

Parasound journal of Polarstern Leg ANT-XI/4

1994-03-31 to 1994-05-18

Gerhard Kuhn & Shipboard Scientific Party

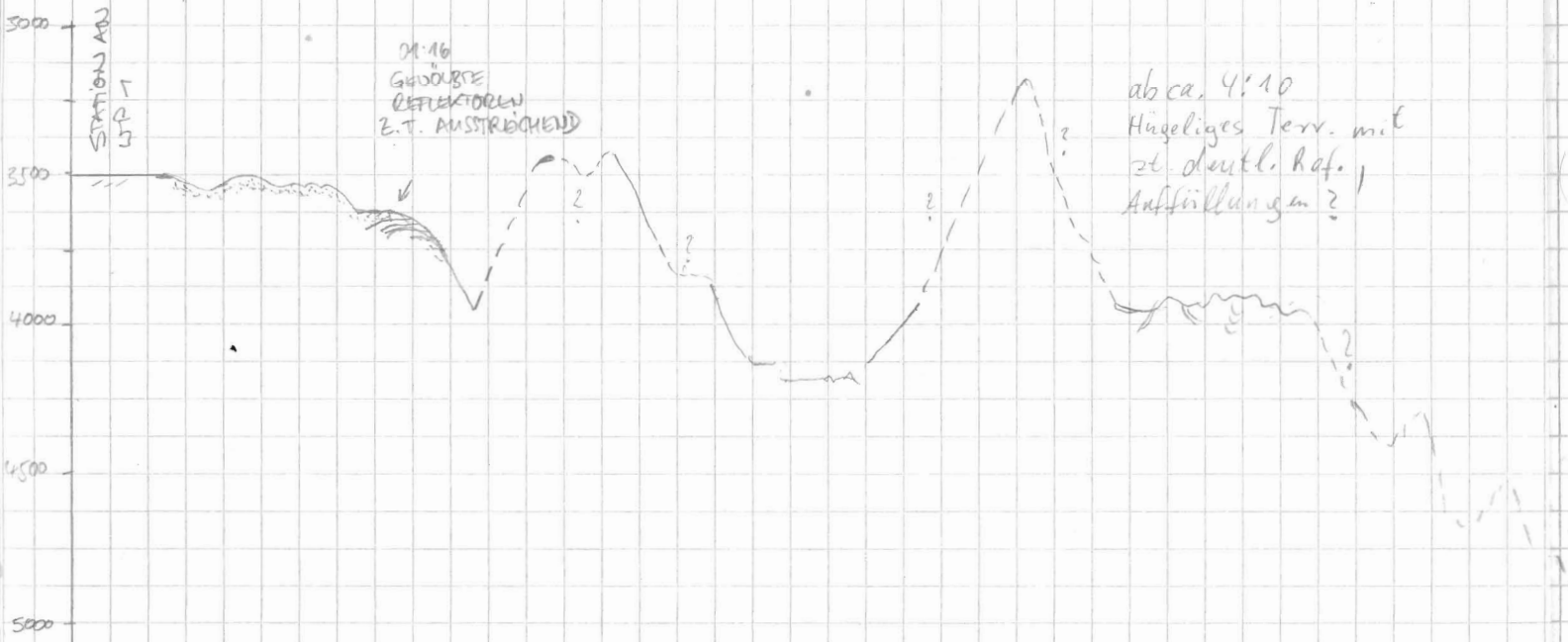
1994

Alfred Wegener Institute for Polar and Marine Research, Bremerhaven

hdl:10013/epic.28623

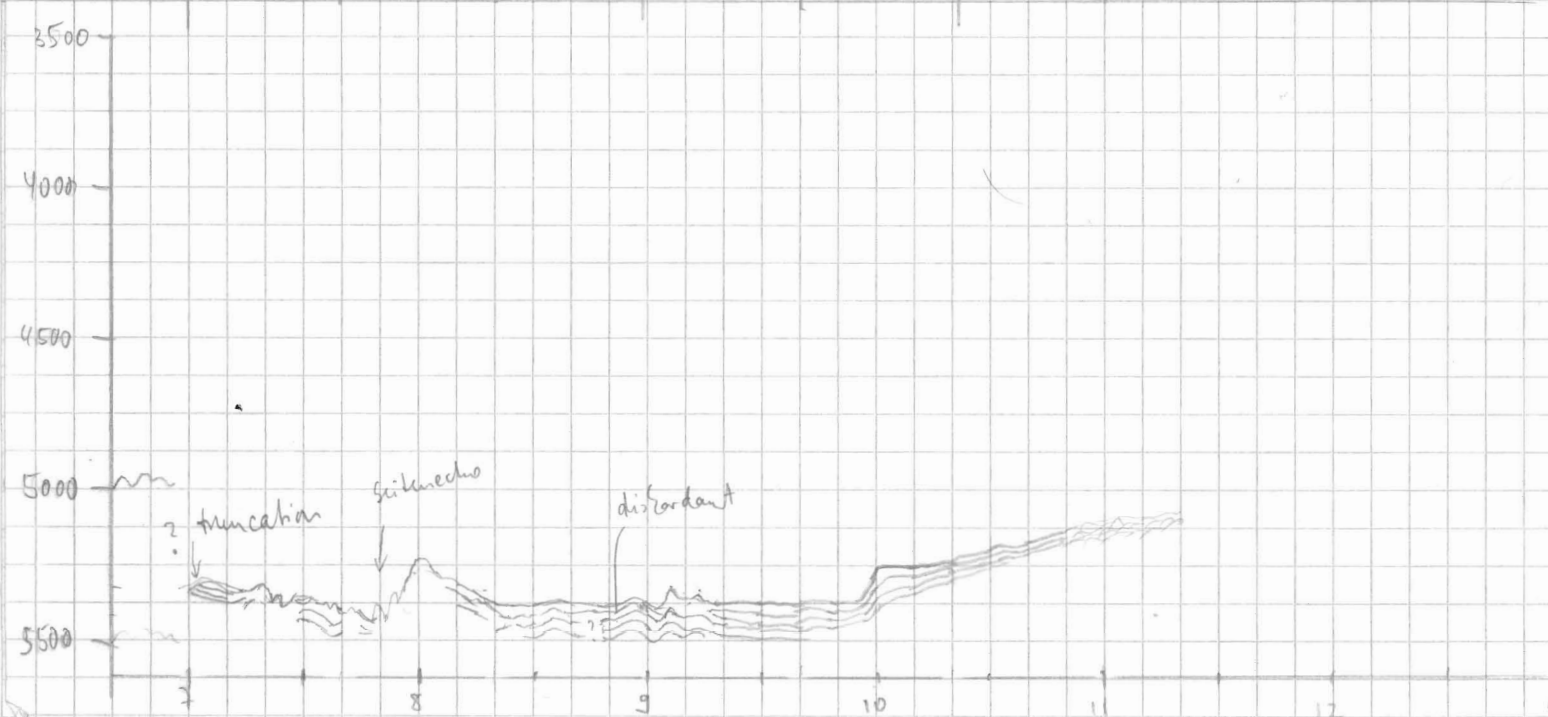
POLARSTERN ANT XI / 4

DATUM (UCT)	ZEIT (UCT)	TIEFE		GEOGRAPHISCHE		SPEED [KM]	KURS [°]	UACH- GÄNGER
		FS	HS	BREITE	LÄNGE			
31.03	00:30	3549.3	3558	37°02.430 S	21°35.198 E	11.0	82.6	D. VÖLKER
	00:40	3550.1	3561	02.448 S	37.124 E	13.0	98.9	" "
	00:50	3580.6	3588	03.644 S	39.088 E	13.5	120.6	" "
	01:00	3623.9	3635	05.068 S	40.920 E	14.1	126.7	" "
	01:10	3685.7	3709	06.332 S	42.843 E	12.7	126.2	" "
	01:20	3728.3	3761	07.682 S	45.019 E	13.3	123.8	" "
	01:30	3840.0	3973	08.872 S	47.091 E	12.8	124.7	" "
	01:40	3929.0	3982	09.703 S	49.306 E	12.8	115.8	" "
	01:50	3968.6	3915	10.748 S	51.921 E	13.2	113.0	" "
	02:00	3750.0	3750	11.499 S	54.110 E	13.7	108.8	B. LASEY
	02:10	3855.6	3886	12.301 S	56.279 E	13.5	113.2	" "
	02:20	3830.2	3840	13.170 S	58.539 E	13.6	113.9	" "
	02:30	4186.5	4275	14.010 S	22°01.101 E	14.0	109.4	" "
	02:40	4309.4	4276	14.755 S	03.438 E	13.2	111.5	" "
	02:50	3542.7	4336	15.485 S	05.966 E	14.2	111.6	" "
	03:00	3545.9	4205	16.351 S	08.584 E	13.4	110.3	" "
	03:10	4029.5	4048	17.235 S	11.048 E	14.5	112.4	" "
	03:20	3748.9	3790	18.122 S	13.501 E	13.6	113.6	" "
	03:30	3566.4	3600	18.010 S	15.842 E	12.5	114.8	" "
	03:40	3219.5	3230	20.024 S	18.387 E	12.8	117.6	" "
	03:50	4038.6	4047	21.237 S	21.047 E	13.4	124.4	" "
	04:00	4042.6	4064	22.384 S	22.732 E	12.7	132.0	" "
	04:10	4046.3	4059	22.469 S	23.072 E	2.2	199.6	" "
	04:20	4049.6	4069	24.056 S	25.045 E	14.0	138.7	" "
	04:30	4054.5	4056	25.542 S	26.642 E	14.1	138.2	" "
	04:40	4065.5	4049	27.260 S	28.409 E	13.8	138.4	" "
	04:50	3651.4	4225	28.881 S	30.390 E	13.7	136.6	" "
	05:00	3659.5	4285	30.544 S	32.189 E	13.2	137.9	" "
	05:10	4487.4	4472	32.237 S	34.185 E	14.2	138.7	" "
	05:20	3886.6	4734	24.028 S	36.222 E	14.3	138.2	" "
	05:30	4251.4	4891	35.716 S	38.067 E	13.7	138.7	" "
	05:40	4252.2	5011	37.589 S	40.136 E	13.9	137.9	" "
	05:50	4238.9	5155	39.278 S	42.080 E	13.9	137.6	" "
	06:00	-	5133	40.878 S	43.939 E	14.2	137.9	" "
	06:10	-	5284	42.525 S	45.822 E	14.1	137.4	" "



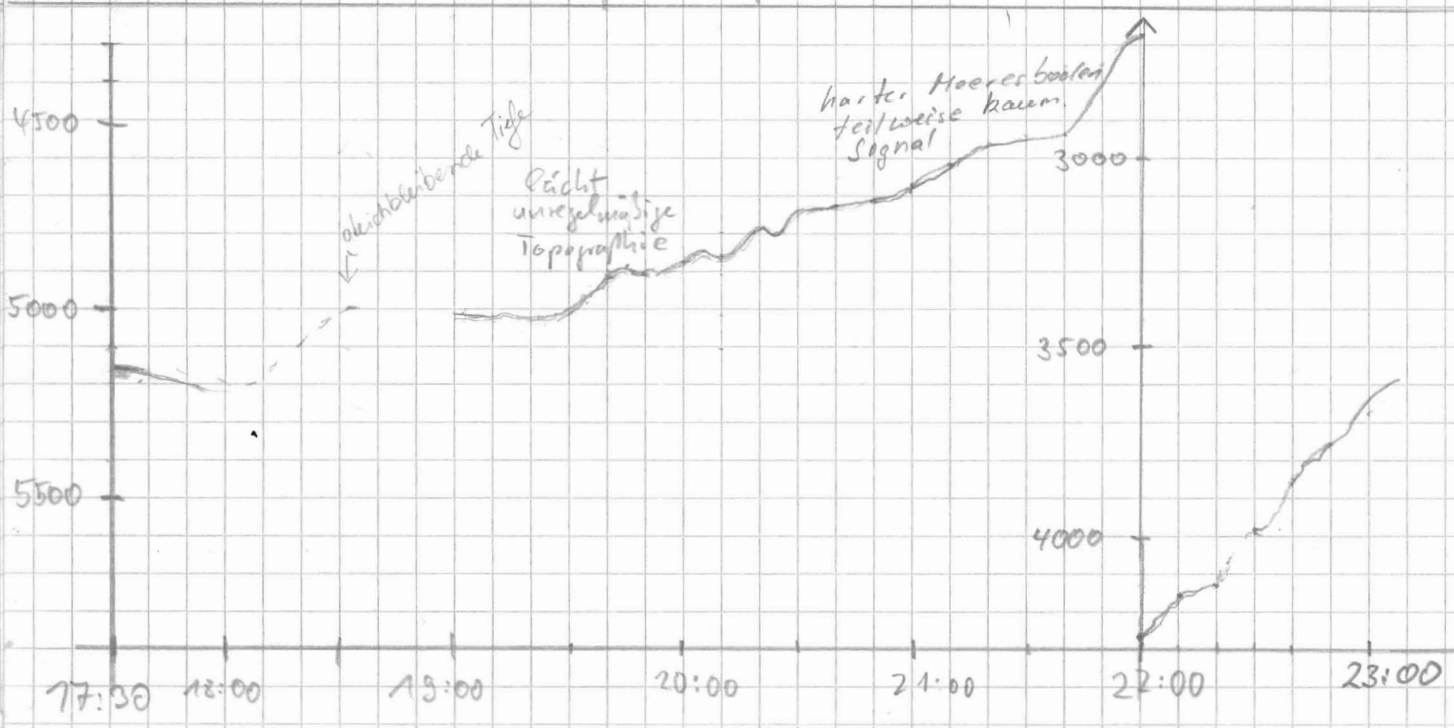
Polarstern ANT XI/4

DATUM (UCT)	Zeit (UCT)	TIEFE		GEOGRAPHISCHE		SPEED [kn]	KURS [°]	WACH- GÄNGER
		PS	HS	Breite	Länge			
27.05	06:20	5210,0	5320	37°44.275 S	22°47.888 E	14.2	136,0	B. Lasser
	06:30	5209,0	5303	45.047 S	48.635 E	2.5	189,8	U
	06:40	5209,0	-	46.146 S	49.691 E	13.8	138,1	U
	06:50	-	5346	47.956 S	51.758 E	14.2	137,1	U
	07:00	5327,0	5338	49.669 S	53.735 E	14.2	136,2	U
	07:10	5329	5337	51.447 S	55.83 E	14.1	138,0	F. Nissen
	07:20	5339	5353	53.10 S	57.81 E	13.7	139,6	U
	07:30	5354	5393	54.90 S	59.86 E	14.4	136,7	U
	07:40	5386	5435	56.51 S	59.05 E	14.2	136,8	U
	07:50	5337	5366	58.21 S	23°03.57 E	13.8	137,1	U
	08:00	5300	5327	59.67 S	04.99 E	10,3	139,4	U
	08:10	5359	5368	59.77 S	04.94 E	13.4	101,8	U
	08:20	5371	5381	59.83 S	05.91 E	9.1	128,8	U
	08:30	5366	5375	38°00.72 S	06.96 E	9.8	140,2	U
	08:40	5370	5389	02.54 S	08.92 E	13.6	137,3	U
	08:50	5353	5375	03.96 S	10.61 E	13.6	136,1	U
	09:00	5361	5380	05.62 S	12.50 E	13.5	139,9	U
	09:10	5316	5340	07.28 S	14.41 E	13.3	138,9	U
	09:20	5321	5360	08.9 S	16.1 E	13,5	142,2	F.T. Haas
	09:30	5310	5350	09.9 S	17.12 E	0,3	120,5	"
09:40	5310	5349	10.26 S	17.55 E	8,1	137,7	"	
09:50	5306	5350	11.74 S	19.33 E	13,5	137,6	"	
10:00	5277	5299	13.43 S	21.28 E	13,6	137,7	"	
10:10	5250	5296	14.99 S	23.01 E	13,6	137,9	"	
10:20	5238	5281	16.52 S	23.24 E	13,8	137,5	"	
10:30	5220	5261	18.07 S	26.76 E	13,9	136,7	"	
10:40	5209	5234	19.63 S	28.24 E	11,9	165,0	"	
10:50	5184	5225	20.14 S	28.70 E	7,5	116,7	"	
11:00	5167	5207	21.48 S	30.47 E	14,0	138,7	"	
	11:20	5165	5205	25.3 S	34.6 E	13,1	136	Vollhard Spitz
	11:30	5163	5205	26.7 S	36.3 E	13,6	138	
	11:50	5221	5255	29.9 S	40.0 E	10,1	133	

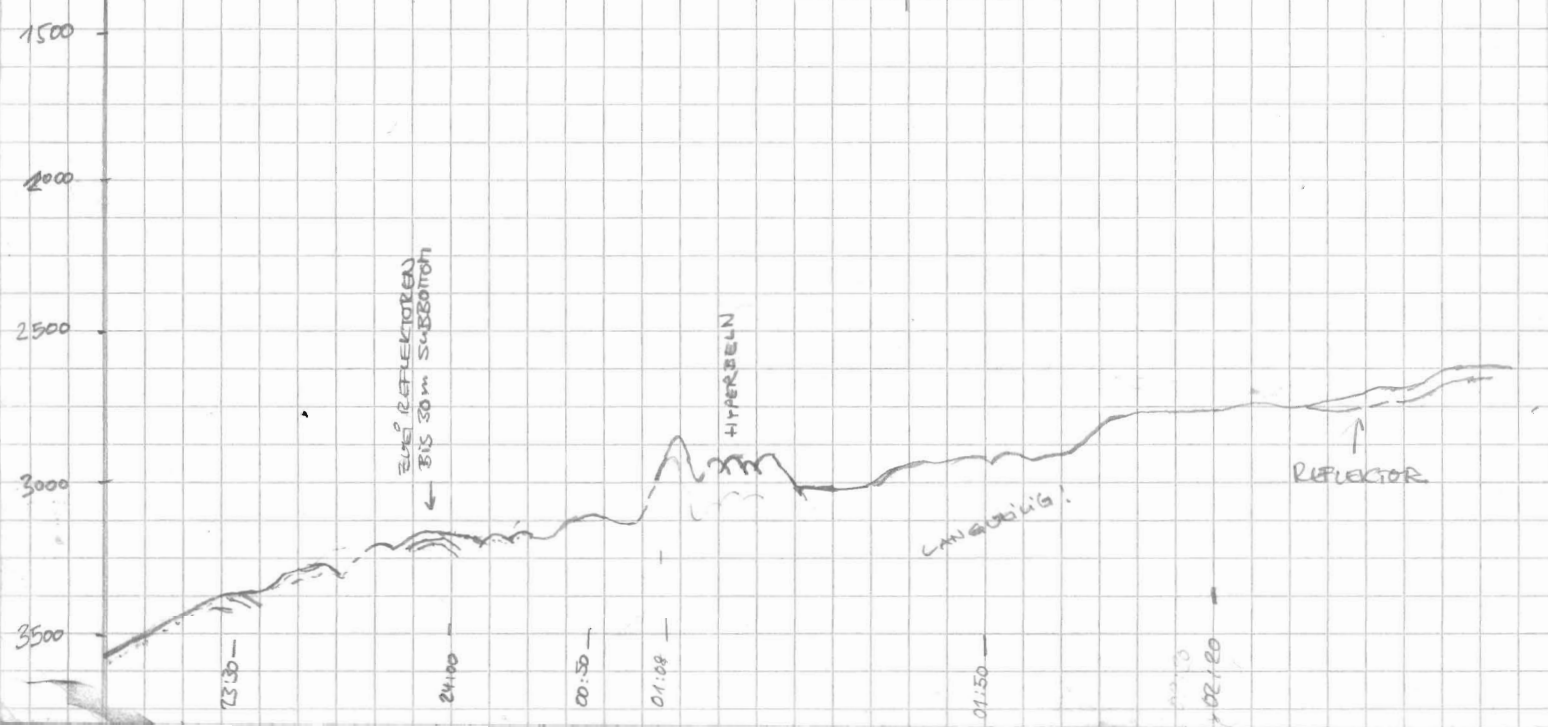


Polarstern ANT XI 14

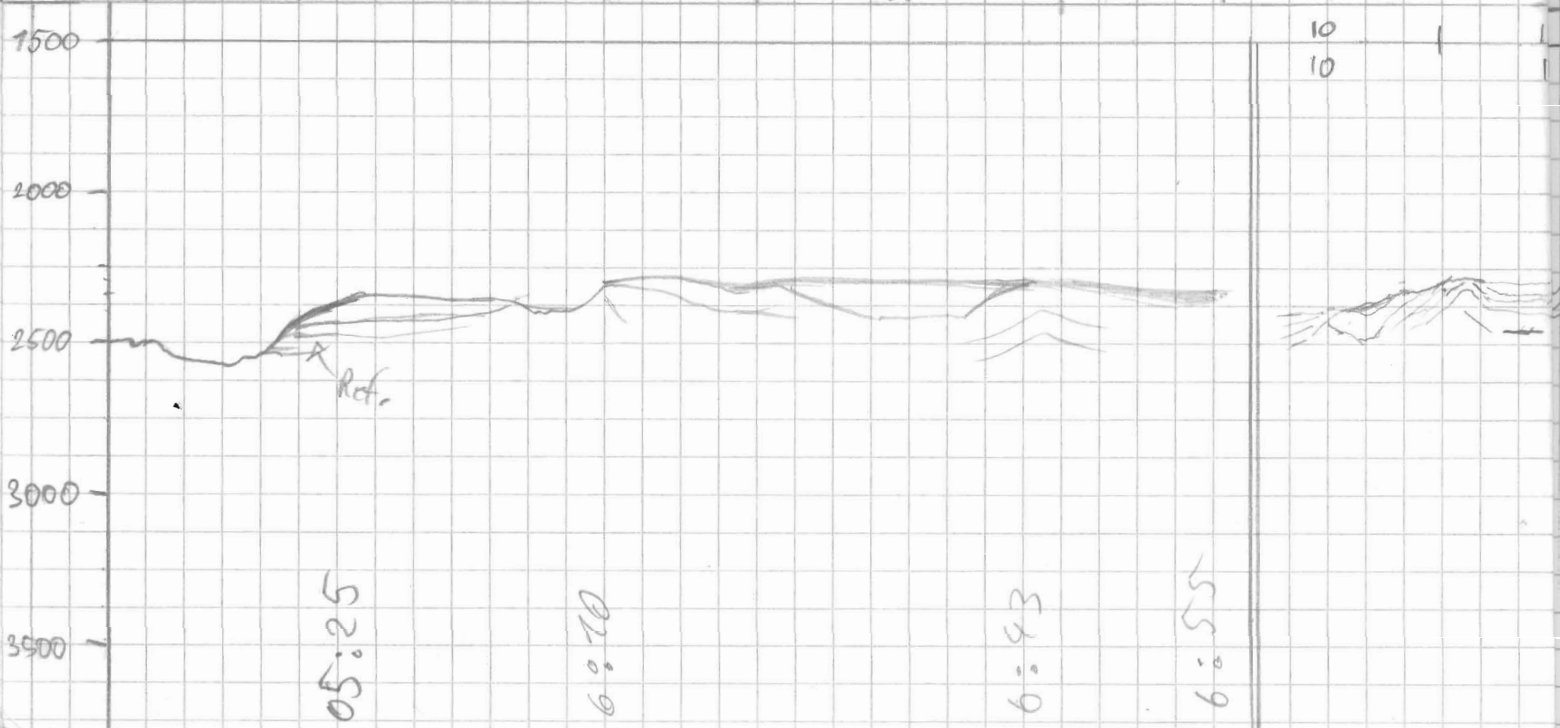
Datum UTC	Zeit UTC	Tiefe PS	Tiefe HS	Lat.	Lon.	Speed [km]	Kurs [°]	Wachgänger
31.3	17:30	5159	5200	38°28,25	23°37,15	2,4	358	Grigel
"	17:40	5171	5209	28,5	38,0	10,3	132,3	Jung
"	17:50	5224	5258	29,7	39,9	11,8	134,0	"
"	18:00	5251	5304	31,19	41,48	11,5	141,8	"
"	18:10	5246	5257	32,8	43,18	11,9	141,1	"
"	18:20	5053	5097	34,29	44,69	11,8	141,8	"
"	18:30	5135	5178	35,73	46,19	11,9	141,7	"
"	18:40	5006	5036	37,23	47,76	11,7	141,6	"
"	18:50	4972	5023	38,72	49,38	11,9	139,4	"
"	19:00	4971	4992	40,21	51,01	12,1	139,7	"
"	19:10	5017	5047	41,72	52,60	11,7	140,2	Schwiodel
"	19:20	5020	5054	43,20	54,06	11,9	139,9	"
"	19:30	5030	5038	44,70	55,62	12,1	138,9	"
"	19:40	4913	4955	46,14	57,13	11,3	139,6	"
"	19:50	4906	4948	47,57	58,70	11,9	139,9	"
"	20:00	4883	4919	49,07	28°00,21	12,0	140,3	"
"	20:10	4860	4896	50,57	01,69	12,0	141,5	"
"	20:20	4773	4798	52,05	03,21	11,6	143,3	"
"	20:30	4739	4777	53,55	04,75	12,1	141,8	"
"	20:40	4727	4770	55,02	06,27	11,9	140,7	"
"	20:50	4710	4753	56,47	07,72	11,2	142,6	"
"	21:00	4683	4733	57,47	09,25	11,6	140,7	Borgardt
"	21:10	4679	4719	59,31	10,69	11,7	142,7	"
"	21:20	4622	4656	39°00,74	12,29	12,3	138,9	"
"	21:30	4577	4616	02,07	13,89	11,9	136,9	"
"	21:40	4558	4583	03,31	15,46	11,8	137,5	"
"	21:50	4364	4399	04,68	17,01	12,3	140,0	"
"	22:00	4275	4314	06,12	18,54	12,0	138,7	"
"	22:10	4145	4182	07,64	20,07	11,8	140,6	"
"	22:20	4125	4163	09,02	21,6	12,8	141,8	"
"	22:30	3978	4009	10,55	23,6	12,3	139,7	"
"	22:40	3847	3883	11,99	24,24	11,8	141,1	"
"	22:50	3758	3770	13,39	26,26	11,7	140,3	"
"	23:00	3650	3682	14,87	27,97	12,9	136,5	Völler,



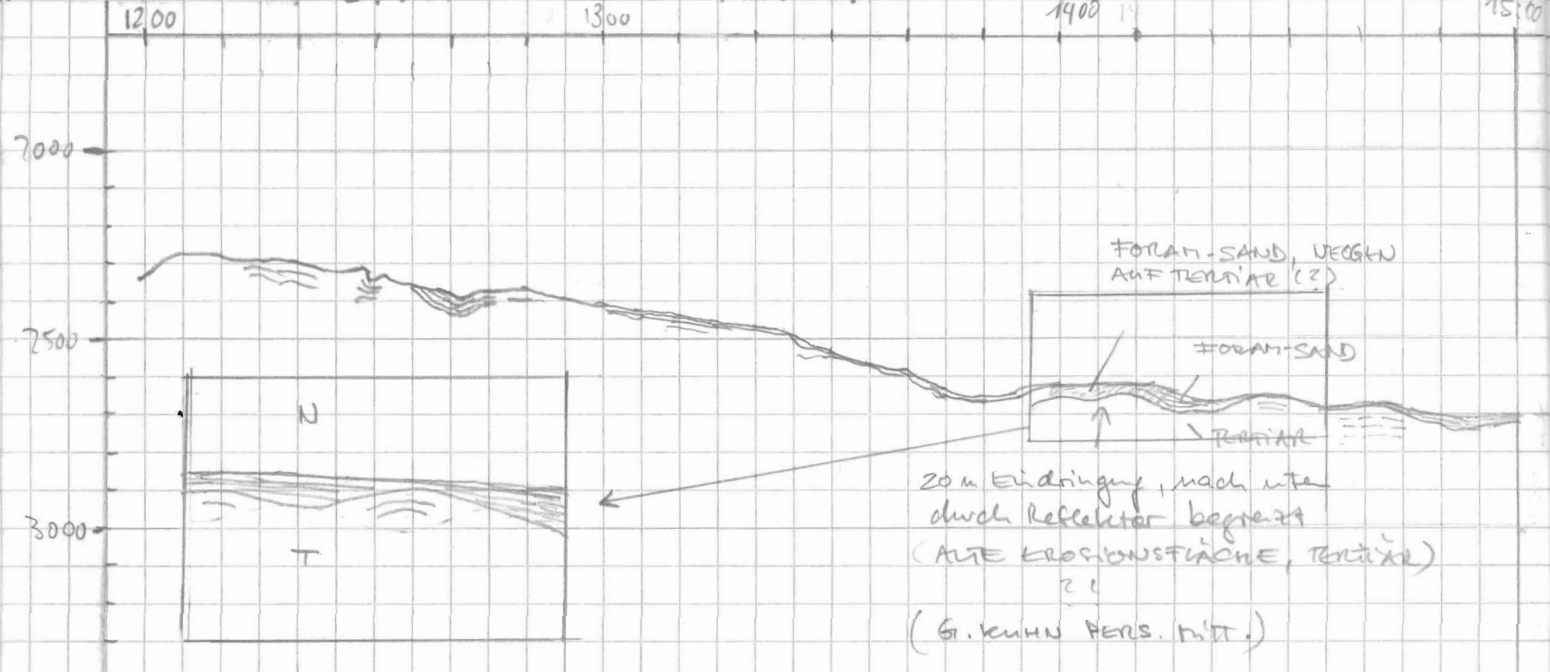
DATUM (UTC)	ZEIT (UTC)	TIEFE FS	TIEFE HS	LAT [°]	LONG [°]	SPEED [KNT]	KURS [°]	VACHGAUßER
31.03	23:10	3577	3600	39°16.35S	24°29.92E	12.8	135	D. VÖLCKER
	23:20	3469	3506	17.63	31.40	14.1	136.6	" "
	23:30	3401	3429	19.65	33.70	14.1	137.0	" "
	23:40	3376	3408	20.88	35.13	14.3	137.7	" "
	23:50	3287	3300	22.24	36.73	11.1	137.6	" "
01.04	24:00	3297	3310	23.62	38.35	11.9	136.8	" "
	00:20	3195	3201	26.60	41.77	12.2	138.1	" "
	00:30	3151	3155	27.78	43.10	12.0	139.0	" "
	00:40	3098	3122	29.22	44.56	11.5	150.1	" "
	00:50	3075	3086	30.79	45.89	11.8	139.8	" "
	01:00	3050	3065	32.22	47.52	12.4	138.1	" "
	01:10	2916	2923	33.70	49.29	13.0	138.9	" "
	01:20	2908	2920	35.33	51.08	14.0	142.0	" "
	01:30	2976	2981	36.97	52.88	13.9	140.0	" "
	01:40	2945	2948	38.70	54.68	13.5	141.2	" "
	01:50	2930	2936	39.40	56.41	13.0	139.8	" "
	02:00	2904	2905	41.69	58.11	12.7	138.1	" "
	02:12	2840	2842	43.81	25°00.58	12.9	139.6	" "
	02:20	2826	2829	44.85	01.68	13.1	139.0	" "
	02:30	2805	2804	46.39	03.45	12.4	139.6	" "
	02:40	2780	2778	47.96	05.32	12.5	139.3	" "
	02:50	2752	2748	49.56	06.98	13.0	139.5	" "
	03:00	2762	2757	51.45	09.24	13.4	140.7	B. Case
	03:10	2769	2754	52.79	10.50	12.4	140.0	" "
	03:20	2738	2733	54.37	12.29	12.9	139.4	" "
	03:30	2733	2728	56.05	14.18	12.1	137.7	" "
	03:40	2692	2692	57.65	15.96	12.6	141.1	" "
	03:50	2702	2707	59.03	17.43	12.9	141.2	" "
	04:00	2694	2687	40°00.56	19.23	13.0	140.7	" "
	04:10							
	04:20	2645	2642	03.35	22.77	13.3	139.5	" "
	04:30	2601	2598	05.15	24.91	13.7	144.1	" "
	04:40	2543	2545	05.95	27.55	13.0	141.8	" "
	04:50	2529	2528	06.63	30.10	13.0	109.5	" "
	05:00	2497	2496	07.20	32.54	12.3	109.1	" "



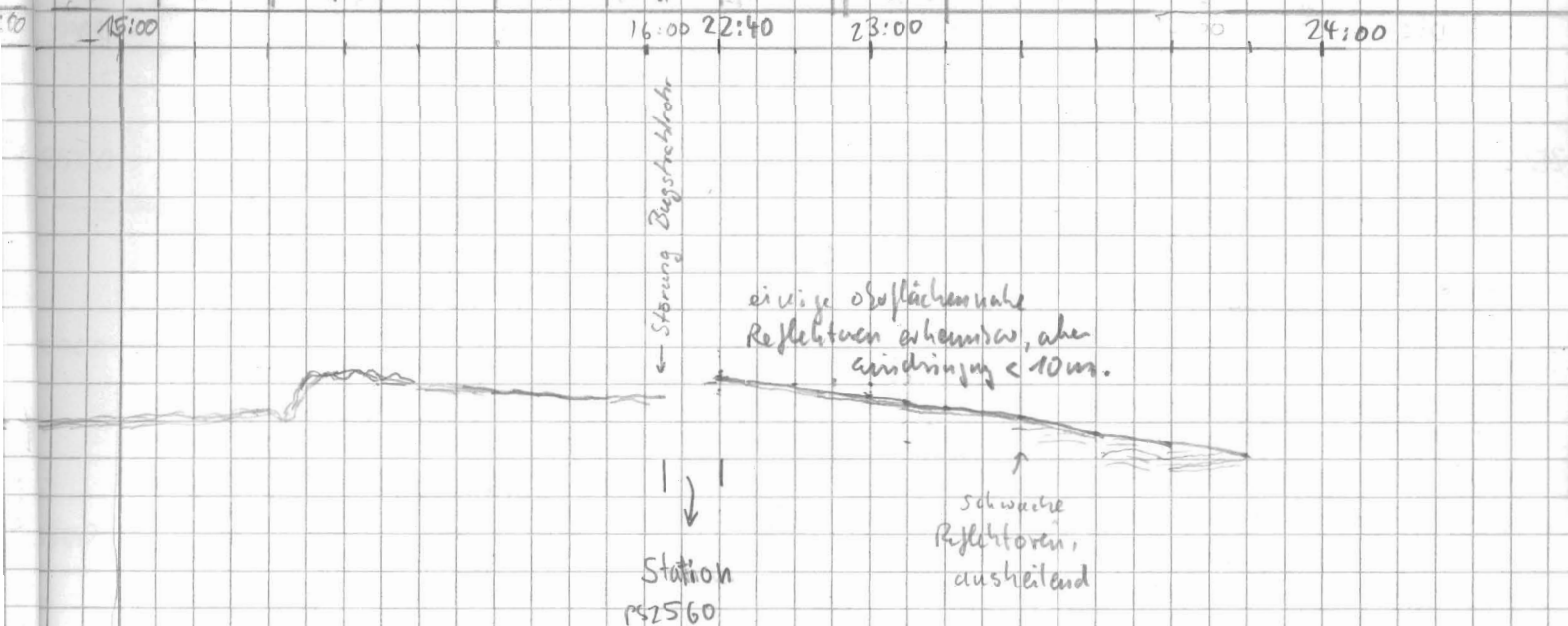
Datum (UTC)	Zeit (UTC)	Tiefe PS	Tiefe HS	Lat [°]	Lon [°]	Speed [km]	Kurs [°]	Wachgänger
01.04	05:10	2535	2533	40°07.30	25°35.45	12.6	107.4	Bernd Laser
	05:20	2447	2457	08.40	37.56	12.6	110.1	— " —
	05:30	2432	2437	08.02	38.38	12.3	109.4	— " —
	05:40	2420	2426	08.58	42.82	12.4	110.2	— " —
	05:51	2423	2424	10.45	45.40	12.5	111.0	— " —
	06:00	2410	2405	10.96	47.24	12.3	109.1	— " —
	06:10	2399	2385	11.63	48.53	12.3	108.6	— " —
	06:20	2403	2403	12.14	51.39	12.4	108.8	— " —
	06:30	2387	2385	12.66	54.42	12.1	109.7	— " —
	06:40	2386	2381	13.14	56.90	11.8	108.4	— " —
	06:50	2401	2384	13.84	59.34	12.6	110.5	— " —
	07:00							
	07:10	2406	2387	14.95	26°02.21	11.6	282.5	— " —
	07:20	2404	2384	14.04	25°58.75	8.0	281.8	— " —
	7:30	2402	2386	40°13.8	25°58.1	0.4	302	— " —
	7:40	2403	2384	14.0	58.3	2.4	114	— " —
	7:50	2403	2385	14.6	26°00.3	4.9	156	— " —
	8:00	2404	2400	14.54	06.45	3.6	208.4	— " —
	08:10	2410	2401	14.68	00.26	3.4	275	Uwe Frey
	08:20	2404	2387	14.88	00.84	3.5	174	— " —
	08:30	2406	2387	14.46	00.61	4.5	280	— " —
	9:45							
	9:50	2406	2388	40°14.6 S	26°01.0 E	7.9	89	W. Spieg
	10:00	2403	2394	15.0 S	03.3 E	12.2	110	
	10:10	2406	2397	15.6 S	05.8 E	12.7	110	
	10:20	2390	2382	16.2 S	08.3 E	12.6	106	Fr. Nemen
	10:30	2378	2371	16.8 S	10.8 E	12.5	109	— " —
	10:40	2358	2350	17.5 S	13.4 E	17.3	104	— " —
	10:50	2345	2336	18.3 S	16.4 E	12.7	94	— " —
	11:00	2349	2339	18.6 S	18.2 E	12.6	108	"
	11:10	2329	2322	19.2 S	20.7 E	12.8	108	"
	11:20	2327	2320	19.8 S	23.3 E	13.0	108	"
	11:30	2309	2302	20.4 S	25.8 E	12.3	111	"
	11:40	2339	2332	21.2 S	28.3 E	12.6	112	"
	11:50	2342	2339	21.8 S	26.3 E	12.4	112	"



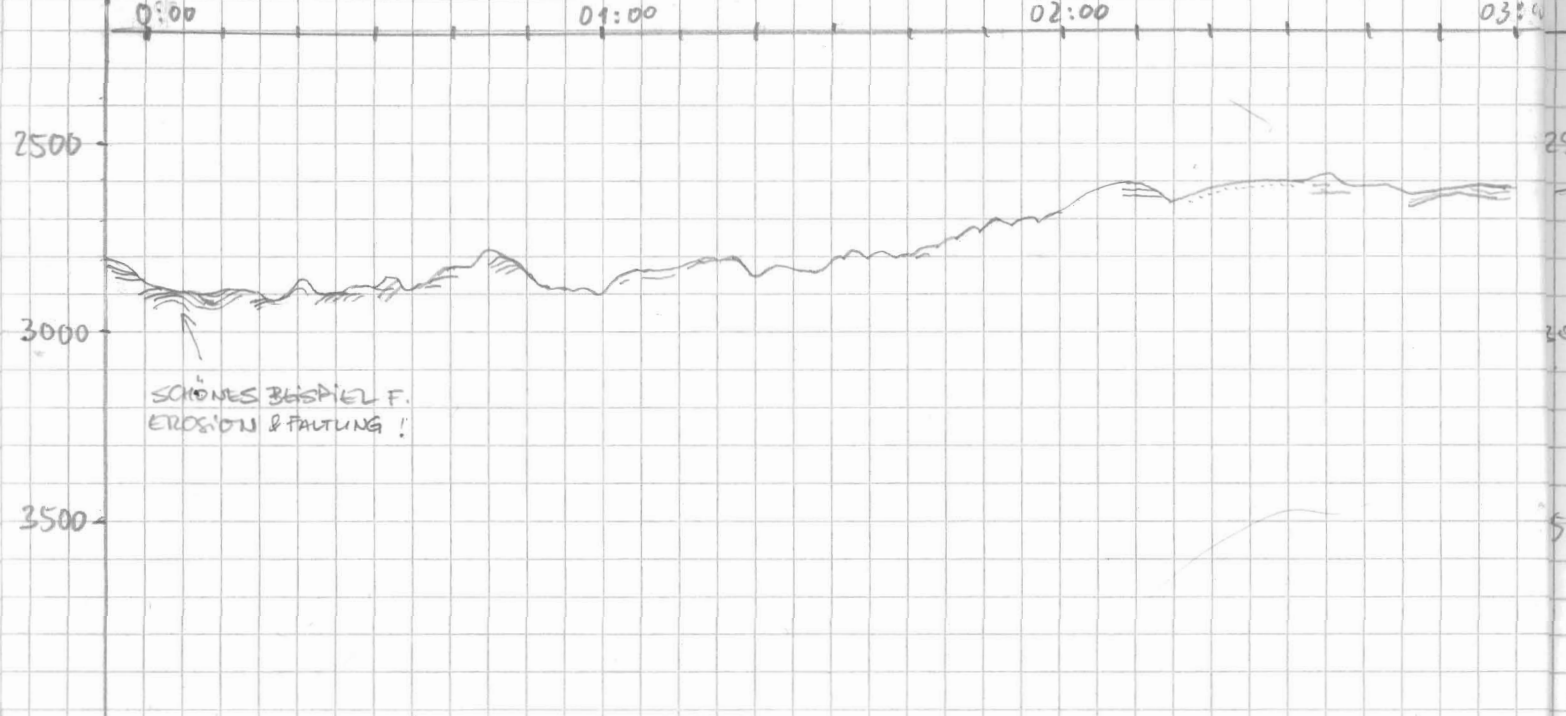
Datum UTC	Zeit UTC	Tiefe PS	Tiefe ITS	Lat [°]	Lon [°]	Speed [km]	Kurs [°]	Wachgänger
01.04	12:00	2341	2336	40° 22,2 S	26° 29,2 E	11,1	264	F. Nömer
	12:10	2278	2267	22,6 S	26,8 E	11,3	258,7	F. T. Haas
	12:20	2295	2288	23,0 S	24,3 E	11,4	257,2	"
	12:30	2342	2339	23,4 S	22,0 E	11,5	258,0	"
	12:40	2390	2390	23,9 S	19,5 E	11,7	253,1	"
	12:50	2390	2394	24,2 S	17,0 E	11,7	261,3	"
	13:00	2410	2414	24,6 S	14,6 E	11,9	259,3	"
	13:10	2434	2434	24,9 S	12,2 E	12,1	259,1	"
	13:20	2471	2475	25,3 S	09,7 E	12,3	259,4	"
	13:30	2541	2536	25,6 S	07,3 E	12,1	257,6	"
	13:40	2589	2591	26,0 S	05,0 E	12,0	256,7	"
	13:50	2649	2647	26,4 S	02,6 E	11,9	257,7	"
	14:00	2620	2622	26,9 S	00,3 E	11,7	253,0	"
	14:10	2633	2633	27,3 S	57,9	11,3	259,0	D. Völcker
	14:20	2642	2642	27,7 S	55,0	11,4	257,0	"
	14:30	2648	2645	28,0 S	53,0	11,5	257,0	"
	14:41	2660	2655	28,5 S	50,5	11,7	257,0	"
	14:50	2657	2651	28,9 S	48,3 E	11,4	260,0	"
	15:00	2655	2650	29,3 S	46,3 E	11,9	259,0	"
	15:10	2650	2647	29,7 S	43,9 E	11,9	259	10. Spieß
	15:20	2627	2611	30,1 S	41,6 E	11,6	262	
	15:30	2584	2547	40° 30,4 S	25° 39,5 E	11,2	264	
	15:40	2580	2580	30,8 S	37,1 E	11,2	268	
	15:50	2618	2618	30,0 S	35,2 E	10,9	273	
	16:00	2638	2637	31,3 S	34,7 E	12,2	143	
	16:05	2637	2637	31,8	34,5	4,3	233	Borgardt
	16:10	2640	2641	32,0	34,1	8,0	264	"
	16:13	2640	2640	32,1	33,94	2,2	223,5	"
	22:50	2589	2581	40,32	41,40	14,9	119,4	Schmidl
	23:00	2621	2612	41,47	44,09	17,0	115,3	"
	23:10	2657	2649	42,59	47,22	16,4	115,2	"
	23:20	2691	2679	43,61	50,54	17,4	108,0	"
	23:30	2725	2718	44,32	53,71	15,9	105,7	"
	23:40	2757	2747	45,04	56,99	16,1	104,8	"
	23:50	2793	2777	45,70	26° 00,29	16,0	104,7	"



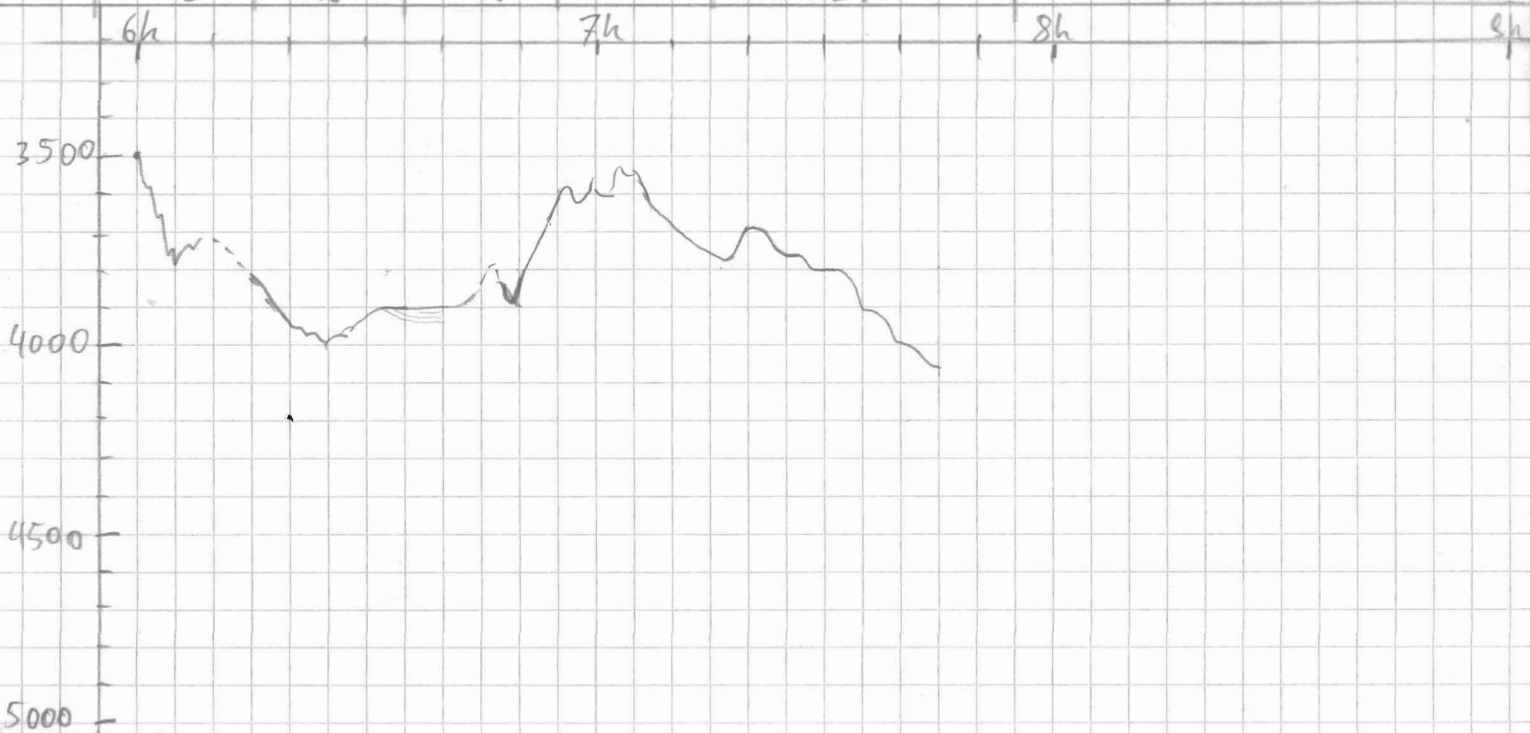
f [kHz]	Puls länge	f	Dauer	wt	Dat. Red	Meß- methoden	Papier Rolle	Bemerkungen
4	1	40	266	0	0	7	2	Ende Profil, Messung 26°. ← EINDRINGUNG WIRD NACH UNTEN BEGRENZT DURCH UNDULIERENDEN REFLEKTOR (14:10) ← SCHWACHE REFLEKTIONEN BIS ~20m EINDRINGTIEFE
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
4	1	40	266	0	0	7	2	
5,5	1	40	266	0	0	7	2	
"	"	"	"	"	"	"	"	
5,5	4	40	266	30	0	7	"	PS 2560
5,5	4	40	266	0	0	7	"	Stationsende: 27,40
5,5	4	40	266	0	0	1	"	
4	1	40	266	0	0	1	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	



Datum UTC	Zeit UTC	Tiefe PS	Tiefe HS	Lat (°)	Lon [°]	Speed [km]	Mus [°]	Wachjäger
07.04.	00:00	2837	2829	40°46.54 S	26°04.7 E	15.2	104	D. Vöcker 10.
	00:10	2844	2840	46.9 S	06.7 E	15.4	104	- " -
	00:20	2851	2848	47.5 S	10.0 E	15.8	105.6	- " -
	00:30	2871	2870	48.2 S	13.2 E	15.8	122.0	- " -
	00:40	2881	2878	49.5 S	16.2 E	16.0	122	- " -
	00:50	2834	2832	50.8 S	18.8 E	14.1	121	- " -
	01:00	2886	2885	52.0 S	21.7 E	15.5	122	- " -
	01:10	2848	2846	53.3 S	24.5 E	15.5	121	- " -
	01:20	2848	2847	54.6 S	27.2 E	15.3	120	- " -
	01:30	2818	2842	55.8 S	30.0 E	15.3	121	- " -
	01:40	2796	2787	57.0 S	32.8 E	15.1	117	- " -
	01:50	2750	2732	58.3 S	35.8 E	15.2	122	- " -
	02:00	2700	2688	59.5 S	38.4 E	15.4	123	- " -
	02:10	2615	2595	41°01.9 S	43.9 E	14.8	123	- " -
	02:20	2617	2598	02.0 S	44.1 E	15.2	124	- " -
	02:30	2620	2598	03.3 S	47.0 E	15.0	123	- " -
	02:40	2613	2586	04.6 S	49.8 E	15.3	118	- " -
	02:50	2620	2583	05.9 S	52.5 E	15.1	123	- " -
	03:00	2626	2600	07.1 S	55.2 E	14.9	124	
	03:10	2625	2601	08.3 S	58.1 E	15.4	124	
	03:40	2630	2563	12.2 S	27°06.4 E	15.2	123	
	03:50	2620	2560	13.5 S	09.5 E	15.2	122	
	04:00	2670	2526	14.7 S	12.1 E	15.7	117	B. Lase ✓
	04:10	2628	2552	16.1 S	14.8 E	15.5	121	
	04:20	2708	2640	15.1 S	17.6 E	16.8	115	
	04:30		2817	18.6 S	20.4 E	15.9	117	
	04:40	2490	2437	18.7 S	23.3 E	15.8	116	
	04:50	2308	2335	21.2 S	26.4 E	15.6	119	
	05:00	2474	2438	22.3 S	28.5 E	15.7	118	
	05:10	2536	2550	23.6 S	31.8 E	15.3	119	
	05:20	2702	2676	24.9 S	34.6 E	15.8	117	
	05:30	3038	3107	26.1 S	37.4 E	15.5	118	
	05:40	3236	3220	27.9 S	40.5 E	15.6	118	
	05:50	3386	3380	28.6 S	43.2 E	15.5	118	
	06:00	3532	3531	29.8 S	46.0 E	15.4	121	

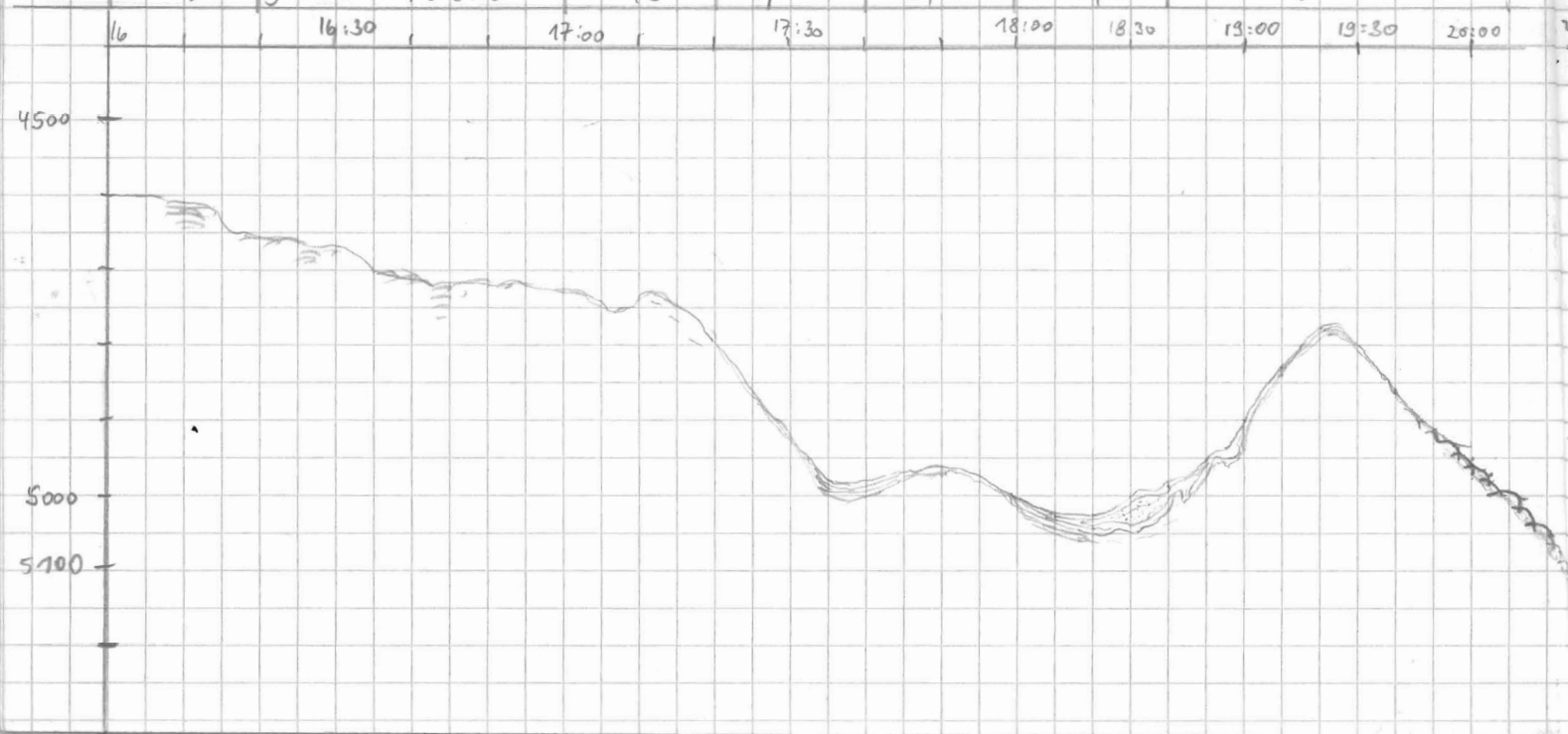


Date (UTC)	Time (UTC)	Tiefe		Lat	Lon	Speed [kn]	Kurs [°]	Wachgänger
		PS	HS					
02.04	06:10	3850	3989	41°31.3 S	27°48.3 E	15.5	122	B. Lase
	06:20	4007	4010	32.6 S	57.8 E	15.6	119	"
	06:30	4107	4080	33.9 S	54.4 E	15.6	120	"
	06:40	4112	4072	35.1 S	57.3	15.3	120	"
	06:50	3805	3773	36.3	28°00.1 E	15.4	116	"
	07:00	3608	3598	37.5	2.9	15.2	121	"
	07:10	3528	3474	38.7	5.7	15.2	118	"
	07:20	3798	3757	39.9	8.5	15.2	119	"
	07:30	3885	3876	41.1	11.8	15.1	117	"
	07:40	3988	4007	42.3	14.0	15.1	120	"
	07:50	4087	4072	43.7	16.8	15.1	122	"
	08:00	4168	4153	45.0	19.7	15.1	120	"
	08:10	4270	4256	46.4	22.8	15.2	119	W. Kridels
	08:20	4447	4438	47.6	25.4	15.4	117	"
	08:30	4467	4442	48.7	28.0	15.1	118	"
	08:40	4450	4437	50.0	30.8	15.3	120	"
	08:50	4507	4498	51.3	33.4	10.1	116	"
	09:00	4498	4487	52.0	35.3	10.2	115	"
	09:10	4490	4481	52.3	34.4	8.5	293	"
	09:20	4479	4472	51.7	32.7	1.1	60	"
	09:30	4479	4468	51.6	32.6	0.4	113	"
	09:40							
	09:50							
	10:00							
	15:32	4477	4468	41°51.38 S	28°32.43 E	-	-	
	34							
	36							
	37							
	39							
	40							
	41	4479	4470	41°51.23 S	28°32.47 E	-	-	
	42							
	48	4482	4474	51.11 S	32.57 E			
	49							
	55	4491	4479	51.03 S	32.67 E			



TIEFE

DATE	TIME UTC	PS	HS	Latitude	Longitude	Speed	Kms	Wachgänger
	15:56							
	57							W. Spieß
	58	4492	4483	41° 51.00	28° 32.75 E	-	-	
16:	10	4502	4492	51.20	33.97	11.7	124	
16:	20	4508	4496	52.4 S	36.3 E	14.5	122	
16:	30	4571	4554	53.7 S	38.9 E	15.0	124	
16:	40	4679	4663	55.1 S	41.7 E	15.1	125	
16:	50	4699	4682	56.4 S	44.2 E	14.7	122	
17:	00	4739	4727	57.7 S	46.9 E	14.9	122	
17:	10	4695	4682	58.9 S	49.7 E	15.0	121	
17:	20	4841	4838	59.9 S	52.5 E	14.9	118	
17:	30	4928	4923	42° 01.1 S	28° 55.4 E	15.0	119	
17:	40	4966	4967	02.3 S	58.5 E	14.6	118	
17:	50	4972	4971	03.2 S	29° 01.1 E	14.4	122	
18:	00	5005	5014	04.4 S	03.7 E	14.7	124	
18:	10	5054	5082	05.7 S	06.5 E	14.5	122	Borgardt
18:	20	5056	5071	07.0	09.2	14.8	123	"
18:	30	5001	5037	08.2	11.9	14.7	123	"
18:	40	4981	5013	09.5	14.7	14.7	123	"
18:	50	4949	4980	10.8	17.5	14.7	121,1	"
19:	00	4901	4918	12.0	20.7	14.7	120,0	"
19:	10	4835	4848	13.1	23.0	14.8	121,4	"
19:	20	4770	4795	14.33	25.98	14.9	120,8	"
19:	30	4796	4816	15.5	28.7	15.1	120,6	"
19:	40	4865	4890	16.8	31.5	14.7	120,6	"
19:	50	4929	4940	17.9	34.2	15.2	120,9	"
20:	00	4954	4972	19.1	37.3	14.6	116,7	"
20:	10	5000	5011	20.2 S	40.0 E	15.2	127,6	Brigel
20:	20	5048	5053	21.4	42.7	15.1	121,8	"
20:	30	5098	5109	22.7	45.4	14.9	122,5	"
20:	40	5125	5135	23.9	48.3	15.1	120,2	"
20:	50	5149	5159	25.1	51.1	15.3	120,7	"
21:	00	5200	5207	26.4	54.1	15.0	119,9	"
21:	10	5283	5307	27.6	56.8	15.5	119,9	"
21:	20	5276	5286	28.9	59.2	15.1	120,0	"



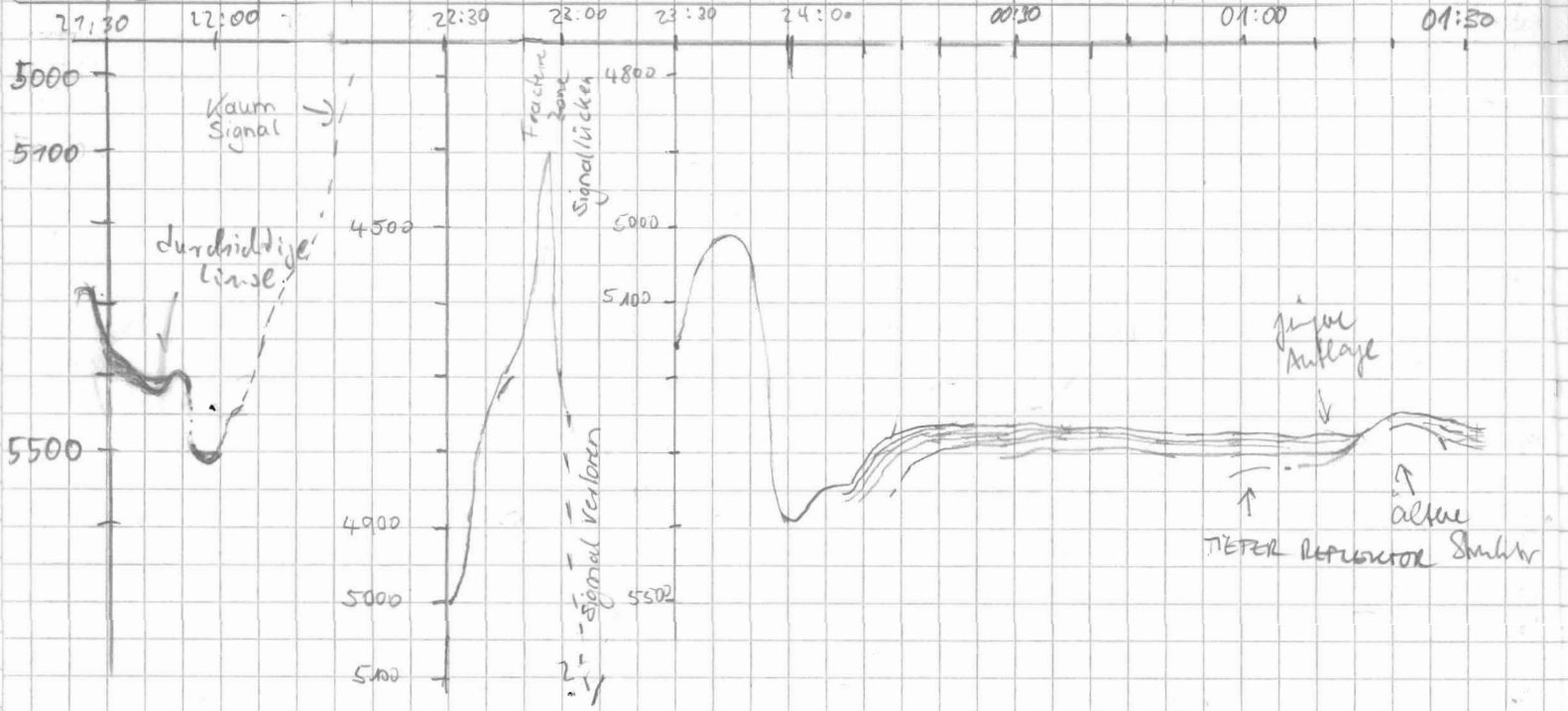
Freq	Puls	Abtast freq	Reg. dauer	wt	Red	Modus	DES0 Rolle	Bemerkungen
4.0	8							
4.0	4							
4.0	1	40	266	0	0	1	3	Eude PET
	2							Puls 2 seit 16:00
4.0	2	40	266	0	0	1	3	Range 10000
4.0	2	40	266	0	0	1	3	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	
4.0	2	40	266	0	0	1	3	
"	"	"	"	"	"	"	"	

20:50 21:00 21:30 22:00



Tiefe

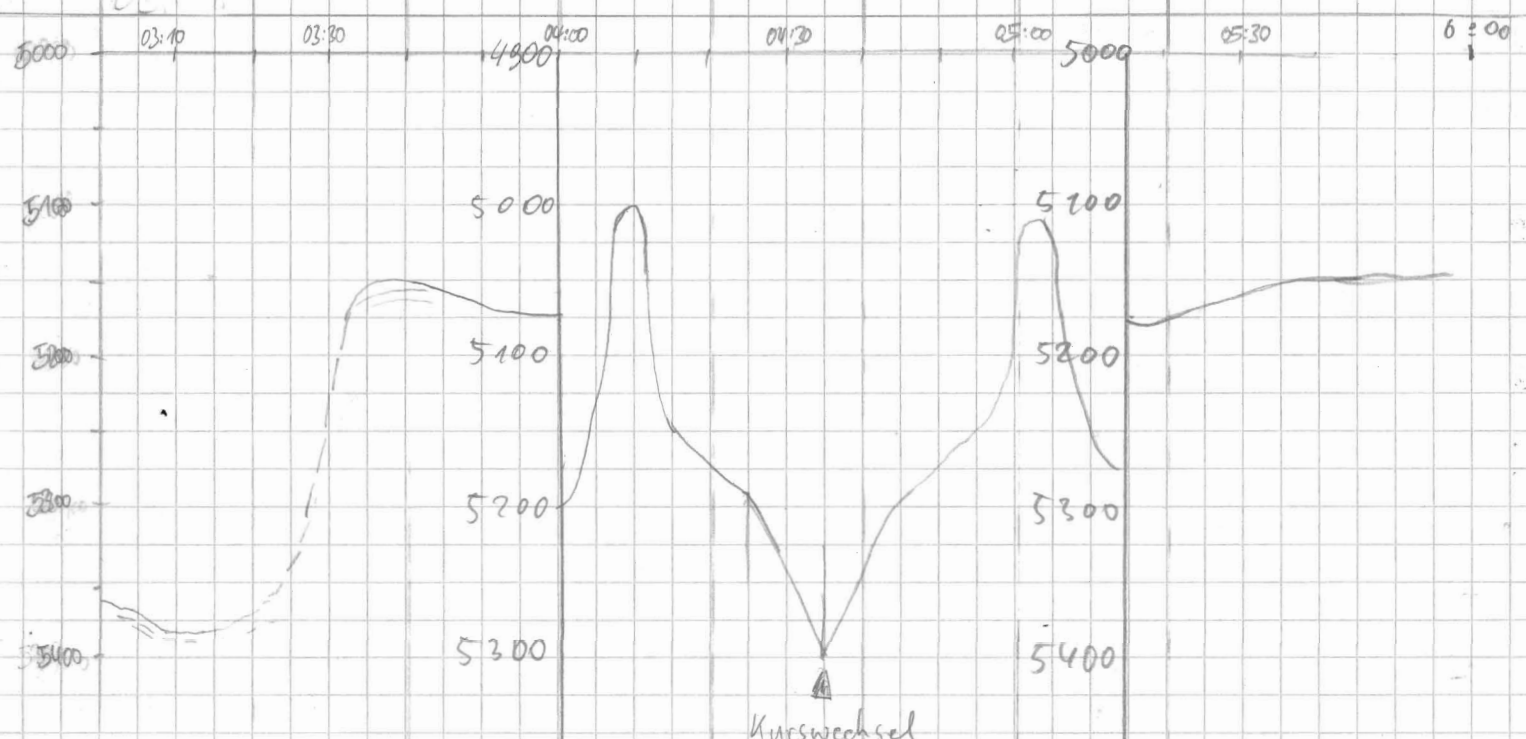
Date	Time	PS	HS	Lat.	Lon.	Speed	Course	Wdgänger
2.4.94	21:30	5325	5341	42°30,77'S	30°02,49'E	15,1	120,8	Grigel
	21:40	5407	5419	37,3	05,2	15,1	122,0	
	21:50	5412	5460	32,5	07,9	14,3	121,7	" "
	22:00	5478	5490	33,7	10,5	14,7	127,3	
	22:10	5425	5432	34,9	13,4	14,7	119,9	Jung
	22:20	5243	5208	36,1	16,2	15,1	120,5	
	22:30	4946	4971	37,3	19,0	15,1	119,2	" "
	22:40	4793	4828	38,3	21,8	14,9	120,1	
	22:50	4527	4515	39,6	24,7	15,3	119,5	" "
	23:00	4818	4886	40,7	27,6	15,1	118,9	
	23:10	4364	5586	41,95	30,6	14,9	119,0	" "
	23:20	5283	5307	43,01	33,13	15,1	118,6	
	23:30	5163	5142	44,14	35,94	14,9	119,4	" "
23:40	5038	5014	45,3	38,7	14,7	118,8		
23:50	5276	5285	46,4	41,5	15,0	118,0	" "	
3.4.	00:00	5385	5397	47,8	44,8	15,2		119,6
00:10	5346	5351	48,7 S	47,2 E	15,0	118,5	D. Jömer	
00:20	5292	5281	50,1 S	50,3 E	14,8	121,2		
00:30	5275	5272	51,2 S	52,6 E	12,5	120,2	" "	
00:40	5285	5279	52,2 S	54,9 E	12,1	122,0		
00:50	5307	-	53,2 S	57,1 E	12,0	121,7	" "	
01:00	5311	5313	54,3 S	59,8 E	12,1	121,9		
01:10	5322	5322	55,2 S	31°01,6 E	12,1	121,0	" "	
01:20	5291	5306	56,2 S	03,8 E	12,3	119,5		
01:30	5291	5319	57,2 S	06,1 E	12,2	118,4	" "	
01:40	5288	5314	58,2 S	08,5 E	12,2	118,2		
01:55	5297	5341	59,6 S	11,5 E	11,5	126,4	" "	
02:00	5277	5323	43°00,2 S	12,6 E	11,6	123,5		
02:10	5211	5389	01,3 S	14,8 E	11,4	125,0	" "	
02:20	5347	5396	02,4 S	16,8 E	11,8	125,0		
02:30	5425	5461	03,5 S	19,0 E	11,8	124,9	" "	
02:40	5408	5475	04,5 S	20,9 E	11,8	122,3		
02:50	5518	5516	05,5 S	23,0 E	11,6	122,2	" "	
03:00	5100	5177	06,5 S	25,2 E	11,6	122,7		
03:10	5274	-	07,4 S	27,2 E	11,5	119,5	" "	



DATE	TIME	FS [m]	HS [m]	LAT. [°]	LONG. [°]	SPEED [km/h]	COURSE [°]	WATCHDOG
3.4.	03:20	5375	5431	43°08'55	31°29.6'E	12.0	122.3	D. Vöcker
	03:30	5293	5385	09'4	31.5E	12.3	123.0	"
	03:40	5183	-	10.25	33.1E	12.3	122.1	"
	03:50	5174	-	11.9S	36.5E	12.2	122.0	"
	04:06	5187	5224	12.6	37.3	12.1	122.1	B. Laser
	04:10	5074	5122	13.6	40.4	12.0	118.3	
	04:20	5184	5228	14.7	42.8	12.3	121.2	
	04:30	5280	5364	15.7	45.0	12.2	121.6	
	04:40	5315	5321	15.7	44.4	9.8	302.7	
	04:50	5228	5230	14.8	42.6	9.2	305.3	
	05:00	5103	-	13.9	40.7	9.6	307.5	
	05:10	5185	5218	12.9	38.9	9.9	308.2	
	05:20	5180	5227	12.5	36.9	10.3	306.7	
	05:30	5165	5184	11.7	35.1	3.3	300.1	
	05:40	5162	5208	10.9	34.7	2.3	1.1	
	05:50	5157	5192	10.8	34.5	0.6	340.1	
	06:00	5157	5217	10.8	34.4	0.8	304.1	B. Laser

4.4. 02:47 5150 5188 43°11.7 31°35 4.9 15.1 D. Vöcker

03:00	5124	5204	43°11.00	31°35.2	1.3	79.6	"
03:04							"
03:06							"
03:08	5120						"
03:10	5121	5214	10.9	35.4	1.4	62.0	"
03:12							"
03:14	5106	5212	10.9	35.5	1.1	60.2	"
03:16	5109	5220	10.9	35.5	1.4	68.0	"

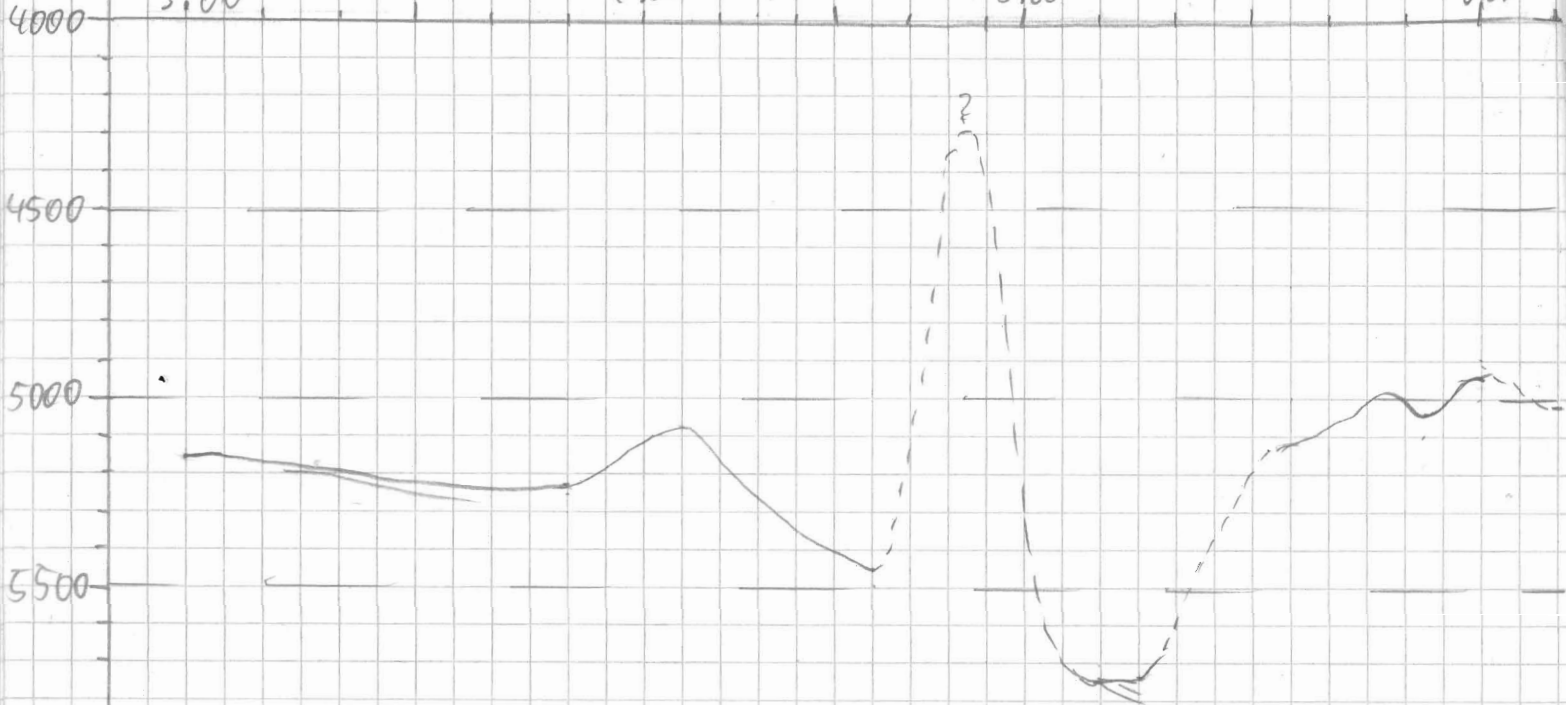


FREQ	PULS	ABTAST FREQ	DAUER	WT	RED.	MODE	DESOR-ROLLE	KOMMENTARE
4	2	40	266	0	0	1	3	
"	"	"	"	"	"	"	"	
"	"	"	"	"	"	"	"	BANDWECHSEL TAPE #14 zu #15
"	"	"	"	"	"	"	"	UM 03:45
"	"	"	"	"	"	"	"	
Wende, zurück z. Station (5)								
5.5	4							
5.5	4	40	266	60.0	0	1	3	6:02 Stationsbeginn
5.5	4	40	266	0	0		4	! Wecker ist aus!
! Papier-Speed auf 1:100.000!								
AB HIER REGISTRIERUNG MIT PARASTORE, PAPIERSPEED AUF 1:20.000								
FREQUENZTEST								
4	1							
5.5	1							
5.0	1							
4.5	1							
4.0	1							
3.5	1							
3.0	1							
2.5	1							
Extrem starke Rauschen								

4.4. 03:00

03:30

DATE	TIME	FS	HS	LAT [°]	LONG [°]	SPEED [km]	KURS [°]	WACHGÄNGER
4.4	03:18	5104	5216	43°10.9 S	310°35.6 E	1.2	64.8	D. Völcker
	03:20							
	03:22	5111	5222	10.95	35.7	1.2	91.0	"
	03:24							
	03:26	5175	5232	10.9	35.7	1.0	69.5	
	03:28							
	03:30	5190	5226	10.8	35.9	0.8	64.2	
	03:32							
	03:33	-		10.8	35.9	0.8	48.5	
	03:34							
	03:35	5192	5243	10.8	35.9	0.8	48.1	
	03:36							
	03:37							
	03:38							
	03:39	5200	5237	10.8	36.1	1.5	47.7	"
	03:41							
	03:50	5230	5265	10.9	37.0	12.7	121.0	"
	04:00		5273					B. Laser
	04:10		5154	13.7	42.0	14.6	122.4	
	04:20	5236	5281	15.1	44.7	14.5	227.9	
	04:30		5446	16.6	47.5	15.0	125.8	
	04:40		5342	17.8	50.3	15.2	120.1	
	04:50	4275	4300	18.9	53.1	15.1	127.7	
	05:00		5763	20.2	56.1	15.0	123.8	
	05:10	5762	5745	21.5	58.9	15.0	123.1	
	05:20	-	5597	22.7	32°01.7 E	15.4	120.8	
	05:30	-	5223	24.1	04.7	15.4	122.0	
	05:40	5105	5086	25.2	7.5	15.3	121.3	
	05:50	-	5036	26.4	10.3	15.4	121.9	
	06:00	4479	4970	28.0	14.0	15.2	120.7	
	06:10	-	5010	29.5	17.3	15.1	121.7	
	06:20	4841	-	30.2	18.8	15.1	121.6	
	06:30	-	4663	31.4	21.6	14.9	120.5	
	06:40	-	4407	32.6	24.4	15.1	120.8	
	06:50	-	4264	34.4	28.3	15.0	118.2	B. Laser
4000	3:00			4:00		5:00		6:00



FREQ	PULS	ABTAST -FREQ	Dauer [ms]	WT [s]	RED [%]	DESO ROLLE
2.5	4	40	266	0	0	4
3.0	4	"	"	"	"	"
3.5	4	"	"	"	"	"
4	4	"	"	"	"	"
4.5	4	"	"	"	"	"
5	4	"	"	"	"	"
5.5	4	"	"	"	"	"
5.5	8	"	"	"	"	"
5.0	8	"	"	"	"	"
4.5	8	"	"	"	"	"
4.0	8	"	"	"	"	"
3.5	8	"	"	"	"	"
3.0	8	"	"	"	"	"
2.5	8	"	"	"	"	"
4	4	"	"	"	"	"
4	1	"	"	"	"	"
"	"	"	"	"	"	"
4	2					
	4					
	2					
4	2	40	266	0	0	4

FILEOULVERTEST



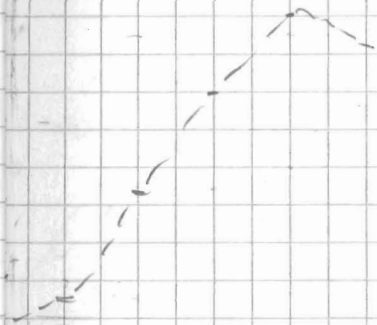
Ende des F.-Tests
 Ablauf vor der Station
 Wenden abgeschlossen
 4:05 Rücksetzen DESO
 wg 'keine Tiefsenweitgabe'
 Rauschen; kaum Echo
 5:05 P. auf 4; keine A.
 Rauschen, wildes Gelände
 schnelle Fahrt, selten mal
 Echos.
 Bandwechsel Ende Band 17 6:10

7:00

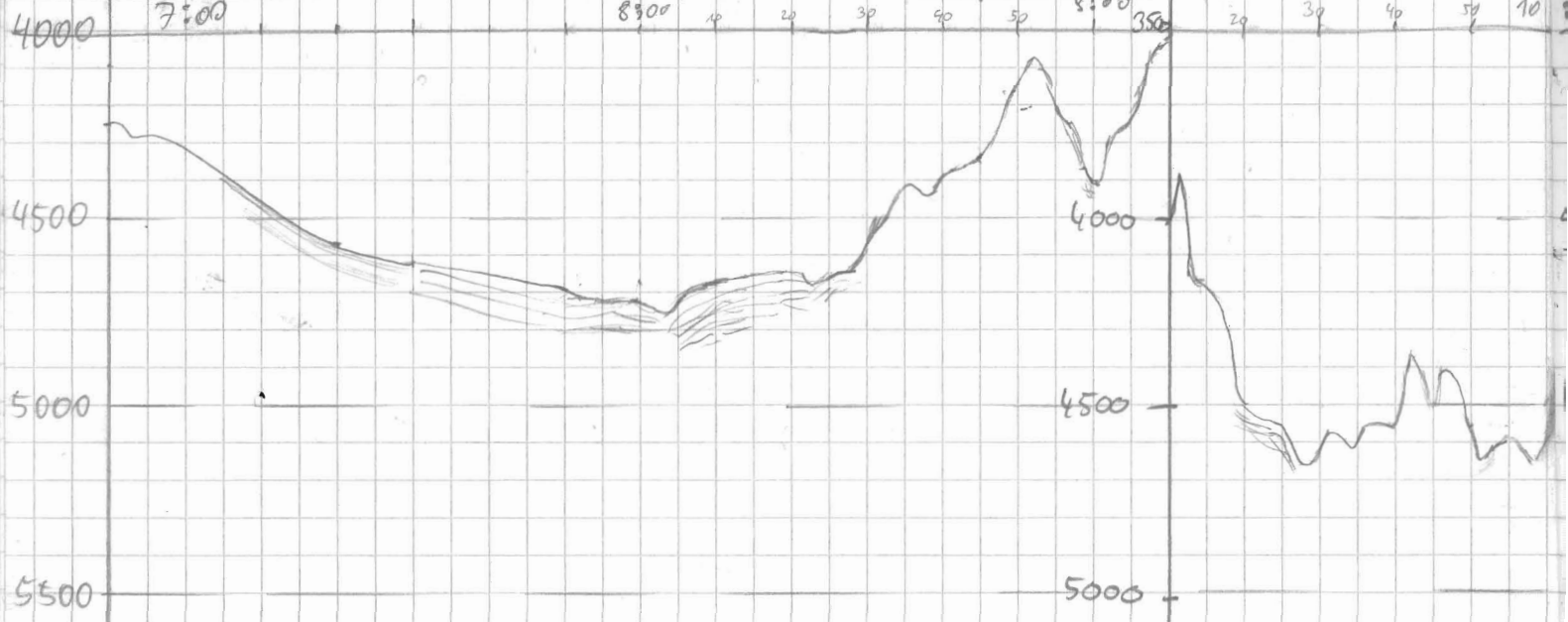
8:00

9:00

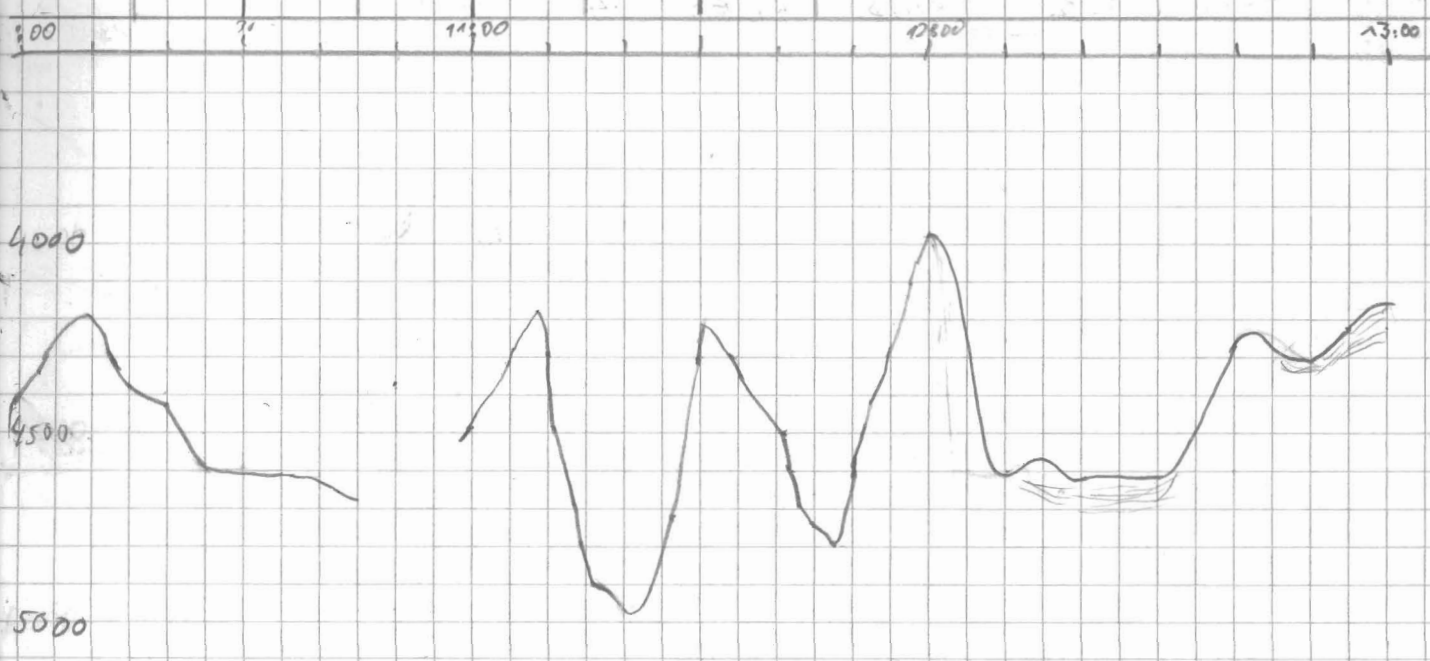
9:30



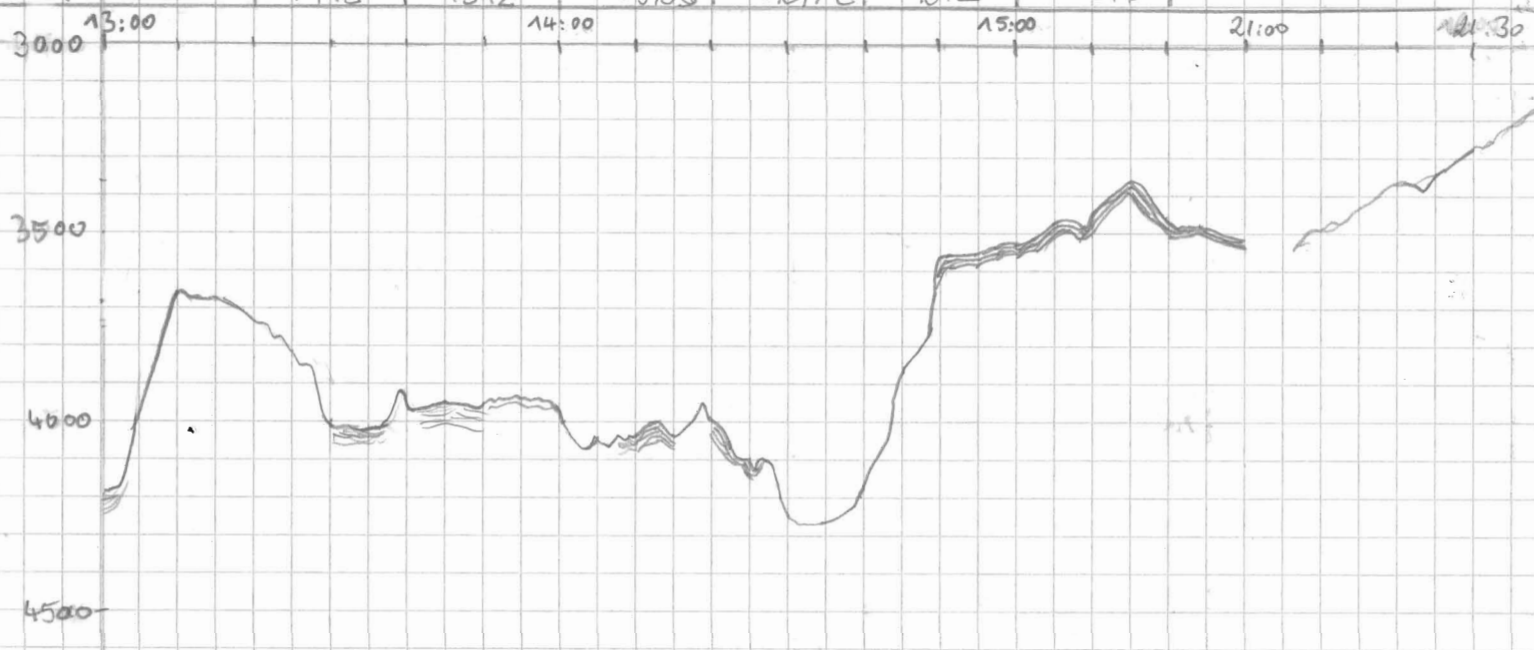
Date	Time	PS	Tiefe HS	Lat	Lon	Speed	Kurs	Wachgänger	PS
4.4	7:00	4584	4570	43°35,0 S	32°30,1 E	15,1	118,3	B. Laser	
	7:10	4334	4338	36,1	32,8	15,2	119,6	"	
	7:20	4534	40820	37,1	35,1	15,1	119,9	"	
	7:30	4658	4-	38,7	38,6	14,8	122,0	"	
	7:40	-	4963	39,9	41,5	15,1	120,1	"	
	7:50	-	4991	41,1	44,2	14,8	121,0	"	
	8:00	-	5009	43°42,4	32°47,2	14,8	120,8	H. SCHOTTMÜLLER	
	8:10	-	4979	43,6	50,0	14,8	121,7	"	
	8:20	-	4947	44,8	52,8	14,9	120,8	"	
	8:30	4769	4791	46,1	55,9	15,0	121,9	"	
	8:40	-	4431	47,4	58,8	15,3	120,9	"	
	8:50	-	4172	48,4	33°01,3	15,0	120,7	"	
	9:00	4468	4406	49,7	04,0	15,1	121,1	"	
	9:10	-	3912	51,0	07,1	15,0	118,7	"	
	9:20	-	4476	52,2	10,0	15,0	117,7	"	
	9:30	4497	4653	53,3	12,7	15,3	118,2	"	
	9:40	4464	4532	54,5	15,8	15,5	118,3	"	
	9:50	4461	4559	55,8	18,7	15,6	119,0	"	
	10:00	-	4580	56,7	21,6	15,3	118,3	"	
	10:10	4497	4313	57,8	24,5	15,2	118	U. Brathauer	
	10:20	4529	4405	59,1	27,3	15,2	123,1	"	
	10:30	4467	4608	44°00,4	30,2	14,9	121,7	"	
	10:40	4468	4628	01,9	33	15,3	122,9	"	
	11:00	-	4545	44°04,4	38,7	15,7	122,8	"	
	11:10	-	4389	05,8	41,5	15,8	120,8	"	
	11:20	4967	4970	06,8	44,2	15,6	119,8	"	
	11:30	-	4190	08,0	47,3	15,3	120,9	"	
	11:40	-	4362	09,1	50,0	15,1	120,3	"	
	11:50	-	4693	10,2	52,9	15,3	118,3	"	
	12:00	-	3934	11,4	55,6	15,5	121,7	"	
	12:10	4600	4607	12,6	58,5	15,0	120,4	U. Kridels	
	12:20	-	4602	13,8	34°01,3	15,1	122,7	"	
	12:30	-	4625	15,1	04,1	15,5	121,7	"	
	12:40	-	4282	16,4	06,9	15,3	121,1	"	
	12:50	4309	4321	17,6	09,7	15,3	121,5	"	



PS		Reg.			Data		Bemerkungen
PS-Frequ	Puls	Abtast Frequ	Rego Dauer	WT	Reduct.	Desp Rolle#	
4	2	40	266	0	0	4	Sieben UHR ca. 50m Eindv., 2 Refl.-Bänder ausgeprägt
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	
4	2	40	266	0	0	4	



Date	Time	PS	HS	Lat	Lon	Speed	Kms	Wadgänger
4.4.	13:00	-	4203	18,8	34° 12,4	15,2	120,6	W. Michels
	13:10	-	3660	20,1	15,2	15,2	121,5	"
	13:20	-	3819	21,3	18,1	15,2	120,8	"
	13:30	4007	4007	22,5	21,0	14,8	121,3	"
	13:40	-	3932	23,6	23,7	15,1	120,2	"
	13:50	-	3930	24,8	26,7	14,9	119,4	"
	14:00	4049	4034	25,9	29,6	15,7	120,4	F. T. Haas
	14:10	4073	4065	27,1	32,5	15,0	120,5	"
	14:20	4035	4078	28,3	35,5	15,0	120,2	"
	14:30	3674	4243	29,5	38,5	15,1	121,5	"
	14:40	4109	4139	30,8	41,1	14,9	120,9	"
	14:50	3581	3559	32,3	44,3	14,5	121,3	"
	15:00	3563	3523	33,4	46,6	15,1	120,1	"
	15:10	3507	3454	34,6	49,7	15,4	120,5	"
	15:20	3502	3490	34,5	49,0	11,9	312,1	"
	15:30	3526	3510	33,5	47,8	6,3	289,0	"
	21:05							
	21:12	3540	3505	44° 35,0 S	34° 48,8 E	8,1	151	U. Spieß
	21:20	3361	3353	35,9 S	49,5 E	9,0	153	
	21:30	3308	3300	37,4 S	50,7 E	12,7	150	
	21:40	3158	3178	39,4 S	52,3 E	12,6	147	
	21:50	2962	2932	41,2 S	54,0 E	13,3	147	
	22:00	2793	2767	42,9 S	55,7 E	12,9	145	
	22:10	2700	2583	44,7 S	57,4 E	12,7	147	A. Borgardt
	22:20	2812	2781	44,5 S	59,1 E	14,2	147,4	"
	22:30	2754	2736	48,1 S	35° 00, E	13,7	146,9	"
	22:40	2358	2336	49,9 S	02,3 E	13,7	143,7	"
	22:50	1551	1575	51,6 S	04,0 E	13,4	144,9	"
	23:00		1911	53,3 S	05,7 E	13,6	144,9	"
	23:10		2470	54,9 S	07,3 E	13,1	145,8	"
	23:20	2976	2951	56,6 S	08,7 E	13,5	145,4	"
	23:30		3431	58,8 S	10,7 E	13,1	147,5	"
	23:40	4642	4582	45° 00,1 S	12,1 E	13,2	147,2	"
	23:50	4697	4638	01,8 S	13,7 E	13,2	146,3	"
5.4	24:00	4415	4342	03,9 S	15,7 E	13,2	146,6	"



PS-Frequ.	Puls	Abtast Freq.	Reg-Dauer	WT	Data Rednet	Deso-Rolle
4.0	2.0	40.0	266	0	0	4
4.0	2.0	40	266	0	0	4
4.0	2.0	40	266	0	0	4

44° 33' 6" 34° 47' 24" E 15⁰⁰
 15¹⁵ Schiff dreht

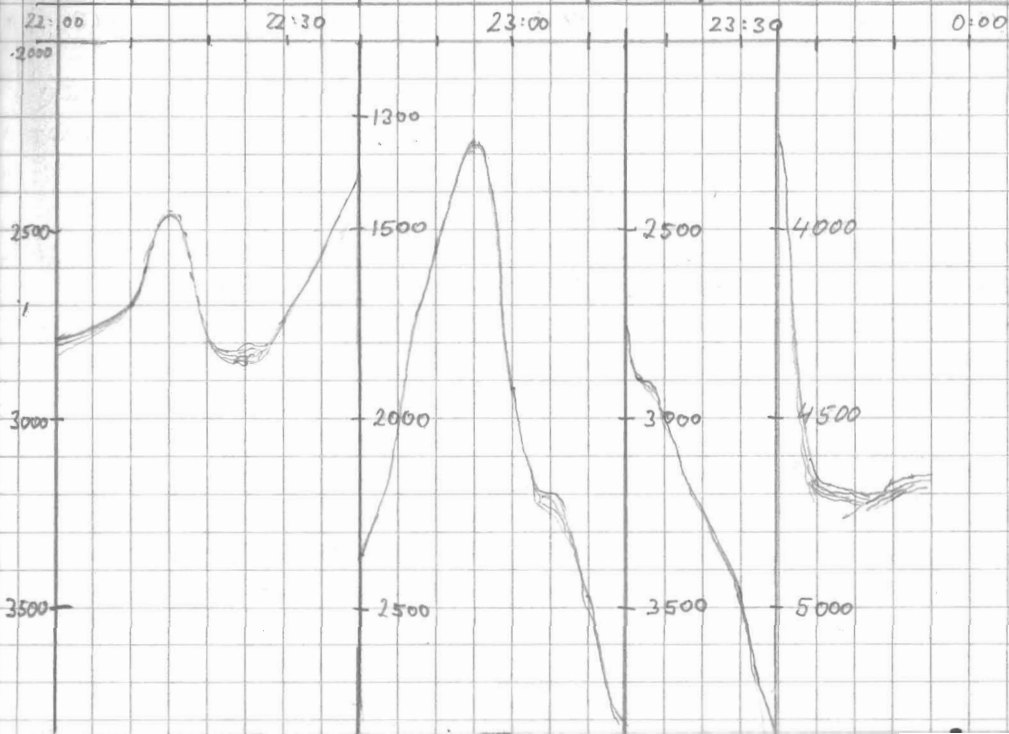
Stationsende

Beim Zuschalten des ^{3.} Diesels
 nimmt Rauschen ab 21:20

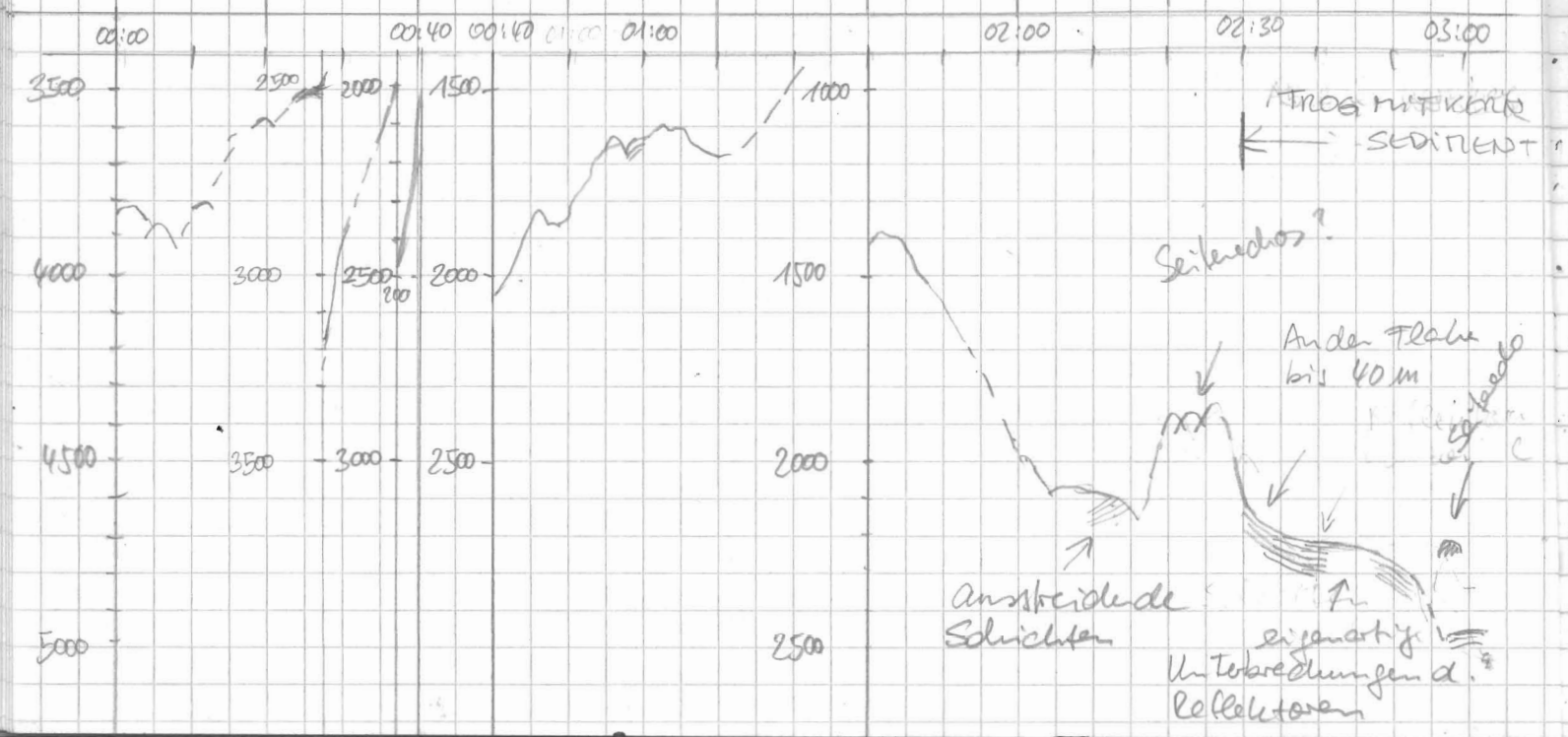
Steiler Anstieg im Intervall auf
 2450 m WT.

