	800	"	"	"	"	"	"	"	"	
	:45	26,3	28,9	3663	3618	11,4	18	700	"	"	"	"	"	"	"	"	
	22:00	23,6	27,3	4215	4122	11,4	16	700	"	"	"	"	"	"	"	"	
	:15	20,9	25,8	4309	4219	11,2	16	500	"	"	"	"	"	"	"	"	
	:30	18,3	24,1	4039	3947	11,4	21	1000	"	"	"	"	"	"	"	"	
	:45	15,6	22,3	4141	4038	11,5	22	870	"	"	"	"	"	"	"	"	
	23:00	12,9	20,3	-	4193	11,5	21	-	"	"	"	"	"	"	"	"	
	:15	10,3	18,4	-	4307	11,2	22	900	"	"	"	"	"	"	"	"	
	:32	7,3	16,2	4384	4273	11,5	23	400	"	"	"	"	"	"	"	"	
	01:45	5,0	14,4	4058	3982	11,2	23	800	"	"	"	"	"	"	"	Unklar	
	11.3.97	01:00	2,6	12,3	3938	3858	12,2	26	300	"	"	"	"	"	"	"	Kaum Signal, läuft
		01:15	58° 59,9	10,5	3833	3772	10,6	19	600	"	"	"	"	"	"	"	"
:30		57,3	8,9	4013	3888	10,7	19	200	"	"	"	"	"	"	"	"	
:45		54,6	07,1	3947	3890	11,2	20	320	"	"	"	"	"	"	"	"	
01:00		52,0	5,4	3970	3911	11,1	19	300	"	"	"	"	"	"	"	"	
:15		49,3	03,5	-	4212	11,1	20	1373	"	"	"	"	"	"	"	"	PS falsche Tiefe (2320)
:30		46,8	01,9	4122	4092	11,1	20	-	"	"	"	"	"	"	"	"	PS falsche Tiefe (2320)
:45		44,3	02	-	3934	11,1	19	300	"	"	"	"	"	"	"	"	02:07 wieder richtig & refle.
02:00		41,6	1,5 E	-	4388	11,4	19	300	"	"	"	"	"	"	"	"	02:16 vorbei
:15		38,9	3,3 E	4590	4418	11,3	23	400	"	"	"	"	"	"	"	"	
:30		36,4	5,1 E	-	4189	11,1	20	260	"	"	"	"	"	"	"	"	
:45		33,8	6,9	3846	3807	11,2	20	260	"	"	"	"	"	"	"	"	
03:00		31,3	8,5	4140	4099	11,2	20	220	"	"	"	"	"	"	"	"	
:15		28,6	10,3	4516	4417	10,8	21	3000	"	"	"	"	"	"	"	"	wieder gut (03:15)
:30		26,0	12,0	4256	4166	11,2	22	920	"	"	"	"	"	"	"	"	ET ca. 50m
:45		23,5	13,8	4261	4163	10,7	22	2800	"	"	"	"	"	"	"	"	Hillenbund
04:00		21,1	15,5	/	3684	10,9	21	/	"	"	"	"	"	"	"	"	
:15		18,5	17,3	3454	3376	10,5	22	1500	"	"	"	"	"	"	"	"	
:30		16,1	19,0	3485	3408	10,8	19	1000	"	"	"	"	"	"	"	"	ET ca. 80m
:45		13,6	20,7	/	3520	10,6	21	/	"	"	"	"	"	"	"	"	04:56: Tapewechsel 82/83
05:00	11,2	22,2	/	3757	10,2	19	/	"	"	"	"	"	"	83	"	ab 04:30: keine PS-Tiefe mehr	
:15	08,8	23,8	/	4152	10,1	21	/	"	"	"	"	"	"	"	"		
:30	06,3	25,4	/	4101	10,5	21	/	"	"	"	"	"	"	"	"		
:45	03,9	27,1	4261	4169	10,5	23	300	"	"	"	"	"	"	"	"	05:39h: Neustart, da keine Tiefenangabe	
06:00	01,5	28,7	3528	3491	10,7	19	630	"	"	"	"	"	"	"	"		



Datum	Zeit UTC	Breite S	Länge E	Tiefe PS	Tiefe HS	Geschw. [km]	Kurs [°]	Max. Amplitude [mV]	Freq ps	Pulse	Record Length	Wait Time	Deso-Rolle	Tape No	Wache	Bemerkung
11.3.97	06:15	55° 59,0	0° 30,3	/	3952	10,5	20	/	4	2	266	0	19	83	Hillenbrand	falsche Tieten, fast kein Signal
	06:30	56,5	31,9	4043	3968	10,8	20	500	"	"	"	"	"	"	"	"
	06:45	53,9	33,6	3887	3859	10,9	20	700	"	"	"	"	"	"	"	"
	07:00	51,4	35,3	3636	3621	10,5	21	350	"	"	"	"	"	"	St. Schumacher	"
	07:15	48,9	36,9	4283	4223	10,9	19	210 - 470	"	"	"	"	"	"	"	"
	07:30	46,5	38,6	3985	3944	10,7	20	780 - 800	"	"	"	"	"	"	"	"
	07:45	44,0	40,2	3848	3771	11,0	20	520	"	"	"	"	"	"	"	"
	08:00	55° 41,4 S	0° 41,9 E	3600	3581	10,7	20	570 - 700	"	"	"	"	"	"	"	WL
	08:15	39,9	43,6	3504	3455	11,1	21	500 - 1500	"	"	"	"	"	"	"	WL
	08:30	36,3	45,3	3415	3350	10,8	22	350 - 650	"	"	"	"	"	"	"	"
	08:45	33,8	46,9	-	3366	10,1	20	300 - 600	"	"	"	"	"	"	"	"
	09:00	55° 31,5 S	0° 48,4 E	3308	3226	9,5	20	300 - 700	"	"	"	"	"	"	"	"
	09:15	29,1	50,0	3704	3646	9,5	20	300 - 700	"	"	"	"	"	"	"	"
	09:30	26,8	51,4	3329	3260	11,5	19	300 - 600	"	"	"	"	"	"	"	"
	09:45	24,3	53,0	-	3629	10,4	19	400 - 1000	"	"	"	"	"	"	"	"
	10:00	55° 21,8 S	0° 54,7 E	3785	3711	10,2	21	300 - 1100	"	"	"	"	"	"	"	"
	10:15	19,4	56,4	4226	4128	11,1	20	1600 - 2200	"	"	"	"	"	"	St. Schumacher	deutlicher Reflektor ET ~ 10m
	10:30	16,8	57,9	4173	4072	10,7	21	1100 - 1800	"	"	"	"	"	"	"	ET ~ 20m
	10:45	14,3	59,6	4022	3938	10,6	19	1700 - 1900	"	"	"	"	"	"	"	"
	11:00	11,8	1° 01,4	4138	4020	10,6	21	260	"	"	"	"	"	"	"	"
	11:15	09,5'	03,1'	~(3950)	3837	10,9	23	300 - 600	"	"	"	"	"	"	Julmann	"
	11:30	06,8'	05,0'	3224	3203	11,6	17	200 - 600	"	"	"	"	"	"	"	"
	11:45	04,0'	06,5'	3078	3244	10,4	15	200 - 600	"	"	"	"	"	"	"	"
	12:00	01,6'	07,8'	3315	3283	11,0	17	1400 - 3100	"	"	"	"	"	"	"	"
	12:15	54° 59,1'	09,9'	3318	3285	11,0	22	200 - 600	"	"	"	"	"	"	"	"
	12:30	56,6'	11,7'	2637	2524	10,9	15	300 - 600	"	"	"	"	"	"	"	"
	12:45	54,0'	13,1'	-	2223	11,3	15	300 - 600	"	"	"	"	"	"	"	"
	13:00	48,7'	16,4'	3342	3258	11,6	25	800 - 1200	"	"	"	"	"	"	"	"
	13:15	46,2'	18,5'	3718	3648	11,3	24	300 - 5000	"	"	"	"	"	"	"	13:35: Tapwechsel
	13:45	43,2'	20,5'	4006	4028	11,2	20	200 - 600	"	"	"	"	"	84	"	"
	14:00	41,1'	21,9'	-	4638	11,2	20	300 - 700	"	"	"	"	"	"	"	"
	14:15	38,5'	23,6'	4951	4854	11,4	22	700 - 2500	"	"	"	"	"	"	"	Eindring tiefe: 20-40m
	14:30	35,9'	25,0'	4412	4819	10,4	17	300 - 1100	"	"	"	"	"	"	"	"
	14:45	33,1'	26,4'	-	4674	11,2	15	200 - 500	"	"	"	"	"	"	"	"
	15:00	54° 30,612	1° 27,732	/	4474	11,3	22	355	"	"	"	"	"	"	Ritzmann	Vaun Signal!
	15:15	28,275	29,461	/	3960	11	22,0	316	"	"	"	"	"	"	"	"
	15:30	25,622	31,291	/	2917	10,8	23	331	"	"	"	"	"	"	"	"
	15:45	23,455	32,688	/	2210	11,1	8,3	243	"	"	"	"	"	"	"	"
	16:00	20,862	34,301	2289	2276	10,0	22	286	"	"	"	"	"	"	"	"
	16:15	18,305	36,183	/	1407	27,0	24	341	"	"	"	"	"	"	"	"
	16:30	15,812	37,746	/	1618	10,5	16	539	"	"	"	"	20	"	"	Rollenwechsel 20 angelegt!