Steiler Anstieg auf 1361 WT nach
 H.S.

2 Streifenaufzeichnungen mit
 Maximalamplituden



DATE CUCT	TIME (CUCT)	PS [m]	MS [m]	LAT [°]	LONG [°]	SPEED [km]	KURS [°]	WACHGANGSBER.
5.4	00:10	-	3854	45°05.65	35°17.3 E	11.5	146.3	J. VÖLCKER
	00:20	3677	3757	07.2	18.7 E	12.6	144.0	"
	00:30	2951	2930	08.9	20.3	12.0	148.0	"
	00:40	-	1964	10.5	21.7	11.7	147.5	"
	00:50	-	1815	12.1	23.1	11.8	148.6	"
	01:00	-	1658	13.1	24.6			
	01:08	-						
	↑							
	↓							
	01:36	-	1440	20.3	31.2	10.3	144.3	
	01:50	-	1539	20.6	61.4	10.4	146.8	
	02:00	-	1766	22.1	33.0	10.1	145.7	
	02:10	-	2061	23.5	34.2	10.4	146.4	
	02:20	-	2027	25.1	35.8	10.7	145.3	"
	02:30	2450	2419	26.7	37.2	10.8	146.6	"
	02:40	2564	2519	27.8	38.2	10.7	145.5	"
	02:50	2542	2569	30.1	40.5	10.5	142.9	"
	03:00	2641	2607	30.6	41.1	10.7	144.0	"
	03:10	2671	2657	32.2	42.7	10.7	146.5	"
	03:20	2591	2566	33.4	43.8	11.0	147.7	"
	03:30	2651	2621	35.0	45.2	11.0	147.2	"
	03:40	2714	2684	36.6	46.7	11.1	147.2	"
	03:50	2855	2834	38.0	48.0	11.1	149.3	"
	04:00	2925	2890	39.3	49.5	10.8	144.1	B. Caser
	04:10	2699	2634	41.0	50.1	9.8	171.	
	04:20	2664	2734	42.4	50.4	9.9	176.	
	04:30	2791	2769	44.0	50.6	10.5	175.	
	04:40	2901	2868	45.7	50.8	10.2	175.	
	04:50	2892	2870	46.9	50.9	9.2	178.	
	05:00		2697	48.4	51.1	9.6	175.	
	05:10	2558	2542	49.9	51.3	10.0	174.	
	05:20	2731	2728	51.5	51.5	9.6	174.	
	05:30		2734	53.0	51.8	9.6	176.	
	05:40		2832	54.8	51.9	9.4	175.	
	05:50		3080	56.1	52.0	11.0	178.	



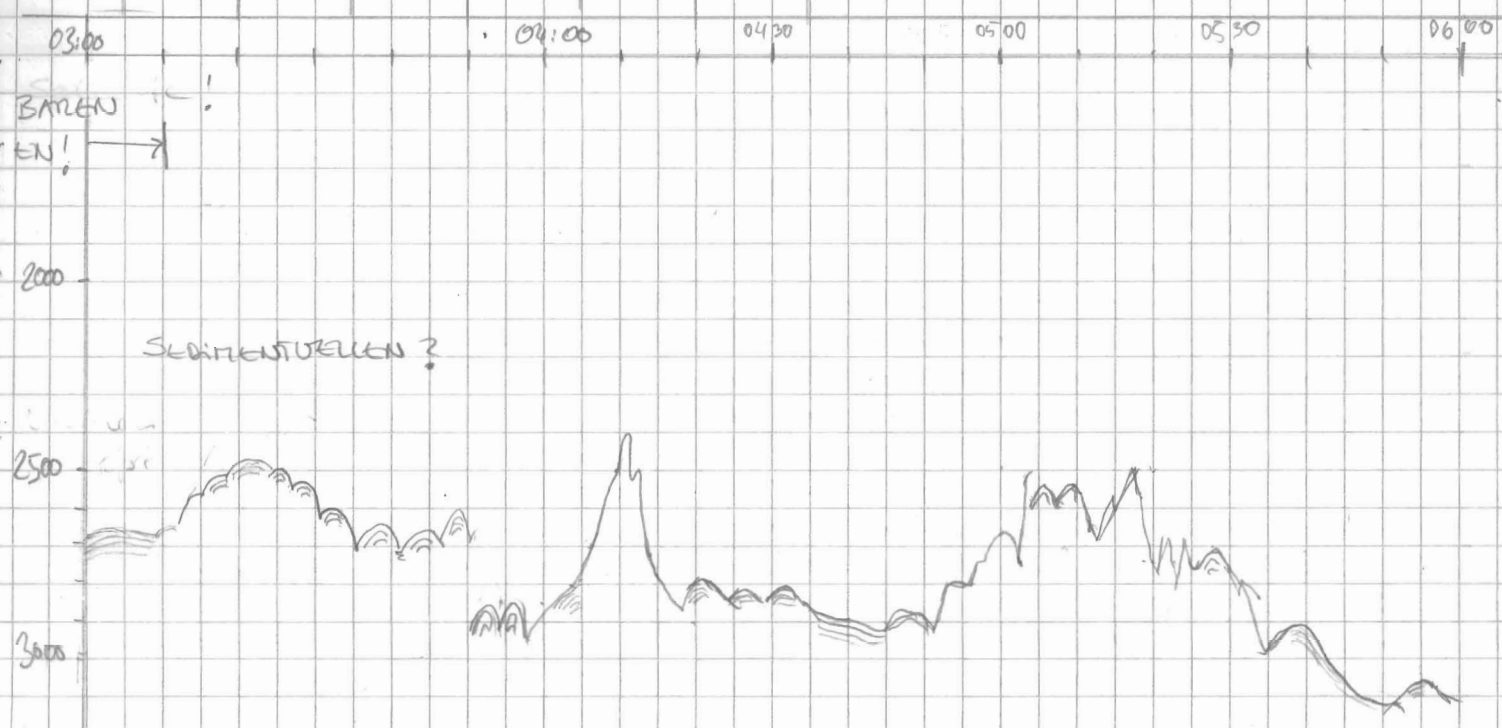
PS-Fr.	Puls-Länge	Abtast-Treffwert	Ref-Dauer	Wert [s]	Datend-T%	DES0-ROLLE	
[kHz]	[ms]	[kHz]	[ms]	[s]	[%]		
4	2	40	266	0	0	4	00:05 BANDWECHSEL # 21 zu 22
"	"	"	"	"	"	"	Splut einen Hal. Nötig hier auf
"	"	"	"	"	"	"	kann ein vernünftiges Bohrloch
"	"	"	"	"	"	"	extrem steiler Hang:
"	"	"	"	"	"	"	1300m in 13m bis 12m
							≙ 1300 auf 3 Seiwere
							≙ 1.3km auf ~ 5km
							≙ Gradient von ~ 1:
							00:50 PS-Trieffenmessung hängt fest!
"	"	"	"	"	"	"	01:08 - 01:36 Trouble 24 der
"	"	"	"	"	"	"	Personna-Anlage: Trieffenfenster
"	"	"	"	"	"	"	läuft mal in bis 100m
"	"	"	"	"	"	"	bzw. 1000m tief einstellen *
"	"	"	"	"	"	"	ab 1:36 PS-Trieffen sehr
"	"	"	"	"	"	"	unregelmäßig
"	"	"	"	"	"	"	ab 2:20 wieder regelmäßig PS-Trieffen
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	

00:05 BANDWECHSEL # 21 zu 22
 Splut einen Hal. Nötig hier auf
 kann ein vernünftiges Bohrloch
 extrem steiler Hang:
 1300m in 13m bis 12m
 ≙ 1300 auf 3 Seiwere
 ≙ 1.3km auf ~ 5km
 ≙ Gradient von ~ 1:
 00:50 PS-Trieffenmessung hängt fest!
 01:08 - 01:36 Trouble 24 der
 Personna-Anlage: Trieffenfenster
 läuft mal in bis 100m
 bzw. 1000m tief einstellen *
 ab 1:36 PS-Trieffen sehr
 unregelmäßig
 ab 2:20 wieder regelmäßig PS-Trieffen

 04:30 Bandwechsel, #22 =
 5.5 0:05 - 04:30

* Fehlermeldung der DES0-Anlage
 "E064" behoben durch
 komplettes Ausdrehen der
 Anlage, jedoch noch fast 40min
 bis wieder regelmäßige PS-Trieffen
 "erfassen" werden können.

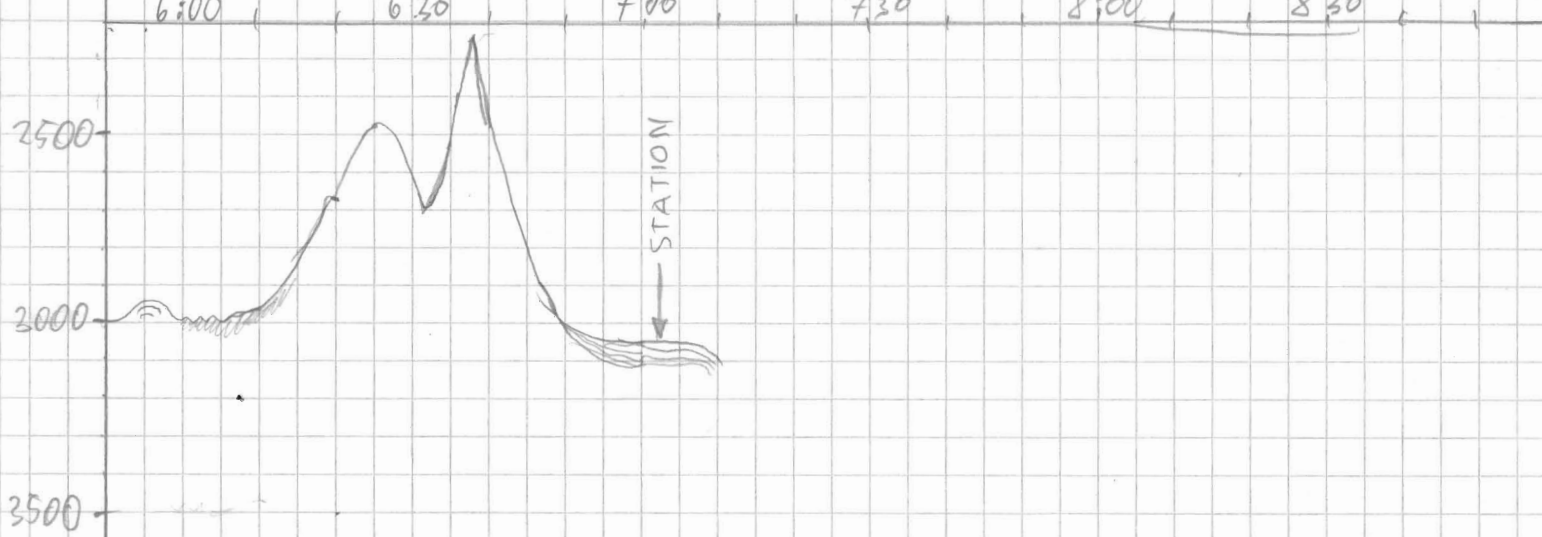
04:35 '17h47m52' im breiten
 schwarzem Balken im Headlog



Date UTC	Time UTC	Depth		Lat [°N]	Lon [°W]	Speed [km]	Murs [°]	Wachgänger
		PS [m]	HS [m]					
5.4.	06:00	3102	3064	45°57.8	35°52.4	11.2	172.9	B. Lasser
	06:10	3084	3063	58.6	52.7	10.2	176.4	
	06:20	2810	2724	46°01.4	53.1	11.5	174.3	
	06:30	2573	2590	03.1	53.4	10.8	170.3	
	06:40		2283	4.8	53.6	11.0	172.3	
	06:50		2954	6.6	53.8	11.1	177.2	
	07:00	3059	3035	8.3	53.9	10.6	177.7	
	07:10	3082	3066	9.7	54.0	5.7	243.7	
	07:20	3063	3037	8.6	54.1	6.5	358	
	07:30	3060	3033	8.4	53.8	0.5	257	

15:44	3063	3036	46°08.62 S	35°54.11 E	-	-	
46							
48							
50							
52							
54							
56							
58							
16:00							
02	3069	3042	46°08.71 S	35°54.84 E	-	-	
04							
06							
08							
10							
12							
13							
14							
15							
16							
17							
18							
20	3080	3054	46°08.83 S	35°55.44 E	-	-	
22							

16:30	3086	3068	46°09.85 S	35°55.66 E	13.7	179.6	U. Frey
16:40	3089	3061	46°11.08 S	35°55.75 E	13.9	176.1	
6:00		6:30	7:00	7:30	8:00	8:30	



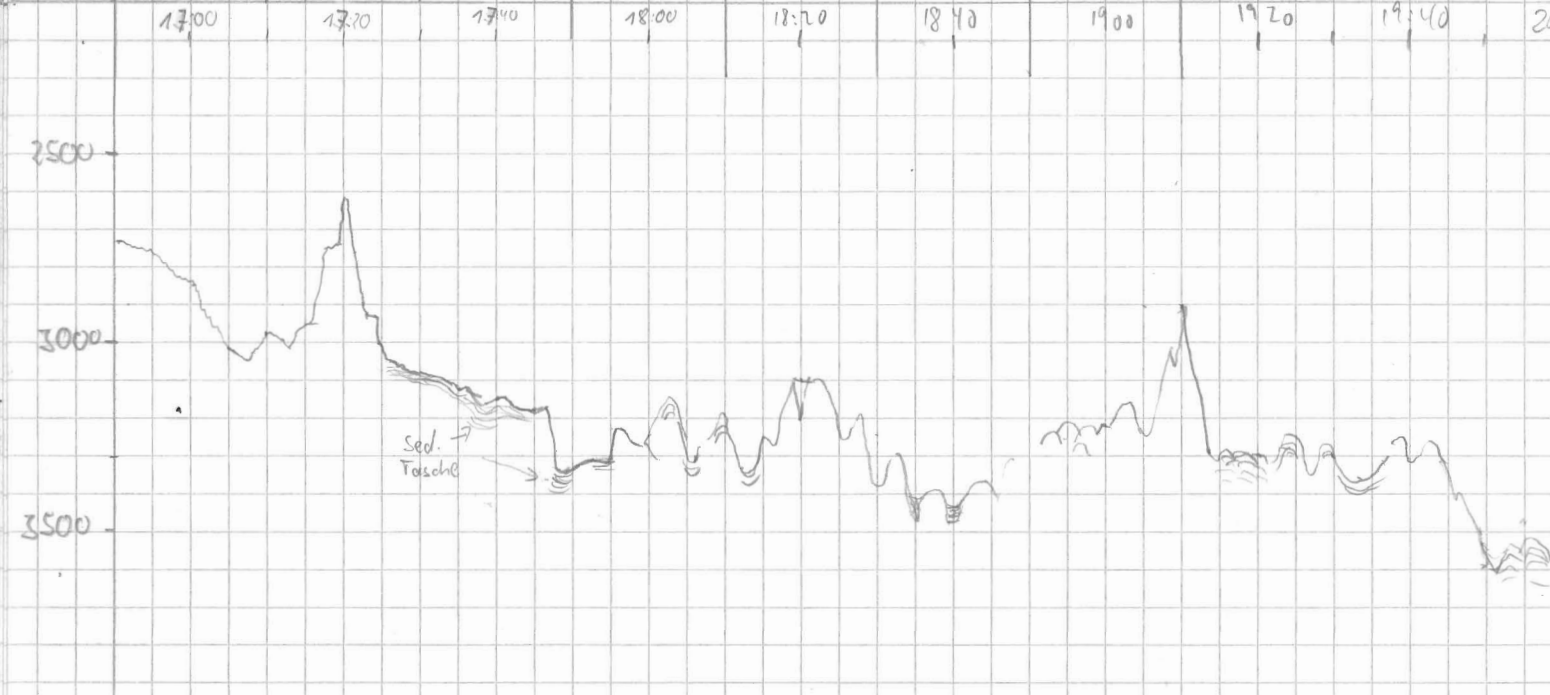
Parasound f [kHz]	Pulse	Reg. f [kHz]	Dura Reg. [ms]	digma wait Time [s]	Data Real [%]	DESO Palle #
4	2	40	266	0	0	4
5.5	4	40	266	30	0	4
5.5	1	40	266	0	0	4
5.0			133			
4.5						
4.0						
3.5						
3.0						
2.5						
2.5	4					
3.0	4					
3.5	4					
4.0	4					
4.5	4					
5.0	4					
5.5	4					
5.5	8					
5.0						
4.5						
4.0						
3.5						
3.0	8					
4.0	4					
4.0	2		366			
-11-	-11-					
-11-	-11-					

Station festgelegt an 7302 Position
 46° 08,6 S 35° 54,0 E, verwendet
 Strahlruder
 Station: Wedkristous!

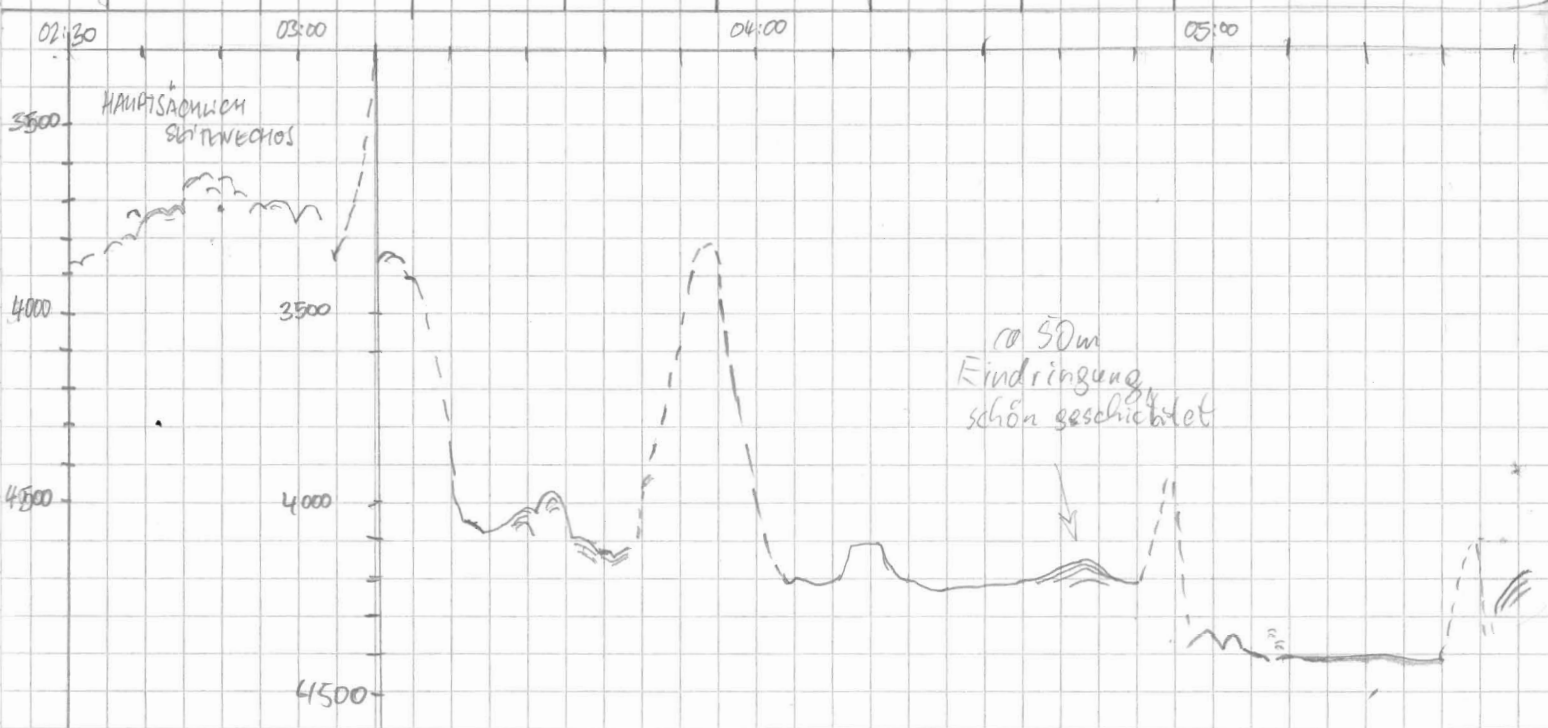
Umschaltung auf 100m

Ende RTT

Date UTC	Time UTC	PS [m]	US [m]	Lat [° N]	Lon [° E]	Speed [kn]	Kurs [°]	Wachgänger	
05.04	16:50	2725	2840	46°14.3'S	35°55.25'E	14.1	178.6	U. Frey	
	17:00	2948	2919	46°16.4'S	35°55.9'E	13.6	180.9		
	17:10	2984	2957	46°18.7'S	35°56.0'E	14.0	176.3		
	17:20	2608	2708	46°20.3'S	35°56.2'E	13.6	177.5		
	17:30	3082	3058	46°22.7'S	35°56.3'E	14.2	178.7		
	17:40	-	3117	46°25.2'S	35°56.4'E	13.3	177.7		
	17:50	3340	3326	46°27.2'S	35°56.7'E	14.7	174.2		
	18:00	3176	3175	29.9 S	57.1 E	15.1	174		F. Niemen
	18:10	3350	3330	32.1 S	57.5 E	15.2	176		
	18:20	3290	3234	34.4 S	57.8 E	14.2	176		
	18:30	3352	3351	37.0 S	58.1 E	14.8	177		
	18:40	3468	3467	39.2 S	58.5 E	14.1	176		
	18:50	3284	3306	41.6 S	58.8 E	14.9	174		
	19:00	3198	3207	44.0 S	59.2 E	14.7	176		
	19:10	3300	2933	46.2 S	59.5 E	14.3	177		
	19:30	3442	3440	50.4 S	36 00.4 E	15.1	170		
	19:40	3350	3358	53.2 S	03.3 E	15.2	176		
	19:50	3586	3590	54.6 S	04.7 E	15.4	176		
	20:00	0	3602	56.5 S	06.3 E	15.4	174		
	20:10	0	3625	58.7 S	09.4 E	15.4	178		
	23:50	3777	3750	47°0.0 S	36°13.3 E	6.1	153	b. Spatz	
06.04	00:00	3697	3713	47°01.4 S	36°14.2 E	11.3	148	David Völler	
	00:10	-	3923	03.1 S	15.6 E	14.3	150		
	00:20	3959	3985	05.2 S	17.4 E	13.8	149		
	00:30	3995	3967	07.2 S	19.0 E	14.8	151		
	00:40	3973	3939	09.3 S	20.8 E	14.8	149		
	00:50	3987	3956	11.4 S	22.5 E	14.8	149		
	01:00	3987	3946	13.3 S	24.5 E	15.2	145		
	01:10	3983	3972	14.1 S	26.0 E	15.2	146		
	01:30	3985	3979	14.9 S	28.3 E	14.9	145		
	01:40	3964	3947	21.1 S	32.6 E	15.4	145		
	01:50	3973	3938	23.4 S	34.8 E	15.1	145		
	02:00	4014	3964	24.9 S	36.4 E	15.3	143		
	02:10	3956	3910	26.9 S	38.5 E	14.9	144		
	02:20	3986	3964	29.0 S	40.8 E	15.1	144		



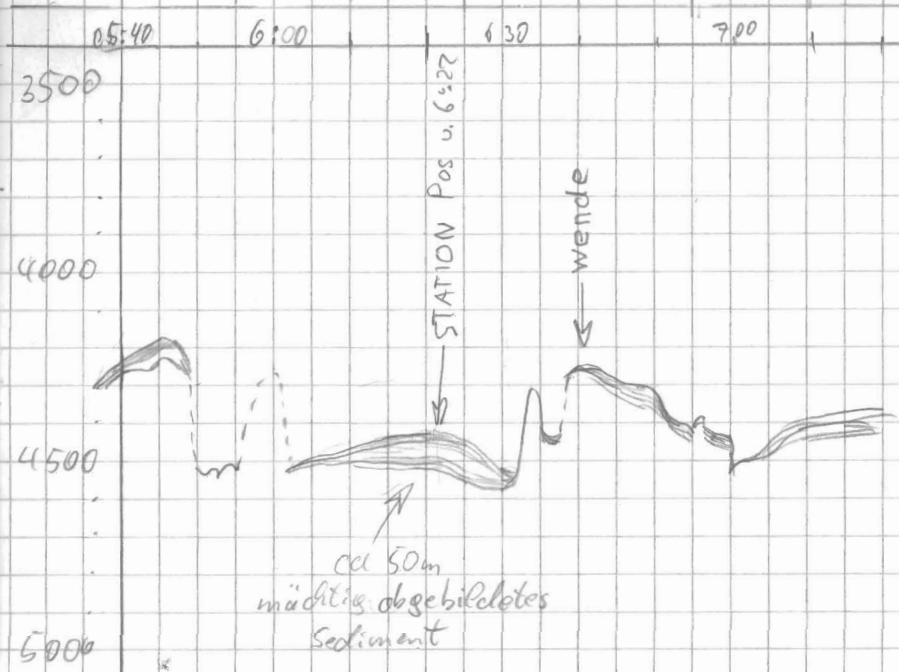
DATE (UTC)	TIME (UTC)	PS [m]	HS [m]	LAT [°]	LONG. [°]	SPEED [kts]	COURSE [°]	WATCHDOG
6.4.	02:30	-	3888	47°30.8S	36°48.7E	15.0	145	D. Jöcker
	02:40	3737	3702	38.0S	44.9E	15.1	146	"
	02:50	-	3674	34.8S	46.5E	14.5	147	"
	03:00	3778	3743	36.4S	48.5E	14.7	143	"
	03:10	3370	3361	38.5S	50.6E	14.6	142	"
	03:20	4021	3950	40.4S	52.9E	14.3	144	"
	03:30	4041	4003	42.3S	54.7E	14.2	144	"
	03:40	4178	4119	44.2S	56.7E	14.4	145	"
	03:50	-	3698	46.2S	58.7E	14.5	143	"
	04:00	-	4029	48.3S	37°04.0E	13.9	146	B. Lase ✓
	04:10	4121	4148	49.5	3.7	14.3	145	
	04:20	4210	4147	51.2	6.0	14.3	153	
	04:30	4222	4165	53.2	7.8	14.2	153	
	04:40	4490	4137	55.2	8.6	14.6	151	
	04:50	-	4153	57.2	11.4	14.5	152	
	05:00	4373	4330	59.2	13.3	14.5	148	
	05:10	4382	4357	48°01.2S	15.2	14.5	147	
	05:20	4428	4368	3.3	17.2	14.5	147	
	05:30	4441	4379	5.1	18.9	14.4	149	
	05:40	-	4174	7.1	20.3	14.4	143	
	05:50	4239	4184	8.9	22.9	14.6	140	
	06:00	-	4288	10.4	24.3	14.5	143	
	06:10	-	4032	13.1	27.3	14.3	142	
	06:20	4468	4416	14.7	29.0	14.5	139	
	06:30	4506	4457	16.6	31.1	14.3	143	
	06:40	-	4221	18.5	33.1	14.7	142	
	06:50	4307	4262	19.3	32.7	14.6	334	
	07:00	4421	4381	17.4	31.2	13.0	335	
	07:10	-	4421	15.6	29.8	8.5	350	
	07:20	4085	4422	15.0	23.5	1.4	312	B. Lase ✓



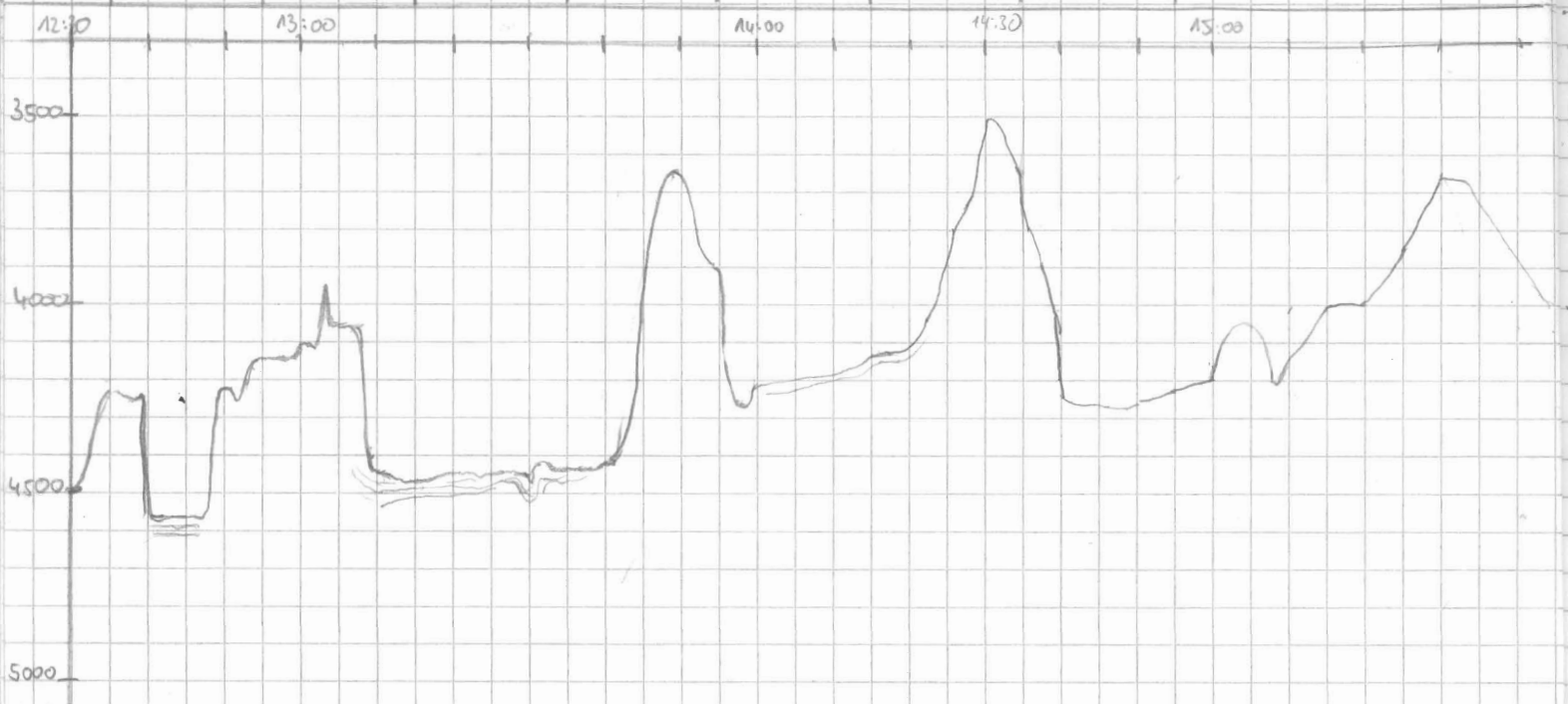
f	PULSE	RES. FR.	LENGTH	WÄRTIME	DATARED.	DESO	
[kHz]		[kHz]	[ms]	[s]	[%	-ROLLE	
4	2	40	266	0	0	5	LAUF HYDROSEKOP WECHSELT DIE TOPOGRAPHIE VON
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	03:00 BANDWECHSEL #25 → #26
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	

Geringe Eindringung, verschommen.

5.5 4 Wenden z. Station bei Pos. 6:22
 Bugstrahlruder
 5.5 4 40 266 30 0 5 Station



Date	Time	PS	HS	Lat	Lon	Speed	Course	Watchdog
6/14/94	12:30	4499	4450	48° 14,9	37° 23,7	13,9	317,3	H. Schottmüller
	12:40	4537	4511	13,2	21,3	14,5	318,1	"
	12:50	4212	4204	11,6	19,0	14,4	318,9	"
	13:00	4095	4088	9,8	16,8	14,5	317,6	"
	13:10	4432	4385	8,0	14,5	14,5	319,2	"
	13:20	4463	4437	6,2	12,2	14,5	315,3	"
	13:30	4447	4425	4,6	10,0	13,4	316,3	"
	13:40	-	4397	3,0	7,7	14,1	313,8	"
	13:50	3660	3645	1,4	5,4	13,6	311,0	"
	14:00	4274	4267	47° 59,87	37° 02,59	14,0	307,9	V. Braunauer
	14:10	4234	4227	58,35	00,1	14,8	311,8	"
	14:20	4158	4142	56,84	57,76	14,2	311,7	"
	14:30	0	3609	55,34	36° 55,28	13,7	311,8	"
	14:40	0	4141	54,04	53,13	13,9	311,5	"
	14:50	4279	4267	52,41	50,54	14,1	315,1	"
	15:00	4236	4210	50,84	48,23	13,7	314,9	"
	15:10	0	4180	49,29	45,97	13,8	311,9	"
	15:20	4060	4030	47,7	43,5	13,2	312,5	"
	15:30	3775	3727	46,3	41,3	13,2	312,2	"
	15:40	4097	4065	44,8	39,0	13,3	313	"
	15:50	4072	4032	43,41	36,84	12,8	315,1	"
	16:00	4019	3999	41,9	34,61	12,6	317,1	"
	16:10	3995	3972	40,4	32,4	12,8	314,3	W. Bichls
	16:20	-	3179	38,9	30,3	12,7	311,9	"
	16:30	3820	3786	37,6	28,1	12,4	309,1	"
	16:40	4084	4051	36,2	25,8	13,3	317,2	"
	16:50	3987	3948	34,7	23,6	13,2	315,0	"
	17:00	3543	3542	33,2	21,1	13,0	312,8	"
	17:10	4111	4070	31,7	18,9	14,1	312,5	"
	17:20	4100	4062	30,1	16,5	13,7	314,0	"
	17:30	4094	4063	28,6	14,0	12,9	315,0	"
	17:40	3974	3950	27,6	11,8	13,3	313,5	"
	17:50	-	3683	25,7	9,6	13,5	115,3	"
	18:00	3633	3596	24,7	7,3	13,5	318	Uwe Frey

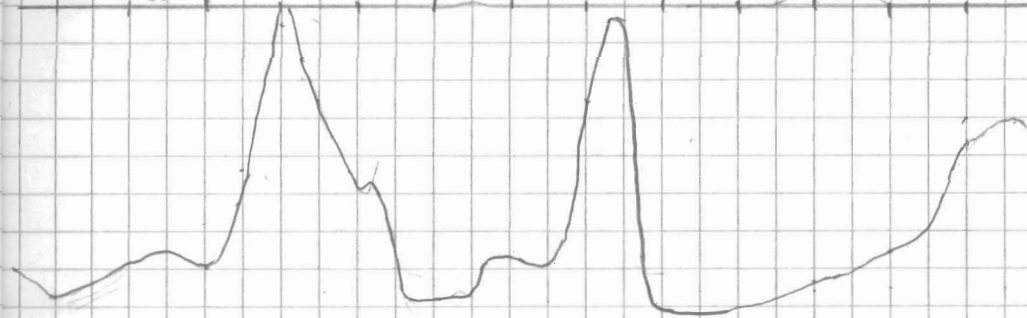


f	Pulse	Reg. f.	Length	Wait Time	Data Red.	Deso Rolle	Bemerkungen
4	2	40	266	0	0	5	
"	"	"	"	"	"	"	
"	4	"	"	"	"	"	
"	"	"	4	"	"	"	
4	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	"	"	"	"	"	"	
"	10	"	10	10	10	10	
"	4	"	4	4	4	4	
"	10	"	10	10	10	10	
"	10	"	10	10	10	10	
"	4	"	4	4	4	4	
"	4	"	4	4	4	4	
"	4	"	4	4	4	4	
"	4	"	4	4	4	4	
"	4	"	4	4	4	4	
"	4	"	4	4	4	4	
"	4	"	4	4	4	4	
"	4	"	4	4	4	4	
"	4	"	4	4	4	4	
"	4	"	4	4	4	4	

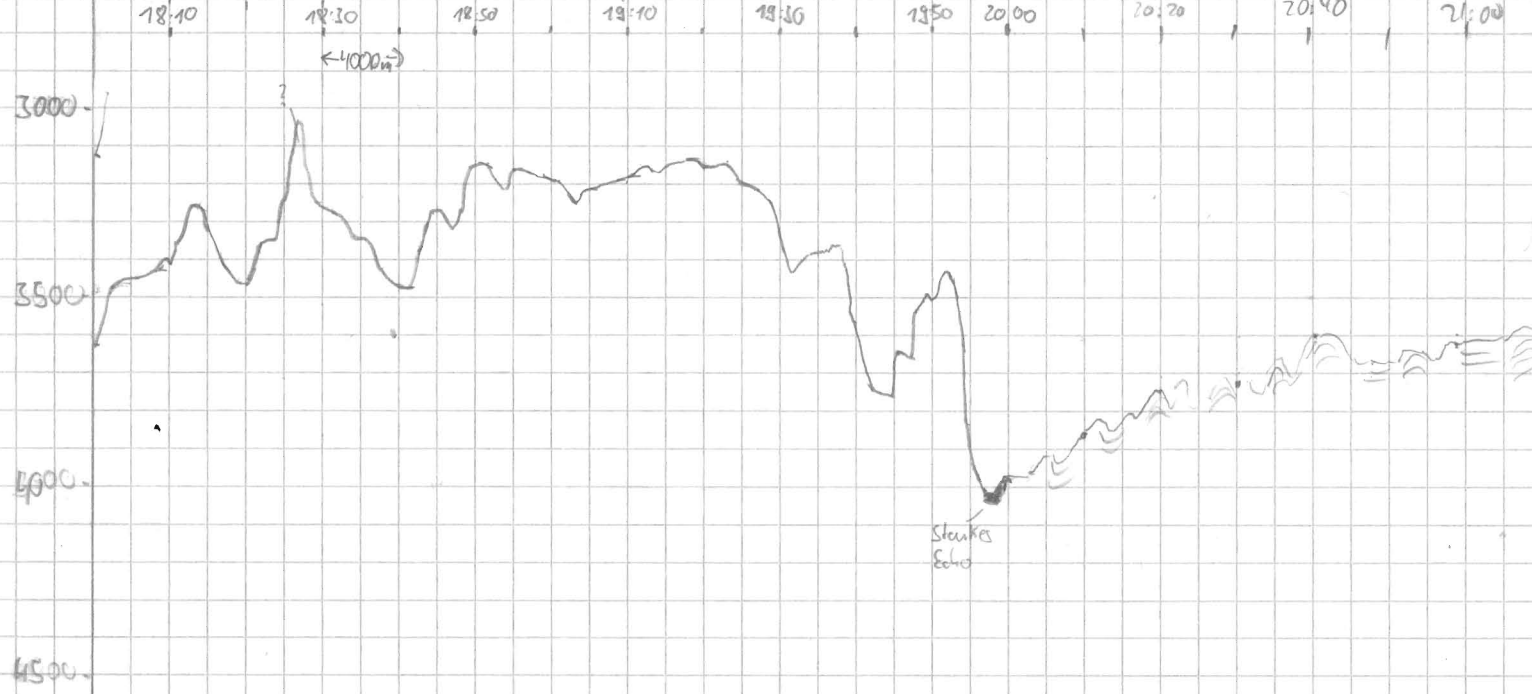
16:00

17:00

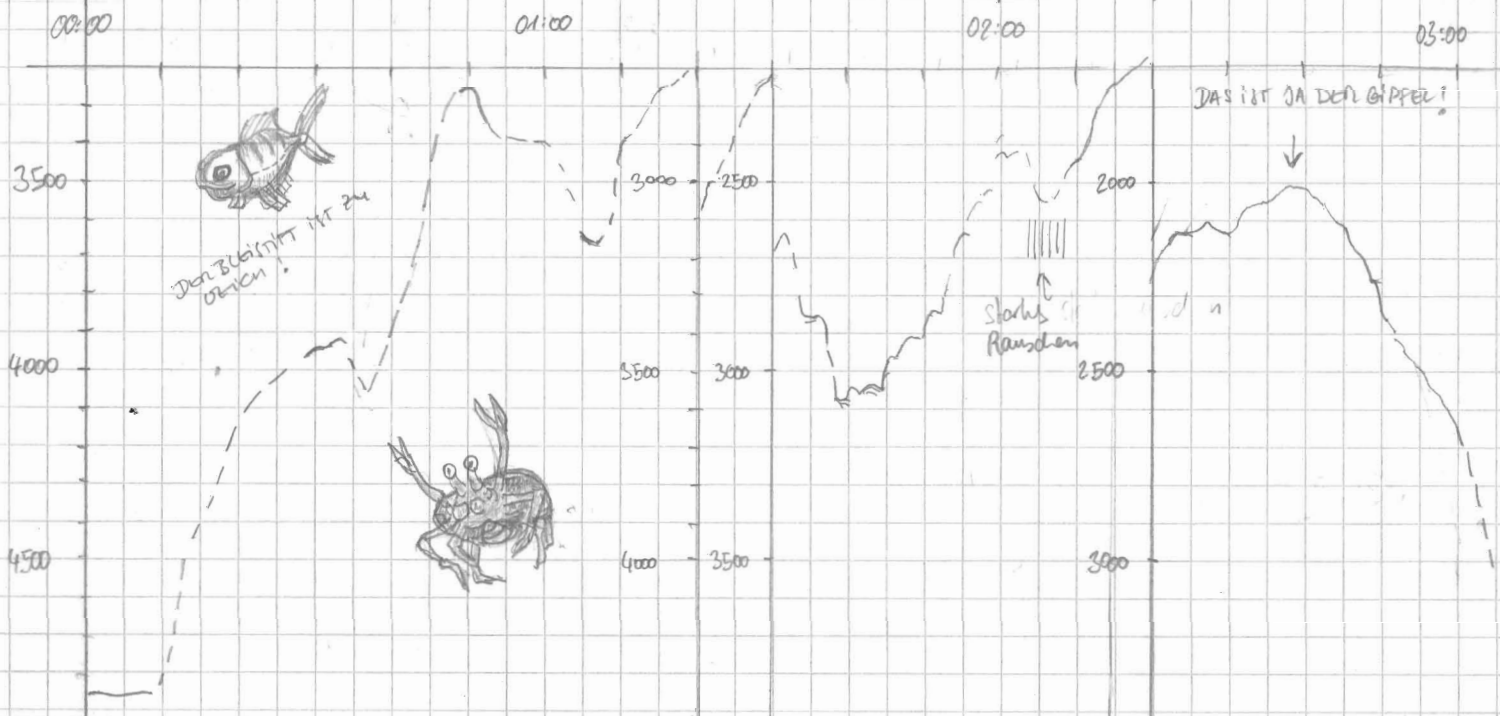
18:00



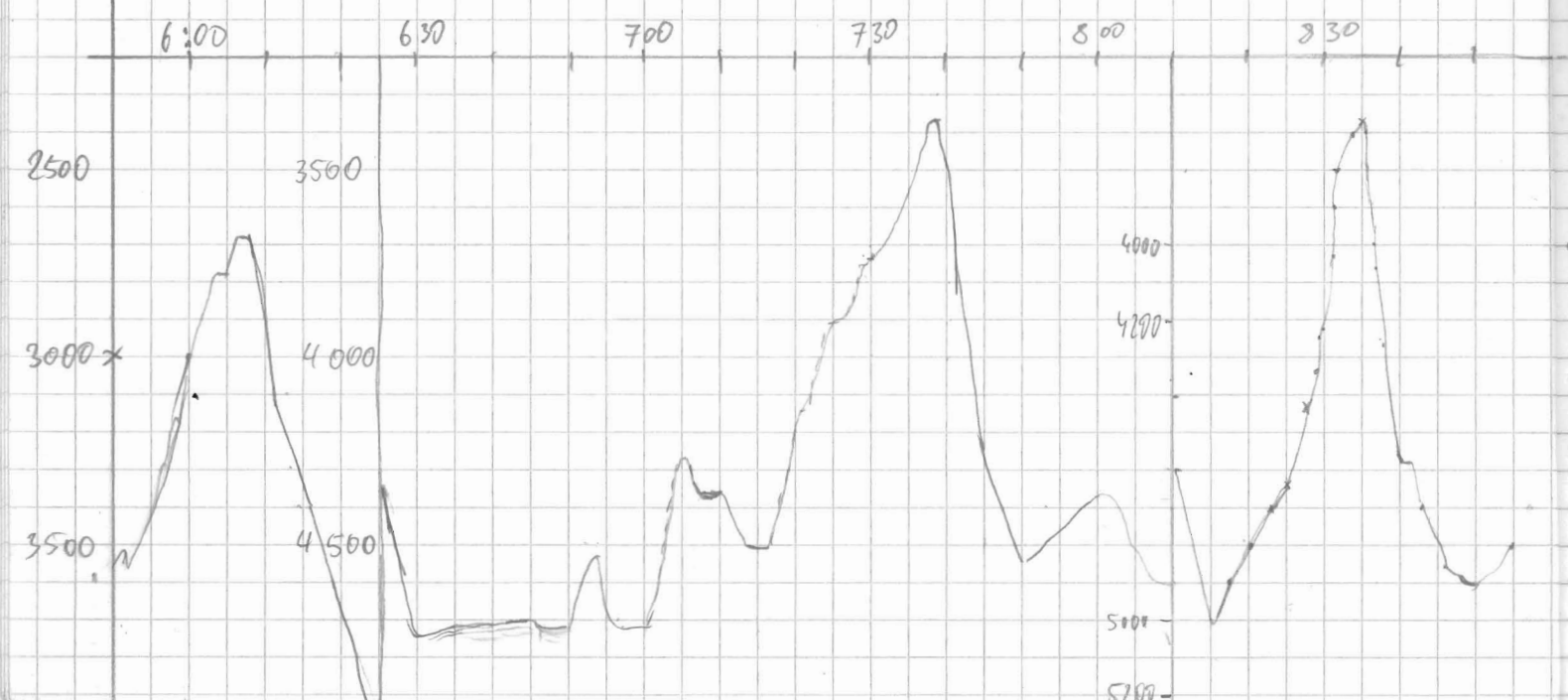
Date	Time	PS (m)	HS (m)	Lat	Lon	Speed	Course	Wahlheiper
06/04/04	18:10	3410	5546	47°22.6'	536°05.2' E	14.0	316	Uwe Frey
	18:20	3469	3422	27.1'	02.9'	13.2	316	"
	18:30	3273	3214	19.5'	00.6'	13.4	315	"
	18:40	3485	-	18.2'	35°58.8'	12.6	315	"
	18:50	3144	3147	16.7'	50.2'	13.1	312	"
	18:00	3196	3171	15.3'	54.0'	12.5	317	"
	19:10	3186	3176	13.9'	52.1'	12.3	312	"
	19:20	3157	3135	12.3'	49.6'	12.4	314	"
	19:30	3392	3386	10.9'	47.1'	13.2	311	"
	19:40	3606	3625	09.5'	45.2'	11.6	313	"
	19:50	3516	3446	08.0'	43.1'	11.9	315	"
	20:00	3987	3956	06.4'	40.8'	13.5	314	"
	20:10	3850	3809	04.8 S	38.5' E	13.0	313	N.essen
	20:20	3709	3698	02.6	35.5	12.4	319	"
	20:30	∅	3687	01.8	34.2	13.1	316	"
	20:40	∅	3524	46 59.8 S	31.4 E	12.1	317	"
	20:50	3675	3680	58.8 S	29.5 E	11.7	311	"
	21:00	3626	3594	57.5 S	27.7 E	12.3	310	"
	21:10	3560	3559	56.4 S	25.8 E	12.3	310	"
	21:20	3408	3447	55.1 S	23.7 E	12.8	308	"
	21:30	3410	3408	53.2 S	21.4 E	12.4	318	"
	21:40	∅	3395	52.2 S	19.4 E	13.5	314	"
	21:50	3650	3623	50.2 S	17.4 E	12.3	317	"
	22:00	3628	3626	49.0 S	15.1 E	12.0	316	"
	22:10	3593	3611	46 47.4 S	13.0 E	13.7	314	F.T. Haas
	22:20	3488	3490	45.4 S	10.7 E	12.6	312	"
	22:30	3075	3115	44.6 S	08.8 E	12.3	313.9	"
	22:40	2948	2955	43.1 S	06.6 E	13.8	314.0	"
	22:50	2513	2478	41.7 S	04.5 E	13.3	312.7	"
	23:00	2366	2350	40.3 S	02.2 E	12.4	313.7	"
	23:10	2331	2319	38.3 S	34 59.5 E	13.3	312.7	"
	23:20	2313	2331	37.4 S	57.7 E	12.6	311.2	"
	23:30	1763	1854	36.0 S	55.4 E	13.2	311.4	"
	23:40	2614	2626	34.6 S	52.9 E	13.6	308.4	"
	23:50	3676	3759	33.2 S	50.6 E	13.5	311.5	"
7.4	00:00	3612	4265	31.7 S	48.2 E	13.7	311.2	"



DATE UCT	TIME UCT	FS [m]	MS [m]	LAT [°]	LONG [°]	SPEED [km]	COURSE [°]	
7.4.	00:10	4163	4904	46° 29.8'S	34045.2 E	13.2	313	D. JÖCKER
	00:20	-	-	28.8'S	43.8 E	13.1	313	- " -
	00:30	-	4053	27.3'S	41.5 E	13.5	314	"
	00:40	-	4224	25.7'S	39.7 E	13.2	313	"
	00:50	-	3247	23.9'S	36.5 E	12.9	315	"
	01:00	3440	3474	22.8'S	34.8 E	13.0	318	"
	01:16	3494	3488	20.8'S	32.3 E	13.9	315	"
	01:20	3083	3057	19.5'S	30.2 E	13.3	314	"
	01:30	2650	2626	18.1'S	28.1 E	13.7	310	"
	01:40	3077	3048	16.5'S	25.7 E	13.6	315	"
	01:50	2903	2881	15.1'S	23.6 E	14.3	322	"
	02:00	2464	2492	13.3'S	21.0 E	13.2	315	"
	02:10	2449	2427	12.0'S	18.9 E	14.3	312	"
	02:20	2331	2329	10.5'S	16.5 E	13.7	315	"
	02:30	2156	2146	09.1'S	14.5 E	14.0	315	"
	02:40	2004	2012	07.4'S	12.2 E	13.4	315	"
	02:50	2399	2376	05.9'S	09.9 E	12.6	313	"
	03:00	2654	2636	04.5'S	07.8 E	13.3	315	"
	03:10	-	3034	02.8'S	05.6 E	14.1	314	"
	03:20	2947	3826	01.4'S	03.6 E	13.3	319	"
	03:30	-	3779	45° 59.8'S	01.4 E	13.5	313	"
	03:40	3969	3965	57.9'S	33° 58.3 E	12.5	310	"
	03:50	3086	3020	57.0'S	56.9 E	13.0	312	"
	04:00	4002	4015	59.1	52.5	13.0	316	B. Laser
	04:10	4092	4022	53.9	52.4	12.4	314	
	04:20	2510	2510	52.7	50.4	11.8	313	
	04:30	2467	2437	51.2	48.2	12.5	314	
	04:40	-	2607	49.9	46.3	13.4	316	
	04:56	-	2684	48.4	44.7	14.2	319	
	05:00	-	2722	46.9	41.7	13.6	315	
	05:10	3580	3507	45.3	39.4	13.6	316	
	05:20	3508	3484	43.7	37.2	12.8	315	
	05:30	3778	3731	42.4	35.2	13.5	312	
	05:40	-	3743	41.0	33.2	12.5	314	
	05:50	-	3664	39.6	30.8	13.5	312	
	06:00	-	3103	38.2	28.8	13.3	315	B. Laser

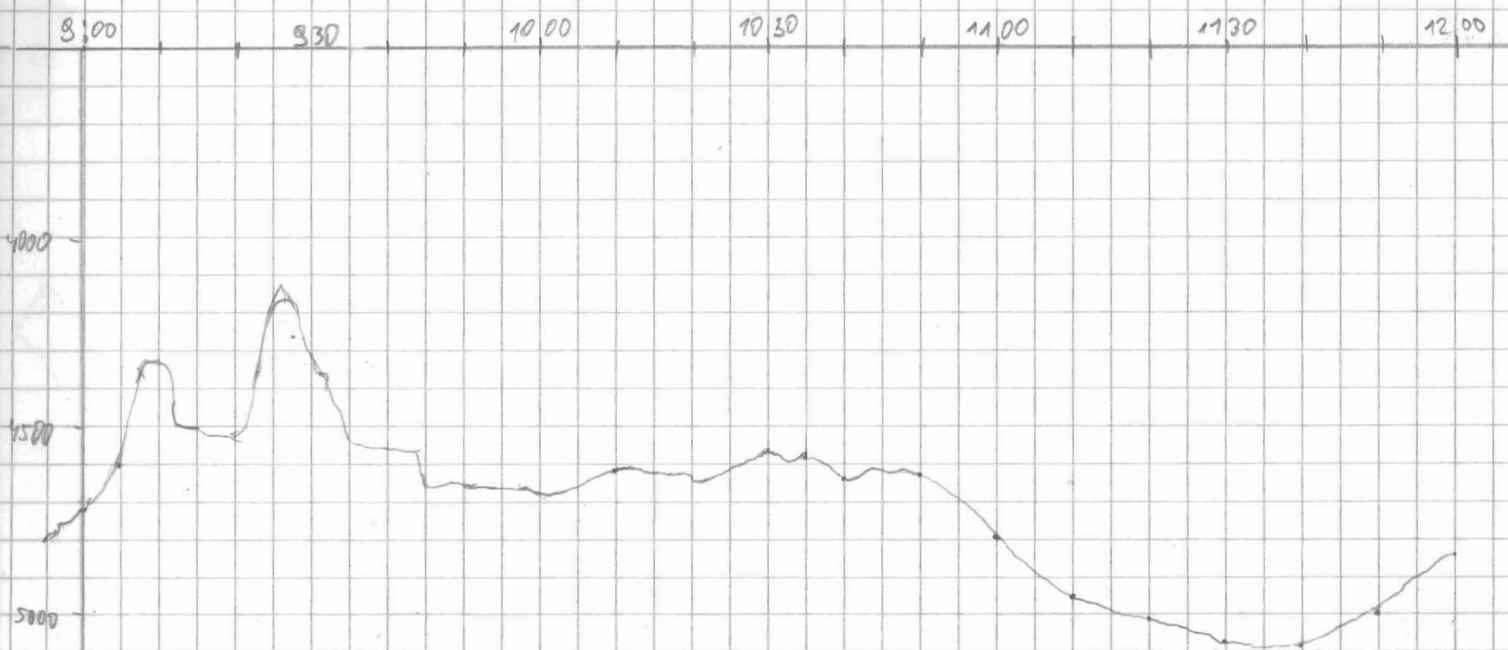


Date UTC	TIME UTC	DEPTH		LAT	LON	SPEED kn	COURSE °	SENTINEL
		PS m	HS m					
07.04.	06:10	2868	2856	45° 36.7 S	33° 26.6 E	13.4	314.4	B. Lasser
	06:20	—	3634	35.3	29.3	13.7	313.4	
	06:30	—	4610	33.8	22.1	13.0	313.3	
	06:40	4727	4666	32.4	18.8	12.5	312.6	
	06:50	—	4669	30.9	17.7	13.9	316.6	
	07:00	4738	4707	28.3	15.6	13.7	316.6	
	07:10	47	4787	27.7	13.5	13.8	318.6	
	07:20	4828	4823	25.9	11.1	13.8	312.9	
	07:30	—	3857	24.5	8.9	13.6	314.0	
	07:40	—	3501	23.0	6.7	14.1	311.7	
	07:50	—	4646	21.6	4.4	13.1	314.2	
	08:00	4466	4483	19.8	1.8	14.1	314.3	
	8:10	—	4639	18.3	32 59.7	12.8	314.8	R. Hamann
	8:20	—	4800	17.0	57.8	13.5	314.2	
	8:30	—	4227	15.4	55.5	13.3	314.4	
	8:40	—	4445	13.8	52.3	12.9	314.3	
	8:50	—	4897	12.2	50.8	13.7	312.6	
	9:00	4664	4697	10.5	48.5	13.6	314.5	
	9:10	4289	4327	09.0	46.3	13.1	312.9	
	9:20	4505	4549	07.5	44.0	13.8	314.0	
	9:30	—	4322	05.8	41.8	14.4	314.4	
	9:40	—	4550	04.3	39.6	13.5	314.0	
	9:50	—	4664	02.8	37.3	14.1	314.4	
	10:00	—	4659	01.7	35.8	14.1	312.7	
	10:10	4616	4609	44 58.6	32.6	14.4	314.4	H. Hommers
	10:20	—	4649	58.1	30.4	14.3	314.4	
	10:30	—	4561	56.3	28.0	14.0	313.4	
	10:40	—	4644	54.9	25.6	14.7	313.7	
	10:50	4638	4645	53.2	23.2	14.7	313.8	
	11:00	—	4800	51.8	21.0	15.0	314.1	
	11:10	—	4974	50.2	18.7	14.6	313.2	
	11:20	—	5015	48.4	16.1	14.8	314.1	
	11:30	5076	5081	47.0	14.0	14.6	314.0	
	11:40	4992	4982	45.5	11.7	14.5	313.4	
	11:50	4898	4913	43.9	09.4	14.6	313.6	
	12:00	—	4747	42.4	07.2	14.7	313.1	

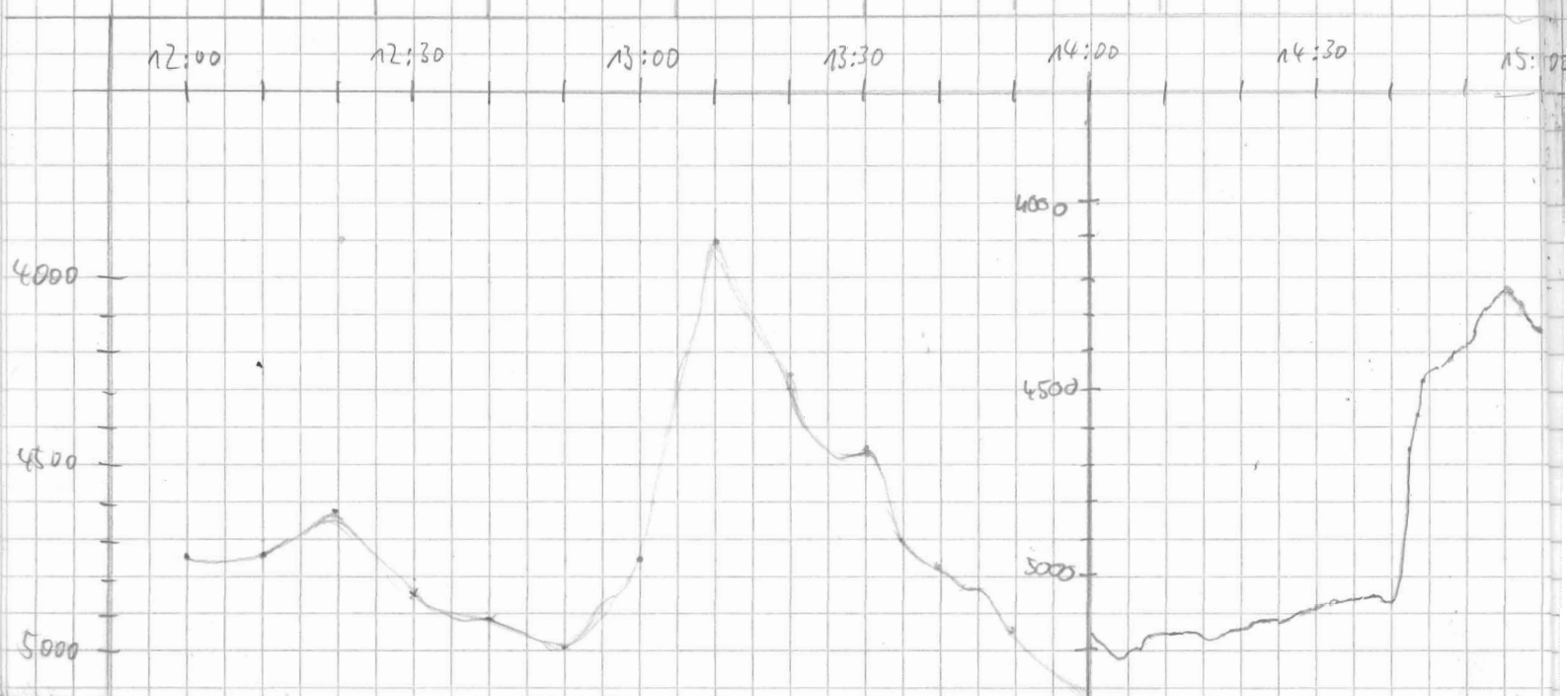


PS		Registration			Deso	
Frequ	Pulse	Frequ	Time	wait	Reduc.	Polle
kHz	#	kHz	ms	s	%	#
4	2	40	266	0	0	5

Bandwechsel 32 → 33 9:53



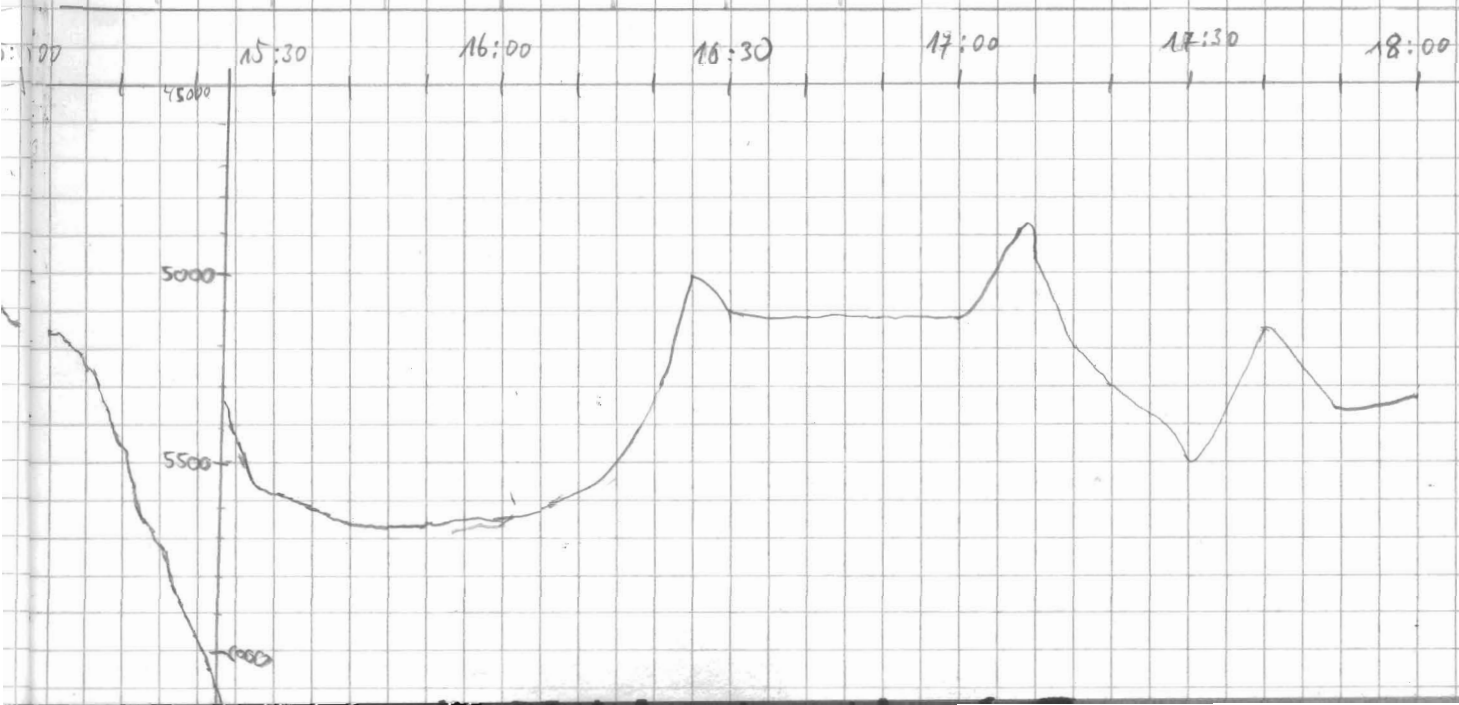
DATE UTC	TIME UTC	DEPTH		LAT	LON	SPEED [Kn]	COURSE [°]	WATCHKEEPER
		PS [m]	HS [m]					
07.04.	12:10	3877	4728	44°40.7	32°04.7 E	14.5	315.0	C. Daniel
	12:20	4614	4614	39.1	02.5	14.8	315.3	
	12:30	4146	4848	36.7	31°59.2	14.6	315.2	
	12:40	—	4915	36.1	58.3	14.0	315.0	
	12:50	—	5001	34.2	55.7	14.6	314.4	
	13:00	3968	4750	32.5	53.4	14.1	314.3	
	13:10	3861	3803	30.9	50.3	14.6	312.6	
	13:20	4299	4269	29.2	48.6	14.7	313.5	
	13:30	4490	4457	27.5	46.1	14.0	312.7	
	13:40	4803	4771	26.0	43.8	14.8	314.1	
	13:50	4996	4858	24.4	41.5	14.4	315.6	
	14:00	4440	5164	22.7	39.1	14.6	315.0	
	14:10	4438	5157	21.1	36.8	15.0	313.8	H. SCHOTTMÖLLER
	14:20	4440	5158	19.4	34.5	14.7	314.6	
	14:30	4441	5089	17.8	32.1	14.7	314.6	
	14:40	5065	5017	16.1	29.8	14.7	312.0	
	14:50	—	4406	14.5	27.3	14.8	312.7	
	15:00	4343	4369	12.9	25.0	15.0	312.7	
	15:10	—	4660	11.3	22.6	15.0	315.4	
	15:20	4444	5168	9.6	20.2	15.3	314.0	
	15:30	4747	5570	7.9	17.8	14.6	315.1	
	15:40	4364	5619	6.2	15.5	14.7	316.0	
	15:50	4749	5648	4.6	13.1	14.7	314.9	
	16:00	4755	5656	2.80	10.7	14.6	314.1	U. Brathauer
	16:10	4766	5652	1.26	8.3	14.8	312.3	"
	16:20	0	5409	43°59.6	6.0	14.9	314.6	"
	16:30	—	5136	58.0	3.6	14.9	314.4	"
	16:40	5055	5108	56.3	1.3	14.4	313.5	"
	16:50	5110	5123	54.7	30°59.9	14.8	312.9	"
	17:00	—	5140	53.0	56.6	14.8	314.2	"
	17:10	—	4987	51.41	54.3	14.9	312.8	"
	17:20	—	5337	49.69	52.0	14.8	315.5	"
	17:30	4745	5523	47.93	49.8	14.7	316.2	"
	17:40	—	5166	46.2	47.3	14.6	315.4	"
	17:50	—	5360	44.6	45.0	15.1	314.7	"
	18:00	5321	5318	42.9	42.7	14.9	316.3	W. Michels



FREQ [kHz]	PULSE *	FREQ [kHz]	TIME [ms]	WAIT [s]	REDUC %	DESO COLLE *
4	2	40	266	0	0	5

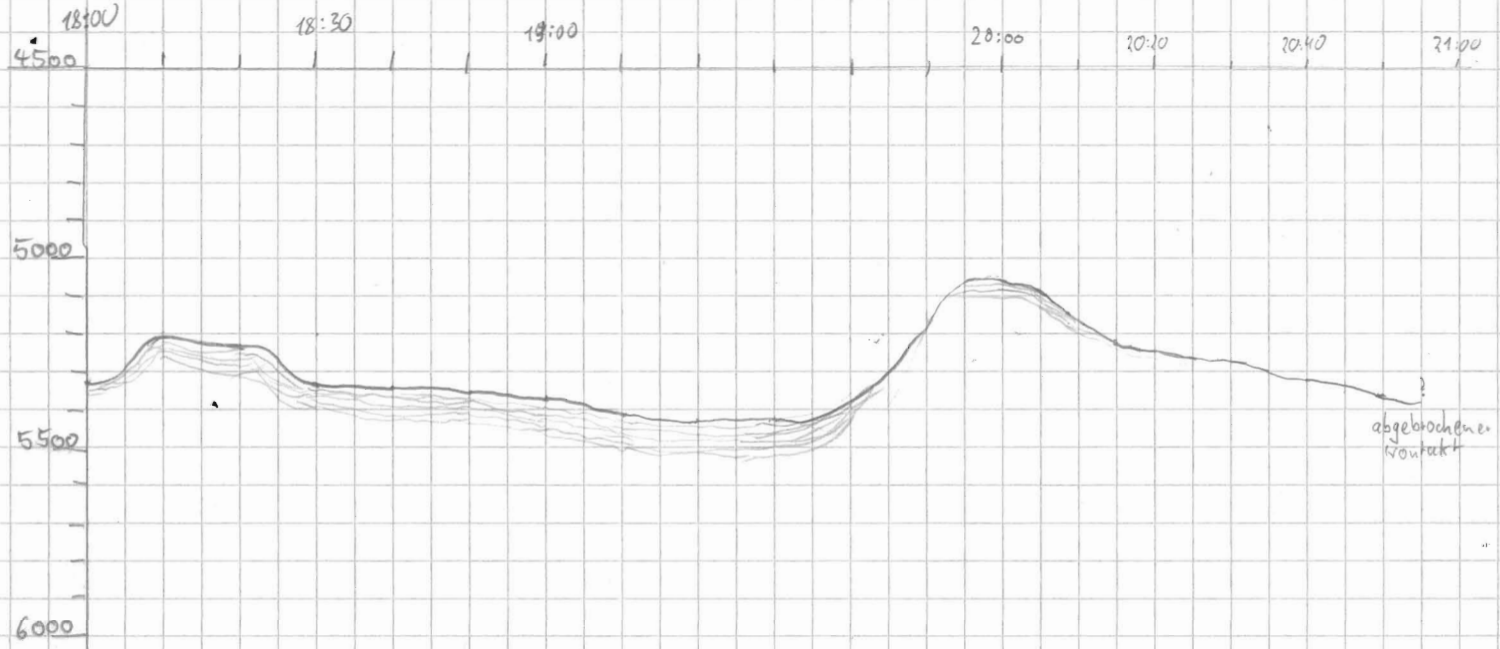
Bandwechsel

Wasserdiele von Perosound stimmt nicht
Bandwechsel v. 34 auf 15



DATE UTC	TIME UTC	DEPTH		LAT	LON	SPEED [km]	Course [°]	Wachgänger
		PS [m]	HS [m]					
07.04.	18:10	5200	5202	43° 41,2	30° 40,3	14,9	314,4	K. Mühlis
	18:20	-	5232	39,5	38,0	14,8	312,3	"
	18:30	-	5294	37,8	35,6	14,6	313,3	"
	18:40	5333	5325	36,2	33,2	14,8	312,7	"
	18:50	-	5354	34,6	30,8	14,8	315,2	"
	19:00	5383	5362	33,0	28,6	15,0	314,2	"
	19:16	5433	5416	30,29	24,8	14,5	311,9	"
	19:20	5438	5422	29,7	23,9	14,8	312,7	"
	19:30	5416	5413	28,0	21,5	14,8	312,8	"
	19:40	-	5372	26,4	19,2	14,9	316,1	"
	19:50	-	5193	24,5	16,5	14,5	314,7	"
	20:00	5085	5100	23,0	14,5	15,0	313	Uwe Frey
	20:10	5167	5187	21,3	12,2	15,1	313	"
	20:20	5246	5264	19,7	9,9	15,0	314	"
	20:30	5278	5317	18,0	7,5	14,3	314	"
	20:40	5322	5346	16,3	5,1	14,8	314	"
	20:50	5359	5411	14,6	2,8	15,2	315	"
	21:00	4738	5562	12,9	0,4	14,8	312	"
	21:10	-	5785	11,4	29° 57,8' E	15,0	313	"
	21:20	5016	5835	9,8	55,7'	15,0	314	"
	21:30	-	4646	8,2'	53,3'	15,1	314	"
	21:40	-	4858	6,4'	50,8'	15,3	314	"
	21:50	5334	5404	4,6'	48,4'	15,0	313	"
	22:00	5605	5606	2,9'	46,2'	15,5	316	"
	22:13	5507	5520	00,5 S	42,9° E	15,4	315	Nennen
	22:20	5505	5484	42 59,3 S	44,6° E	15,4	314	"
	22:30	5386	5387	57,4 S	38,7° E	15,4	312	"
	22:40	5349	5349	55,9 S	36,5° E	15,0	312	"
	22:50	5318	5321	53,9 S	33,7° E	15,2	313	"
	23:00	5405	5426	52,5 S	31,7° E	15,4	313	"
	23:10	5452	5459	50,7 S	29,2° E	15,6	313	"
	23:20	4	4928	48,8 S	26,4° E	15,1	314	"
	23:35	5174	5206	46,5 S	23,7° E	15,3	312	"

8.4 0:10 5108 5128 42° 40,6 S 29° 14,8 E 15,2 315
 0:20 5108 5128 38,8 S 12,4 E 15,8 315 David Völker



Frequ. (kHz)	Pulse	Abtast Frequ.	Time (ms)	Wait (s)	Reduct. (%)	Deso Rolle
4	2	40	266			5

19:47 Magnetband gewechselt

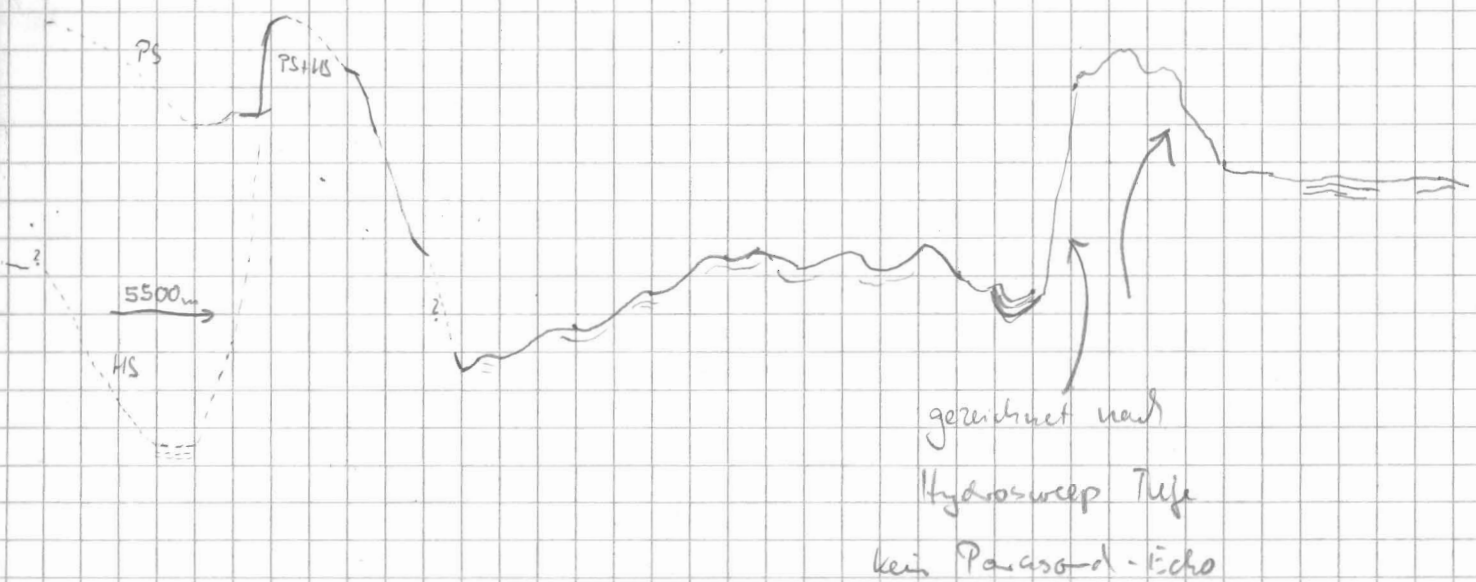
19:58 Tiefenpatrone von Stativ-Drucker gewechselt

Werte von HS und PS unterscheiden sich im 800-1000m. Im Bereich der HS-Tiefen trotzdem gute Mitzeichnungen
Dig Depth Gate mit 4000m!

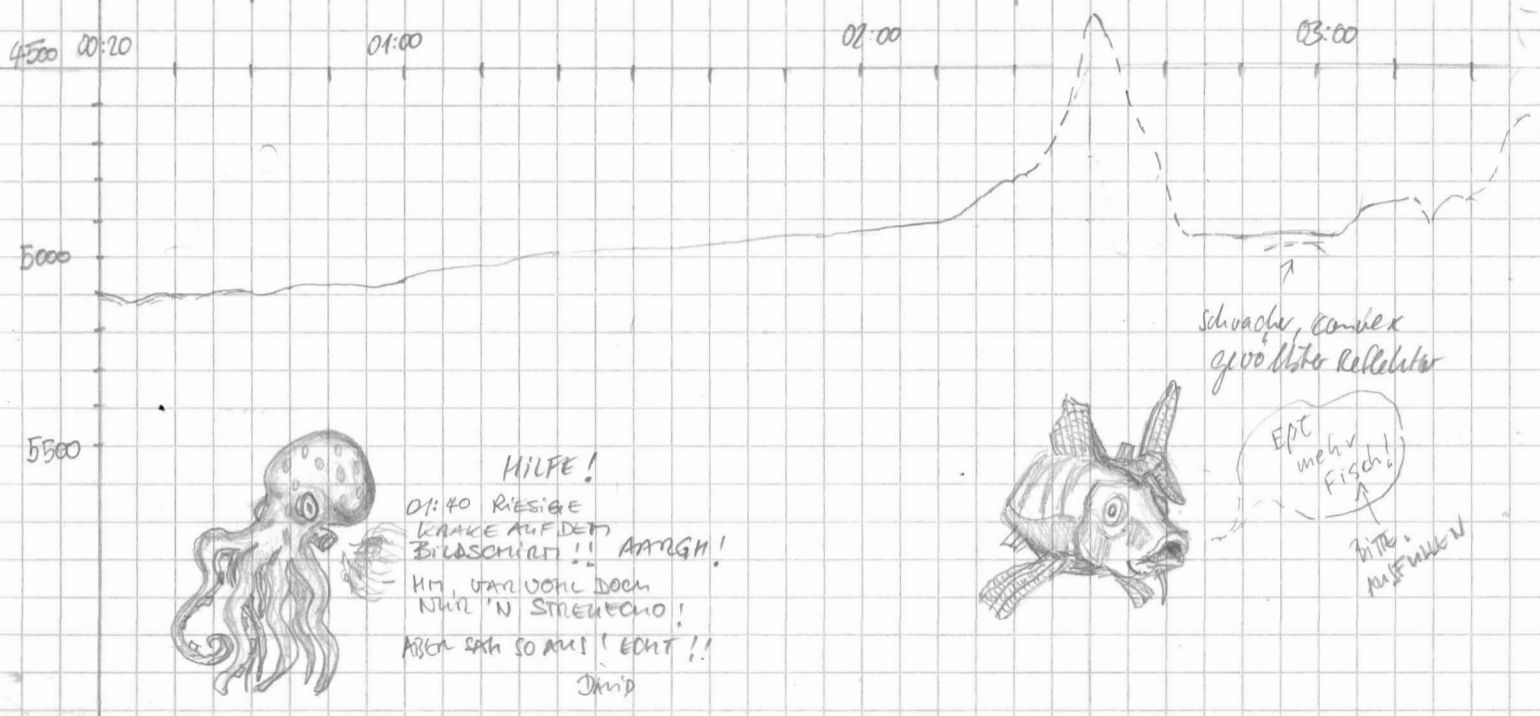
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓

Bandwechsel # 36 → 37
23:30 Wechsel d. Parafilm-Farbpatrone
23:42 Ausstieg aus Parafilm aus Sicherheits-technischen Gründen

21:00 21:20 21:40 22:00 22:20 22:40 23:00 23:20



Date		Depth		Lat		Lon		Speed	Course	Watchgänger
UTC	UTC	PS	HS							
8.4	00:30	5091	5107	42° 36.8 S	29° 09.7 E			15.9	314	David Völler
	00:40	5111	5122	35.2 S	07.5 E			15.7	314	"
	00:50	5096	5112	33.5 S	04.9 E			15.9	314	"
	01:00	5073	5095	31.8 S	02.5 E			15.6	314	"
	01:20	4994	5020	28.7 S	28° 57.6 E			15.8	315	"
	01:30	4975	5006	26.5 S	55.3 E			15.6	315	"
	01:40	4983	5016	24.8 S	53.0 E			15.8	316	"
	01:50	4972	5010	22.7 S	50.2 E			16.2	316	"
	02:00	4942	4968	21.0 S	48.0 E			16.1	312	"
	02:10	4903	4923	19.4 S	45.6 E			16.2	312	"
	02:20	4798	4810	17.6 S	43.0 E			16.2	312	"
	02:30	4448	4389	16.0 S	40.6 E			15.9	312	"
	02:40	4875	4867	14.3 S	38.1 E			15.8	313	"
	02:50	5058	5056	12.5 S	35.6 E			15.7	313	"
	03:00	5044	5031	11.0 S	33.4 E			15.5	313	"
	03:10	4857	4810	09.3 S	31.0 E			15.6	313	"
	03:20	4845	4770	07.7 S	28.7 E			15.3	316	"
	03:30	4643	4610	05.8 S	26.1 E			15.3	315	"
	03:40	4616	4617	04.3 S	24.1 E			15.5	315	"
	03:50	4545	4520	02.7 S	21.8 E			15.3	316	"
	04:00	4482	4500	42° 00.6 S	19.2 E			15.0	314	B. Lauer
	04:10	4708	4711	41° 59.2 S	17.1 E			15.2	313	
	04:20	4288	4283	57.6 S	14.9 E			15.3	314	
	04:30	-	4200	55.9	12.6			15.0	317	
	04:40	4169	4169	54.2	10.4			14.9	316	
	04:50	-	4128	52.4	8.0			14.9	316	
	05:00	-	3944	50.7	5.7			15.1	315	
	05:10	3709	3701	49.4	3.5			15.0	314	
	05:20	3603	3583	47.5	1.2			15.0	313	
	05:30	3766	3753	45.8	27° 58.9 E			15.1	314	
	05:40	3772	3742	44.1	56.6			15.2	313	
	05:50	3608	3585	42.3	54.3			15.1	310	
	06:00	3908	3868	40.6	51.9			15.2	312	
	06:10	3971	3938	38.9	49.6			15.2	312	
	06:20	3988	3967	37.1	47.1			15.1	311	
	06:30	3971	3943	35.6	45.1			15.3	312	B. Lauer



Frage. Pulse Abt. Freq. Time Wait. Reduct. Deso. Rolle Bemerkung

4	2	40	266	0	0	5
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"

Wass. Bodensed. so gut wie keine
Verdrängung!

Cesclonaphotorelevé!

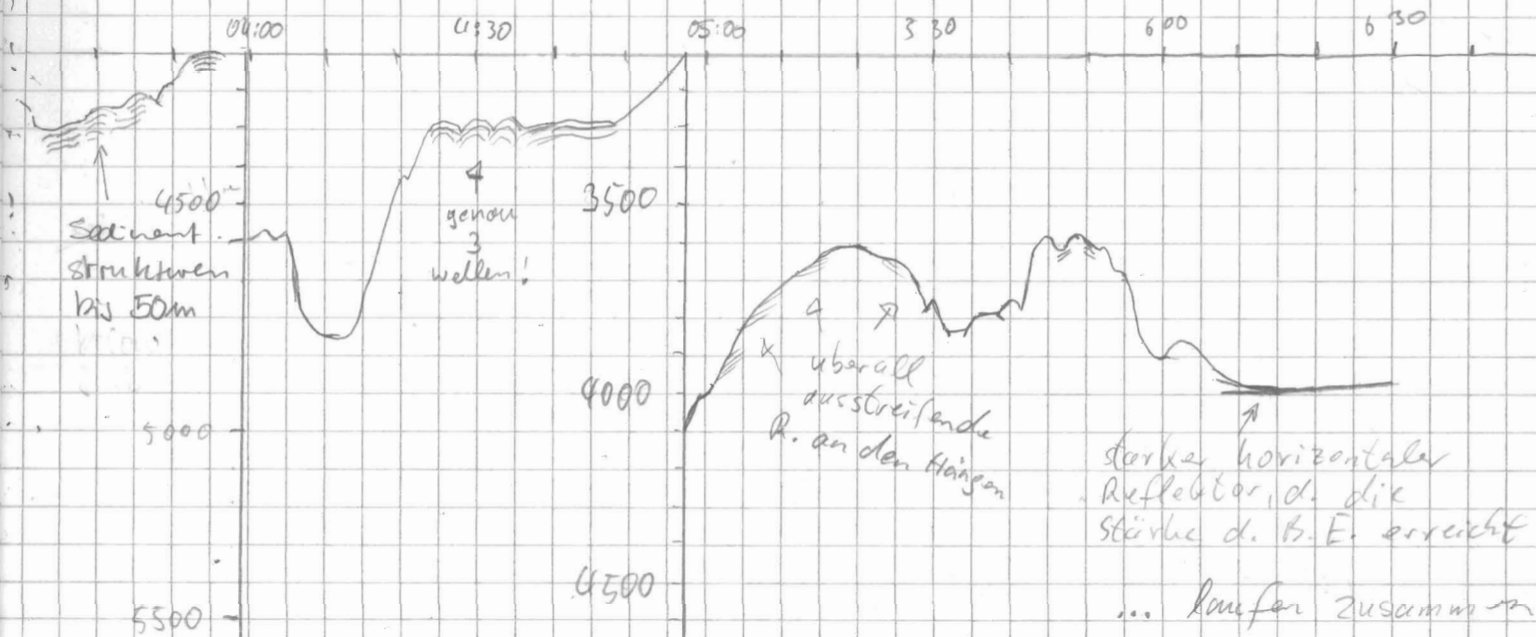
02:30 3 geht eine Stelle Sankter
schräg hoch - kein Echo erzfangen!
02:40 langparallele Fahrt

"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"

03:40 Radwechsel #38 → #39

Depth-Gate v. Deso zurück auf 3000m
Jetzt haben wir wieder Tiefen!
Gächeln!

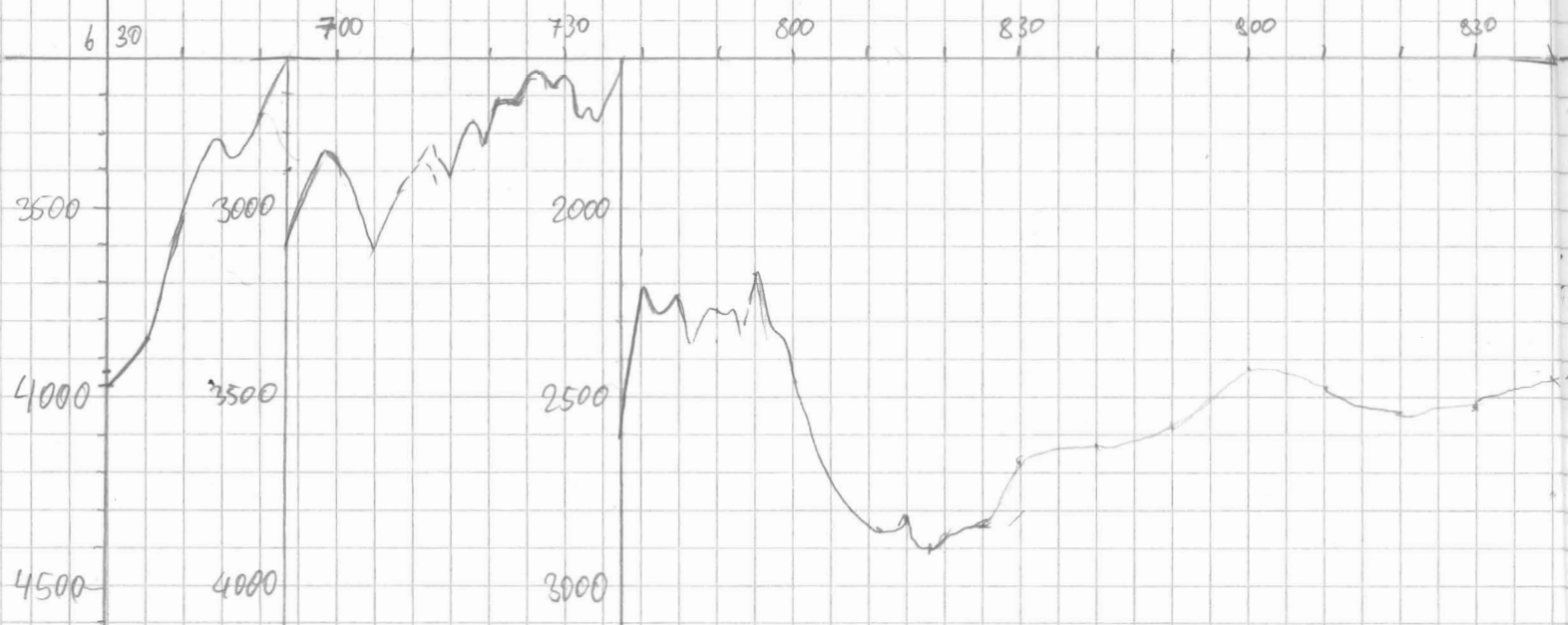
4 2 40 266 0 0 5 Nix



DATE UTC	TIME UTC	DEPTH		LAT	LON	SPEED kn	COURSE °	B v D
		PS m	HS m					
8.4.	06:30	3871	3843	41° 35,6 S	27° 45,1 E	15.3	312	R. Laser dens.
	06:40	3528	3530	33.6	42.4	15.4	313	
	06:50		3268	32.1	40.3	14.9	311	
	07:00	2860	2871	30.4	27.8	14.6	309	
	07:10	2901	2897	28.9	35.6	14.7	309	
	07:20	2796	2787	27.4	33.2	14.6	307	
	07:30	2698	2674	25.9	30.7	14.5	307	
	07:40	2212	2227	24.5	28.3	14.3	306	
	07:50	2281	2282	22.4	25.5	14.1	317	
	08:00	2322	2315	21.0	23.7	14.2	317	
	08:10	2527	2504	19.6	22.1	13.9	316	
	08:20	2873	2800	18.1	20.0	13.5	315	
	08:30	2628	2660	16.1	17.3	12.8	313	
	08:40	2633	2615	15.1	15.8	13.9	313	
	08:50	2589	2574	13.5	13.7	13.7	316	
	09:00	2413	2412	11.7	11.4	14.0	316	
	09:10	2480	2473	10.2	09.5	14.3	317	
	09:20	2538	2532	08.7	07.7	14.3	319	
	09:30	2528	2513	06.8	05.7	14.5	318	
	09:40	2426	2443	05.2	03.4	14.5	315	
	09:50	2446	2424	03.5	01.3	14.6	315	
	10:00	2434	2414	01.9	26° 59,1	14.4	315	
	10:10	2412	2385	00.1	56.9	14.4	315	
	10:20	2403	2387	40 58,3	54.7	13.8	319	
	10:30	2406	2387	56.9	52.3	14.3	319	
	10:40	2415	2347	55.3	50.2	14.3	319	
	10:50	2426	2410	53.5	47.8	15.0	312	
	11:00	2466	2428	51.9	45.8	14.7	312	
	11:10	2463	2420	50.2	43.7	14.7	312	
	11:20	2457	2422	48.5	41.5	14.3	312	
	11:30	2502	2463	46.8	39.4	14.6	311	
	11:40	2503	2477	45.2	37.4	14.5	312	
	11:50	2517	2483	43.5	35.3	14.6	311	
	12:00	2508	2465	41.8	33.3	14.1	313	
	12:10	2465	2422	40.3	31.3	14.1	310,5	
	12:20	2388	2364	38.7	29.1	13.7	310,6	

R. Hamann

H. Thommers



PS

Registration

DESO

Uuel sonst ?

Frequ	Pulse	Frequ	Length	Unit	Reduce	Rolle
KHz	#	KHz	ms	s	%	#
4	2	40	266	0	0	5

Eine neue Seite in diesem Leben...
 Deso-Win präv. auf 2000m

Höhenrekord ?
 Bandwechsel #35 -> #40

6

1000

1030

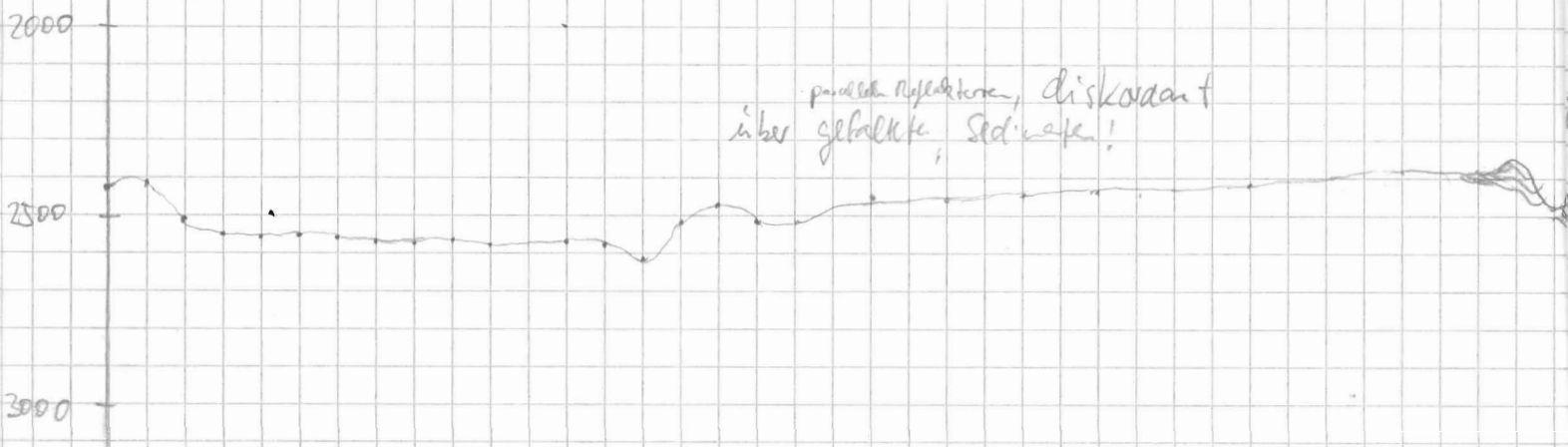
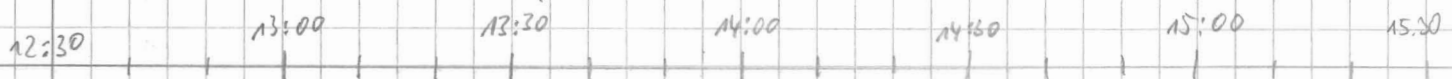
1100

11:20

12



DATE UTC	Time UTC	Depth PS	HS m	Lat	Long	SPEED kn	COURSE °	BVD
8.4	12:30	2421	2400	40° 37,3 S	26° 27,0 E	13,9	302,5	(H. Hommers)
	12:40	—	2508	35,8	25,0	13,5	311,7	
	12:50	2562	2552	34,3	22,9	13,8	305,8	
	13:00	2559	2543	33,0	20,6	14,1	303,6	
	13:10	2576	2563	31,4	18,3	15,0	308,6	
	13:20	2580	2568	30,0	16,0	13,7	302,9	
	13:30	2679	2565	28,7	13,7	14,1	305,3	
	13:40	2613	2599	27,3	11,3	14,6	311,4	
	13:50	2476	2464	25,7	09,2	14,1	309,0	
	14:00	2520	2507	24,0	07,1	14,6	313,8	
	14:10	2473	2471	22,3	04,9	14,8	315,8	C. Daniel
	14:20	2470	2476	20,7	02,7	14,2	311,9	
	14:30	2461	2466	19,0	00,5	14,1	312,6	
	14:40	2447	2448	17,3	25° 58,2	15,4	313,0	
	14:50	2427	2419	15,5	55,9	15,3	315,5	
	15:00	2412	2402	13,8	53,6	14,6	314,8	
	15:10	2403	2396	12,1	51,3	14,6	303,3	
	15:20	2393	2388	10,5	49,0	14,9	314,0	
	15:30	2382	2377	08,7	46,8	15,0	315,3	
	15:40	2456	2451	06,9	44,5	15,2	315,3	
	15:50	2383	2386	05,2	42,3	15,0	315,6	
	16:00	2398	2401	03,5	39,9	15,7	315,9	J. Grigel
	16:10	2400	2404	01,9	37,7	14,6	314,7	
	16:20	—	2474	00,3 S	35,3	15,1	314,0	
	16:30	2493	2494	39° 58,6' S	25° 33,0' E	14,9	317,0	
	16:40	2555	2547	56,8	30,8	15,1	316,0	
	16:50	2587	2575	55,1	28,6	15,2	315,8	
	17:00	2585	2575	53,4	26,4	15,2	314,2	
	17:10	2642	2636	51,6	24,0	15,3	314,4	
	17:20	2659	2649	50,0	21,8	14,7	315,2	
	17:30	—	2674	48,3	19,5	14,1	315,3	
	17:40	—	2682	46,6	17,1	14,7	314,7	
	17:50	2704	2724	44,9	14,8	15,3	315,4	
	18:00	2723	2706	39° 43,1 S	25° 12,5 E	15,2	315,8	N. Luster
	18:10	2731	2710	41,3	10,2	15,4	316	"



PS

Registration

DESO

und sonst

f kHz	Pulse #	f kHz	Length ms	wait s	Reduce %	Roll °
4	2	40				6

Bandwechsel # 40 → # 41

4	2	40	266	.0	.0	6
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17:53 Bandwechsel # 41 → # 42

4	2	40	266	.0	.0	6
"	"	"	"	"	"	"

16:00

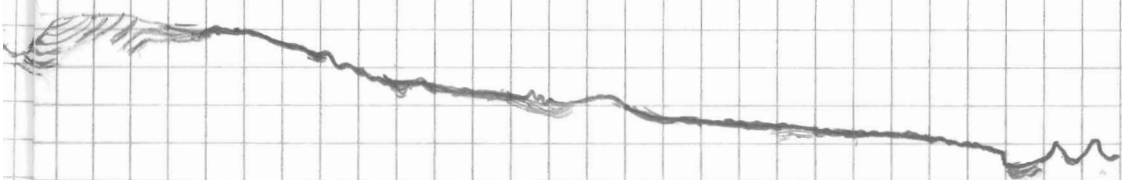
16:30

17:00

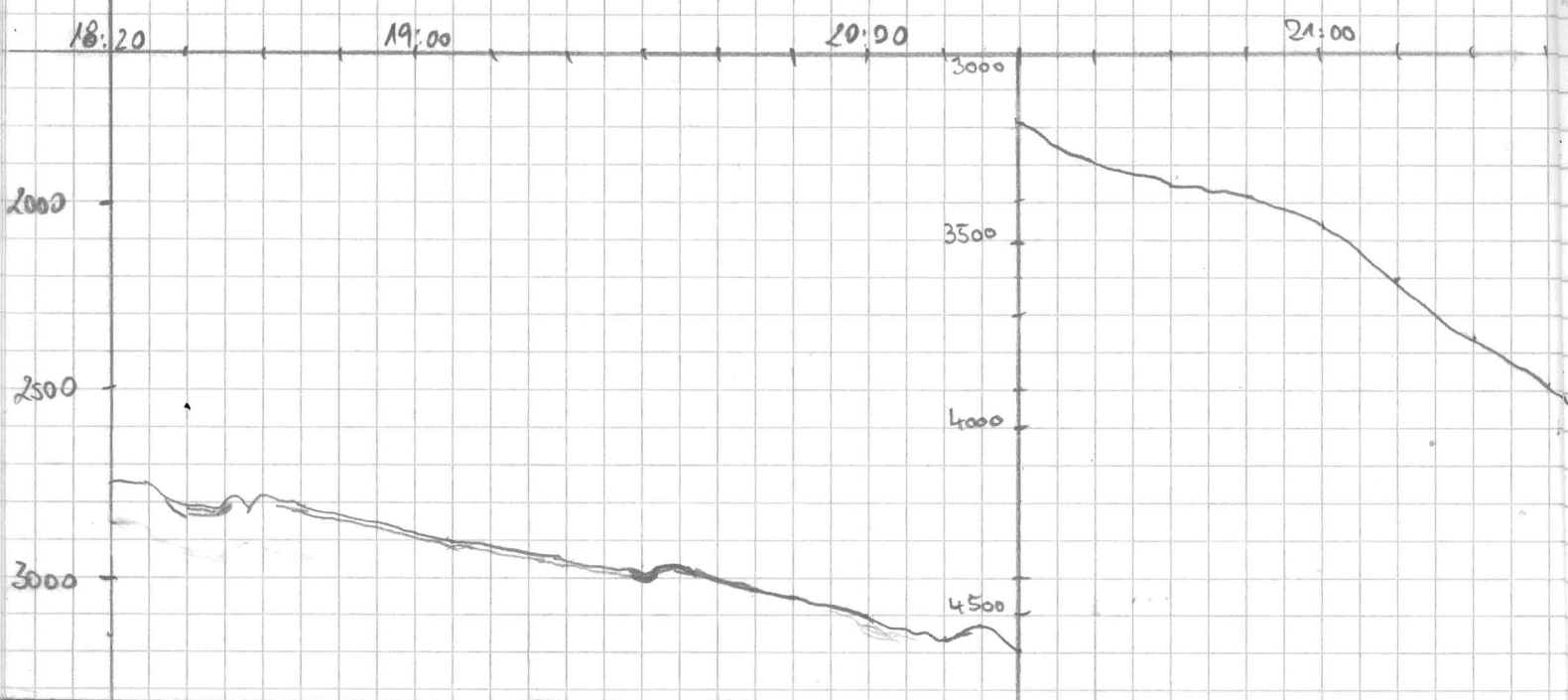
17:30

18:00

Eradianter Kanal



Date UTC	Time	Depth		Lat.	Long.	Speed	Course	T.V.D	
		PS	HS						
8.4.	18:23	2848	2826	39° 39' 18S	25° 07' 40 E	14.4	315.2	N.C.	
	18:30	2872	2858	37.98	05.25	14.9	315.2		
	18:40	2860	2850	36.27	03.50	14.9	316		
	18:50	2862	2856	34.63	01.23	15	313		
	19:00								
	19:10	2916	2907	39° 31' 44 S	24° 57' 01 E	14	313		"
	19:20	2944	2930	29.97	54.88	14	313		
	19:30	2985	2971	28.43	52.80	13	314		
	19:40	2989	2982	26.87	50.76	13	315		
	19:50	3058	3049	25.26	48.62	13	316		
	20:00	3101	3099	23.6	46.6	14.4	319.0	W. Michals	
	20:10	3160	3160	21.9	44.5	14.0	316.4		
	20:20	-	3193	20.3	42.3	14.6	316.0		
	20:30	3287	3298	18.6	40.1	14.6	317.0		
	20:40	3320	3351	16.7	38.1	14.4	316.5		
	20:50	3367	3374	15.1	36.0	13.3	317.9		
	21:00	-	3476	13.5	33.8	14.7	314.1		
	21:10	3592	3606	11.8	31.5	14.8	314.0		
	21:20	3739	3759	10.1	29.3	14.9	314.0		
	21:30	3894	3896	8.42	27.0	14.2	313.8		
	21:40	4062	4067	6.7	24.8	13.8	315.4	" "	
	21:50	-	4186	4.9	22.5	14.0	315.9		
	22:00	4342	4357	3.3	20.3	14.5	315		Kure Frey
	22:10	4498	4510	1.4	17.8	14.2	315		
	22:20	4538	4562	38° 59' 7"	24° 15' 5"	14.8	313		
	22:30	4547	4569	57.8'	13.1	15.3	315		
	22:40	4678	4698	56.2'	10.7	15.5	319		
	22:50	4723	4744	54.4'	8.3	15.1	313		
	23:00	4753	4766	52.4'	5.7	15.2	319		
	23:10	4610	4678	50.8'	3.7	14.4	315		
23:20	4864	4880	49.1'	1.5	15.0	315			
23:30	4907	4929	47.3'	23° 59' 1" E	15.4	313			
23:40	4950	4968	45.4'	56.6'	14.7	319	" "		
23:50	5025	5056	43.6'	54.4'	14.8	315			
9.4.	00:00	5025	5063	41.9'	52.2'	15.0		315	
	00:10	5083	5070	41.5' S	51.6 E	14.9	313	Dana Oeller	



PS
 f (kHz) Pulse f (kHz) Registration Length (ms) Joint Reduc. (%) DEFO Rolle

diverses

4 2 40 266 0.0 0.0 0

4 2 40 266 0.0 0.0 0

" " " " " " "

22:08 Magnetband gewechselt
 # 42 → 43

Range auf 10.000m eingestellt!

22:00

22:30

23:00

23:30

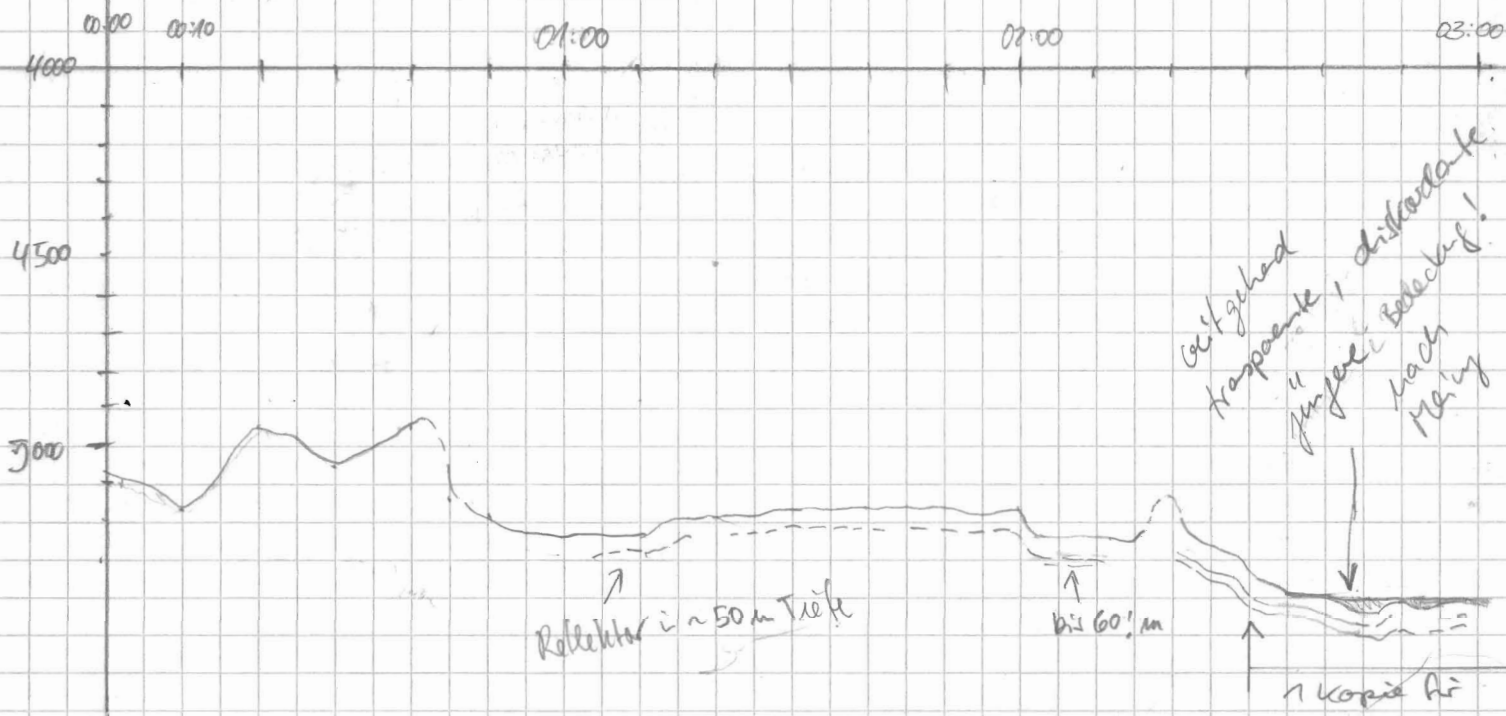
00:00

4500

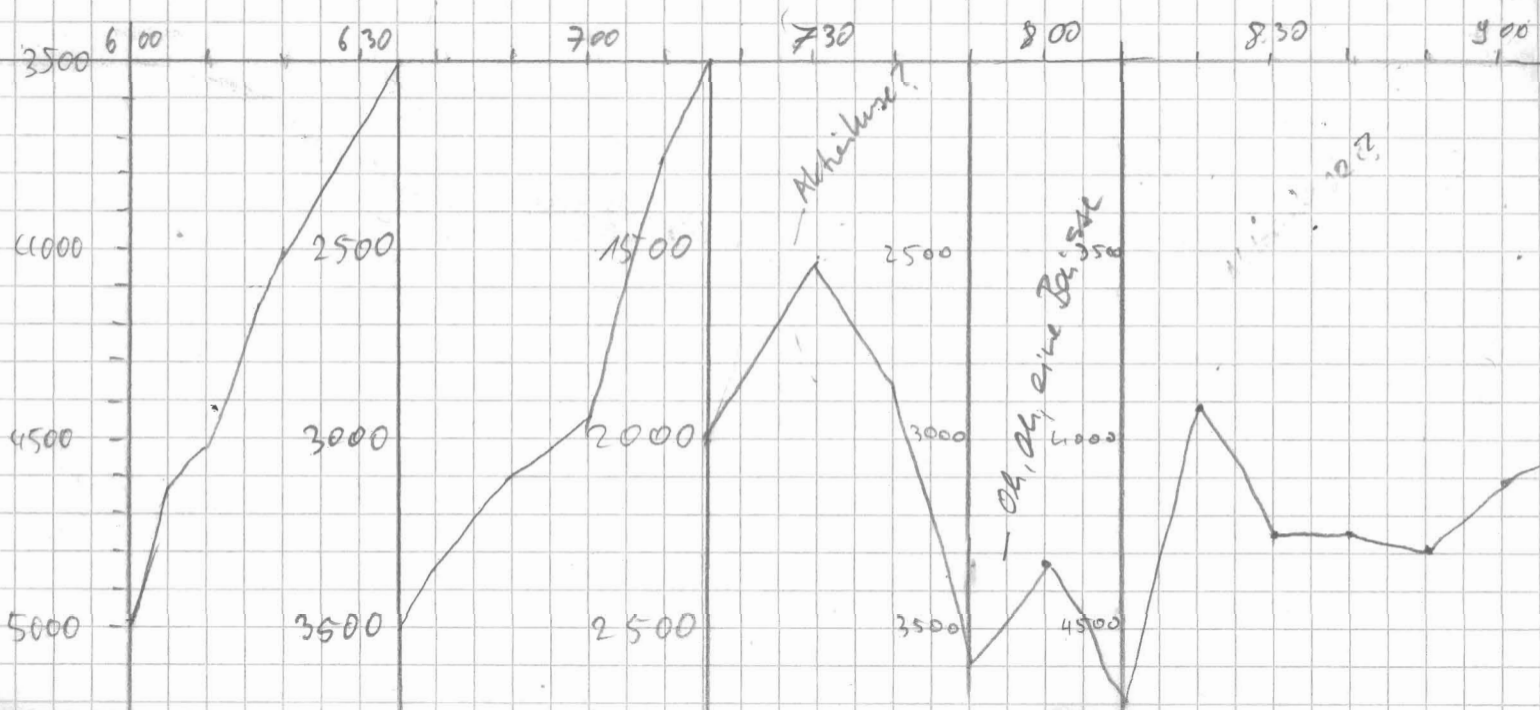
5000



Date	Time	PS [m]	US [m]	Lat [° ']	Lon [° ']	Speed	Course	Wach (??) gänger
9.4	00:10	5100	4900	38° 40.1 S	23° 49.7 E	15.2	312	D. Oelker
	00:30	5148	5030	36.9 S	45.3 E	15.2	314	"
	00:40	4948	4870	35.1 S	42.9 E	15.4	310	"
	00:50	4965	4800	33.3 S	40.4 E	15.7	311	"
	01:00	5184	5221	31.5 S	37.9 E	15.5	312	"
	01:10	5234	5240	29.9 S	35.7 E	14.1	315	"
	01:20	5183	5224	28.0 S	33.5 E	16.2	316	"
	01:30	5172	5226	26.3 S	31.0 E	15.6	311	"
	01:40	-	5207	24.6 S	28.7 E	15.7	314	"
	01:50	5140	5182	22.8 S	26.3 E	15.0	313	"
	02:00	-	5219	21.2 S	23.2 E	15.5	313	"
	02:15	5192	5244	18.8 S	21.1 E	15.0	316	"
	02:20	5216	5262	17.7 S	19.8 E	14.9	317	"
	02:30	5293	5333	16.0 S	17.6 E	15.1	313	"
	02:40	5321	5357	14.3 S	15.3 E	15.1	313	"
	02:50	5320	5357	12.7 S	13.1 E	14.3	312	"
	03:00	5327	5366	11.0 S	10.9 E	13.8	313	"
	03:10	5333	5367	09.3 S	08.7 E	14.3	316	"
	03:20	5337	5377	07.8 S	06.7 E	15.2	314	"
	03:30	5334	5376	06.0 S	04.3 E	14.1	314	"
	03:40	5336	5378	04.2 S	02.0 E	15.1	314	"
	03:50	5336	5372	02.6 S	00.0 E	14.1	316	"
	04:00	5337	5373	1.0	22° 57.9 E	14.2	313	B. Lauer
	04:10	5338	5387	37° 59.4 S	55.8	14.6	314	
	04:30	5337	5389	57.9	53.7	13.6	316	
	04:40	5303	5367	54.4	49.4	13.2	317	
	04:50	5305	5367	53.0	47.5	14.1	316	
	5:00	5327	5367	51.4	45.5	14.5	313	
	5:10	5364	5400	49.9	43.5	13.2	313	
	5:20	5340	5388	48.3	41.4	12.9	317	
	5:30	5329	5360	47.1	39.8	13.5	315	
	5:40	5285	5338	45.2	37.5	14.4	315	
	5:50	5198	5257	43.6	35.5	13.3	314	
	6:00	4855	4893	42.0	33.5	13.3	315	



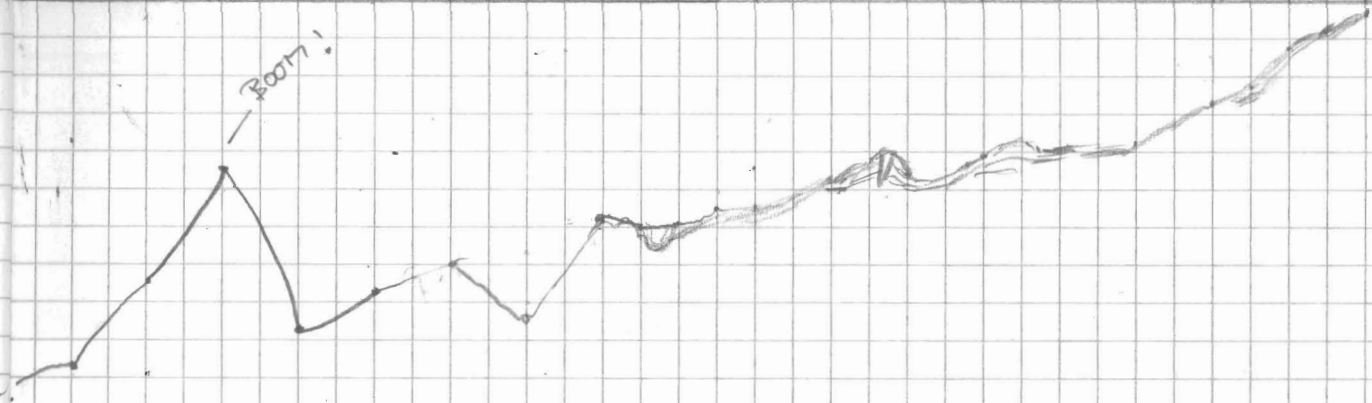
Date UTC	Time UTC	FS m	HS m	Lat	Lon	Speed kn	Kurs °	W. Gr.	PS
9.4.	06:00	4885	4893	37°42.0 S	23°33.5 E	13.3	315	B. Laser	
	6:10	4500	4553	40.5	31.5	13.8	314		
	6:20	3956	4048	38.8	28.5	14.3	315		
	6:30								
	6:40	-	3345	35.1	24.8	14.1	314		
	6:50	-	3088	34.2	23.5	13.8	313	B. Laser	
	7:00	8582	2960	33.0	21.5	13.8	311		
	7:10	-	2262	31.5	19.3	13.7	310		
	7:20	-	1766	29.8	17.2	15.1	318		
	7:30	-	1541	28.4	15.2	13.5	315		
	7:40	-	1852	26.8	13.0	14.7	314		
	7:50	7608	2600	25.4	11.3	13.9	317		
	8:00	3328	3349	23.9	08.7	14.6	317	H. Rindow	
	8:10	3719	3694	21.81	07.0	14.5	317		
	8:20	-	3831	20.26	05.1	14.6	316.5	h	
	8:30	3686	4260	18.65	03.1	14.4	317.1	h	
	8:40	4322	4249	17.08	01.03	13.6	314.7	h	
	8:50	4348	4294	15.58	58.9	13.8	310.2	h	
	9:00	4128	4101	14.13	56.8	13.6	307.2	h	
	9:10	3956	3992	12.69	54.5	13.5	309	h	
	9:20	3726	-	11.43	52.3	13.4	316	h	
	9:30	-	3459	10.15	50.2	13.4	304	h	
	9:40	3874	3891	8.82	47.9	13.2	304	h	
	9:50	3768	3772	7.59	45.7	13.0	307	h	
	10:00	3684	3704	6.34	43.5	12.7	308	h	
	10:10	3689	3830	5.4	41.4	12.8	317	F. Düwel	
	10:20	3575	3581	4.0	39.2	12.1	314	v	
	10:30	3596	3592	2.8	37.2	13	314	v	
	10:40	3531	3542	1.2	35.2	14	324	v	
	10:50	3485	3491	36 59.5	33.8	12.9	326	v	
	11:00	3580	3472	58.4	31.9	12.9	319	v	
	11:10	3402	3419	56.9	30.1	11.3	314	v	
	11:20	3392	3404	56.1	28.8	8.7	318	v	
	11:30	3381	3394	55.3	27.4	8.5	309	v	
	11:40	3262	3277	54.5	26.2	7.7	316	v	
	11:50	3116	3128	53.7	24.9	8.1	313	v	



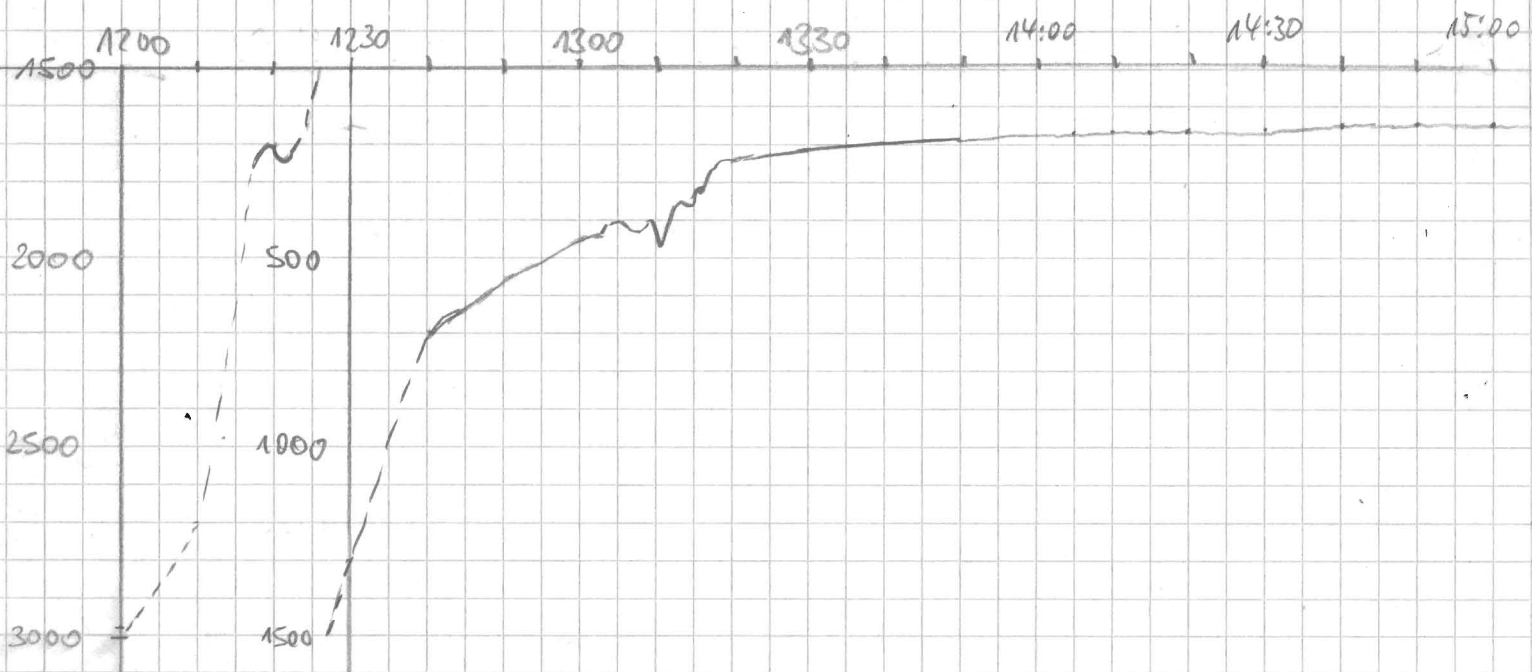
PS-Frequ kHz	Pulse	A-Frequ kHz	R-Len. ms	Wait s	Reala %	Deso Rolle	An & Be Markungen
4	2	40	266	0	0	6	Start of Continental Rise
4	2	40	286	0	0	6	Datenlücke da Thinkjet offline ging. Neustart erforderlich Bandwechsel 44 → 45

Bandwechsel 45-47

830 1000 1030 1100 1130 High Noon



DATE	UTC	PS [m]	HS [m]	LAT	CON	Spd UN	MUDS °	W.G.
9.4.	1200	3038	3031	36 52,7	21 23,7	8,8	314	Frank Zwein
	12 10	2706	2748	36 51,4	21 22,3	13,9	318	"
	12 20	-	1849	36 50,0	21 20,8	10,3	320	"
	12 30	-	1281	36 48,5	21 19,4	12,6	320	"
	12 40	1736	806	36 47,0	21 18,0	12,0	325	"
	12 50	568	565	36 45,5	21 16,5	11,7	322	"
	13 00	851	448	36 43,9	21 14,9	11,7	320	"
	13 10	-	470	36 42,1	21 13,2	12,6	322	"
	13 20	-	235	36 40,5	21 11,5	11,5	322	"
	13 30	209	208	36 38,9	21 09,8	12,4	320	"
	13 40	199,	198	36 37,3	21 08,0	12,4	320	"
	13 50	151	150	36 35,7	21 06,2	12,3	318	"
	14 00	184	186	36 34,1	21 04,3	13,1	318	"
	14:10	179	179	36 32,4	21 02,3	13,1	318,1	H. Hommers
	14:20	173	172	36 30,6	21 00,2	12,4	317,6	
	14:30	168	168	29,1	20 58,2	13,0	316,2	
	14:40	163	163	27,4	56,2	13,1	317,9	
	14:50	158	158	25,8	54,2	12,3	315,8	
	15:00	153	153	24,2	52,3	12,6	317,5	
	15:10	150	150	22,6	50,3	12,7	315,5	
	15:20	149	149	21,0	48,3	12,7	316,6	
	15:30	149	149	19,4	46,4	12,4	319,1	
	15:40	150	149	17,7	44,4	12,7	319,1	
	15:50	148	149	16,1	42,5	12,1	316,0	
	16:00	148	148	14,4	40,6	13,0	314,4	
	16:10	148	148	12,7	38,4	12,8	315,8	C. Dooniel
	16:20	150	150	11,1	36,6	12,6	316,1	
	17:30	154	153	09,4	32,3	8,9	226,0	
	17:52	159	157	36° 12,7 S	20° 28,1 E	10,8	218	
	18:10	165	165	15,8	26,4	12,5	216	J. Grigel
	:22	166	165	17,8	24,6	11,7	214	
	:30	177	170	19,2	23,3	12,4	223,7	
	:40	176	176	20,8	21,6	12,2	226	
	:50	184	182	22,5	19,5	12,8	226	
	19:00	190	188	24,0	17,7	12,7	225	
	:10	205	203	25,6	15,6	12,7	227,7	



PS-F	Pulse	R-Frq kHz	R-LEN ms	WAIT LS7	Reda %	Deso Rolle
------	-------	--------------	-------------	-------------	-----------	---------------

Bemerkungen

4	2	40	266	0	0	
4	2	40	266	0	0	6
	4					
	2					

Signal zeitweise verloren ---
kein Signal
System neu gestartet, da diverse Faults
Signal wiedergefunden

Range verstellt 13⁵³, dabei Profil verschieben
~14:02 Bandwechsel #47 → #48

15:36 Bandwechsel #48 → #49

16:25 Station Helicopter/Wt 30

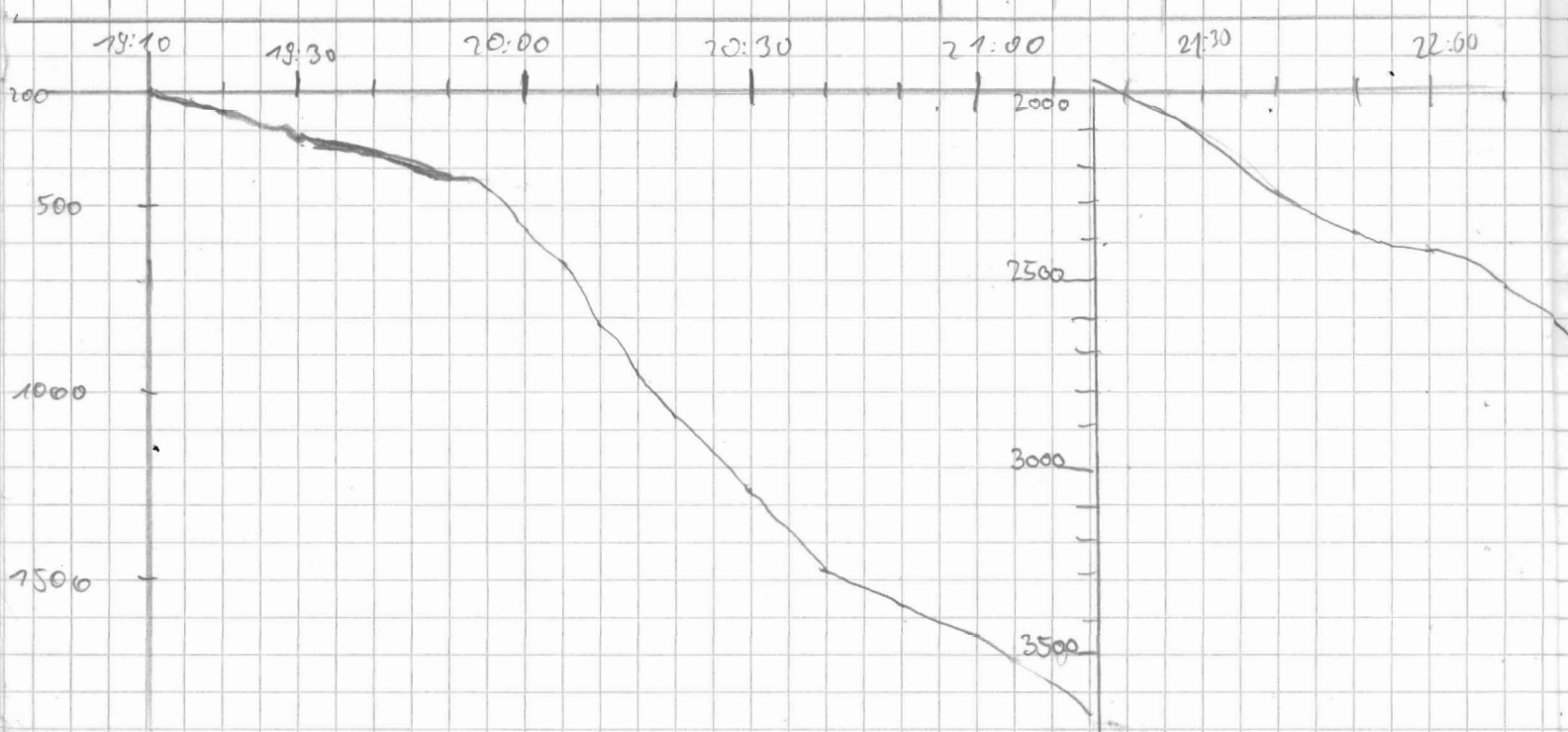
18:19 Bandwechsel #49 → #50

18:33 Pulse 2

15:30 16:00 16:30 17:30 18:00 18:30 19:00



Date	Time UTC	Depth		Lat.	Lon.	Speed	Course	O.G.	
		PS	NS						
9.4.94	19:20	242	238	36°27.3'S	20°13.5'E	13.2	225	J. Grjel	
	19:30	226	321	28.8	11.7	12.4	227		
	19:40	413	411	29.9	10.3	2.3	255		
	19:53	465	464	30.0	9.6	10.4	224		
	20:00	589	583	31.2	8.27	13	225		V. Bradhauer
	20:10	858	848	32.9	6.1	14	221.7		
	20:20	-	1059	34.5	4.3	13.7	222		
	20:30	-	1235	36.1	2.4	13.6	225		
	20:40	1227	1485	37.6	0.4	12.9	232		
	20:50	1462	1580	38.5	19°58.9	6.6	301.9		
	21:00	-	1633	39.1	58.2	9.5	223		
	21:10	1577	1795	40.6	56.3	12.8	223.6		
	21:20	-	1978	42.2	54.4	13.3	225.3		
	21:30	2121	2104	43.9	52.5	13	227.9		
	21:40	2255	2232	45.3	50.6	13.2	226.5	W. Michels	
	21:50	2386	2372	46.9	48.7	13.2	225.8		
	22:00	2448	2433	47.6	47.8	2.7	254.2		
	22:10	2530	2512	48.6	46.5	12.2	224.9		
	22:20	2665	2640	50.1	44.6	13.5	223.7		
	22:30	2787	2763	51.7	42.6	14.1	223.9		
	22:40	2915	2879	53.3	40.7	13.9	223.5		
	22:50	3016	2990	55.0	38.8	14.1	225.7		
	23:00	3270	3236	56.3	37.0	6.4	234.6		
	23:10	3291	3258	56.7	36.8	5.7	223.9		
	23:20	3402	3363	58.0	35.2	13.9	224.3	David Völk	
	23:30	3597	3558	59.7	33.1	13.7	224.5		
	23:40	3687	3645	37° 01.2	31.2	14.3	225.4		
	23:50	3722	3679	02.6	29.2	13.4	227.9		
10.4	24:00	3490	3563	04.2 S	27.1	14.0	222.8		
	00:10	2947	3993	05.5 S	25.7E	2.4	"		
	00:20	3668	4003	06.0 S	24.9	12.8	226.3		
	00:30	3240	4183	07.3 S	23.3E	14.0	227.2		
	00:40	-	4263	08.9 S	21.2E	14.0	227.6		
	00:50	4117	4368	10.4 S	19.2E	13.6	227.7		
	01:00	4031	4387	12.5 S	16.6E	13.3	222.1		



PS

Registrierung

freq	Pulse	Freq	Length	Wait	Red.	DESO
41	2	40	266	0	0	6

Aussetzen Drifter
DESO-Ränge 1000

Bandwechsel v. 50 auf 51

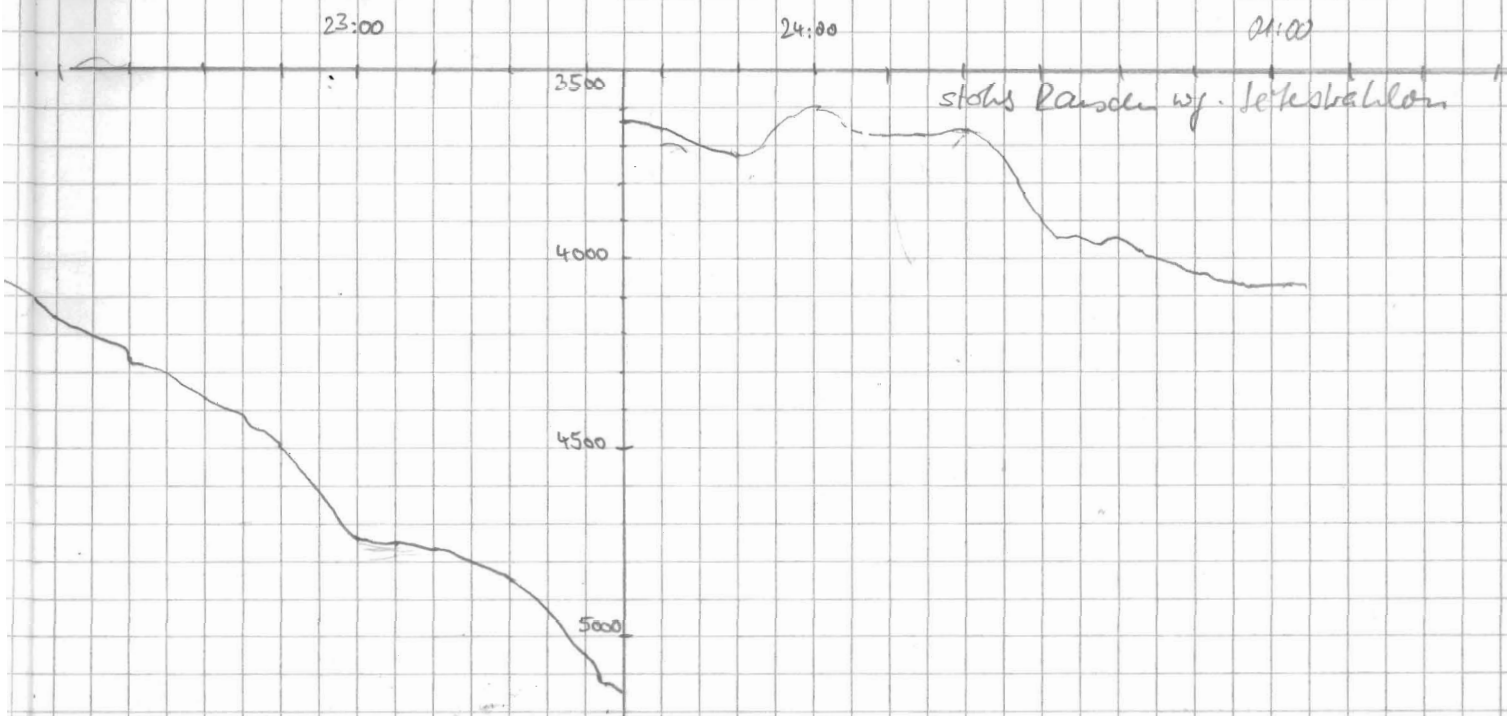
Drifter

Drifter aussetzen 21:57
"

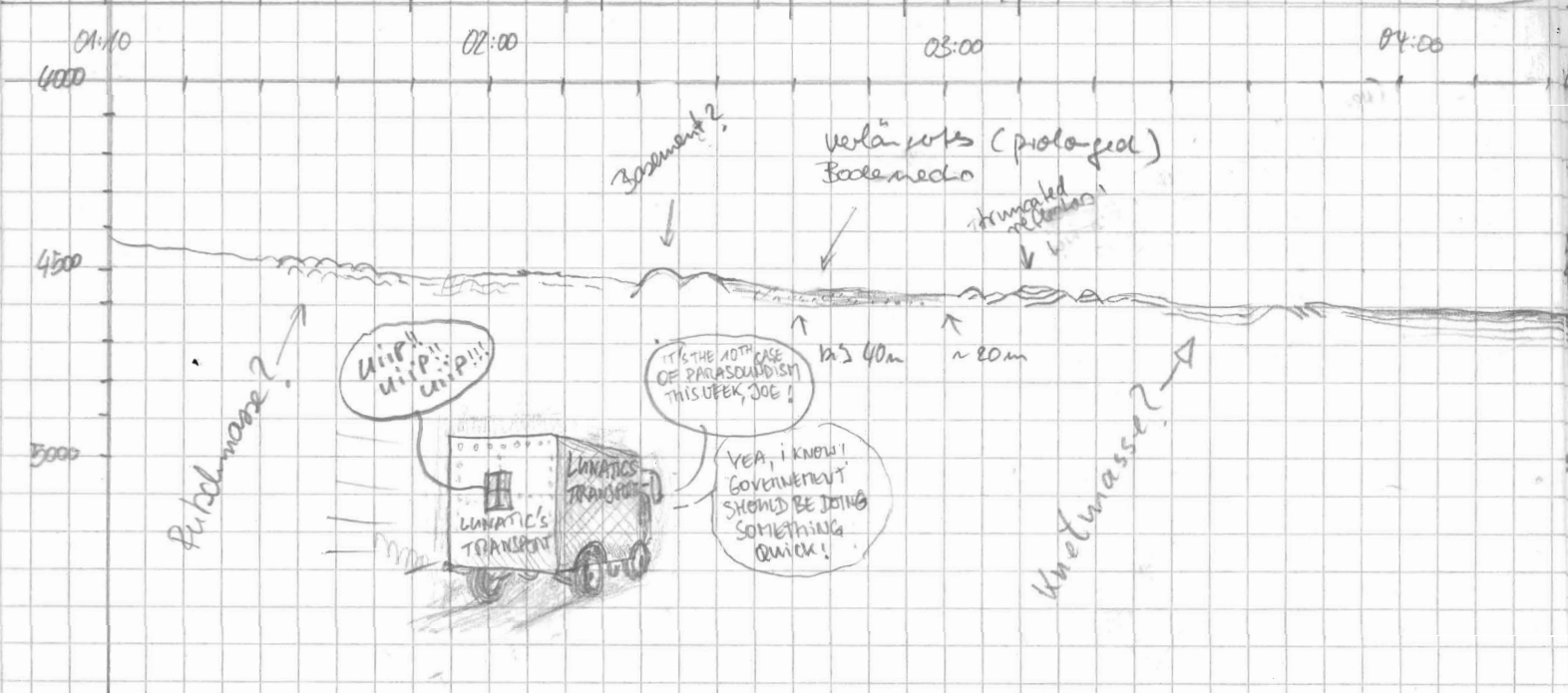
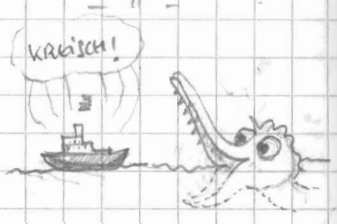
Drifter aussetzen 23:03

Drifter aussetzen 00:10
große Differenz zwischen HS & PS
HS zeigt zu tiefe Werte, PS

1:00 WEXEL TAPE 51 → 52



DATE	TIME	FS [m]	HS [m]	LAT [°S]	LONG [°E]	SPEED [km/h]	COURSE [°]	MAGIC PATHFINDER
10.04	01:10	4429	4425	37° 13.6 S	190° 15.4 E	14.3	225.7	D. VÖLLER
	01:20	4462	4457	14.3 S	14.7 E	2.2	194.3	"
	01:30	4474	4476	15.1 S	13.5 E	13.7	223.4	"
	01:40	4486	4485	16.7 S	11.5 E	14.4	228.7	"
	01:50	4501	4502	18.3 S	09.5 E	14.1	229.1	"
	02:00	4531	4526	20.0 S	07.4 E	13.8	229.1	"
	02:10	4533	4532	21.5 S	05.4 E	14.5	224.7	"
	02:20	4588	4576	23.14	03.5 E	3.2	224.3	"
	02:35	4560	4579	24.3 S	01.8 E	14.4	226.3	"
	02:40	4572	4571	25.2 S	00.8 E	14.5	227.1	"
	02:50	4586	4588	26.7 S	180° 58.8 E	14.2	227.4	"
	03:00							"
	03:10	4613	4599	30.1 S	54.8 E	14.0	224.0	"
	03:20	4614	4612	31.6 S	52.8 E	14.0	223.0	"
	03:30	4614	4614	32.2 S	52.2 E	4.8	240.5	"
	03:45	4610	4612	34.7 S	49.0 E	14.2	224.0	"
	03:50	4613	4610	35.4 S	48.1 E	13.7	226.0	"
	4:00	4616	4610	36.6	46.7	13.9	224	B. Lase ✓
	4:10	4624	4623	38.6	44.2	14.2	225	
	4:20	4635	4633	40.2	42.3	9.0	224	
	4:30	4638	4642	40.7	41.7	1.5	211	
	4:40	4643	4645	41.5	40.5	13.6	229	
	4:50	4651	4650	43.2	38.4	13.9	223	
	5:00	4655	4649	44.8	36.4	14.3	229	
	5:10	4659	4663	46.4	34.3	14.4	228	
	5:20	4663	4663	48.1	32.2	14.1	227	
	5:30	4666	4665	49.6	30.3	7.5	227	
	5:40	4667	4669	50.0	28.9	7.1	204	
	5:50	4671	4681	51.9	28.8	14.8	206	



Registrierung

Freq	Puls	Freq	Länge	Zeit	Red.	DESO
4	2	40	660	0	0	0

BESCHWERDEN ODER GAS ??

01:10 Driftboje ansetzen!
Starkes Rauschen

03:10 abgeschnittene (truncated) Reflectors. Wir befinden uns in der "erosional core zone" von Tscholhu & Kinsky

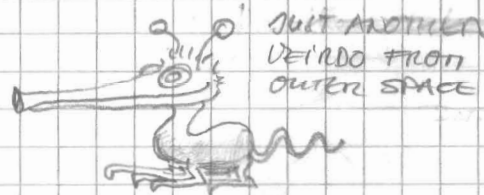
03:20 Driftboje wird angesetzt. (1984)
Starkes Rauschen

Und wieder eine dieser Nächte...
Eine neue Herausforderung für
Max Amplitude und seinen
Ereignis knorpen Window!
Driftboje
Neues Papier für den Thinkjet ein-
gedruckt - Wieso kann man Tabelle nicht
mehr abschalten ???

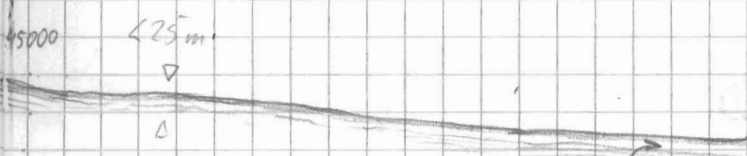
Bandwechsel 52 -> 53

Driftboje

uip uip uip
uip uip uip... usw. usw.
(USSTRATEGIE TONFOLGE)



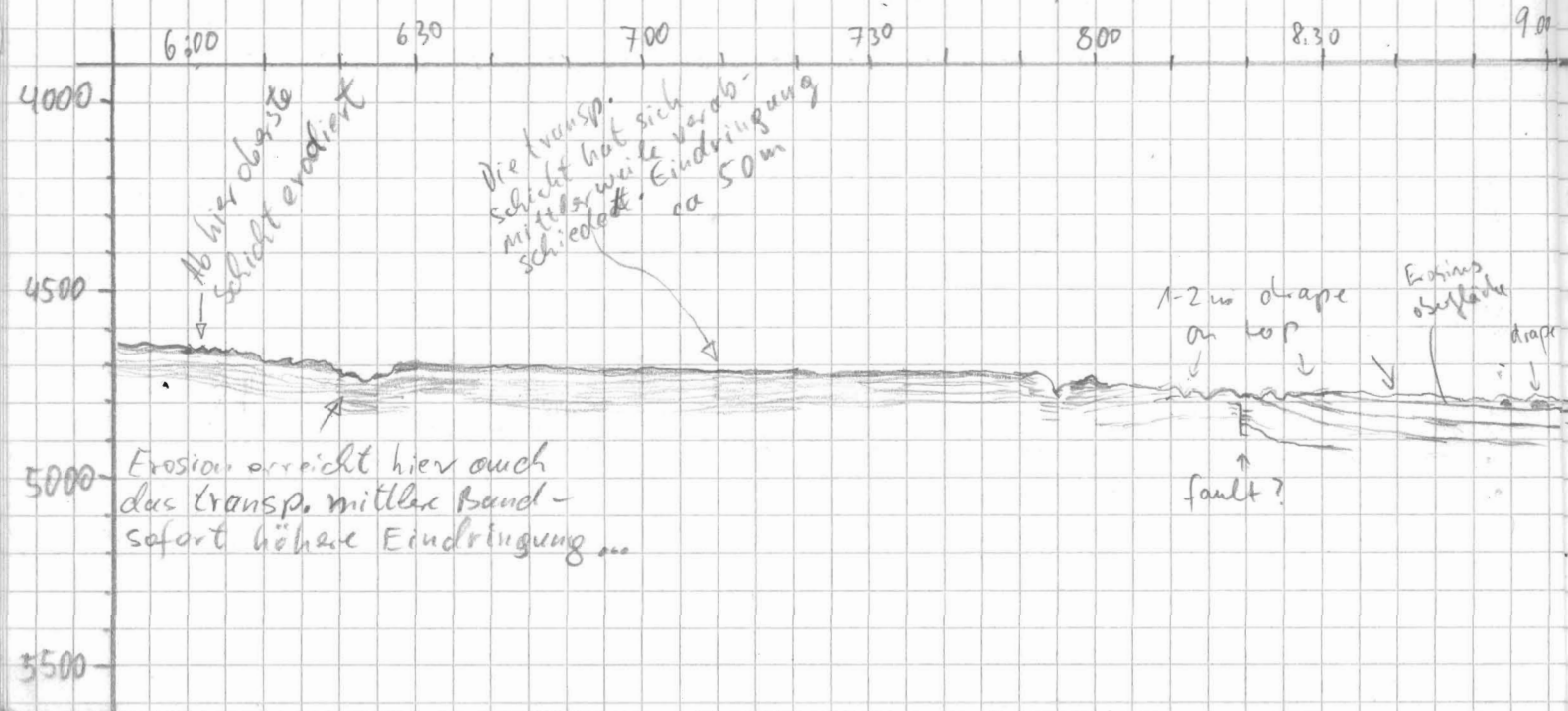
450 500 530 600



Etwas tiefer liegende
A-Gruppe bis ca 50m

deutl. transp.
Band

Date UTC	Time UTC	Depth [m]		Position		Ship		Watch Dog
		DS	HS	Lat	Lon	Speed [kn]	Course [°]	
10.9.	6:00	4677	4677	37°54.1 S	18°27.5 E	14.7	206.2	B. Laser
	6:10	4686	4687	56.3	26.2	14.7	207.4	
	6:20	4700	4716	58.4	24.8	14.4	205.3	
	6:30	4701	4709	38° 00.5 S	23.7	14.3	204.4	
	6:40	4707	4705	2.6	22.4	14.6	206.2	
	6:50	4714	4719	4.7	21.1	14.8	206.4	
	7:00	4715	4711(!)	6.8	19.8	14.6	205.4	
	7:10	4723	4731	8.4	18.5	14.4	204.2	
	7:20	4730	4736	11.3	17.3	14.6	204.8	
	7:30	4735	4738	13.3	15.3	14.3	207.7	
	7:40	4740	4741	15.4	14.7	13.9	212.5	
	7:50	4746	4757	17.2	13.4	14.3	208.4	
	8:00	-	4782	19.4	11.9	14.0	208.7	
	8:10	4782	4784	21.5 S	10.7 E	14.3	205.6	F. Neissen
	8:20	4785	4801	23.9	09.2	14.1	206	"
	8:30	4786	4803	25.7 S	08.15	14.5	206	"
	8:40	4790	4803	27.9 S	06.81	14.4	205	"
	8:50	4797	4801	29.8 S	05.69 E	14.1	204	"
	9:00	4799	4810	32.0 S	04.3 E	14.0	205	"
	9:10	4803	4815	34.1 S	03.0 E	13.7	206	"
	9:20	4811	4820	36.6 S	01.3 E	13.7	207	"
	9:40	4836	4844	38° 40.5 S	17° 58.4 E	13.7	209	"
	9:50	4836	4844	42.1 S	57.2 E	13.7	210	"
	10:00	4847	4861	44.0 S	56.6 E	14.1	208	"
	10:10	4846	4867	45.94	54.7	14.2	205	H. Badow
	10:20	4846	4856	47.96	52.84	14.1	204	"
	10:30	4848	4860	50.03	51.53	13.9	206	"
	10:40	4851	4859	52.13	50.23	14.5	203	"
	10:50	4854	4872	53.41	48.03	13.5	205	"
	11:00	4858	4878	55.14	46.55	13.3	205	"
	11:10	4862	4887	57.05	45.27	13.8	205	"
	11:20	4866	4889	58.99	43.97	13.6	203	"
	11:30	4869	4903	39° 00.97	42.73	13.5	199	"
	11:40	4874	4914	03.00	41.77	13.6	197	"
	11:50	4885	4922	05.23	41.16	13.9	192	"
	12:00	-	4936	07.37	40.37	14.2	192	"



Parasound		Registrierung				DESO	Uuel sonst?
f [kHz]	Pulse	f [kHz]	Len [ms]	Wirt [S]	Red. [%]	ROLLE	
41	2	40	260	0	0	6	6 Uhr: Ein Ei, ein Bier bitte.

Fenster verstellt! ☹️

9:45 Bandwechsel #53 → #54

9:30

10:00

10:30

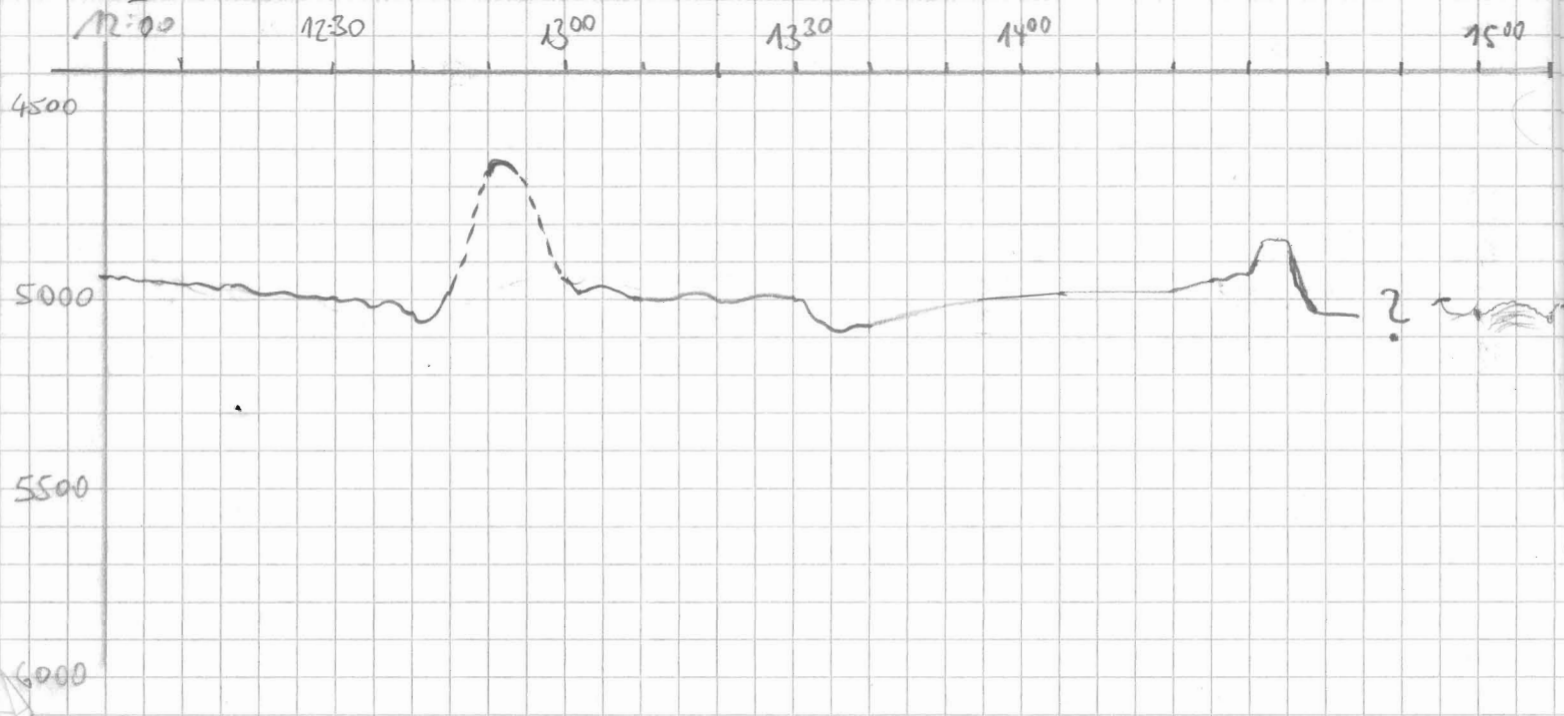
11:00

11:30

12:00



Date	Time	Depth [m]		Position		Ship		Water Dog
		DS	MS	Lat	Lon	Speed	Course	
10.4.	12:10	4910	4938	39 09.6	17 39.1	14.6	193	Frank Zwein
10.4.	12:20	4965	4981	39 11.9	17 38.4	14.7	193	"
10.4.	12:30	4980	5001	39 14.1	17 37.7	14.0	193	"
10.4.	12:40	5001	5025	39 16.4	17 37.0	14.0	186	"
10.4.	12:50	4004	4686	39 18.7	17 36.3	14.7	191	"
10.4.	13:00	4144	4962	39 20.8	17 34.9	14.7	211	"
10.4.	13:10	4985	4992	39 23.0	17 33.4	15.1	210	"
10.4.	13:20	5012	5022	39 24.9	17 32.0	15.0	208	"
10.4.	13:30	5013	5032	39 26.9	17 30.7	15.0	205	"
10.4.	13:40	4568	5131	39 29.0	17 29.3	14.9	205	"
10.4.	13:50	5022	5060	39 31.0	17 28.0	15.0	206	
"	14:00	5000	5029	39 31.2	17 26.7	14.4	205	R. Blamann
"	14:10	4962	4986	35.1	25.6	14.0	205	
"	14:20	4953	4982	37.1	24.4	15.0	205	
"	14:30	4986	4999	39.0	23.0	14.7	205	
"	14:40	4967	5045	41.4	21.8	14.3	205	
"	14:50		4899	43.7	20.4	15.1	205	
"	15:00	5009	5037	45.6	19.3	14.6	205	
"	15:10	5004	5040	47.6	18.1	14.6	207	
"	15:20	5021	4992	49.7	16.8	14.1	205	
"	15:30	4963	4994	51.7	15.5	14.3	206	
"	15:40	4953	4981	53.8	14.2	14.6	209	
"	15:50	4929	4970	55.8	12.7	14.8	205	
"	16:00	4918	4965	58.0	11.6	14.1	205	
"	16:10	4916	4972	59.9	10.3	14.8	205.4	H. Hommers
	16:20	—	5070	40 02.0	08.9	14.5	207.7	
	16:30	—	5033	04.1	07.7	14.1	204.1	
	16:40	—	5025	06.1	06.5	13.7	203.1	
	16:50	4958	4986	08.2	05.3	14.4	204.6	
	17:00	4940	4978	10.3	03.9	14.0	205.9	
	17:10	4953	4991	12.3	02.6	13.6	205.9	
	17:20	4156	4938	14.3	01.4	14.1	207.5	
	17:30	4930	4951	16.2	00.1	14.4	205.2	
	17:40	5007	5050	18.2	16 58.9	13.6	206.1	
	17:50	5073	5088	20.2	57.7	14.3	207.4	
	18:00	5096	5103	22.1	56.4	14.1	205.8	C. Damit



Bandwidth
f [kHz] Pulse

Registration
f [kHz] L [ms]

wait (s)

Red [%]

Deso
Rolle

Frage? ^{Y menot scopp} ~~Bonyoc?~~
Ipe nazogumca zma vyus?

6

=> 10.000 m

Signal kurz verloren: Hang => 5000m

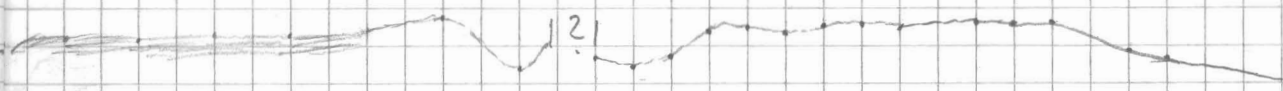
14:05 Bandwechsel 54 -> 55

~16:15 Rolle 6 -> Rolle 7

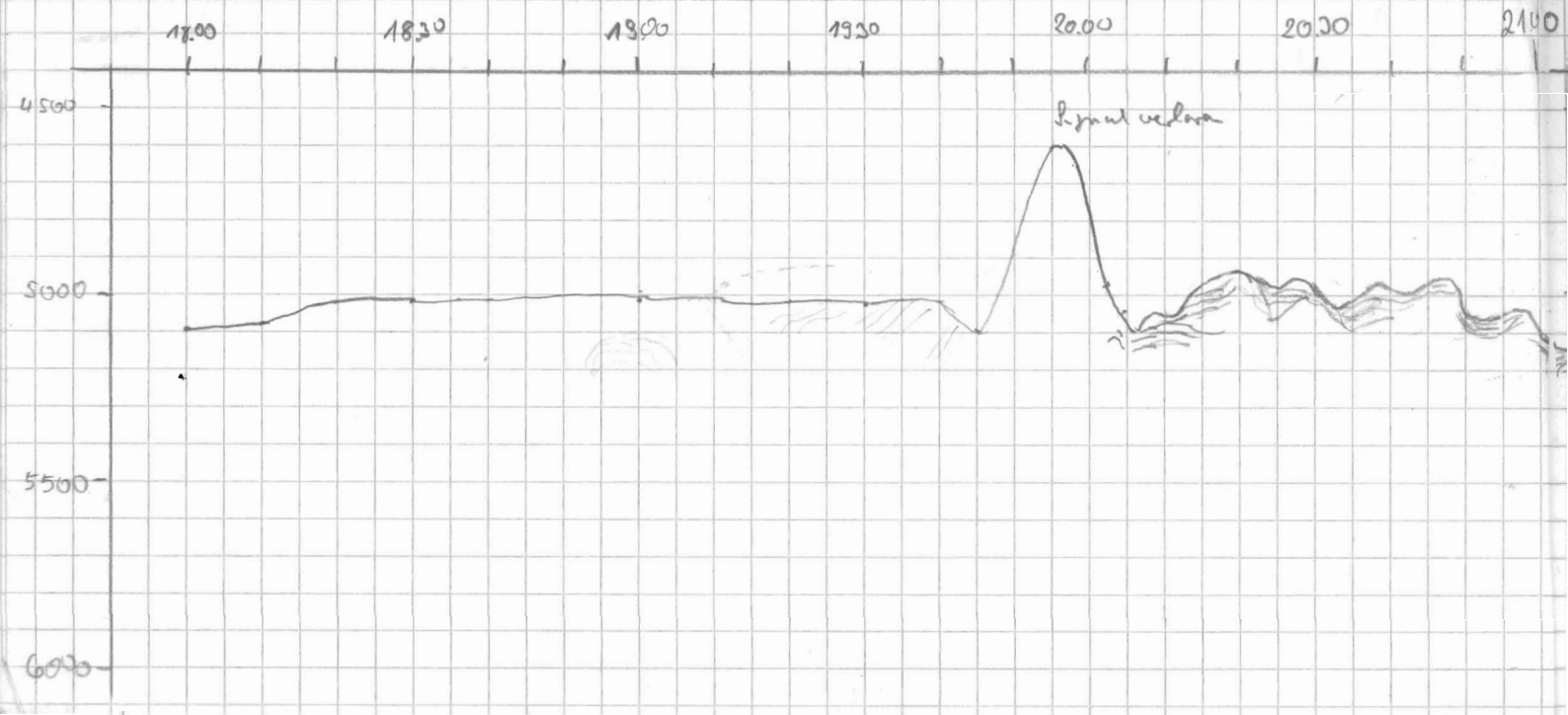
7 16:24 - 16:30 Signal verloren: stark Hang

17:44 - 17:46 Signal verloren

19:20 30 40 50 16:00 16:30 17:00 17:30 18:00



DATE	TIME	DEPTH [m]		POSITION		SHIP		Watch Dog
		PJ	HS	LAT	Lon	SPEED	COURSE	
10.4.	18:10	0	5055	40° 24,2	16° 55,1	13,2	204,7	C. Damiel
"	18:20	0	5014	26,5	53,7	13,0	206,8	
"	18:30	4998	5017	28,1	52,7	13,2	205,5	
"	18:40	4892	5007	30,0	51,5	13,6	207,2	
"	18:50	4874	5004	31,8	50,2	13,5	206,0	
"	19:00	4871	5017	33,9	49,0	13,8	204,8	
"	19:10	4858	5000	35,8	47,9	14,8	202,8	
"	19:20	50110	5013	37,8	46,7	12,8	204,2	
"	19:30	5020	5070	39,7	45,5	13,6	206,1	
"	19:40	5025	5072	41,7	44,2	13,4	207,2	
"	19:50	0	5061	43,6	42,9	13,2	208,0	
"	20:00	0	4589	45,6	41,6	13,8	207,6	
"	20:10	5032	5069	47,7	40,4	13,4	205,7	H. SCHOTTMÜLLER
"	20:20	-	4977	49,6	39,2	13,4	206,9	
"	20:30	4869	5014	51,6	37,9	13,7	206,0	
"	20:40	4978	5019	53,6	36,7	13,3	205,3	
"	20:50	-	5088	55,6	35,6	13,4	204,6	
"	21:00	-	5113	57,5	34,5	13,6	203,9	
"	21:10	5192	5240	59,6	33,4	13,4	203,4	
"	21:20	4873	4951	41° 01,6	32,2	13,5	205,5	
"	21:30	-	4971	03,5	30,9	13,4	207,1	
"	21:40	5030	5079	05,4	29,7	13,5	206,8	
"	21:50	4741	4798	07,4	28,4	13,7	206,5	
"	22:00	4631	4762	09,2	27,2	13,5	205,8	V. Drahtauer
"	22:10	4739	4827	11,1	25,9	13,1	206,3	"
"	22:20	-	4991	13,09	24,7	13,2	205,5	"
"	22:30	-	4973	14,9	23,5	13,0	205,9	"
"	22:40	4849	4940	16,9	22,3	12,9	206,5	"
"	22:50	4885	4952	18,8	21,1	13,7	205,6	"
"	23:00	4953	5031	20,5	19,6	12,7	234	"
"	23:10	-	5184	21,7	17,4	12,9	235,7	"
"	23:20	-	5169	22,8	15,1	13,2	237	"
"	23:30	5099	5168	24,1	12,8	14,2	234,2	"
"	23:40	5256	5314	25,3	10,9	12,9	230,6	"
"	23:50	5256	5297	26,6	8,9	12,9	231	"
11.04	24:00	-	4989	28,2	6,2	12,4	230	"



Parasound

f [kHz]	Pulse	f [kHz]	Länge [ms]	Wart [s]	Red [%]	Diso Rolle
---------	-------	---------	------------	----------	---------	------------

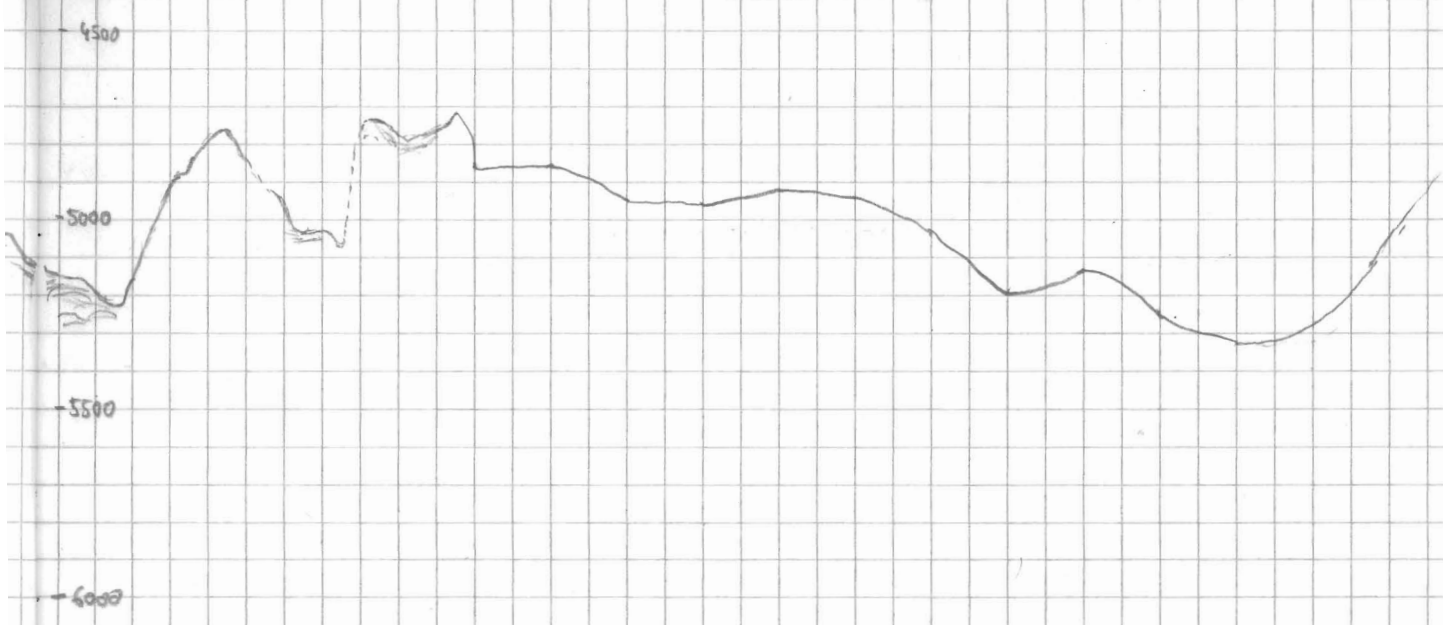
Wat nu?

4	2	40	266	0	0	7
---	---	----	-----	---	---	---

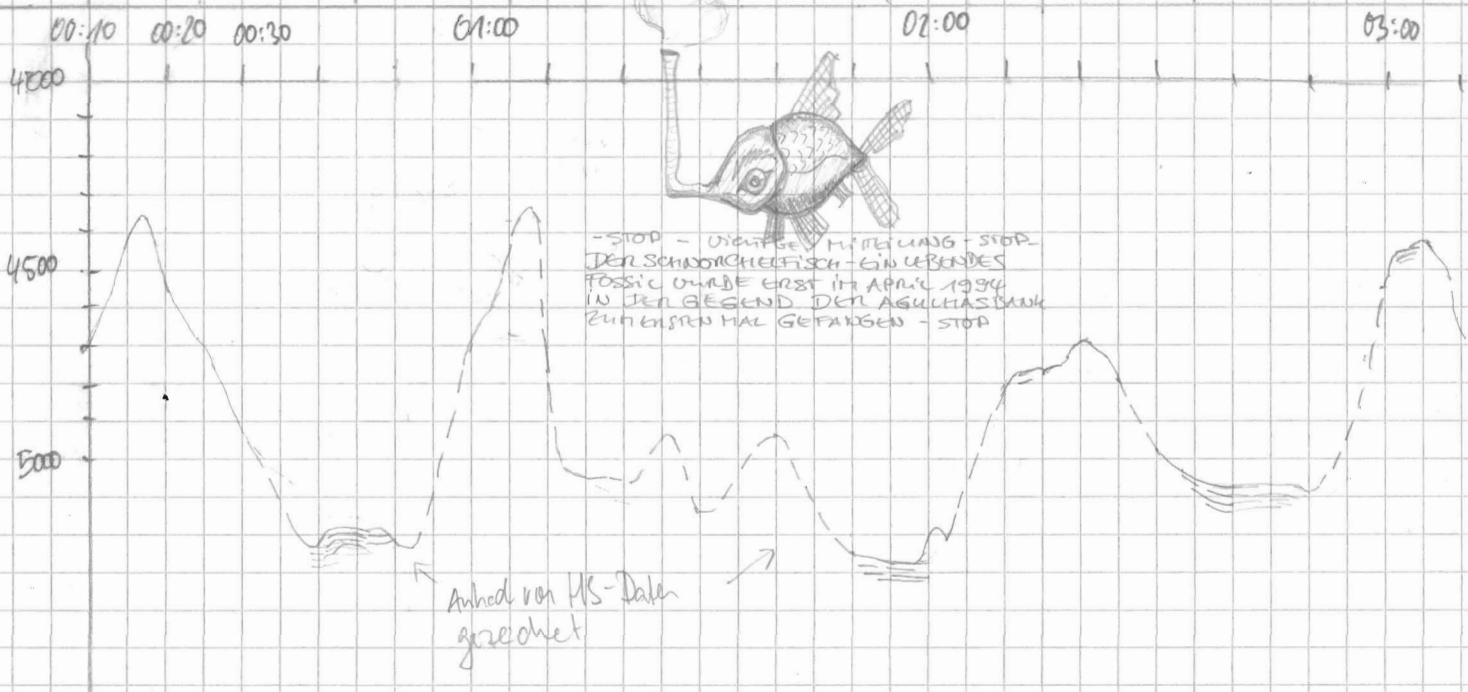
18.20 neues Band 55 → 56

Band 56 auf 57 22:40

19 0 21.30 22.00 22.30 23.00 23.30 24.00



DATE	TIME	DEPTH (m)		LAT	LON	SPEED	COURSE	Watch	Dog
		PS	HS						
11.04	00:10	4208	4699	41° 29.6 S	16° 03.9 E	12.6	234	Daniel Weller	
	00:20	4325	4566	30.4 S	02.5 E	12.6	233		
	00:30	-	5076	31.6 S	00.3 E	12.4	232		
	00:40	-	5177	32.8 S	15° 58.2 E	12.4	234		
	00:50	5199	5218	33.9 S	56.1 E	12.6	235		
	01:00	5203	4697	35.1 S	53.8 E	13.4	236		
	01:10	-	4786	36.5 S	51.3 E	13.0	231		
	01:20	5082	5077	37.7 S	49.3 E	13.3	232		
	01:30	4443	5159	39.1 S	46.9 E	14.2	235		
	01:40	4816	4816	40.4 S	44.6 E	13.5	231		
	01:50	5216	5204	41.7 S	42.5 E	14.2	232		
	02:00	5287	5249	43.0 S	40.3 E	12.6	232		
	02:10	4858	4834	44.5 S	37.7 E	13.6	233		
	02:20	4688	4640	45.5 S	35.6 E	13.4	232		
	02:30	4970	4961	46.9 S	33.3 E	13.7	232		
	02:40	5086	5077	48.2 S	31.2 E	12.5	229		
	02:50	-	5115	49.5 S	28.3 E	12.7	231		
	03:00	-	4557	50.7 S	26.7 E	13.4	233		
	03:10	-	4940	52.0 S	24.4 E	13.1	233		
	03:20	4869	4907	53.3 S	22.2 E	12.8	231		
	03:30	-	4659	54.6 S	19.9 E	13.4	236		
	03:40	4642	4680	55.9 S	17.7 E	13.5	237		
	03:50	-	4280	57.2 S	15.4 E	13.0	233		
	04:00	-	4730	58.5	13.3	13.1	232		B. Laser
	4:10	4738	4834	59.9	11.0	13.2	231		
	4:20	5031	5066	42° 01.1 S	8.7	13.3	234		
	4:30	4388	4377	2.4	6.6	13.0	232		
	4:40	-	4671	3.7	4.3	13.2	236		
	4:50	-	4572	4.9	2.1	12.9	234		
	5:00	4591	4588	6.2	14° 59.9 E	12.4	233		
	5:10	4998	4888	7.5	57.8	12.8	234		
	5:20	-	4809	8.7	55.7	12.9	234		
	5:30	4734	4687	9.9	53.5	13.1	233		
	5:40	4744	4732	11.1	51.4	12.4	234		
	5:50	5025	5024	12.3	48.3	12.3	234		

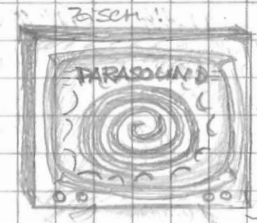


BEITRÄGEN

AN EINER NACHT VON SONNTAG AUF MONTAG,
DA PASSIERTE ES...

PARASOUND		Reparatur			Red	Iso-Rolle
Frequenz [kHz]	Pulse	Frequenz	Länge	Zeit		
4	2	40	266	0	0	7

PENG!

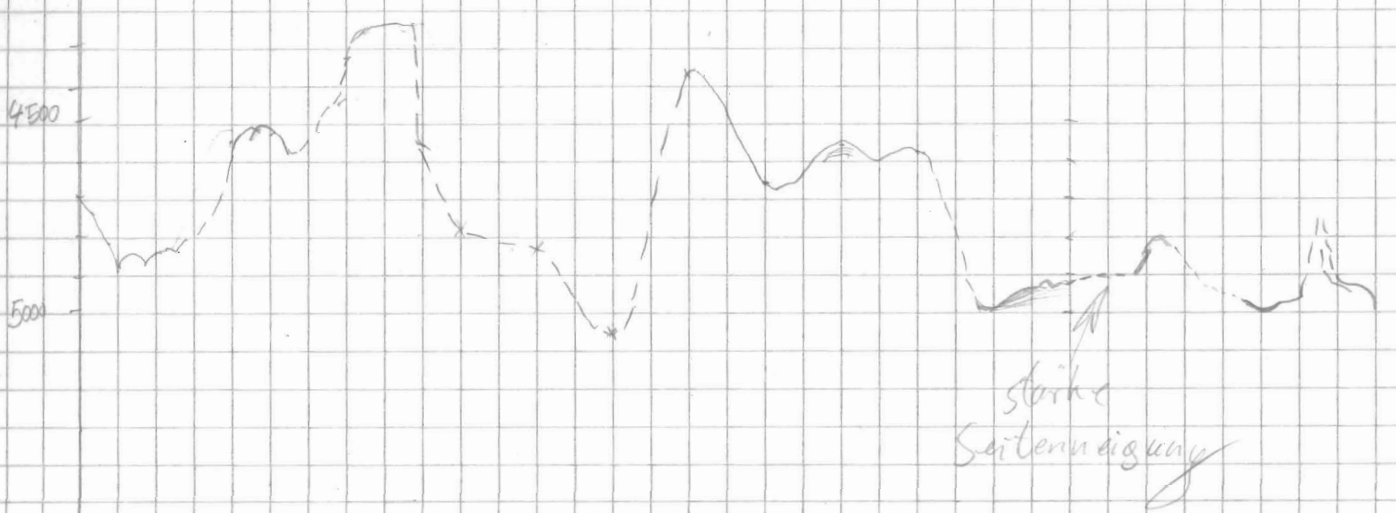
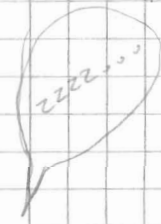


DU WIRST TUN WAS
ICH SAGE... ICH
BIN DONN HERR
UND MEISTER...
DU WIRST TUN WAS
ICH SAGE... ICH BIN
DONN HERR UND MEISTER
DU WIRST...