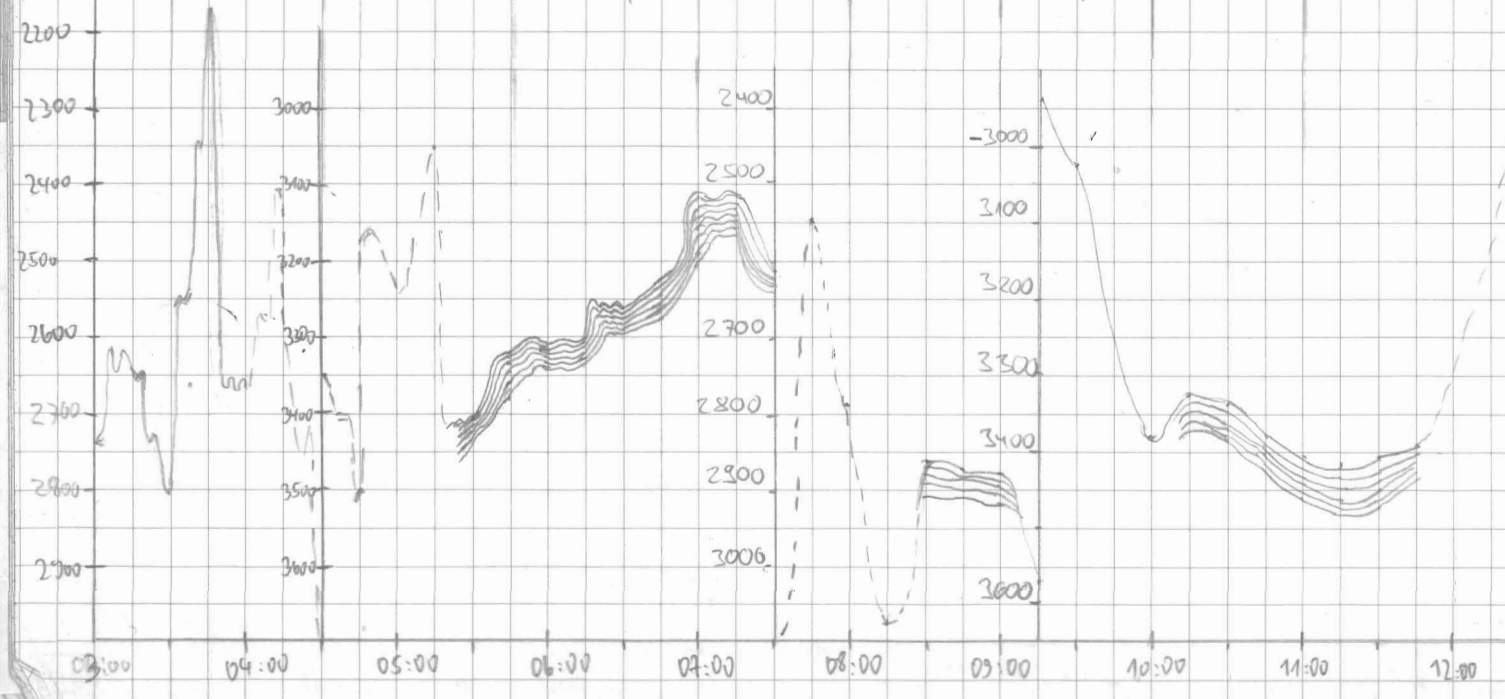
Datum	Zeit UTC	BREITE [°S]	LÄNGE [°E]	TIEFE PS	TIEFE HS	GESCHW. [Knt]	KURS [°]	MAX AMPLITUDE	FREQ	PULSE	REC LENGTH	WAIT TIME	DECO ROLLE	TAPE NO.	WACHE	ZEMERKUNG
M.3.97	16:45	54°13'38.5	10°39'20.1	/	11391	10.5	20.2	204	4	2	266	0	20	84	Ritzman	Kein Signal!
	17:00	10.7	40.8	/	2315	10.9	19.8	300	"	"	"	"	"	"	Thalme	} RANGE auf 5000 m gesetzt - wenig/kein Signal
	:15	08.1	42.4	2986	2957	11.4	18.9	600	"	"	"	"	"	"	"	
	:30	05.6	44.0	2510	2473	10.2	22.6	300	"	"	"	"	"	"	"	
	:45	03.0	45.6	3385	3247	11.0	19.0	400	"	"	"	"	"	"	"	
18:00	00.4	47.4	2994	2950	11.1	22.7	1000	"	"	"	"	"	"	"	"	
	:15	53°57.8	49.1	2602	2549	10.3	21.7	700	"	"	"	"	"	"	"	
	:30	55.5	50.6	2440	2328	10.5	21.5	1000	"	"	"	"	"	"	"	
	:45	52.9	52.1	2697	2647	10.9	18.2	600	"	"	"	"	"	"	"	
19:00	50.3	53.6	2857	2785	11.0	17.6	1200	"	"	"	"	"	"	"	Kuehn	
	:15	47.7	55.0	2805	2742	11.5	17.8	800	"	"	"	"	"	"	"	
	:30	45.0	56.5	2766	2700	11.5	17.6	2900	"	"	"	"	"	"	"	
	:45	42.3	58.0	2655	2597	11.7	17.8	7000	"	"	"	"	"	"	"	
20:00	39.7	59.7	2719	2661	11.4	26	1900	"	"	"	"	"	"	"	"	
	:15	37.1	2°01.6	2769	2708	10.9	23	2700	"	"	"	"	"	"	"	
	:30	34.5	3.5	2798	2737	11.6	23	2200	"	"	"	"	"	"	"	
	:45	32.0	5.3	2703	2646	11.2	23	1000	"	"	"	"	"	"	"	
21:15	26.7	8.7	-	2654	2654	11.2	20		"	"	"	"	"	"	"	
	:38	22.6	11.1	2864	2800	11.2	21	1500	"	"	"	"	"	"	"	
	:45	21.5	11.8	2849	2791	11.2	18	1600	"	"	"	"	"	"	"	
22:00	19.0	13.2	2792	2734	11.1	20	2200	"	"	"	"	"	"	"	"	
	:15	16.4	14.9	2779	2720	11.2	21	1900	"	"	"	"	"	"	"	
	:30	13.7	16.6	2754	2697	11.2	22	3500	"	"	"	"	"	"	"	
	:45	11.3	18.2	2746	2704	11.4	22	1200	"	"	"	"	"	"	"	
23:00	8.7	19.9	2729	2670	11	21	3390	"	"	"	"	"	"	85	"	
	:15	6.2	21.4	2659	2607	11.3	20	1000	"	"	"	"	"	"	Unsch	
	:30	3.7	23.0	2856	2796	11.2	20	250	"	"	"	"	"	"	"	
	:45	1.1	24.6	2640	2586	11.1	23	1800	"	"	"	"	"	"	"	
12/03/97	24:00	52°58.7	26.1	2585	2530	11.4	21	2900	"	"	"	"	"	"	"	
	:15	55.9	27.8	2565	2514	10.8	21	3700	"	"	"	"	"	"	"	
	:30	53.3	29.5	2580	2526	10.9	21	3300	"	"	"	"	"	"	"	
	:45	51.0	31.0	2525	2472	11.1	22	3400	"	"	"	"	"	"	"	
01:02	47.9	33.1	2565	2507	11.0	23	1400	"	"	"	"	"	"	"	"	
	:15	45.8	34.4	2630	2570	11.1	19	1100	"	"	"	"	"	"	"	
	:30	43.4	35.8	2710	2655	10.7	18	2700	"	"	"	"	"	"	"	
	:45	40.8	37.5	2692	2648	11.2	22	450	"	"	"	"	"	"	"	
02:00	38.2	39.2	2685	2635	11.3	20	350	"	"	"	"	"	"	"	"	
	:15	35.6	40.7	2699	2633	11.3	19	2000	"	"	"	"	"	"	"	
	:28	33.6	41.9	2670	2623	10.1	19	730	"	"	"	"	"	"	"	
	:45	30.6	43.5	2761	2696	10.5	18	300	"	"	"	"	"	"	"	



22:48 Tape 84 → 85

2. Reflektor ~ 120 m Tiefe

Datum	Zeit UTC	Breite ϕ	Laenge λ	Tiefe PS	Tiefe 175	Speich. [km]	Kerns [0]	Relax Anomal [cm/s]	Freq. PS	Pulse	Record Length	Wait time	Desc. Rolle	Tape No	Wache	Bemerkungen
12/03/97	03:00	52°28.2	2°44.9	2743	2673	10.2	18	340	4	2	266	0	20	85	Ullrich	
	03:15	25.6	46.4	2647	2677	10.9	18	500	"	"	"	"	"	"	Hilfenbrand	Reflektoren nur gelegentlich zu erfassen
	03:30	23.2	47.8	/	2805	10.7	18	/	"	"	"	"	"	"	"	"
	03:45	20.5	47.5	2774	2782	10.4	23	300	"	"	"	"	"	"	"	"
	04:00	18.1	51.1	2667	2637	11.3	19	400	"	"	"	"	"	"	"	"
	04:15	15.6	52.6	2498	2504	10.8	20	400	"	"	"	"	"	"	"	"
	04:30	13.1	54.2	3349	3257	10.4	19	500	"	"	"	"	"	"	"	"
	04:45	10.5	55.8	3169	3108	10.0	23	300	"	"	"	"	"	"	"	"
	05:00	08.1	57.3	/	3228	11.1	21	/	"	"	"	"	"	"	"	Schwachsinus-Wache, daher Umstellen auf 500m-Fenster → 2 Echos auf Desc-Schrieb (???)
	05:15	05.6	58.9	3050	3000	11.1	20	300	"	"	"	"	"	"	"	05:10 h: Neustart mit 200m-Fenster
	05:30	03.1	3° 00.4	3409	3354	10.3	20	700	"	"	"	"	"	"	"	05:30 ET 80-100 m
	05:45	00.7	01.8	3322	3269	10.2	18	1500	"	"	"	"	"	"	"	"
	06:00	51° 58.2	03.1	3316	3263	10.5	19	1500	"	"	"	"	"	"	"	ET ~ 120 m
	06:15	55.7	04.6	3298	3245	11.1	24	900	"	"	"	"	"	"	"	06:32: Es rumpst u. Geschwindigkeit fällt auf ~ 5 km
	06:30	53.3	06.2	3256	3194	10.8	22	1200	"	"	"	"	"	"	"	"
	06:45	51.9	07.3	3214	3155	5.7	23	700	"	"	"	"	"	"	"	"
	07:00	50.1	08.4	3109	3052	8.2	21	400	"	"	"	"	"	"	"	"
	07:15	48.2	09.5	3113	3067	8.3	20	600-1600	"	"	"	"	"	"	"	Deilmann
	07:30	46.4	10.7	3214	3112	8.4	21	300-600	"	"	"	"	"	"	"	"
	07:45	44.1	12.1	2547	2545	8.5	21	200-400	"	"	"	"	"	86	"	Tapewechsel 85 → 86
	08:00	42.3	13.4	2793	2795	7.7	21	300-500	"	"	"	"	"	"	"	"
	08:15	40.5	14.6	3071	3008	8.2	24	1300-3300	"	"	"	"	"	"	"	"
	08:30	37.4	16.5	2853	2797	10.5	20	800-1300	"	"	"	"	"	"	"	"
	08:45	35.7	17.5	2876	2819	10.6	21	800-1200	"	"	"	"	"	"	"	"
	09:00	33.2	18.8	2878	2823	10.2	17	700-1500	"	"	"	"	"	"	"	"
	09:15	30.2	20.1	2943	2882	10.4	16	700-1400	"	"	"	"	"	"	"	"
	09:30	28.3	21.4	3024	2946	11.1	19	500-200	"	"	"	"	"	"	"	"
	09:45	25.9	22.8	2635	3417	10.1	20	400-600	"	"	"	"	"	"	"	"
	10:00	23.5	24.2	3379	3304	10.5	19	700-1000	"	"	"	"	"	"	"	"
	10:15	21.1	25.7	3331	3250	10.2	20	600-1100	"	"	"	"	"	"	"	"
	10:30	18.6	27.1	3346	3273	9.9	20	800-1200	"	"	"	"	"	"	"	"
	10:45	16.2	28.7	3379	3310	10.7	21	500-1000	"	"	"	"	"	"	"	"
	11:00	13.7	30.2	3402	3337	10.2	22	650-750	"	"	"	"	"	"	"	St. Schmedt
	11:15	11.2	31.5	3413	3341	10.7	17	3000-4000	"	"	"	"	"	"	"	"
	11:30	08.7	32.8	3402	3326	11.1	18	670-1000	"	"	"	"	"	"	"	"
	11:45	06.3	34.1	3395	3316	10.8	18	1700-2400	"	"	"	"	"	"	"	"
	12:00	03.8	35.7	/	3199	10.7	23	/	"	"	"	"	"	"	"	PSTiefe falsch 2647,8 passieren 200mm Zone
	12:15	01.2	37.5	2879	2775	10.3	25	400-600	"	"	"	"	"	"	"	"