SCHÖNE KASTEN EINFACH AUF FÜR...
- AUS DEN SCHNITT: KUNSTGESCHICHTEN, DIE DAS LEBENSCHREIB -

01:10-01:30 schwaches Signal

02:56 Radwechsel # 57 → 58



Date UTC	Time UTC	Depth PS	Depth HS	Position Lat	Position Lon	Speed	Course	Wehe der Idie pennt...
11. 4.	6:00	-	5016	42° 13.4 S	14° 47.3 E	12.4	235	Bernad Leaser
	6:10	-	4389	14.7	45.1	12.5	234	
	6:20	-	4649	15.9	42.9	12.8	234	
	6:30	4882	4873	17.2	40.6	12.6	232	
	6:40	4066	4123	18.4	38.3	12.5	239	
	6:50	-	4661	20.1	35.7	12.9	233	
	7:00	4871	4971	21.0	34.0	13.1	233	
	7:10	4768	4760	22.1	31.7	13.3	232	
	7:20	5065	5045	23.5	29.3	13.4	233	
	7:30	-	4948	24.8	26.9	13.1	230	
	7:40	-	4483	26.1	24.6	13.6	230	
	7:50	-	4868	27.6	22.4	13.1	224	
	8:00	5076	5041	29.1	19.9	13.2	234	Gerehard Schmiedl
	8:10	-	4952	30.2	17.6	13.1	234	
	8:20	(4773)	4730	31.5	15.12	13.6	231	
	8:30	-	4625	33.0	12.7	13.5	231	
	8:40	4647	4634	34.4	10.3	14.3	232	
	8:50	4621	4601	35.8	07.8	14.0	232	
	9:00	-	4306	37.3	05.4	13.9	231	
	9:10	(4583)	4535	38.7	02.9	13.6	232	
	9:20	4548	4536	40.1	00.4	14.5	234	
	9:30	4442	4436	41.5	58.0	14.0	230	
	9:40	4333	4316	42.9	55.5	13.6	232	
	9:50	4113	4100	44.2	53.1	13.4	234	
	10:00	-	4583	45.5	50.6	14.1	233	
	10:10	-	4645	46.8	48.1	13.1	233	Carren Jung
	10:20	4728	4727	48.3	45.6	12.1	231	
	10:30	-	4799	49.6	43.2	13.6	234	
	10:40	-	4852	51.2	38.9	13.8	232	
	10:50	-	4950	52.4	38.1	14.0	231	
	11:00	4802	4814	53.7	35.5	13.7	229	
	11:10	4728	4749	55.2	33.4	14.4	229	
	11:20	4704	4801	56.6	31.1	13.4	230	
	11:30	4358	4374	57.9	28.8	13.7	232	
	11:40	4691	4698	59.3	26.4	14.0	232	
	11:50	4713	3859	43° 01.1	13 23.4	13.9	231	



Datennormal		Paradigma				Dso	
f [kHz]	Pulse	f [kHz]	Len [ms]	Wait [s]	Red [P]	Rolle	

4	2	40	266	0	0	7	Wo ist Paul E. Pop?
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Bandwechsel 58 -> 59

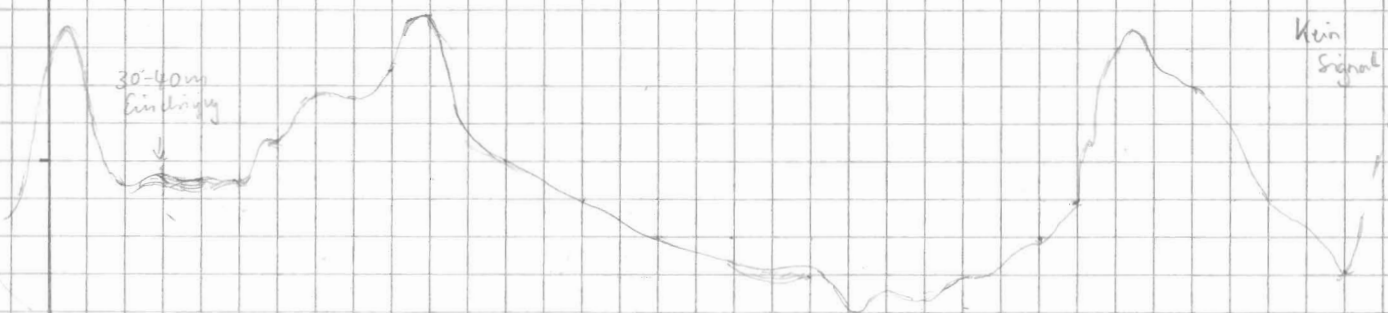
4	2	40	266	0	0	7
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Dig. Depth gate	4750m
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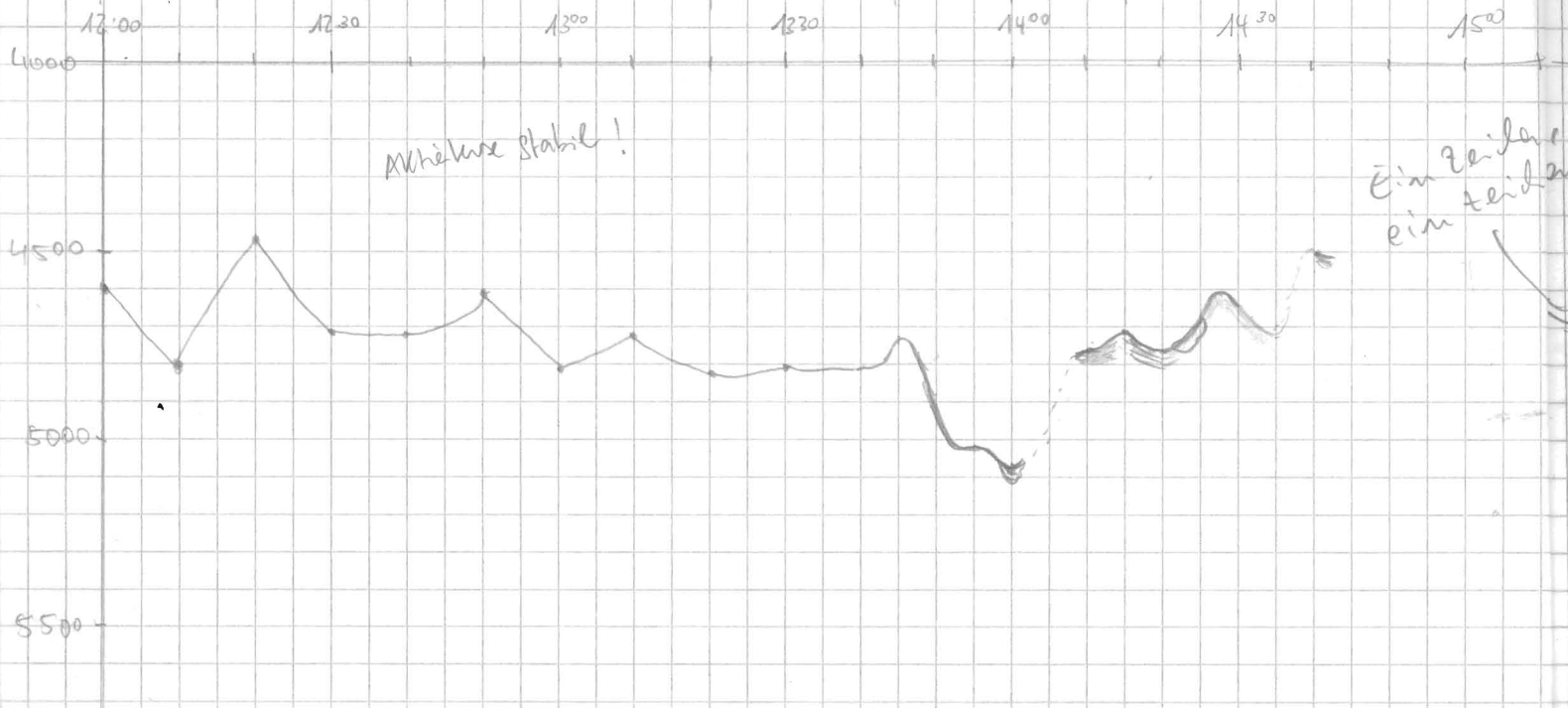
(ope status Fehler 128 / Writeblock)

Bandwechsel 59 - 60

9 00 9 50 10 00 10 30 11 00 11 30 12 00



Date UTC	Time UTC	Depth		Position		Speed	Course	hier wird nicht gezeichnet!!!
		PS	HS	Lat	Long			
11.4.	12:00	3864	4595	02,1	71,5	14,2	232,	
	12:10	4786	4788	03,40	19,15	13,9	233	A. Rudo
	12:20	3890	4458	04,80	16,61	14,2	233	
	12:30	3887	4718	06,18	14,22	13,9	231	
	12:40	3876	4730	07,56	17,30	13,1	232	
	12:50	3881	4600	08,86	09,52	14,0	231	
	13:00	0	4810	10,44	07,21	13,0	231	
	13:10	4723	4738	11,81	04,77	13,4	232	
	13:20	/	4833	13,22	02,31	14,4	233	
	13:30	4794	4806	14,66	11°59,72	15,0	233	
	13:40	4822	4828	16,03	57,21	14,4	232	
	13:50	/	4794	17,46	54,62	15,1	234	
11.4.	14:00	5065	5073	43°18,31'S	17°57,98'E	14,9	234	J. Grigel
	14:10	-	4777	20,1	49,2	14,1	234	
	14:20	-	4776	21,5	46,7	14,0	231	
	14:30	-	4677	22,9	44,4	14,7	232	
	14:40	-	4510	24,4	41,9	14,7	231	
	14:50	-	4444	25,8	39,5	14,3	231	
	15:00	-	4826	27,2	37,0	14,4	233	
	15:10	4531	4922	28,6	34,5	14,1	233	
	15:20	4903	4896	30,0	32,1	13,9	233	
	15:30	4749	4753	31,4	29,6	14,5	233	
	15:40	4699	4709	32,8	27,0	14,2	235	
	15:50	-	4661	34,1	24,5	14,4	233	
	16:00	-	4651	35,6	22,0	14,6	233	
	16:10	-	4750	37,0 S	19,4 E	14,4	233	David Völler
	16:20	4-	4139	38,4 S	16,9 E	14,3	235	
	16:30	-	4422	39,8 S	14,4 E	14,8	234	
	16:40	-	4883	41,2 S	11,9 E	14,8	232	
	16:50	-	5263	42,7 S	09,2 E	15,0	233	
	17:00	-	5211	44,0 S	06,8 E	14,6	233	
	17:10	-	5070	45,4 S	04,3 E	14,5	233	
	17:20	-	4974	46,7 S	01,9 E	14,4	233	
	17:30	-	5210	48,4 S	11°59,3 E	14,5	233	
	17:40	-	5352	49,7 S	56,7 E	14,7	231	
	17:50	5347	5360	51,1 S	54,2 E	14,3	231	



Polvanormal		Paradigma				DESO
f [kHz]	Pulse	f [kHz]	len [ms]	Wahl [s]	Pod %	Rolle
4	2	40	266	0	0	7

KUMMERKASTEN

Dig, depth gate



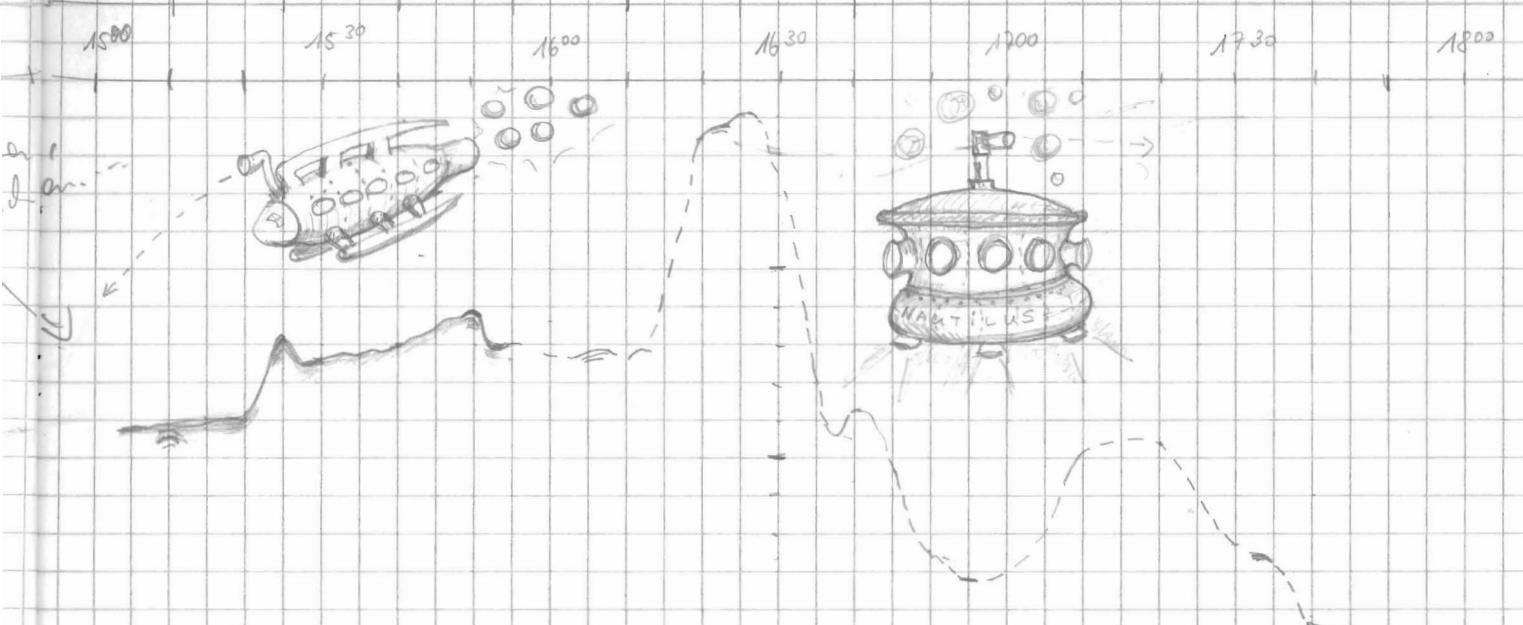
4	2	40	266	0	0	7
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16:08 Badwechsel # 60 → 61

← BIGBROTHER IS WATCHING YOU!

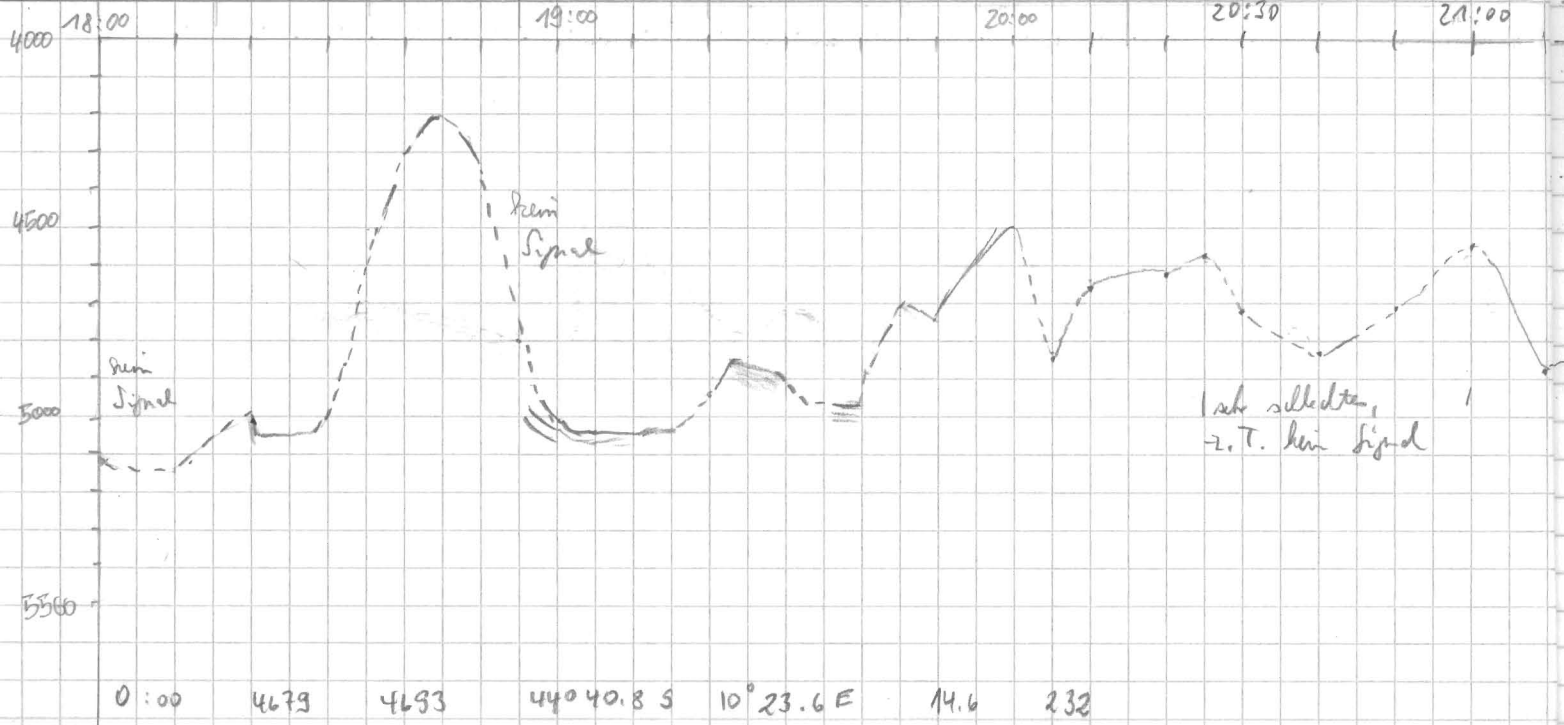
16:30 - 17:00 Schrägfahrt am Hang einer
großen Struktur - kein Bodenecho

17:00 - 17:30 Es geht immer am Hang
entlang - nichts zu wollen
(es ist ein laggsbrecher ridge - der
Aguellas Ridge / Cape rise?).



← kein Euplay, mix machen
(Parallelfahrt am Hang)

DATE	TIME	DEPTH		POSITION		SPEED	COURSE	WATCH (HEINRICH-ODER VENIGER) GÄNGER
		FS	HS 9.	LATD	LONG			
M. 4	18:05	5110,0	5172,0	43°53,1 S	10°50,9 E	14,1	233,5	C. Daniel
	18:10	510	5061	53,9	49,5	14,9	234,4	
	18:20	0	4994	55,1	47,2	10,6	230,6	
	18:30	0	4947	56,5	44,7	14,2	230,1	
	18:40	0	4382	57,8	42,3	14,5	234,2	
	18:50	0	4079	58,1	38,7	14,6	204,4	
	19:00	5060	5088	44°00,4	37,2	14,7	204,1	
	19:10	5062	5075	01,7	34,9	14,0	232,2	
	19:20	0	4929	03,1	32,5	13,7	232,7	
	19:30	0	4892	04,3	30,1	13,8	230,1	
	19:40	4891	5001	05,7	27,7	13,7	230,0	
	19:50	4730	4652	07,1	25,3	13,8	230,0	
	20:00	0	4626	08,4	20,0	13,7	230,5	
	20:10	—	4662	09,9	20,6	13,8	231,9	H. Hommers
	20:20	—	4610	11,2	18,2	13,6	231,8	
	20:30	—	4717	12,6	15,8	13,6	230,7	
	20:40	—	4873	14,0	13,5	13,6	230,5	
	20:50	—	4709	15,4	11,1	13,3	229,5	
	21:00	—	4553	16,8	08,7	13,8	230,4	
	21:10	4894	4900	18,2	06,3	13,5	220,6	
	21:20	4739	4736	19,5	04,0	14,0	230,6	
	21:30	—	4770	20,9	01,7	14,2	230,5	
	21:40	—	4759	22,2	10°59,2	13,6	230,0	
	21:50	4756	4754	23,6	56,8	14,0	231,1	
	22:00	4889	4898	24,9	54,2	13,5	234,9	
	22:10	4752	4749	44°26,1 S	10°51,6 E	13,8	234	B. Spieß
	22:20	4845	4859	27,4 S	49,0	13,7	234	
	22:30	4843	4852	28,6 S	46,3 E	13,9	235	
	22:40	4865	4879	29,9	43,9	13,4	234	
	23:00	4717	4724	32,5	38,9	14,6	233	
	23:10	4680	4680	34,0	36,3	14,3	233	
	23:20	4578	4556	35,3	33,7	14,6	233	
	23:30	4834	4790	36,6	31,3	14,4	233	
	23:40	4743	4747	38,0	28,6	14,4	231	
	23:50	4735	4745	44°39,5 S	10°26,0 E	14,7	232	



PS

REGISTRIERUNG

f (kHz)	Pos	f (kHz)	[ms]	[s]	[%]	ROLLE
4	2	40	260	0	0	7

Bandwechsel # 61 -> # 62

21:30

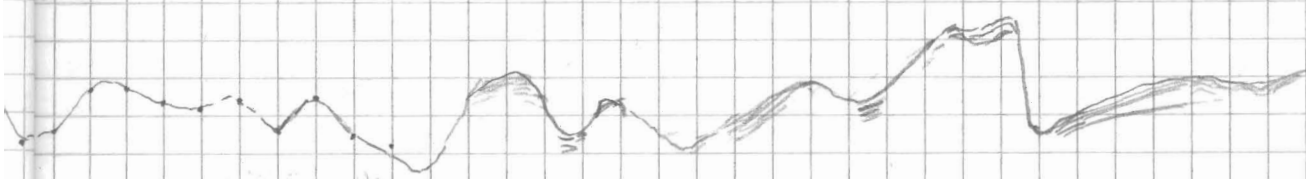
22:00

22:30

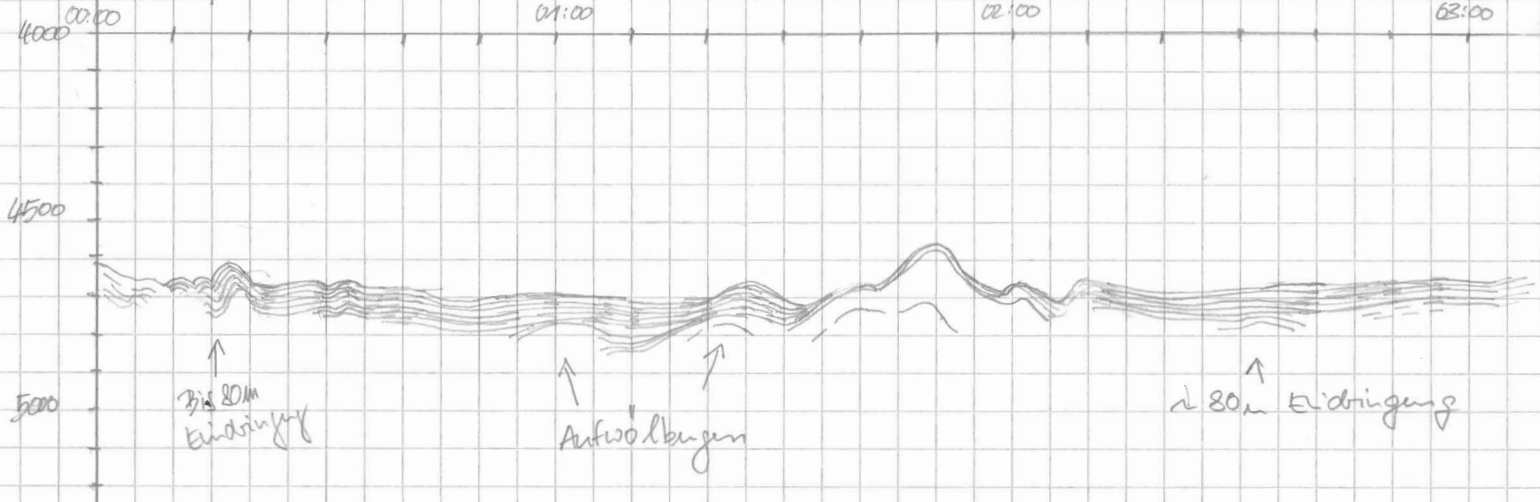
23:00

23:30

0:00



DATUM	UNTERSCHEID	WASSERTIEFE		POSITION		SPEED	COURSE	BEOBACHTER	
		FS	HS	LAT	LONG				
12.04	00:10	4687	4693	44° 42.3 S	100° 20.7 E	14.2	229	DAVID VÖCKER	
	00:20	4702	4720	43.8 S	18.2 E	14.4	230		
	00:30	4728	4740	45.4 S	15.5 E	14.2	229		
	00:40	4735	4741	46.9 S	13.0 E	14.8	229		
	00:50	4723	4726	48.7 S	10.8 E	14.6	231		
	01:00	4724	4734	49.7 S	07.8 E	14.7	231		
	01:10	4728	4735	51.3 S	05.0 E	14.8	231		
	01:20	4727	4734	52.8 S	02.4 E	14.9	231		
	01:30	4701	4708	54.3 S	9° 59.7 E	15.1	233		
	01:40	4599	4601	57.1 S	9° 54.3 E	14.8	232		
	02:00	4600	4560	58.7 S	51.4 E	15.0	233		
	02:10	4575	4584	45° 00.2 S	48.9 E	15.5	233		
	02:20	4555	4500	01.9 S	45.9 E	15.6	234		
	02:30	4575	4572	03.2 S	43.5 E	14.8	233		
	02:40	4569	4566	04.6 S	40.9 E	15.2	237		
	02:50	4570	4570	06.0 S	38.2 E	15.0	235		
	03:00	4570	4572	07.5 S	35.3 E	14.8	234		
	03:10	4568	4571	08.9 S	32.7 E	15.0	232		
	03:20	4570	4572	10.4 S	30.1 E	14.7	232		
	03:30	4572	4572	11.8 S	27.4 E	14.8	232		
	03:40	4575	4575	13.4 S	24.7 E	14.6	233		
	03:50	4578	4580	14.8 S	22.0 E	14.8	231		
	4:00	4562	4573	16.3	19.9	14.9	231		Bernold Gasser
	4:10	4561	4572	17.8	16.8	14.6	232		
	4:20	4555	4571	19.3	14.1	15.6	234		
	4:30	4542	4553	20.7	11.4	14.8	234		
	4:40	4507	4517	22.1	8.8	14.7	234		
	4:50	4517	4534	23.5	6.1	14.6	235		
	5:00	4497	4510	24.9	3.6	14.3	235		
	5:10	4455	4461	26.3	0.9	13.7	237		
	5:20	4447	4455	27.8	8° 58.2 E	13.8	235		
	5:30	4433	4443	29.1	55.6	13.4	235		
	5:40	4425	4431	30.5	53.0	14.2	236.2		
	5:50	4414	4410	32.0	50.4	14.1	232		
	6:00	4382	4380	33.5	47.7	15.0	233		

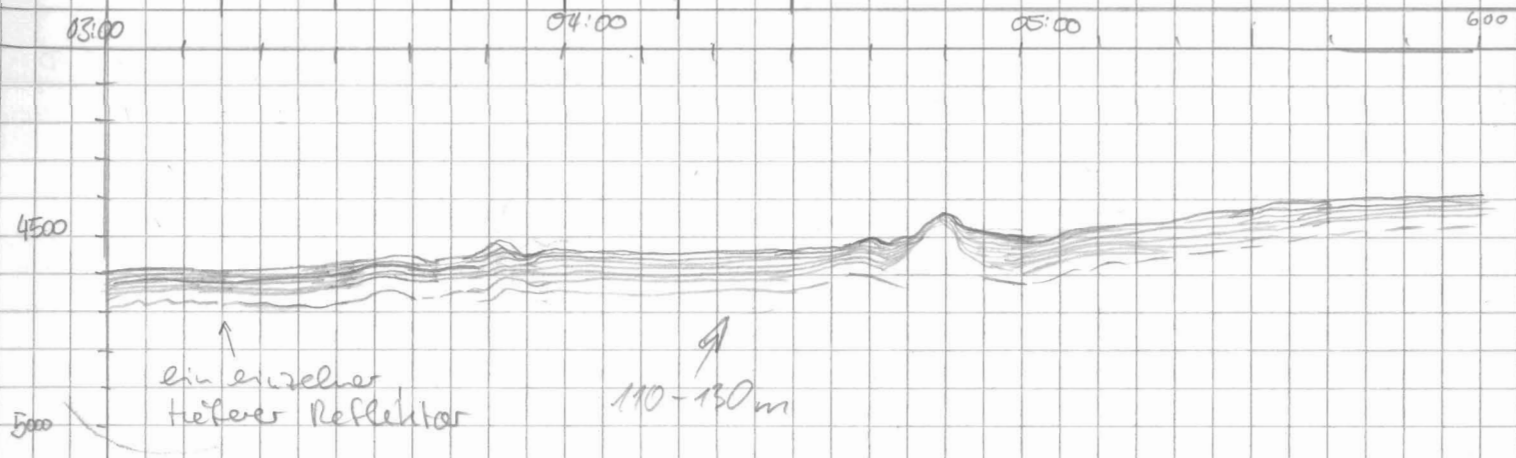
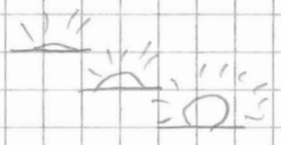


DS		REGISTRIERUNG					BEMERKUNGEN
FREQUENZ [kHz]	PULS LÄNGE	FREQUENZ [kHz]	DAMPF [ms]	LAIT [s]	RED. [%]	DESO ROLLE #	
4	2	40	266	0	0	7	

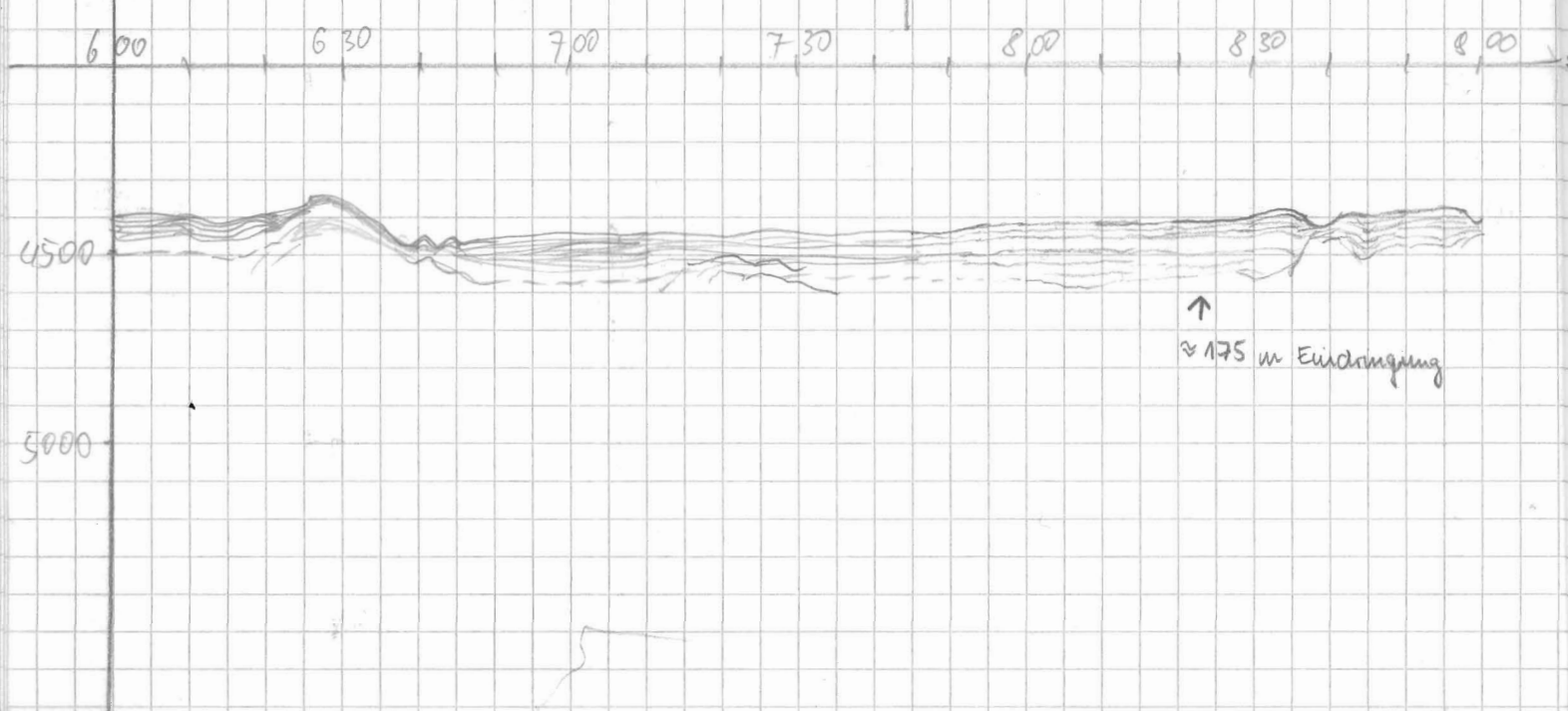
00:23 Bandwechsel #62 → 63
 Typische Muster der PFZ - treten in
 Aufzeichnungen von ANSTIX/4 erst
 Südlisch ~ 480s auf!

1:00 - Der Verlauf der
 vielen Reflektoren wird z.T.
 bestimmt durch transport
 erscheinende Aufwölbungen in
 ~ 50m Tiefe.

Moin! Bandwechsel 63 → 69



Date	Zeit	Tiefe		Position		Speed [km/h]	Kurs [°]	Aufpasser/In	
		AS [m]	HS [m]	Breite	Länge				
12.4.	6:00	4382	4380	45°33.5 S	8°47.7 E	15.0	233	Bernhard Lauer	
	6:10	4382	4383	34.8	45.2	13.8	233		
	6:20	4386	4401	36.2	42.5	14.8	235		
	6:30	4389	4385	37.6	39.8	14.5	231		
	6:40	4482	4498	39.0	37.2	14.4	231		
	6:50	4481	4484	40.5	34.8	14.6	231		
	7:00	4457	4461	41.8	32.2	14.6	232		
	7:10	4449	4452	43.1	29.9	14.5	232		
	7:20	4453	4463	44.6	27.2	14.3	232		
	7:30	4458	4477	45.9	24.6	14.4	232		
	7:40	4457	4465	47.3	22.1	14.7	232		
	7:50	4435	4425	48.7	19.3	14.6	233		
	8:00	4424	4434	50.1	16.7	14.6	232.5		HELMUT SCHOTTMÜLLER
	8:10	4415	4415	51.4	14.1	14.7	232.5		
	8:20	4407	4407	52.8	11.4	14.3	232.5		
	8:30	4398	4393	54.3	8.8	14.7	232.7		
	8:40	4408	4395	55.7	6.2	13.4	228.4		
	8:50	4392	4382	57.2	3.7	14.7	229.1		
	9:00	4396	4379	58.7	1.0	14.5	229.5		
	9:10	4389	4340	46°00.0	7°58.3	14.9	230.2		
	9:20	4311	4300	01.7	55.7	15.0	229.8		
	9:30	-	4309	03.2	53.1	14.8	232.3		
	9:40	4393	4377	04.6	50.3	15.0	231.3		
	9:50	4393	4294	06.2	47.3	14.7	232.0		
	10:00	-	4029	07.5	44.8	14.7	232.4		
	10:10	-	3695	08.4	42.2	14.7	232.1	Gerdhard Schmiedl	
	10:20	-	3519	10.4	39.4	14.6	233.5		
	10:30	-	3710	12.0	36.5	14.7	233.3		
	10:40	(3723)	3906	13.5	32.4	14.9	232		
	10:50	3223	3196	14.7	31.1	15.3	234		
	11:00	2984	2962	16.1	28.3	15.2	235		
	11:10	3020	3008	17.6	25.5	15.2	233		
	11:20	2979	2951	19.0	22.7	15.5	235		
	11:30	-	2537	20.6	19.9	15.6	233		
	11:40	-	1941	22.0	17.1	15.3	232		
	11:50	(1793?)	1835	23.5	14.3	15.8	232		



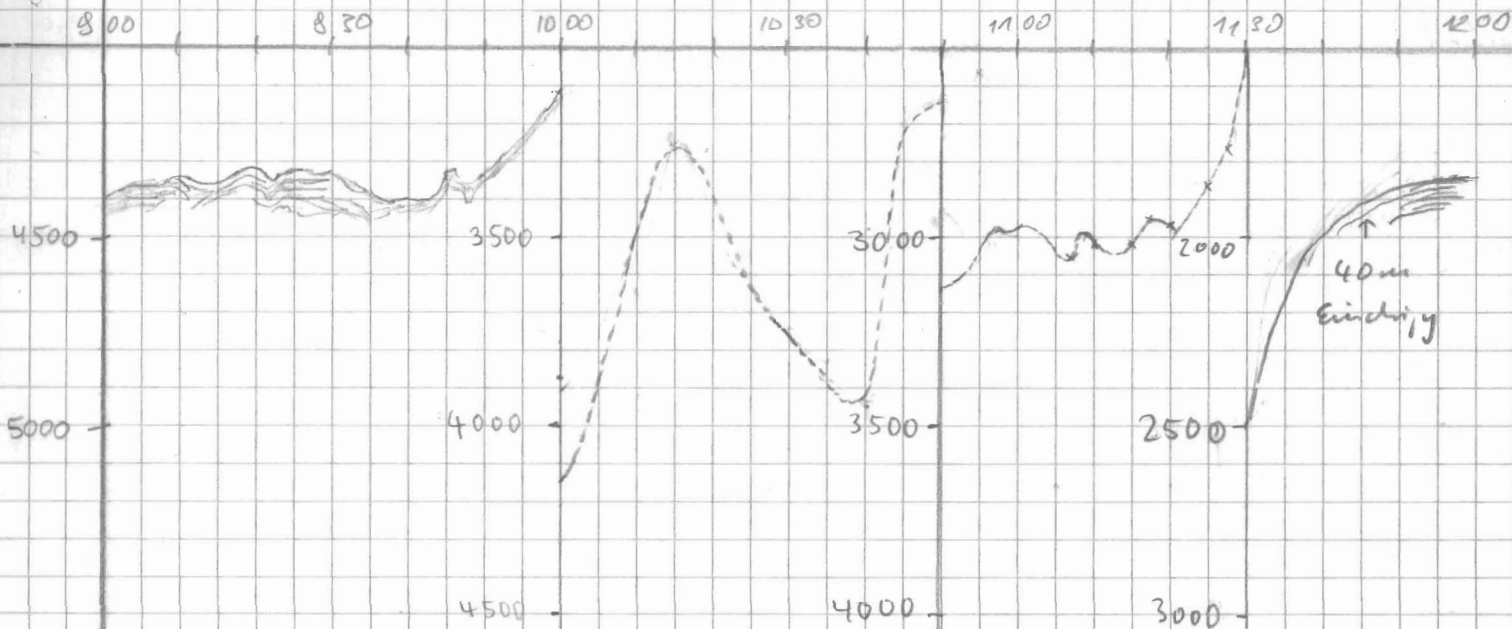
PS-F [kHz]	PS-Pu.	R-F. [kHz]	R.-L. [ms]	Wait [s]	Red. [%]	Deso Rolle
4	2	40	266	0	0	7

Moin Moin!

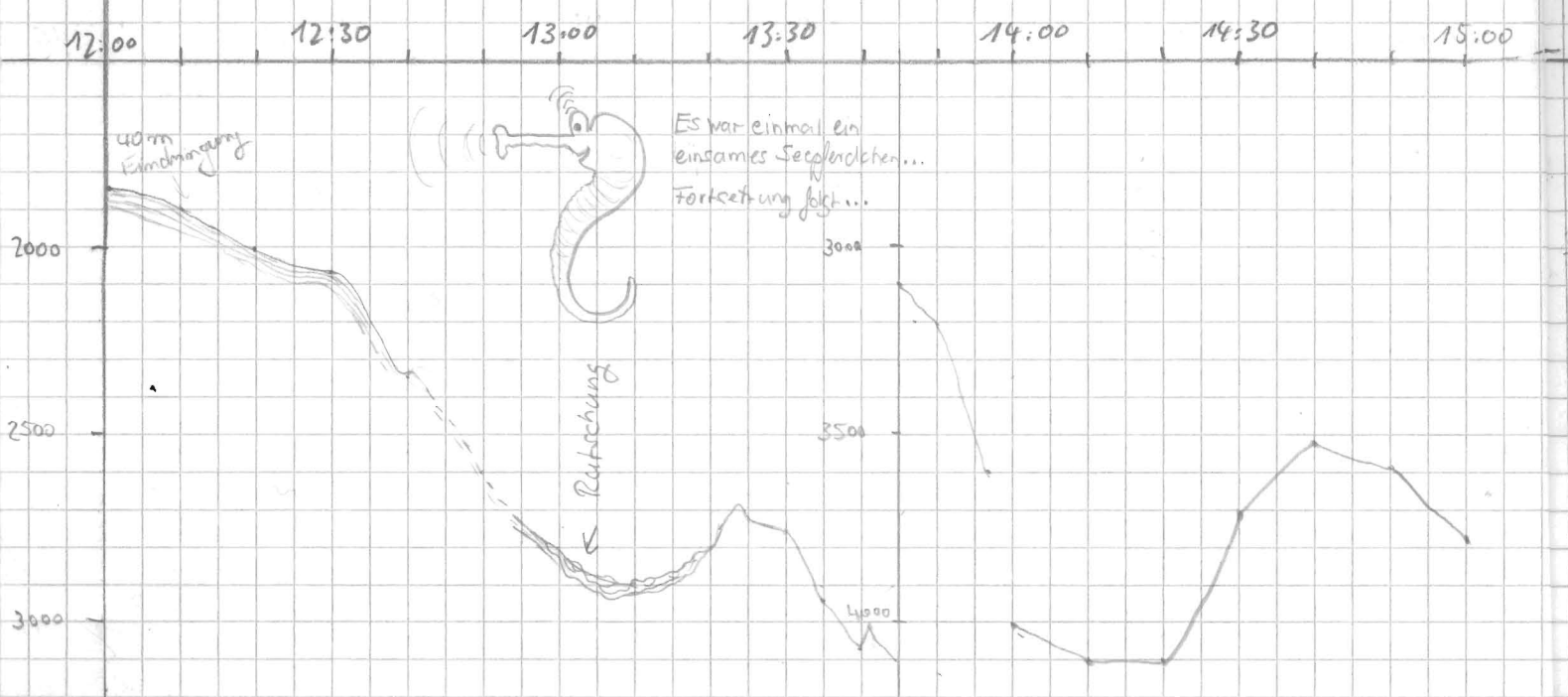
7:47 Bandwechsel 64 → 65
Eindringung > 150m, wird eng...

4	2	40	266	0	0	7
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11:53 Bandwechsel 65 → 66



Date	Zeit	Tiefe		Position		Speed [kn]	Kws [°]	Aufpasser/in	
		PS [m]	HS [m]	Breite	Länge				
12.4.	12:00	-	1834	46° 24,9	7° 11,4	15,7	233	Carmen Jung	
"	12:10	1792	1902	26,2	8,6	15,5	231		
"	12:20	2007	1977	27,9	6,0	15,1	230		
	12:30	-	2065	29,4	3,2	15,0	230		
	12:40	2388	2358	30,9	7° 00,3	15,1	231		
	12:50	-	2606	32,7	6° 57,7	15,5	230		
	13:00	2880	2850	33,6	55,3	15,1	229		
	13:10	2958	2920	35,6	52,6	15,1	232		
	13:20	-	2884	37,1	49,8	15,0	236		
	13:30	2751	2781	38,4	46,9	15,4	239		
	13:40	-	3083	39,6	44,1	15,5	234		
	13:50	3204	3241	40,9	41,3	15,1	230		
	14:00	3502	4004	42,5	38,8	15,2	233		
	14:10	-	4142	43,85	36,16	14,8	233		H. Radow
	14:20	41156	41738	45,24	33,50	15,7	233		
	14:30	3626	3708	46,63	30,84	14,7	233		
	14:40	3583	3572	48,02	28,25	14,5	231		
	14:50	-	3535	49,37	25,67	15,1	233		
	15:00	3731	3779	50,82	22,92	14,7	233		
	15:10	3938	3948	52,17	20,39	14,3	231		
	15:20	-	4038	53,53	17,80	14,4	232		
	15:30	4100	4085	54,87	15,18	14,7	231		
	15:40	Station							
	21:30							H. Hommes	
	21:40	4117	4108	59,9	17,1	14,8	185,2		
	21:50	4092	4089	49° 02,2	16,8	14,7	186,2		
	22:00	4159	4155	04,4	16,5	14,5	186,5		
	22:10	-	4225	06,6	16,2	14,9	186,4		
	22:20	4264	4253	09,0	15,9	15,0	186,2		
	22:30	4271	4263	11,5	15,5	14,8	185,4		
	22:40	4260	4257	13,8	15,2	14,7	185,0		
	22:55	4213	4213	47° 17,2' S	6° 14,6' E	14,8	186		J. Grijel
	23:06	4195	4198	18,4	14,3	14,7	186		
	23:10	4193	4150	20,8	14,0	14,9	186		
	23:20	4258	4240	23,7	13,6	14,9	187		
	23:30	-	4784	25,6	13,3	15,0	183		

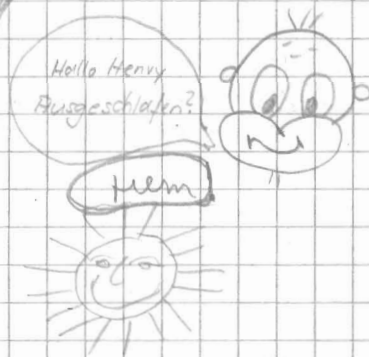


PS-F. [kHz] PSpu. R.-F. [kHz] R.-L. [ms] Wait [s] Rcd [%] Deso Rolle

Bemerkungen

4 2 40 266 0 0 7

Dig depth 3500



359

Registrierlänge 270 m = 359ms

4 2 40 359 0 0 7

15:00 15:30 21:30 22:00 22:30 23:00 23:30


Station
3500

4000

4500

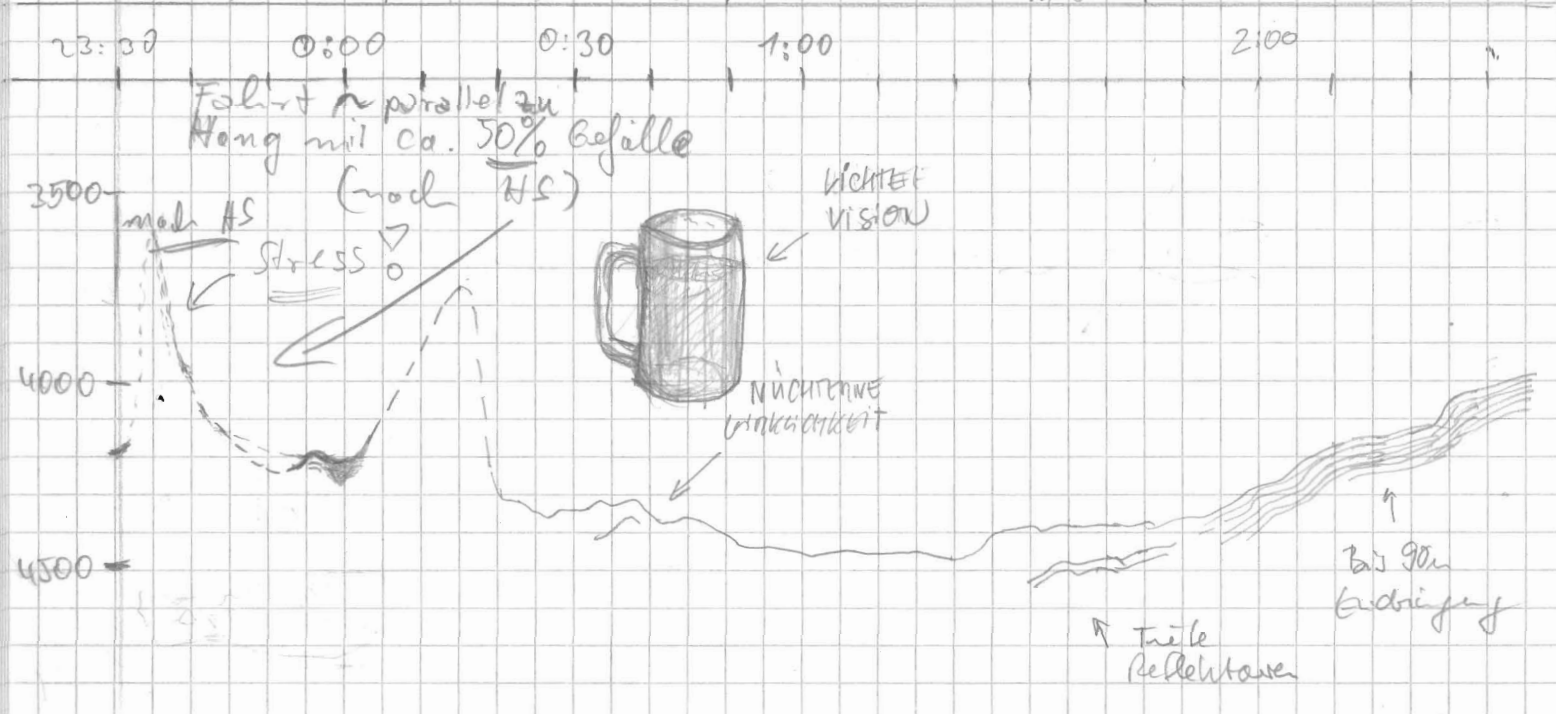


Date	Time	Tiefe		Position		Speed [km]	Kurs [°]	
		PS [cm]	HS [cm]	Breite	Länge			
22.04.	23:40	—	4006	47°27,9'S	6°13,7'E	15,2	183	
	23:50	—	4107	30.2	12.9	14.9	183	
13.04	0:00							
	0:10	3966	3963	34.9'S	12.5'E	15.0	185	
	0:20	4325	4380	37.3'S	12.1'E	15.1	184	
	0:30	4362	4358	41.2'S	11.4'E	14.9	187	
	0:40	—	4379	42.0'S	11.3'E	14.1	190	
	0:50	4381	4380	44.3'S	10.9'E	14.6	189	
	1:00	4381	4397	46.6'S	10.5'E	14.1	187	
	1:10	4368	4385	48.8'S	10.0'E	14.2	187	
	1:20	4361	4364	51.1'S	09.6'E	15.0	184	
	1:30	4359	4360	53.4'S	09.3'E	15.0	188	
	1:40	4356	4350	55.7'S	08.9'E	14.6	185	
	1:50	4335	4340	58.0'S	08.6'E	14.5	185	
	02:00							
	02:10	4172	4170	48°02.7 S	08.0 E	14.2	187.	
	02:20	4109	4060	04.9 S	07.7 E	14.9	188	
	02:40	3903	3893	09.6 S	07.1 E	14.6	185	
	02:50	3900	3850	12.0 S	06.7 E	14.6	187	
	03:00	3890	3877	13.9 S	06.3 E	14.3	187	
	03:10	3812	3800	16.1 S	06.0 E	14.3	186	
	03:20	3707	3685	18.5 S	06.0 E	14.4	187	
	03:30	3723	3705	20.6 S	05.2 E	14.4	187	
	03:40	3636	3618	22.9 S	04.9 E	13.8	185	
	03:50	—	3610	25.1 S	04.6 E	14.4	186	
	4:00	3654	3635	27.7	4.4	13.8	185	
	4:10	3668	3639	29.8	4.2	14.3	184	
	4:20	—	3113	32.1	3.8	14.2	185	
	4:30	—	2542	34.5	3.6	14.7	185	
4:40	—	3695	36.8	3.3	14.1	185		
4:50	3808	3769	38.2	3.1	14.7	185		
5:00	3835	3800	41.4	2.9	14.7	185		
5:10	3788	3754	43.7	2.6	14.6	185		
5:20	3782	3756	46.7	2.2	14.4	187		
5:30	3841	3802	48.4	1.2	14.7	187		
5:40		2718	50.8	1.5	14.5	188		


 Kitroy is watching you!
 J. G. J.

Dana Völkner
" "
" "

Bernel Leoser



PS-F. [kHz]	PS-Pa.	R-F. [kHz]	R-L. [ms]	Wart [s]	Red. [%]	Deso Rolle
4	2	40	359	0	0	→

Mo ebbes andersch

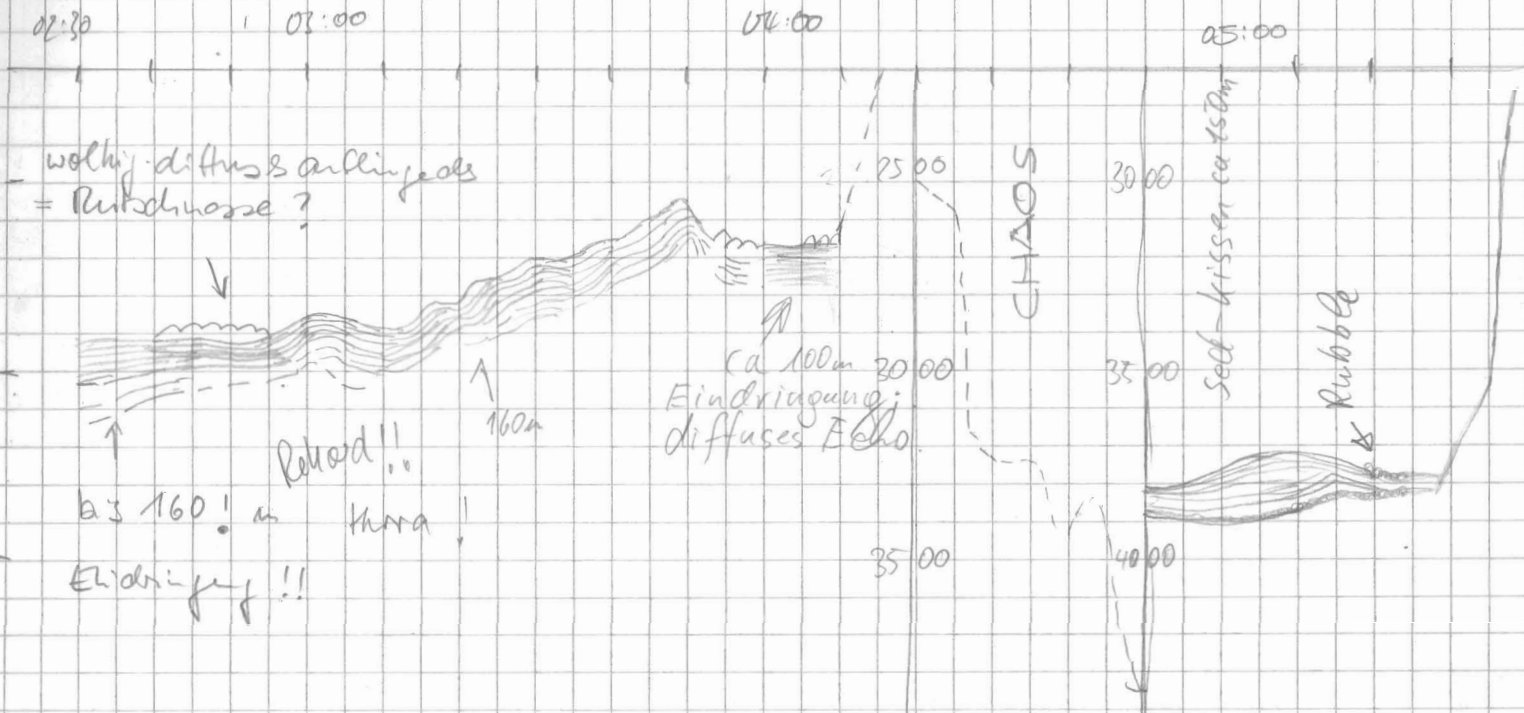
00:05 Badwechsel # 67 → 68

01:30 - 02:00

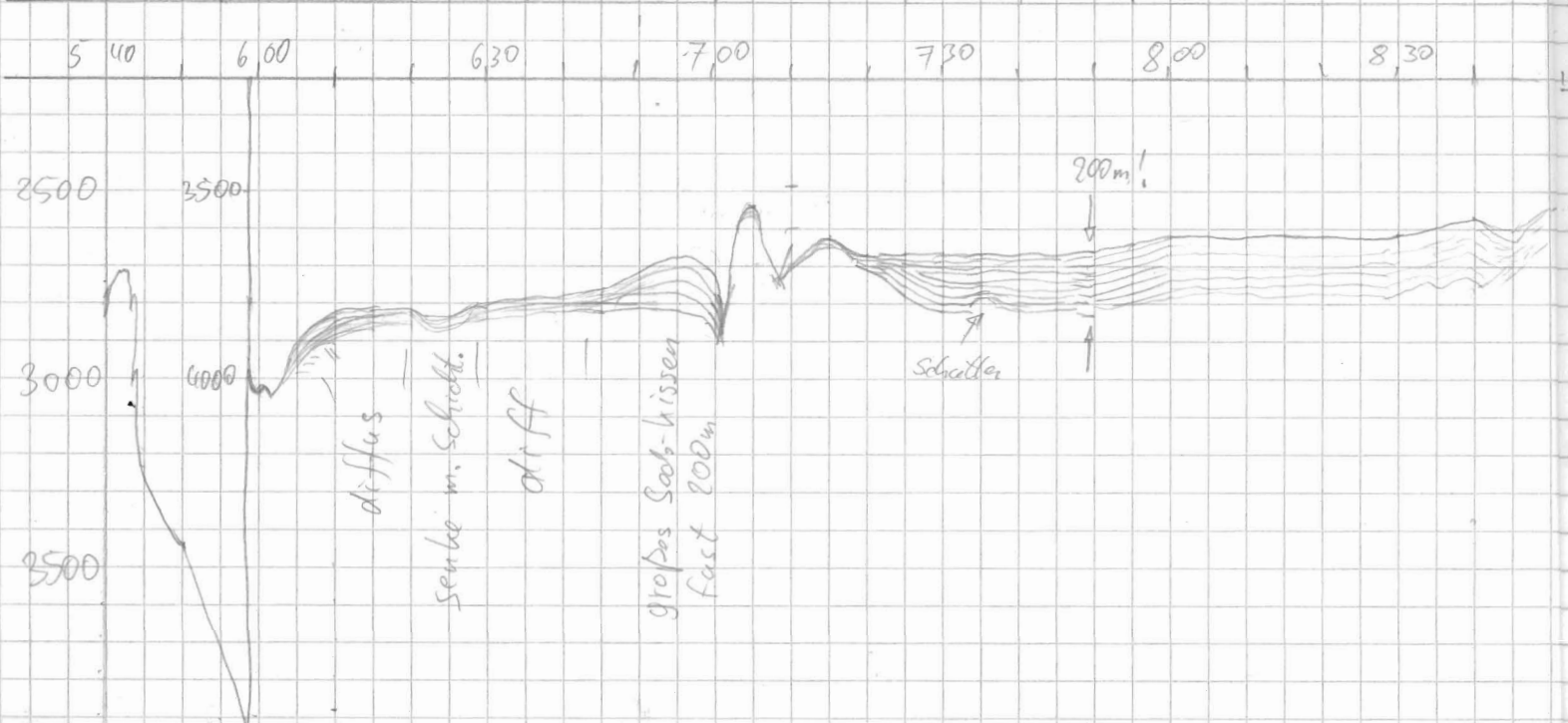
Es scheinen langsam immer mehr Reflektoren, bis wieder das typische Bild der PFZ erreicht ist.

- 8 02:35 DESO: ROLLENWECHSEL
- 02:50 140m Eindringung
- 03:00 160m - " - "
- 02:50-03:00 Auf der parallel gedichtete Sedimente liegt ein völlig diffus Paket ohne inneren Strukturen - Rutschmasse!
- 03:15 Badwechsel # 68 → 69

D.h. bei einer Repräsentanz von 359 ms reicht ein Bad für ~ 3 Std.



Date	Time	Tiefe		Position		Speed [km/h]	Kurs [°]	AnpasserIn
		PS	MS	Breite	Länge			
13. 4.	5:50	-	3447	48° 53.1 S	6° 01.2 E	14.8	186	Bernold Looser
	6:00	4041	3385	55.4	0.8	14.3	186	
	6:10	3872	3837	57.9	0.4	14.7	185	
	6:20	3865	3820	49° 0.2 S	0.1	14.5	183	
	6:30	3851	3809	2.5	5° 59.9 E	14.7	184	
	6:40	3812	3783	4.9	59.7	14.5	184	
	6:50	3725	3695	7.4	59.5	14.8	184	
	7:00	3734	3713	9.8	59.3	15.2	187	
	7:10	3846	3809	12.3	58.9	15.3	186	
	7:20	3728	3701	14.7	58.6	14.7	187	
	7:30	3722	3676	17.1	58.3	15.1	186	
	7:40	3721	3678	19.5	57.9	14.9	187	
	7:50	3716	3686	21.9	57.5	15.2	187	
	8:00	3691	3661	24.4	57.1	14.2	185	
	8:10	3665	3649	26.9 S	57.0 E	15.4	187	
	8:20	3640	3620	29.2 S	56.9 E	14.7	181	
	8:30	3609	3582	31.6 S	56.8 E	15.1	181	
	8:40	3525	3550	34.2 S	56.5 E	15.	187	
	8:50	3522	3511	36.4 S	56.1 E	15.1	185	
	9:00	3504	3425	38.2 S	55.7 E	15.1	185	
	9:10	3496	3461	41.0 S	55.3 E	14.8	186	
	9:20	3485	3452	43.3 S	55.1 E	15.2	182	
	9:30	3509	3502	45.7 S	54.9 E	14.9	182	
	9:40	3530	3508	48.0 S	54.7 E	14.8	187	
	9:50	3567	3546	50.4 S	54.4 E	14.8	184	
	10:00	3582	3570	52.9 S	54.0 E	14.		
	10:10	3608	3594	49° 54.9 S	5° 53.8 E	15.1	184	D. Spröß
	10:20	3651	3631	57.4 S	53.5 E	14.8	185	
	10:30	3684	3659	59.8 S	53.2 E	14.4	184	
	10:40	3716	3688	50° 02.1 S	5° 52.8 E	14.0	185	
	10:50	3756	3726	04.3 S	52.2 E	13.5	187	
	11:00	3767	3739	05.2 S	51.4 E	1.7	58	



PS-F. [KHz]	PS-Fu.	R.F. [KHz]	R.L. [ms]	Wert [S]	Rend [%]	Dosa Pole
4	2	40	358	0	0	8
"	"	"	"	"	"	"

Bemerkungen (Dor hat)

Die 'Screaming Fifties' kommen.
Bandwechsel 68 → 70

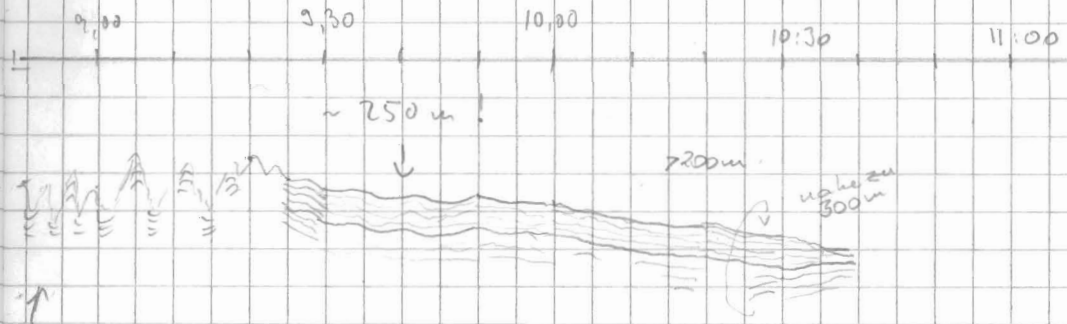
chm.

☞ ☞

9:47 Bandwechsel 70 → 71

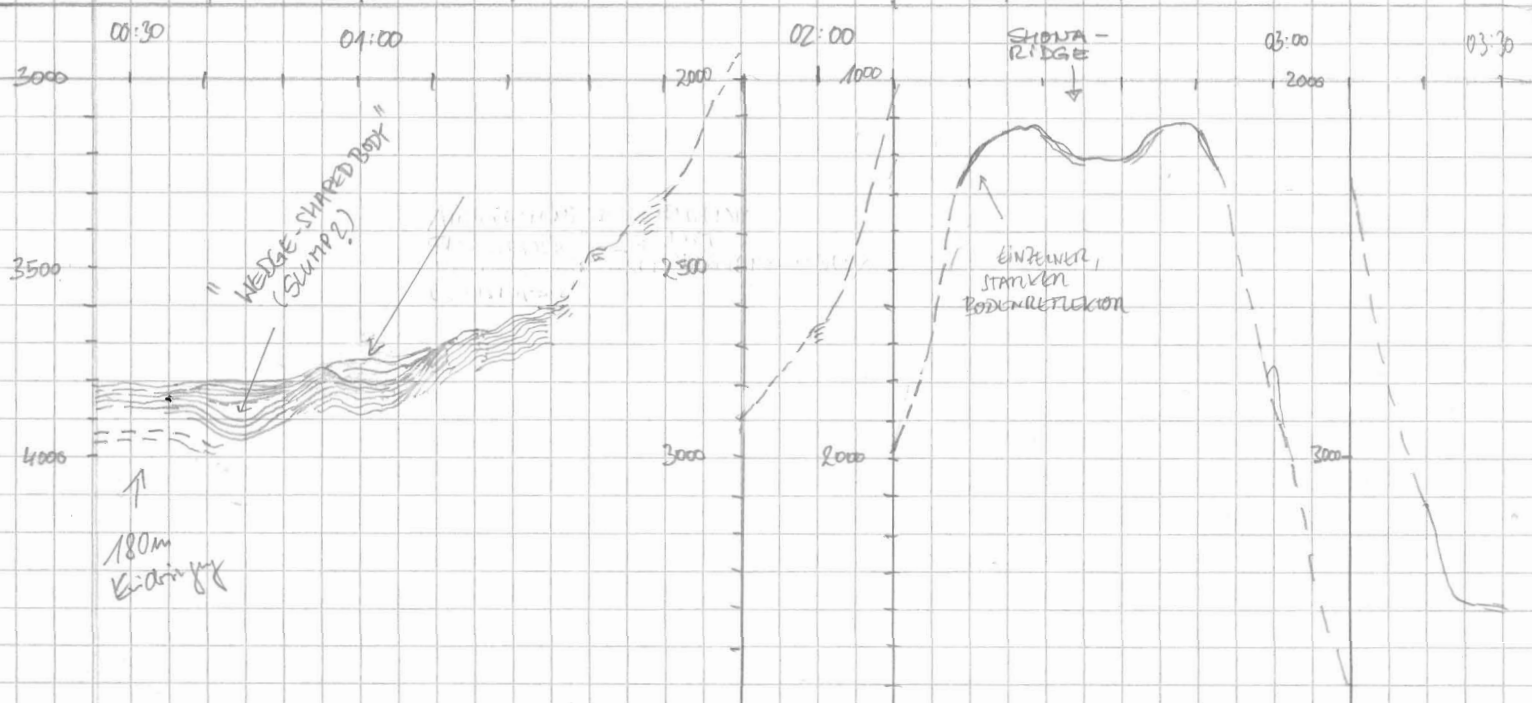
Annäherung Klankerbung
auf Station

15:06 Bandwechsel 71-72
Bda beenden bis 16:16, 25.7 MB



Topographie:
größtenteils
kein Boden color

Date	Time	Tiefe		Position		Speed [Kn]	Kurs [°]	Überwacher/In
		PS	HS	Breite	Länge			
14.1.	00:30	3799	3800	50° 15.9 S	5043.3 E	10.8	229	DAND VÖLKER
	00:40	3824	3795	16.9 S	41.3 E	10.9	232	
	00:50	3766	3767	18.1 S	39.1 E	11.1	231	
	01:00	3757	3729	19.3 S	36.9 E	11.3	232	
	01:10	3745	3720	20.4 S	34.0 E	11.3	235	
	01:20	3641	3626	21.4 S	32.3 E	11.5	235	
	01:30	3458	3440	22.4 S	30.0 E	11.5	235	
	01:40	3309	3258	23.2 S	28.2 E	11.5	237	
	01:50	2915	2900	24.4 S	25.2 E	11.7	233	
	02:00	2655	2648	25.4 S	22.9 E	11.4	235	
	02:10	2071	2030	26.4 S	20.6 E	11.2	231	
	02:30	-	1240	27.4 S	18.5 E	11.1	235	
	02:46	-	1162	28.6 S	16.0 E	11.7	232	
	03:00	-	1884	50° 31.7 S	5° 09.7 E	10.9	232	
	03:10	2730	2679	32.8 S	07.2 E	11.5	233	
	03:20	-	3111	33.7 S	05.4 E	11.0	232	
	03:30	3392	3315	34.7 S	03.0 E	11.3	232	
	03:46	-	3369	35.8 S	00.8 E	11.4	231	
	03:50	-	3346	36.9 S	40 58.4 E	11.2	234	
	04:00							
	04:10	3339	3309	38.1	54.0	11.1	233	
	4:20	3361	3331	40.1	51.8	10.9	233	
	4:30	3355	3326	41.2	49.5	11.4	232	
	4:40	3399	3372	42.3	47.3	11.1	234	
	4:50	3516	2504	43.3	45.0	11.8	232	
	5:00							
	5:10	3174	3174	45.4	40.4	11.7	232	
	5:20	-	2784	46.5	38.1	11.5	232	
	5:30	2430	2529	47.6	35.7	11.8	233	
	5:40	3032	2870	48.7	33.4	11.3	232	
	5:50	2108	3159	49.8	31.1	11.1	232	
	6:00	-	3341	50.9	28.7	11.4	232	
	6:10	3710	3676	52.1	26.3	11.8	232	
	6:20	-	3557	53.3	23.9	11.7	230	
	6:30	2462	2438	54.4	21.4	11.4	234	



PS-F [KHz]	PS-Pu	R-F [KHz]	R.L. [m/s]	Naht [s]	Reel [%]	Deso Rohr
40	25	40	359	0	0	8

Beobachtungen (aber eine)

00:15 Bodenwechsel # 72 → 73

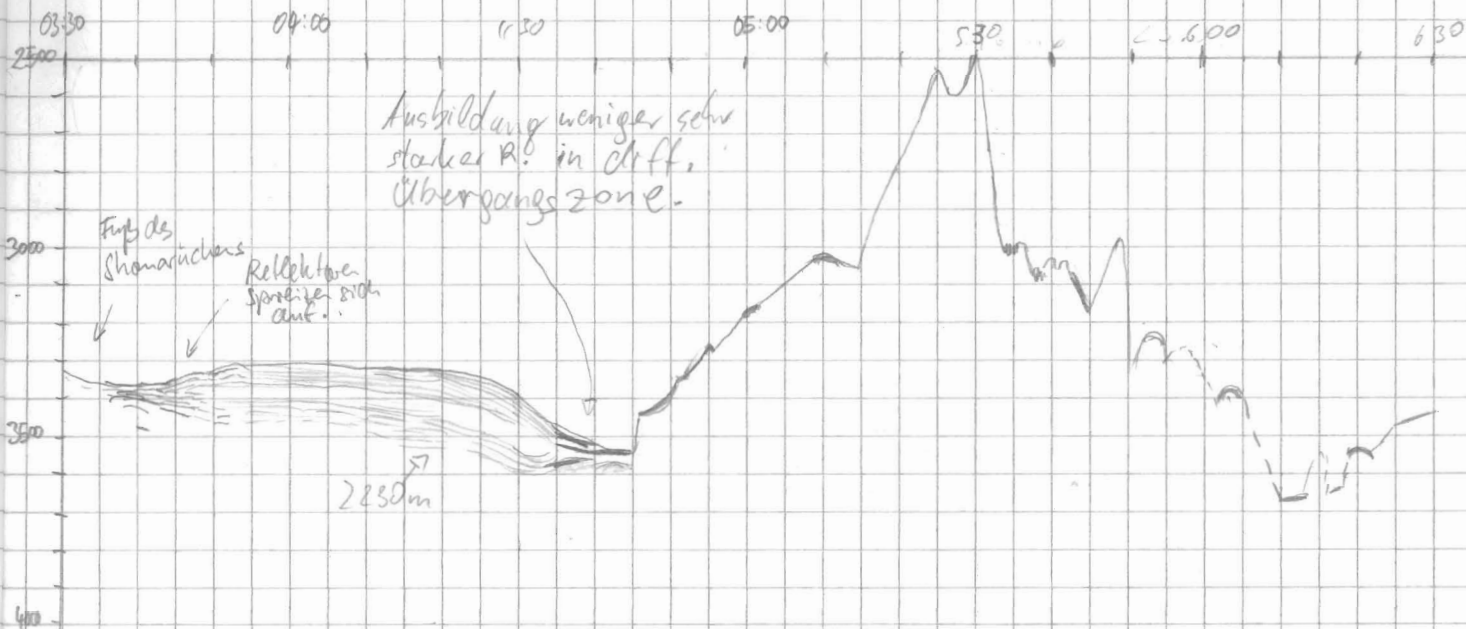
01:00 TRANSPARENTE "ZUNGEN"
MIT DUNKEL-DIFFUSEN BEGRENZUNGEN
LIEGERT AUF DEN KONTINUIERLICH
DURCHZIEHENDEN REFLEKTOREN.
VERNÜTLICH EINE ABFOLGE VON

01:20 - 02:15 starker Anstieg
zu zwei Riden (Shoa-Ridge)
ka ein Echo da.

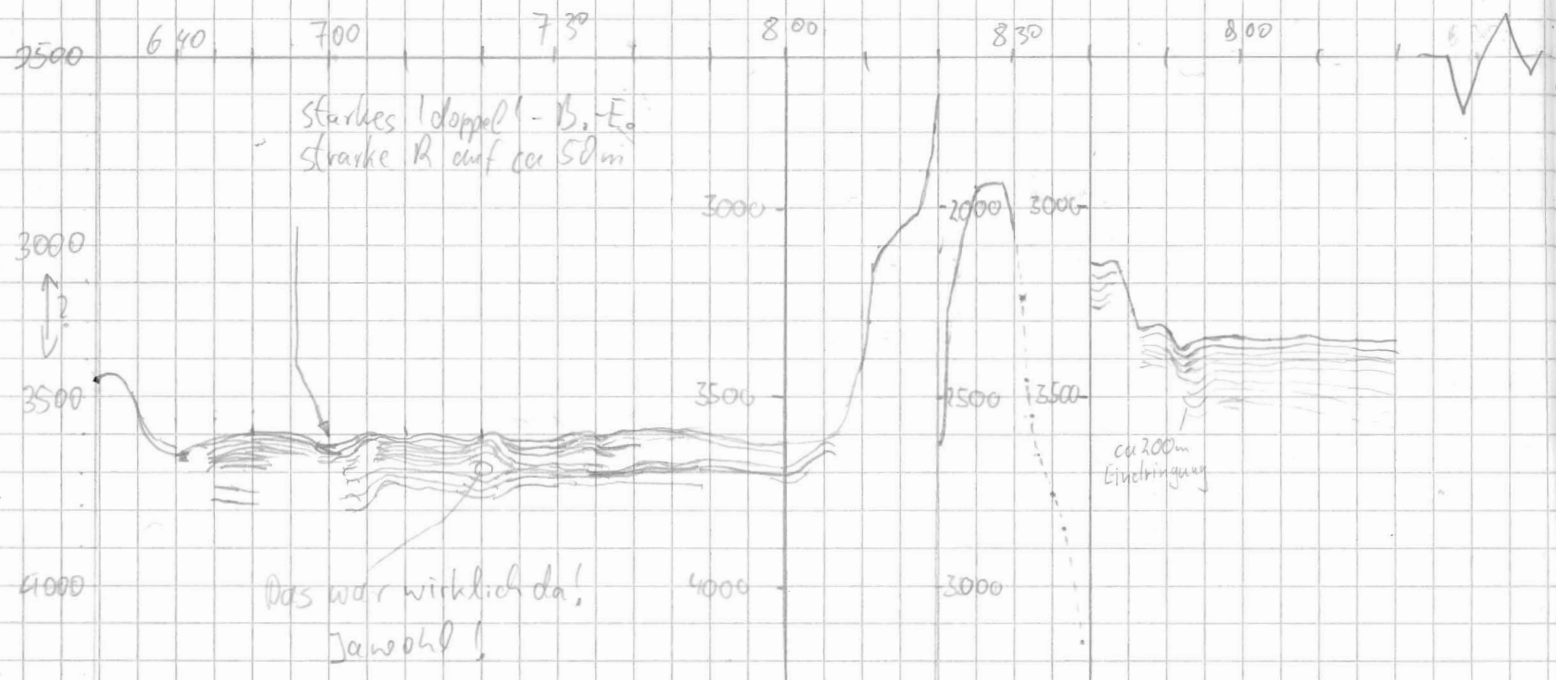
Ab 02:15 erdeut ein einzelner
kräftiger Bodenreflektor, leicht
noch zu verlagert.

Ab 02:50 geht's wieder steil bergab
~ 02:30 - 03:25 Ängert der DESO
in Range 2000 trotz kleinen

Boden echo keine vernünftigen
Versetze. Nach Absinken der DESO-
Anlage drückt dieser in ver (???)
Bodenwechsel # 73 → 74
4:25 Tiefster R. bei 2230m!



Date	Time	PS	HS	Bank	Position	Speed	Kurs	Wachhund
11.11.					Laenge	[km/h]	[°]	
	6:40	-	3668	50° 55.6 S	4° 18.8 E	12.3	234	B. LASER
	6:50	3646	3609	56.7	16.4	11.9	235	
	6:60	3675	3626	57.8	13.8	12.7	233	
	7:10	3647	3608	58.0	11.1	12.2	235	
	7:20	3635	3610	51° 0.1 S	8.7	12.4	232	
	7:30	3667	3640	1.3	6.2	12.5	233	
	7:40	3673	3647	2.5	4.0	12.8	230	
	7:50	3622	3657	2.8	1.3	12.9	229	
	8:00	3634	3597	5.6	5° 58.5	12.3	235	Uwe Frey
	8:10	3404.0	3525	6.3	3° 55.8	12.3	234	"
	8:20	2700.0	2771	7.3	53.6	12.7	233	"
	8:30	1611.3	2165	8.6	50.8	13.0	235	"
	8:40	3158	3130	9.8	48.1	12.9	233	"
	8:50	3313	3286	11.11	45.5	12.7	232	"
	9:00	3345	3323	12.4	43.0	12.5	232	"
	9:10	3342	3320	13.6	40.5	12.8	232	"
	9:20	3350	3325	15.1	37.5	12.8	235	"
	9:30	3355	3300					
	12:44	3368	3345	17.0 S	3° 35.0 E	9.8	286	Neissen
	13:00	3356	3338	51° 18.4 S	3° 31.4 E	11.0	235	B. Spic p
	13:10	3340	3327	19.6 S	23.0 E	11.9	235	
	13:20	3330	3322	20.6 S	26.6 E	11.3	235	
	13:30	3333	3336	21.6 S	24.9 E	10.4	237	
	13:40	3353	3359	22.5 S	22.0 E	10.7	238	
	13:50	3390	3399	23.5 S	19.7 E	10.9	239	
	14:00	3429	3425	24.4 S	17.4 E	10.6	238	
	14:20	3448	3477	51° 26.6 S	3° 10.6 E	10.4	236	N.L
	14:30	3528	3541	27.5	10.7	11.0	236	"
	14:40	3542	3541	28.5	08.4	11.0	235	"
	14:50	-	3490	29.5	06.2	11.1	232	"
	15:00	3123	3166	51° 30.5 S	3° 04.2 E	11.0	235	"
	15:10	3107	3092	31.4	02.0	10.4	235	"
	15:20	3093	3063	32.5	2° 59.9	10.7	231	"
	15:30	3010	2975	33.7	57.2	10.9	236	"
	15:40	2916	2890	34.6	55.6	10.4	235	"
	15:50	2932	2894	35.5	53.2	10.4	236	"



PS-F.	PS-Du	R-F	R-L	Weit	Red	Deso
[km]		[kHz]	[ms]	[s]	[%]	Rolle
4	2	40	359	0	0	8

Ich was ? (Langezeit
gestillt)

Seitenweise Breitengrade ...
Mitteländer Schnittzel ?

Ich habe wirklich 6:60 geschrieben! Das ist
das Ende ... keine Sorge, ich kam bis 8:70!
7:10 Bandwechsel 74 → 75

4	2	40	359	0	0	8
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Nur vereinzelte Panoramal-Gehos

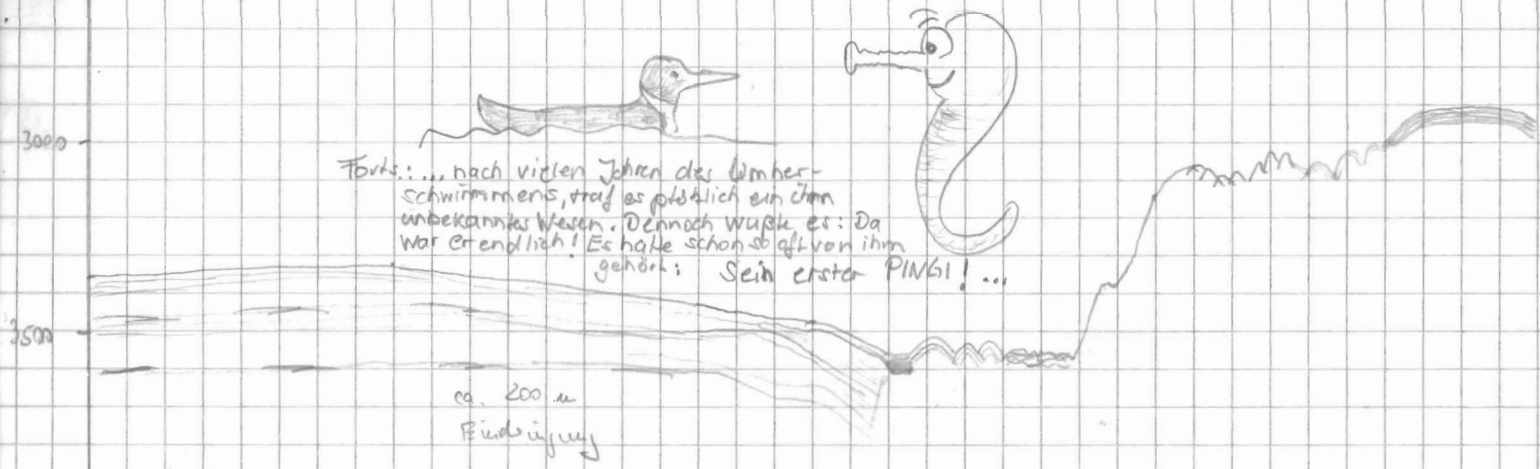
09:50 Stationen (Zeit heute mit 30 sec
Frequenz mit 5.5 kHz
wichtig, keine Ende Station

4	2	40	359	0	0	8
---	---	----	-----	---	---	---

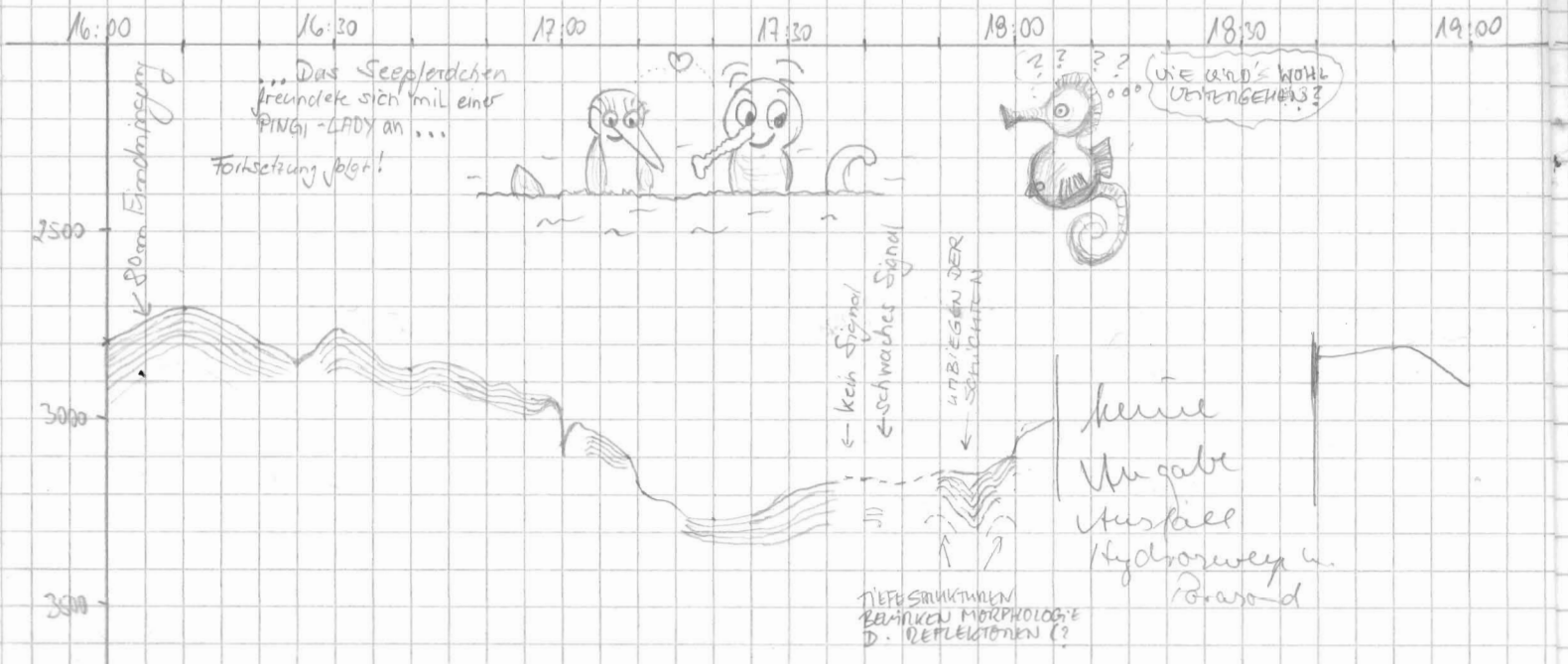
Bandwechsel 76

4	2	40	359	0	0	8
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"
"	"	"	"	"	"	"

12:40 13:00 13:30 14:00 14:30 15:00 15:30



DATE	TIME	TIEFE		POSITION		SPEED [km]	KRS [°]	WACHE	
		PS	HS	LAT	LONG				
14.4	16:00	0	2821	51°36,6 S	2°50,8 E	10,5	235,5	Carmen Jung	
"	16:10	2766	2735	27,5	48,8	10,9	233,		
"	16:20	2804	2764	38,6	46,6	11,1	233,		
"	16:30	0	2802	39,6	44,3	10,7	235,		
"	16:40	2887	2853	40,7	41,8	10,7	234,		
"	16:50	2917	2882	41,6	40,1	10,8	232,		
"	17:00	3039	3008	42,7	37,8	10,9	231,		
"	17:10	3186	3161	43,8	35,6	11,2	231,		
"	17:20	3257	3228	44,9	33,4	11,2	233,		
"	17:30	3196	3173	46,1	30,8	10,9	235,		
"	17:40	3161	3149	47,0	28,6	11,0	234,		
"	17:50	0	3130	48,1	26,3	11,3	233,		
"	18:00	3131	3091	49,1	24,0	11,2	233,		
"	18:10	3000	2955	50,30	21,42	11,6	234,		H. Rudow
"	18:20	-	-	51,44	19,04	10,9	237,		
"	18:30	-	-	52,50	16,75	10,8	234,		
"	18:40	2856	2792	53,58	14,34	11,5	233,		
"	18:50	-	2788	54,70	11,90	11,3	236,		
"	19:00	2951	2950	55,80	09,3	12,0	237,		
"	19:10	2853	2850	57,0	06,8	12,1	234,		
"	19:20	2866	2850	58,1	04,4	12,0	233,		
"	19:30	2754	2748	59,27	01,82	12,0	233,		
"	19:40	2737	2715	52°00,34	1°59,28	11,9	230,		
"	19:50	2622	2600	01,51	56,87	11,6	231,		
"	20:00	2666	2640	02,63	54,52	11,8	230,	J. Gijzel	
"	20:10	2669	2707	52°03,91 S	1°51,91 E	12,3	237,		
"	20:22	2695	2663	05,3	49,0	12,2	231,		
"	20:30	2776	2688	06,3	47,0	12,3	232,		
"	20:40	2811	2783	7,4	44,4	12,3	234,		
"	20:50	2765	2735	8,6	41,8	12,4	233,		
"	21:00	2813	2772	9,7	39,2	12,1	232,		
"	21:10	2810	2768	10,9	36,6	12,2	232,		
"	21:20	2727	2692	12,1	33,8	12,3	237,		
"	21:30	2747	2710	13,3	31,3	12,8	232,		
"	21:40	2774	2734	12,7	28,8	12,6	232,		
"	21:50	2775	2675	15,8	26,0	12,2	232,		



PS-FRQ [kHz]	PS-F0	REC-FRQ [kHz]	REC-L [m/s]	WAIT [s]	RED [%]	DESC ROLLE
4	2	40	359	0	0	S

BEMERKUNGEN

Bandwechsel 77



Meine Kleidung parst!

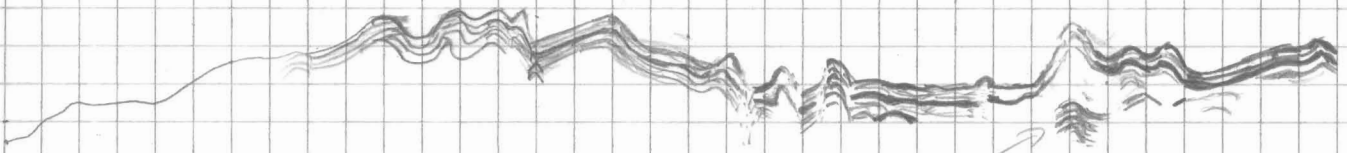
Hydrosweep verlore klar?