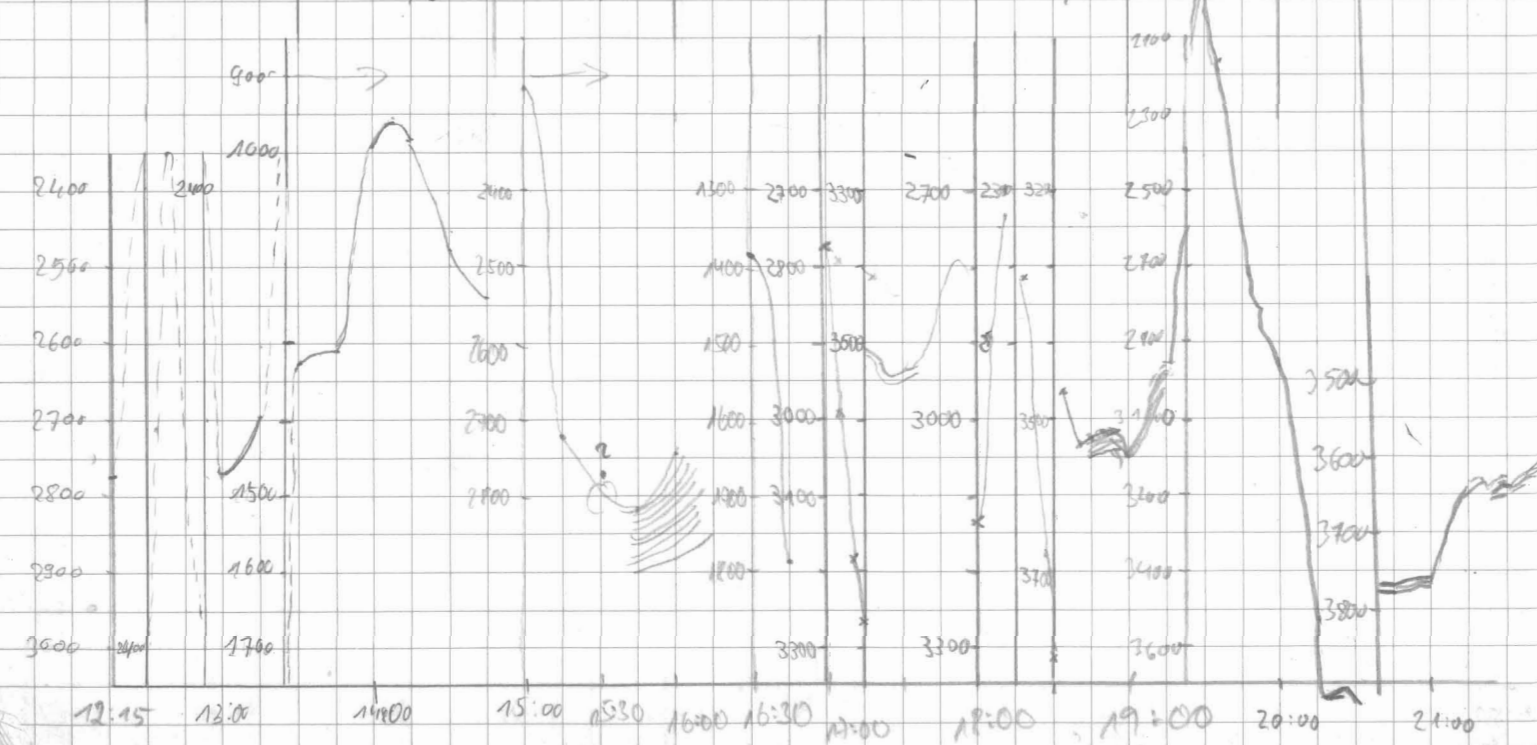


Datum	Zeit UTC	Breite S	Länge E	Tiefe PS	Tiefe HS	Geschw. [km]	Kurs [°]	max. Anpl. [mV]	Freq. PS	Pulse	Record Length	Wart. time	Desa Rolle	Tape No	Wache	Bemerkungen
12.03.97	12:30	50° 58,8	3° 38,9	-	1768	11,2	21	-	4	2	266	0	2.0	86	St. Schumacher	Findet PSTiefe nicht, 12:43 Neustart
	12:48	55,8	40,7	2387	2353	10,5	21	300-640	"	"	"	"	"	"	"	"
	13:00	53,9	41,8	2724	2660	10,8	18		"	"	"	"	"	"	"	"
	13:15	51,5	43,2	2698	2620	10,8	22	880-1300	"	"	"	"	"	"	"	"
	13:30	50,0	44,8	1325	1437	10,8	19	640	"	"	"	"	"	"	"	E57,
	13:45	46,3	46,3	1914	1283	10,4	19	1200	"	"	"	"	"	"	"	"
	14:00	43,8	47,6	1040	1006	10,3	13	1800	"	"	"	"	"	"	"	"
	14:15	41,5	48,7	982	960	10,4	17	1800-2300	"	"	"	"	"	"	"	"
	14:30	39,0	50,0	1121	1097	10,6	19	2200	"	"	"	"	"	"	"	"
	14:45	36,5	51,8	1240	1225	10,6	24	380-470	"	"	"	"	"	"	"	"
	15:00	34,0	53,5	2264	2127	10,9	26	250	"	"	"	"	"	"	"	Pfender
	15:15	31,6	54,9	2722	2673	10,8	20	400	"	"	"	"	"	"	"	"
	15:30	29,2	56,3	-	2851	9,8	20	900	"	"	"	"	"	"	"	"
	15:45	26,8	57,3	2812	2765	10,2	21	2700	"	"	"	"	"	"	"	"
	16:00	24,4	59,2	2745	2703	10,8	21	1400	"	"	"	"	"	"	"	"
	16:15	21,9	40 00,8	-	1392	10,7	18	1300	"	"	"	"	"	"	"	"
	16:30	19,3	02,1	1386	1358	11,0	19	1600	"	"	"	"	"	"	"	"
	16:45	16,8	03,5	1786	1719	10,5	21	500	"	"	"	"	"	"	"	"
	17:00	50° 14,3	4° 04,8	-	2772	10,5	17,2	343	"	"	"	"	"	"	"	Ebbe
	15	11,7	06,3	-	3260	10,9	22,0	338	"	"	"	"	"	"	"	"
	30	09,2	07,9	3527	3425	10,8	20,5	2000-3000	"	"	"	"	"	"	"	"
	45	06,6	09,5	3439	3353	11,1	22,5	1237	"	"	"	"	"	"	"	"
	18:00	04,0	11,2	-	3129	11,0	23,4	870	"	"	"	"	"	"	"	"
	15	01,4	12,8	-	2485	10,9	20,7	392	"	"	"	"	"	"	"	"
	30	49° 58,9	14,2	3359	3302	11,3	15,8	367	"	"	"	"	"	"	"	"
	45	56,3	15,4	3527	3464	11,4	16,1	623	"	"	"	"	"	"	"	"
	19:00	53,7	16,7	3579	3571	11	21,8	1500	"	"	"	"	"	"	"	"
	15	51,2	18,2	3433	3374	11	24	1200	"	"	"	"	"	"	"	"
	42	46,5	21,1	2189	2229	11,3	20	400	"	"	"	"	"	"	"	"
	20:00	43,4	22,9	2162	3045	11	20	800	"	"	"	"	"	"	"	"
	15	40,6	24,3	-	3538	11	16	400	"	"	"	"	"	"	"	"
	30	38,1	25,6	3760	3672	11	19	2500	"	"	"	"	"	"	"	"
	45	35,4	27,1	3777	3702	11	19	1200	"	"	"	"	"	"	"	"
	21:00	32,8	28,5	3772	3697	11	20	1800	"	"	"	"	"	"	"	"
	15	30,1	30,1	3773	3705	11	20	1900	"	"	"	"	"	"	"	"
	37	26,3	32,3	3628	3579	11	20	1500	"	"	"	"	"	"	"	"
	45	24,9	33,1	3599	3491	10,8	20,3	500	"	"	"	"	"	"	"	"