4 2 40 359 0 0 S Um 20:10 klassisches Schallecho

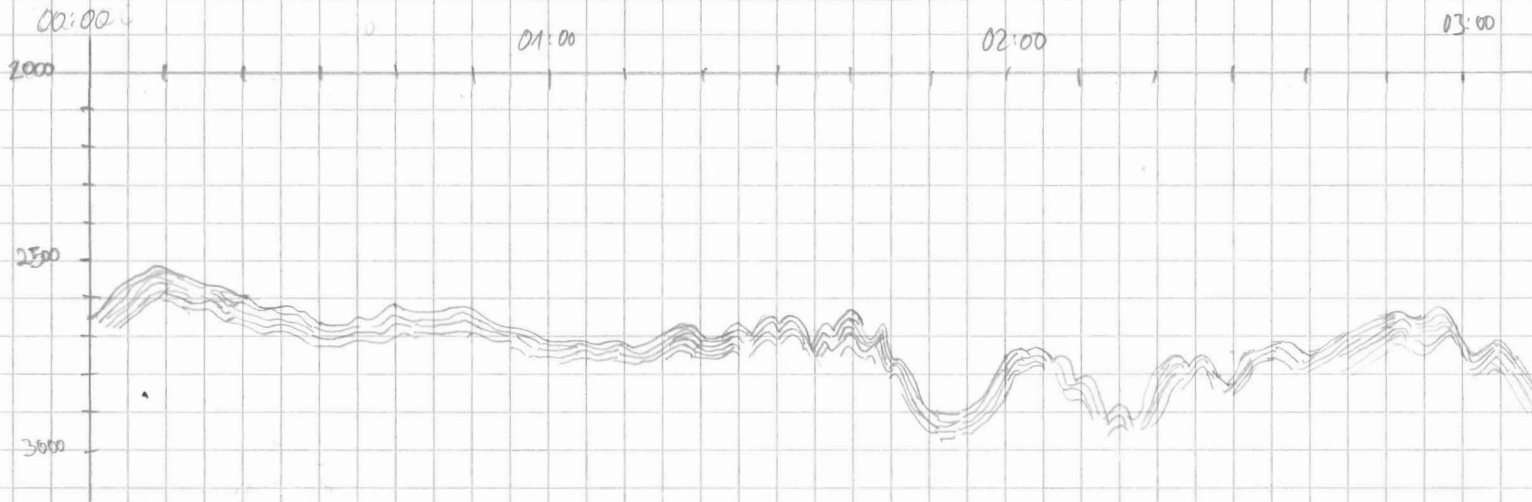
19:00 19:30 20:00 20:30 21:00 21:30 22:00

Starker Reflektor
in ca. 25 m Tiefe
mit ~~st.~~ ~~höher~~
als ~~als~~
Boden echo. => Porzellanit ??

Plötzlich aufsteigende
deutliche Reflektoren
in ca. 180 m Tiefe



Date	Time	Tiefe		Position		Speed [Kn]	Course [°]	Wache
		PS	HS	Lat	Long			
14.4.	22:00	2684	2645	52°17,4'S	10°22,8'E	12,4	232	Grigel
	22:10	2663	2634	52°18,2'S	10°21,0'E	12,6	231,7	Sandra Rose Kloff
	22:30							
15.4	00:00	2643	2605	52°19,4 S	10°17,9 E	4.0	258	David Völkner
	00:15	2518	2500	21.1 S	14.6 E	11.2	232	
	00:20	2570	2539	21.5 S	13.7 E	11.0	230	
	00:30	2630	2582	22.6 S	11.3 E	11.3	234	
	00:40	2613	2617	23.7 S	08.7 E	11.8	237	
	01:00	-	2705	26.6 S	04.1 E	11.6	232	
	01:10	2706	2673	27.5 S	00.9 E	11.8	233	
	01:20	2669	2647	28.5 S	0°58.5 E	12.0	233	
	01:30	-	2640	29.5 S	56.5 E	12.0	233	
	01:40	-	2836	30.6 S	54.0 E	11.8	234	
	01:50	-	2753	31.8 S	51.3 E	11.9	238	
	02:00	2767	2758	32.9 S	48.9 E	11.6	237	
	02:10	2814	2783	34.2 S	46.0 E	11.9	232	
	02:20	-	2781	35.0 S	44.3 E	11.6	232	
	02:30	2767	2745	36.2 S	41.8 E	11.6	232	
	02:40	-	2774	37.4 S	39.4 E	11.0	232	
	02:50	2689	2659	38.4 S	37.3 E	11.5	232	
	03:00	2688	2656	39.7 S	34.5 E	11.0	234	
	03:10	2839	2803	40.7 S	32.2 E	11.7	233	
	03:20	-	2819	41.8 S	29.3 E	11.5	231	
	03:30	2776	2761	42.9 S	27.5 E	10.7	233	
	03:40	2845	2815	43.9 S	25.1 E	11.0	233	
	03:50	2757	2719	45.0 S	22.8 E	11.1	233	
	4:00	-	2776	46.1	20.4 E	11.4	232	Bernnd Laser
	4:10	2688	2660	47.3	18.1 E	11.4	231	
	4:20	2647	2615	48.5	15.4 E	11.1	231	
	4:30	2673	2662	49.5	13.3 E	11.5	233	
	4:40	-	2688	50.6	10.8 E	11.7	234	
	4:50	2706	2696	51.7	8.3 E	11.8	233	
	5:00	2707	2676	52.9	5.7 E	11.6	234	
	5:10	2618	2585	54.0	3.1 E	12.0	234	
	5:20	2653	2606	55.1	0.6 E	12.2	234	



53 r/m/v

PS-Freq [kHz]	PS-Pu	Rec-Freq [kHz]	Rec L [m/s]	Wait [s]	Red. [%]	Deso Roll
5,5	2	40	359	0	0	8
"	"	40	"	"	0	"
				30		
5,5	4	40	559	0	0	8

BEMERKUNGEN

22:36 STATION ERREICHT
106

23:45 Badwechsel 78 → 79

4 2

PS-FREQ. UND AUSLANGE UNBESTEHT
(VERGESSEN!) MEA CULPA DAD

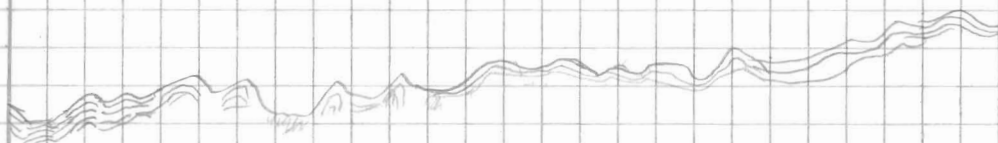
03:28 Badwechsel #79 → 80

Wo ist Max Amplitude? Heute nicht da? Nur die Schurken Hydrosweep und Parasound liegen sich blicken. Ein schwarzer Tag für die Menschheit!

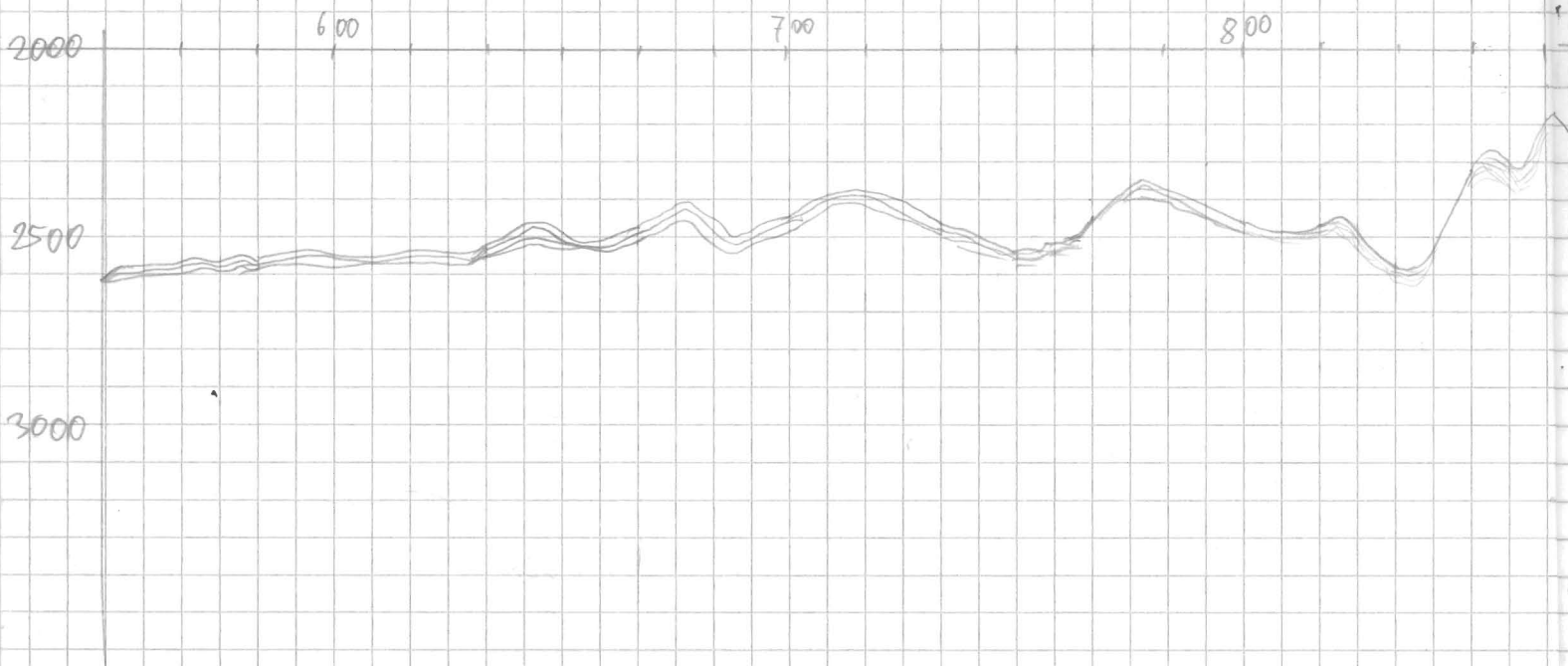
03:16

04:00

5:00



DATE	TIME	TIEFE		POSITION		SPEED [km]	COURSE [°]	WACHE zu mirr!	
		RS	HS	LAT	LONG				
15. 4.	5:30	2603	2573	52° 56.5 S	0° 2.1 W	12.3	232	Bernot Laser	
	5:40	2576	2536	57.6	4.6 W	12.2	233		
	5:50	2578	2535	58.1	7.6 W	12.1	233		
	6:00	2529	2494	53° 0.1 S	9.8 W	12.1	234		
	6:10	2538	2498	1.2	12.3 W	11.7	232		
	6:20	2544	2507	2.4	15.0 W	12.2	234		
	6:30				W				
	6:40	2551	2513	4.9	20.3 W	12.8	233		
	6:50	2552	2515	6.8	23.1 W	12.9	232		
	7:00	2510	2475	7.3	25.7 W	12.3	232		
	7:10	2412	2378	8.6	28.4 W	12.5	234		
	7:20	2523	2485	9.8	31.0 W	12.3	234		
	7:30	2682	2691	11.0	33.5 W	12.3	234		
	7:40	2615	2570	12.3	36.4 W	12.9	234		
	7:50	2539	2496	13.7	39.5 W	13.0	236		
	8:00	2577	2531	14.8	42.2 W	12.7	237	K. Michals	
	8:10	2470	2423	15.8	44.4 W	12.9	236		
	8:20	2587	2541	17.1	47.1 W	12.7	231		
	8:30	-	2310	18.4	49.6	12.7	231		
	8:40	2191	2178	19.8	52.3	13.0	237		
	8:50	2463	2432	20.9	55.1	12.7	234		
	9:00	2367	2350	22.1	57.9	12.8	234		
	9:10	2409	2381	23.1	1° 00.2	1.3	264		
	11:30								16. Spitz
	11:40								
	11:50	2	2260	53° 28.9 S	1° 13.5 W	12.2	239		
	12:00	2463	2426	29.9 S	16.0 W	12.6	239		
	12:10	2365	2327	31.1 S	19.7 W	12.6	236	Nann	
	12:20	2	2387	32.2 S	22.0 W	12.6	236		
	12:30	2	2408	33.3 S	24.5 W	12.7	235		
	12:40	3036	2986	34.4 S	27.4 W	12.5	236		
	12:50	2	2286	35.5 S	30.3 W	12.6	234		
	13:00	2196	2184	36.8 S	33.1 W	12.5	233		
	13:10	2052	2029	37.9 S	35.8 W	12.8	235		
	13:20	2	1958	39.0 S	38.6 W	12.4	235		
	13:30	2100	2089	40.1 S	41.3 W	12.8	235		



RS-Freq	RS-PV.	REC.Freq	REC.L	Wout	RED.	DES
[kHz]		[kHz]	[ms]	[s]	[%]	ROLLE
4	2	40	359	0	0	8

BEMERKUNGEN

0°0'0" E → DW! um 5:23:47

Say it's a dirty job but someone's gotta do it!

Meditationsphase des Wächters...

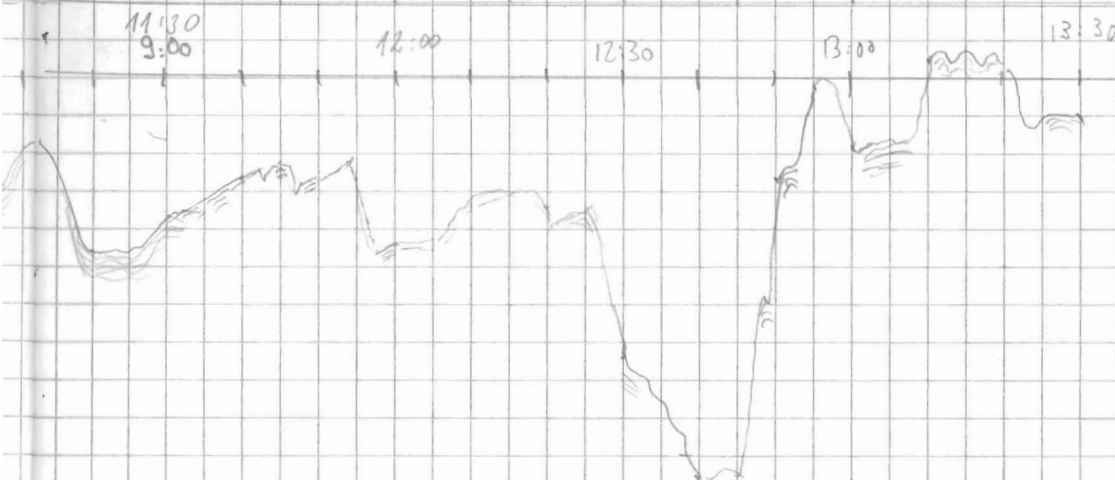
7:38 Bandwechsel 80 → 87

Station 9:08 53°23.1 S
1°00.2 W

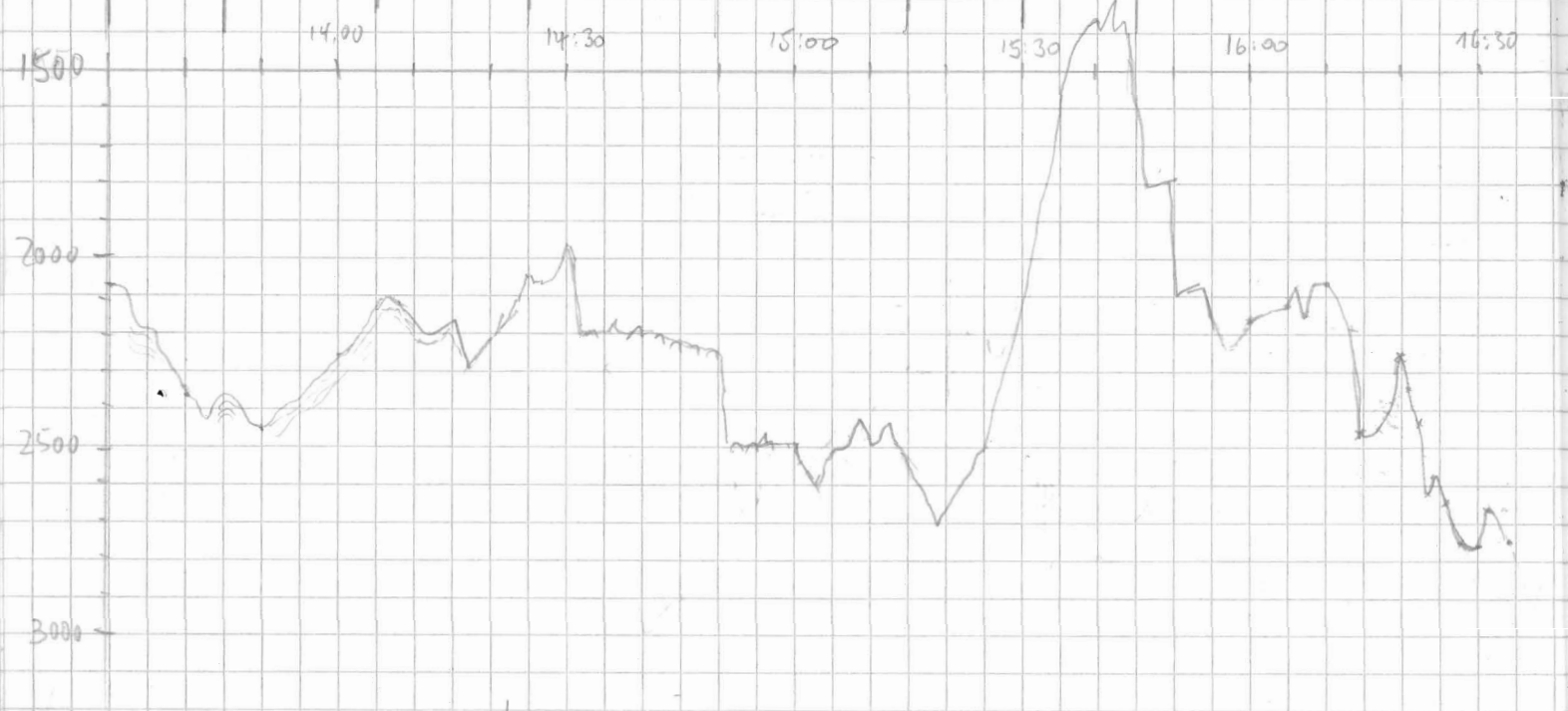
Stationsende verpasst, keiner auf Wache!

200

12:19 HP error DATU Neuprogrammierung



DATE	TIME	TIEFE		POSITION		SPEED [kn]	COURSE [°]	WACHE
		PS	HS	LAT	LONG			
15.4	13:40	2410	2379	53° 41,3 S	1° 44,1 W	12,6	233	Nimm " " " Spieß
	13:50	2485	2449	42,5 S	46,8 W	12,6	234	
	14:00	2392	2363	43,6 S	49,5 W	12,9	233	
	14:13	2206	2187	45,2 S	53,3 W	12,7	233	
	14:20	2200	2151	45,9 S	55,2 W	12,6	234	
	14:30	1970	1985	47,2	58,1 W	12,9	235	
	14:40	2237	2210	48,3	2° 00,8 W	12,6	234	
	14:50	2477		49,5	03,5	12,4	234	
	15:00	2547	2513	50,9	06,9	12,7	234	
	15:10	2560	2530	52,0	09,4	12,7	234	
	15:20	2670	2639	53,0	11,8	12,5	234	
	15:33	4	1471	54,5	15,5	12,9	236	
	15:40		1553	55,3	17,6	12,5	237	
	15:50		2130	56,4	20,4	12,4	236	
	16:00	-	2081	57,7	23,4	13,0	234	Gr. Schwall
	16:10	2069	2108	58,8	26,1	12,8	234	
	16:20	2266	2280	54° 00,0	29,0	12,6	235	
	16:30	2765	2742	01,1	31,8	12,8	236	
	16:40	2788	2776	02,3	34,7	12,5	237	
	16:50	2624	2576	03,5	37,6	12,7	235	
	17:00	2456	2434	04,7	40,6	13,0	233	
	17:10	2528	2457	05,9	43,5	12,8	235	
	17:20	-	2638	07,1	46,4	12,8	234	
	17:30	2825	2801	08,3	49,4	13,1	236	
	17:40	2214	2175	09,6	52,4	12,8	235	
	17:50	2324	2302	10,8	55,3	12,8	234	
	18:00	-	2377	12,0	58,3	12,8	235	Cormen Jung
	18:10	2616	2542	13,2	3° 01,2	13,2	236	
	18:20	2903	2843	14,4	04,0	13,1	235	
	18:30	-	2319	14,9	6,9	11,1	276	
	18:40	2373	2305	14,7	10,2	12,6	274	
	18:50	2354	2339	14,6	13,4	11,8	276	
	19:00	2375	2330	14,4	16,5	11,8	274	
	19:10	2349	2283	14,2	19,8	11,7	281	
	19:20	-	2076	12,9	21,5	11,4	324	
	19:30	-	2024	11,2	23,6	12,1	320	



RS-FRQ [kHz]	RS-PU	DEO-FRQ [kHz]	REC-L [m/s]	WRT [s]	RED [%]	DES ROLLE
4	2	40	200	0	0	8
"	"	"	"	"	"	"
4	2	40	200	0	0	8

REMERKUNGEN

Baudw 81 → 82

4	2	40	266	0	0	8
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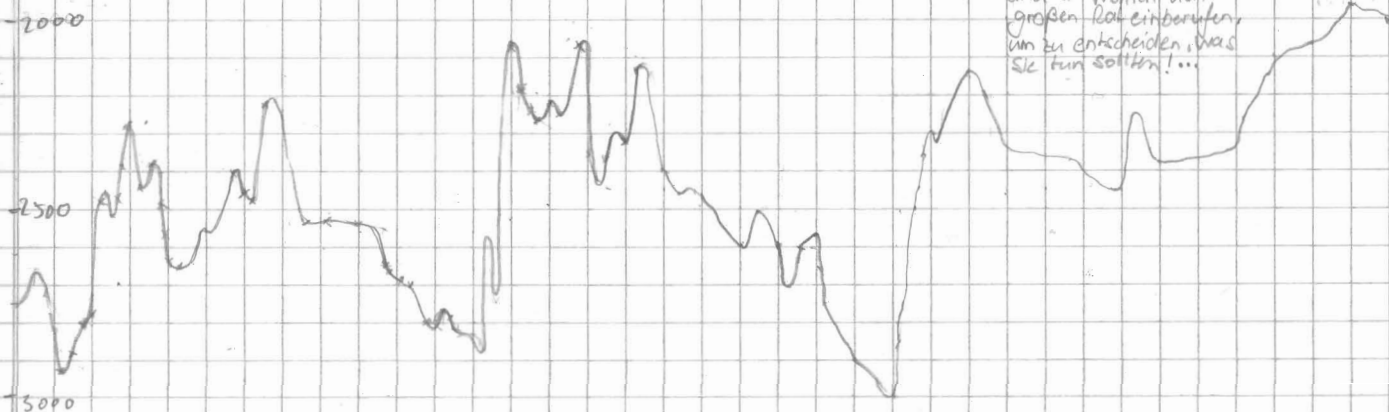
9 DESO-Rollenwechsel 8 → 9
PARASOUND-Reset wegen DESO-Rollenwechsel

4	2	40	266	0	0	9
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16:30 17:00 17:30 18:00 18:30 19:00 19:30



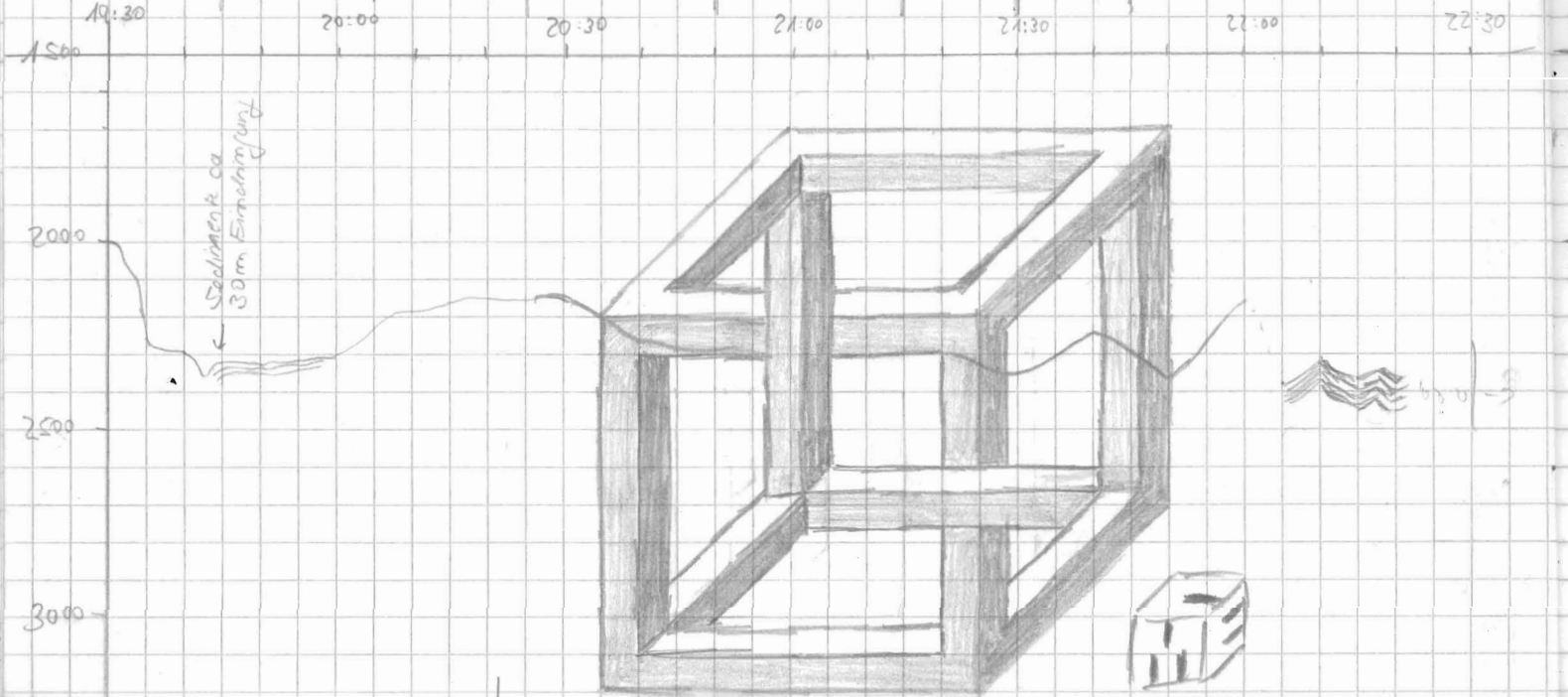
... das Seepferdchen ist müde, vom vielen Schwimmen mit den Änquinen. Sie hatten den ganzen Tag ein vielstündiges Schiffverfolg. Auf diesem Schiff kann es nicht mit rechten Dingen zugehen! Und sie wollten den großen Kat einberufen, um zu entscheiden, was sie tun sollten!...



DATE	TIME	TIEFE		POSITION		SPEED	COURSE	WACHT	PS
		RS	HS	LAT	LONG				
15.4.	19:40	2300	2265	54°09,7	3°25,5	12,1	324	Cormen J.	H
	19:50	2339	2301	8,2	27,4	12,2	323		
	20:00	2295	2256	6,65	29,33	12,1	323	Budow	
	20:10	2191	2150	5,10	31,27	11,7	322		
	20:20	2141	2096	4,36	30,64	9,1	129		
	20:30	-	2164	5,47	32,45	12,6	235		
	20:40	2249	2203	6,83	35,34	13,1	234		
	20:50	2297	2256	8,12	38,16	12,9	242		
	21:00	2294	2253	7,84	37,99	8,1	148		
	21:10	2302	2265	9,50	35,86	13,3	143		
	21:20	-	2295	11,30	33,55	13,3	143		
	21:30	-	2240	13,15	31,19	13,5	144		
	21:40	2283	2346	14,82	29,68	8,0	146		
	21:50	-	2379	14,14	29,80	8,3	250		
22:00	2176	2166	13,58	32,71	11,6	287			

15.4	22:10	2285	2300	54°22,8'S	3°36,4'W	11,5	285	G-jel
	22:20	2368	2379	12,3	38,9	11,7	288	
	22:30	2300	2251	14,8	41,9	11,0	286	
	22:40	-	2252	17,2	45,7	11,4	289	
	22:50	-	2098	10,9	44,9	8,1	194	
	23:00	-	2398	12,4	45,9	13,3	200	
	23:10	-	2674	14,6	47,7	13,4	196	
	23:20	2758	2706	16,5	48,4	12,8	230	
	23:32	2749	2695	16,0	47,5	13,0	107	
	23:40	2740	2697	16,6	48,2	13,5	108	

16.4.	00:00	-	2520	17,9	37,4	13,6	106	David Völker
	00:10	2507	2509	18,5 S	34,0 W	13,5	107	
	00:20	2684	2580	19,8 S	29,9 W	13,0	127	
	00:30	2816	2700	20,7 S	27,6 W	13,1	127	
	00:40	2886	2842	21,9 S	25,3 W	12,7	150	
	00:50	2393	2370	24,6 S	22,6 W	13,1	150	
	01:00	-	1856	25,5 S	21,5 U	13,1	148	
	01:10	-	1183	27,3 S	19,8 W	13,1	147	
	01:20	-	1882	28,9 S	19,1 W	12,8	169	
	01:30	2672	2634	31,3 S	18,3 U	12,9	166	

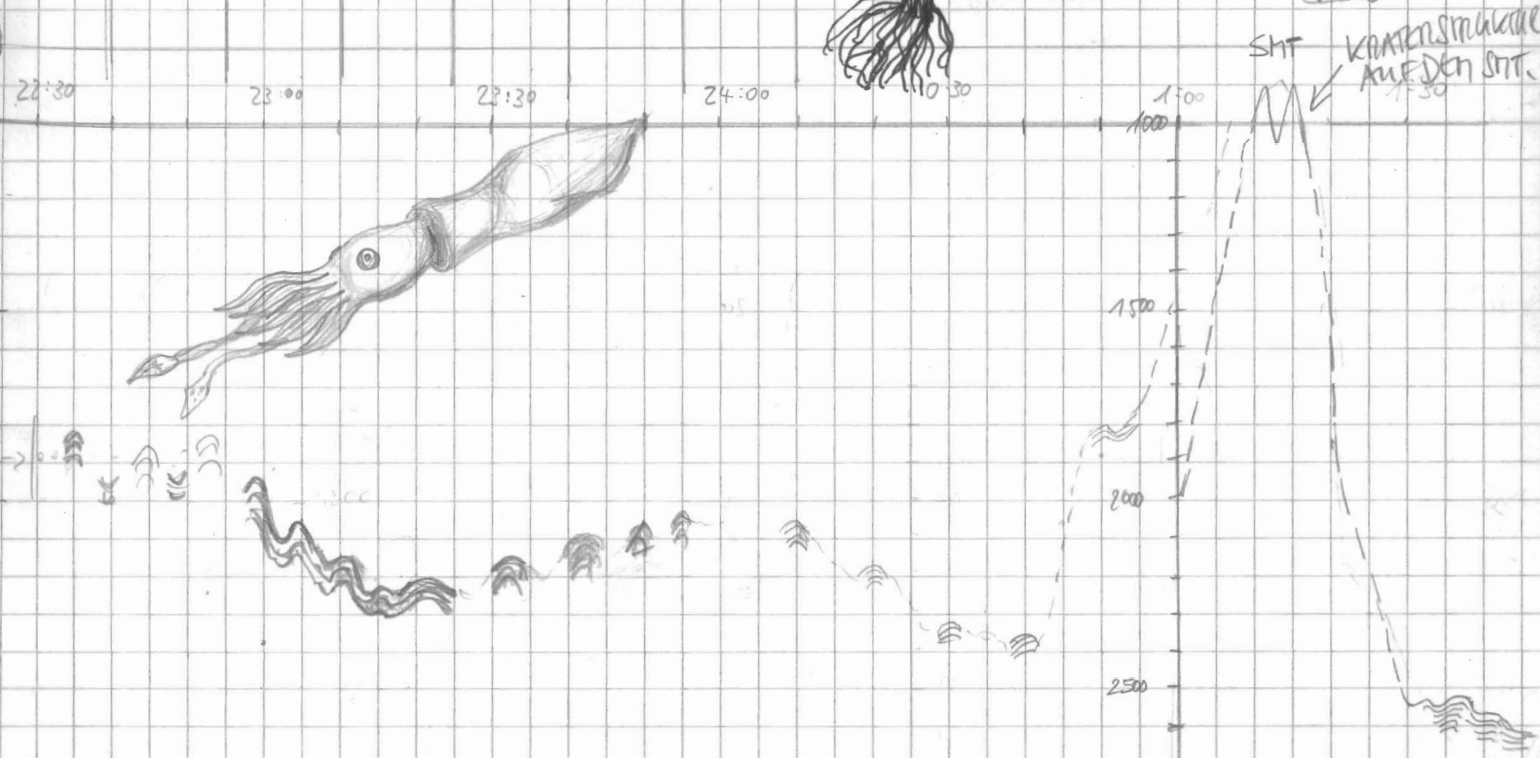
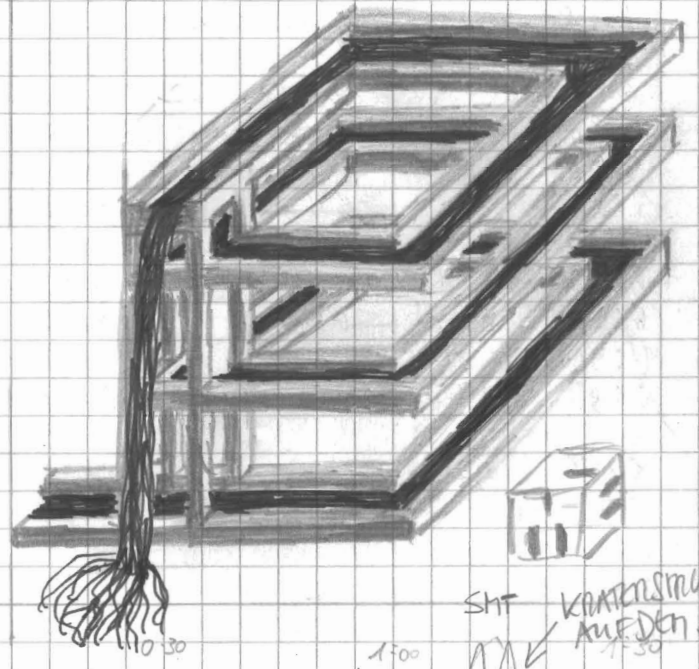


BEMERKUNGEN

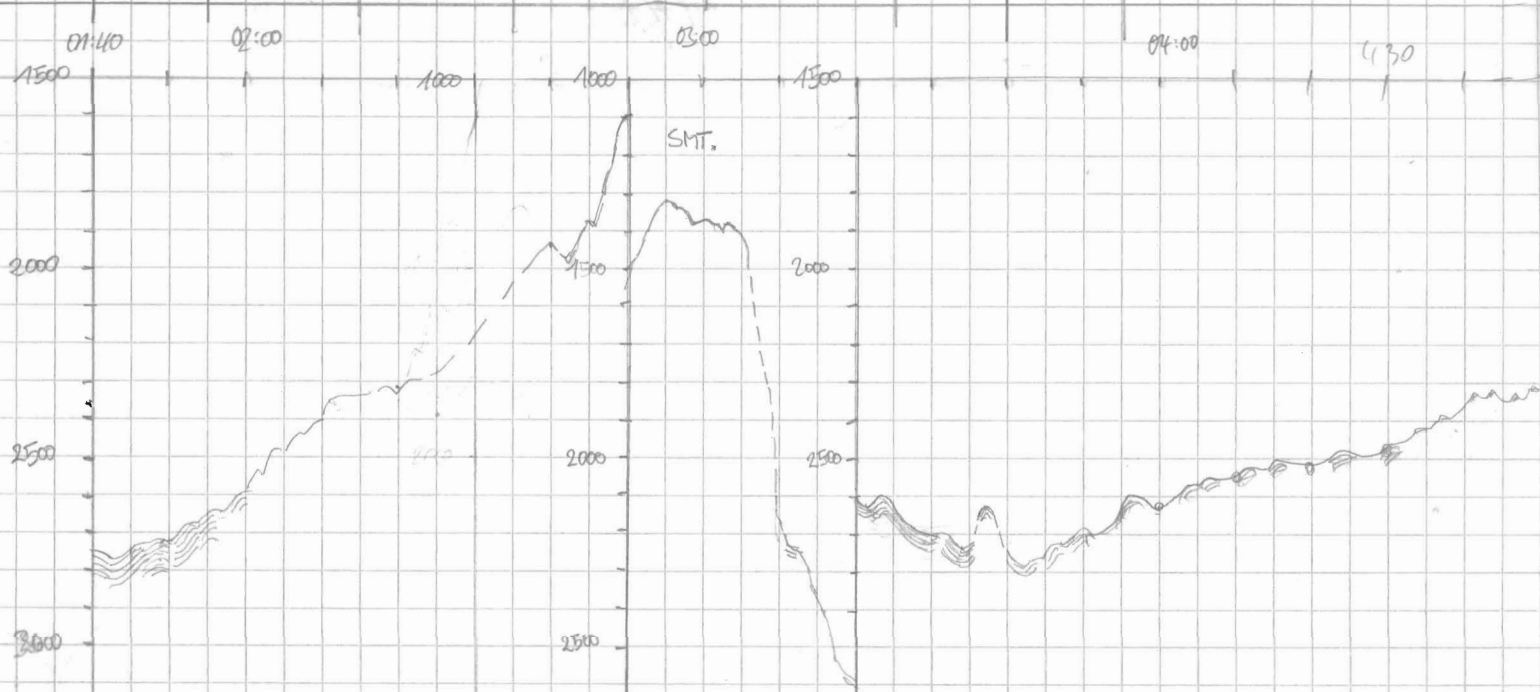
PS-FRQ [kHz]	PS-PU	REC-FRQ [kHz]	REC-L [m/s]	Wait [s]	Red [%]	DESO ROLLE
4	2	40	266	0	0	9

4 2 40 266 0 0 9

Vielles Bod im offen Lauf
 13. d. d. 20:32, neues Bod
 27:07 e. gelegt



Date	Time	Tiefe		Position		Speed [km/h]	Course [°]	WächterIn	
		PS	HS	Lat	Long				
16.4	01:40	2748	2704	54° 32.3 S	3918.4 W	7.4	9.1	DAVID VÖLKER	
	01:50	2725	2674	31.7 S	15.3 W	12.2	71.5		
	02:00	2699	2686	31.0 S	12.3 W	12.4	69.3		
	02:10	-	2418	30.3 S	09.0 W	11.7	72.6		
	02:20	2380	2358	29.6 S	05.7 W	12.8	68.3		
	02:30	2233	2230	29.1 S	02.2 W	8.2	238.7		
	02:40	-	1932	28.5 S	03.9 W	10.5	300.1		
	02:50	-	1577	27.5 S	06.4 W	10.6	306.0		
	03:00	-	1386	26.3 S	08.8 W	10.6	341.0		
	03:10	-	2116	24.7 S	10.4 W	11.6	331.0		
	03:20	2578	2533	23.1 S	11.9 W	11.4	331.0		
	03:30	2687	2638	21.7 S	13.8 W	11.6	322.0		
	03:40	2735	2677	20.2 S	15.9 W	11.4	321.0		
	03:50	2729	2670	19.2 S	17.7 W	8.2	169.0		
	4:00	2685	2625	18.4	15.1	11.5	88		Bernel laser
	4:10	-	2541	18.5	8.2	12.4	98		
	4:20	-	2537	18.9	7.9	12.4	97		
	4:30	2522	2476	20.2	4.5	12.1	98		
	4:40	2393	2348	20.4	0.9	12.7	97		
	4:50	2357	2349	20.3	2° 58.3 W	8.9	313		
	5:00	2428	2392	21.8	59.0	12.6	181		
	5:10	-	2352	23.6	58.6	8.0	66		
	5:20	-	2381	23.1	3° 0.6 W	11.3	276		
	5:30	-	2475	22.9	3.3	10.5	276		
	5:40	2527	2458	22.8	6.5	10.2	276		
	5:50	-	2543	22.7	9.5	10.4	277		
	6:00	2631	2598	22.1	11.1	10.5			
	6:10	2689	2651	21.5	14.6	10.4	293		
	6:20	2737	2680	20.8	16.9	8.6	292		
	6:30	2682	2660	20.3	18.9	8.2	293		
	6:40	2738	2734	19.9	20.1	0.8	174		
	8:00	-	-	-	-	-	-	B. C.	



Ps-Freq [kHz]	Ps-Peak	Rec-Freq [kHz]	Rec-L [m/s]	Wait [s]	Red [%]	Deso Rolle
4	2	40	266	0	0	9

Bemerkungen

SCHWEISSSCHIR GEFÄHREN

02:05 Badwedel #83 → 84

WEITERES SCHWEISSSCHIR

Was soll ich hier? Kreise ziehen über einer Fracture Zone???

Und eine Halse mehr...

Ich krieg nen Drehwurm hier!

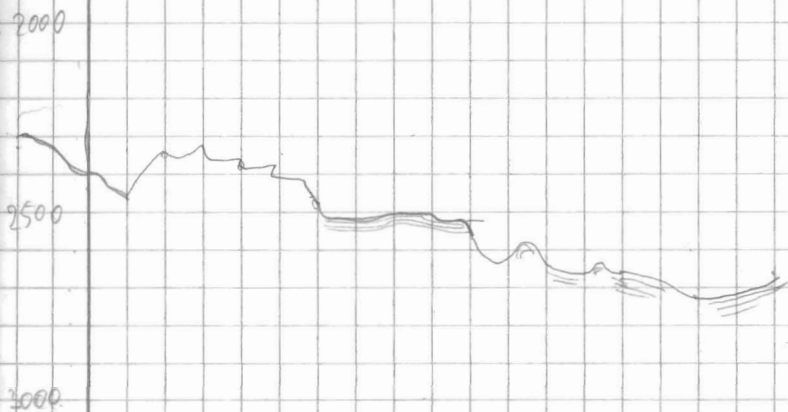
Off Off
4 2

30s
30s

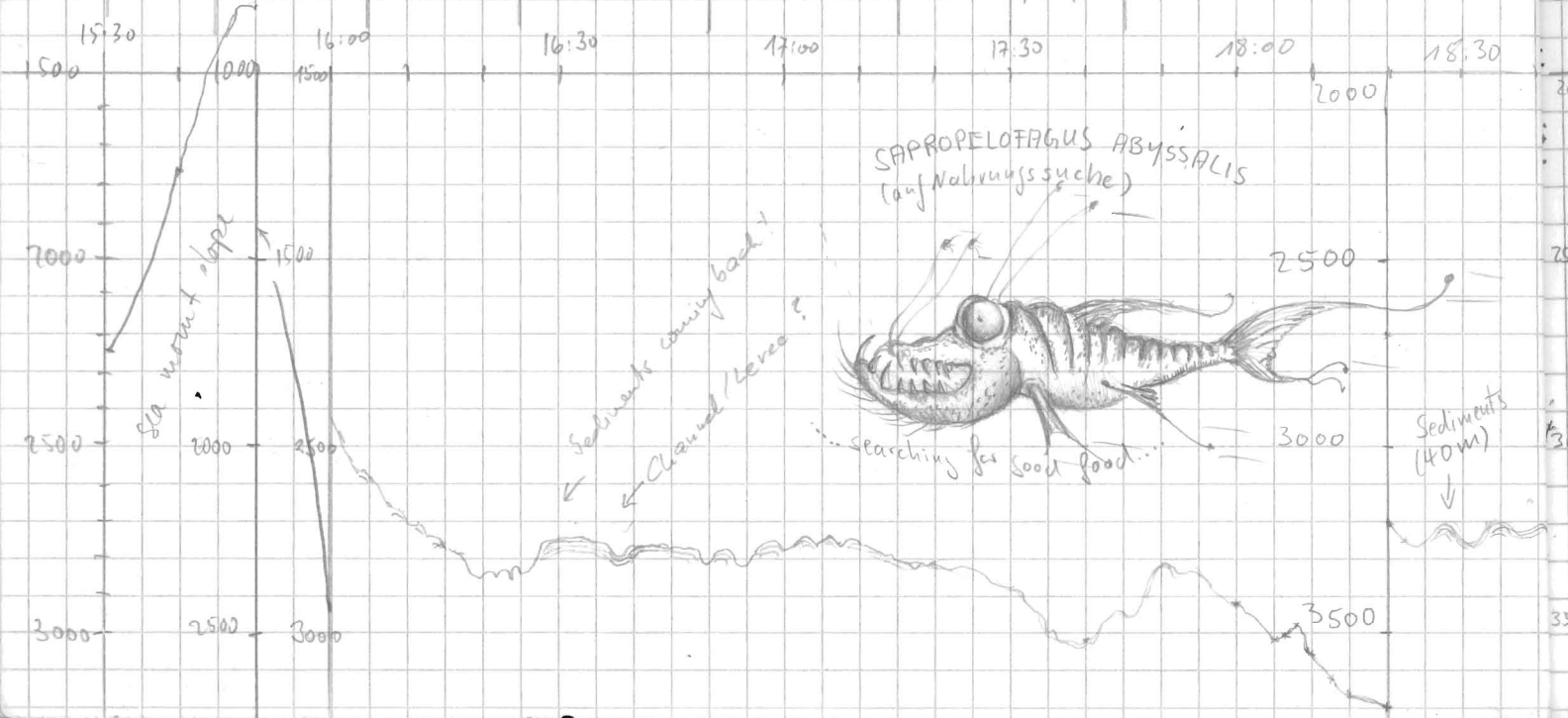
Off

Verankerungsposition erreicht
Tape 89 mit 130MB 7:25 beenden
STORAGE IS OFF!! Wacker off!
7:30 Parasound stand by.
8:00 Parasound wieder an.

5:00 5:30 6:00 6:30 7:00 7:30 8:00



Date	Time	Tiefe		Position		Speed [Kn]	Course [°]	Wache
		PS	HS	Lat	Long			
16.4.	15:30	2491	2442	54° 24,36 S	3° 24,2 W	13,6	205	F. Weise
	15:40	2756	2744	26,34 S	25,9	13,1	209	
	15:50	1591	1428	28,1 S	24,2 W	13,4	152	
	16:00	2443	2418	30,1 S	23,5 W	13,7		10. Spitz
	16:10	2828	2763	32,3 S	23,1 W	13,4	170	
	16:20	2860	2804	34,5 S	22,6 W	13,4	172	
	16:30	2760	2701	36,7 S	22,3 W	13,6	176	
	16:40	2791	2716	38,8 S	22,1 W	13,9	176	
	16:50	2729	2721	41,0 S	21,7 W	13,6	174	
	17:00	2760	2723	43,2 S	21,3 W	13,3	174	
	17:10	2768	2712	45,3 S	21,1 W	13,5	178	
	17:20	2822	2760	47,4 S	20,9 W	13,6	178	
	17:30							
	17:40	3021	2971	51,8 S	20,6 W	12,9	178	
	17:50	3		53,9 S	20,2 W	13,5	175	
	18:00	2919	2883	56,1 S	19,8 W	13,3	176	
	18:10	3060	3010	58,2 S	19,5 W	13,4	176	Gefhard Schmiedl
	18:20	3206	3139	55° 00,5 S	19,0 W	13,7	176	
	18:30	3230	3182	02,7 S	18,7 W	13,1	174	
	18:40	3208	3165	04,8 S	18,4 W	13,3	176	
	18:50	3044	3041	06,9 S	18,2 W	13,4	176	
	19:00	3072	3034	09,1 S	18,0 W	13,2	177	
	19:10	3080	3053	11,2 S	17,8 W	13,2	177	
	19:20	3186	3139	13,3 S	17,5 W	13,3	175	
	19:30	3141	3107	15,4 S	17,2 W	13,3	177	
	19:40	2948	2925	17,6 S	17,0 W	13,4	176	
	19:50	2967	2908	19,7 S	16,8 W	13,1	177	
	20:00	2974	2924	21,9 S	16,6 W	13,3	177	Carmen Jung
	20:10	3091	3045	24,6 S	16,3 W	12,9	177	
	20:20	3189	3128	25,9 S	16,2 W	12,8	177	
	20:30	3074	3081	28,1 S	15,9 W	13,0	176	
	20:40	-	2786	30,0 S	15,8 W	12,9	175	
	20:50	-	2106	32,0 S	15,5 W	12,8	178	
	21:00	-	1951	34,2 S	15,2 W	12,8	175	
	21:10	2764	2733	36,1 S	14,9 W	12,7	174	
	21:20	3661	3624	38,3 S	14,6 W	13,0	174	



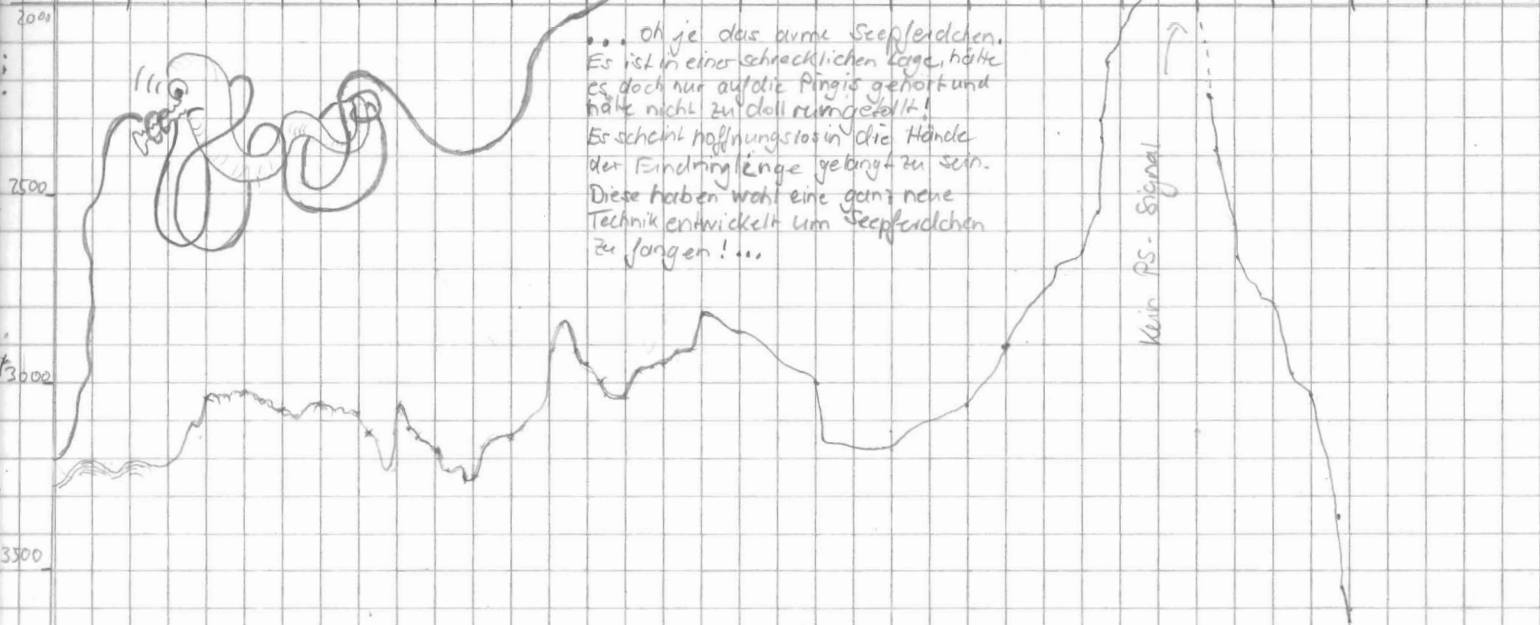
PS-Freq [kHz]	PS-Pn	Rec-Freq [kHz]	Rec-L [m/s]	Wahl CS	RES [%]	Deso Polt
58	2	40	200 m	8	8	9

verlassen station ca 15:15

Frequenz umgestellt !

Bandwechsel 85 → 86 ! 20:07

18:30 19:00 19:30 20:00 20:30 21:00 21:30



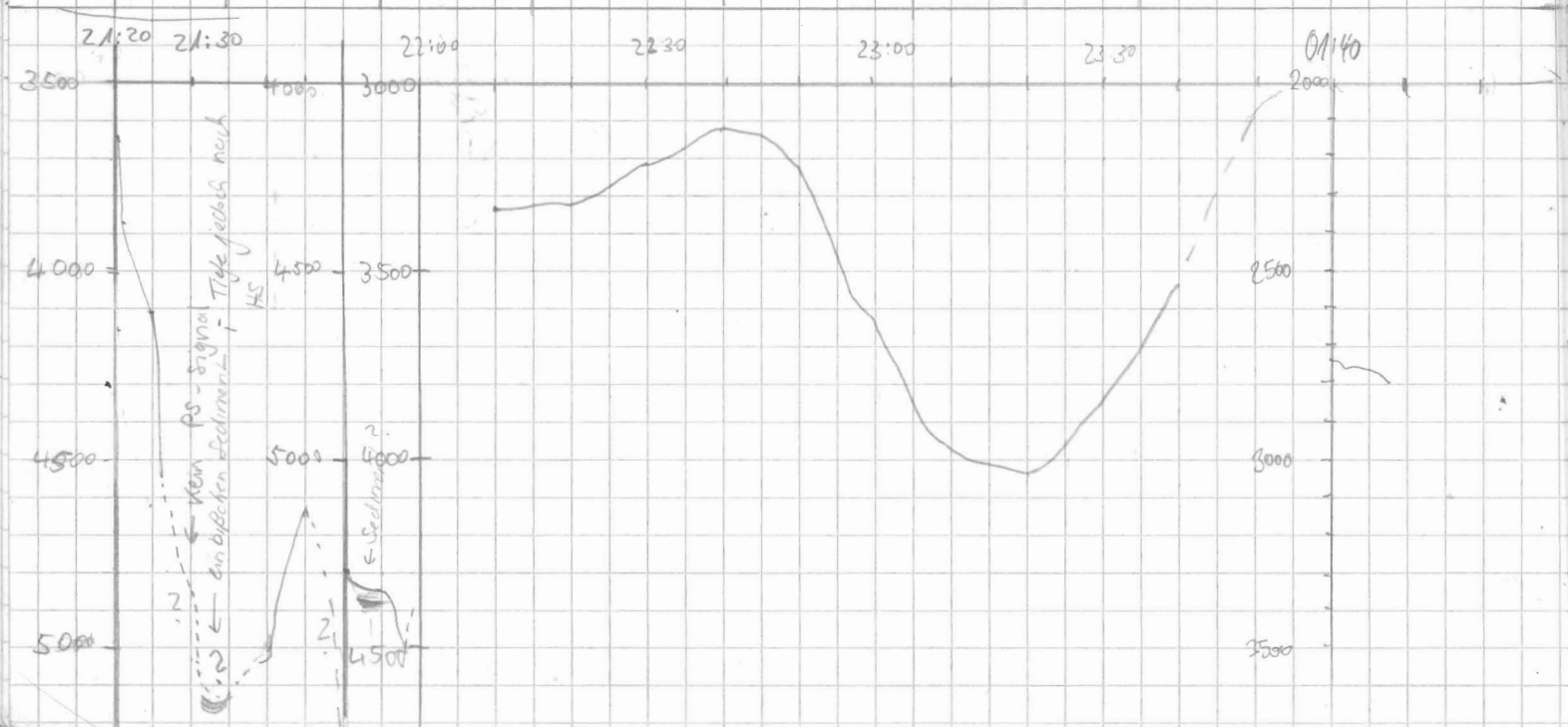
... oh je das arme Seepferdchen.
 Es ist in einer schrecklichen Lage, hätte
 es doch nur auf die Pingis gehört und
 hätte nicht zu doll rumgedreht!
 Es scheint hoffnungslos in die Hände
 der Eindringlinge gebergt zu sein.
 Diese haben wohl eine ganz neue
 Technik entwickelt um Seepferdchen
 zu fangen! ...

PARADISE

Tach	Zeit	AS	Tiefe HS	Lat	Position Lon	Spiet kurs	Mensch
16.4	21:30	-	4926	49.75	14.2W	12.8 175	Cauman Jung
	21:40	-	4938	42.65	14.8W	12.8 175	
	21:50	4200	4955	44.55	13.6W	12.6 175	M. Rudow
	22:00	4440	4554	46.45	13.3W	13.0 175	
	22:10	/	3342	48.55	12.93	12.8 175	
	22:20	3382	3340	50.57	12.53	13.0 175	
	22:30	/	3226	52.57	12.30	12.7 176	
	22:40	/	3129	54.66	12.00	12.9 176	
	22:50	/	3237	56.72	11.70	12.6 178	
	23:00	-	3621	58.71	11.73	12.4 180	
	23:10	3987	3381 56	00.76	11.55	12.8 175	
	23:20	-	4053	2.75	11.10	12.7 177	
	23:30	-	3875	4.76	10.51	12.7 172	
	23:40	-	3031	6.73	9.96	12.4 174	
	23:50	/	2780	8.66	10.11	8.3 186	

Station


17.04.	01:42	-	2700	09.0 S	08.5 W	8.6 134	David Völker
	01:50	-	2806	11.0 S	08.2 W	13.5 182	
	02:00	2935	2895	12.7 S	08.2 W	13.5 176	
	02:10	2935	2895	12.7 S	08.2 W		
	02:25	3388	3290	17.9 S	08.1 W	13.7 181	
	02:30	-	3483	19.0 S	08.1 W	13.7 180	
	02:40	3610	3581	21.3 S	08.2 W	13.7 180	
	02:50	3828	3810	23.5 S	08.4 W	13.8 183	
	03:00	3961	3919	25.6 S	08.5 W	14.0 181	
	03:10	3783	3760	27.9 S	08.6 W	13.9 183	
	03:20	3215	3205	29.8 S	08.8 W	13.6 183	
	03:30	-	3222	32.7 S	08.7 W	14.7 176	
	03:40	-	3514	34.5 S	08.4 W	13.4 182	
	03:50	3447	3360	36.5 S	08.5 W	13.6 179	
	04:00	?	??	!	!!	???	
	4:10	3271	3203	40.8	8.1	13.5 177	Bernd Laser
	4:20	3132	3134	42.9	8.0	13.4 179	
	4:30	-	3245	46.1	7.9	13.6 179	



PS-freq Pulse R-Freq R-len Weit Detekted Poso optional
Rolle

4 2 40 200 0 0 9

pieps - pieps - pieps - pieps - pieps - pieps
Hilfe - Ablösung

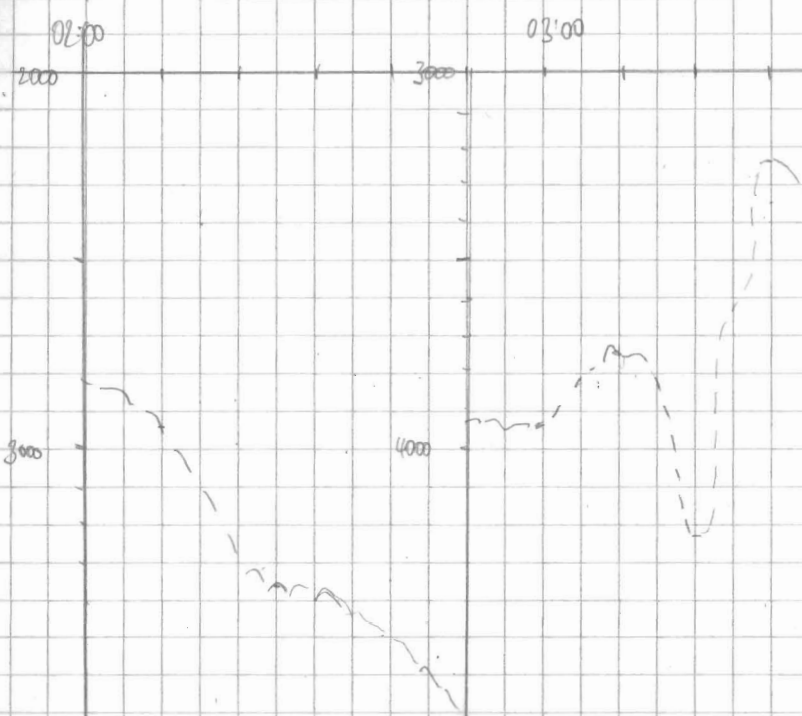
Endliche Station 

4 2 40 200 6 0 9

Ablankung der Station
02:15 Abkehr von Paradigma,
Grund: Kein Papier für
Onlineprofile
02:00 Bodenwechsel # 86 → 87
02:30 - Falt parallel zu
eine Key - bei Bodenwechsel

- 4 2 40 200 6 0 9

Wechwechsel



SO HATTE SICH SAPHROPELAGUS
ABSSANS DIE SACHE MIT
DEN NATURLIGSSACHE
NICHT VORGESTELLT

Date	Time	Depth		Position		Speed	Course	Watch (Dog)	PS
UTC	UTC	PS m	HS m	Lat	Lon	km	°		
17. 4.	4:40	3346	3239	56° 48.1 S	3° 07.8 W	13.5	179	Bernel Laser	
	4:50	3108	3117	49.5	7.7	13.6	179		
	5:00	-	3187	51.6	7.5	13.9	177		
	5:10	-	3332	53.8	7.3	23.8	178		
	5:20	3557	3530	56.0	7.1	13.6	178		
	5:30	3665	3582	58.1	7.0	13.8	179		
	5:40	3820	3770	57° 0.3 S	6.9	13.5	179		
	5:50	-	3851	57° 2.5	6.7	13.4	179		
	6:00	3950	3966	4.5	6.7	13.4	180		
	6:10	4020	4110	6.6	6.6	13.6	180		
	6:20	4440	4372	8.7	6.5	13.7	180		
	6:30	-	4336	10.8	6.3	13.2	179		
	6:40	4285	4257	13.2	6.2	13.4	178		
	6:50	3983	3917	15.3	6.0	13.3	178		
	7:00	3926	3969	17.2	5.8	13.2	178		
	7:10	3862	3800	19.3	5.7	13.2	180		
	7:20	3923	3867	21.5	5.7	13.1	180		
	7:30	-	3760	23.7	5.7	13.3	178		
	7:40	3821	3746	26.1	5.6	13.7	177		
	7:50	3769	3718	28.6	5.4	13.3	175		
	8:00	3778	3724	30.1	5.2	13.6	174.8	HELMUT SCHOTTMÜLLER	
	8:10	3695	3639	32.2	4.9	13.5	174.7		
	8:20	-	2841	36.4	4.3	12.9	175.5		
	8:30	-	3468	38.4	4.1	13.0	178.2		
	8:40	-	-	-	-	-	-		
	8:50	3663	3608	40.5	4.0	13.2	178.1		
	9:00	-	3671	42.6	3.9	13.1	180.7		
	9:10	-	3758	44.6	3.9	13.1	180.2		
	9:20	-	3827	46.7	4.0	13.0	180.9		
	9:30	4009	3964	48.8	3.9	13.3	178.4		
	9:40	-	4084	50.9	3.7	13.3	176.9		
	9:50	4245	4171	53.0	3.5	13.3	178.2		
	10:00	4331.5	4277	54.9	3.1	12.9	177.9	Uta Bradkauer	



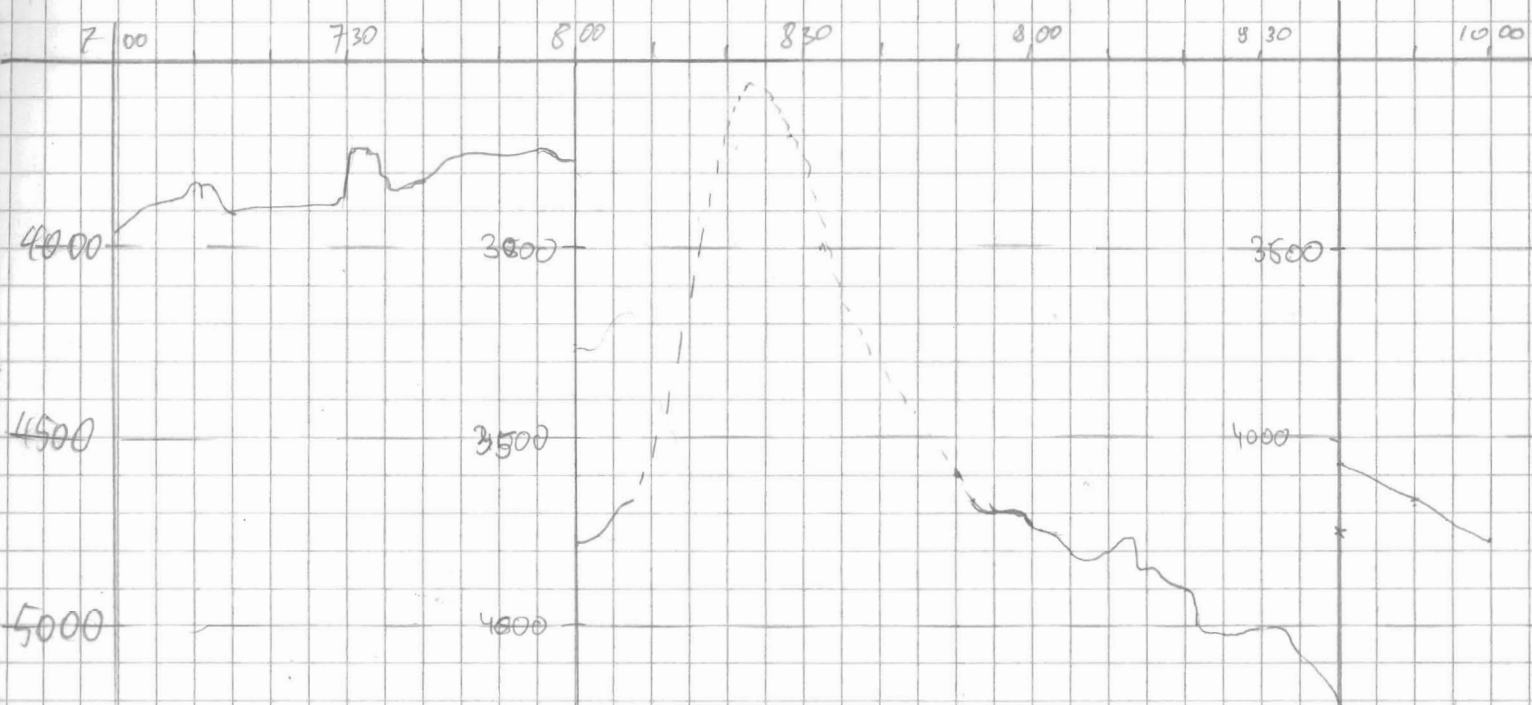
PS-Frequ kHz	Pulse	R-Frequ kHz	R-Len ms	Wait s	PaRe %	Peso Rolle
4	2	40	200	0	0	Neun

IS OAS ?

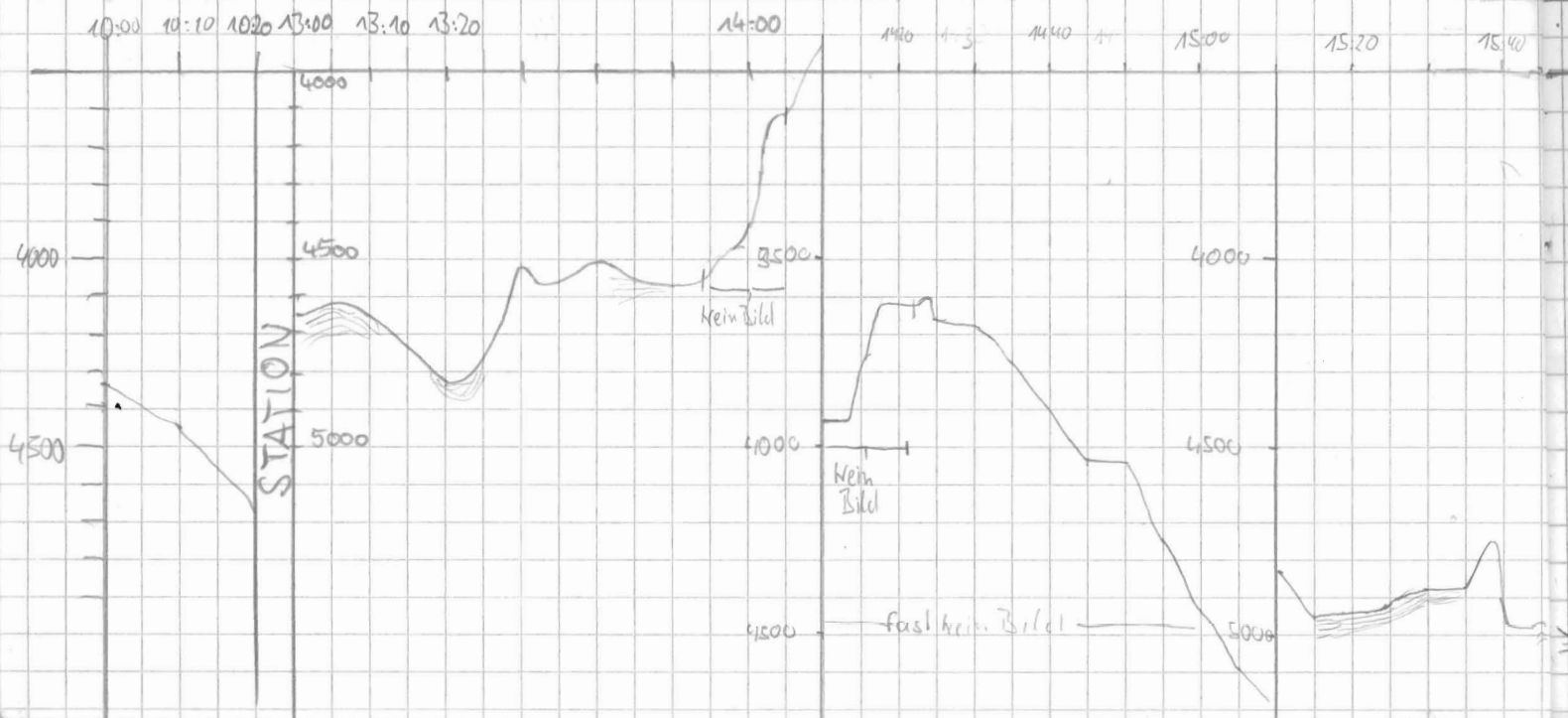
Doc ?

ES SIND KEINE BUNTEN
PJ-CARTRIDGES MEHR DA!

↳ hab' wohl gepennt, oder es hat nicht
geklappt... ☹:



Tach *	Zeit *	PS	Tiefe [m]		Position		Speed	Kurs	Der Richter, der Pieb, der Richter
			175	Breit	Lang				
17.4.	10:10	-	4491	57°57,19 S	3°02,89 W	10,9	175,7	U. Brathmann	
	10:20	4695	4643	58,7	3,0	9,0	231	"	
	10:30	Station 4736	4695	59,3	03,2	0,6	24,3		
	13:00	4851	4651	57°59,2 S	3°01,9 W	5,5	150,3	K. MICHELS	
	13:10	-	4650	58°00,7 S	02,1 W	9,6	188,1	"	
	13:20	-	4834	02,1	02,3	9,7	186,9	"	
	13:30	-	4507	03,7	02,6	9,4	186,8	"	
	13:40	-	4500	05,3	02,9	9,6	184,3	"	
	13:50	4582	4555	07,1	02,7	9,8	177,9	Uwe Frey	
	14:00	-	4389	08,7	02,6	9,9	180,0	"	
	14:10	3927	3918	10,4	02,5	9,9	179,3	"	
	14:20	-	3616	12,2	2,5	10,5	180,4	"	
	14:30	3686	3662	13,8	2,4	10,0	179,0	"	
	14:40	-	3830	15,6	2,4	10,4	180,4	"	
	14:50	4045	4039	17,3	2,5	10,4	179,2	"	
	15:00	-	4388	19,0	2,7	10,4	176,2	"	
	15:10	4838	4777	20,7	2,0	10,7	177,1	"	
	15:20	4942	4910	22,4	2,0	10,9	177,8	"	
	15:30	4882	4862	24,1	1,9	10,7	177,7	"	
	15:40	-	4934	25,9	1,9	10,7	177,0	"	
	15:50	5019	4998	27,5	1,7	10,7	177,9	"	
	16:00	-	4514	58°29,6 S	3°01,6 W	10,5	179	B. Spieß	
	16:10	4375	4322	31,0 S	01,4 W	10,4	179	"	
	16:20	4384	4338	32,6 S	01,4 W	10,8	177	"	
	16:30	-	4485	34,3 S	01,2 W	10,7	178		
	16:40	4616	4580	35,8 S	01,3 W	10,4	181		
	16:50	4683	-	37,7 S	01,2 W	10,6	179		
	17:00	4740	4748	39,3 S	01,1 W	10,4	178		
	17:10	4213	4156	40,9 S	01,0 W	10,8	179		
	17:20	3998	3963	42,6 S	00,9 W	10,3	179		
	17:30	4407	4324	44,2 S	00,9 W	10,3	179		
	17:40	4709	4632	45,8 S	00,7 W	10,4	177		
	17:50	4725	4689	47,5 S	00,5 W	10,3	178		
	18:00	4865	4814	49,2 S	00,5 W	10,3	181		
	18:10	-	-	-	-	-	-		



DSF kHz	PSP #	RF kHz	RL ms	RW s	RR %	DR #
4	2	40	266	.0	.0	9

Schwerze Gedanken ...

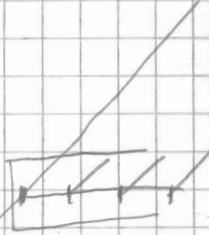
5.5	2	40	266	30.0	.0	9
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STATION

STATIONSENDE; Bandwechsel #87 auf #88

4	2	40	266	0	0	9
---	---	----	-----	---	---	---

10 Papierrolle gewechselt



4	2	40	266	0	0	10
---	---	----	-----	---	---	----

HS Ausfall

2 x Paradygmas Stillstand durch Paint Jet Problem

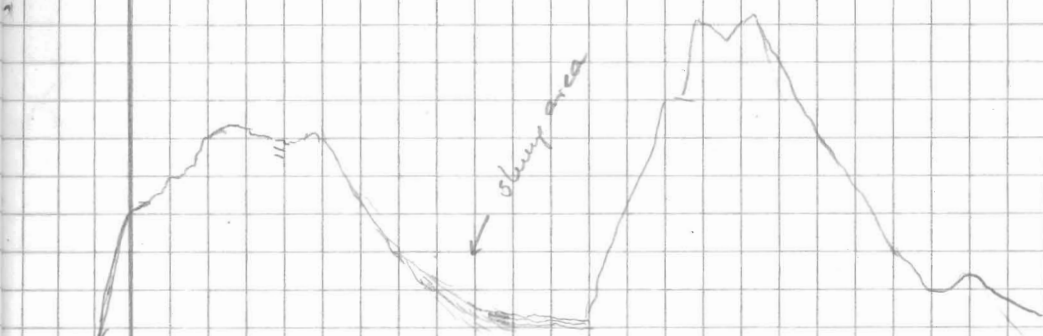
16:00

16:30

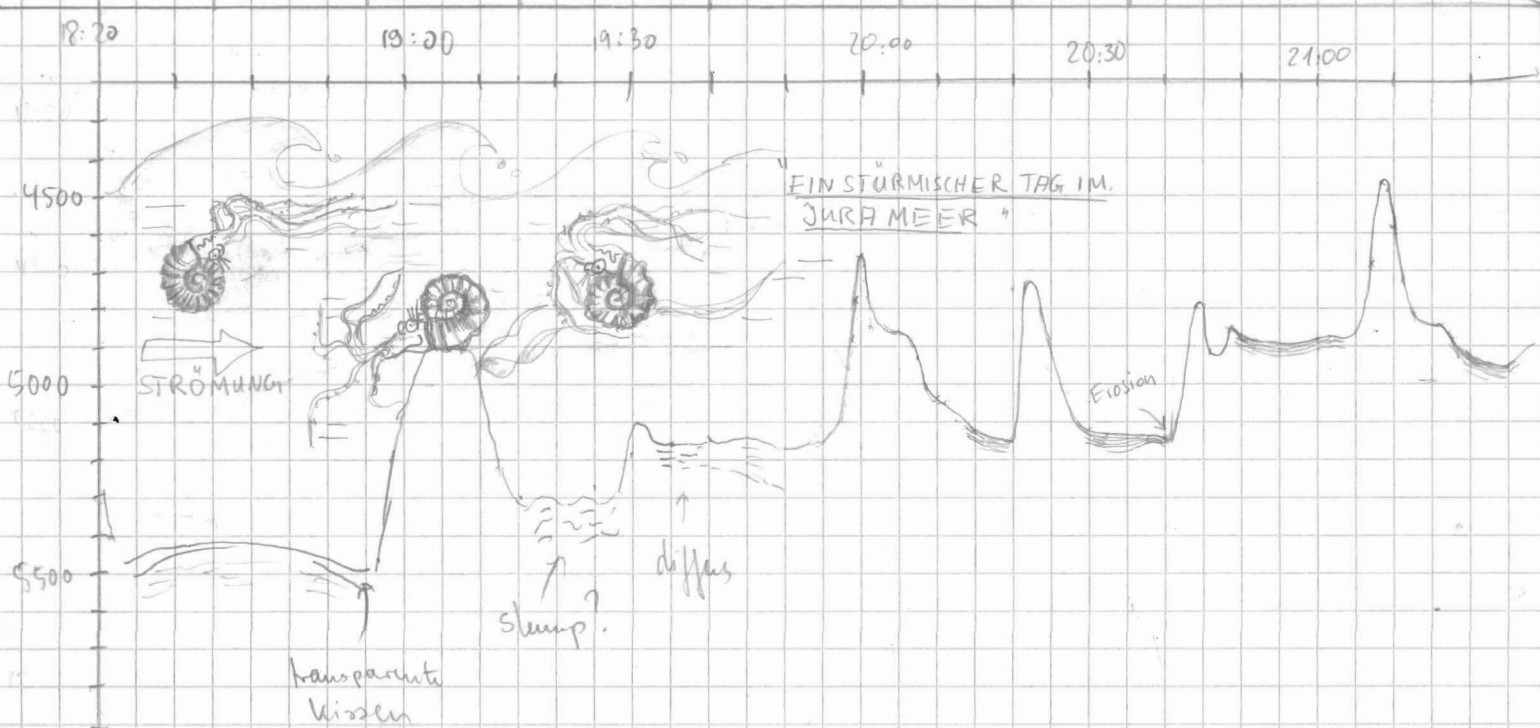
17:00

17:30

18:00



Zeit UTC	TIEFE		POSITION		Speed	kurs	Nächste
	PS	HS	Breite	Länge			
17.4 18:25	Ø	5400	58° 53,6 S	3° 00,42 W	10,1	175	F. N.
18:35	Ø	5397					
18:48	Ø	5171	58,6 S	2° 59,4 W	10,0	178	F. N.
19:13	5295	5260	59° 00,6	2 59,8 W	9,5	179	
19:25	5307	5299	02,4 S	59,9 W	10,0	179	
19:40	5164	5162	04,8 S	3° 00,4 W	9,8	194	
19:50	5161	5154	06,4 S	00,6 W	10,1	176	
20:00	4673	4711	08,0 S	00,6 W	10,0	175	Gr. Schmiedl
20:10	5028	5036	08,6 S	00,4 W	10,1	176	
20:20	5145	5118	11,1 S	00,1 W	10,0	175	
20:30	5116	5095	12,7 S	2° 59,9 W	10,1	176	
20:40	5131	5103	14,3 S	59,8 W	9,8	181	
20:50	-	4854	15,8 S	3° 00,1 W	10,1	183	
21:00	4888	4859	17,5 S	00,1 W	10,1	180	
21:10	-	4517	19,1 S	00,2 W	10,1	179	
21:20	4937	4896	20,7 S	00,2 W	10,1	179	
21:30	4862	4832	22,2 S	00,2 W	10,1	180	
21:40	4587	4566	23,9 S	00,1 W	10,1	178	
21:50	4619	4589	25,6 S	00,0 W	9,9	178	
22:00	-	4659	27,2 S	2° 59,9 W	10,2	179	
22:10	4676	4661	28,0 S	59,9 W	10,3	179	Carman Jung
22:20	4692	4652	30,6 S	59,8 W	10,2	178	
22:30	-	4493	32,25	59,7 W	10,0	179	
22:40	4696	4677	33,85	59,6 W	10,0	179	
22:50	5083	5009	35,55	59,6 W	10,2	179	
23:00	5000	4977	37,15	59,5 W	10,2	181	
23:10	4827	4822	38,75	59,4 W	10,2	179	
23:20	5097	4997	40,75	59,4 W	10,4	182	
23:30	5220	5167	42,15	59,5 W	10,5	183	
23:40	5187	5132	43,85	59,7 W	10,3	185	
23:50	4965	4939	45,25	3° 00,3 W	8,0	263	
18.4 24:00	-	5082	45,15	03,4 W	8,9	270	
00:10	5115	5110	45,01	03,0 W	8,4	276	David Collo
00:20	5266	5267	45,0	03,3 W	9,0	273	
00:30	5327	5301	44,3	10,0 W	7,7	18.	



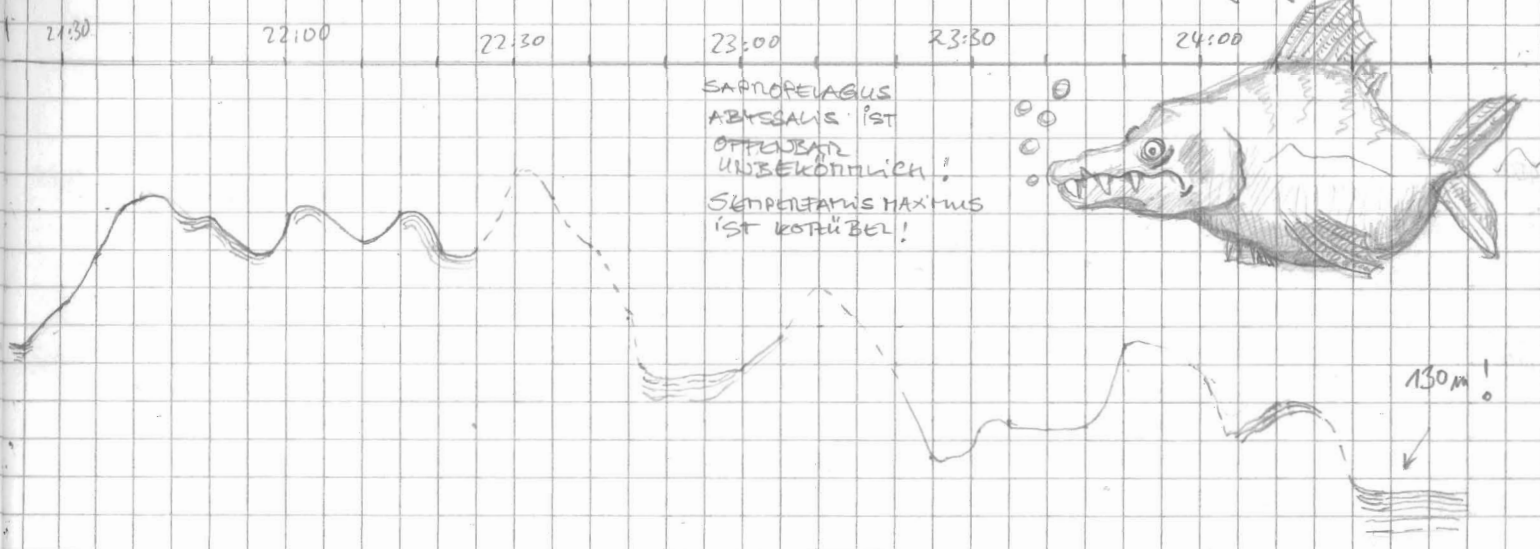
PS F	PS P	RF	RL	RW	RR	DR
kHz		kHz	ms	s	%	#
4	2	40	266	0	0	10
"	"	"	"	"	"	"

Paist jet gawedzelt

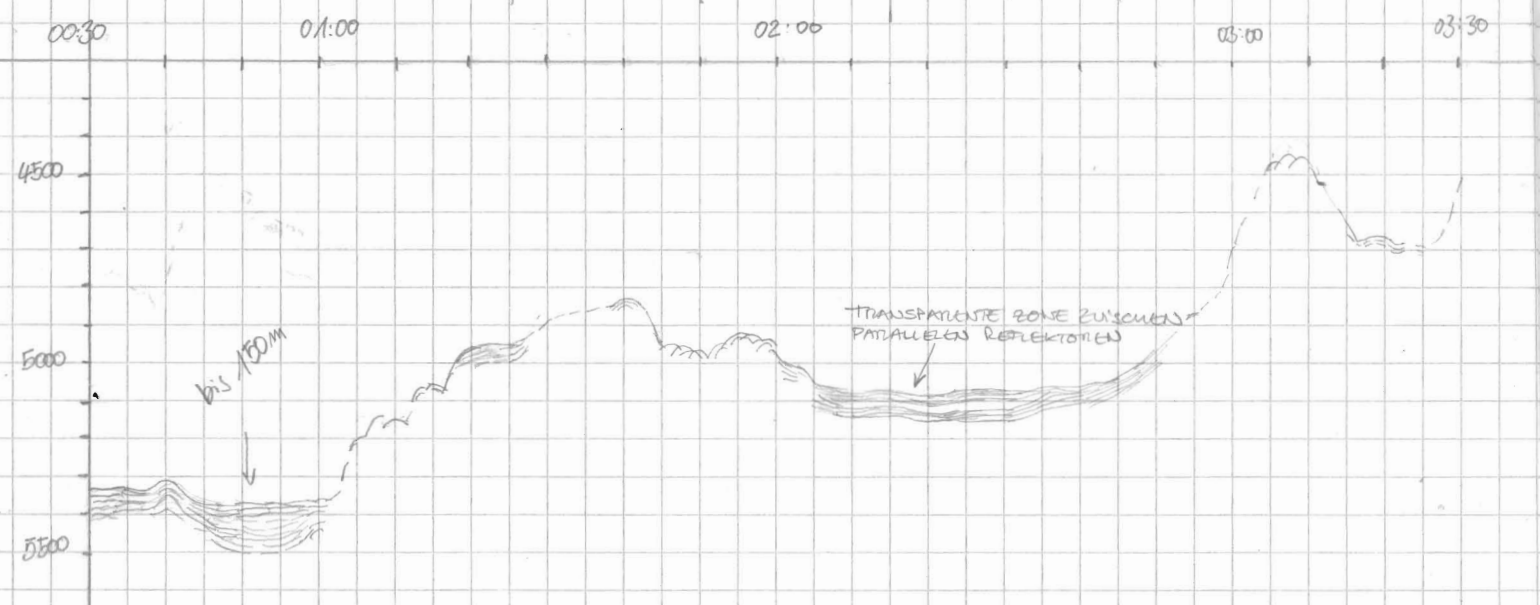
21:35 Tape-Wechsel 89 → 90

22:20 Kerzposition ?!

00:30 Kursänderung, Sedimentpaket bis 130m Eindringung



Date	Time	PS	HS	Position		Speed	Course	Watch dog
				Breite	Länge			
18.4	00:40	5323	5294	59° 43.0' S	3° 10.0' W	7.3	00.4	DAVID VÖLKER
	00:50	5301	5300	41.7 S	10.0 W	7.8	1.1	
	01:00	5317	5286	40.2 S	09.9 W	7.4	356	
	01:10	5177	5142	39.1 S	09.9 W	7.8	358	
	01:20	-	5043	37.8 S	09.9 W	7.5	357	
	01:30	4987	4970	36.5 S	10.0 W	8.1	358	
	01:40	4886	4858	35.2 S	09.9 W	8.1	359	
	01:50	4961	4938	33.9 S	09.9 W	8.2	359	
	02:00	5003	4964	32.5 S	10.0 W	8.1	359	
	02:12	5072	5036	30.7 S	09.9 W	8.0	359	
	02:26	5065	5019	29.8 S	09.9 W	8.3	359	
	02:46	5042	4992	27.0 S	09.9 W	8.6	0	
	02:50	5000	4960	25.7 S	09.9 W	8.1	359	
	03:00	4142*	4748	24.3 S	10.0 W	8.5	359	
	03:10	4487	4476	22.9 S	09.9 W	7.9	359	
	03:20	4665	4648	21.7 S	10.0 W	8.3	358	
	03:30	-	4529	20.1 S	10.0 W	7.9	0	
	03:40	4666	4656	19.9 S	08.0 W	9.3	100	
	03:50	4930	4938	19.9 S	05.3 W	9.3	91	
	4:00	4874	4937	20.2	2.6	7.6	180	Bernard Looser
	4:10	-	4804	22.3	2.6	8.9	185	
	4:20	4656	4624	23.7	2.8	9.7	185	
	4:30	-	4667	24.9	2.7	9.8	190	
	4:40	4725	4703	26.4	2.8	8.6	185	
	4:50	4890	4834	27.3	2.9	8.5	180	
	5:00	4883	4827	29.6	2.9	9.8	181	
	5:10	4776	4678	31.0	3.0	8.7	181	
	5:20	4658	4605	33.0	3.0			
	5:30	4725	4670	34.1	3.1	9.8	181	
	5:40	4858	4806	35.6	3.1	8.5	178	
	5:50	4925	4825	35.2	1.9	8.3	356	
	6:00	4691	4643	33.8	1.9	8.4	1	
	6:10	4648	4603	33.3	2.0	8.4	2.5	
	6:20	4626	4561	30.8	1.5	8.0	355	
	6:30	-	4845	28.9	4.2	8.7	297	



PS. Freq [kHz]	PS. Pwr.	R. Freq [kHz]	RL ms	Q. Wert	Red.	Decal.
4	2	40	266	0	0	10

Bemerkungen

1:22 Bandwechsel # 90 → 91

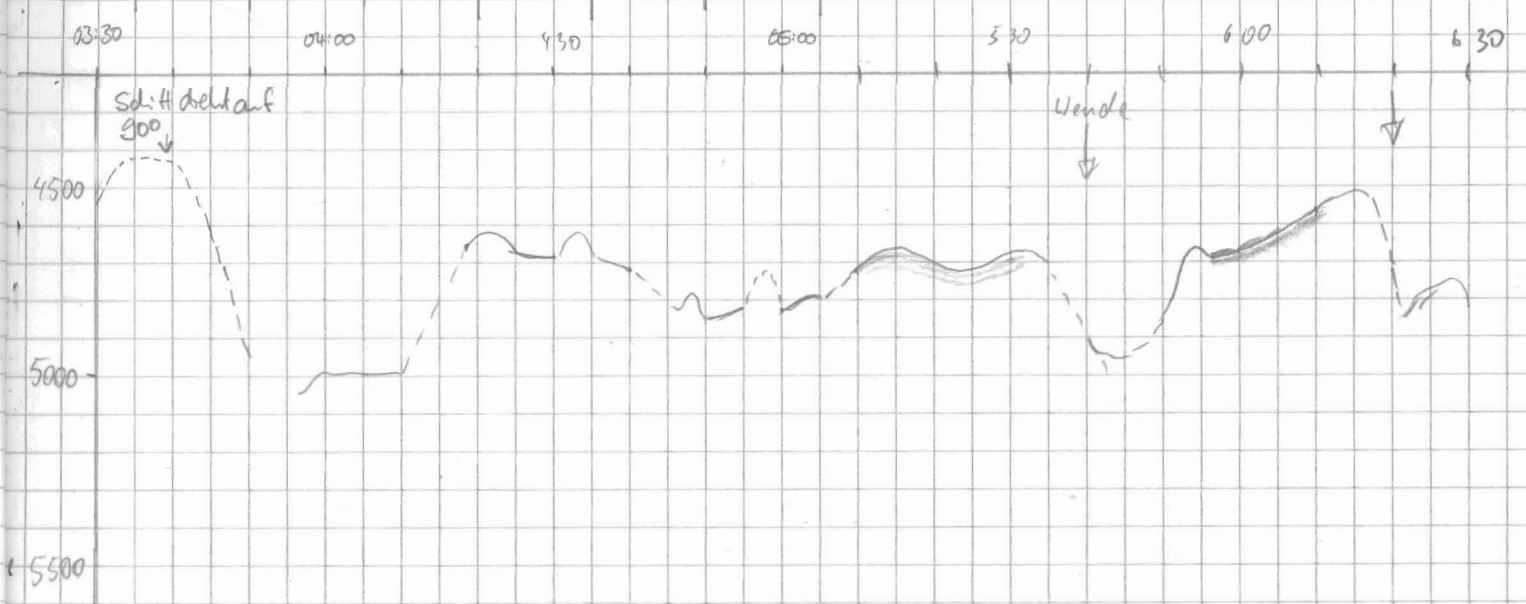
03:00 "langlicher Rücken (Hydroweep)
* Fehler v. Personal

03:34 Schiffskeil dreht auf 90°

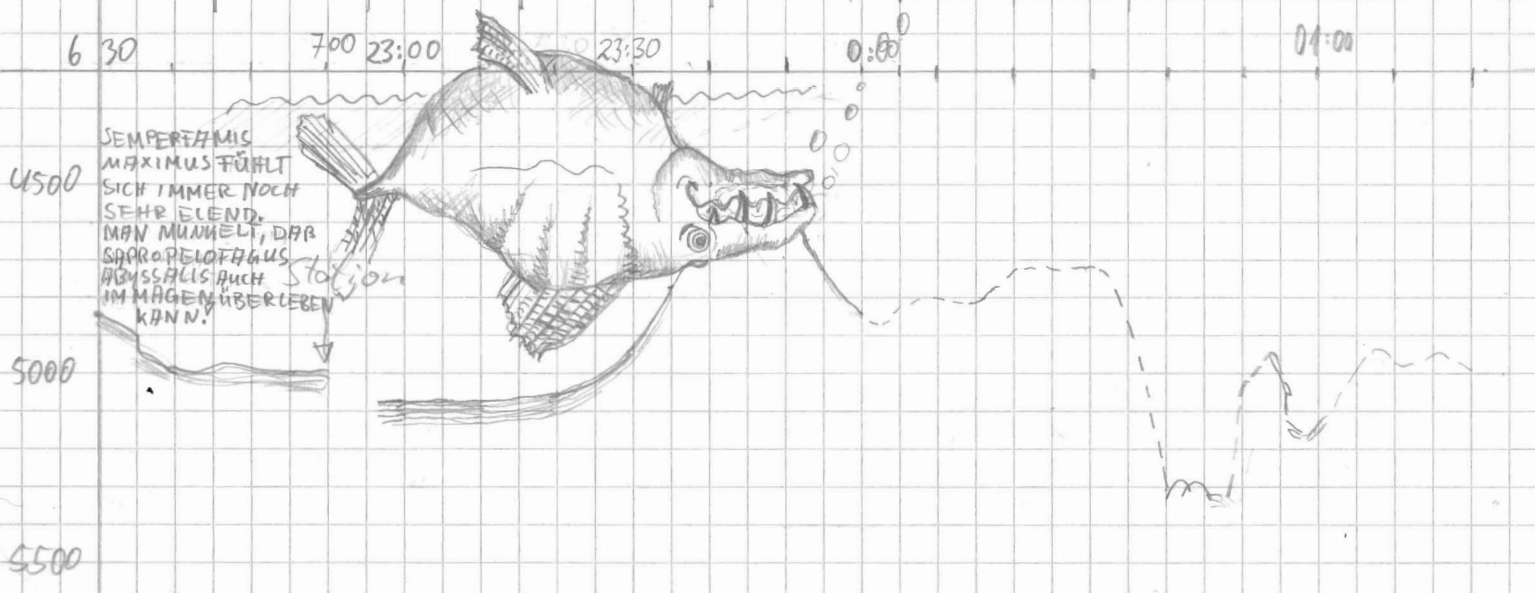
Bandwechsel 91 → 92

Wende u. Nord auf 3.2 W

Kurswechsel z. Station



Date	Time	Tiefe		Position		Speed [km]	Course °	Wache		
		PS	HS	Lat	Long					
18.4	6:40	5077	4975	59° 28.4 S	3° 06.6 W	8.9	293	Bernrd Laser		
	6:50	5037	5016	28.8	8.9	8.4	293			
	7:00	5064	5052	28.1	11.3	5.1	298			
	23:00	5080	5071	29,4 S	12,0 W	0.8	172	Gerhard Schmiedl		
	23:10	5081	5071	29,6 S	11,9 W	2,4	119			
	23:20	5062	5051	30,1 S	08,3 W	12,7	110			
	23:30	4929	4915	30,8 S	05,5 W	13,2	109			
	23:40	-	4619	31,5 S	01,9 W	12,7	123			
	23:50	4497	4488	32,6 S	2° 58,6 W	13,0	122			
19.4	0:00	4838	4858	33,8 S	55,2 W	13,0	122		David Völger	
	00:10	4801	4792	34,8 S	51,7 W	12,7	121			
	00:20	4800	4775	36,1 S	48,8 W	13,1	122			
	00:35	-	5172	37,6 S	43,6 W	12,9	122			
	00:40	4446	5293	38,3 S	41,4 W	12,7	124			
	00:50	-	5026	39,5 S	39,5 W	12,9	123			
	01:00	-	5024	40,8 S	34,2 W	13,0	126			
	01:20	4953	4920	43,0 S	27,7 W	13,1	123			
	01:30	4606	4625	44,1 S	24,2 W	13,1	123			
	01:40	-	4916	45,4 S	19,9 W	13,3	125			
	01:50	5375	5368	46,9 S	16,3 W	13,1	124			
	02:00	5375	5360	47,7 S	13,9 W	13,0	121			
	02:10	5375	5361	48,8 S	7,3 W	13,3	123			
	02:20	-	5335	50,0 S	6,2 W	13,2	123			
	02:30	5340	5308	51,7 S	1,6 W	13,6	125			
	02:40	5341	5315	52,4 S	10° 59,6 W	13,3	124			
	02:50	5347	5307	53,6 S	56,2 W	13,1	125			
03:00	5364	5329	55,9 S	49,3 W	13,3	123				
03:20	5359	5319	57,7 S	46,1 W	13,3	119				
03:30	5341	5306	58,2 S	42,1 W	13,3	128				
03:40	5341	5277	59,4 S	38,6 W	13,5	129				
03:50	5159	5111	60° 00,6 S	35,2 W	13,4	127				
4:00	5360	5337	1.9	31.5	13.4	127	Bernrd Laser			
4:10	5362	5337	3.0	28.3	13.3	127				
4:20	5361	5337	4.2	24.8	13.4	125				
4:30	-	5177	5.3	21.4	13.3	124				



PS.T.	PS. Pu	Reg. F	Reg. Len	Zeit	Dat. Med	Deso
4	2	40	266	0	0	10
<u>5.5</u>	<u>4</u>			<u>30</u>		

Station 111

4 2 40 266 0 0 10 22:55 Ende Station

Einfach für Dr. Schmid?



Schon wieder der ???

02:00

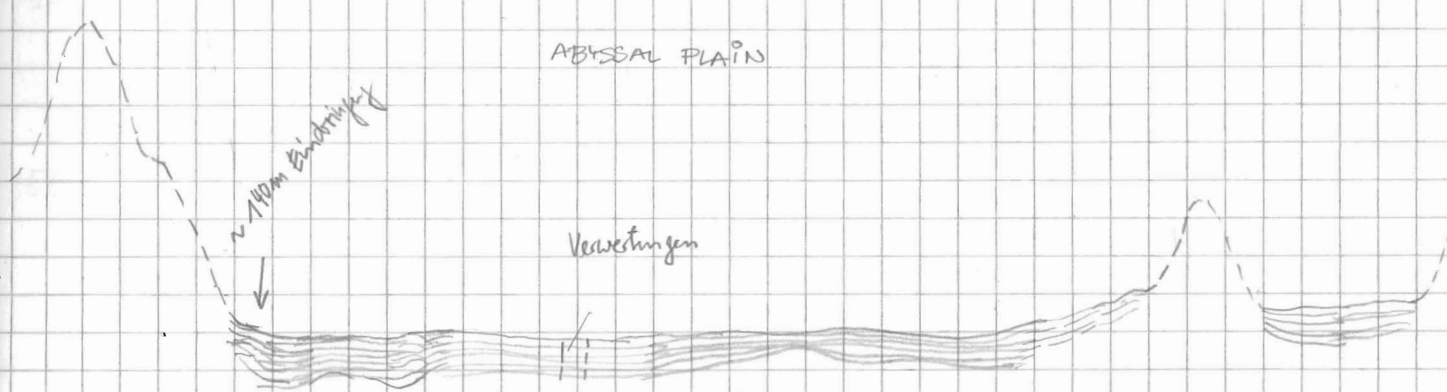
03:00

04:00

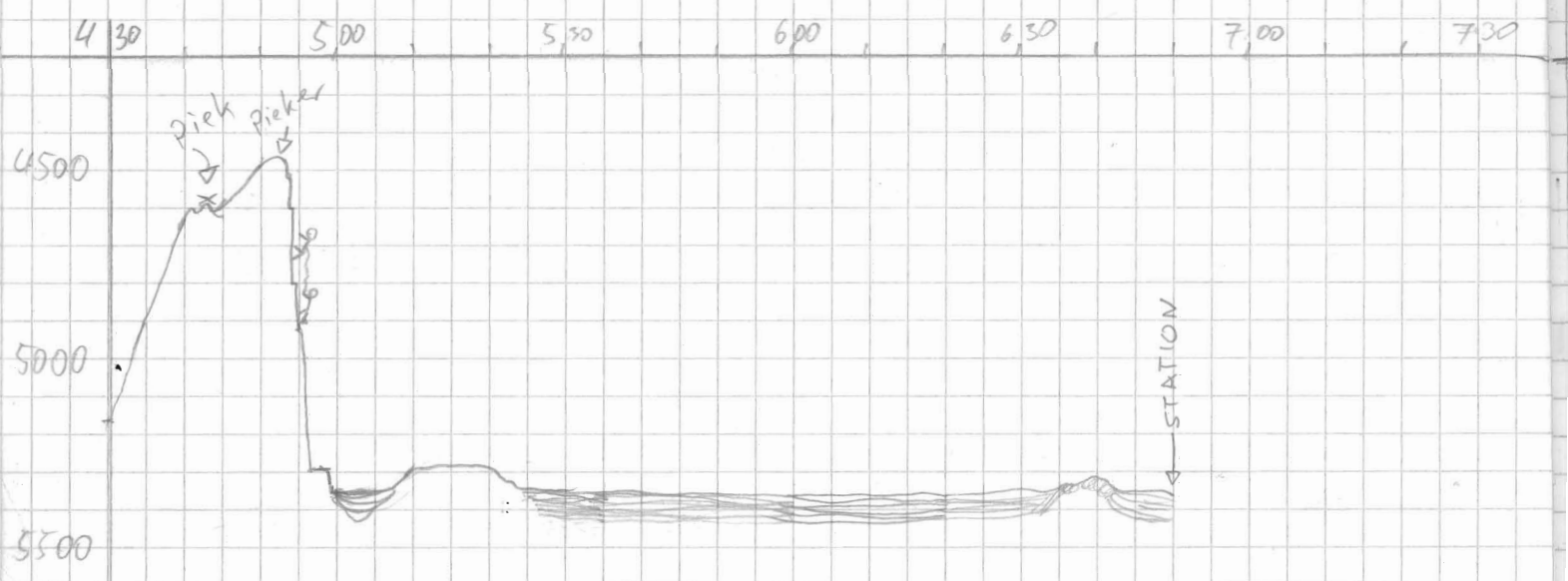
ABYSSAL FLAIN

~ 140m Einströmung

Verwestungen



Datum	Uhrzeit	Tiefe PS	Tiefe HS	Geo. Breite	Geo. Länge	Geschw.	Kurs	Wache	
UTC	UTC	[m]	[m]	[°'"]	[°'"]	[kn]	[°]		
18.4.	4:40	4658	4631	60° 6.4 S	1° 18.0 W	13.0	126	Bernol Laser	
	4:50	4692	4652	7.6	14.5	13.2	125		
	5:00	5388	5362	8.8	11.2	13.1	125		
	5:10	5374	5354	9.9	7.7	13.2	123		
	5:20	5290	5194	11.1	4.1	13.4	123		
	5:30	5356	5339	12.1	0.8	13.1	124		
	5:40	5370	5352	13.4	0° 57.3 W	12.3	125		
	5:50	5387	5366	14.7	53.4	13.0	125		
	6:00	5377	5354	15.7	50.4	13.0	121		
	6:10	5377	5350	16.8	46.9	13.1	124		
	6:20	5385	5356	17.9	43.5	12.3	123		
	6:30	5391	5371	19.1	40.0	13.3	124		
	6:40	5397	5366	20.3	36.5	13.3	125		
	6:50	5404	5376	21.4	33.0	10.8	126		
	7:00	5405	5376	21.7	32.0	1.1	107		
	8:45	5404	5372	21.3	32.9	4.9	118		Bernol Laser
	10:00	5366	5229	22.7	28.7	15.2	114		Frank T. Haas
	10:10	5345	5312	24.14	24.3	15.5	123,8		
	10:20	5355	5320	25.5	20.1	16.6	123,2		
	10:30	5335	5297	26.8	15.7	16.7	122,4		
	10:40	5359	5324	28.1	11.5	16.0	126,0		
	10:50	5360	5327	29.6	7.3	16.0	125,8		
	11:00	5357	5319	30.9	3.1 W	16.7	122,0		
	11:10	5364	5328	32.4	1.1 E	16.1	122,2		
	11:20	5396	5360	33.7	0° 5.3 E	15.6	123,0		
	11:30	5402	5364	35.1	9.1	15.5	122,5		
	11:40	5407	5371	36.3	13.5	15.9	122,8		
	11:50	5407	5364	37.7	17.9	15.5	122,8		
	12:00	5411	5369	39.1	22.1	14.2	122,8	H. SCHOTTMÜLLER	
	12:10	5410	5375	40.4	26.4	15.5	123,2	"	
	12:20	5414	5378	41.8	30.7	15.5	122,6	"	
	12:30	5407	5382	43.1	34.8	15.7	123,0	"	



PS-Frequ [kHz]	PS-Pulse	Reg-Frequ [kHz]	Reg-Len [ms]	Unit [S]	Defal Ref [%]	Peso Rolle
4	2	40	266	0	0	10

Wichtiges + Nichtiges

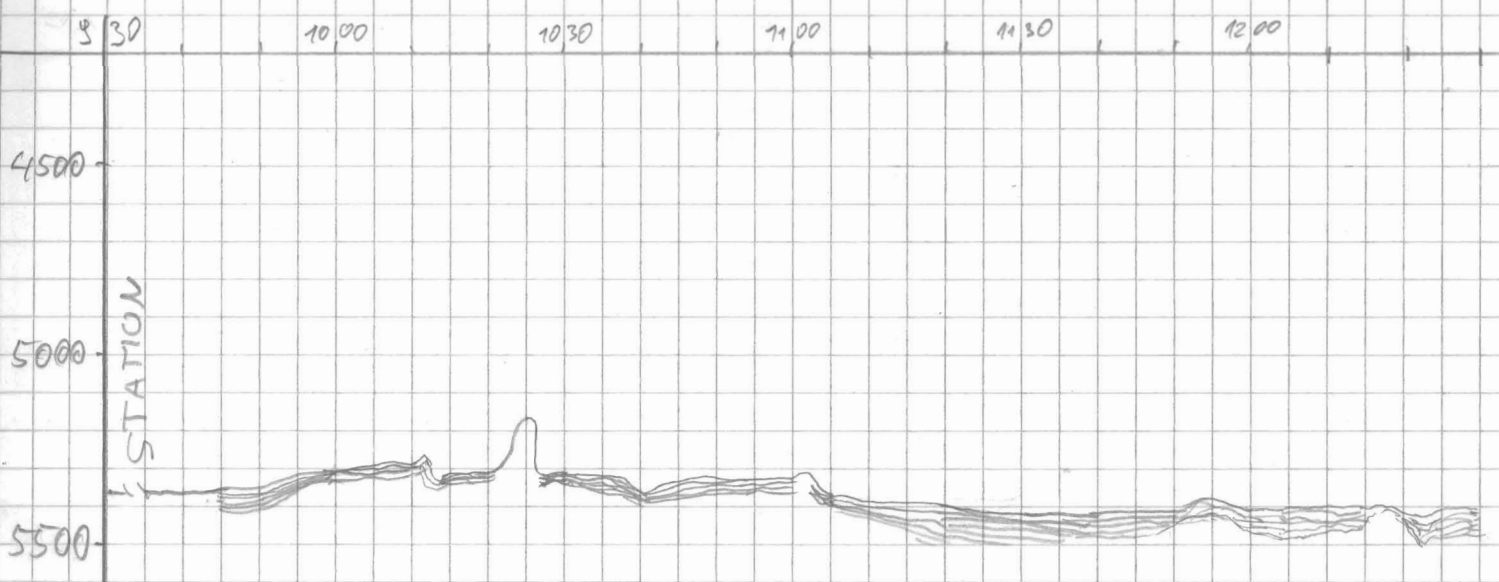
Es geht aufwärts...
Achtbahn; Mir wird unheimlich!

6:35 Bandwechsel 94-D 95

Strahle: Station
Wecker ist aus!

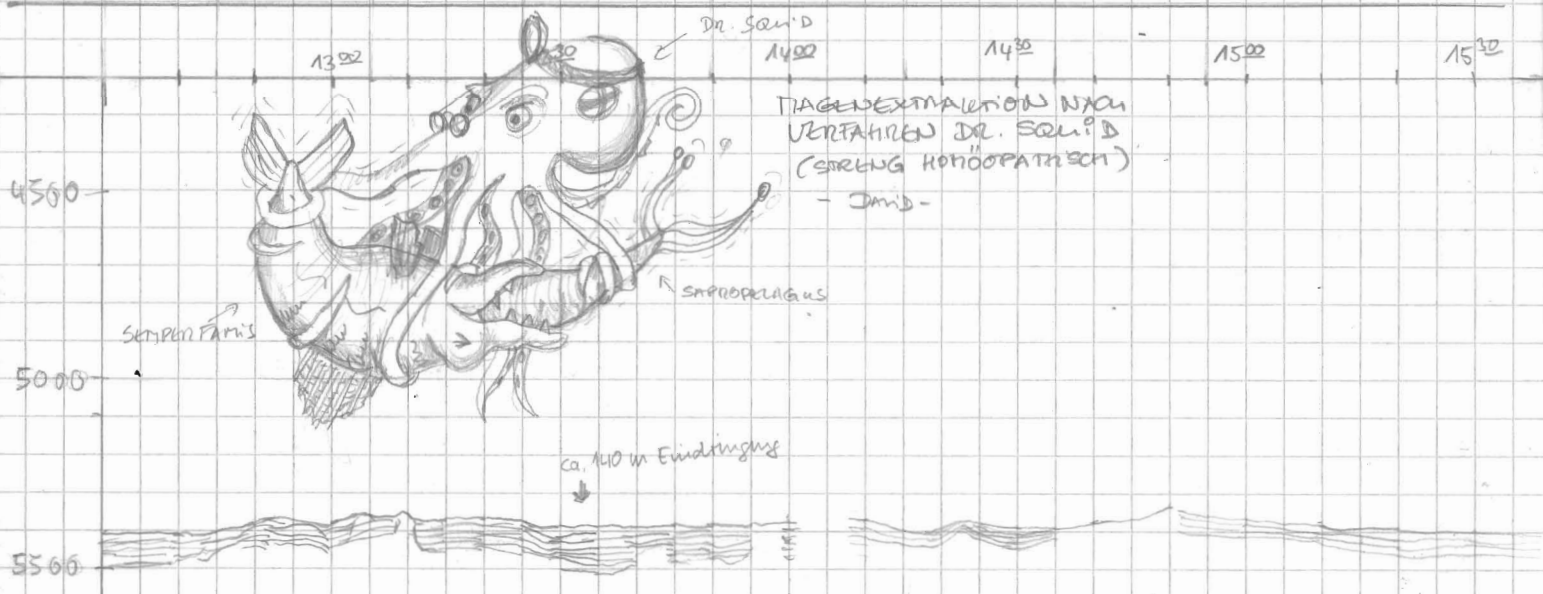
Stationsende

Überschreitung v. ~~6~~ 6111



Date	Time	Depth		Position		Speed	Course	Watch
		PS [m]	HS [m]	Lat	Lon			
19.4.	12:40	5408	5379	60° 44,6 S	0° 39,4 E	15,4	122,1	HELMUT SCHOTTMÖWER
	12:50	5386	5356	45,8	43,3	15,5	122,7	"
	13:00	5382	5356	47,2	47,7	15,4	123,1	"
	13:10	5370	5342	48,6	51,9	15,6	123,0	"
	13:20	5375	5351	49,9	55,9	15,3	125,0	"
	13:30	5395	5370	51,2	10 00,2	15,4	124,4	"
	13:40	5384	5360	52,6	04,4	15,3	123,9	"
	13:50	5386	5347	53,9	08,6	15,4	124,0	"
	14:00	5380	5322	55,2	12,0	15,6	122,8	U Bröthman
	14:10	-	5331	56,8	17,9	15,2	123,2	"
	14:20	5402	5357	57,9	21,6	15,4	123,5	"
	14:30	5397	5358	59,3	26,0	15,4	122,0	"
	14:40	5388	5362	61° 00,5	30,4	15,6	127,1	"
	14:50	-	5312	01,9	34,3	15,5	127,5	"
	15:00	5397	5371	03,9	38,6	15,5	123,3	"
	15:10	5403	5373	04,7	42,9	15,6	124,1	"
	15:20	5411	5379	06,0	47,1	15,6	123,7	"
	15:30	5414	5381	07,4	51,3	15,4	119,6	"
	15:40	5411	5377	08,7	55,6	15,4	124,1	"
	15:50	5409	5371	10,1	2° 00,0	15,5	121,6	"
	16:00	5407	5361	11,5	04,5	15,6	124,8	K. MICHELS
	16:10	5408	5361	12,7	08,5	15,5	125,9	"
	23:36							V. Speß

20.4	00:10	5398	5352	61° 14,4 S	2° 02,1 E	2,3	141	J. Wöller
	00:20	5400	5354	15,1 S	08,1 E	8,6	130	
	00:30	5406	5350	15,8 S	16,0 E	9,5	121	
	00:40	5401	5352	16,3 S	19,1 E	10,1	123	
	00:50	5397	5353	17,5 S	23,0 E	11,1	121	
	01:00	5400	5366	18,4 S	26,4 E	11,2	111	
	01:10	5395	5365	19,3 S	29,6 E	11,4	124,5	
	01:20	5395	5359	20,2 S	32,7 E	11,2	123,2	
	01:30	5400	5358	21,2 S	35,7 E	11,4	123,6	
	01:40	5398	5355	22,2 S	38,8 E	11,2	123,6	
	01:50	5397	5351	23,2 S	41,8 E	11,2	123,7	



4 2 40 266 0 0 10

13:17 Bandwechsel 095 → 096

16:19 Uhr Station
 61° 13,860 S
 Beginn PFT 2° 11,606 E
 F-Test

4 2 40 359 0 0 10

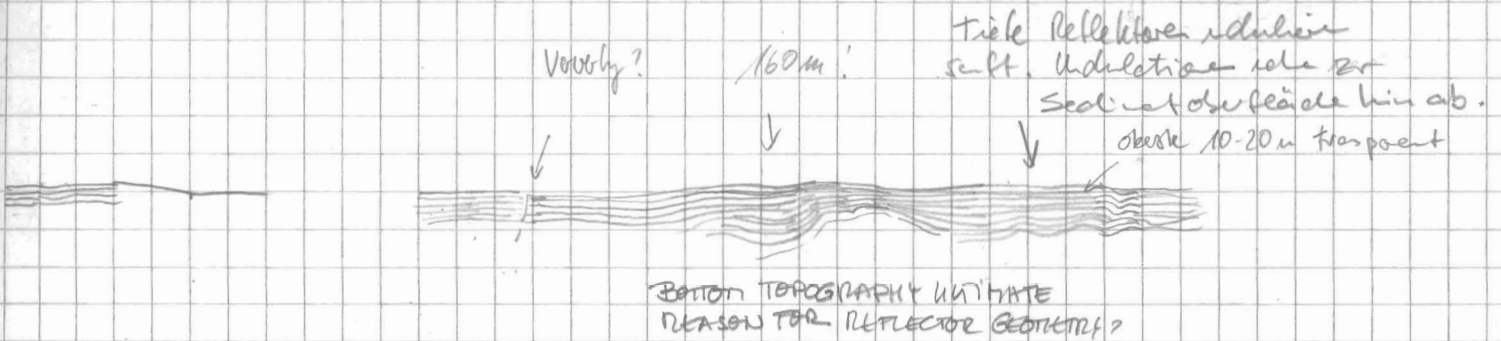
00:10 Abfahrt von der Station

1600

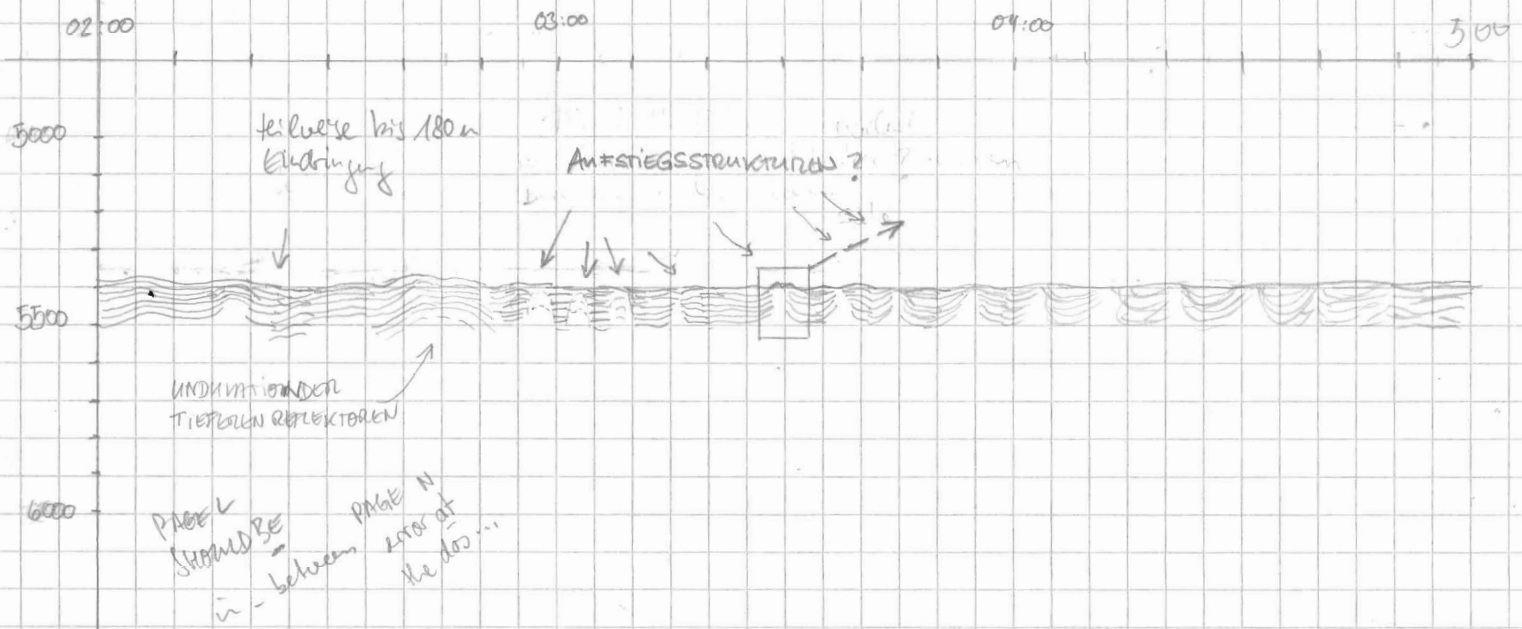
00:10

01:00

01:50



DATE	TIME	PS	HS	LAT	LONG	SPEED	COURSE	DIR. RICHTER & SEIN MARKER
20.4	02:00	5397	5344	61° 24.1 S	020° 45.0 E	11.2	123	DAVID VÖLKER
	02:10	5398	5341	25.0 S	47.9 E	11.2	123	
	02:20	5395	5343	25.9 S	51.1 E	11.2	122	
	02:30	5402	5355	26.8 S	54.1 E	11.1	122	
	02:40	5385	5336	27.8 S	57.1 E	11.0	123	
	02:50	5383	5335	28.8 S	030° 00.1 E	11.1	123	
	03:10	5382	5346	30.7 S	06.1 E	11.0	120	
	03:20	5377	5340	31.8 S	09.8 E	11.2	123	
	03:30	5378	5342	32.5 S	12.1 E	11.7	122	
	03:40	5382	5343	34.7 S	19.0 E	13.1	120	
	4:00	5343	5360	35.8	22.8	13.1	123	Bernol Lasser
	4:10	5379	5333	36.8	26.0	13.1	123	
	4:20	5380	5333	38.1	30.1	13.1	122	
	4:30	5380	5333	38.3	32.7	12.9	122	
	4:40	5383	5339	40.4	37.4	13.0	122	
	4:50	5381	5341	41.4	41.0	13.2	122	
	5:00	5381	5348	42.6	44.9	13.1	122	
	5:10	5381	5347	43.7	48.3	13.1	122	
	5:20	5380	5344	44.9	52.1	13.1	124	
	5:30	5382	5350	46.1	55.8	13.1	120	
	5:40	5379	5345	47.3	59.5	13.0	122	
	5:50	5378	5345	48.2	4° 03.3 E	13.3	122	
	6:00	5376	5345	49.5	7.3	13.7	123	
	6:10	5373	5360	50.6	11.1	13.2	124	
	6:20	5360	5316	51.7	14.6	13.9	124	
	6:30	5365	5325	52.9	18.4	13.7	124	
	6:40	5360	5322	54.1	22.3	13.5	123	
	6:50	5361	5328	55.3	25.9	13.7	123	
	7:00	5366	5331	56.4	28.6	13.4	123	
	7:10	5364	5324	57.6	33.5	13.9	123	
	7:20	5365	5328	58.8	37.5	13.6	123	
	7:30	—	5271	59.9	40.8	13.6	123	
	7:40	5344	5302	62° 01.1 S	45.0	13.9	123	
	7:50	5348	5308	2.2	48.6	13.6	123	
	8:00	5349	5309	02.38	52.4	13.7	123.7	H. Hommers



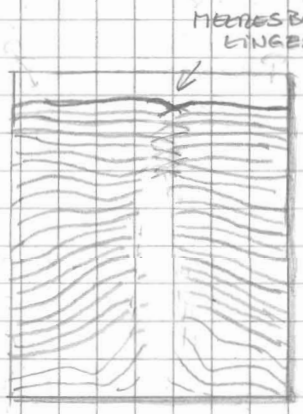
B-Freq.	Paß	P-Freq.	R layth.	Ant	Red.	DESO
4	2	40	353	0	0	10

GESTÄNDNISSE

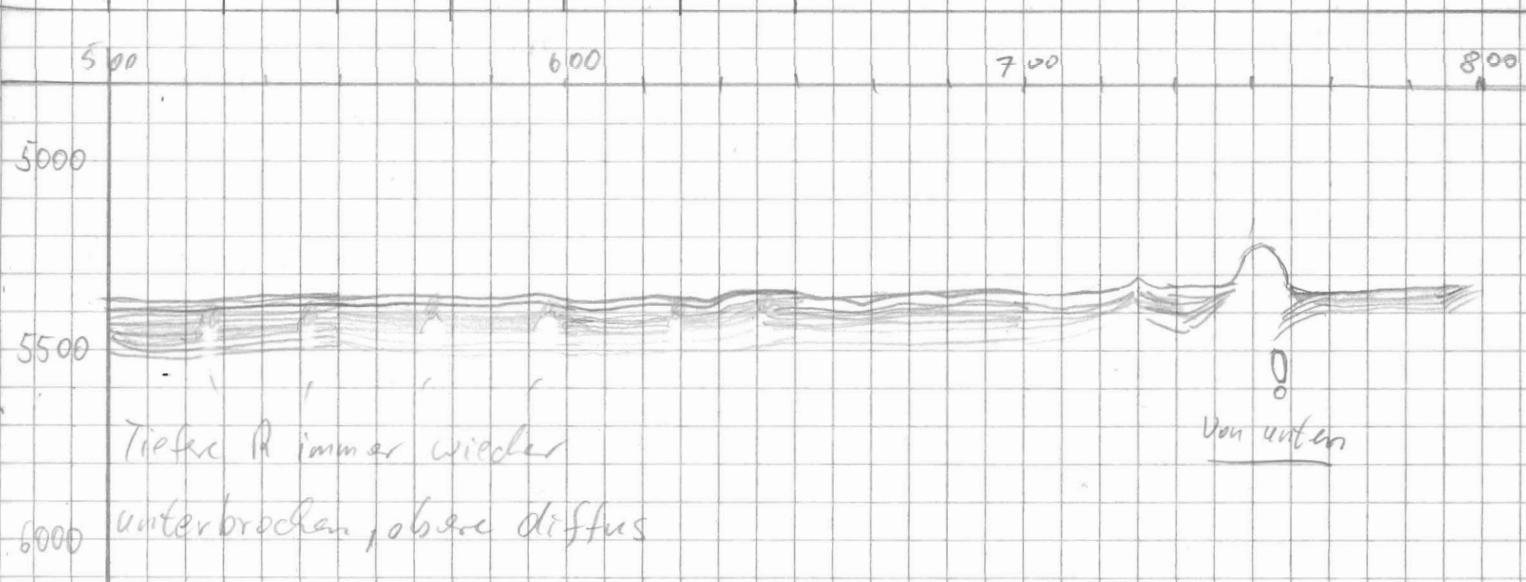
Du, Chef, idm p dr du us - also ich
 wep nicht recht, ni rds soje soll, also
 aber neue Schuld vers nicht, naja alleht
 doch ... rusu; asfs ...

11 02:55 Badwechsel 97 → 98
 02:59 DESO - ROUTE GEZEIGT

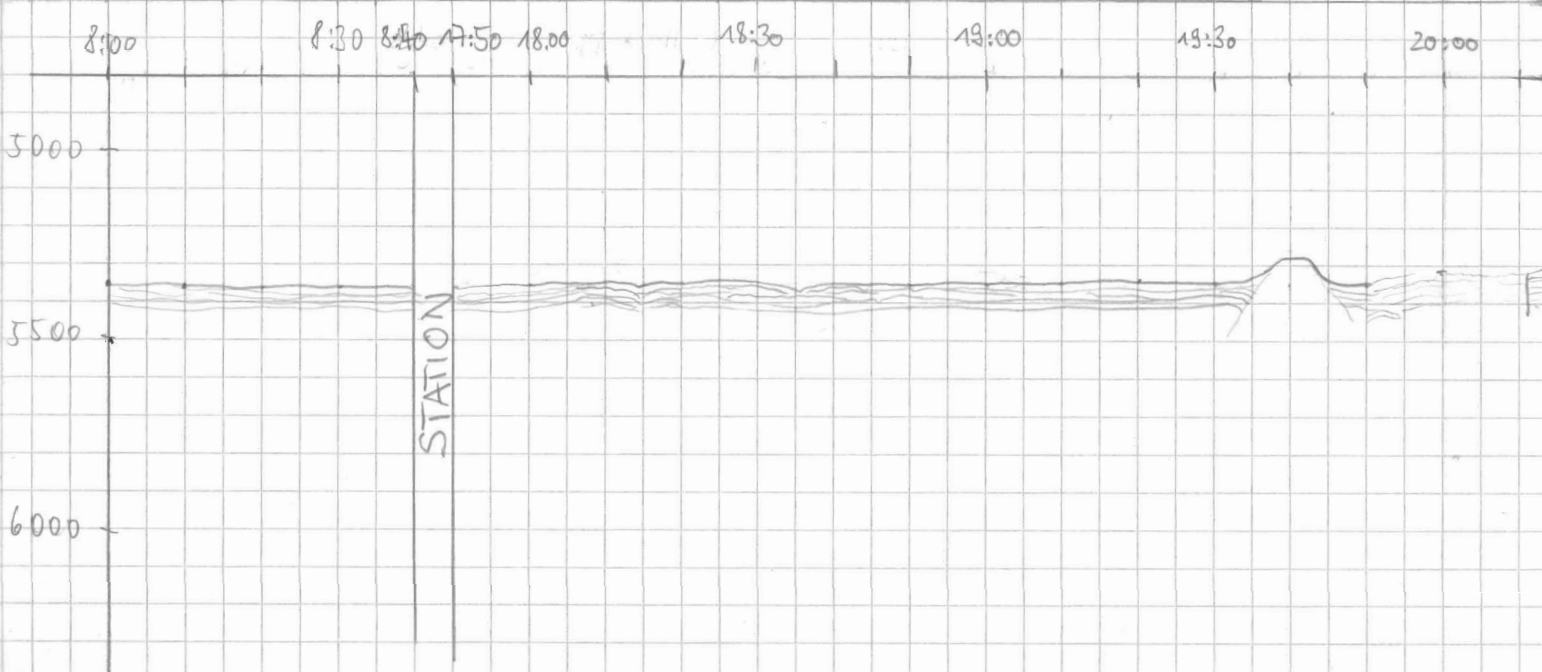
03:10 Die dicke Reflektoren
 werden von Zunderluftförmigen
 Bereiche unterbrochen i. denen
 Reflektoren schwächer erkennbar und
 nach oben aufgebogen (!) sind.
 Oberhalb dieser Strukturen sind die
 Reflektoren gestört - Anstieg von
 Gas oder Sediment geringerer Dichte?



6:05 Barot-
 Wechsel 98 → 99



Date	Time	PS	HS	Lat	Lon	Speed	Course	Watch
20.4	8:10	5362.0	5321.0	62° 04.5	4° 56.0	13.7	122.6	(H. Hommers)
	8:20	5361.0	5323.0	06.0	59.4	13.7	123.4	
	8:30	5361.0	5317.0	06.8	5° 03.5	13.0	126.4	
	8:40	5362.0	5319.0	07.0	04.3	0.9	165.6	
	STATION							
	17:50	5361	5320	07.9	04.1	5.9	123.8	U. Bradhauer
	18:00	5356	5319	62° 08.82	5° 07.18	10.5	120.9	N. LENSCH
	18:10	5353	5314	09.7	10.3	10.6	120.5	K. MICHELS
	18:20	5346	5310	10.55	13.4	10.5	121.7	"
	18:30	5343	5304	11.4	16.4	10.2	118.7	"
	18:40	5343	5311	12.2	19.6	10.3	118.2	"
	18:50	5348	5288	13.1	23.2	12.5	118.8	"
	19:00	5337	5294	14.1	27.1	12.9	121.1	"
	19:10	5336	5292	15.2	31.0	13.1	121.5	"
	19:20	5339	5287	16.3	34.8	12.9	122.5	"
	19:30	5335	5291	17.4	38.6	13.3	122.4	"
	19:40	5278	5235	18.6	42.4	13.2	124.4	"
	19:50	5336	5289	19.8	46.1	13.5	124.5	"
	20:00	5334	5302	21.1	50.1	13.6	124	F. N.
	20:12	5331	5297	22.5	54.4	13.2	124	"
	20:20	5329	5295	23.4 S	57.2 E	12.6	125	"
	20:30	5330	5299	24.7	6° 01.6 E	12.9	124	"
	20:41	5322	5290	25.9	05.1	13.0	124	"
	20:50	5329	5296	26.9	08.4	13.0	123	"
	21:00	5321	5289	28.2	12.8	13.1	123	"
	21:10	5320	5289	29.2	16.1	13.1	123	"
	21:20	5323	5294	30.1	19.9	12.8	120	"
	21:30	5300	5293	31.2	24.4	13.2	117	"
	21:40	5218	5270	32.1	27.9	10.3	115	"
	21:50	5322	5303	32.9	30.8	11.8	122	"
	22:10	5323	5308	35.0	37.7	12.8	123	Uwe Frey
	22:20	5319	5292	36.2	41.4	13.0	125	"
	22:30	5326	5307	37.4	45.0	13.3	124	"
	22:40	5328	5306	38.6	48.9	12.9	125	"
	22:50	5330	5310	39.8	52.0	13.0	124	"
	23:00	5325	5297	40.9	56.2	13.0	124	"



PSF kHz	PSP	RF kHz	RL ms	WT s	DR %	Deso
4	2	40	359	0	0	11

What's up ?!

at 8:40 STATION
 62° 07' N S
 5° 04' E
 Acquisition test 17:15
 → Printer protocol

4	2	40	359	0	0	11
---	---	----	-----	---	---	----

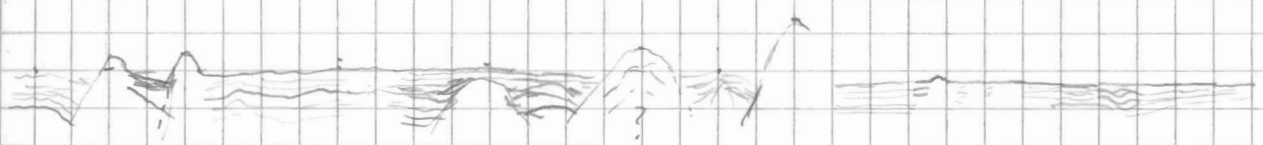
4	2	40	359	0	0	11
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Baudwechsel

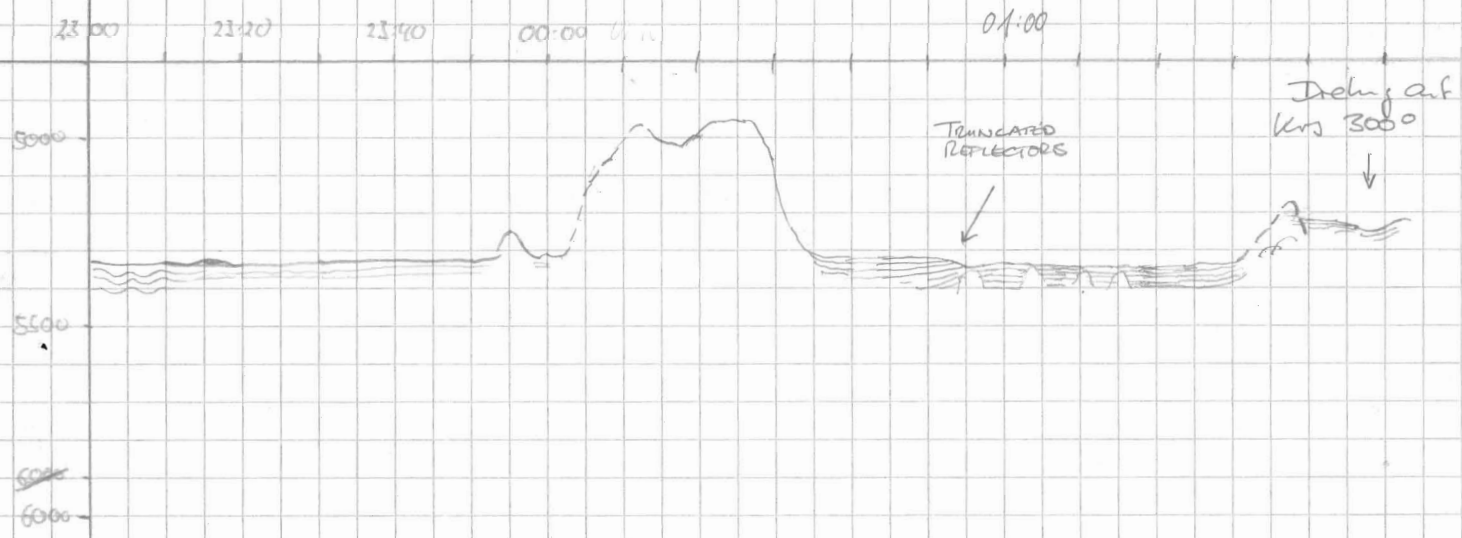
Gain Paradipna → 800
 Gain → 600

4	2	40	359	0	0	11
---	---	----	-----	---	---	----

20:30 21:00 21:30 22:00 22:30 23:00



Date	Time	PS [m]	HS [m]	Leak [°S]	Low [°E]	Speed [km/h]	Course [°E]	Wachposten
20/04/94	23:10	5320	5284	62°42,2'S	7°00,0'E	13,2	123	Kurt Frey
	23:20	5323	5288	43,5'S	4,3'E	13,0	123	"
	23:30	5320	5284	44,5	7,6 E	13,2	123	"
	23:40	5322	5293	45,7	11,6 E	13,3	123	"
	23:50	5319	5288	46,7	15,1 E	13,1	122	"
21.04.94	00:00	- 5310	5272	48,0	19,4 E	13,0	123	"
	00:10	4979	4976	49,0	23,1 E	13,3	122	David Völker
	00:20	5031	4996	50,0	27,2 E	13,3	124	"
	00:30	-	5276	51,3	30,0 E	13,3	122	"
	00:40	5310	5281	52,4	34,9 E	13,3	123	"
	00:50	5326	5296	53,9	39,7 E	13,5	124	"
	01:00	5329	5294	54,8	42,6 E	12,5	121	"
	01:10	5331	5299	55,9	46,6 E	12,4	123	"
	01:20	5332	5297	56,9	50,1 E	12,6	124	"
	01:30	-	5229	58,3	54,4 E	9,4	128	"
	01:40	5238	5210	58,7	55,8 E	8,8	125	"
	01:50	5248	5222	58,8	57,4 E	8,5	302	"
	02:00	5249	5223	58,0	54,3 E	10,3	298	"
	02:10	5329	5315	57,2	51,0 E	10,6	300	"
	02:20	5331	5314	56,9	48,4	6,0	268	"
	02:30	5331	5316	56,9	46,9	0,6	115	"
	18:20	-	5318	58,5	45,8	0,7	115,3	U. Brathauer
	18:30	5332	5328	58,5	46,0	0,6	95,7	"
	18:40	-	5313	58,5	46,2	0,6	59,7	"
	18:50	5332	5317	58,5	46,4	0,4	102,8	"
19:00	5327	5316	58,9	46,6	7,5	177,0	"	
19:10	-	5309	63°00,3	46,5	8,8	183,4	"	
19:20	-	5142	01,7	46,4	9,1	182,0	"	
19:30	-	5146	03,17	46,2	9,1	181,3	"	
19:40	-	5152	04,6	46,2	9,0	175,8	"	
19:50	-	5108	06,0	46,3	8,7	176,3	"	
20:00	-	5143	07,45	46,6 E	9,1	176,6	K. MICHELS	
20:10	-	5244	08,9	46,7	9,3	172,2	"	
20:30	5237	5215	11,7	46,8	8,9	179,3	"	
20:40	5240	5221	23,2	46,9	9,0	179,7	"	
20:50	5241	5219	14,6	47,0	8,9	177,7	"	
21:00	5224	5209	16,1	47,1	9,4	178,4	"	



RF (kHz)	PSP	RF (kHz)	RL (m)	WT (sec)	DR (%)	Dens
4	?	40	359	0	0	11

Is was Doc?

Bauchwechsel 101 → 102

00:00 - 00:30 "Übersichten Rücken".

5.5

30

01:45 Drehung auf ^{Kurs} 300°, danach Rücklaufen a.d. Sohle nach geeigneter geol. Station

02:14 Drehung auf Kurs 270°, Verlagerung der Fahrt → Station.

02:25 Auslaufen zur Station

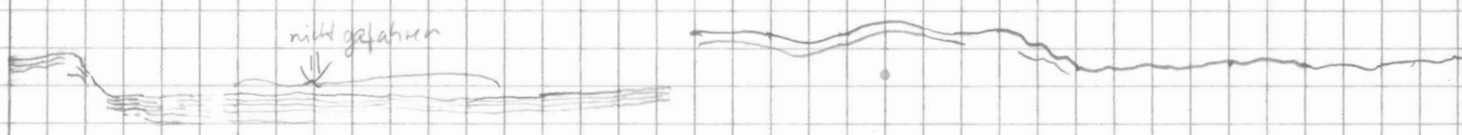
02:29 Uf stellt auf 5.5 kHz

02:32 Station erreicht!
Bodwedel 102 → 103 in 02:30

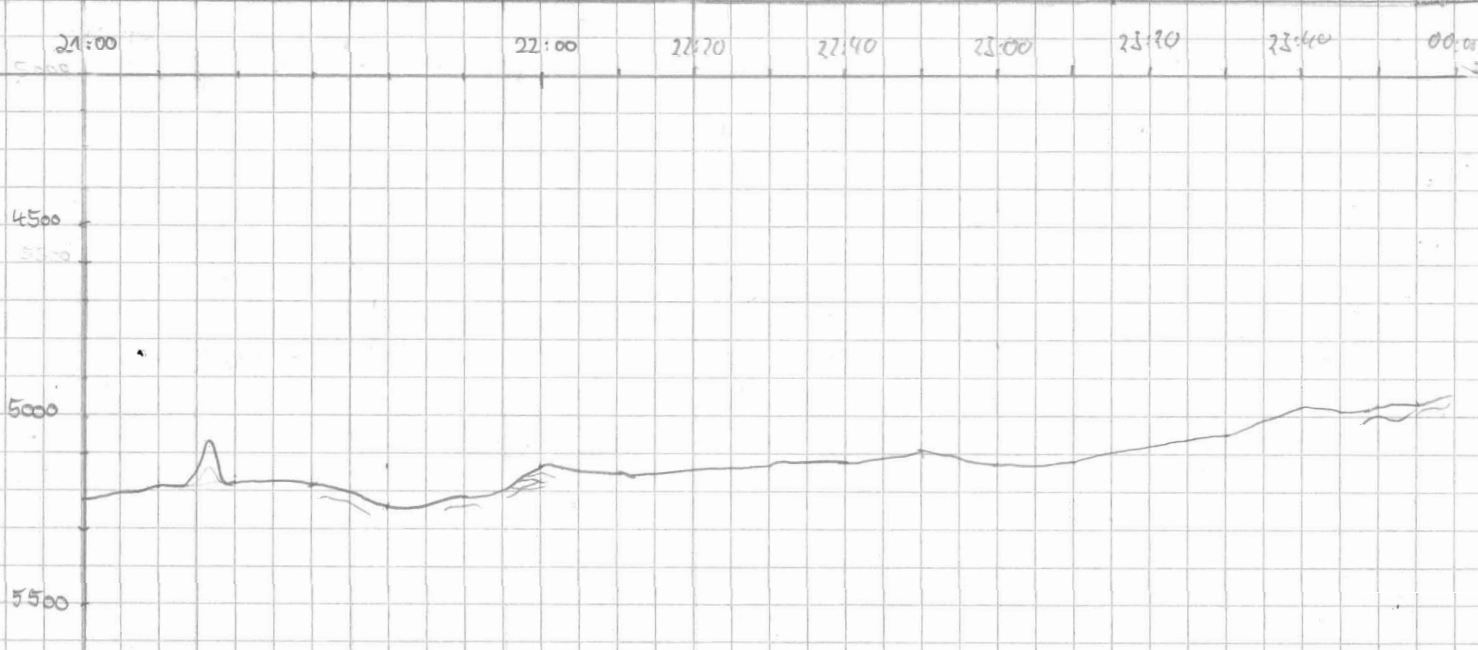
Ps Quellsignaltest 17:45 - 18:15

DESO-Felder

01:50 02:00 18:20 18:30 19:00 19:30 20:00 21:00



Tag/ Monat/ Jahr	Zeit	PS (m)	HS (m)	Latitude	Longitude	Speed	Course	ARMER WICHT
21.04.94	21:10	-	5187	63° 17,5 S	7° 47,2 E	9,5	178,4	K. MICHELS
	21:20	5181	5170	19,0	47,3	8,9	177,7	"
	21:30	5190	5177	20,5	47,5	9,1	177,4	"
	21:40	5231	5206	22,0	47,6	9,0	177,4	"
	21:50	5205	5179	23,5	47,8	9,0	178,4	"
	22:00	5134	5133	24,9	47,9	9,3	178,3	"
	22:10	5143	5121	26,3	48,0	9,3	177,1	Uwe Frey
	22:20	5149	5136	27,8	48,2	9,0	178,1	"
	22:30	5126	5116	29,3	48,4	9,2	177,0	"
	22:40	5117	5107	30,7	48,5	9,4	177,8	"
	22:50	5098	5090	32,2	48,7	9,5	176,8	"
	23:00	5118	5105	33,6	48,9	9,2	176,6	"
	23:10	5116	5104	35,0	49,0	9,4	177,1	"
	23:20	5109	5103	36,5	49,2	9,3	177,1	"
	23:30	5052	5048	37,9	48,9	9,4	193,7	"
	23:40	4989	4991	39,3	48,9	9,2	176,0	"
	23:50	4981	4973	40,7	49,2	9,2	179,7	"
22.04.94	00:00	4958	4946	42,2	49,4	8,8	174,	David Oltw
	00:10	-	4932	43,5	49,7	8,9	176	
	00:20	4825	4812	44,9	49,9	9,1	175	
	00:30	4878	4876	46,2	50,0	9,2	178	
	00:40	4961	4950	47,7	50,2	8,9	179	
	00:50	4970	4963	49,1	50,2	8,7	180	
	01:00	4966	4958	50,1	50,2	6,5	179	
	01:10	4877	4869	51,5	50,3	8,7	179	
	01:20	4905	4830	52,4	50,4	7,6	178	
	01:30	4959	4933	53,9	50,6	8,4	178	
	01:40	5034	5010	56,6	50,9	8,5	178	
	01:50	4963	4929	57,9	51,0	8,4	178	
	02:10	4813	4785	59,2	51,1	8,4	179	
	02:20	-	4696	64° 00,6	51,1	8,7	180	
	02:30	4791	4765	01,9	51,1	8,5	178	
	02:40							
	02:50	4847	4821	04,6	51,4	8,5	176	
03:00	-	4698	05,9	51,6	8,4	177		



PSF (kHz) PSP RF RL Wt DR Deso-
Rolle Nr.

DUMME SPRÜCHE

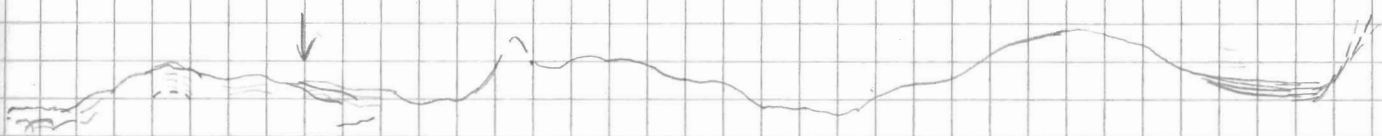
4.0 2.0 40 266 0 0 11

Bandwechsel 103 → 104 21:34

Reuige auf 5000 m eingestellt

00:10 00:20 01:00 02:00 03:00

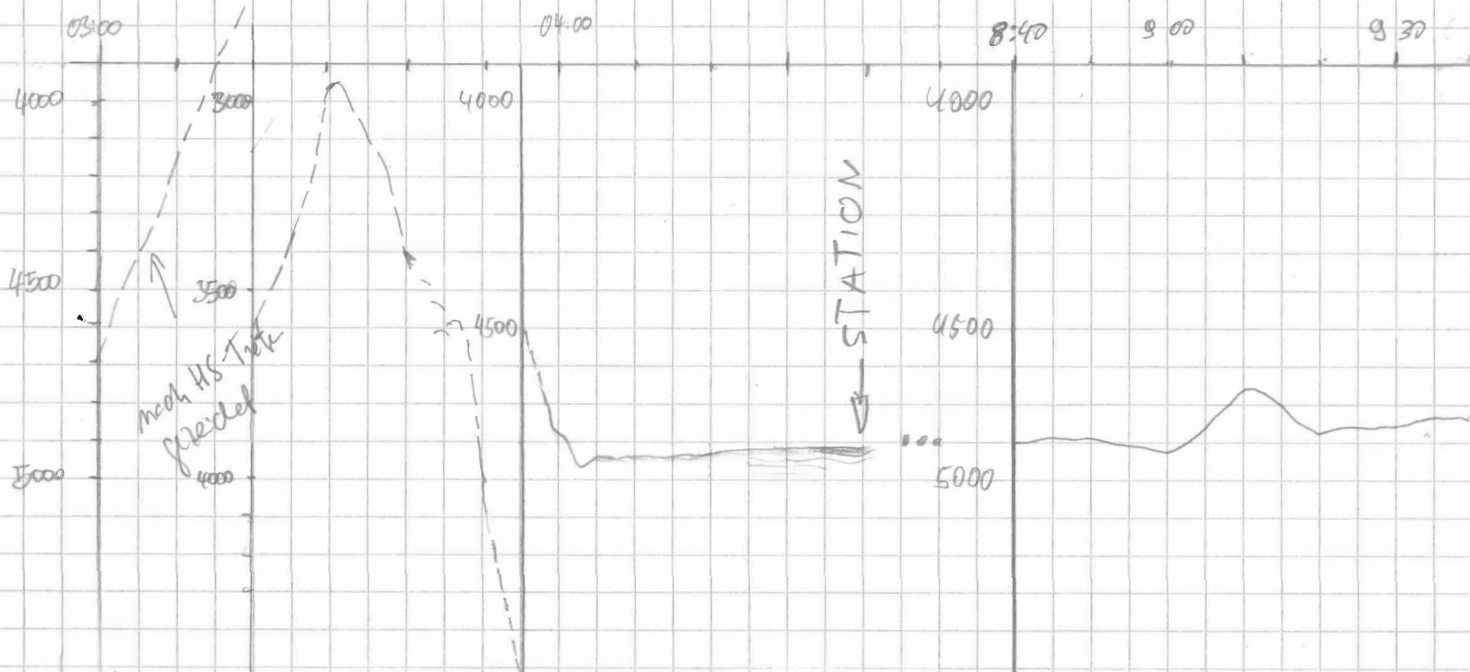
truncated reflectors



Datum	Zeit	DS	HS	LAT	LONG	SPEED	COURSE	Den Vänderer
	03:10	-	4166	64°07.5 S	70°51.8 E	9.1	179	David Wöller
	03:20	-	3619	08.6 S	51.8 E	9.1	178	
	03:30	2985	2997	09.9 S	51.9 E	8.6	177	
	03:40	3419	3542	11.2 S	52.0 E	8.7	176	
	03:50	3849	4143	12.7 S	52.2 E	8.9	176	
	4:00	-	4775	14.2	52.4	9.1	177	Bernel Lasser
	4:10	4871	4874	15.6	52.5	9.0	177	
	4:20	4872	4949	16.9	52.6	9.0	178	
	4:30							
	4:40	4842	4905	19.9	52.8	8.8	177	
	4:50	-	4885	21.0	53.1	7.0	177	
	5:00	4812	4873	21.5	56.0	8.4	114	
	5:10	4906	4864	22.0	58.7	8.1	116	
	5:20	4907	4870	22.4	8°01.4 E	8.0	116	
	5:30	4913	4892	22.8	4.7	8.2	116	
	5:40							
	5:50	4903	4885	23.8	8.9	4.0	112	
	6:00	4895	4879	24.0	10.2	8	112	

8/46

	8:40	4889	4877	24.0	10.4	3.9	98	Bernel Lasser
	8:50	4889	4862	25.1	11.0	9.7	172	
	9:00	4908	4888	26.9	12.0	11.7	173	
	9:10	4878	4856	28.7	12.3	12.0	171	H. Rudow
	9:20	4882	4856	30.73	13.07	12.2	172	
	9:30	4884	4855	32.74	13.77	12.2	172	
	9:40	4859	4825	34.7	14.4	12.6	173	
	9:50	4866	4828	36.6	14.9	12.0	172	
	10:00	4804	4805	38.6	15.6	12.3	171	
	10:10	4829	4801	64 40.0	8 16.4	12.3	173	F. Zwein
	10:20	4826	4800	42.6	17.3	12.3	166	
	10:30	4820	4794	44.5	18.2	12.3	167	
	10:40	4816	4788	46.4	19.3	12.8	166	
	10:50	4817	4784	48.3	20.4	12.8	167	
	11:00	4825	4787	50.3	21.5	12.6	166	



PS FREQ.	PS PULS	REG.. FREQ.	REG. LÄNGE	UNIT	DATA RED.	DESD- ROLLE
4	2	40	266	0	0	M

GIBT'S OAS?

Fahrt sträf auf ein Rieder hin auf
- keine Edlos!

15:50 Kurzfristiger Aus-
fall v. Perum. Signal / Em-
pfung (?) nach Einschalten
der Strahler oder umschalt.
von Frequ. / Pulse??

1 Tape: Medium full at 6:56 bei
Anzeige 100% um 5:58!?!?

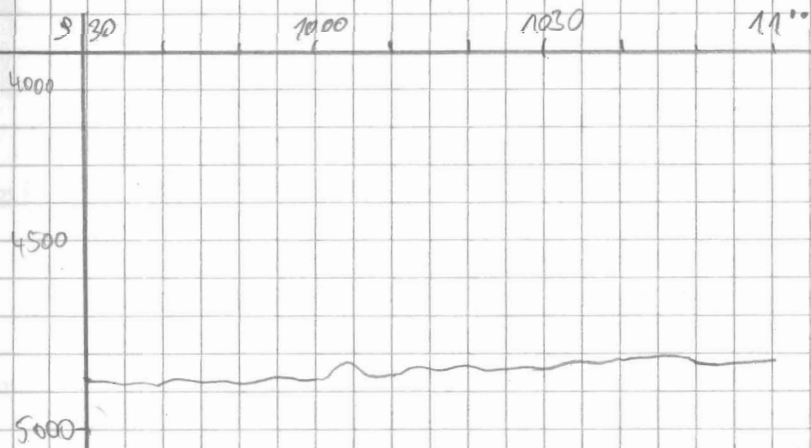
5.5	4	40	266	0	0	M
"	"	"	"	30	10	"

Strahlrucker
AHA! Der Balken hatte recht.
Tapewechsel 105 -> 106

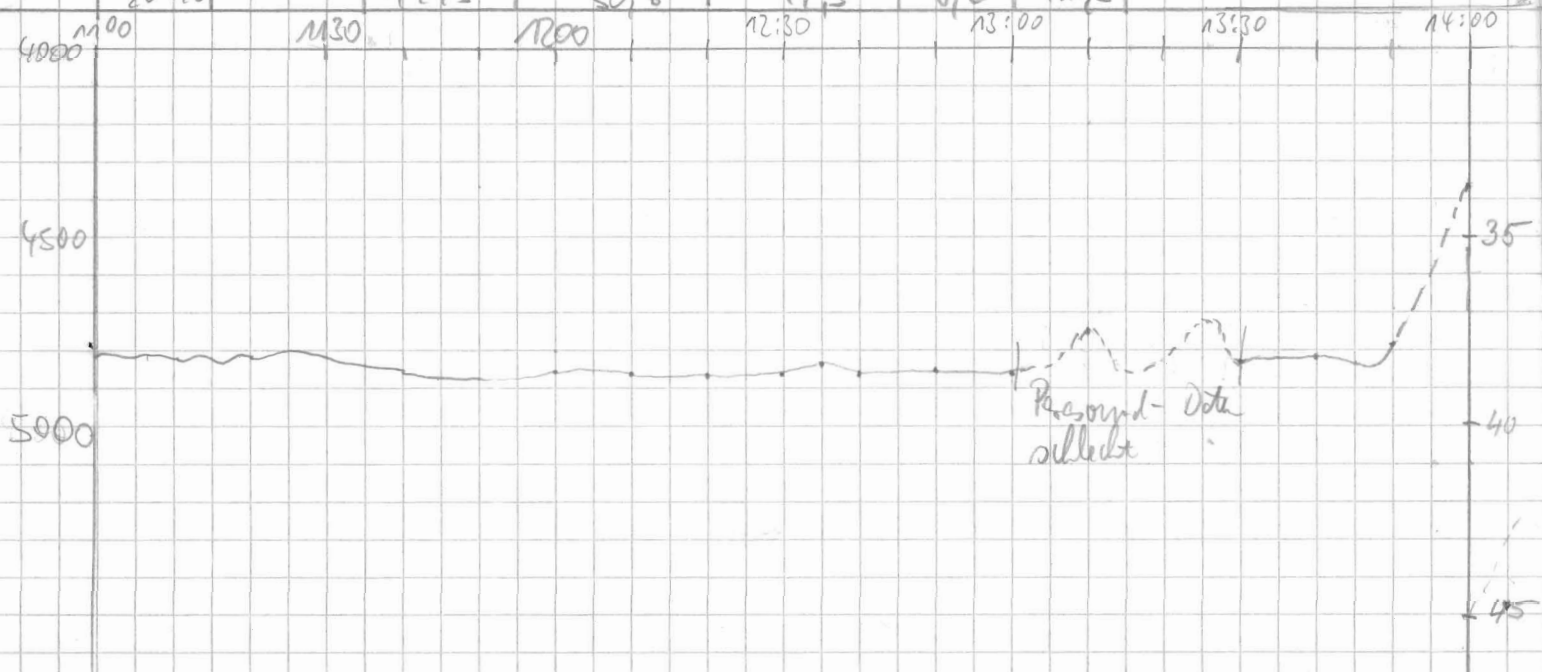
6:00 pünktlich! Station

4	2	40	266	0	0	M
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Stationsende 116. Abstreifen...



wann		Wie tief?		Wo?		Wie	Wohin?	Wer?
Tach	Tiet	PS [m]	HS [m]	Lat	Lon	schneidl. kn	°	
UTC	UTC							
22/4/84	11:00	-	4770	64 52,2	E 8	22,6	12,3	166,5
	11:10	4816	4786	64 54,1	8	23,7	12,6	166,2
	11:20	4818	4780	55,9		24,8	11,9	166,3
	11:30	4810	4779	57,8		25,7	12,5	168,8
	11:40	4839	4810	59,8		26,7	12,7	171,4
	12:00	4846	4814	65° 01,8	8°	27,4	12,8	170,6
	12:10	4863	4832	03,7		28,1	12,8	171,4
	12:20	4864	4830	05,7		29,0	12,6	168,7
	12:30	4861	4833	07,5		29,9	12,5	168,4
	12:40	4857	4826	09,5		30,9	12,3	167,2
	12:50	4849	4817	11,4		31,8	12,4	170,5
	13:00	4867	4836	13,4		32,6	12,4	172,5
	13:10	4745	4754	15,4		33,4	12,5	171,7
	13:20	-	4799	17,3		34,1	12,5	170,9
	13:30	4835	4826	19,3		35,0	12,6	169,2
	13:40	4807	4796	21,2		35,9	12,7	169,5
	13:50	4792	4799	23,1		36,8	12,3	168,5
	14:00	4379	4405	25,0		37,8	12,7	169,5
	14:10	4100	3980	26,7	S	38,9	12,8	168,1
	14:20	3963	3904	28,9		39,9	12,0	169,9
	14:30	4286	4290	30,8		40,7	12,5	169,5
	14:40	4583	4524	32,7		41,6	12,6	170
	14:50	-	4048	34,6		42,4	12,6	168,7
	15:00	3783	3779	36,6		43,4	12,7	166,2
	15:10	4078	4043	38,5		44,4	12,2	170,1
	15:20	4032	4009	40,3		45,7	11,8	127,8
	15:30	4148	4126	41,4		49,2	11,1	127,8
	15:40	4241	4215	42,4		52,7	11,3	127,7
	15:50	4286	4262	43,6		56,4	12,0	130,9
	16:00	4323	4300	44,7		59,5	11,4	128,5
	16:10	4333	4304	45,7	9°	03,1	11,9	130,3
	16:20	4331	4302	46,8		06,4	11,0	130,9
	16:30	4275	4245	47,8		08,8	3,7	117,8
	20:00	4364	4327	65° 48,6	S 9°	12,1	8,4	136
	20:10	-	4271	49,8		14,8	9,0	133,3
	20:20	-	4215	50,8		17,5	8,2	133,5



Wie?

PS-Frequ kHz	Pulse	R-Frequ kHz	R-Len ms	Wait s	D-Red %	Paso Rolle
4	2	40	266	0	0	11

Was liegt an?

12:30 Bandwechsel 106 → 107

4.0 2.0 40.0 266.0 0 0 11

Station 16²⁹
Stationende 19:47

14:30

15:00

15:30

16:00

16:30

17:00

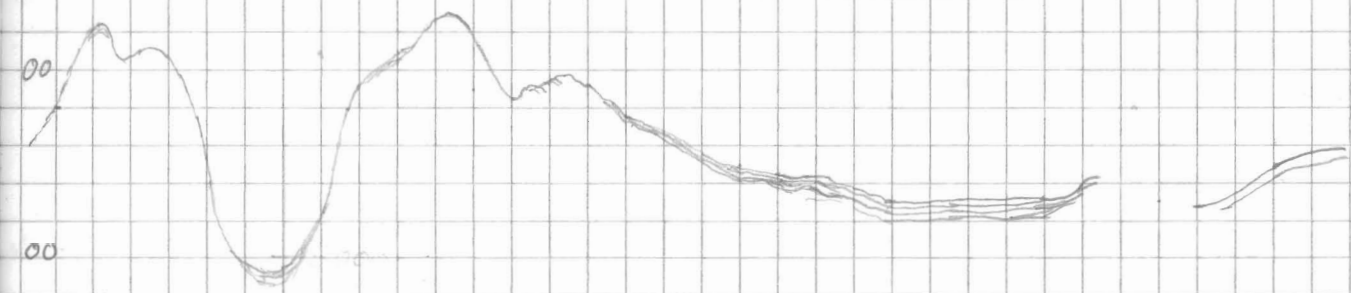
17:10

17:20

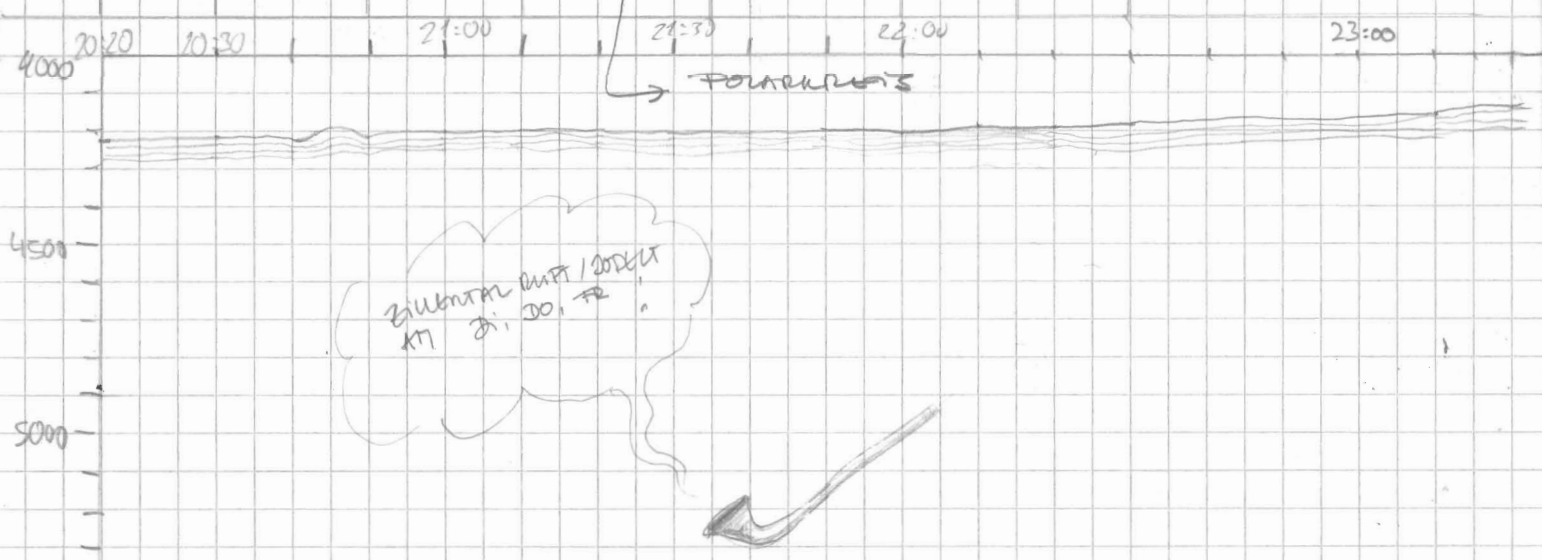
000

00

00



Date UTC	Time UTC	PSEM]	HSCM]	Lat	Lon	Speed	Course	Watch
22/1/94	20:30	4252	4226	65°51,85 S	90°20,05 E	8,8	133,2	V. Bradshaw
	20:40	4254	4226	52,86	22,61	9,9	133,1	"
	20:50	4149	4118	53,9	25,3	9,0	133,8	"
	21:00	4225	4193	54,9	27,8	9,4	132,8	"
	21:10	4222	4192	55,9	30,3	9,0	134,0	"
	21:20	4224	4188	56,9	32,9	9,3	132,2	"
	21:30	4220	4185	57,9	35,5	9,3	132	"
	21:40	4222	4182	59,0	38,2	9,8	132	"
	21:50	4215	4177	66° 00,0 "	41,0	9,3	131,5	"
	22:00	4213	4173	01,1 "	43,8	9,6	130,7	K. MICHELS
	22:10	4203	4170	02,0	46,5	9,6	131,0	"
	22:20	4192	4160	03,0	49,3	9,3	132,6	"
	22:30	4185	4156	03,9	52,1	9,8	131,3	"
	22:40	4181	4155	05,0	54,9	9,1	132,2	"
	22:50	4174	4143	05,9	57,6	9,6	131,0	"
	23:00	4171	4147	06,9	10° 00,4	10,2	130,8	"
	23:10	4161	4134	07,9	03,4	9,4	128,8	"
	23:20	4130	4103	08,9	06,4	9,6	128,1	"
	23:30	4107	4080	09,9	09,2	9,4	133,6	"
	23:40	-	4051	11,0	11,9	9,7	134,2	"
	23:50	4052	4022	12,0	14,5	9,9	134,2	"
23.04	24:00	3983	3960	13,9	14,4	10,9	188,2	"
	00:10	3990	3952	15,7	13,7	10,9	186,4	DAVID VÖLKER
	00:20	3966	3930	17,0	13,3	11,9	188	"
	00:30	3957	3925	18,7	12,7	10,9	186	"
	00:45	3907	3890	21,3	11,9	10,9	186	"
	01:00	3833	3807	24,1	11,2	10,8	188	"
	01:10	3750	3737	25,7	10,7	11,0	187	"
	01:20	3666	3657	27,6	10,1	11,1	184	"
	01:30	3677	3640	29,2	09,7	11,2	187	"
	01:40	-	3508	31,0	09,0	11,1	187	"
	01:50	3655	3615	32,8	08,4	11,1	187	"
	02:00	-	3509	34,7	07,8	11,3	185	"
	02:10	3736	3691	36,4	07,4	11,2	185	"
	02:20	3704	3662	38,2	06,9	11,3	187	"
	02:30	3611	3573	60° 40,0	06,3	11,2	189	"



PS-Freq kHz	Pulse	R-Freq kHz	R-Len ms	Wait s	Data Read	Dist Roller
4,0	2,0	40,0	266	0	0	11

Sonst noch was?

372

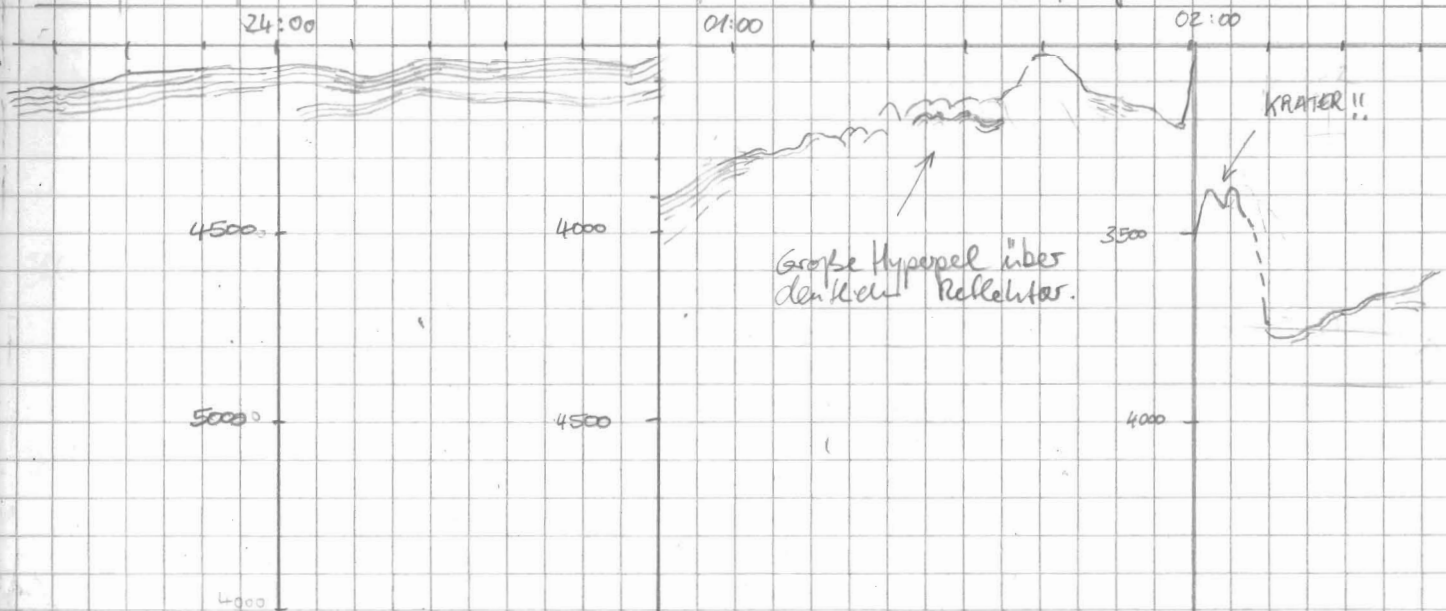
21:26 R-length eingestellt auf 372 ms

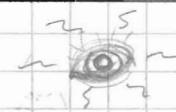
Bandwechsel #107 → #108
 um 23:42 Uhr
 WP ÜBERHAUFEN, KURZWECHSEL

01:20 Hypothen
 02:10 SEAMOUNT mit
 KRATERNARTIGER
 VERTEPFUNG

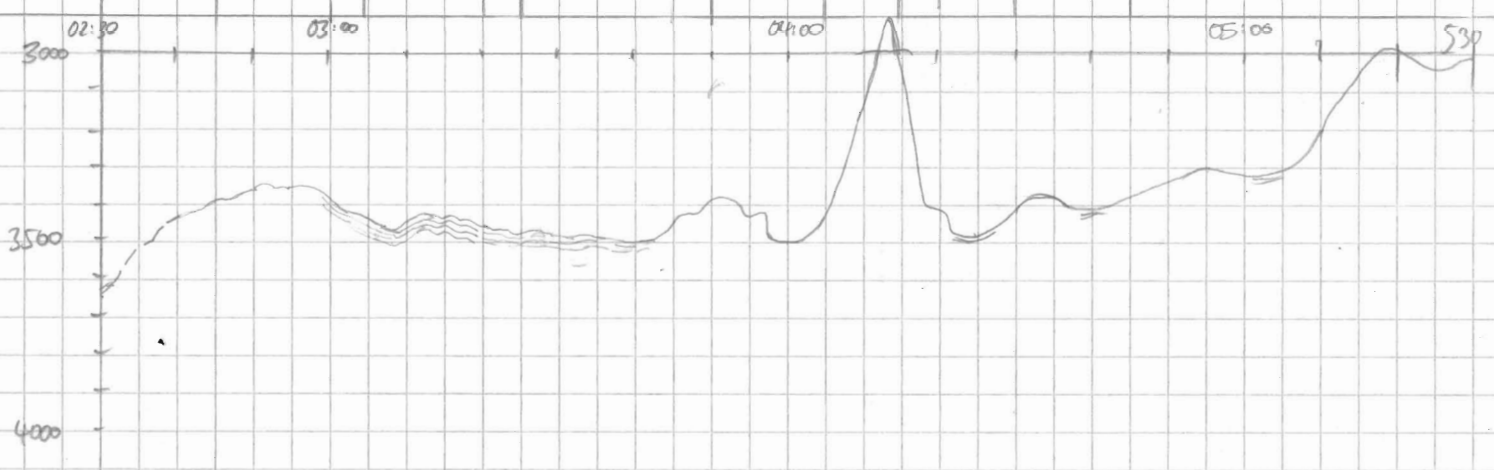


POLARZIRKEL!
 02:30 - Überquerung d. Polarkreises!





DATE	TIME	FS	HS	LAT	LONG	SPEED	COURSE	DAS ANGE	
23.04	02:40	3449	3418	66° 41.9 S	10° 05.7' E	10.2	187	DAVID VÖCKER	
	02:50	-	3372	43.3 S	05.2' E	9.8	186		
	03:00	3370	3336	44.8 S	04.8' E	9.7	187		
	03:10	3386	3350	46.3 S	04.3' E	9.7	186		
	03:20	3401	3365	48.0 S	03.7 E	9.6	188		
	03:30	3444	3406	49.2 S	03.3 E	9.5	187		
	03:40	3486	3481	50.8 S	02.8 E	9.7	187		
	03:50	-	3462	52.3 S	02.3 E				
	4:00	3524	3468	53.8	1.8	9.8	187		Bernnd Laser
	4:10	3450	3071	55.4	1.5	8.8	187		
	4:20	3508	3448	57.3	1.0	9.6	188		
	4:30	-	3316	58.7	0.5	9.8	186		
	4:40	3378	3323	58.8	0.2	9.5	188		
	4:50								
	5:00	3315	3266	67° 9.6 S	9° 58.8 E	10.0	189		
	5:10	-	3174	4.4	58.5	9.7	189		
	5:20	3078	3040	6.0	58.0	9.1	186		
	5:30	3078	3043	8.8	57.0	9.7	187		
	5:40								
	5:50	-	3092	10.4	56.6	9.8	188		
	6:00	3077	2987	12.3	55.8	9.7	187		
	6:10	3016	2980	12.8	56.0	1.3	115		
	3							Bernnd Laser	
	8:10	3250	-	67° 14.8 S	9° 54.7 E	9.1	169		
	8:20	3472	3423	15.8	55.4	12.6	167		
	8:30	3810	3759	17.8	57.2	13.4	161		
	8:40	3833	3897	18.8	58.7	13.5	161		
	8:50	-	4050	21.8	10° 0.8 E	13.4	168		
	10:00	3044	✓	24.0	1.9	13.5	167		H. Rudow
	10:10	2922	2880	26.06	3.10	13.3	164		
	10:20	2985	2945	28.07	4.52	12.9	163		
	10:30	2988	2945	30.02	5.9	11.8	163		
	10:40	2950	2906	31.78	7.07	11.2	165		
	10:50	-	2828	33.51	7.89	11.1	168		
	11:00	2772	2731	35.20	8.76	10.2	170		



- PS → ← REGISTRIERUNG → ←

FREQ	PULS	FREQ	DAUER	UNIT	RED.	ROLLE
------	------	------	-------	------	------	-------

40!

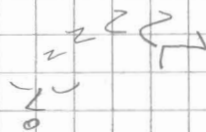
→ 141

4	2	40	372	0	0	12
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02:35-02:40 JESU-ROLLE
GROECHST (11 → 12)

03:10 Badwechsel 109 → 110

The Hawkeye



5:15 erstes kleines Treiber draußen
→ Speed kurzfr. verlangsamt.

5.5 4

300

Strahlrunder... Station
118

4 2

40

372

0

0

12

Ablaufen v. ST. 118...

Bandwechsel 110-111 (sic!)

2500 5:30

6:00

9:10

10:00

11:00

Station



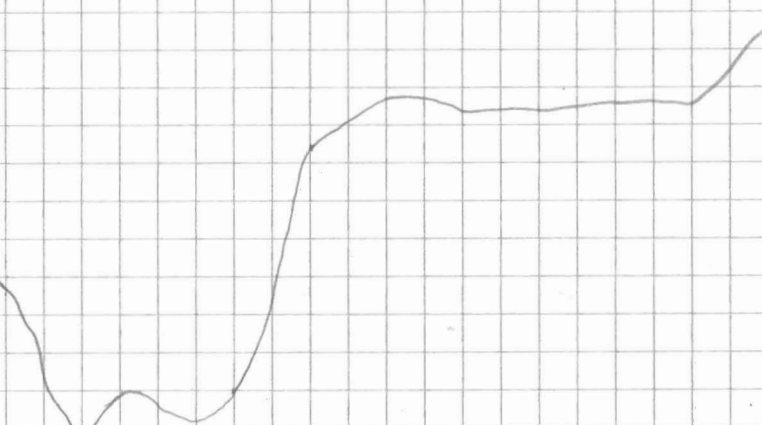
3000

3000

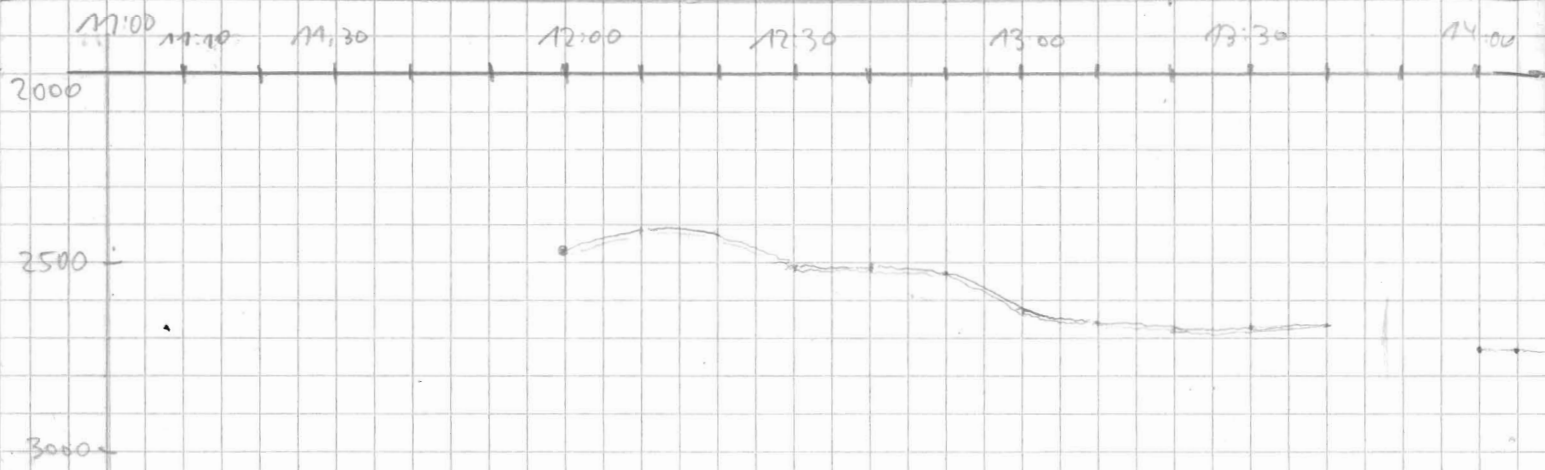
3500

3500

4000
[m]



Date	Time	PS	HS	Lat	Lon	Speed	Course	Watch
23.4	11:10	2773	2674	36,79	9,81	10,4	163,8	H. Rudow
	11:20	2663	2623	38,85	11,17	10,3	162	
	11:30	2593	2556	39,96	12,55	9,8	167	
	11:40	-	-	41,58	13,51	10,1	167	
	11:50	2514	2472	43,11	14,17	9,9	170	
	12:00	2482	-	67° 44,7	14,7	9,3	173	
	12:10	2479	2382	46,38	15,46	9,7	170	
	12:20	2427	2387	47,85	15,98	10,3	169	
	12:30	2477	2435	49,32	17,10	10	160	
	12:40	2470	2507	51,0	18,56	10,7	169	
	12:50	2430	2507	52,56	19,32	10,4	167	
	13:00	2620	2577	54,0	20,1	9,3	167	
	13:10	2644	2599	55,63	20,95	9,5	167	
	13:20	2673	2625	57,2	21,88	10,2	164	
	13:30	2683	2636	58,66	23,23	9,5	164	
	13:40	2676	2629	68 0,17 10	24,1	10,5	187	
	14:00	2725	2678	3,37	25,25	7,8	160	
	14:10	2713	2666	4,3	27,7	11,3	147,7	H. Hammers
	14:20	2699	2655	6,1	29,4	9,6	153,2	
	14:30	2699	2653	7,2	29,4	9,1	216,1	
	14:40	2709	2664	8,5	29,2	11,6	178,2	
	14:50	2692	2654	10,2	28,6	9,0	198,3	
	15:00	2683	2645	11,5	28,7	7,4	158,3	
	15:10	2569	2528	12,6	30,9	9,4	173,9	
	15:20	2594	2552	14,1	30,8	8,2	157,7	
	15:30	2590	2545	15,1	32,1	7,1	159,6	
	15:40	2582	2536	16,0	33,2	6,6	163,8	
	15:50	2622	2575	17,4	33,7	10,1	142,5	
	16:00	2650	2611	18,7	36,1	9,0	151,1	
	16:10	2754	2711	20,1	38,1	11,2	151,6	
	16:20	2811	2763	21,5	38,8	8,2	181,3	P. Borgardt
	16:30	2814	2768	23,5	39,2	3,8	171,2	
	16:40	2820	2775	23,4	39,5	6,5	178,8	
	16:50	2777	2738	24,7	39,4	7,4	177,2	
	17:00	2775	2734	25,0	39,4	3,2	175,6	
	17:10	2773	2728	25,4	39,3	5,9	176,8	
	17:20	2732	2697	26,8	39,7	7,9	170,1	

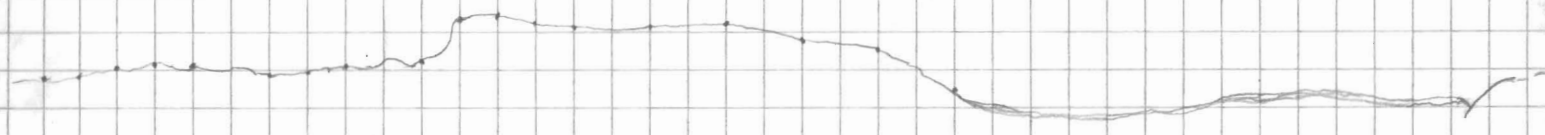


PS		REG			Deso	
Frequ	Pulse	Frequ	Len	Unit	D-Reol.	Rolle
		kHz	ms	S	%	
		40			0	12

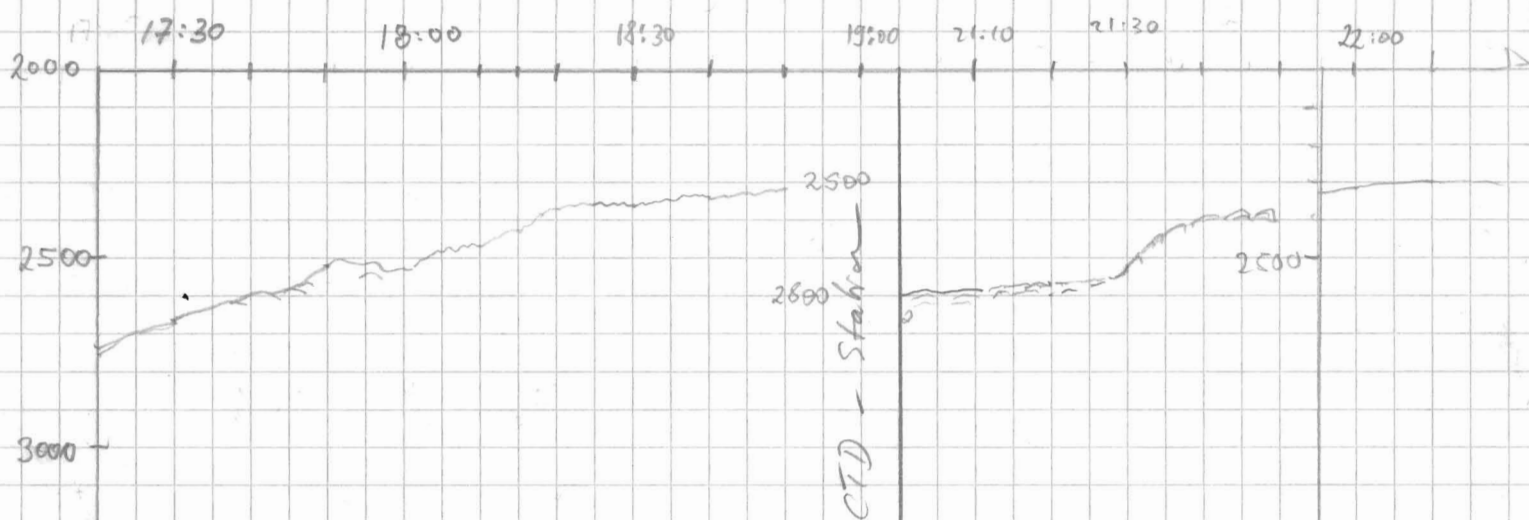
13:52 weekday AM → MR

4.0 2.0 40 266 0 0 12

14:30 15:00 15:30 16:00 16:30 17:00 17:20



DATE	TIME	PS	HS	Lat	Lon	Speed	Course	Watch	dog
23.4.94	17:30	2683	2641	68° 27.6	10° 40.4	10.0	143.2	F. Borgardt	
	17:40	2642	2595	28.4	41.2	7.2	144.1		
	17:50	2573	2535	29.4	42.0	7.5	170.9		
	18:00	2566	2523	30.5	42.1	5.8	159.5		
	18:10	2460	2450	31.7	42.6	12.0	155.0	F. I. Maas	
	18:20	2379	2408	32.8	43.3	8.4	163.2	"	
	18:30	2370	2335	34.1	44.6	4.9	136.1	"	
	18:40	2333	2304	34.7	44.6	1.9	202.7	"	
	18:50	2307	2284	34.7	44.5	1.9	149.5	"	
	19:00								
	20:50	2748	2712	36.0	43.3	6.3	202	B. L.	
	21:00	2755	- ?	36.3	43.0	5.7	203		
	21:10	2699	0	37.0 S	42.1 E	7.7	203	F. N.	
	21:20	2727	2898	38.6	40.8	5.8	208	"	
	21:30	2794	2642	39.1	39.2	6.1	203	"	
	21:40	2674	2630	68° 39.6 S	10° 39.0 E	7.3	234	V S	
	21:50	2600	2571	41.0 S	38.0 E	12.5	205		
	22:00	2399	2411	42.2	37.1	3.1	202.9	V. Brathum	
	22:10	-	2300	42.3	37.0	2.8	349.0	"	
	22:20	2319	2286	42.5	36.9	1.4	191.1	"	
	22:30	2302	2274	42.8	36.9	4.9	161.1	"	
	22:40	2300	2269	43.0	36.9	4.0	143.0	Daniel Wolw	
	22:50	2303	2265	43.0	37.2	4.0	116.0		
	23:00	-	2264	43.3	37.2	4.4	274	B. L.	
	23:10	-	2369	44.0	39.0	11.0 (1)	176		
	23:20	2176	-	45.2	38.0	3.3	198		
	23:30	2238	2210	46.4	37.4	5.8	190.4	U. Vogel	
	23:40	2274	2273	46.6	37.5	1.2	30.6		
	23:50	2275	2255	46.7	37.4	1.2	347.1		
24.04.94	0:00	2254	2210	47.0	37.1	1.0	193.7		
	0:10	2276	2196	47.0	36.9	1.0	10.3	J. Brigel	
	0:20	-	2174	47.2	36.5	4.0	231		
	0:30	-	-	47.2	36.3	5.7	320	H. Schorffmüller	
	0:40	-	2377	47.0	32.2	5.8	260	"	
	0:50	2332	2306	47.0	29.9	2.0	83	"	
	1:00	2352	2329	47.0	28.0	2.8	241.8	"	



PJ		REG				
Frequ	Pulse	Frequ [kHz]	Len [ms]	Wait [s]	Red. [%]	Deso-Rolle
4.0	2.0	40	266	0	0	12

Bla Bla Bla
Vielleicht Storage ausgedatet?