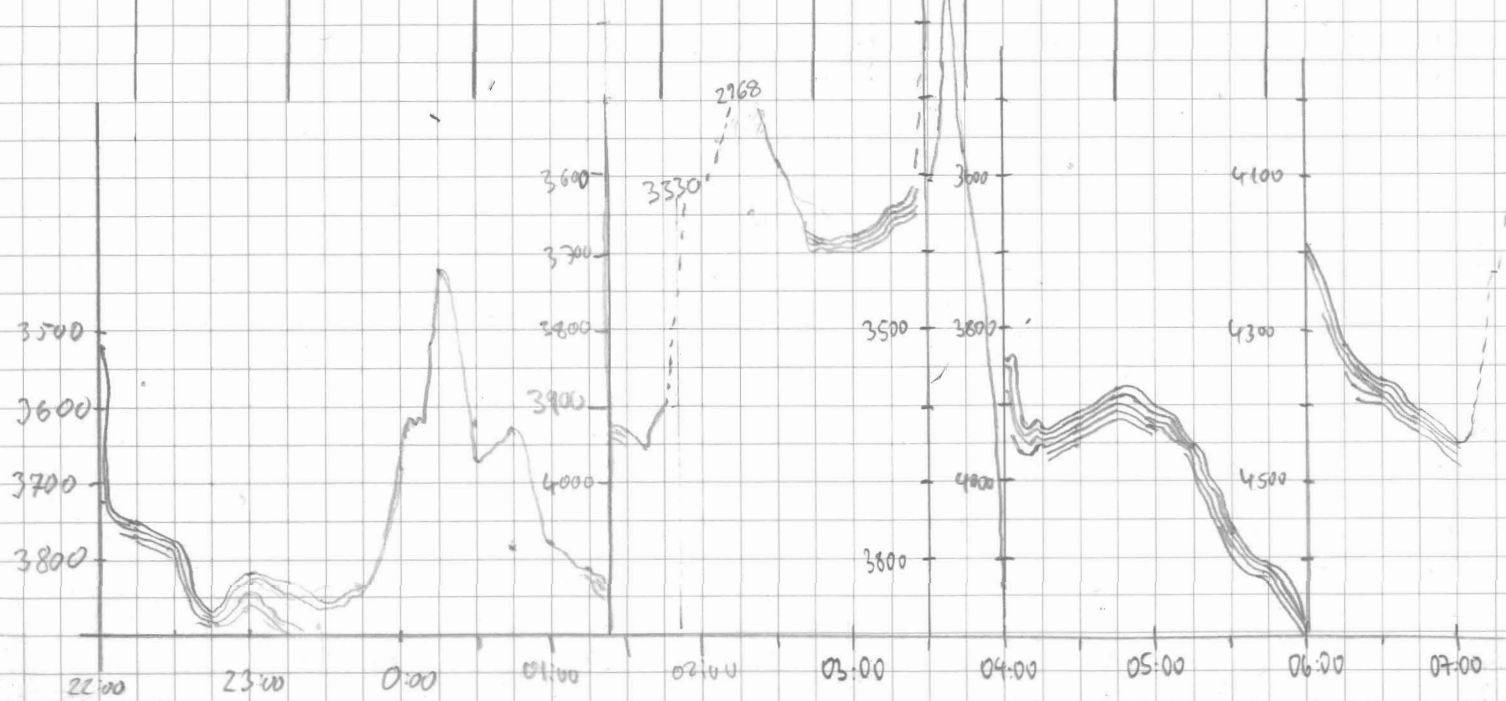
ET bis 160m!
 16 hier jetzt's fended bofang...

17:50 Tape 86 → 87

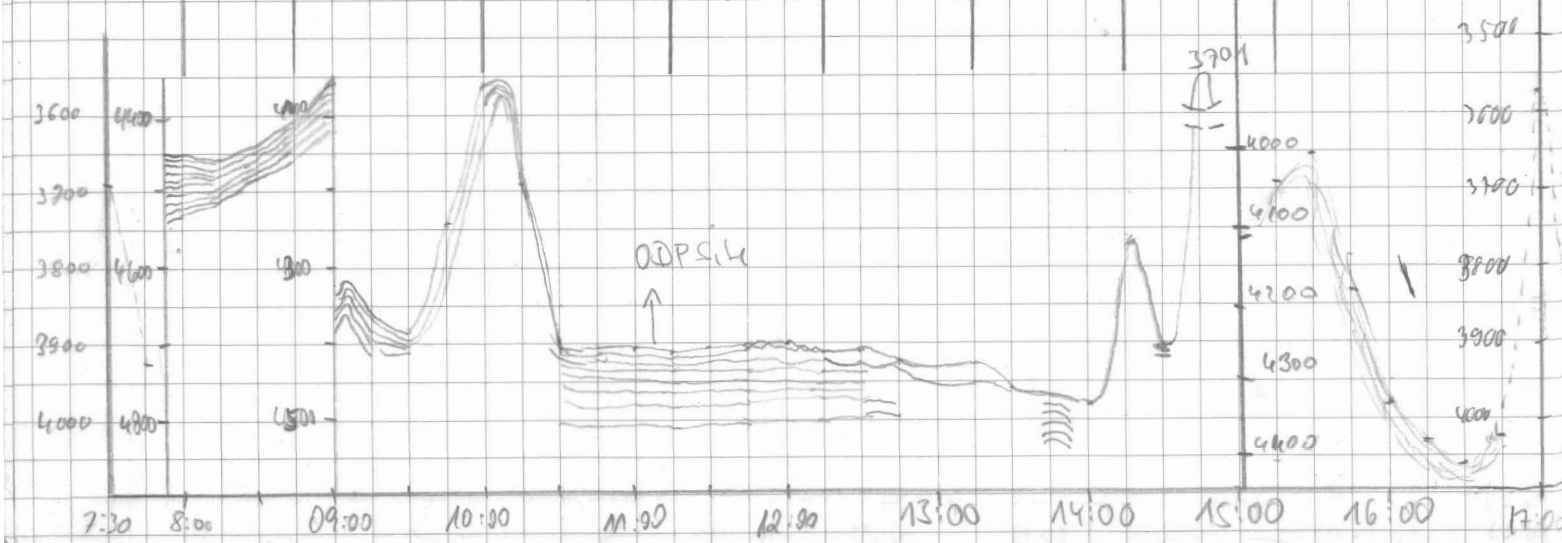
1840 min



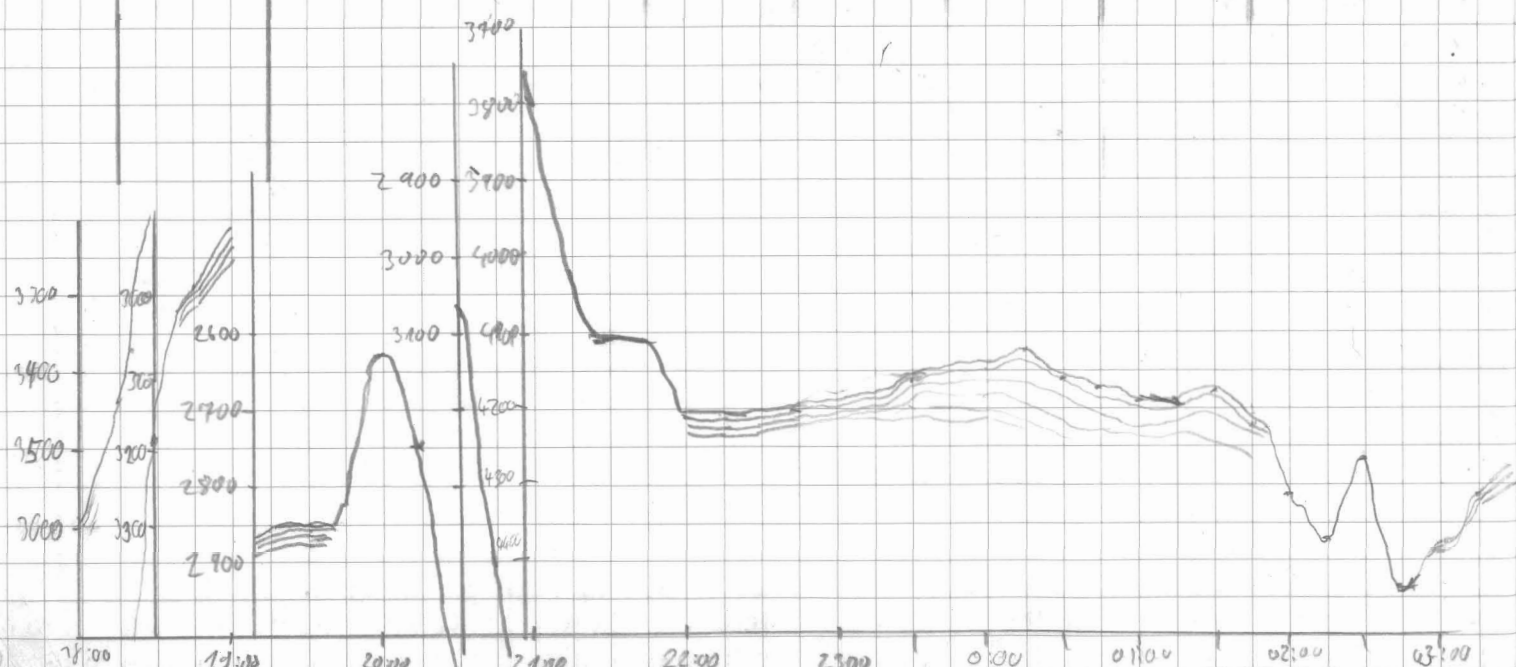
Datum	Zeit UTC	Breite S	Länge E	Tiefe PS	Tiefe MS	Crust. [km]	Kurs [°]	max. Ampt. [mV]	Frequ. PS	Pulse	Record Length	Wait time	Dose Rolle	Tape No.	Wache
12.3.97	22:00	49° 22,1'	40° 34,6'	3527	3484	71,7	23,7	900	4	2	266	0	20	87	Kalm
	:15	19,7	36,2	3746	3689	71,3	23,7	1400	"	"	"	"	"	"	"
	:30	17,3	37,9	3785	3718	10,9	21,7	1600	"	"	"	"	"	"	"
	:45	14,6	39,5	3870	3795	11,2	19,6	1100	"	"	"	"	"	"	"
	23:00	12,0	41,0	3826	3761	11,2	20,0	1900	"	"	"	"	"	"	Unkl.
	:15	9,6	42,4	3831	3769	11,1	19,	900	"	"	"	"	"	"	"
	:30	6,8	43,9	3855	3788	11,2	18	660	"	"	"	"	"	"	"
	:45	4,3	45,2	3834	3771	11,1	21	1700	"	"	"	"	"	"	"
13/03/97	00:00	1,8	46,8	3660	3603	10,5	22	650	"	"	"	"	"	"	"
	:15	48° 59,1	48,3	3442	3444	10,8	19	340	"	"	"	"	"	"	"
	:30	56,8	49,6	3667	3598	10,8	21	800	"	"	"	"	"	"	"
	:45	54,1	51,1	3637	3597	11,1	20	460	"	"	"	"	"	"	"
	01:00	51,6	52,5	3787	3723	11,4	19,7	1048	"	"	"	"	"	"	"
	:15	49,1	53,9	3815	3755	10,6	20	500	"	"	"	"	"	"	"
	:30	46,6	55,4	3936	3882	10,4	21	2000	"	"	"	"	"	"	"
	:45	43,9	56,9	3902	3852	11,0	22	2000	"	"	"	"	"	"	"
	02:00	41,3	58,4	3330	3309	11,2	20	400	"	"	"	"	"	88	Wechsel Tape 87 → 88
	:15	38,7	59,9	2968	2923	11,2	20	1232	"	"	"	"	"	"	"
	:30	36,2	5° 01,1	3585	3540	11,0	18	395	"	"	"	"	"	"	"
	:45	33,6	2,6	3693	3636	11,1	23,	800	"	"	"	"	"	"	"
	03:00	31,3	4,1	3684	3625	11,1	24	1600	"	"	"	"	"	"	ET ~ 100m
	03:17	28,4	5,9	3644	3593	10,8	20	1000	"	"	"	"	"	"	Hillensbrunn Rauschen!
	03:31	25,9	7,3	3308	3325	10,6	17	400	"	"	"	"	"	"	"
	03:45	23,6	8,4	3274	3257	10,6	17	400	"	"	"	"	"	"	"
	04:00	21,0	9,8	3843	3802	11,1	20	1100	"	"	"	"	"	"	"
	04:15	18,5	11,2	3535	3895	11,0	22	1000	"	"	"	"	"	"	ET ~ 100m + Rauschen
	04:30	16,0	12,6	3512	3873	11,0	20	1200	"	"	"	"	"	"	ET ~ 200m
	04:45	13,4	14,0	3879	3843	10,7	21	1100	"	"	"	"	"	"	ET ~ 150m
	05:00	10,9	15,3	3503	3849	10,9	20	1600	"	"	"	"	"	"	"
	05:15	08,4	16,8	3765	3515	10,6	22	600	"	"	"	"	"	"	"
	05:30	05,9	18,3	4070	4017	10,6	22	1000	"	"	"	"	"	"	"
	05:45	03,3	19,8	4111	4072	11,1	20	1100	"	"	"	"	"	"	"
	06:00	00,8	21,2	4191	4153	11,2	19	400	"	"	"	"	"	"	"
	06:15	47° 58,1	22,6	4327	4289	11,3	19	600	"	"	"	"	"	"	"
	06:30	55,5	24,0	4366	4322	11,5	18	700	"	"	"	"	"	"	"
	06:45	53,0	25,4	4400	4347	11,1	23	1100	"	"	"	"	"	"	"
	07:00	50,4	26,9	4449	4396	11,0	22	1400	"	"	"	"	"	"	St. Schmuck
	07:15	47,8	28,4	4224	4147	10,9	20,8	490	"	"	"	"	"	"	"



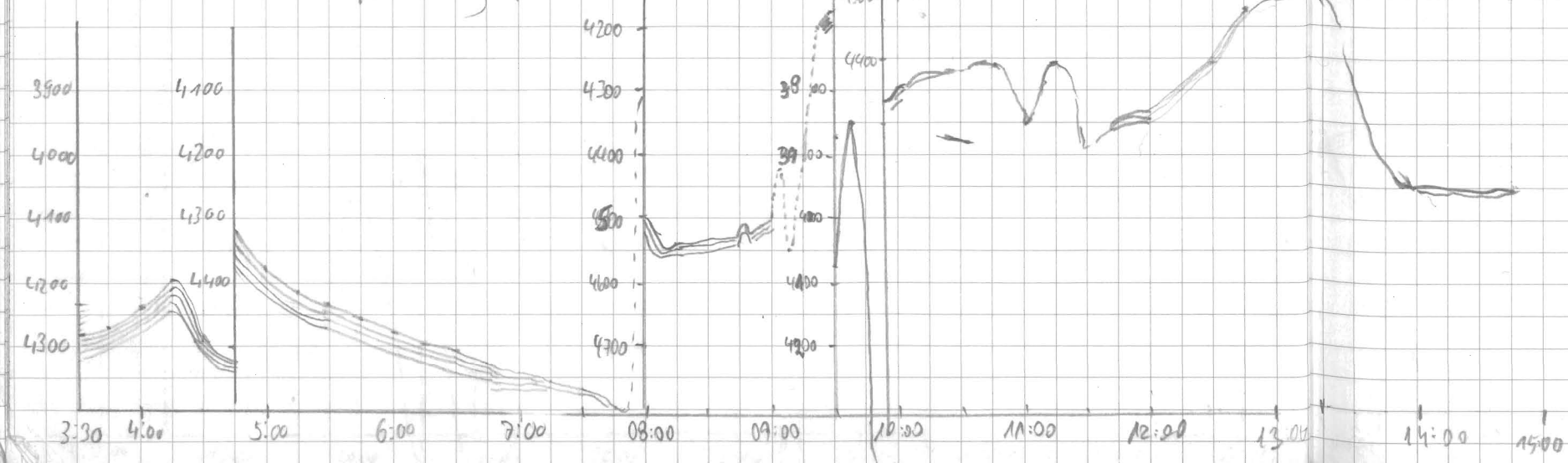
Datum	Zeit UTC	Breite S	Länge E	Tiefe PS	Tiefe HS	Geschw [km]	Kurs [°]	max. Ampl. [mV]	Frequenz PS	Pulse	Rec Length	Wait Time	Desa Kotte	Tape Nr.	Wache	Bemerkungen
13.09.97	07:30	47° 45,3	5° 29,8	3693	3667	10,9	20,5	390	41	2	266	0	20	88	St. Schumacher	
	07:45	47° 42,6	5° 31,5	3921	4054	11,2	22,5	530	"	"	"	"	"	"	"	
	08:00	47° 40,1 S	5° 33,0 E	4456	4389	10,8	23,1	1000 - 1500	"	"	"	"	"	"	"	~120 m Eindringung
	08:15	37,6	34,6	4479	4418	11,0	23,9	1300 - 2900	"	"	"	"	"	"	"	
	08:30	35,1	36,2	4453	4278	11,2	23,5	600 - 1200	"	"	"	"	"	"	"	
	08:45	32,6	37,7	4420	4345	11,2	21,2	500 - 1200	"	"	"	"	"	"	"	
	09:00	47° 30,0 S	5° 39,0 E	4344	4294	10,6	16,1	700 - 1400	"	"	"	"	"	"	"	
	09:15	27,4	40,0	4351	4293	10,4	14,3	700 - 1000	"	"	"	"	"	"	"	
	09:30	24,9	41,1	4379	4326	10,6	17,4	700 - 1800	"	"	"	"	"	"	"	
	09:45	22,4	42,4	4242	4205	11,0	21,9	900 - 1700	"	"	"	"	"	"	"	St. Schumacher
	10:00	19,8	43,9	4066	4032	11,2	20,6	1200 - 1500	"	"	"	"	"	"	"	
	10:15	17,3	45,3	4194	4133	10,8	20,6	800 - 1000	"	"	"	"	"	"	"	10:26 Wechsel Top. 88 → 89
	10:30	14,6	46,8	4407	4355	11,2	19,9	1000 -	"	"	"	"	"	89	"	
	10:45	12,1	48,2	4409	4363	11,2	18,6	1300 - 2700	"	"	"	"	"	"	"	
	11:00	09,6	49,5	4409	4357	10,4	22,4	600 - 1500	"	"	"	"	"	"	Jakmann	
	11:15	07,5	50,7	4417	4371	6,7	8,6	800 - 1200	"	"	"	"	"	"	"	Eindringtiefe: 120-150m
	11:30	06,7	51,6	4404	4359	9,2	173,1	200 - 2000	"	"	"	"	"	"	"	11:42 Uhr ODP
	11:45	07,2	50,1	4415	4368	6,4	277	800 - 1000	"	"	"	"	"	"	"	
	12:00	06,8	48,5	4400	4358	8,1	30	600 - 1200	"	"	"	"	"	"	"	
	12:15	04,6	50,0	4426	4380	11,8	26	800 - 1400	"	"	"	"	"	"	"	
	12:30	02,0	51,8	4423	4383	11,9	23	800 - 1200	"	"	"	"	"	"	"	
	12:45	46° 59,2'	53,8	4428	4394	11,6	27	400 - 1100	"	"	"	"	"	"	"	
	13:05	55,9'	56,3	4444	4408	11,2	26	500 - 1400	"	"	"	"	"	"	"	
	13:15	54,3'	57,4	4440	4401	11,4	16	400 - 1400	"	"	"	"	"	"	"	
	13:30	51,3'	58,8	4464	4422	10,8	19	500 - 1100	"	"	"	"	"	"	"	
	13:45	49,2'	06° 00,3'	4462	4425	11,4	26	400 - 900	"	"	"	"	"	"	"	
	14:00	46,3'	02,6	4482	4439	11,6	28	1000 - 1600	"	"	"	"	"	"	"	
	14:20	42,6'	04,7	4264	4239	11,4	22	300 - 800	"	"	"	"	"	"	"	
	14:30	40,9'	05,2	4398	4364	11,7	17	-	"	"	"	"	"	"	"	
	14:45	38,3'	07,2	3701	3678	11,4	24	600 -	"	"	"	"	"	"	"	
	15:00	36,1'	09,1	4104	4157	10,1	26	400 - 900	"	"	"	"	"	"	"	
	15:15	34,2	11,1	4064	4100	8,5	37,2	1000 - 1400	"	"	"	"	"	"	Boris	
	15:30	32,3	12,6	4012	3978	8,0	25,5	600 - 800	"	"	"	"	"	"	"	
	15:45	30,4	13,7	4185	4141	8,5	22,7	200 - 400	"	"	"	"	"	"	"	
	16:00	28,5	15,0	4329	4282	8,3	21,8	600 - 700	"	"	"	"	"	"	"	
	16:15	26,6	16,1	4379	4352	8,6	24,7	700 - 850	"	"	"	"	"	"	"	
	16:30	24,7	17,4	4412	4382	8,4	27,8	1000 - 600	"	"	"	"	"	"	"	
	16:45	22,8	18,8	4325	4343	8,8	29,3	400 - 500	"	"	"	"	"	"	"	
	17:00	20,9	20,2	3573 (9)	3573	8,4	26,6	200 - 700	"	"	"	"	"	"	"	
	17:15	18,9	21,7	3874	3840	8,4	24	500 - 900	"	"	"	"	"	"	Ruelberg	
	17:30	17,1	22,9	3845	3808	8,4	24	700 - 1200	"	"	"	"	"	"	"	
	17:45	15,1	24,1	3898	3858	8,2	23	200 - 1900	"	"	"	"	"	"	"	