5.5? 4?

30?

18³⁹ Schiff hat zeitweilig 1-2 km.
18⁴³ Schiff sitzt fest Station.

4 2

0

Ablauf v. Station
Bandwechsel M2 - M3
x-corr. on
21:07 Norm Faktor → 200 in V

Wir sind fast! Richtbetriebe sind rein!

Wir fahren nach Süden und es geht steil aufwärts.

4 2 40 266 0 0 12

auf und nieder, immer wieder...
mein Liep; vor und zurück?
Ty Boah ey, Kammbetrieb!

Der Parasound, der macht mich an,
viel mehr als es das trinken kann.

22:30 23:00 23:30 24:00 0:30 1:00



Boh, bin ich breit!



Party!

Coming Soon!
The revenge of Dr. Squid...

PS-Frequ kHz	PS-Puls	Rec-Frequ kHz	Anal ms	Wait	Redu.	Pesa Helle
11	2	40	266	0	0	12

Comments

Yeah! PS. Nach wie vor
ständiges Vor u. Zurück
Aufzeichnung ist Müll!!!
UND UND NIX BESSER
PLUMS! NOCH MAL BIS
PHAAAAA... - - -

All the same

Oh Ja
Bandwechsel 113-114

40	266	266				
4	2	40	266	0	6	12

no problems but ice

UV stehe still - festgepopt
- DEADLOCK! -

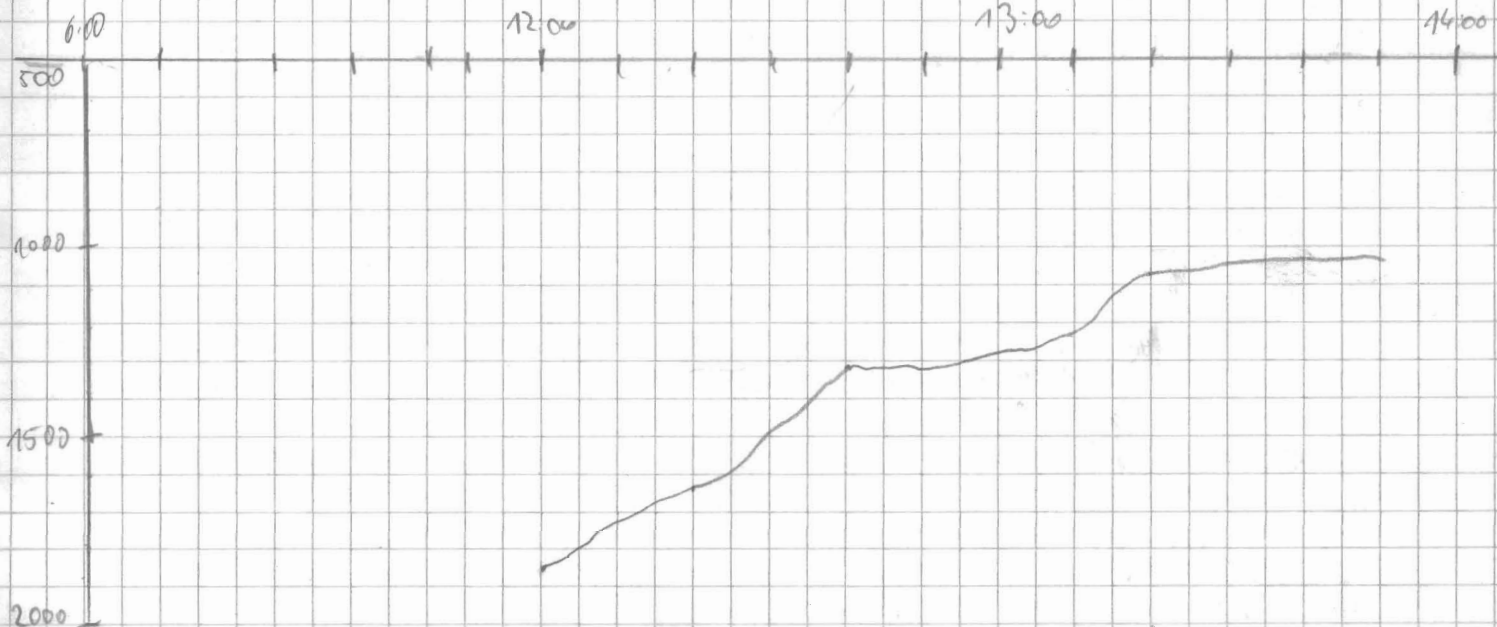
UV stehe fest - no way out!

4	2	40	266	0	0	12
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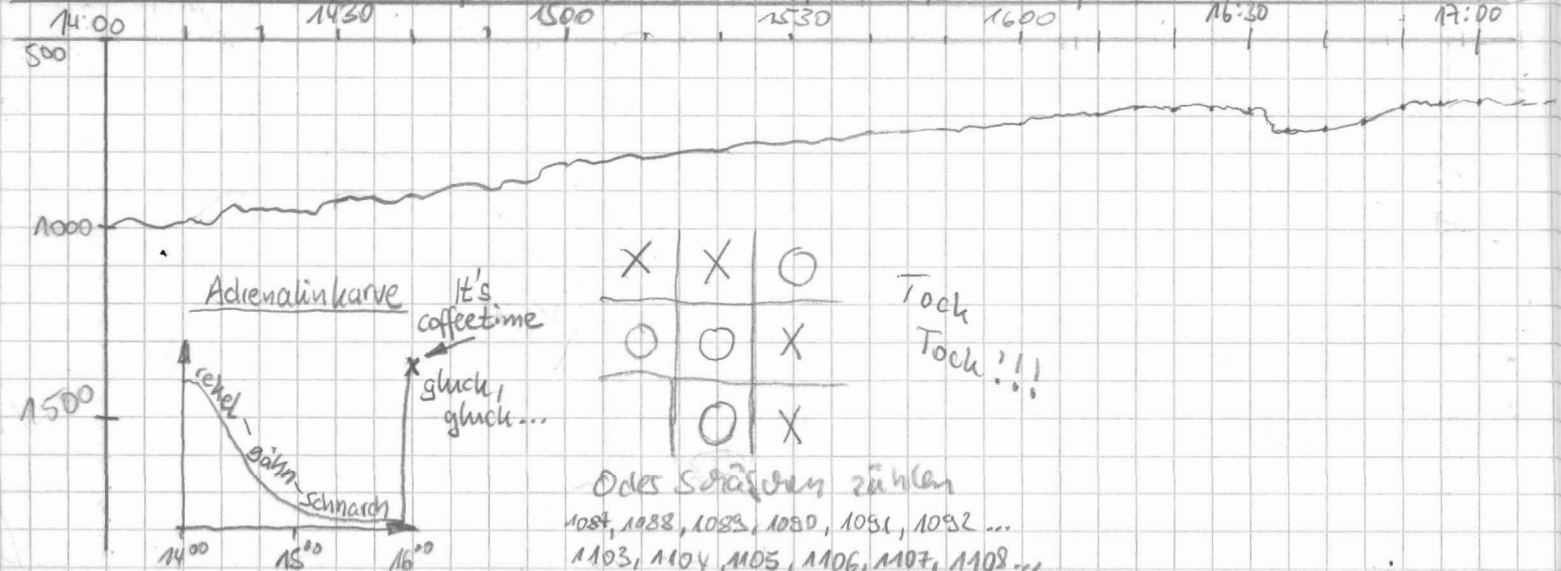
Wieder nicht fern
Bandwechsel 114-115

Sah ein Mal einen Pingu stehen,
Pingu auf der Scholle,
und das Eis war butterweich,
gab's ihm gleich als Stolle.

Носканыча Pure!



Date UTC	Time UTC	Depth		Position		Speed km	Course °	Watches - Rings
		PS m	HS m	Lat	Lon			
24.4.	14:00	/	998	69°16,80	10°52,07	1,6	257	W. Endow
24.4	14:10	/	997	69°16,89	10°52,28	3,5	128	F. Zölein
"	14:20	/	957	69°17,14	10°53,22	-	-	"
"	14:30	/	927	69°17,34	10°55,08	0,8	260	"
"	14:40	/	921	69°17,45	10°55,06	5,1	110	"
"	14:50	/	891	69°17,58	10°57,17	3,4	108	"
"	15:00	/	855	69°17,69	11°00,21	7,0	33	"
"	15:10	/	824	69°18,00	11°03,80	7,3	130	"
"	15:20	/	800	69°18,40	11°05,62	7,0	102	"
"	15:30	/	775	69°18,05	11°07,73	7,8	184	"
"	15:40	/	/	69°20,30	11°09,41	10,0	151	"
"	15:50	/	/	69°21,41	11°09,91	4,5	170	"
"	16:00	/	727	59°22,94	11°11,57	11,2	196	"
"	16:10	698	683	24,6	11,6	10,5	164,8	A. Hommers
"	16:20	690	676	25,3	11,8	3,6	345,2	
"	16:30	690	675	25,9	11,4	5,5	171,0	
"	16:40	737	722	27,5	12,0	10,3	133,8	
"	16:50	681	666	28,8	12,9	9,5	182,3	
"	17:00	663	649	30,2	13,2	7,4	165,0	
"	17:10	625	611	31,7	13,9	11,9	153,1	
"	17:20	580	573	33,3	14,6	8,8	169,0	
"	17:30	482	476	34,7	14,9	8,9	166,0	
"	17:40	453	445	35,2	15,2	1,2	288,9	
"	17:50	433	421	36,1	16,2	12,4	171,3	
"	18:00	393	387	37,9	17,0	11,1	171,1	
"	18:10	361	356	39,4	17,5	8,3	154,4	A. Borgardt
"	18:20	341	334	40,2	18,7	4,6	154,1	
"	18:30	291	284	41,2	20,1	5,3	163	
"	18:40	280,5	274,3	41,4	20,0	1,2	315,2	
"	18:50	281,3	275,8	41,4	19,6	2,1	323,2	
"	19:00	272,0	272,0	41,5	19,6	0,1	95,3	
"	19:10	277,5	271,0	41,5	19,7	0,6	78,4	
"	19:20	278,9	272,8	41,5	19,7	0,2	358,1	
"	19:30	297,6	291,5	41,0	20,3	5,1	65,0	
"	19:40	296,8	289,7	40,7	23,5	9,2	70,9	
"	19:50	290,9	284,0	40,6	25,3	6,9	84,0	
"	20:00	269	267	40,5	31,9	9,7	94,1	F. T. Haas
"	20:10	244,7	239,3	40,4	36,3	9,7	105,0	
"	20:20	235,0	229,7	40,5	41,0	8,0	108,1	
"	20:30	231,0	226,3	40,6	44,4	9,3	112,7	



Frequenz kHz	R-Protz	Rec Frequenz	Len ms	Wait s	D-Red %	Dona Kolle
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Banyac?

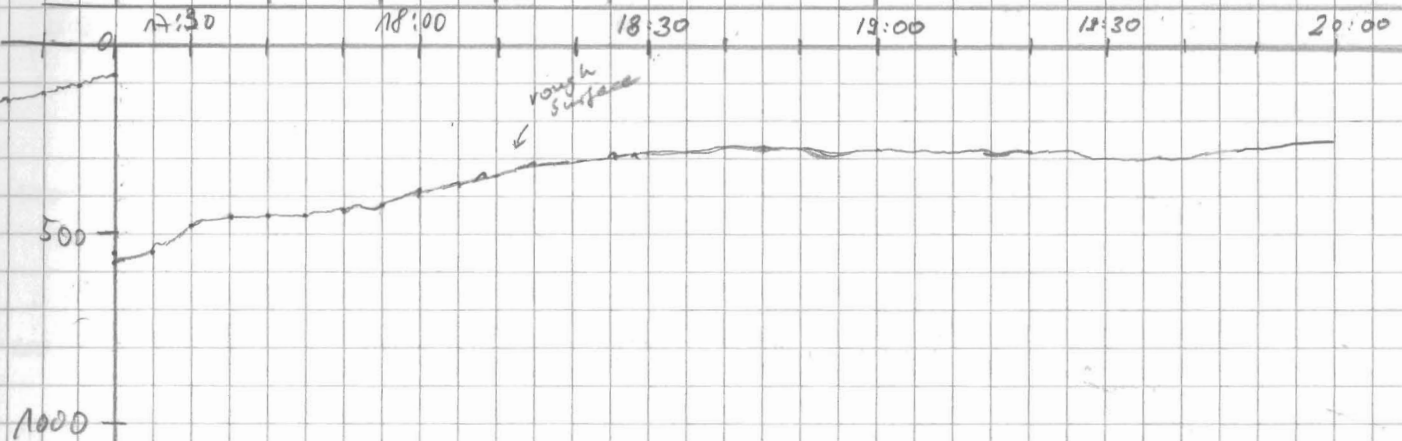
Bandwechsel 115 → 116
Rechner neu gestartet

17:50
→ PAR. NBS auf PAR umstellen

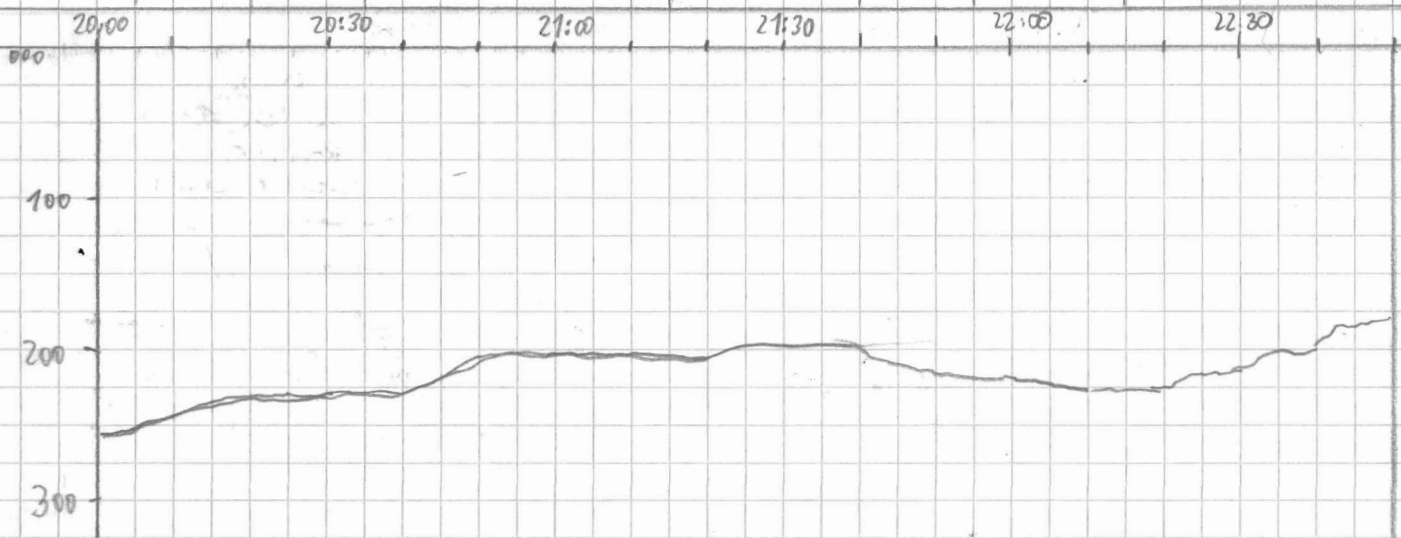
4.0	2.0	40	266.0	0	0	12
				3		

Wait-Time Einstellung

Bandwechsel 116 - 117



Date UTC	Time UTC	PS [cm]	HS [cm]	Position		Speed [km]	Course [°]	Watch
				Lat	Lon			
24.04	20:40	233,4	227,7	63° 41,7	11° 47,3	9,4	148,1	HELMUT SCHOTTMÜLLER
	20:50	208,5	203,0	43,1	49,5	4,8	146	
	21:00	207,6	202,8	43,0	49,4	- 2,7	326,8	
	21:10	207,7	202,4	43,1	49,4	3,5	124,4	
	21:20	215	209,5	42,8	52,8	8,6	84,7	
	21:30	219,7	212,5	42,8	57,9	9,0	91,6	
	21:40	223,5	217,5	42,8	12° 02,9	11,5	88,0	
	21:50	221,4	215,0	42,7	08,1	7,3	89,4	
	22:00	218,6	212,0	42,5	08,5	7,0	38,9	
	22:10	221,7	217,4	42,4	13,6	11,1	87,6	
	22:20	227,1	219,9	42,3	18,7	12,2	88,7	
	22:30	210,3	203,4	42,7	22,6	10,3	144,2	
	22:40	203,6	199,0	44,1	24,0	11,3	174,5	
	22:50	181,2	174,0	46,0	24,8	10,8	172,8	
	23:00	171,6	169,1	47,8	25,2	10,5	173,1	
	23:10	155,4	149,1	49,3	24,5	11,6	194,4	
	23:20	150,8	145,2	50,1	24,4	8,9	240,1	
	23:30	130,7	127,0	50,8	18,1	9,2	250,9	
	23:40	123,4	120,1	51,0	15,1	5,9	255,6	
	23:50	126,0	121,4	51,4	12,8	4,9	226,5	
25.04	00:00	126,4	122,0	51,8	11,1	0,6	232,5	DAND JÖCKER
	00:10	125,5	120,9	52,1	10,2	3,7	53,0	
	00:30	-	-	52,5	08,3	3,6	247,0	
	00:40	119,0	114	52,6	07,7	4,1	244,7	
	00:50	122,0	118	52,8	06,1	4,8	244,4	
	01:00	127	123	53,1	04,7	3,2	241,	
	01:10	147	142	53,3	02,7	4,6	256	
	01:22	151	146	53,3	01,1	2,0	78,	
	01:40	153	149	53,3	01,7	6,0	258	
	01:50	163	158	53,5	00,4	2,3	248	
02:00	172	167	53,6	110° 59,8	1,6	245		
02:10	177	173	53,8	58,7	2,1	248		
02:20	-	-	53,8	58,2	0,6	265		



Frequenz [kHz]	Pulse	Frequenz [kHz]	Length [ms]	Wait [s]	Red [%]	Deso Rolle
4	2	40	266	0	0	12

Bla Bla

20:51 Schiff hält an, Rückwärtsfahrt
 21⁰² Schiff fährt wieder vorraus
 21⁰⁵ Schiff hält an, Rückwärtsfahrt
 21¹⁰ Schiff fährt wieder vorraus

Drehung des Schiffs

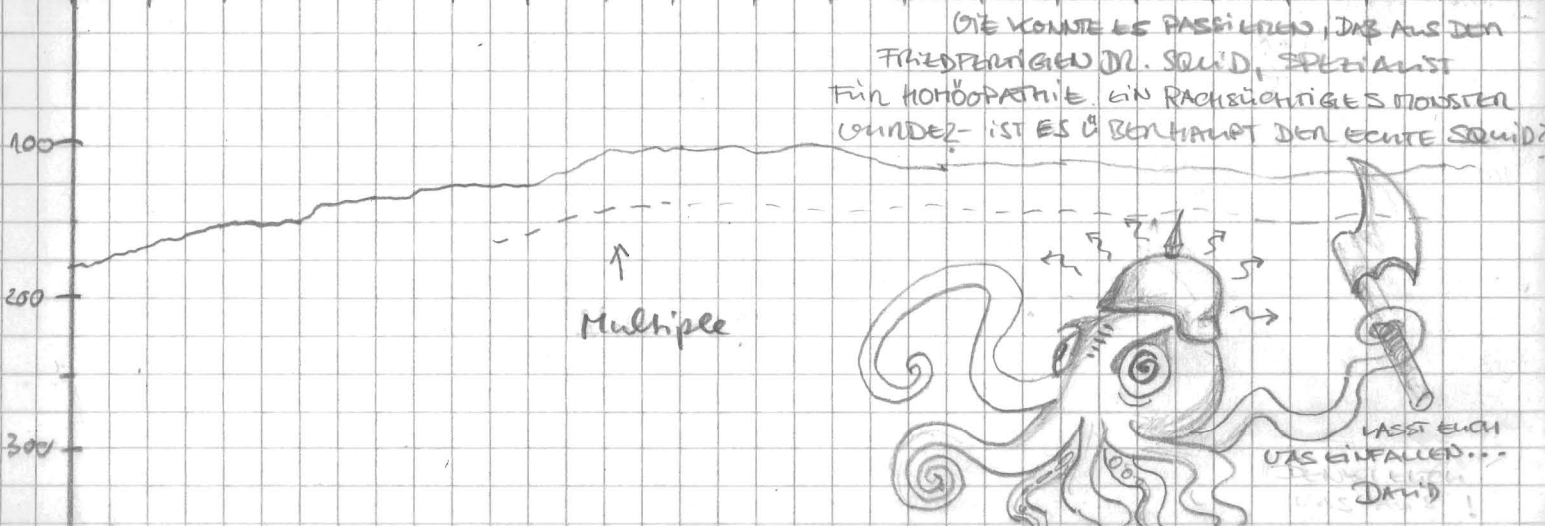
HS und PS zeitgleich angefahren
 bis unter dem Ruhe?
 00:35 PS und HS-Synchi
 zeitlich wieder da!

Bandwechsel 117 → 118 01:25

01:45 Registrierlage y gestellt

133

22:50 23:00 23:30 0:00 01:00



- PS → ← REONANZ
 f Puls f Länge Zeit Red. DESO
 (kHz) [ms] [s] [%] -Roll

HEY! GASSUP?

Strecke

DES0-Vorord auf 1.50.000
 03:20 Fenster ist eingesteckt,
 Vorleser auf 10 erhöht und ins
 Bett gefallen!

8:18 VS
 Speidery abgestellt, Tableplot
 ausgestellt, Online-schlepplot
 angestellt, DES0-plot
 angestellt - für kleine die
 Nacht an der Stelle.

26.04. 19:45 Speidery abgestellt
 für Profifahrt, Daten
 an als Bad M8 angehängt -
 (Apped storage.)

20:00-20:20 Strecke
 20:40 Rollenwechsel DES0
 21:29 Badwechsel
 Dreij auf N

WACHENDE! wg. Eis
 Wir fahren wieder!

Deso-Reset wg. IO-Problem

4 2 40 133 0 0 13

4 2 40 133 0 0 13

... oder leidet Dr. Guid nach medizinischen Selbstversuchen an einer Persönlichkeitspaltung,
 und verandelt sich regelmäßig in den rüchlosen Würger DR. CALAMARI?!??



Date	Time	PS	MS	Lat.	Long.	Speed	Course
27.4	8:00	443	425	69° 58.1 S	12° 37.3 E	2.3	170
	8:20	516	500	58.9	37.7	1.8	153
	8:50	619	596	69° 59.0 S	12° 42.9 E	3.8	91
	9:00	608	591	59.0 S	42.5 E	6.4	260
	9:10	586	577	59.0 S	42.3	2.1	280
	9:20	564	546	"	41.4	7.8	270
	9:30	557	537	"	40.9	.9	270
	9:50	544	515	"	39.5	.8	270
	10:00	540	525	58.1	38.9	1.6	264
	10:10	540	521	"	38.4	1.2	282
	10:20	521	504	58.7	38.0	3.0	39
	10:40	547	529	58.0	40.2	0.2	286
	10:50	546	530	"	40.0	.5	180
	11:20	568	548	"	41.6	4.9	130
11:30	571	554	58.2	42.1	1.3	111	
14:00	603	589	58.4	43.1	10.2	22.3	
16:00	568.8	552.9	59.31	42.07	24	176	
28.4	11:20	639	641	69° 57.8 S	12° 48.5 E	11.1	43
	11:35	223	220	69° 54.7 S	12° 50.4 E	11.7	26
	11:40	200	193	53.9 S	57.6 E	12.6	27
	11:50	153	157	57.7 S	54.8 E	13.7	33
	12:01	156	150	49.6 S	58.6 E	11.0	33
	12:12	147	140	47.8 S	13° 01.7 E	10.2	33
	12:20	159	153	49.9	4.9	11.0	32
	12:40	236	226	42.4	10.3	10.8	3
	12:50	240	234	41.1	10.7	11.4	11
	13:00	234	226	38.7	12.1	11.5	22
	13:15	230	221	37.9	17.7	10.5	67
	13:30	230	225	36.4	24.3	10.6	56
	13:40	198	191	35.4	29.8	10.4	62
	13:50	230	224	34.5	33.1	10.7	50
14:00	244	234	32.6	36.3	11.2	359	
14:10	231	227	30.8	36.2	11.3	357	
14:20	204	196	28.8	35.9	11.4	355	
14:30	181	175	26.8	35.5	11.1	354	
14:40	275	263	25.3	35.1	10.4	1	

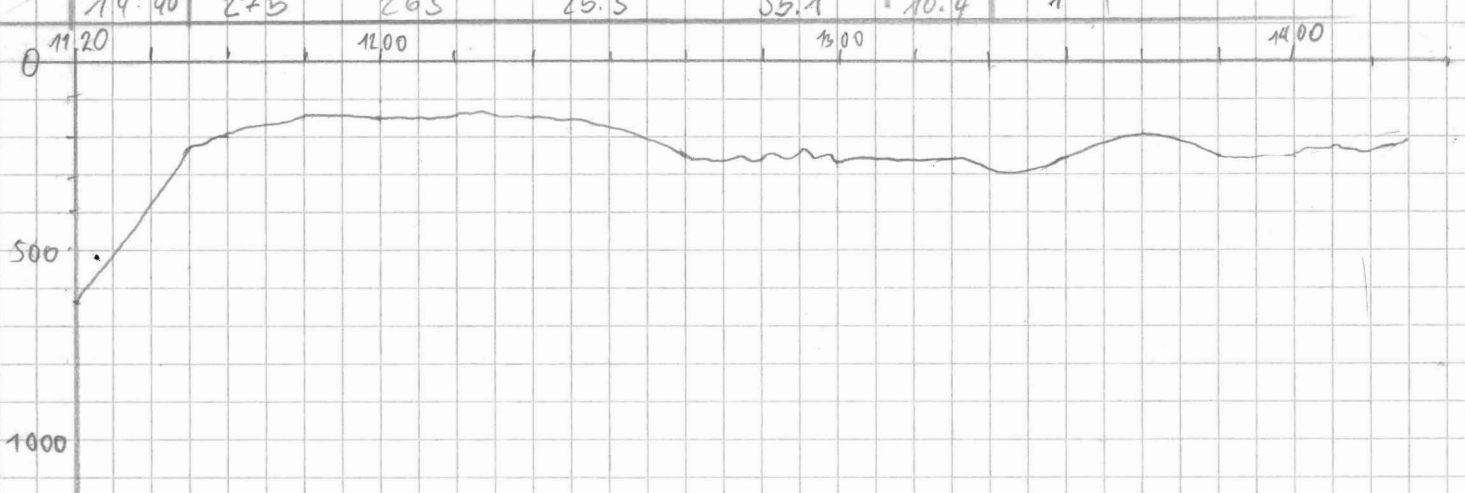


B. Laser
J. Grijel
B. Laser

B. Laser
F. Zwein

B. Laser
J. Grijel
B. Laser

David Joller





PS		Registrierung					
L	Pulse	L	L	W	R	Deso	
4	2	40	133	0	0	13	
4	2	40	133	0	0	13	
4	2	40	133	0	0	13	
				30			
				0			
				30			
				0			
				30			
4	2	40	133	0	0	13	

Bandwechsel 119-120

und nochmal das Ganze
?? No Robin Deso: 1:50000

Weiter?
?? Deso 1:50000

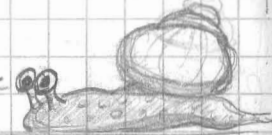
Wohin? Was ist los??
Trennen

Kurs Nord

13:20 Bandwechsel 120 -> 121

14:45 Kurs Station ~ 30 min

14:30 14:40



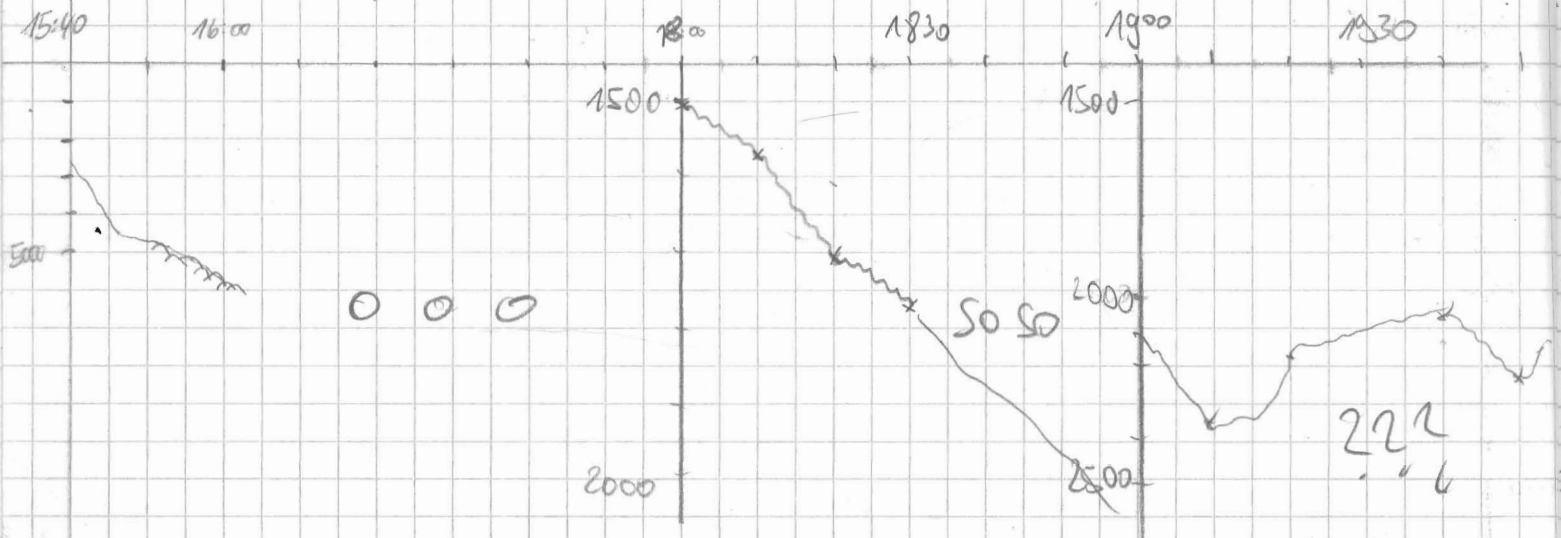
DATE	TIME	FS	HS	LAT	LONG	SPEED	CONTR
28.07	14:50						
	15:35	320	307	69° 24.7 S	130° 34.5 E	9.2	301
	15:50	452	437	23.6 S	32.1 E	9.0	310
	16:00	560	542	69° 22.4 S	29.2 E	8.0	342
	16:11	574	556	22.2 S	28.7 E	0.9	216
	16:20	624	603	21.8	27.4	4.2	312
	16:30	656	630	21.01	26.27	6.6	327
	16:40	-	661	19.95	25.97	6.1	8.5
	16:50	737	704	18.99	25.62	8.9	356
	17:00	-	760	18.08	24.75	6.5	343
	17:10	-	858	16.78	23.97	9.8	348
	17:20	-	1119	15.32	22.98	10.1	355
	17:30	7366	7307	14.09	21.92	12.1	343
	17:40	1563	1507	13.06	20.83	7.0	344
	17:50	1332	1340	11.55	19.24	70.7	346
	18:00	1575	-	10.14	18.21	6.5	335
	18:10	1571	1532	08.79	?	7.3	352
	18:20	1705	1652	07.29	?	10.8	339
	18:30	1775	1734	06.24	16.08	8.5	352
	18:40	2006	1953	04.88	15.11	8.6	358
	18:50	2281	2194	03.80	14.35	10.6	348
	19:00	0	2179	02.37	13.14	12.3	338
	19:10	2326	2298	00.91	12.02	11.9	353
	19:20	2187	2108	59.52	11.44	8.2	355
	19:30	-	1987	58.22	11.21	6.8	353
	19:40	2064	1994	56.70	10.54	9.7	249
	19:50	2209	2133	55.31	09.62	10.0	349
	20:00	2332	2251	53.8	08.7	8.9	353
	20:10	2457	2378	52.7	07.5	9.6	318.8
	20:20	-	2363	51.8	06.4	4.9	353.0
	20:30	2397	2323	50.7	05.1	8.0	346.8
	20:40	2465	2390	49.2	03.7	11.4	336.0
	20:50	2518	2438	47.8	01.7	10.0	333.0
	21:00	-	2305	46.3	12° 59.6	10.7	340.4
	21:10	2415	2340	44.9	57.7	11.1	334.3
	21:20	2406	2335	43.3	55.5	11.4	338.2
	21:30	2358	2288	41.8	53.0	8.6	328.2
	21:40	-	2244	40.3	50.9	10.5	331.3
	21:50	2370	2303	38.7	48.4	10.7	316.9

David Volker

Henry Rudow

F. Ewald

H. Hohmann





NOTES

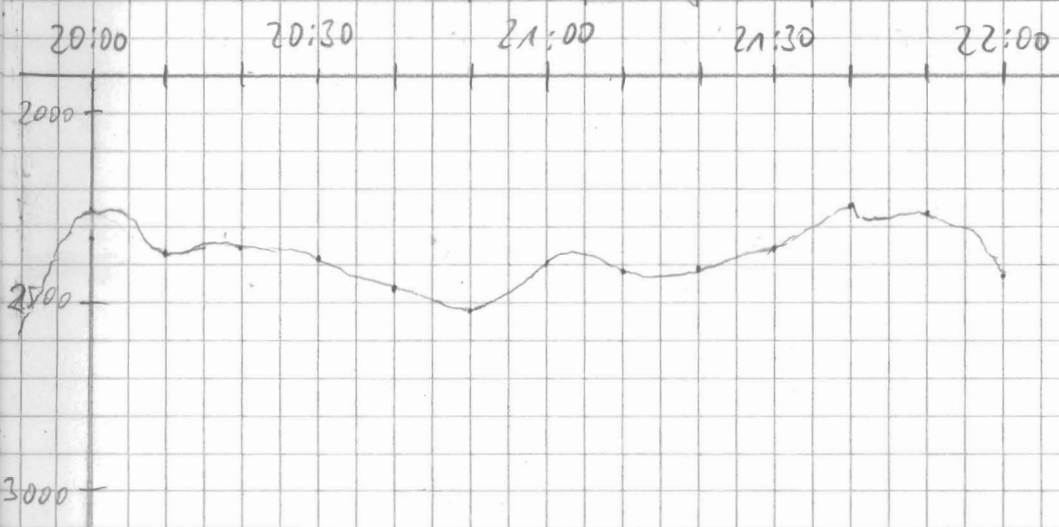
FS		REGISTRATION					Deso
f	Puls	F	Length	Lat	Red.	Rate	
(kHz)		(kHz)	(ms)	(S)	[%]		
4	2	40	133	10	0	13	
4	2	40	133	0	0	13	

fi die Dauer der Station
 wart auf 10 gesetzt.
 16:05 - Startzeit wg. EIS

starker Hang - no signal

266
266

20:20 System OFF/ON





DATE	TIME	PS	HS	LAT	LONG	SPEED	COURSE
28.04.	22:00	2436	2370	68° 37.2	12° 46.2	8.8	332.4
	22:10	2417	2349	35.6	43.9	12.4	333.3
	22:20	2416	2350	34.0	41.7	11.0	332.8
	22:30	2344	2283	32.5	39.6	11.4	332.9
	22:40	2304	2246	31.6	38.1	1.2	286.1
	22:50	2301	2244	31.5	37.6	1.1	287.5
	23:00						

A. Borgardt

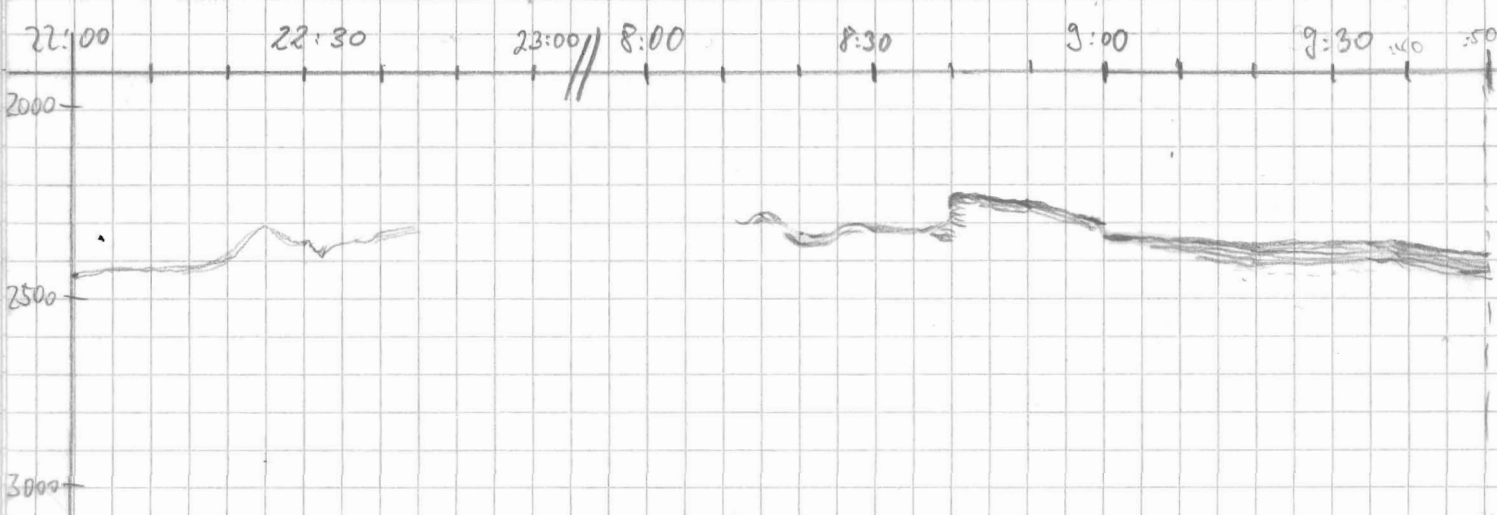
29.4.	8:15	2282	2250	68° 39.2'S	12° 44.7'E	6.6	140
	:20	2327	2283	39.5	45.8	5.9	136
	:30	2302	2256	40.2	47.0	5.7	142
	:40	-	2238	40.6	47.4	4.8	177
	:52	2241	2198	41.2	48.0	4.5	125
	9:00	2303	2250	41.6	49.4	5.9	131
	:12	2331	2285	42.2	50.3	3.6	165
	:20	2355	2309	42.5	51.0	5.0	130
	:37	2366	2379	42.8	51.4	3.7	132
	:40	2376	2328	42.9	52.0	5.1	125
	:50	2387	2337	43.1	52.9	2.0	126
	10:00	2381	2334	43.0	52.2	1.2	288

J. Grijel

21:00	-	2033		68° 41.4 S	12° 25.2 E	4.0	266
-------	---	------	--	------------	------------	-----	-----

30.4.	8:10	2174	2108	68° 41.8 S	12° 32.6 E	5.4	115
	8:25	-	2012	42.4 S	37.5 E	10.6	98
	8:30		2066	42.5 S	39.9 E	10.8	96
	8:40	2164	2124	42.6 S	42.7 E	4	100
	8:50	2241	2201	42.6 S	44.1 E	3.6	96
	9:00	2298	2258	42.8 S	46.8 E	10.0	97
	9:10	2366	2324	43.1 S	50.7 E	4.1	113
	9:20	2379	2329	43.4 S	52.1 E	1	-

C. Jung



f [kHz]	Pulse	f [kHz]	Length [ms]	Wait [s]	Red [%]	DEFO-ROLLE
4.0	2.0	40	266	0	0	13 13
4	2	40	266	0	0	13


BEMERKUNGEN

Allstood rot 11 →

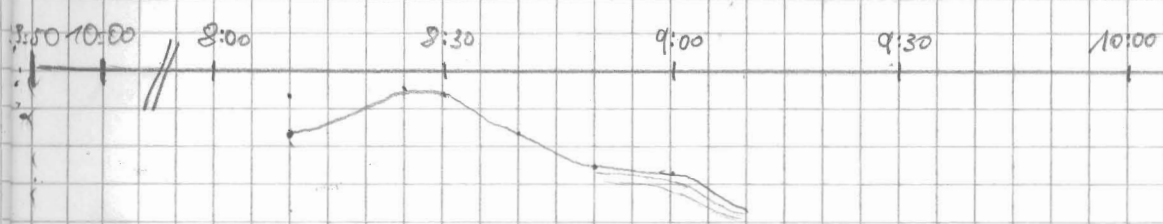
Speicherung/Plot (eingeschaltet) um 8:00 eingeschaltet

30

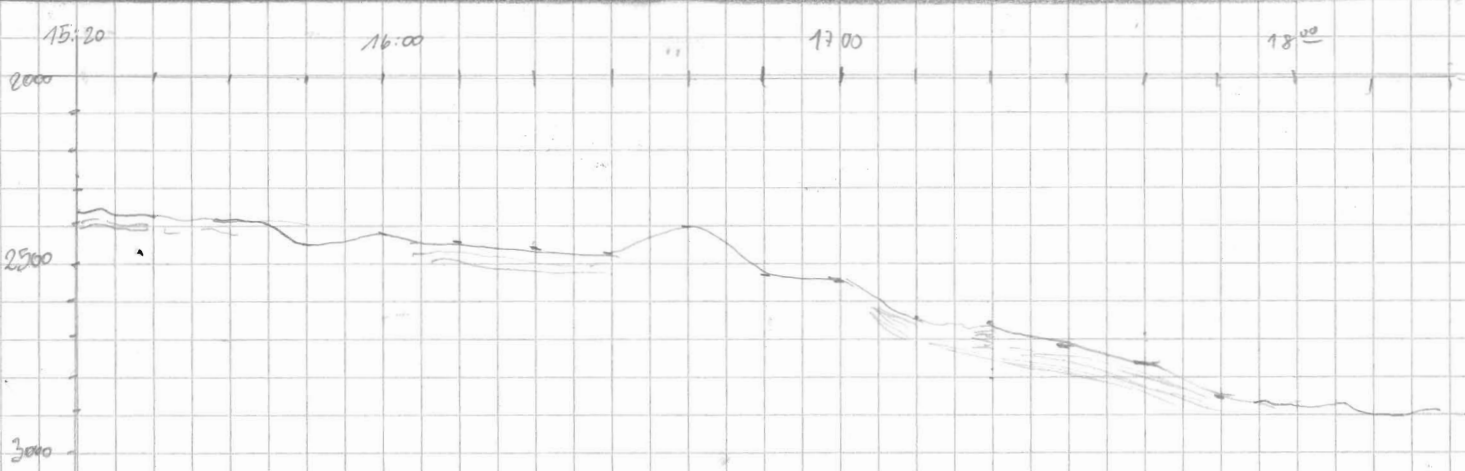
Druckprotokoll war aus, beim Einschalten von 8:04 bis 8:58 koordinate von 9:58 nachgezeichnet
 9:55 Bandwechsel #123 → 124
 10:03 Schiff stoppt ☹


 Einen wunderschönen Guten Morgen!

13/1
 9:20 Station
 13/2 ← abgessen und weitergeführt d.p.
 Quellsignaltest V.S.



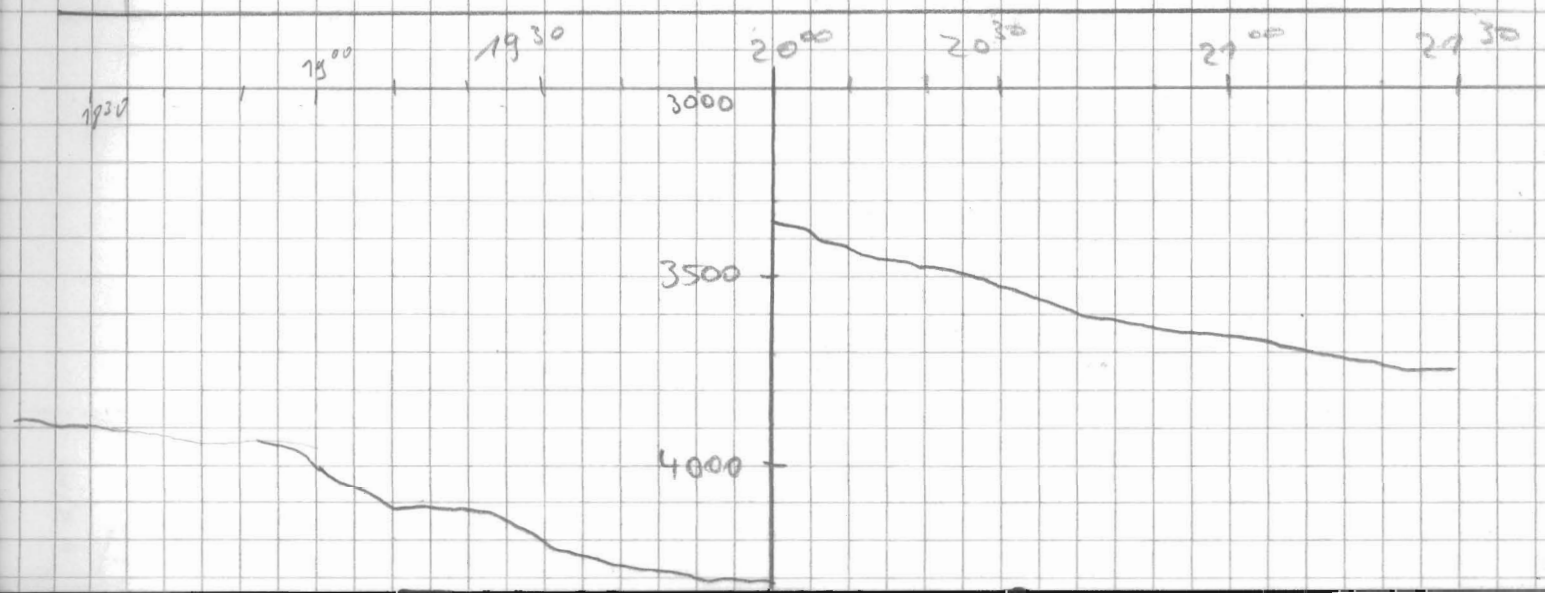
Date	Time	PS	HS	Lat.	Lon.	Speed	Course	Wer such immer...
30.4	15:20	2382	2341	68° 42.9 S	12° 52.7 E	4.3	267	DAVID adimer
	15:30	2372	2331	42.0 S	53.8 E	7.5	34	
	15:40	2376	2340	41.3 S	55.3 E	5.1	33	
	15:50	2430	2391	41.0 S	58.5 E	9.5	86	
	16:00	2445	2423	40.5 S	13° 01.9 E	9.0	64	Claudia Daniel
	16:10	2500	2458	39.5 S	04.7 E	9.2	43	
	16:20	2514	2470	38.9 S	06.2 E	4.9	50	
	16:30	2525	2483	38.2 S	08.0 E	6.7	55	
	16:40	2496	2400	37.4 S	09.9 E	7.8	32	
	16:50	2576	2501	36.4 S	11.5 E	7.2	37	
	17:00	2603	2562	35.3 S	13.4 E	6.5	30	
	17:10	2639	2638	34.2 S	15.0 E	8.6	36	
	17:22	0	2651	32.6 S	18.2 E	7.9	42	
	17:30	2743	2703	31.8 S	19.8 E	10.7	40	
	17:40	2834	2787	30.2 S	22.6 E	10.5	35	
	17:50	2841	2840	29.0 S	24.9 E	10.0	38	
	18:00	2878	2828	27.8	27.7	10.2	38.5	R. Maman
	18:10	2900	2844	26.3	30.4	10.7	36.6	
	18:20	2932	2870	25.0	33.1	9.1	36.4	
	18:30	2949	2894	23.8	36.2	9.8	44.6	
	18:40	2983	2926	22.5	39.5	11.4	44.6	
	18:50	3038	2986	20.8	44.0	12.2	41.4	
	19:00	3077	3014	19.5	46.9	12.1	43.9	F. Juvel
	19:10	3128	3077	18.3	50.1	12.6	46	
	19:20	3127	3121	18.7	54.8	10.7	109	
	19:30	3222	3150	18.45	59.1	11.7	60	
	19:40	3274	3205	17.35	63.8	12	57	
	19:50	3309	3239	16.1	114° 7.2	10.7	39	
	20:00	3357	32	14.7	9.7	11.1	35	
	20:10	3426	3354	13.2	12.86	12.7	35	H. Rindow
	20:20	3480	3404	11.43	16.00	12.7	35	
	20:30	3523	3469	0.9	19.3	13.0	36	
	20:40	-	3517	0.8	22.3	11.6	36	
	20:50	3622	3558	0.6	25.47	13.2	36	
	21:00	3657	3599	0.4	28.9	13.4	35	
	21:10	3697	3639	0.2	32.95	13.5	35	
	21:20	3728	3675	0.1	35.14	13.3	35	
	21:30	3747	3688	67° 59.50	38.43	13.3	35	



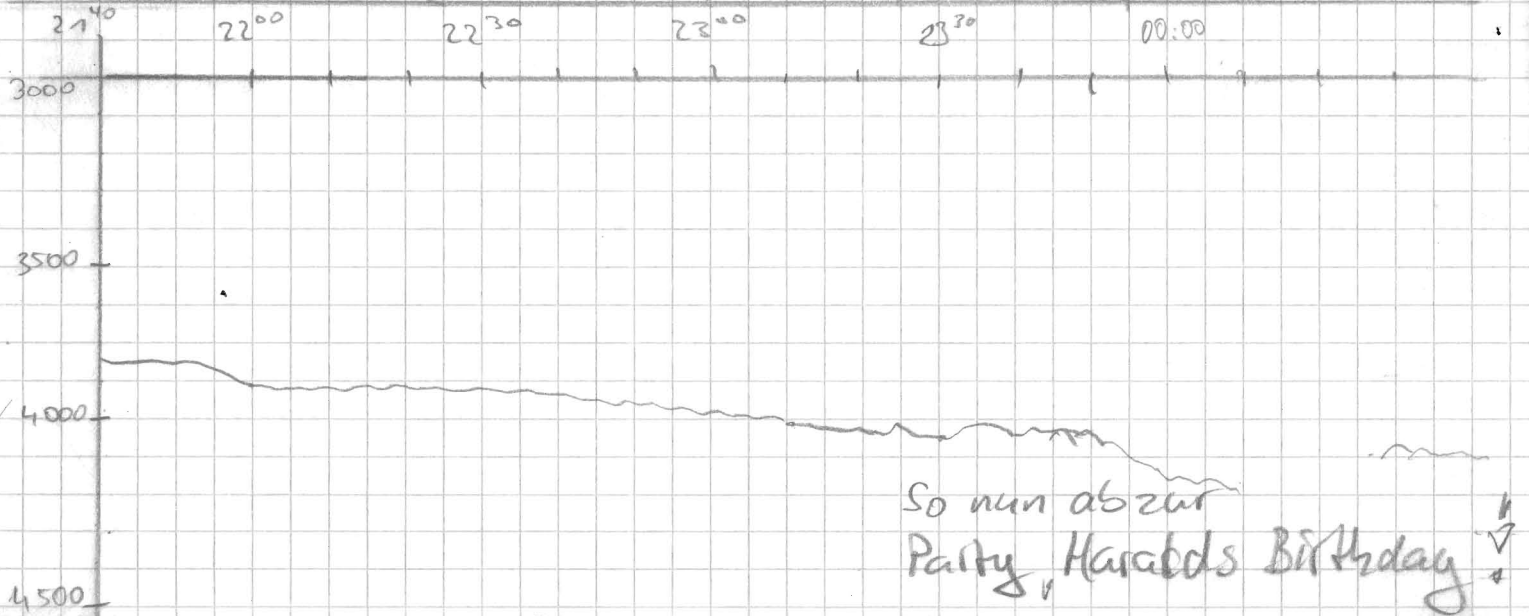
PS		Registrierung				Deso
f	Pulse	f	Length	Wait	Red	Rolle
4	2	40	266	0	0	1312
						14

Diverses

Ende der am Weg zu
 Sonnenrich - aber die Lage ??
 15:40 - Probleme mit dem Deso - Papier -
 verschub - kein korrekter Papier -
 transport, sondern nur ruckelig (Papier
 klebt am Schreibkopf fest) - Papierrolle
 gewechselt.
 16⁵⁵ Band gewechselt. # 124 → 125



Date	Time	PS	HS	Lat	Lon	Speed	Course	Person
30.7	21:40	3765	3775	67°57.74	14°41.69	13.3	34.7	H. Rudo
	21:50	-	3745	55.98	45.05	13.3	35	
	22:00	3822	3763	54.34	48.07	13.1	35	F. Zwin
	22:40	3848	3720	52.52	51.33	13.2	35	
	22:20	3876	3811	50.79	54.62	13.4	35	
	22:20	3886	3838	49.05	57.88	13.7	35	
	22:40	3921	3860	47.26	01.17	13.4	36	
	22:50	3944	3889	45.52	04.40	13.4	36	
	23:00	3975	3917	43.77	07.58	13.6	35	
	23:10	3998	3945	41.86	11.03	13.6	35	
	23:20	4027	3980	40.30	14.53	13.3	46	
	23:30	4039	3993	39.70	13.11	12.6	81	
	23:40	4041	3986	39.44	24.77	13.2	84	
	23:50	4058	4010	39.41	30.10	13.3	92.2	
1.5.	0:00	4083	4036	39.38	35.52	13.2	92	
	0:16	-	-	-	-	-	-	DAVID VOLKER
	0:30	-	3989	39.05	51.7 E	13.5	84	
	0:40	4062	3998	67° 38.8 S	15° 57.3 E	13.5	84	
	0:50	-	-	-	-	-	-	
	1:10	4143	4106	38.2 S	16° 16.9 E	13.1	85	
	1:20	4157	4107	38.1 S	19.5 E	13.4	89	
	1:30	4191	4130	38.0 S	25.0 E	13.4	89	
	1:50	4233	4174	37.7 S	36.7 E	13.2	86	
	2:00	4264	4206	37.5 S	41.3 E	13.3	86	
	2:16	-	-	-	-	-	-	
	2:30	4364	4302	37.2 S	58.0 E	13.2	85	
	2:46	4374	4311	37.0 S	170 03.0 E	13.4	84	
	2:50	4377	4331	36.8 S	08.7 E	13.4	85	
	3:00	4410	4357	36.6 S	14.2 E	13.4	85	
	3:10	4436	4379	36.5 S	19.6 E	13.3	85	
	3:20	4465	4413	36.3 S	25.5 E	13.4	84	
	3:30	4478	4423	36.2 S	31.0 E	13.3	84	
	3:40	4486	4430	36.0 S	36.3	13.3	85	
	3:50	4491	4441	35.9 S	41.8	13.4	85	



PS Registrieren

f	Pubre	f	length	wait	Red	Roll
4	2	40	266	0	0	14

Hilfe Lösung!!!

Kapitel d. Arithmetik!

02:20
 Program-abstrahierung
 Papiermenge des Tabellen-
 druckes -
 Bedruckzahl 126 → 117

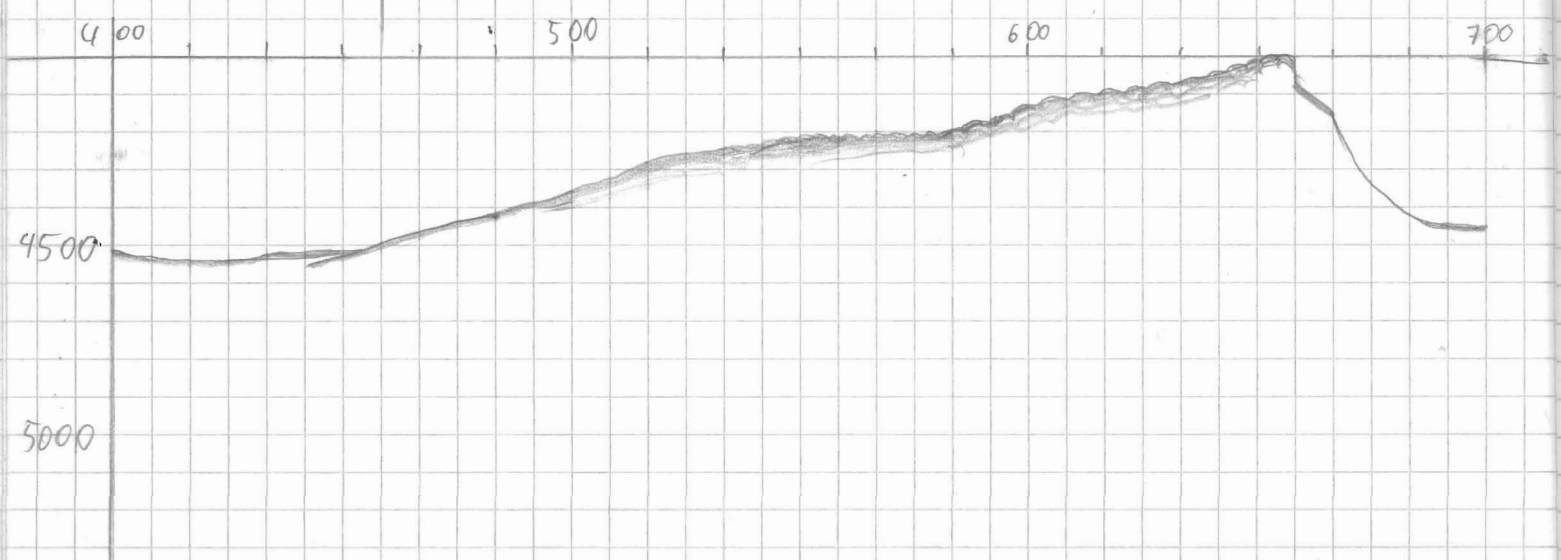
00:30

01:00

01:00

02:00

Date	Time	Depth		Position		Speed	Course	Watsch
		PS	HS					
1.5	4:10	4538	4485	67° 55.6 S	17° 54.1 E	13.4	86	Bernd Laser
	4:20	4541	4489	35.5	58.3	13.2	87	
	:30	4527	4482	35.4	18° 5.2 E	13.3	90	
	:40	4460	4460	35.2	9.6	13.2	85	
	:50	4425	4394	35.0	16.0	13.0	85.0	
	5:00	4355	4340	34.8	20.4	13.1	84.2	
	:10	4280	4280	34.7	28.6	13.0	87.0	
	:20	4297	4266	34.6	31.3	12.8	87.2	
	:30	4267	4232	34.5	35.8	12.9	84.8	
	:40	4229	4183	34.2	43.1	12.9	85.4	
	:50	4208	4174	34.1	47.0	13.2	86.7	
	6:00	4148	4106	33.8	55.9	13.2	87.2	
	:10	4121	4077	33.7	18° 00.8	13.2	86.3	
	:20	4068	4023	33.6	6.7	13.2	86.8	
	:30	4056	4013	33.5	8.4	13.2	86.6	
	:40	4150	4100	33.4	16.1	13.2	85.6	
	7:05	4462	4389	32.9	28.7	13.4	84.6	
	7:20	4369	4284	32.8	35.3	13.4	84.6	
	7:30	4271	4180	32.6	41.0	13.4	84.8	
	7:40	4222	4171	32.4	47.7	13.4	86.4	
	7:50	4210	4161	32.3	52.8	13.4	86.2	
	8:00	4189	4138	32.1	58.2	13.5	85.5	Ulve Frey
	8:10	4181	4139	32.0	20° 04.2'	13.4	85.6	
	8:20	4167	4118	31.8	08.9'	13.1	85.7	G. Kuhn
	8:30	4159	4107	31.7	14.7'	13.4	86.6	
	8:40	4152	4099	31.6	19.9'	13.2	87.0	"
	8:50	4143	4091	31.4	25.3'	13.0	85.6	"
	9:00	4135	4082	31.3	30.8'	13.3	85.0	"
	9:10	4152	4095	31.4	35.7'	10.1	87.1	Ulve Frey
	9:20	4142	4090	31.3	35.0	10.3	89.0	"
	9:30	4135	4077	67° 31.3 S	20° 30.3 E	0.5	74.6	
	14:00	4139	4082	67° 31.5 S	20° 32.1 E	-	-	V. Spieß
	15:30	4184	4124	31.3 S	37.8 E	12.5	83	
	15:40	4221	4153	31.0 S	43.1 E	12.7	83	
	15:50	4241	4176	30.8 S	48.8 E	13.2	83	
	16:00	4260	4194	30.6	53.9	12.7	85	J. Wajl



PS-Fr.	Pulse	R-Fr.	R-Len	Wait	Dot-Read	Deso Roller	Nota bene
4	2	40	266	0	0	14	

Bandwechsel 127 → 128

sehr hohe Amplituden

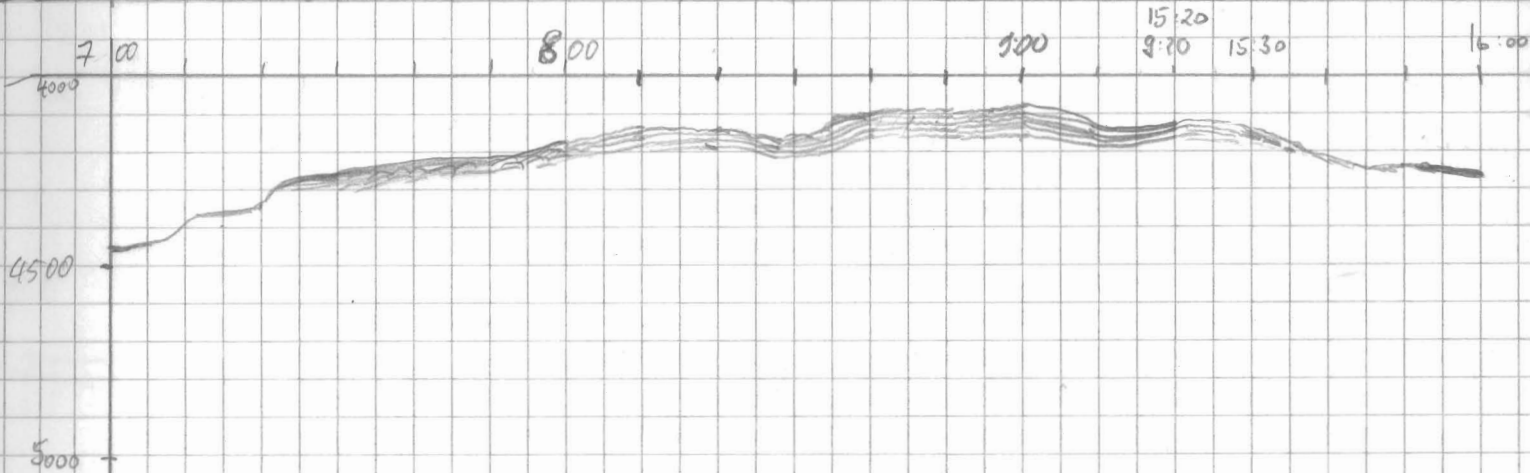
5,5

30

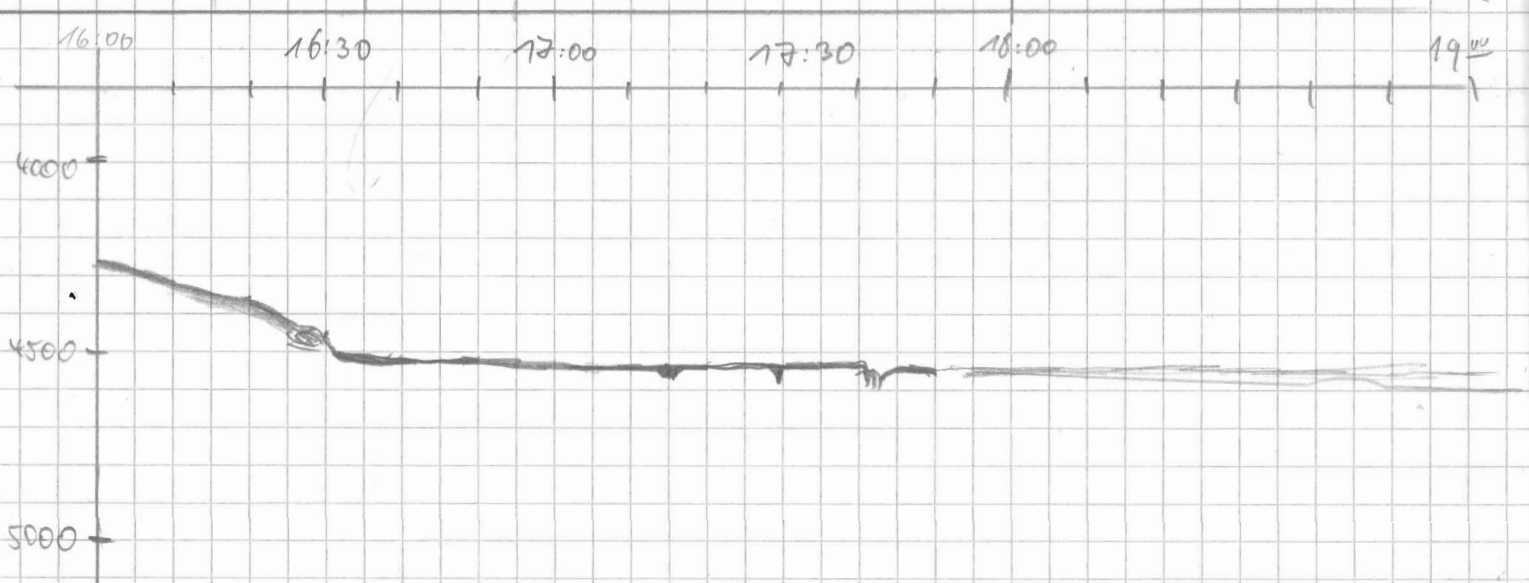
2588

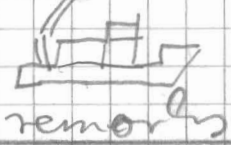
Ant Station Frequenz mit 5,5 kHz
 Wait Time mit 30 sec
 13:15 Programmstart durch Papirstop
 LPT2
 Neustart Rechner Bandwechsel
 Quellsignal kst 14:30

4	2	40	266	0	0	14
---	---	----	-----	---	---	----



Date	Time	Depth		Position		Sp.	Co.	Water	
		PS	HS	Lat	Lon				
1.5.94	16:10	4310	4252	67°20.4'S	20°53.2'E	13.0	85	J. Gijel	
	:20	4355	4300	30.2'S	27°04.9'E	13.0	85		
	:30	-	4402	30.1	09.9	13.0	85		
	:40	4492	4444	29.8	15.0	10.8	28.6		
	:50	4515	4470	28.0	17.2	12.5	28.5		
17:00		4525	4479	26.3	19.4	12.5	26		
	:10	4532	4491	24.4	21.5	12.2	25.5		
	:20	4544	4501	22.6	23.5	12.1	25		
	:30	4557	4522	20.8	25.4	12.1	25		
	:40	4557	4531	19.0	27.5	12.5	25.5		
	:50	4568	4522	17.2	29.5	12.4	25		
18:00		4598	4553	15.4	31.6	12.2	25.5		Claudia Dorn
18:10		4617	4570	13.6	33.8	12.6	28.1		
18:20		4633	4587	11.9	36.1	12.3	26.9		
18:30		4644	4599	10.1	38.4	12.6	27.3		
18:40		4654	4609	08.4	40.8	12.5	27.3		
18:50		4664	4616	06.6	42.9	12.4	23.3		
19:00		4671	4625	04.8	45.0	12.0	23.0		
19:10		4679	4629	03.0	47.0	12.2	23.0		
19:20		4682	4637	01.2	48.9	12.5	21.6		
19:30		4693	4641	66.59.4 S	50.0	12.2	22.1		
19:40		4705	4659	57.5	53.0	12.1	21.5		
19:50		4711	4673	55.7	54.8	12.5	22.2		
20:00		4715	4677	53.9	57.1	12.5	26.1	R. Mamank	
20:10		4723	4687	52.2	59.2	12.4	26.1		
20:20		4732	4700	50.4	22:01.4	12.8	27.2		
20:30		4742	4700	48.5	03.7	12.8	26.1		
20:40		4753	4711	46.7	05.9	12.9	25.6		
20:50		4762	4717	45.0	08.0	12.5	25.6		
21:00		4760	4710	43.4	10.1	12.6	24.3		
21:10		4766	4725	41.7	12.7	12.7	25.0		
21:20		4775	4731	39.6	14.5	12.6	25.0		
21:30		4781	4737	37.8	16.5	12.6	25.1		
21:40		4784	4739	35.7	18.7	12.6	27.4		
21:50		4784	4746	33.9	20.6	12.9	27.7		
22:00		4779	4740	31.0	22.6	12.6	25.7		
22:10		4777	4739	30.57	24.22	12.5	22.6		H. Radow
22:20		4776	4733	28.67	26.12	12.4	23.1		





Parasound			Registrierung			Deso-
f	Pulser	f	Legh	Weit	Red.	rolle
	2	40	266	.0	0	14

Bedwedel - 129 - 130 18 40

O - Böckcher

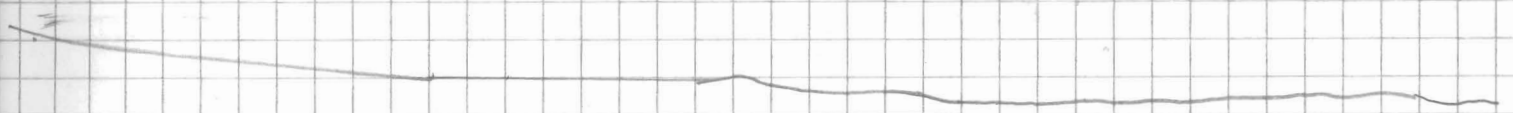
20²¹

20³⁰

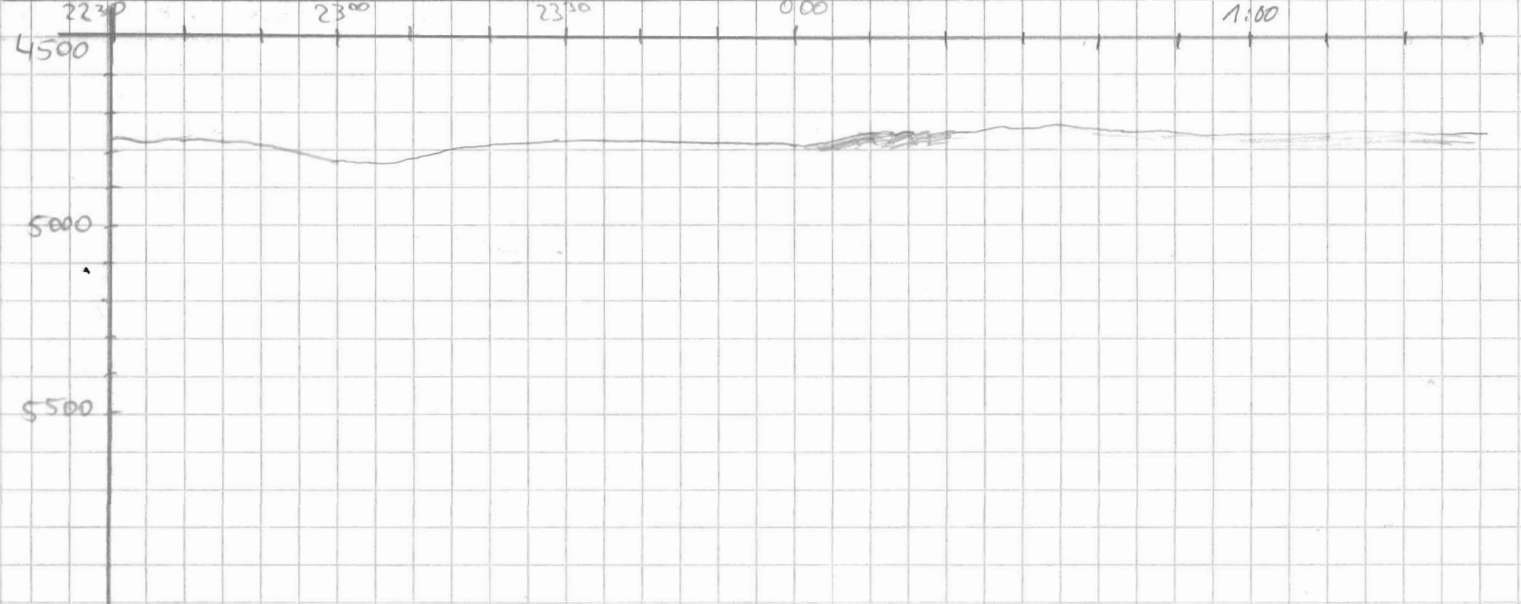
21⁰⁰

21³⁰

22⁰⁰



Date	Time	Depth		Position		Speed	Course	Pilot
		PS	HS	Lat	Lon			
1.5	22 ³⁰	4779	4744	66° 26.88	22° 27.96	12.3	23	H. Enders
	22 ⁴⁰	4783	4742	25.08	29.88	12.7	22	
	22 ⁵⁰	-	4742	23.38	32.24	12.4	62	
	23 ⁰⁰	4820	4774	22.80	37.17	12.9	72	
	23 ¹⁰	4827	4784	22.22	42.28	12.9	73	
	23 ²⁰	4816	4742	21.68	47.58	12.8	75	
	23 ³⁰	4814	4771	21.24	52.07	13.0	72	
	23 ⁴⁰	4816	4774	20.55	56.97	13.1	70	
	23 ⁵⁰	4817	4776	19.76	23° 02.23	12.9	69	
	0 ⁰⁰	4795	4755	19.08	06.60	12.8	67	
2.5	00:10	4780	4738	18.3	11.5	12.8	68	Dana Volker
	00:20	4780	4737	17.6	16.3	12.8	69	
	00:30	4783	4743	16.8	20.9	13.0	64	
	00:50	4790	4747	15.0	30.3	13.2	67	
	01:00	4798	4748	14.1	35.1	13.0	67	
	01:10	4799	4758	13.2	39.8	13.0	68	
	01:20	4798	4754	12.3	45.9	13.2	68	
	01:30	4784	4756	11.8	49.0	13.3	68	
	01:40	4792	4750	11.0	54.0	13.1	68	
	01:50	4790	4747	10.3	58.5	13.1	67	
	02:00	4788	4743	09.4	24° 04.7	12.9	67	
	02:10	4786	4741	08.2	08.2	12.9	68	
	02:30	4776	4729	07.1	17.2	13.0	68	
	02:40	4769	4721	06.3	22.0	12.8	68	
	02:52	4759	4717	05.3	28.0	12.7	67	
	03:06	4756	4711	04.5	32.5	12.8	68	
	03:10	4745	4708	03.9	36.5	13.3	68	
	03:20	4734	4696	03.3	40.3	13.1	68	
	03:30	4729	4689	02.6	44.7	13.2	66	
	03:40	4712	4670	01.7	49.7	12.4	67	
03:50	4699	4658	01.0	54.1	12.1	65		
04:00	4690	4652	66° 00.4	24° 57.6	11.3	74		
04:10	4681	4644	00.1	25° 00.0	11.6	325		
10:00	4680	4651	0.4	24° 59.1	10.3	80.4	Uwe Frey	
10:10	4676	4659	0.2	25° 02.5	11.0	81.6	"	
10:20	4651	4620	65° 59.87'S	07.1	11.4	81.6	"	
10:30	4639	4610	59.7	11.6	11.5	80.2	"	



f	Pulse	f	length	Min	Red	Roll
4	2	40	266	0	0	14
4	2	40	266	0	0	15

Bemerkung

22:53 Badwechsel #130
→ #131

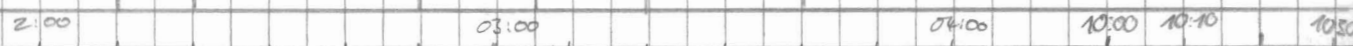
Jch höre mein
Kopfkissen !!!

Badwechsel 03:10
#131 → 132

03:10 - 03:30 Pagoda
03:30 - 04:00 Sedivellen

04:00 Anlaufen der Station,
Bugschrauber an

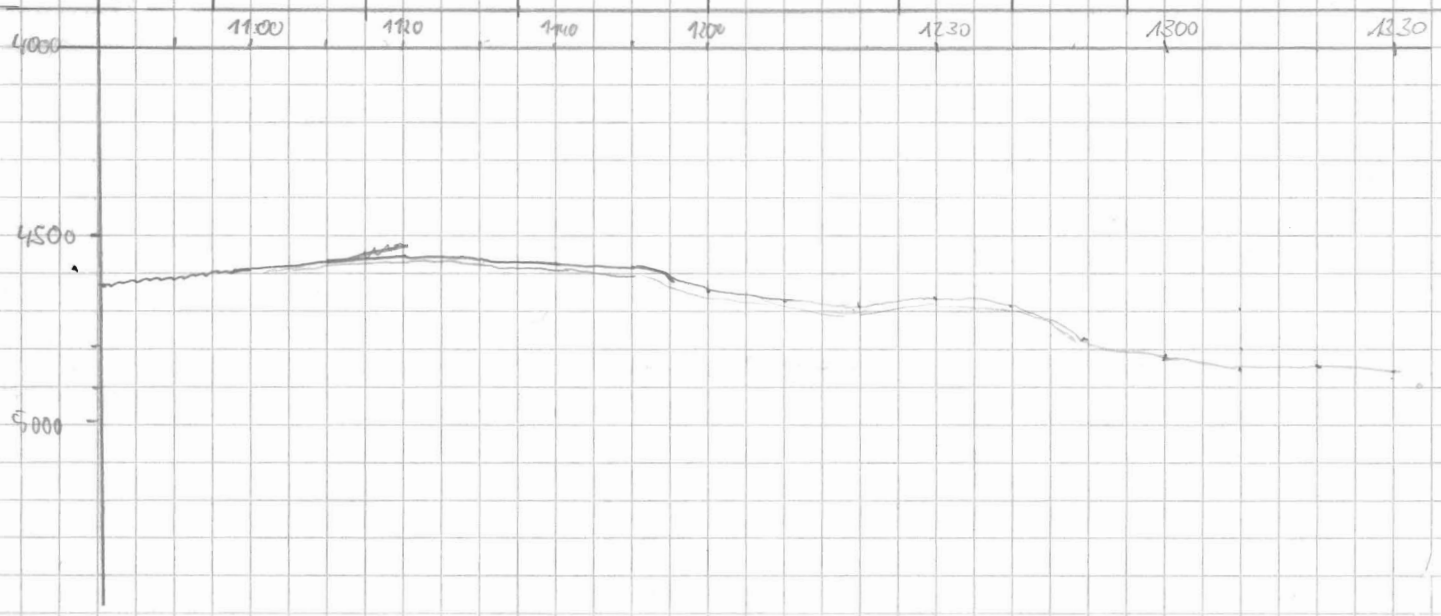
04:15 Station erreicht - Umt 30s,
DESO 1: 50.000
Stationen alle vernünftig
~ 900



↑
Modulationen des
Baderelektors
(Pagoden?)