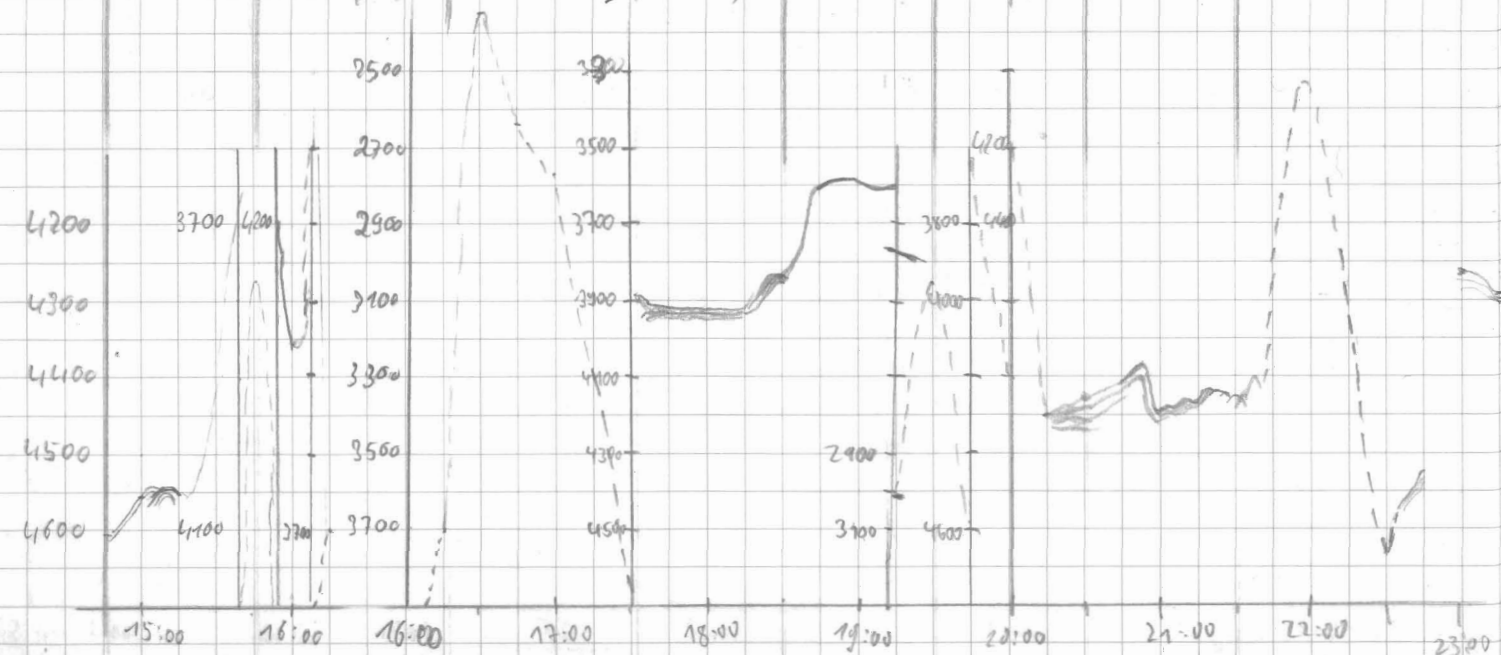
Datum	Zeit UTC	BRITISCHES	LÄNGE E	Tiefe M	Tiefe HS	Geschw. [km]	Kurs [°]	max. Amp. [mV]	Freq. PS	Pulse	Rec Length	Wait Time	Deriv. Rate	Tap Nr.	Wache	Bemerkungen
15.9.97	18:00	46° 15,2'	60° 25,2'	3550	3643	7,5	4	300-800	4	2	266	0	20	89	Ruelberg	Tape 89-90
	18:15	17,3	25,3	3443	3440	7,3	234	500-800	"	"	"	"	"	"	"	
	18:30	09,5	26,6	3171	3143	7,4	27	1100-1700	"	"	"	"	"	90	"	
	18:45	07,8	27,1	3025	2988	8,1	32	700-1700	"	"	"	"	"	"	"	
	19:00	6,0	29,7	2909	2877	8,3	29	2100	"	"	"	"	"	"	Ku Lu	
	19:15	4,2	31,1	2859	2808	8,6	28	2100	"	"	"	"	"	"	"	
	19:30	2,3	32,7	2855	2820	8,2	30	2400	"	"	"	"	"	"	"	
	19:45	0,5	34,0	2816	2813	8,3	25	2825	"	"	"	"	"	"	"	
	20:00	45° 58,7'	35,3	2628	2624	8,2	25	1200	"	"	"	"	"	"	"	
	20:15	57,1'	36,4	2755	2721	8,4	28	1100	"	"	"	"	"	"	"	
	20:30	55,1	37,8	3088	3058	8,1	26	900	"	"	"	"	"	"	"	
	20:45	53,2	39,1	3419	3418	7,7	25	800	"	"	"	"	"	"	"	
	21:00	51,3	40,3	3800	3777	8,0	26	500	"	"	"	"	"	"	"	
	21:15	49,5	41,4	4035	3973	8,2	23	1100	"	"	"	"	"	"	"	
	21:30	47,6	42,7	4106	4048	8,1	26	2600	"	"	"	"	"	"	"	
	21:45	45,8	43,9	4108	4051	8,1	28	950	"	"	"	"	"	"	"	
	22:00	43,9	45,3	4277	4161	8,1	28	1500	"	"	"	"	"	"	"	
	22:15	42,1	46,6	4212	4161	8,3	25	2000	"	"	"	"	"	"	"	
	22:30	40,2	47,9	4209	4170	8,1	23	2000	"	"	"	"	"	"	"	
	22:45	38,4	49,1	4199	4166	8,2	26	1400	"	"	"	"	"	"	"	
23:00	36,5	50,3	4185	4161	8,0	27	1200	"	"	"	"	"	"	Uchid		
23:15	34,8	51,5	4168	4149	7,7	25	1000	"	"	"	"	"	"	"		
23:30	33,0	52,8	4127	4112	7,9	26	1400	"	"	"	"	"	"	"		
23:45	31,1	54,1	4142	4125	8,3	25	1400	"	"	"	"	"	"	"		
14.01.97	00:100	29,4	55,2	4143	4116	7,8	24	1300	"	"	"	"	"	"	"	ET ~ 100m
	01:15	27,6	56,5	4135	4102	7,7	22	1200	"	"	"	"	"	"	"	
	01:30	25,8	57,5	4153	4115	8,2	26	260	"	"	"	"	"	"	"	
	01:45	24,6	58,3	4170	4132	8,0	26	1350	"	"	"	"	"	"	"	
	01:00	22,2	59,9	4189	4149	7,6	28	1100	"	"	"	"	"	"	"	
	01:15	20,4	701,2	4187	4146	7,6	25	730	"	"	"	"	"	"	"	
	01:30	18,6	02,5	4178	4139	8,1	27	1300	"	"	"	"	"	"	"	
	01:45	16,9	03,7	4225	4182	8,1	25	1300	"	"	"	"	"	"	"	
	02:00	14,9	05,1	4312	4272	7,9	25	2000	"	"	"	"	"	"	"	
	02:15	13,2	06,1	4369	4341	7,9	24	800	"	"	"	"	"	"	"	
02:30	11,3	07,3	4219	4185	8,1	25	700	"	"	"	"	"	"	"		
02:45	09,3	08,6	4439	4406	8,7	29	660	"	"	"	"	"	"	"		
03:00	07,3	10,2	4379	4279	9,6	30	1200	"	"	"	"	"	"	St. Spüna etc		
03:15	06,5	11,1	4314	4274	2,1	64	1100	"	"	"	"	"	"	"	Tapewechsel 03:21 90-91	



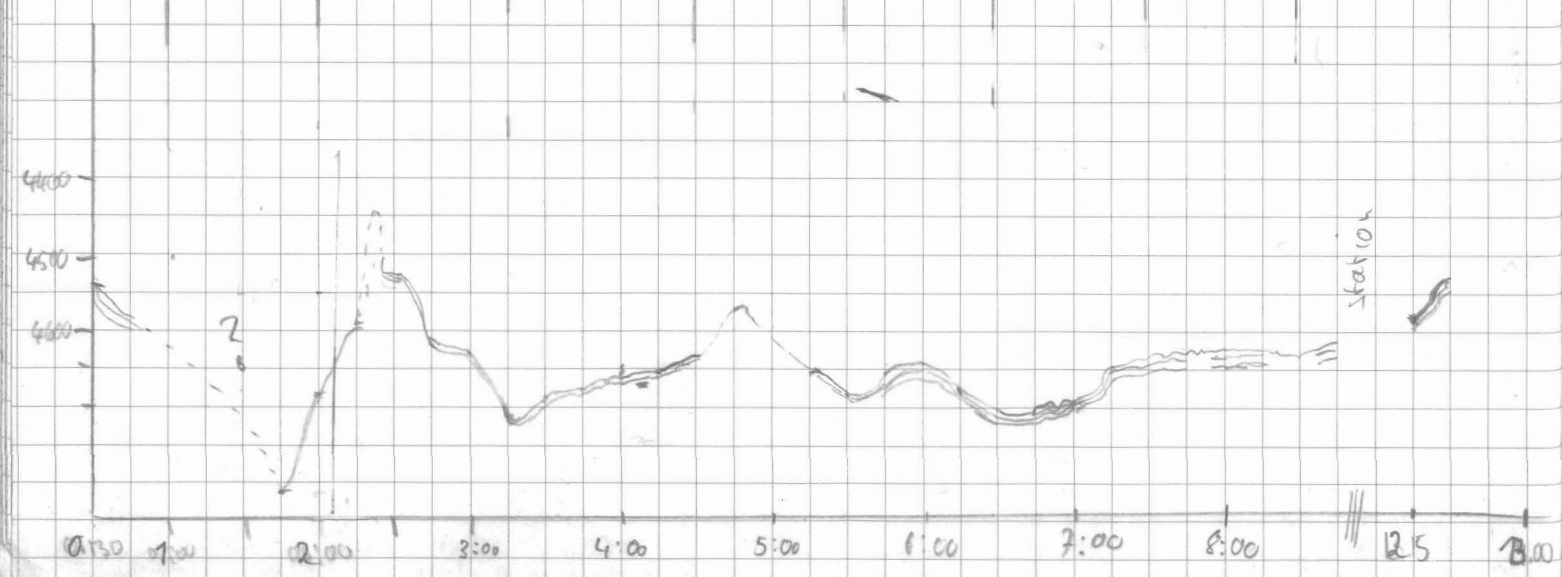
Datum	Zeit UTC	Breite S	Länge E	Tiefe PS	Tiefe MS	Geschw. [km]	Wurf L'03	max Ampl [mV]	Freq. PS	Pulse	Record Length	Wart time	Deso Rolle	Tape Nr.	Werte
14.03.97	03:30	45° 06,3	2° 11,7	4280	4238	2,5	54	960	4	2	266	0	20	99	St. Schumann
	03:45	06,0	12,3	4271	4227	2,2	61	850	"	"	"	"	"	"	"
	04:00	09,9	13,0	4230	4193	2,9	20	1200	"	"	"	"	"	"	"
	04:15	09,1	14,0	4197	4152	2,7	23	1100	"	"	"	"	"	"	"
	04:30	01,3	15,1	4296	4260	2,5	23	1100	"	"	"	"	"	"	"
	04:45	44° 59,6	16,3	4331	4290	2,2	29	800	"	"	"	"	"	"	"
	05:00	58,0	17,4	4374	4327	2,8	25	1400	"	"	"	"	"	"	"
	05:15	56,1	18,6	4412	4356	2,9	22	1700	"	"	"	"	"	"	"
	05:30	54,3	19,6	4435	4376	2,9	22	1500	"	"	"	"	"	"	"
	05:45	52,4	20,6	4460	4399	3,3	22	1700	"	"	"	"	"	"	"
	06:00	50,6	21,7	4478	4422	3,3	25	1800	"	"	"	"	"	"	"
	06:15	48,8	22,9	4499	4450	3,2	26	1800	"	"	"	"	"	"	"
	06:30	47,0	24,0	4516	4468	2,8	23	1700	"	"	"	"	"	"	"
	06:45	45,1	25,2	4532	4486	3,0	25	2300	"	"	"	"	"	"	"
	07:00	43,3	26,3	4547	4506	3,4	24	1400	"	"	"	"	"	"	"
	07:15	41,1	27,5	4553	4512	3,3	20	1300-1800	"	"	"	"	"	"	Diekmann
	07:30	38,5	28,9	4573	4525	10,2	23	1100 1500	"	"	"	"	"	"	"
	07:45	36,4	30,2	4606	4531	10,4	26	-	"	"	"	"	"	"	"
	08:00	34,2	31,8	-	4088	9,9	26	-	"	"	"	"	21	"	07:55 Uhr: Wechsel DESO-Rolle, Neustart
	08:15	31,9	33,3	-	4438	9,2	24	1200-1800	"	"	"	"	"	"	"
	08:30	29,5	34,9	4584	4518	9,7	28	600-1800	"	"	"	"	"	"	NL
	08:45	27,5	36,4	4583	4510	10,1	28	400-1800	"	"	"	"	"	"	"
	09:00	44° 25,3 S	7° 38,0 E	-	4415	10,1	28	200-900	"	"	"	"	"	"	"
	09:15	23,0	39,6	-	4365	10,3	25	300-700	"	"	"	"	"	"	"
	09:30	20,5	41,0	4074	4048	10,0	24	400-900	"	"	"	"	"	"	"
	09:45	18,4	42,4	4311	4233	10,0	27	400-700	"	"	"	"	"	"	Diekmann
	10:00	16,1	44,1	4455	4397	10,0	27	2200	"	"	"	"	"	"	"
	10:15	13,9	45,7	4354	4354	9,8	26	-	"	"	"	"	"	"	"
	10:30	11,6	47,3	4435	4379	9,7	26	1100	"	"	"	"	"	"	"
	10:45	09,3	48,7	4457	4411	9,8	23	300-800	"	"	"	"	"	"	"
	11:00	07,1	50,2	4501	4501	10,2	25	600	"	"	"	"	"	"	"
	:15	5,7	51,8	-	4388	10,6	26	-	"	"	"	"	"	"	"
	:30	02,4	53,3	4310	4275	9,7	27	550	"	"	"	"	"	92	"
	:45	43° 59,9 S	54,8	3839	4604	10,7	25	374	"	"	"	"	"	"	"
	12:00	57,8	56,3	-	4494	10,4	26	1600	"	"	"	"	"	"	"
	12:30	53,2	59,4	4404	4366	10,1	26,7	1600	"	"	"	"	"	"	Bones
	12:45	51,0	8° 00,9	4329	4286	10,3	27,7	1300	"	"	"	"	"	"	"
	13:00	48,7	02,4	-	4422	10,1	21,2	1300	"	"	"	"	"	"	"
	13:15	46,4	03,8	4475	4479	10	25	1200	"	"	"	"	"	"	"
	13:30	44,1	05,2	4480	4493	11,1	26,6	600	"	"	"	"	"	"	"
	13:45	41,6	06,8	4450	4500	10,1	23,7	210-840	"	"	"	"	"	"	"
	14:00	39,2	8,3	-	4708	10,3	29,0	362	"	"	"	"	"	"	Ku Lin



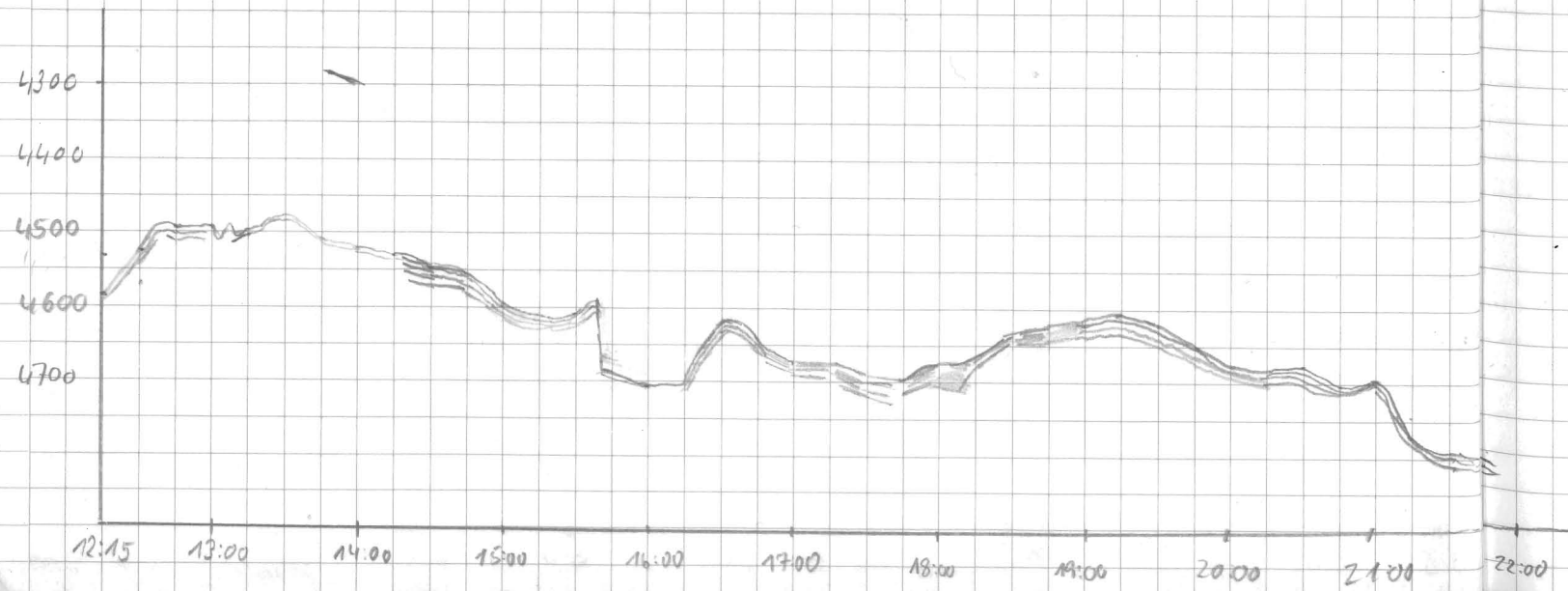
Datum	Zeit	Breite	Länge	Tiefe (PS)	Tiefe (HS)	Geschw. [km]	Kurs [°]	max Ampl [mV]	Freq PS	Puls	Record Length	weil time	Deso Rolle	Tape Nr	Wache
14.3.97	14:45	43° 32,4	8° 13,0	4609	4572	10,8	24,5	1200-1600	4	2	266	0	27	92	S. Schumacher
	15:00	30,0	14,5	4560	4527	10,5	27,7	1200-1500	"	"	"	"	"	"	"
	15:15	27,6	15,9	4549	4527	10,8	27,1	1000-1600	"	"	"	"	"	"	"
	15:30	25,3	17,6		4122	10,2	27,1	420-730	"	"	"	"	"	"	Falsche PSTiefe
	15:45	23,0	19,1	3775	3757	9,7	25,8	250-500	"	"	"	"	"	"	"
	16:00	20,7	20,7	4362	4299	9,8	24,4	1100-2100	"	"	"	"	"	"	"
	16:15	18,4	22,1	3795	3738	9,7	23,9	340-	"	"	"	"	"	"	"
	16:30	16,0	23,5	2341	2468	10,6	24,3	290-560	"	"	"	"	"	"	"
	16:45	13,7	25,0	2636	2604	10,2	24,4		"	"	"	"	"	"	"
	17:00	11,4	26,5	2771	2754	9,2	25,8	270-440	"	"	"	"	"	"	Hillbrand
	17:15	9,1	28,1	3298	3130	10,4	26,2	1000	"	"	"	"	"	"	"
	17:34	6,2	30,0	3893	3834	9,5	23,1	1900	"	"	"	"	"	"	17:25h - 17:34h: Paradigma hängt wg. Plotterfehler
	17:45	4,5	31,0	3916	3868	9,9	24,4	2500	"	"	"	"	"	"	"
	18:00	2,2	32,5	3921	3877	10,2	23,8	3000	"	"	"	"	"	"	"
	18:15	0,0	33,8	3922	3872	9,6	26,7	2800	"	"	"	"	"	"	"
	18:30	42° 57,9'	35,3	3853	3728	9,5	26,9	227	"	"	"	"	"	"	Kulm
	18:45	55,6'	36,8		3605	9,7	24,0	800	"	"	"	"	"	"	"
	19:00	53,3'	38,2	3592	3536	9,9	26,2	1300	"	"	"	"	"	"	"
	19:15	51,1	39,7	3018	2993	7,7	26	700	"	"	"	"	"	"	"
	19:30	48,8	41,2		2313	10,1	25		"	"	"	"	"	"	"
	19:45	46,6	42,6	3094	3072	9,9	25	300	"	"	"	"	"	"	"
	20:00	44,4	44,1		4212	9,8	25	600	"	"	"	"	"	"	falsche PS-Tiefe
	20:15	42,1	45,6	4904	4828	10,8	26	680	"	"	"	"	"	93	S. Schumacher 20:11h: Tapewechsel 92193
	20:30	39,8	47,0	4866	4820	9,7	25	1000	"	"	"	"	"	"	"
	20:45	37,6	48,5	4809	4782	9,6	26	1400	"	"	"	"	"	"	"
	21:00	35,4	50,0		4887	10,1	26	550	"	"	"	"	"	"	Hillbrand
	21:15	33,1	51,4	4855	4835	9,7	24	1300	"	"	"	"	"	"	"
	21:32	30,5	52,9	4826	4811	9,8	24	800	"	"	"	"	"	"	PS-Tiefe falsch
	21:45	28,5	54,1	(4163)	4476	9,7	25	600	"	"	"	"	"	"	"
	22:00	26,3	55,5	(3252)	4086	9,8	26	700	"	"	"	"	"	"	"
	22:15	24,0	57,1		4558	10,5	28		"	"	"	"	"	"	"
	22:30	21,8	58,8		4626	10,2	32	400	"	"	"	"	"	"	"
	22:45	19,6	9° 00,5		4458	9,8	27	500	"	"	"	"	"	"	"
	23:00	17,3	1,9	4455	4415	10,1	24	1200	"	"	"	"	"	"	Wach
	23:15	15,1	3,1	4497	4460	10,1	22	1000	"	"	"	"	"	"	"
	23:30	12,7	4,2	4463	4433	9,8	19	750	"	"	"	"	"	"	"
	23:45	10,4	9,5	4560	4521	10,4	23	1000	"	"	"	"	"	"	"
15/03/97	00:00	8,0	7,0		4684	10,4	25	950	"	"	"	"	"	"	"
	00:15	5,8	8,7	(3265)	4584	10,1	30	800	"	"	"	"	"	"	PS-Tiefe falsch, und überhaupt ist alles durcheinander!



Datum	Zeit UTC	Breite S	Lang. E	Tiefe PS	Tiefe 1/5	Gradient [K/m]	Kurs EoI	Max. Augst. [m]	Frequ. PS	Probe	Recond length	Wahl. Hm	Daso Rolle	Tape Nr	Wade	Bemerkungen
15/03/97	00:30	42°03,4	9°10,3	4545	4517	10,1	26	800	4	2	266	0	21	93	Unter	
	00:45	01,0	11,8	4604	4574	10,3	25	700	"	"	"	"	"	"	"	
	01:00	41°58,8	13,2	—	4417	9,9	26	300	"	"	"	"	"	"	"	PS Tiefe immer ca 600 m
	01:15	56,6	14,8	—	4738	9,7	28	300	"	"	"	"	"	"	"	falsch, kann man nix machen!
	01:30	54,4	16,2	—	4808	10,0	26	1500	"	"	"	"	"	"	"	
	01:45	52,2	17,5	4822	4790	10,0	22	1200	"	"	"	"	"	"	"	geht wieder (manchmal)
	02:00	49,9	18,7	4686	4676	10,2	23	1200	"	"	"	"	"	"	"	
	02:15	47,5	20,1	4594	4553	10,0	24	900	"	"	"	"	"	"	"	
	02:30	45,0	21,7	4536	4499	10,3	24	1200	"	"	"	"	"	"	"	
	02:45	42,9	23,2	4621	4576	10,5	29	1000	"	"	"	"	"	"	"	
	03:00	40,6	24,9	4629	4616	10,5	26	680	"	"	"	"	"	"	"	St. Schmalb.
	03:15	38,2	26,3	4717	4669	10,3	24	350-800	"	"	"	"	"	"	"	
	03:30	35,9	27,8	4681	4634	10,5	28	790-1100	"	"	"	"	"	"	"	
	03:45	33,5	29,3	4674	4625	10,3	26	800-100	"	"	"	"	"	"	"	
	04:00	31,3	30,9	4658	4641	10,1	29	—	"	"	"	"	"	"	"	
	04:15	29,0	32,5	4656	4612	10,2	26	1000-1300	"	"	"	"	"	"	"	
	04:30	26,7	33,9	4636	4586	10,0	23	1000	"	"	"	"	"	"	"	
	04:45	24,3	35,2	4571	4541	10,6	23	620-1000	"	"	"	"	"	"	"	
	05:00	21,9	36,6	—	4570	10,6	23	800-	"	"	"	"	"	"	"	
	05:15	19,6	38,0	4666	4631	10,8	23	600-1100	"	"	"	"	"	"	"	5:19 Wechsel Tape 93 → 94
	05:30	17,1	39,4	4684	4637	11,1	25	860-1100	"	"	"	"	"	94	"	
	05:45	14,8	41,0	4656	4614	10,5	27	620-1000	"	"	"	"	"	"	"	
	06:00	12,4	42,6	4640	4608	10,9	26	950-1100	"	"	"	"	"	"	"	
	06:15	09,9	44,2	4680	4644	10,7	26	680-1200	"	"	"	"	"	"	"	
	06:30	07,6	45,6	4702	4669	10,3	24	650-1100	"	"	"	"	"	"	"	
	06:45	05,2	47,0	4710	4673	10,3	24	1300-2400	"	"	"	"	"	"	"	
	07:00	02,9	48,5	4697	4664	10,2	27	800-1200	"	"	"	"	"	"	"	
	07:15	00,5	50,1	4649	4602	10,2	23	1000-1700	"	"	"	"	"	"	"	Diekmann
	07:30	48° 58,2	51,5	4636	4587	10,1	25	500-1200	"	"	"	"	"	"	"	
	07:45	55,9'	54,1'	4626	4579	10,6	45	800-1400	"	"	"	"	"	"	"	
	08:00	54,3'	56,3'	4627	4579	10,2	44	800-1000	"	"	"	"	"	"	"	
	08:15	54,2'	57,4'	4624	4580	7,9	231	900-1700	"	"	"	"	"	"	"	
	08:30	55,4'	55,2'	4636	4591	8,0	233	600-900	"	"	"	"	"	"	"	
	08:45	56,6'	53,3'	4616	4575	2,5	245	600-1200	"	"	"	"	"	"	"	
	09:00	56,6'	53,1'	4616	4580	0,3	—	900-1200	"	"	"	20	"	"	"	Station ab ca. 02:50 Uhr
	9:43	56,6'	53,3'	4615	4575	0,2	298	500	X	X	"	"	"	"	"	Kahn
	11:40	56,5	53,0	4615	4576	5,2	1900	1500	4	2	266	0	21	94	Unter	Frequenztest
	12:18	52,7	58,1	4583	4537	7,9	47	2000	"	"	"	"	"	"	"	Ende Station PS 2821
	12:30	51,7	58,5	4526	4488	8,1	46	1100	"	"	"	"	"	"	"	Diekmann



Datum	Zeit UTC	Breite S	Länge E	Tiefe PS	Tiefe MS	Geschw. [km]	Kurs [°]	max Ampl.	Freq. PS	Pulse	Record length	Wait time	Data Roll	Tap No.	Wache	Bemerkungen
15.03.97	12:45	40° 50,3	10° 01,5	4498	4457	7,9	45	1000-1300	4	2	266	0	21	94	St. Schumacher	
	13:00	48,8	03,3	4495	4459	8,0	44	620-1000	"	"	"	"	"	"	"	"
	13:15	47,3	05,0	4546	4504	8,0	40	1000-1600	"	"	"	"	"	"	"	"
	13:30	45,8	06,6	4470	4433	7,7	45	500-1500	"	"	"	"	"	"	"	"
	13:45	44,5	08,5	4517	4476	7,9	49	600-	"	"	"	"	"	"	"	"
	14:00	43,2	10,5	4522	4482	7,6	52	540-	"	"	"	"	"	95	"	14:00 Wechsel Tape 94-95
	14:15	42,1	12,5	4533	4495	7,9	52	620-920	"	"	"	"	"	"	"	"
	14:32	40,5	14,6	4548	4513	7,4	45,8	1900	"	"	"	"	"	"	Kulow	"
	14:45	39,2	16,7	4560	4523	8,0	36	1500	"	"	"	"	"	"	"	"
	15:00	37,5	17,4	4597	4565	7,6	30	2500	"	"	"	"	"	"	Malinowski	"
	:15	36,0	18,9	4619	4583	7,7	44	2300	"	"	"	"	"	"	"	"
	:30	34,6	20,8	4607	4577	7,7	50	2000	"	"	"	"	"	"	"	"
	:45	33,3	22,6	4696	4652	7,9	49	2000	"	"	"	"	"	"	"	"
	16:00	32,1	24,5	4716	4646	7,5	49	2500	"	"	"	"	"	"	"	"
	1:15	30,8	26,4	4706	4656	7,5	42	1100	"	"	"	"	"	"	"	"
	:30	29,4	28,0	4621	4590	7,9	38	2400	"	"	"	"	"	"	"	"
	:45	27,8	29,6	4647	4613	7,3	37	2400	"	"	"	"	"	"	"	"
	17:00	40° 26,328	10° 31,301	4675	4645	7,7	42	2200	"	"	"	"	"	"	Ritzmann	"
	17:15	24,884	32,991	4676	4650	7,5	42	2250	"	"	"	"	"	"	"	"
	17:30	23,510	34,689	4688	4652	7,3	45	2100	"	"	"	"	"	"	"	"
	17:45	22,122	36,479	4691	4661	7,6	46	1663	"	"	"	"	"	"	"	"
	18:00	20,687	38,161	4681	4651	8,0	40	2700	"	"	"	"	"	"	"	"
	18:15	19,249	39,909	4673	4647	7,7	47	1700	"	"	"	"	"	"	"	"
	18:30	17,953	41,865	4636	4618	8,0	48	2000	"	"	"	"	"	"	"	"
	18:45	16,571	43,608	4625	4604	7,8	41	2600	"	"	"	"	"	"	"	"
	19:00	15,102	45,239	4615	4595	7,7	42	2100	"	"	"	"	"	"	"	"
	19:15	13,70	46,8	4612	4587	7,5	40	1800	"	"	"	"	"	"	Kulow	"
	19:30	12,3	48,5	4623	4597	7,9	45	2300	"	"	"	"	"	"	"	"
	19:45	10,9	50,2	4651	4618	7,6	42	2000	"	"	"	"	"	"	"	"
	20:00	9,4	51,8	4679	4646	7,9	42	2500	"	"	"	"	"	"	"	"
	:15	8,0	53,4	4689	4660	7,3	42	2100	"	"	"	"	"	"	"	"
	:30	6,7	55,1	4686	4661	7,4	46	1700	"	"	"	"	"	"	"	"
	:45	5,3	56,9	4708	4677	7,3	46	1700	"	"	"	"	"	"	"	"
	21:00	4,1	58,6	4699	4668	7,6	47	1800	"	"	"	"	"	"	"	"
	:15	2,8	11° 00,6	4779	4743	7,5	50	2000	"	"	"	"	"	"	"	"
	:30	1,6	2,3	4797	4765	7,4	44	2800	"	"	"	"	"	"	"	"
	:45	0,3	3,9	4833	4799	7,3	45	3000	"	"	"	"	"	"	"	"
16.3.97	22:00															Ende Tape 95
	14:15	38° 57,6	12° 22,4	5030	5010	7,2	41		"	"	"	5	"	"	"	nach etwas auf Platte gespeichert Ende



Ende!