↑
Länge Sedivellen

Date	Time	PS (m)	US (m)	Lat 10''	Long 10''	Speed (km)	Course 10''	
02/05	10:40	4699	4600	65°59.4'S	25°16.0'E	11.6	80.2	Uwe Frey
	10:50	4609	4580	59.1'S	20.5'	11.6	79.8	"
	11:00	4594	4567	58.7	24.9	11.3	77.0	"
	11:10	4580	4550	58.4	29.0	11.7	80.2	"
	11:20	4563	4537	58.1	33.8	11.7	80.5	"
	11:30	4573	4533	57.8	38.2	11.6	80.3	"
	11:40	4580	4542	57.5	42.8	11.8	80.9	"
	11:50	4591	4553	57.1	47.5	11.6	80.3	"
	12:00	4627	4580	56.8	51.8	11.7	79.1	Caumen Jung
	12:10	4660	4611	56.5	56.3	11.5	80.2	"
	12:20	4668	4620	56.2	26°00.1	11.5	79.9	"
	12:30	4680	4638	55.8	5.3	11.7	80.6	"
	12:40	4690	4620	55.6	9.9	12.0	82.2	"
	12:50	4724	4739	55.3	14.3	11.9	82.3	"
	13:00	4852	4808	55.1	19.1	11.8	82.4	"
	13:10	4853	4809	54.8	23.5	11.4	82.3	"
	13:20	4839	4790	54.5	28.3	11.8	83.4	"
	13:30	4865	4814	54.2	32.7	11.8	82.1	"
	13:40	4860	4818	53.9	37.2	12.2	82.0	"
	13:50	4873	4835	53.7	41.7	11.8	80.9	"
	14:00	4854	4820	53.4	46.3	11.7	82.2	"
	14:10	4862	4826	65°53.1 S	26°51.0 E	11.7	81	FN
	14:20	4879	4820	52.8	55.6	11.9	81	"
	14:30	4842	4801	52.6	59.9	12.0	81	"
	14:50	4855	4819	52.0	27°09.5 E	11.8	81	"
	15:00	4855	4819	51.6	14.4	11.7	82	"
	15:10	4858	4821	51.4	18.0	11.7	83	"
	15:20	4859	4825	51.1	24.1	11.6	81	"
	15:30	4862	4827	50.8	27.9	11.9	81	"
	15:40	4873	4837	50.9	31.7	11.5	81	"
	15:50	4878	4846	50.3	36.0	11.4	84	"
	16:00	4871	4845	50.1	40.56	11.5	82	"
	16:10	4881	4790	49.2	43.4	11.5	38	Caroline Damm
	16:20	4884	4853	47.7	46.2	11.7	37	"
	16:30	4887	4857	46.2	48.7	11.8	37.1	"
	16:40	4887	4857	44.6	51.4	11.4	37.7	"
	16:50	4889	4860	43.1	54.0	11.8	37.8	"

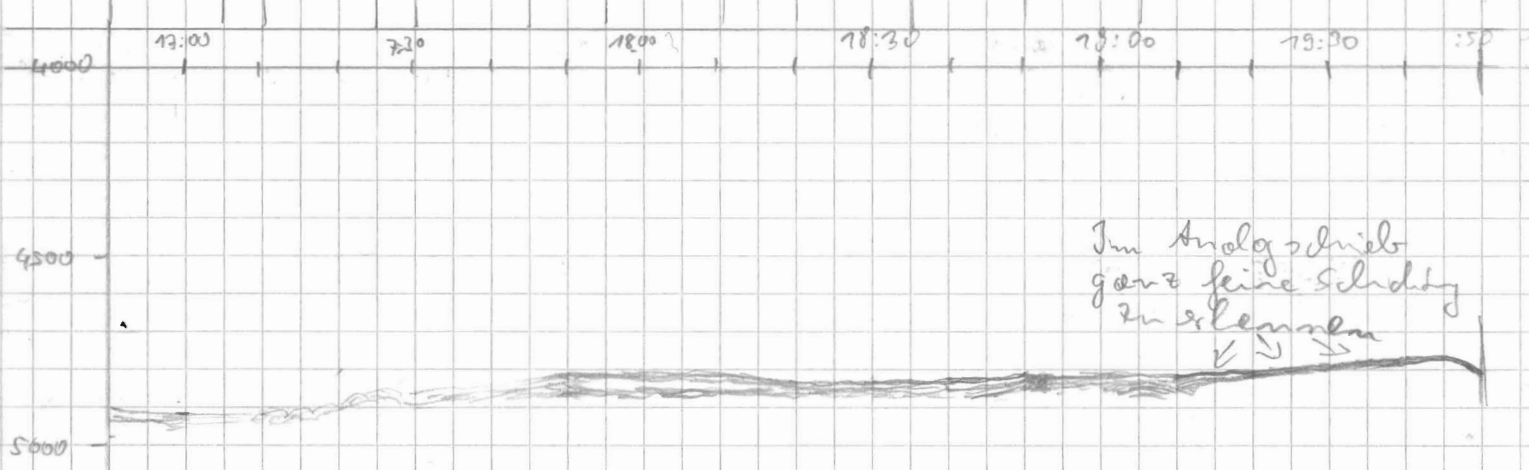




Date	Time	RS [m]	HS [m]	Lat [°]	Long [°]	Speed [km/h]	Course [°]
02/05	17:00	4893	4868	65° 41,6	27° 56,6	11,7	37,9
	17:10	4892	4864	40,1	59,4	11,9	37,1
	17:20	4882	4857	40,0	28° 03,6	11,7	95,5
	17:30	4855	4827	40,2	07,9	11,7	94,7
	17:40	4842	4810	40,4	12,3	11,5	97,7
	17:50	4827	4796	40,7	16,8	11,4	97,8
	18:00	4816	4790	40,8	21,1	11,5	97
	:10	4815	4787	41,2	25,6	11,8	96,5
	:20	4813	4778	41,4	30,0	11,7	96,5
	:30	4810	4784	41,6	34,4	11,8	95
	:40	4815	4779	41,8	39,0	11,6	97
	:50	4810	4767	42,1	43,5	11,6	97
	19:00	4814	4774	42,3	47,9	12,7	96
	:10	4810	4772	42,5	52,4	11,9	96
	:20	4802	4762	42,8	57,0	12,3	96
	:30	4794	4758	43,0	29° 07,5	11,8	95,4
	:40	4788	4756	43,4	06,1	11,9	99
	:50	4807	4766	43,7	10,4	11,8	100
	20:00	4836	4799	65° 44,0 S	29° 15,1 E	12,1	100
	20:10	4827	4789	44,3 S	19,5 E	12,0	99
	20:20	4806	4773	44,6 S	24,1 E	12,3	98
	20:30	4756	4718	44,8 S	28,6 E	12,2	98
	20:40	4754	4711	45,1 S	33,3 E	12,0	99
	21:00	4723	4684	45,7 S	42,7 E	11,8	98
	21:10	4723	4681	46,0 S	47,2 E	12,2	99
	21:20	4716	4678	46,3 S	51,5 E	12,2	99
	21:30	4703	4672	46,6 S	56,1 E	12,1	99
	21:40	4675	4640	65° 46,9 S	30° 00,8 E	12,3	98
	21:50	4656	4618	47,3 S	5,3 E	12,0	99
	22:00	4637	4596	47,5 S	09,6 E	11,8	98
	22:10	4623	4581	48,1 S	14,2 E	11,1	118
	22:20	4589	4545	49,0 S	18,2 E	12	120
	22:30	4557	4528	50,0 S	22,2 E	12,2	120
	22:40	4523	4488	51,0 S	26,2 E	12,2	120
	22:50	4538	4504	51,5 S	30,6	11,8	99
	23:00	4759	4722	51,5	35,4	12,2	92

J. Gjed

B. Spitz



Im Analogschrieb
ganz feine Schidby
zu erkennen
↙ ↘ ↗

RS. Freq. [KHz]	P. Pulse	Rec. Freq. [KHz]	Length [ms]	Wait sec	D Rect %	Deso
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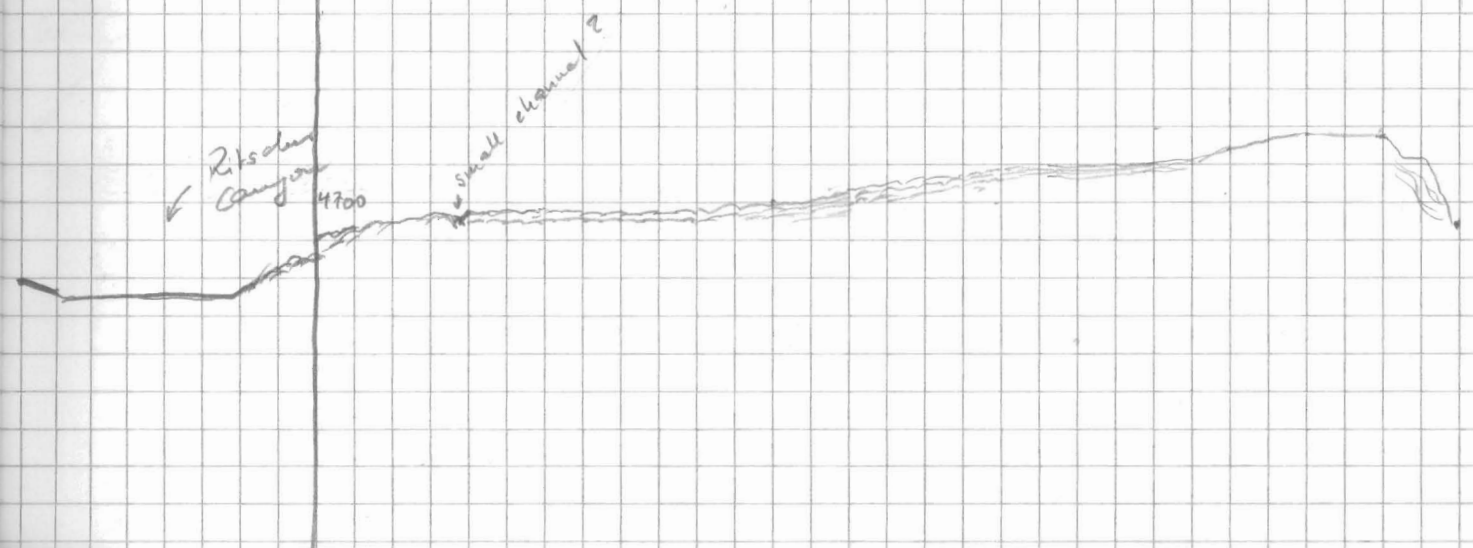
Bandwechsel 130 → 104

4	2	40	266	0	0	16
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4	2	40	266	0	0	16
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21:31 Bandwechsel 134 → 135

20:50 20:00 20:30 21:00 21:30 22:00 22:20 22:40 23:00

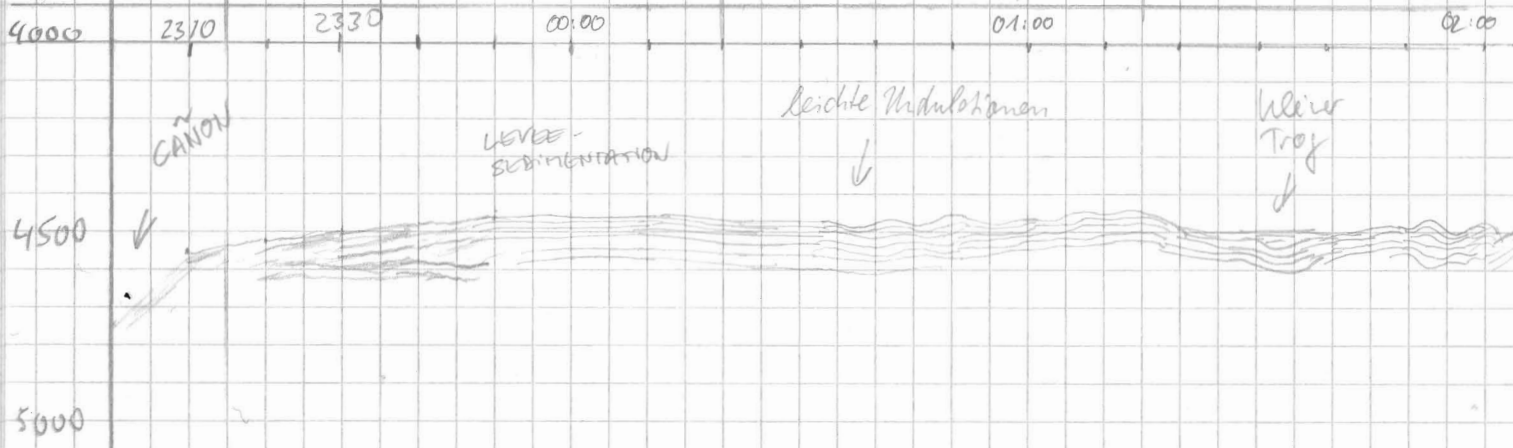


Date	Time	PS [m]	HS [m]	LAT °	CON °	Spd [km/h]	Muns. E°
02/05	23:10	4558	4537	65° 51.5 S	30° 41.2 E	12.3	72
	23:20	4528	4497	51.5	44.5	12.2	91
	23:30	4498	4467	51.6	49.4	12.2	92
	23:40	4478	4446	51.6	53.9	12.2	91
	23:50	4465	4434	51.5	58.4	11.8	91
3.5	24:00	4469	4446	65° 50.5 S	31° 03.9 E	11.7	61
	00:10	4477	4453	49.8	06.6	11.8	62
	00:20	4484	4452	48.9	10.6	11.9	62
	00:30	4485	4448	47.9	14.9	12.1	61
	00:40	4483	4450	47.1	18.6	12.3	63
	00:50	4480	4448	46.0	23.7	12.0	61
	01:00	4467	4432	45.1	27.3	12.4	59
	01:10	4463	4433	44.1	30.3	11.9	59
	01:20	4495	4458	43.4	35.1	12.1	60
	01:30	4507	4465	42.5	38.2	12.4	60
	01:40	4488	4446	41.6	42.2	12.6	61
	01:50	4469	4432	40.6	46.3	12.6	60
	02:00	4450	4413	39.7	50.4	12.0	60
	02:10	4406	4371	38.8	54.2	12.1	61
	02:20	4387	4276	37.9	58.3	12.3	60
	02:30	4318	4293	37.0	32° 02.1 E	11.9	59
	02:40	4313	4294	35.9	06.2	11.9	60
	02:50	4307	4285	35.0	09.9	11.7	61
	03:00	4289	4253	34.2	13.7	11.9	57
	03:10	4215	4179	33.1	18.1	11.9	62
	03:20	4146	4108	32.3	21.7	12.0	59
	03:30	4074	4046	31.4	25.6	11.9	58
	03:40	3883	3868	30.4	29.4	11.8	60
	3:50	3901	3890	29.5	33.2	11.8	61
	4:00	3876	3857	28.6	37.1	12.1	59
	4:10	3889	3866	27.7	40.9	11.9	60
	4:20	3604	3573	26.8	44.9	11.5	61
	4:30	3769	3205	25.9	48.6	11.7	61
	4:40	3358	3284	25.0	52.5	11.8	60
	4:50	3667	3608	24.0	56.6	11.6	60
	5:00	3462	3421	23.1	30° 0.4 E	11.6	59



David Jöller

Bened Löser

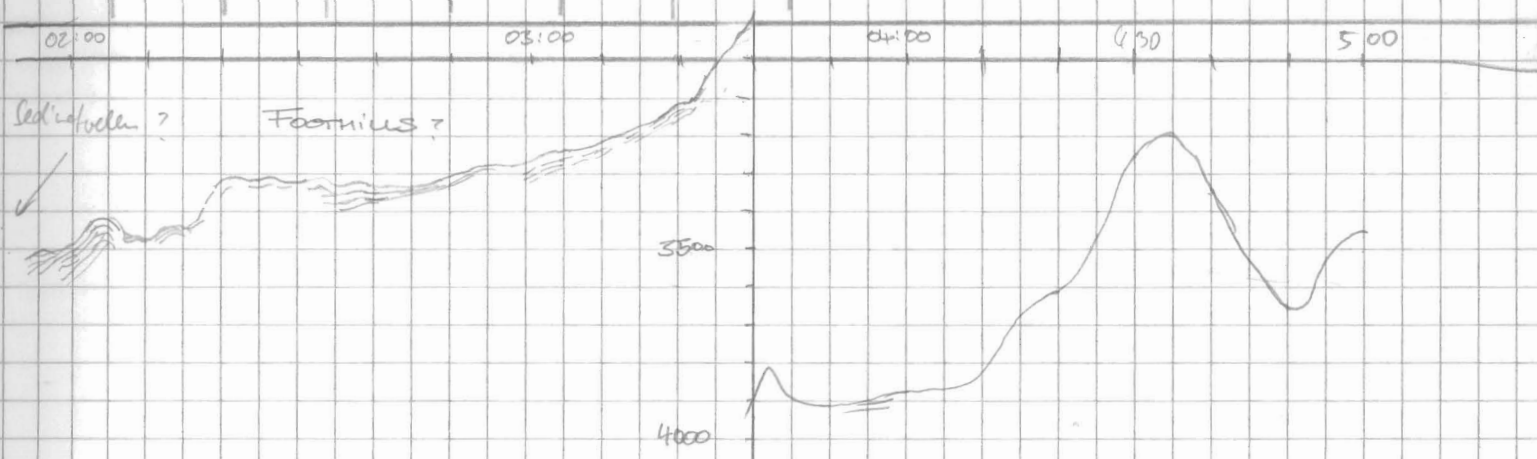


PS-Freq [kHz]	Puls	Rec-Freq [kHz]	Length [ms]	Wait sec	Direct %	Reso
4	2	40	266	0	0	16

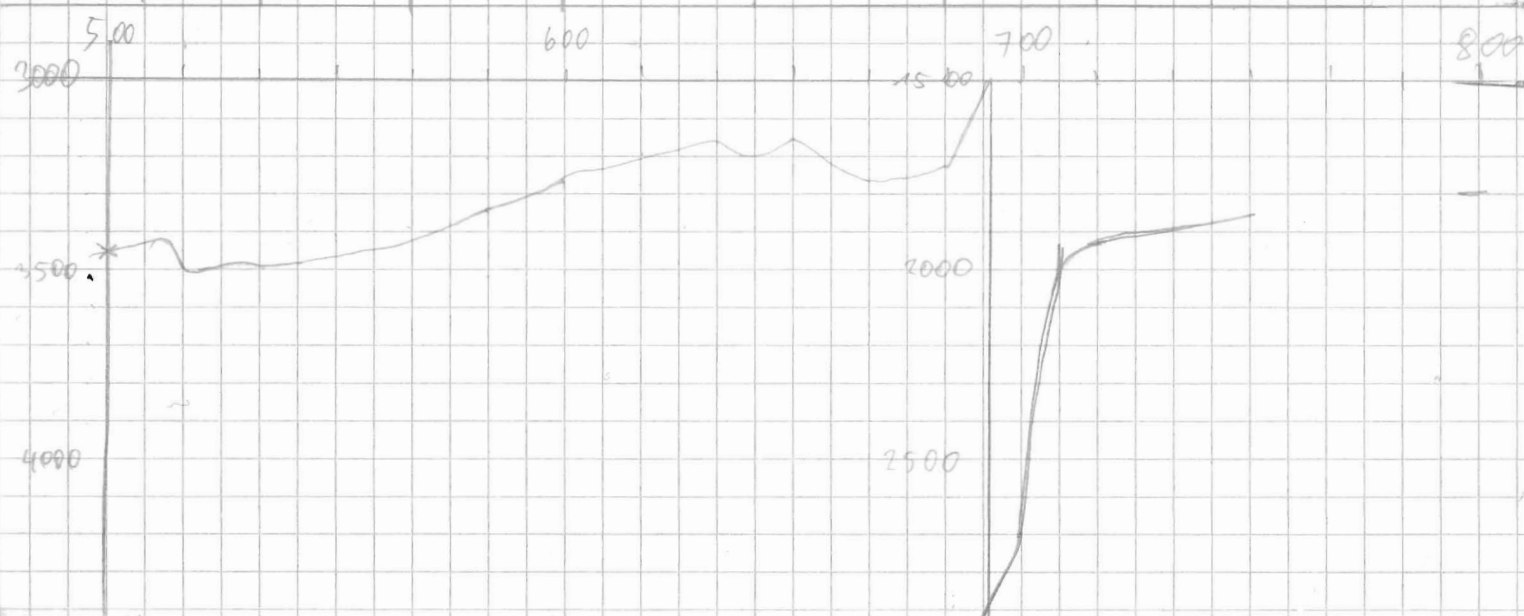
00:48 BANDWECHSEL #135 → 136

02:20 "Feldmessung"

04:18 BW 136 → 137



Date UTC	Time UTC	Tiefen		Position		Speed [kts]	Kurs [°]	Wache?
		PS [m]	HS [meter]	Lat	Long			
3.5.	5:10	3452	3409	65°22.4 S	33° 3.6 E	11.7	59	Berni Laser
	5:20	3507	3443	21.2	7.9	11.7	60	
	5:30	3437	3389	18.9	13.1	11.9	59	
	5:40	3417	3371	18.6	14.7	11.5	62	
	5:50	3343	3307	18.4	18.9	11.9	62	
	6:00	3238	3253	17.8	22.7	11.2	60	
	6:10	3207	3165	16.4	28.2	11.1	60	
	6:20	3178	3142	15.9	30.1	11.0	36	
	6:30	3162	3127	14.7	32.3	11.7	37	
	6:40	3257	3212	13.1	35.2	11.6	38	
	6:50	-	3226	11.4	38.3	11.5	39	
	7:00	-	2705	10.2	40.9	11.5	38	
	7:10	-	1934	8.8	43.1	11.9	38	
	7:20	-	1884	7.2	45.8	11.8	39	
	7:30	-	1868	6.1	48.0	11.7	36	
	7:40	1881	1847	4.3	51.1	11.7	35	
	7:54	1813	1871	2.4	54.4	11.7	34	
	8:00	1842	1799	1.3	56.1	11.9	357	U. Brackhaus
	8:10	1810	1771	0.3	58.0	11.3	89.2	"
	8:20	1747	1708	1.58	3400.4	11.0	213.1	"
	8:30	1751	1710	3.1	33° 58.0	11.0	217.3	"
	8:40	1821	1774	4.6	55.3	11.5	219.4	"
	8:50	1812	1763	6.1	52.1	11.7	224.5	"
	9:00	1838	1786	7.4	49.0	11.7	225.1	"
	9:10	1873	1819	7.1	48.2	10.5	27.4	"
	9:20	1860	1811	5.5	50.4	11.0	29.6	"
	9:30	1908	1851	3.9	52.3	10.5	24.2	"
	9:40	1921	1875	2.3	53.1	12.0	26.48	"
	11:40	1902	1855	65° 03.5	33° 53.6	7.8	320	U. Hühls
	11:50	1953	1907	03.5	50.6	10.5	253	"
	12:00	1974	1924	04.1	46.5	11.3	251	"
	12:10	-	1990	04.8	42.3	11.7	250	Uwe Frey
	12:20	-	2029	05.5	38.3	11.7	251.1	"
	12:30	2986	2938	06.1	33.9	11.3	252	"
	12:40	2984	2923	05.0	33.0	12.1	006.0	"
	12:50	2993	2596	05.9	34.6	12.0	072	"
	13:00	2757	2709	05.3	38.7	11.6	072	"

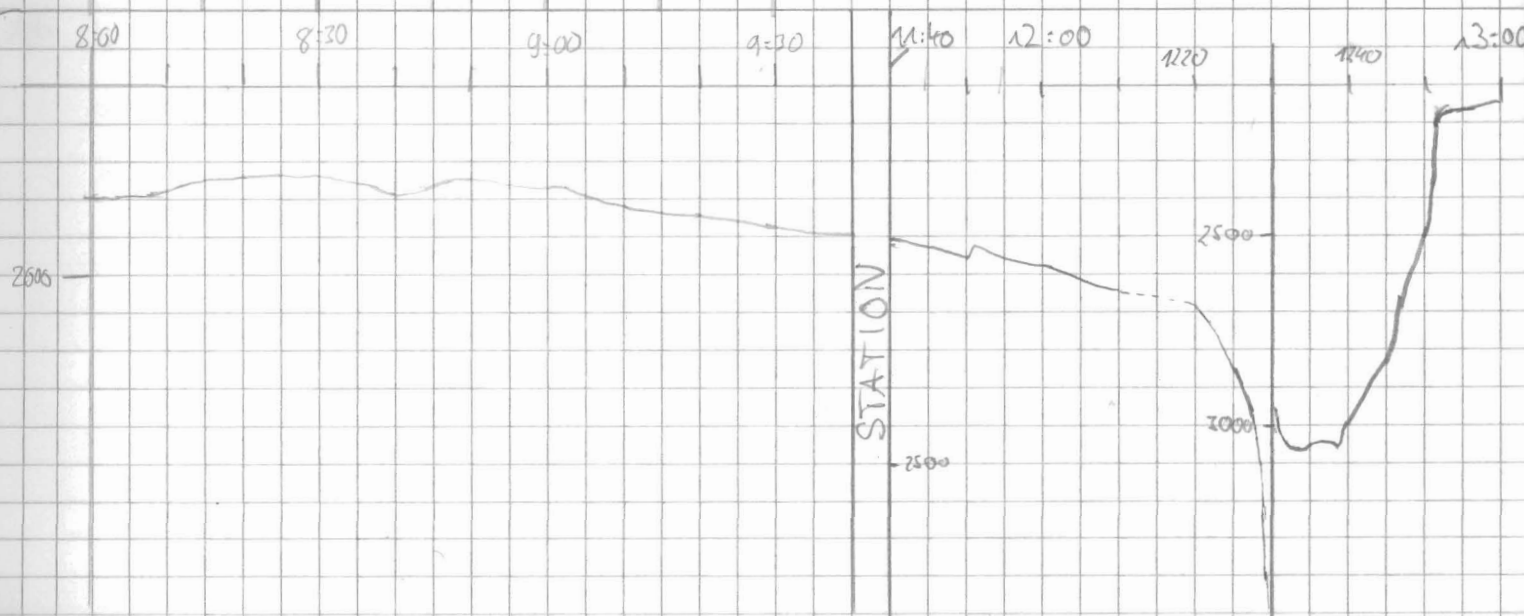


PS Frequ [kHz]	PS Pulse [µs]	Reg Frequ [kHz]	Rep Pulse [ms]	Wait Time [s]	Data Relect [%]	Test Roll #	Unit? Shift?
4	2	40	206	0	0	16	

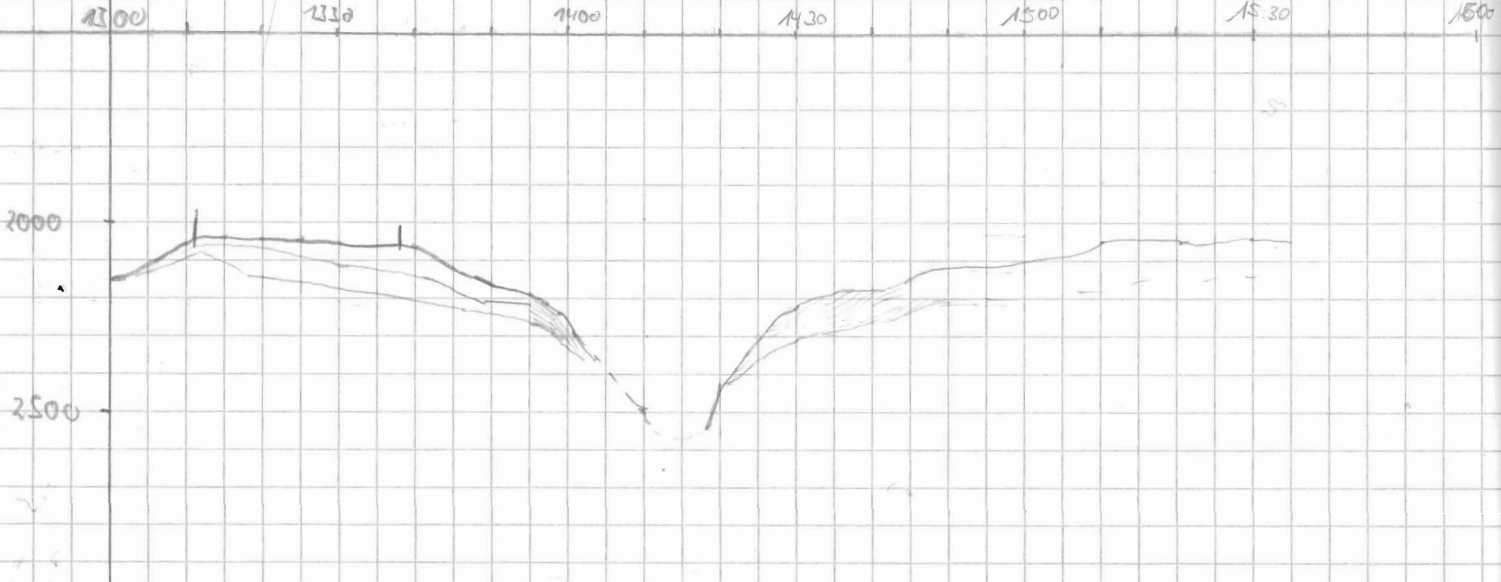
Channel Select auf PAR
 7:45 WP 65° 3.75 33° 52' E überlaufen
 Badwechsel 8:08 v. 137 auf 138

Volkhard Experimente 1/2

Station sende 11:35 Uhr



Date UTC	Time UTC	PS [m]	US [m]	Lat [°']	Long [°']	Speed [kts]	Course [°]	
02/05	12:10	-	2025	65°02.7'S	33°43.0'E	11.7	073	Wave Tray
	12:20	2039	1998	01.11'	44.2	11.8	11.7	"
	12:30	2049	2010	64°59.2'	44.9	12.1	10.0	"
	12:40	2079	2030	57.5	44.8	10.5	307	"
	12:50	2167	2109	56.6	41.1	11.0	305	"
	14:00	-	2240	55.6	37.3	11.7	303	Courten
	14:10	2566	2481	54.6	33.7	11.5	298	"
	14:26	2414	2396	54.2	35.0	9.9	122	"
	14:30	2231	2195	53.4	38.7	10.8	113	"
	14:40	2190	2146	55.9	41.8	6.0	111	"
	14:50	2143	2099	56.3	43.9	6.8	110	"
	15:00	2122	2087	56.6	46.1	6.4	111	"
	15:10	2057	2023	57.1	48.2	6.4	116	"
	15:20	2057	2019	56.9	48.6	6.6	264	"
	15:30	2053	2018	57.6	47.2	5.5	187	"
	18:00	2090	2057	56.9	44.9	6.2	122	David Blair
	18:10	2100	2073	56.7	47.1	9.9	101	
	18:20	2026	1999	57.4	51.3	11.1	111	
	18:30	1964	-	58.4	55.6	12.0	111	
	18:40	1877	1848	58.7	59.1	11.2	112	
	18:50	-	-	-	-	-	-	
	19:00	1727	1694	65°00.1 S	34°07.2 E	11.5	111	D. Spoff
	19:10	-	1651	00.7 S	11.1 E	11.5	110	
	19:20	1	1626	01.3 S	14.8 E	11.8	111	
	19:30	-	1611	02.0 S	18.0 E	11.6	111	
	19:40	-	-	-	-	-	-	
	19:50	-	1617	03.2 S	26.9 E	11.3	107	
	20:00	-	1648	03.8 S	31.1 E	-	-	
	20:10	-	1724	05.1 S	38.8 E	11.7	112	
	20:25	-	1747	65°05.4'S	34°40.5'E	11.7	114	J. Gysel
	:30	-	1804	05.8	42.9	11.4	120	
	:40	-	1956	06.3	46.4	10.4	105	
	:50	-	2273	06.9	50.4	11.8	110	
	21:00	-	3200	07.7	55.3	9.8	109	
	:10	4059	4016	08.1	57.7	10.5	111	
	:20	-	4412	09.1	59.4	10.0	209	
	:30	-	4249	10.4	57.5	9.0	271	



Frequ (kHz)	FS Puls	RegFrequ (kHz)	RegLeuch (ms)	Wahlkreis (Sec)	Druckrat (%)	Drehzahl #
4	2	40	366	0	0	10

15:11 ändern Kurs

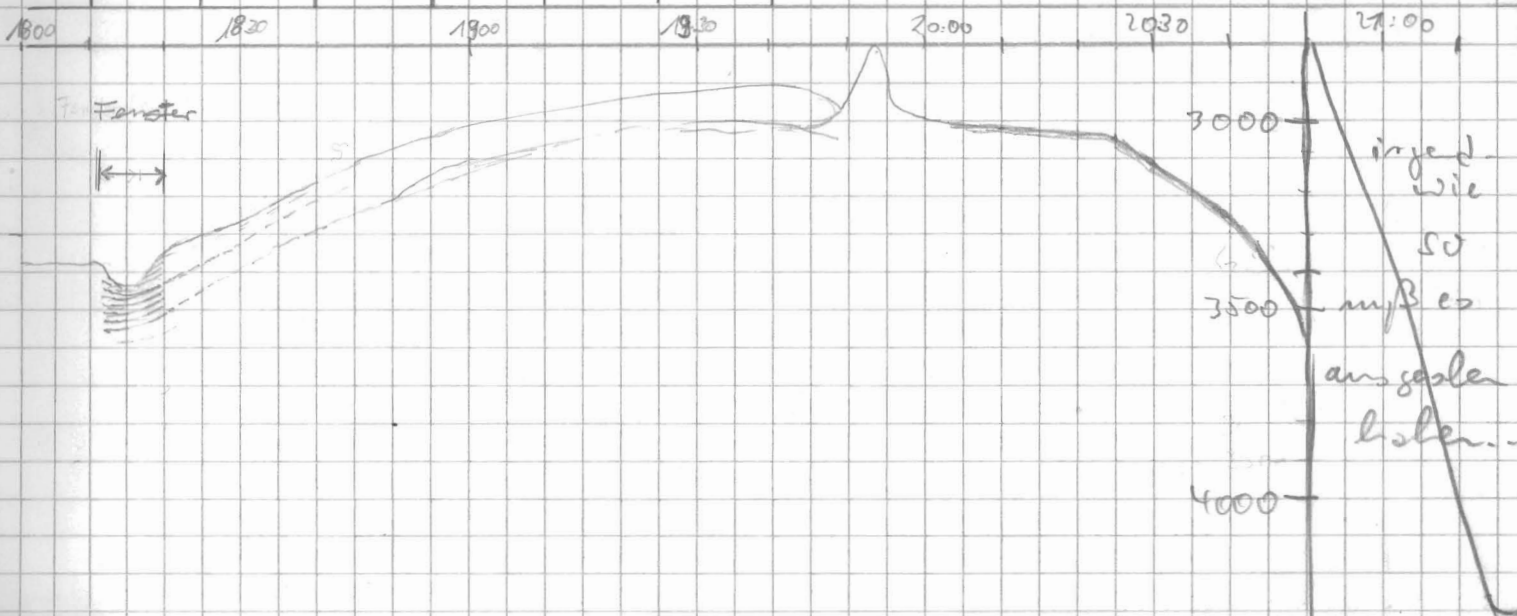
15:18 ändern Kurs **Bandwechsel auf 139**
 ab 69°56 1'S 139°33,1'E gute Schichtung

Station 15:34

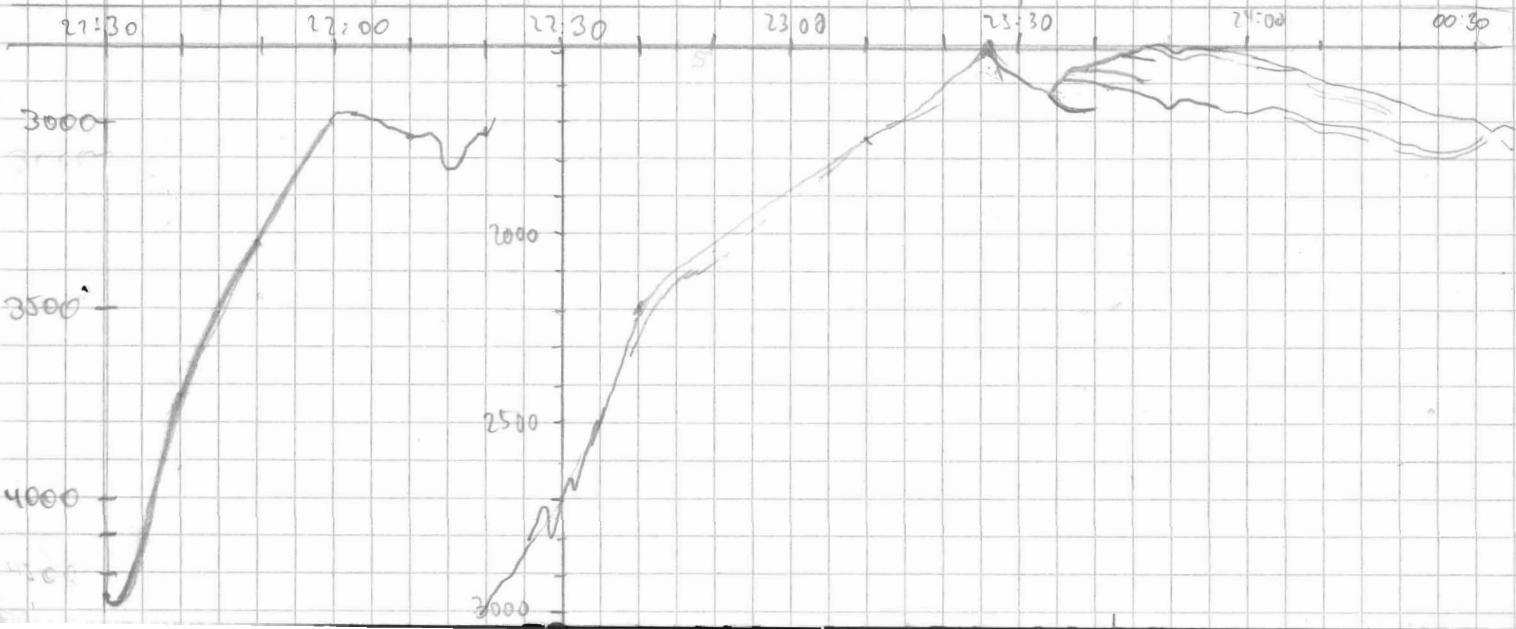
16:00 Drehen auf neuen Kurs
 16:10 - 16:20 Fenster + höher
 Eindringen
 Probleme mit HS - keine Daten!
 18:38 Bandwechsel 139 → 140
 HS Abschluss 18:26

↙ seit wann ??

4	2	40	372	0	0	16
---	---	----	-----	---	---	----



Date	Time	RS	HS	Lat [°]	Long [°]	Speed [kN]	Course [°]	Wächter In
3.5.94	21:40	3727	3776	65°17.8'S	34°55.6'E	9.9	200	J. G. J. el
	:50	3332	3329	17.3	54.4	9.9	200	
	22:00	2986	2976	14.8	53.1	10.5	200	
	22:10	3059	3027	16.4	51.9	10.4	195	
	22:20	-	3028	18.0	S 50.7 E	10.0	202	
	22:30	-	2689	18.0	42.6	11.9	297	
	22:40	2217	2196	17.2	44.5	12.5	318	
	22:50	2040	2011	15.8	41.3	11.5	310	
	23:00	-	1873	14.6	39.8	11.7	308	
	23:10	-	1731	13.5	34.6	10.7	308	
	23:20	-	1617	12.3	30.9	12.6	309	
	23:31	-	1548	10.8	26.6	12.9	308	
-	23:40	-	1521	09.9	23.8	12.3	307	
	23:50	-	1510	08.1	21.7	11.7	034	
4.5.94	00:05	-	1535	06.7	24.2	12.3	36	David Wöllw
	00:10	-	1580	05.0	27.1	10.1	23	
	00:20	-	1628	03.6	28.6	12.5	28	
	00:30	-	1692	01.9	31.2	11.5	29	
	00:40	-	1772	00.3	33.6	12.0	31	
	00:50	-	1882	64°58.6	36.1	12.4	29	
	01:00	2075	2020	56.3	38.7	12.8	29	
	01:10	2304	2261	55.2	41.1	12.7	32	
	01:20	-	-	53.4	43.8	12.4	32	
	01:30	-	4476	51.5	46.5	12.9	35	
	01:40	4896	4789	50.1	48.6	12.9	32	
	01:50	4908	4804	48.5	50.8	11.6	356	
	02:00	4906	4801	47.7	47.4	10.0	300	
	02:10	4917	4815	46.9	43.7	10.5	303	
	02:20	4907	4815	47.3	41.0	11.7	198	
	02:30	-	4135	48.9	39.0	11.0	216	
	02:40	2596	2530	50.7	36.7	11.2	206	
	02:50	2126	2106	52.0	35.1	11.3	207	
	03:00	-	1978	53.7	33.0	11.1	207	
	03:10	-	1882	55.2	31.1	11.2	203	
	03:20	-	1772	56.9	29.0	11.7	207	
	03:30	-	1759	58.5	27.0	11.1	207	



PS Freq [kHz]	P. Rate	Reg. Freq [kHz]	Reg. Range [m]	Wair [s]	Datei [No.]	Deso
4	2	40	372	0	0	10

No ekkes ?!

22:17 Bodwechsel 140 → 141

Probleme der Tiefenbestimmung d. DESO in 2000m-Range

00:30 "keilförmiges" Auslaufen des obersten Sedimentpaketes

00:50 hängendes Sedimentpaket läuft aus. Beim Umstellen des DESO-Range auf 5000m exakte Tiefenbestimmung

01:20 Edos von HS & PS verloren. steve, steve !!

1:40 offenbar Sohle des K.M. SMT erreicht.

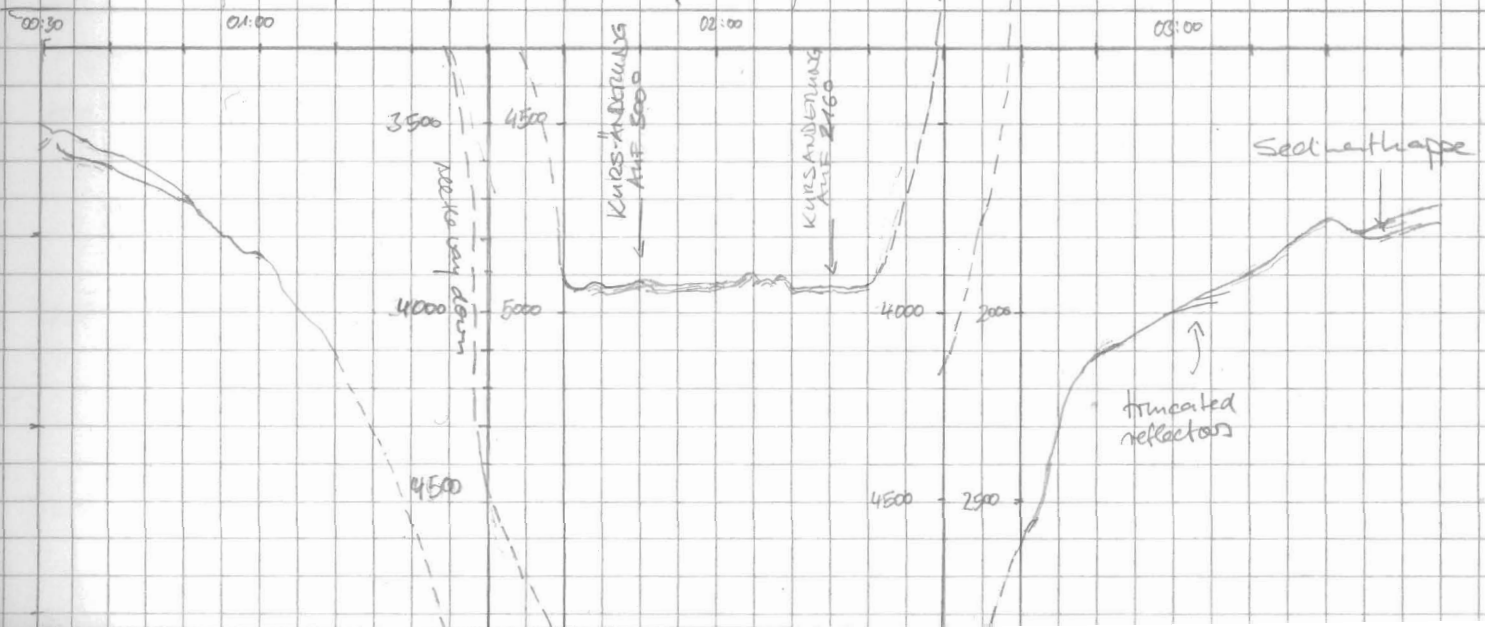
1:50 WP erreicht, Kurswechsel

1:55 Bodwechsel #141 → 142

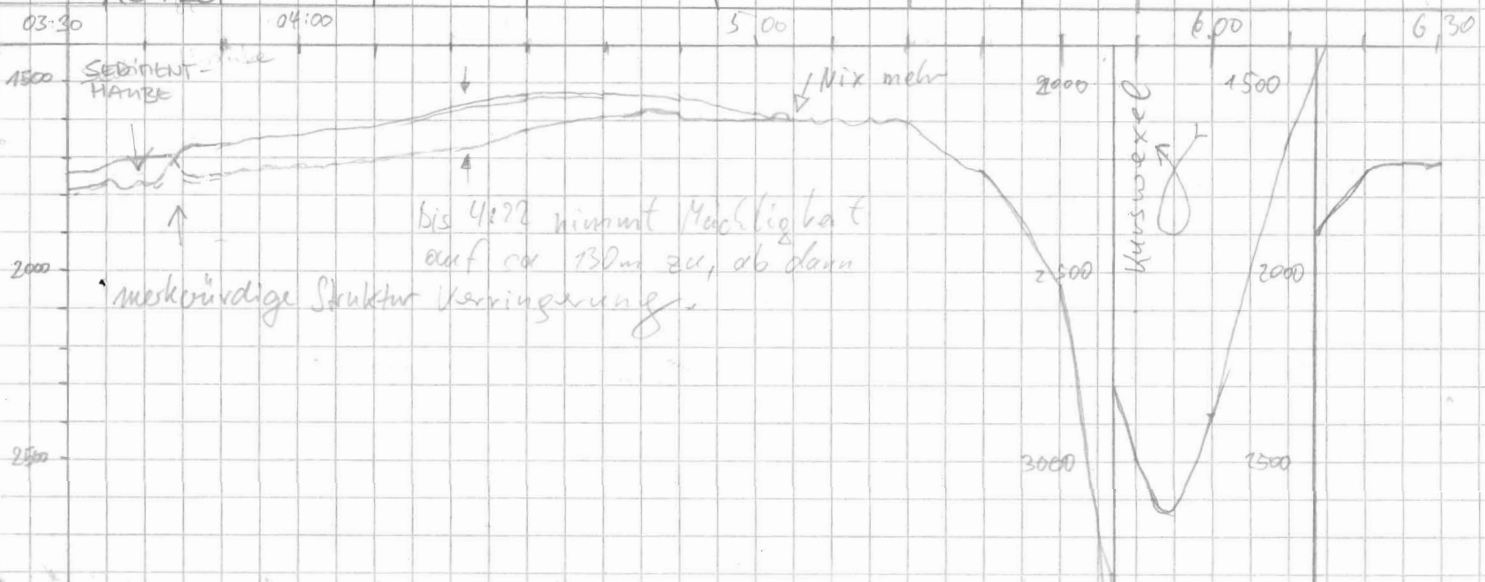
2:15 WP erreicht, Kurswechsel

3:00 DEPTH RANGE auf 2000 umgestellt; FORTAN KEIN PS-SIGNAL

3:25 Die "Sedimentkappe" des SMT erscheint erneut



DATE	TIME	PS [m]	HS [m]	LAT [°]	LONG [°]	SPEED [km]	COURSE [°]	LASERMAN [?]
4.5	03:40	-	1703	65°00.1 S	34°24.9 E	11.6	208	DAND VÖLKER
	3:50	-	1628	10.8	22.8	11.6	208	
	4:00		1607	3.4	20.7	11.6	208	Bernol Caser
	4:10		1586	5.0	18.8	11.7	208	
	4:20	1177	1520	6.5	16.3	11.7	208	
	4:30	-	1507	8.9				
	4:40	1476	1484	10.3	10.2	12.5	208	
	4:50	1482	1513	12.1	9.6	12.5	208	
	5:00	-	1556	13.6	8.0	12.2	208	
	5:10	-	1612	15.2	6.2	12.4	208	
	5:20	-	1600	16.8	4.0	12.4	208	
	5:30	-	1737	18.8	1.4	12.7	210	
	5:40	-	2017	20.7	33°53.0 E	12.5	210	
	5:50	3067	2381	22.8	57.0	7.7	57	
	6:00	-	2865	21.4	56.3	11.3	345	
	6:10	-	2164	19.9	55.4	11.6	345	
	6:20	-	1760	18.1	54.2	11.5	341	
	6:30	-	1721	16.5	52.8	11.8	340	
	6:40	-	1721	14.1	50.7	11.7	339	
	6:51	-	1719	12.3	48.4	12.1	345	
	7:00:30	-	1713	10.6	48.3	12.4	347	
	7:10	-	1854	7.8	46.2	12.2	346	
	7:20	-	1801	5.9	45.0	12.5	345	
	7:30	-	1880	4.3	43.7	12.4	346	
	7:40	2065	2022	2.5	42.5	12.6	341	
	7:50	2082	2037	1.2	41.5	12.0	342	
	8:00	2129	2077	64 59.3	40.1	12.3	344	Gretlhard Schmiedl
	8:10	2192	2141	57.5	38.8	12.0	342	"
	8:20	2278	2225	55.8	37.6	10.5	343	"
	11:40	2239	2245	55.0	39.5	6.5	114.3	U. Bockhauer
	11:50	2214	2167	55.5	41.7	7.1	118.8	"
	12:00	2155	2113	56.1	44.1	7.3	117.7	"
	12:10	2124	2085	56.6	46.3	6.5	115.0	W. Michals
	12:20	2055	2013	57.0	48.5	7.1	38.3	"
	12:30	2067	2029	57.0	47.7	3.8	49.7	"
	12:40	2062	2028	57.0	47.9	1.6	158.6	"
	12:50	2048	2006	57.3	48.6	2.5	85.5	"
	13:00	2066	2026	56.9	47.8	3.8	245.6	"
	13:10	2067	2028	57.0	47.6	0.5	249.7	"
	13:20							



PS FREQ.	PS PWS	DES. FREQ.	RES. LENGTH	WAIT	DATA RES.	DEED-ROU
[kHz]	[kHz]	[kHz]	[m]	[s]	[%]	Roller

4 2

COMMENTS

♥ Captain Wüργ melolet sich an Bord!

Bandwechsel 142 & 143

Es geht abwärts. Range 5000
 Kurswechsel auf 300°, Next UP in 2800m
 lt Brücke
 6:15 Range 2000

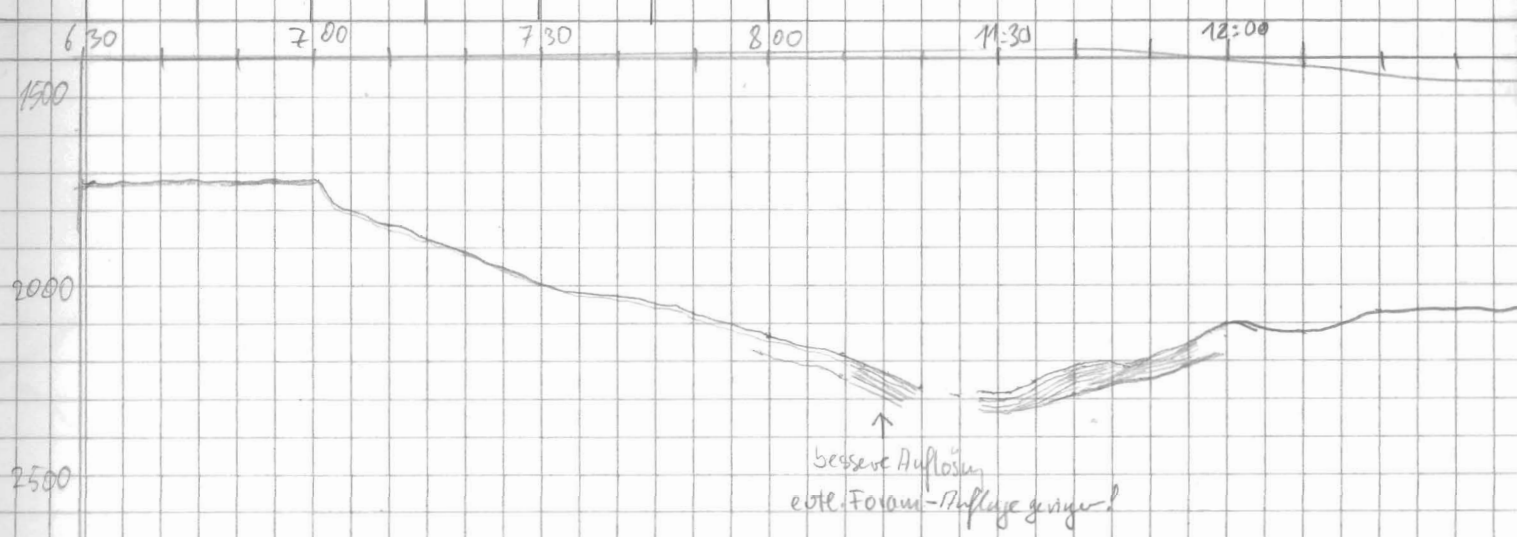
Wieder oben, unbratates Boden also
 keine Eindringung

Range 5000

8:22 Stationsbeginn

Veholun zur Komposition

Beginn Station



Date	Time	PS [m]	HS [m]	LAT [°]	LOX [°]	Speed [km]	Course [°]	Knöpfschdrücker
	19:30	2063	2019	64°56.9'S	35°47.9'E	7.9	344?	Uwe Hey
	18:50	2099	2065	56.6	47.4	2.6	202	F.N.
	19:00	2099	2061	56.9	46.5	4.4	026	"
	19:10	2119	2078	56.6	47.1	3.6	171	"
	19:20	2059	2017	57.0	48.0	4.2	197	"
	19:40	2190	2142	54.3	46.4	11.8	357	"
	19:50	2251	2203	52.7	46.2	9.4	356	"
	20:00	2308	2264	51.2	45.4	10.0	331	"
	20:10	2420	2366	49.7	43.2	11.3	329	"
	20:20	2406	2369	48.0	44.6	12.4	26.8	F.N.
	20:30	2378	2324	46.2	46.6	13.3	221	10. Spiess
	20:40	2540	2493	44.4	48.6	12.3	66	
	20:50	2612	2573	44.9	52.8	12.4	113	
	21:00	2742	2742	45.7	56.9	12.6	113	
	21:10	2 -	2917	46.3	34°01.7	12.7	103	
	21:20	2 -	2395	49.5	05.0	12.3	168	
	21:42	2249	2228	51.8	06.0	12.4	172	
	21:50	-	2120	53.2	06.5	12.3	171	
	22:00	1974	1960	64°55.3'S	34°07.7'E	12.4	175	J. G-jel
	:10	-	1874	57.3	07.7	12.5	174	
	:20	-	1776	59.2	08.3	12.3	174	
(Wappeler)	:32	nix	1629	65°01.8'S	34°09.1'E	12.5	172	
	:40	-	1589	07.4	09.6	12.3	172	
	:52	-	1567	05.6	10.4	12.5	172	
	23:00	-	1532	07.3	11.1	12.5	173	
	:10	-	1502	09.3	11.9	12.5	172	
	:20	-	1492	11.1	12.4	12.5	173	
	:34	-	1522	14.1	13.2	12.4	175	
	:40	-	1553	15.6	13.5	12.3	175	
	:57	-	1668	17.5	14.0	12.3	172	
5005	0:00	-	1758	19.4	14.7	12.8	170	
	0:10	-	1801	21.1	15.3	12.6	172	David Völler
	0:20	-	1868	23.0	15.9	12.4	174	
	00:30	-	1920	26.1	16.9	12.6	172	
	00:45	2004	2035	27.9	16.5	12.6	183	
	00:50	2187	2125	28.8	16.3	12.5	117	
	01:00	2328	2263	30.7	15.7	12.3	186	

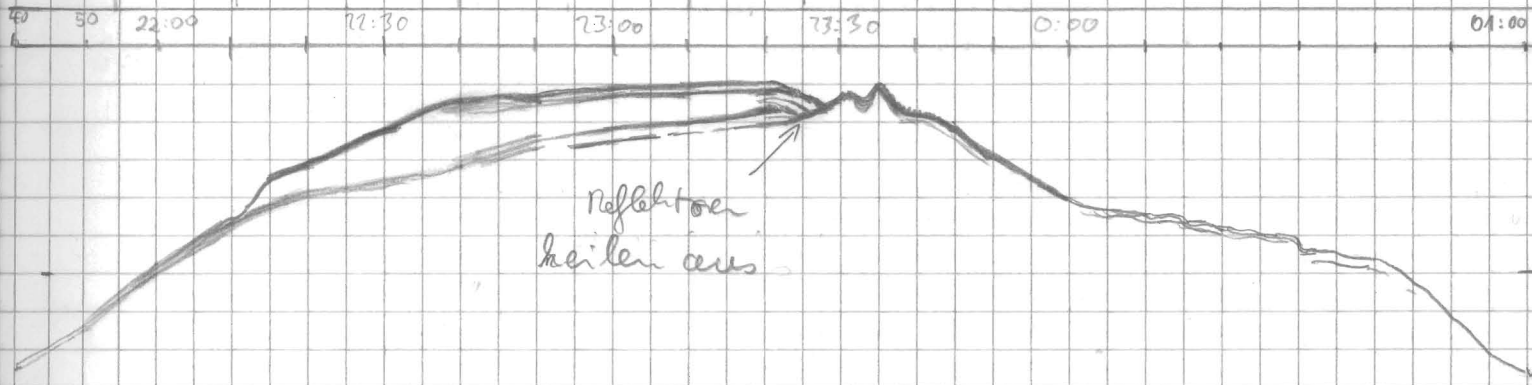


PS-Frequ. [kHz]	PS Puls	Reg-Frequ. [kHz]	Reg-Länge [ms]	Zeit [s]	Dataroll [%]	Deso-Rolle	Remarks
4	2	40	266	0	0	16	7 Minuten nach Stationenende auf 4kHz umgeschaltet 14:35 Stationen
5	4	40	266	0	0	14	
						14	18:28 Rollenwechsel # 16 → 14
3	4	"	"	"	"	"	18:40 Station-Ende
4	2						Ablaufen über Kernstationen
4	2	"	"	"	"	"	

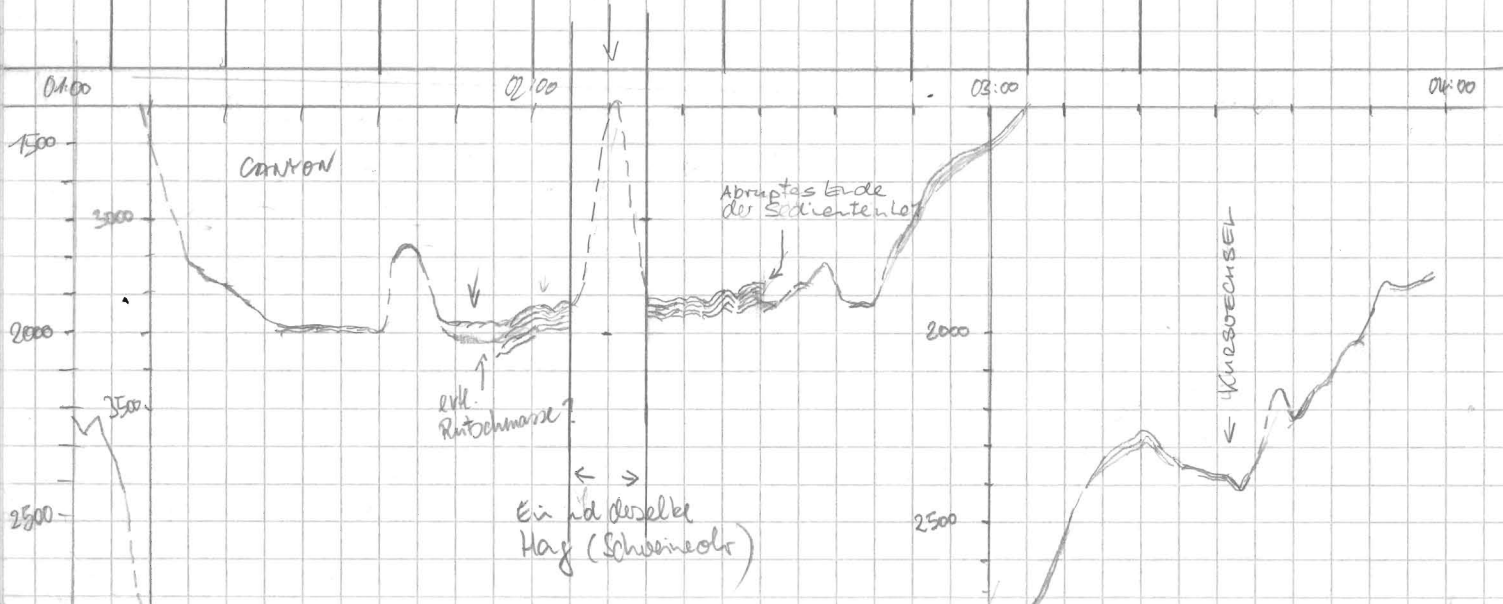
4 2 40 372 0 0 77

5,4 : 0,12 = x 7

Bandwechsel 145 → 746



DATE	ZEIT	FS	HS	LAT	LONG	SPEED	COURSE	THE EYE
5.5	01:10	-	2322	65° 32.6 S	340 15.2 E	12.4	187	THATS THE! (Darius)
	01:20	2940	2874	34.5 S	14.6 E	12.5	187	
	01:30	-	3113	36.5 S	14.0 E	12.6	185	
	01:40	-	3170	38.4	13.4	12.2	186	
	01:50	3271	2202	40.3	12.8	12.7	186	
	02:00	3229	3168	42.2	12.3	12.8	184	
	02:10	2735	2727	43.8	11.6	8.1	357	
	02:20	3208	3146	41.2	13.5	12.1	42	
	02:30	3232	3174	41.6	16.6	12.3	40	
	02:40	3228	3189	39.3	19.8	12.7	43	
	02:50	2984	2941	37.7	23.1	12.7	39	
	03:00	2853	2812	36.2	25.9	12.6	39	
	03:10	2513	2502	34.5	29.2	12.5	39	
	03:20	2329	2289	32.9	32.4	12.8	40	
	03:30	-	2301	31.2	35.5	12.8	39	
	03:40	2198	2167	29.6	33.5	11.8	326	
	03:50	-	2007	28.0	30.7	11.7	328	
	04:00	1889	1963	26.6	30.3	11.5	328	Bernol Laser
	04:10	-	1854	25.1	25.8	11.1	326	
	04:20	-	1769	23.6	23.2	12.0	325	
	04:30	-	1778	21.8	20.2	10.6	325	
	04:40	-	1753	20.8	18.4	11.7	321	
	04:50	-	1753	19.4	15.7	11.8	325	
	05:00	-	1690	18.1	13.4	11.7	322	
	05:10	-	1603	16.5	10.7	11.5	325	
	05:20	-	1583	14.1	6.7	11.2	323	
	05:30	-	1577	13.3	5.5	11.5	325	
	05:40	-	1576	12.5	3.8	11.7	321	
	05:50	-	1583	10.8	0.6	11.2	324	
	06:00	-	1691	9.1	33° 57.7 E	11.7	325	
	06:10	-	1679	7.7	55.2	10.5	324	
	06:20	-	1736	6.9	52.7	10.8	216	
	06:30	-	1715	8.3	51.7	11.2	162	
	06:40	-	1640	9.8	53.6	11.6	154	
	06:50	-	1705	9.1	50.3	11.0	308	
	07:00	-	1805	9.9	46.9	9.3	305	
	07:10	1849	1881	7.5	45.3	1.0	127	
	08:43		1895					
	08:50							



PS FREQ.	PS PULSE	REG. FREQ	REG. LENGTH	EXIT	DATA RED.	DESC -ROUTE
4	2	40	372	0	0	17

REMARKS

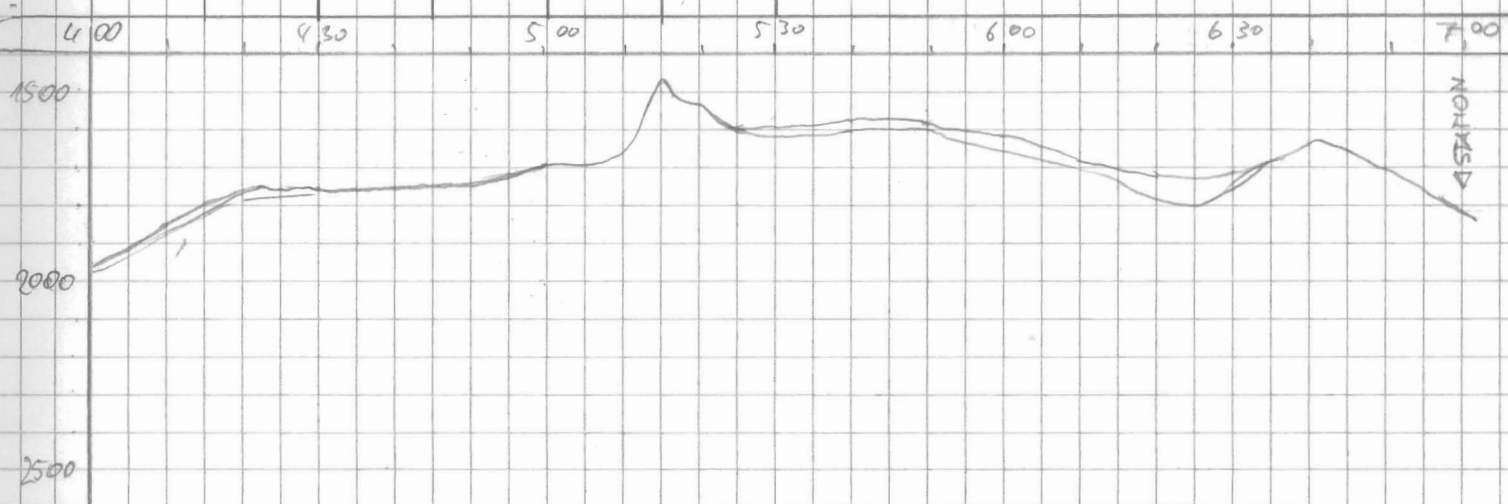
01:10 Canyon - steiler Anstieg in K-M.-Skt.
 02:00 An Boden des Canyon
 überraschenderweise ~ 90m Eindringung
 02:07 WP erreicht, Beginn Schneedecke
 02:07 - 02:15 Drehung des Kurses über den Berghang des Canyon, (kein "Peak")
 03:16 Kurswechsel 146 → 147
 03:32 WP erreicht, Kurswechsel

Kurswechsel: WP erreicht
 Kurswechsel nach Kurstation

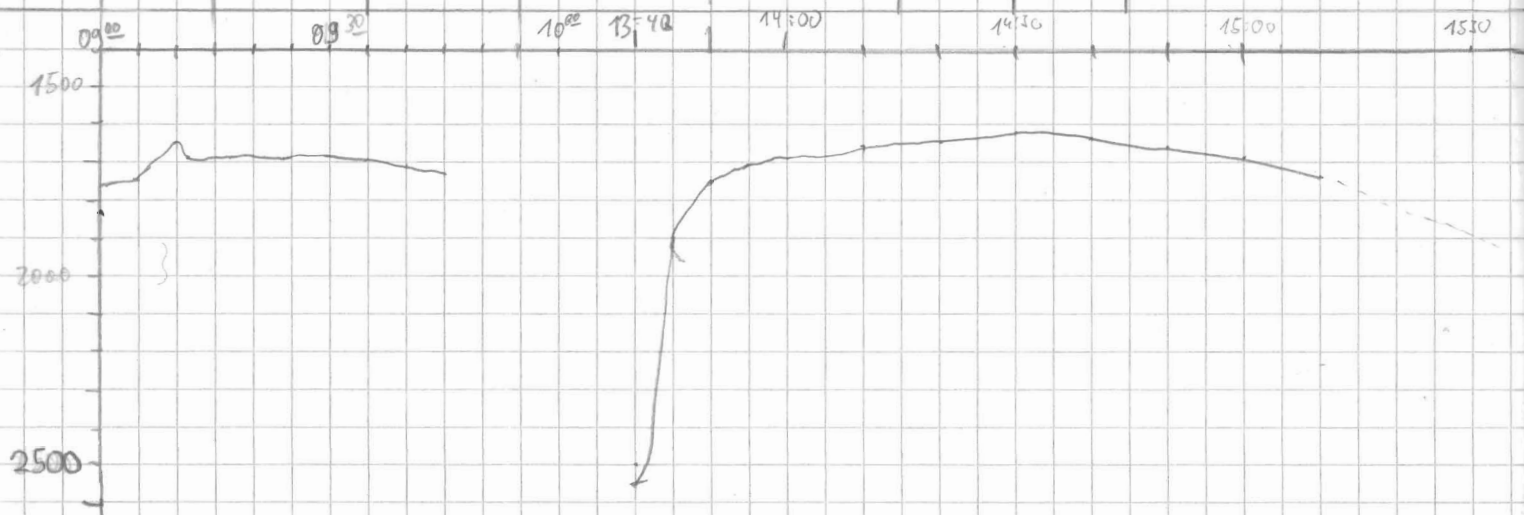
5.5 4

30
0

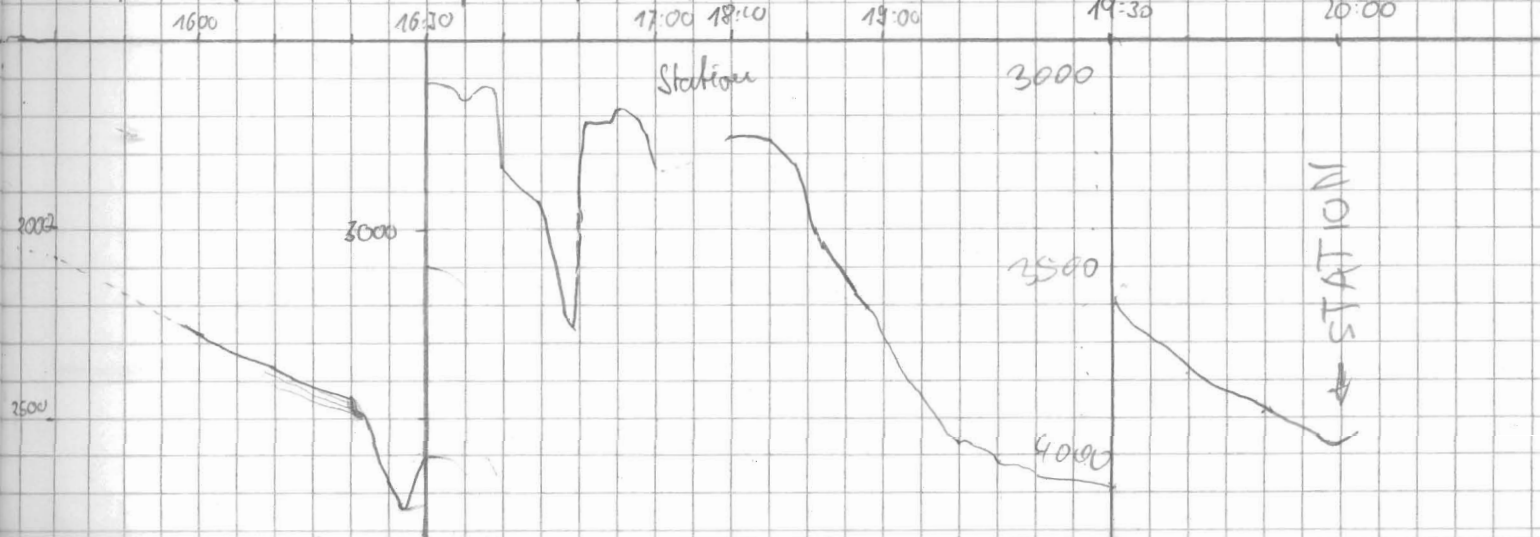
KKF ein
 Station
 Stationsende



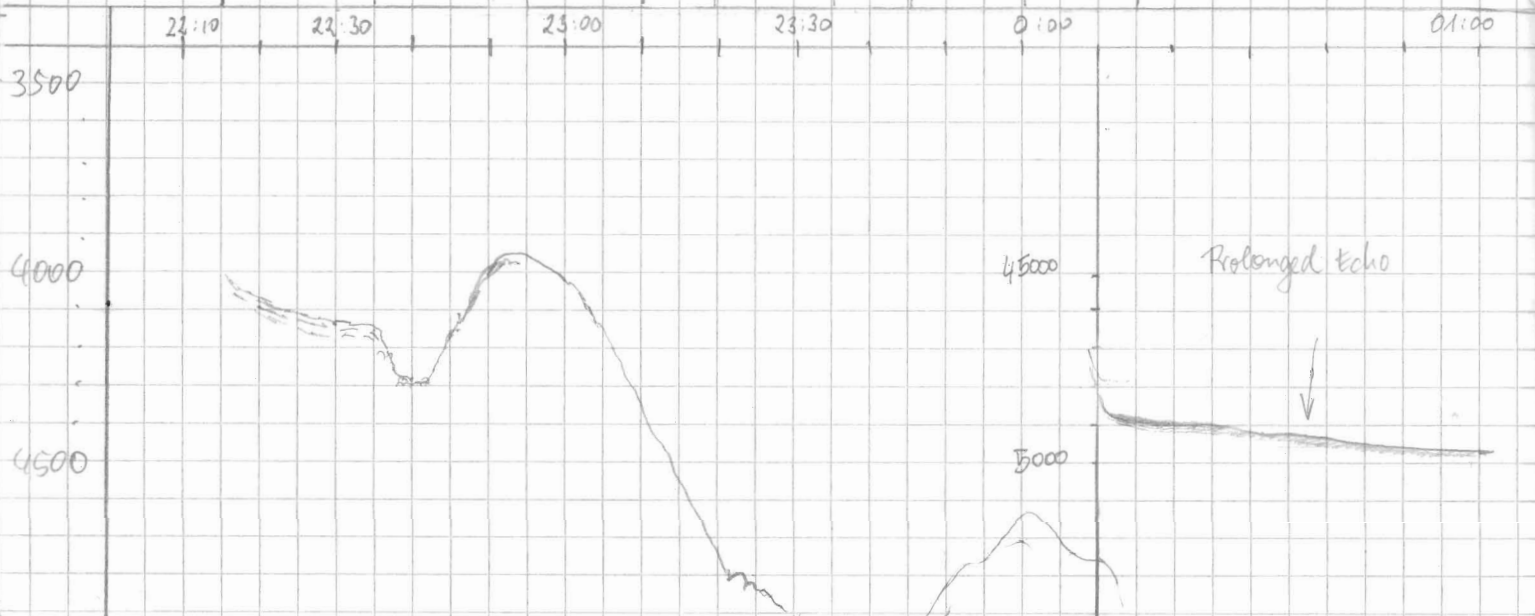
Datum	Zeit	PS	Hs	LAT	LONG	SPEED	COURSE	Täter
05.05.	09:00	1748	1749	65° 03,4	33° 48,1	10,2	131	F. V. Haas
	09:10	1654	1692	10,3	50,8	10,7	130,7	"
	09:20	1691	1666	11,5	53,5	10,2	130,7	"
	09:30	1659	1679	13,0	53,3	9,9	197,7	"
	09:40	1659	1707	14,6	52,3	10,2	196,7	"
	09:50							"
	10:00							"
	13:40	2661	2621	17,8	49,6	7,4	24,1	U. Brathan
	13:50	-	1751	16,3	51,1	11,7	22	"
	14:00	16-	1637	14,5	52,9	12,3	22,2	K. Michels
	14:10	-	1664	12,6	54,6	12,4	18,0	"
	14:20	-	1645	10,7	56,2	12,6	29,0	"
	14:30	-	1618	8,8	58,3	12,5	23,0	"
	14:40	-	1625	6,9	34° 00,2	13,0	20,9	"
	14:50	-	1650	4,9	33° 58,8	12,0	348,9	"
	15:00	-	1692	3,0	59,1	12,2	358,4	"
	15:10	-	1738	1,1	58,9	12,5	357,9	"
	15:20	-	1808	64° 59,2	58,5	12,1	355,6	"
	15:30	-	1896	57,3	58,1	12,4	355,7	"
	15:40	2090	2033	55,3	57,7	12,6	355,5	"
	15:50	-	2119	53,3	57,3	12,5	355,0	"
	16:00	2278	2218	51,4	56,9	12,2	358,1	Uwe Frey
	16:10	2363	2305	49,5	56,7	11,9	357	"
	16:20	2443	2385	47,6	56,3	11,7	355	"
	16:30	2600	2564	45,7	55,7	11,2	322	"
	16:40	2825	2747	44,3	52,8	11,6	320	"
	16:50	-	2867	42,9	50,1	11,1	318	"
	17:00	2840	2780	41,5	47,1	11,0	316	"
	18:35	2764	2720	41,5	45,6	6,0	296,1	"
	18:40	2758	2691	41,2	44,5	10,4	305	"
	18:50	-	2949	40,2	40,9	10,9	303	"
	19:00	-	3258	38,3	37,3	10,6	301	"
	19:10	3540	3482	38,4	33,6	11,5	298	Carmen Jany
	19:20	-	3570	37,5	29,9	11,6	297	"
	19:30	-	3679	36,7	26,1	11,5	298	"
	19:40	3899	3783	35,8	22,6	11,2	298	Bernel Carrer
	19:50	3879	3878	35,1	18,4	10,9	297	"
	20:00	3852	3807	34,3	15,8	4,7	310	"



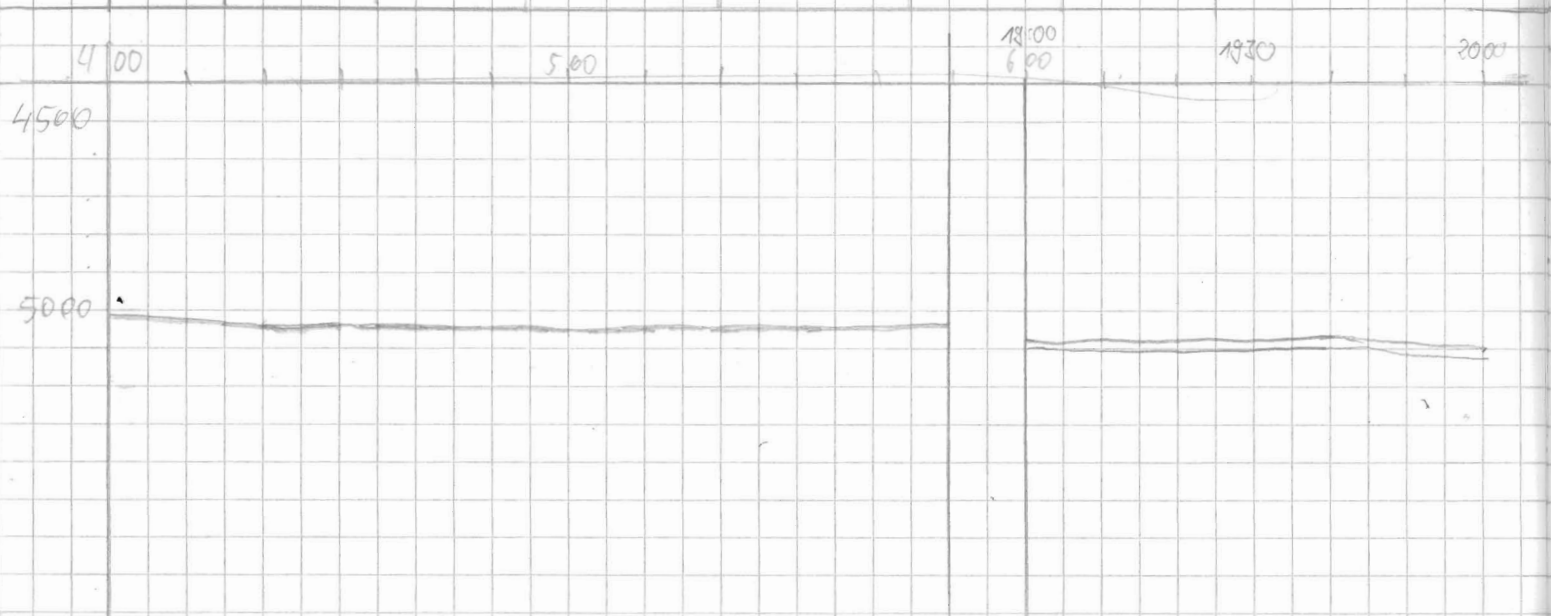
PS Freq.	PS Pulse	Reg freq.	Reg length	Data Red	Deso -Rolle	Remarks
5.5	4		30			09 ⁴⁵ Station KVF 0/0
						Bandwexel 147 → 148 14:25 Uhr Unswexel
4.0	4		0			Farbkarte aus Drucker gewechselt
5.5 4.0	4	40	30 0	0	17.16	Stationenbeginn 5.5kHz 30sec Stationenende ungeschaltet Farbtausch am Table Drucker leer seit 17:02 Abschaltung hat nicht funktioniert!
5.5	4		30			Bandwechsel 149 - 150 Auffüllen von Th-3 Patronen Kleppert → Recycl. Patrone Skaler → Station DESO Paperspeed auf 1:50000...



Date UTC	Time UTC	PS [m]	HS [m]	Breit [°]	Langg	Speed [km]	Waves [°]	Wache
5594	22:05							10. Spraf
	22:20	4102	4043	64° 31.7	5 33° 15.8 E	12.4	17	
	22:30	4148	4095	29.7	17.2	12.3	23	
	22:40	4	4290	28.0	19.3	12.1	26	
	22:50		3961	26.2	21.4	12.3	28	
	23:00		3993	27.3	23.6	12.1	27	
	23:10		4234	22.6	25.7	12.2	26	
	23:20		4685	20.8	27.7	12.5	21	
	23:30	4850	4795	18.8	29.4	12.6	19	
	23:40	1	4803	17.0	30.9	12.5	20	
	23:50	4773	4706	14.7	32.8	12.6	21	
	0:00	4643	4607	13.1	34.3	12.5	21	
	00:10	-	4895	11.2	35.9	12.6	22	David Völler
	00:20	4889	4851	09.2	37.8	13.0	24	
	00:30	4933	4886	07.3	39.6	12.8	21	
	00:42	4964	4915	04.8	41.9	13.2	22	
	00:50	4973	4923	03.5	43.1	13.2	20	
	01:00	4984	4938	00.7	45.6	12.6	22	
	01:10	4986	4943	63° 59.6	46.6	12.2	22	
	01:20	4992	4948	57.9	48.2	12.2	22	
	01:30	4997	4950	56.1	49.8	12.1	21	
	01:40	5001	4960	54.3	51.5	11.4	21	
	02:00	5010	4974	50.8	54.6	11.9	21	
	02:10	5013	4979	48.8	56.4	12.0	22	
	02:20	5015	4983	47.1	57.9	11.9	20	
	02:30	5018	4987	45.3	59.5	11.2	20	
	02:40	5019	4987	43.8	34° 00.9	11.9	21	
	02:50	5021	4990	41.8	01.1	12.1	24	
	3:00	5023	4995	40.2	4.2	12.3	22	Bend lower
	3:10	5028	4998	38.5	5.7	12.1	21	
	3:20	5030	4999	36.7	7.2	12.2	22	
	3:30	5033	5002	35.0	8.8	12.2	22	
	3:40	5037	5007	32.7	10.8	12.0	23	
	3:50	5038	5007	32.2	11.2	12.2	22	
	4:00	5046	5023	29.7	13.5	12.2	22	
	4:10	5050	5026	27.9	15.1	12.2	23	



Date	Time	PS	Depth	HS	Position		Speed	WWS	Weather?
UTC	UTC	[m]	[m]	[m]	Lat [°]	Lon [°]	[kn]	[°]	
16:50	4:20	5064	5029	5029	63°26.1 S	24°16.8 E	11.7	22.4	Bernd Lassy
	4:30	5064	5038	5038	29.4	18.2	11.5	21.8	
	4:40	5065	5034	5034	22.7	18.7	12.0	21.8	
	4:50	5062	5031	5031	21.1	21.1	11.8	22.2	
	5:00	5052	5026	5026	18.3	22.7	11.8	22.8	
	5:10	5062	5035	5035	17.6	24.2	11.8	22.3	
	5:20	5071	5043	5043	15.9	25.7	11.6	22.5	
	5:30	5078	5051	5051	14.2	27.2	11.4	22.0	
	5:40	5081	5051	5051	12.5	28.7	12.1	21.6	
	5:50	5088	5067	5067	11.0	28.8	7.2	15.1	
	19:00	5076	5089	5089	10.0	39.5	11.6	238.6	Wurtrey
	19:10	5071	5044	5044	10.8	36.4	11.9	239.6	4
	19:20	5075	5050	5050	11.5	37.1	4	4	4
	19:30	5085	5065	5065	10.2	30.9	12.8	19.2	4
	19:40	5082	5043	5043	8.2	32.4	13.5	021	4
	19:50	5085	5058	5058	6.2	33.9	13.3	018	4
	20:00	5102	5071	5071	4.3	35.5	13.3	022	4
	20:10	5115	5088	5088	2.3	37.1	13.5	021	Carmen - Jung
	20:20	5110	5077	5077	0.2	38.8	12.2	022	4
	20:30	5108	5081	5081	62°58.3	40.3	13.6	020	"
	20:40	5110	5091	5091	56.4	41.8	13.3	020	4
	20:50	5125	5109	5109	54.5	43.6	13.6	020	4
	21:00	5121	5112	5112	52.5	45.1	13.3	020	"
	21:10	5122	5102	5102	50.6	46.7	13.2	024	"
	21:20	5120	5117	5117	48.5	48.6	13.1	024	4
	21:30	5122	5151	5151	46.6	50.1	12.2	023	"
	21:40	5122	-	-	44.9	51.6	11.6	026	"
	21:50	5119	5132	5132	43.3	52.9	11.6	018	"
	22:00	5111	5152	5152	41.6	54.2	11.7	022	"
	22:10	5119	5161	5161	39.9 S	55.5 E	10.9	019	F. N.
	22:20	5123	5136	5136	38.3	56.7	10.9	020	
	22:30	5124	5153	5153	36.8	58.1	10.6	022	
	22:40	5121	5141	5141	34.9	59.6	10.6	020	
	22:50	5120	5131	5131	62°33.5 S	35°00.8 E	10.3	021	
	23:00	5125	5137	5137	32.1	02.0	10.1	021	
	23:10	5128	5137	5137	30.7	03.1	10.2	020	



PS-F PS-A R-F R-L Wait D-R Deso

4 2 40 133 0 0 17

5.5
4 4 2

30
~~0~~

stationen beginn
6:05 Speicherung
abgeschaltet!

Yogge Table: Papierungun verbleibt
keine Aufnahme zwischen 19:19u 19:25
Anode: Papier Alequante der einen Halbel
hintere Seite Drücker -> Halbel Posiert
19:45 Wechsel 151 -> 152

4 2 40 133 ~~0~~ ~~0~~ 17

20:00 20:30 21:00 21:30 22:00 22:30 23:00

Date	Time	Depth		Position		Speed	Course
UTC	UTC	PS	HS	Lat	Long	kn	
6.5.	23:20	5132	5137	62° 29.3 S	35° 04.4 E	10	021
	23:30	5131	5135	77.8	05.6	10.1	020
	23:40	5131	5135	26.3	06.8	10.2	020
	23:50	5137	5126	24.7	08.1	10	020
7.5	0:00	5141	5132	23.3	09.2	10.1	022
	0:10	5142	5122	21.7	10.3	10.0	020
	0:20	5146	5129	20.3	11.4	10.0	020
	0:30	5146	5130	19.5	12.4	9.9	20
	0:40	5162	5143	17.5	13.6	9.7	21
	0:50	5165	5145	15.9	14.9	9.9	21
	01:00	5166	5139	14.3	16.2	9.8	21
	01:10	5168	5146	12.3	17.8	12.8	22
	01:20	5166	5143	10.9	19.0	12.6	22
	01:30	5168	5143	09.1	20.4	12.8	20
	01:50	5174	5151	05.7	23.1	12.7	20
	02:00	5178	5161	03.5	24.9	12.9	20
	02:10	5181	5169	01.4	26.5	12.9	18
	02:20	5179	5164	61° 59.8	27.8	12.4	20
	02:30	5184	5166	57.9	29.2	9.5	23
	02:40	5186	5164	56.8	30.3	8.9	20
	02:50	5188	5167	55.3	31.5	8.8	21
	03:00	5187	5167	53.8	32.6	8.7	20
	03:10	5190	5167	53.4	32.9	9.0	19
	03:20	5192	5171	51.5	34.4	8.8	20
	03:30	5195	5176	50.1	35.3	8.9	20
	03:40	5201	5184	48.5	36.8	8.7	20
	03:50	5203	5185	47.5	37.6	8.8	20
	04:00						
	04:10						
	04:20	5207	5193	40.6	40.6	8.6	22
	04:30	5212	5106	40.5	43.1	14.5	17



F.N.

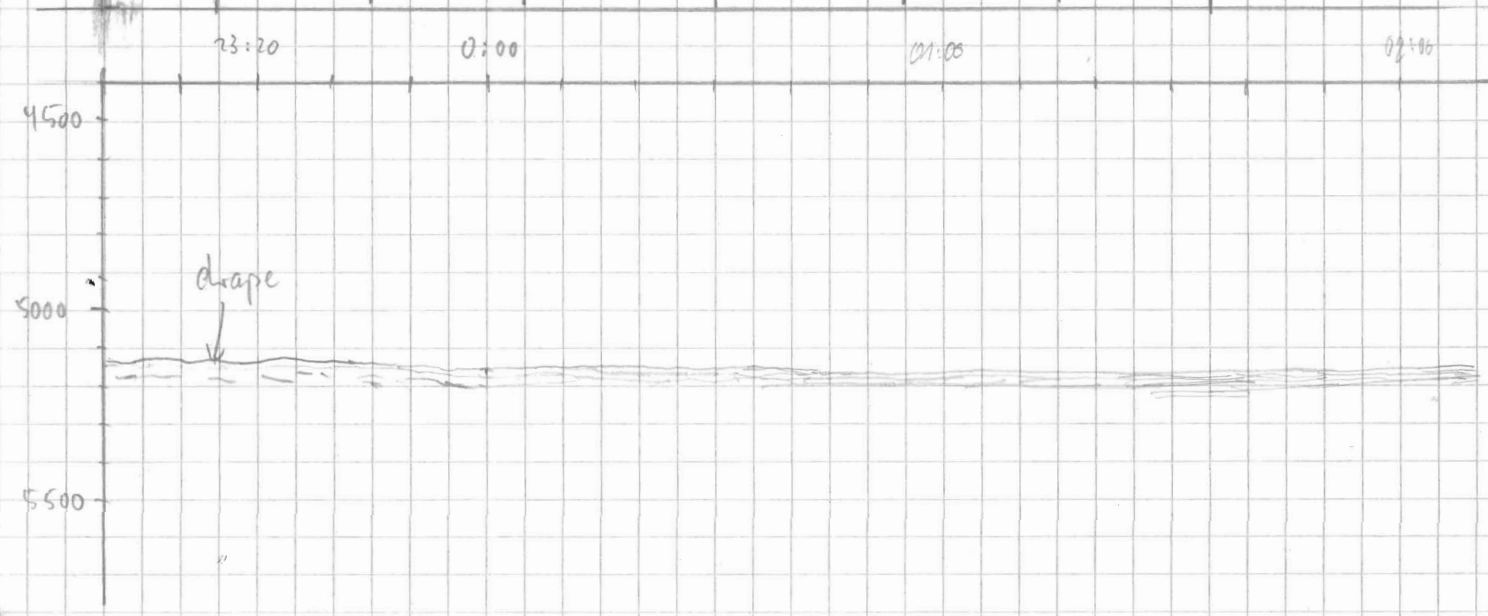
F.N.

David Coler



10.5.

David Coler



Frequ	Puls	Frequ	[m s]	[s]	Papir
PS	PS	R-F	R-L	Wait	Halle
				D-R	
4	2	40	133	0	17



00:59 Badwechsel #152 -> 153

prolonged Bottoms

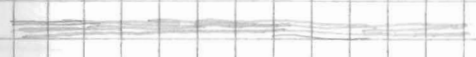
3:57 Versuche Quer Station
abgebrochen, mind. 30 Min. weiterfahren
Büchertens

4 2 0

Station 4:25
Ablaufen v. Station

02:00

03:00



Date	Time	PS	HS	Lat	Lon	Speed	Kurs	Vachle
7.5	8:30	5212	5196	61°40.5 S	35°43.1 E	14.5	17	Bernel Laser
	8:40	5212	5195	38.3	44.6	14.8	19	
	8:50	5217	5197	38.3	46.0	14.6	19	
	9:00	5222	5193	33.7	47.7	14.7	17	
	9:10	5226	5196	31.4	48.9	14.7	16.3	F. Juwel
	9:20	5229	5199	29.0	50.1	14.6	12.6	
	9:30	5232	5203	26.7	50.9	15	13	
	9:40	5237	5215	24.4	51.8	14.8	12	
	9:50	5242	5226	22.1	52.6	15	12	
	10:00	5245	5228	20.6	51.6	13.3	281.9	
	10:10	5243	5225	19.9	48.7	9.1	182.4	
	10:20	5245	5229	26.6	52.7	13.4	106	
	10:30	5241	5221	20.6	56.7	14.0	47	
	10:40	5243	5226	18.4	59.9	14.8	12	
	10:50	5245	5227	16.2	36°00.8	14.6	19	Sandra
	11:00	5247	5233	14.0	02.5	15	20	
	11:10	5250	5237	11.8	04.2	15	20	
	11:20	5250	5228	09.1	06.2	15	19	
	11:30	5252	5229	07.4	07.4	15	18	
	11:40	5254	5235	05.2	08.9	15	19	
	11:50	5255	5233	02.9	10.6	15	18	
	12:00	5257	5235	00.7	12.2	15.0	20.0	Helmut
	12:10	5251	5239	60°58.4	13.8	14.6	16.7	
	12:20	5251	5233	56.3	15.1	15.2	18.6	
	12:30	5256	5234	53.9	16.9	14.8	20.5	
	12:40	5261	5243	51.6	18.5	15.1	20.6	
	12:50	5260	5238	49.3	20.2	15.2	20.4	
	13:00	5259	5245	47.2	21.8	15.2	19.3	
	13:10	5263	5247	45.0	23.2	15.4	18.4	
	13:20	5265	5246	42.7	24.9	15.0	20.4	
	13:30	5270	5250	40.5	26.5	15.1	21.3	
	13:40	5265	5235	38.3	28.1	15.3	18.2	
	13:50	5268	5236	36.1	29.6	14.7	21.2	
	14:00	5273	5240	33.9	31.1	15.3	20.8	



* Enjoy Squid's Synthetic Oil

PS-Frequ PS-Pals Rep-F Rep-Len Wait D. P. Deso

4 2 40 133 0 0 17

10:20 Tabeledrucker unleselich
10:25 Badwechsel 153 → 154
Patrone geerzt.

18 11:30 Rolle gew. B.L.

Tabeledrucker hat sich schon wieder verabschiedet. Auch Reinigung bringt nicht viel...

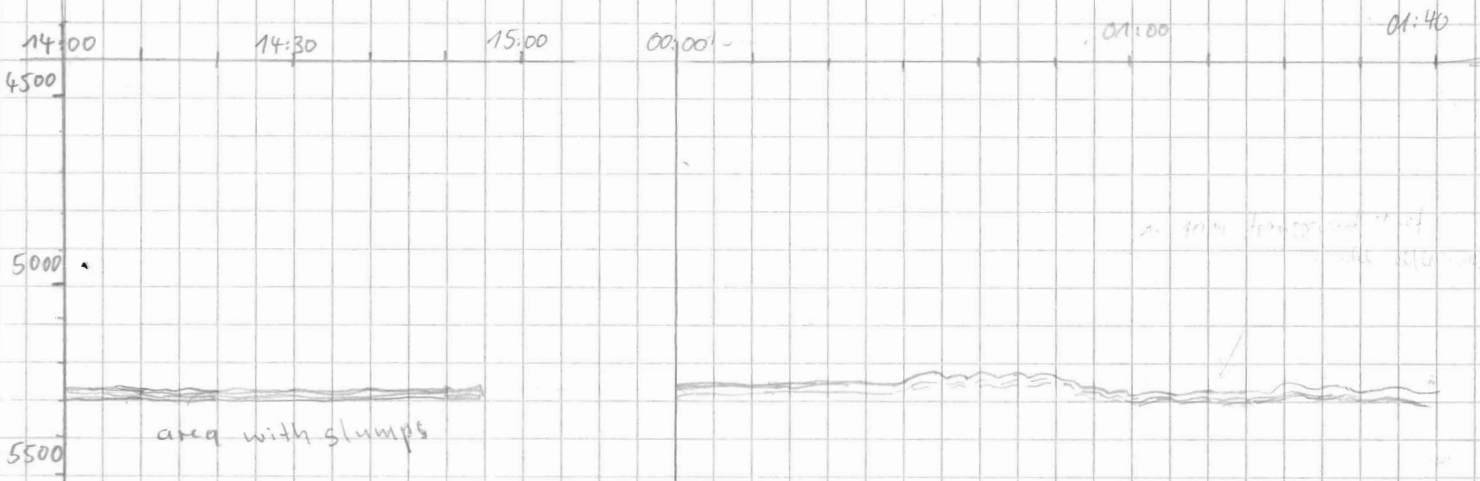
11:30 12:00 13:00 14:00

Dr. Squid vergift für kurze Zeit seine Rache ...
... und rückt der leeren Patrone des Tabeledruckers mit einem edlen Tropfen aus eigenem Vorrat zu Leibe ...



Date	Time	PS	HS	Lat	Lon	Speed	Kurs	Watchdog
7.5.	14:10	5274	5242	60°31,6'S	36°33,0'E	15,0	21,4	Gerd / Schmidt
	14:20	5273	5236	29,4'S	34,5'E	14,8	20,2	
	14:30	5273	5247	27,2'	35,9'	15,0	19,6	
	14:40	5276	5260	25,0'	37,5'	14,3	19,9	
	14:50	5265	5253	22,8	39,1	14,1	19,8	

8.5	00:03	5282	5292	60°23.5 S	36°29.7	0.7	306	David Völlw	
	00:10	5281	5291	23.6	29.8	4.9	85		
	00:20	5279	5293	23.0	33.3	11.7	70		
	00:30	5280	5272	22.4	36.6	13.3	69		
	00:40	5268	5283	21.3	40.0	14.3	23		
	00:50	5264	5275	18.8	41.8	15.0	19		
	01:00	5276	5284	16.7	43.1	14.9	21		
	01:10	5271	5272	14.6	44.8	15.2	22		
	01:20	5277	5282	12.2	46.4	14.9	19		
	01:30	5281	5299	09.9	47.9	15.2	17		
	01:40	5282	5286	07.6	49.5	15.2	18		
	01:50	5278	5268	05.2	51.1	15.3	19		
	02:00	5274	5266	03.1	52.5	15.1	17		
	02:10	5278	5267	01.0	54.0	15.0	17		
	02:20	5284	5271	59°58.5	55.7	14.9	17		
	02:30	5286	5274	56.2	57.3	14.9	17		
	02:40	5285	5280	54.0	58.7	15.0	18		
	02:50	5281	5280	51.7	37°00.3	14.7	19		
	03:00	5284	5280	48.8	02.3	15.1	17		
	03:10	5289	5290	47.2	03.4	15.0	18		
	03:20	5299	5298	44.8	04.9	14.9	16		
	03:30	5299	5291	42.5	06.4	15.2	19		
	03:40	5306	5293	40.2	08.9	15.5	19		
	03:50	5316	5294	37.2	10.0	15.3	19		
	04:00	5316	5293	36.1	11.0	14.9	18		Bernd Läser
	04:20	5321	5284	31.8	13.6	12.6	15		
	04:30	5322	5288	29.8	15.1	12.6	18		
	04:40	5323	5283	27.8	20.6	12.6	20		
	04:50	5325	5280	25.9	17.8	12.6	20		



PS-Freq.	PS-Puls	Reg-F.	Reg-len	Wait	DR	Deso
4	2	40	133	0	0	18
5.5	4			30.0		
4	2	40	133	0	0	18

Bla Bla Bla ... Bla

5.5 4

30.0

14:55 Stationsxyium

4 2 40 133 0 0 18

00:03 Stationsende, Anfahrt
WP bei 58°57.3'S 39°36'E

00:40 Skalierung: ...
~10m transparente Einheit als drape über verlängerten Bodenecho.

01:30 Badwechsel

01:45 Der verlägeste Reflektor ist kaum noch zu erkennen, sobald in transparenten drape Reflektoren erscheinen (abgedeckt?)

02:00 Der tiefere Reflektor erscheint wieder als diffuser breiter Reflektor, unterbrochen.

03:00 der tiefe Reflektor erscheint erneut

03:50 ein dritter Reflektor erscheint.

01:40

02:00

03:00

04:00



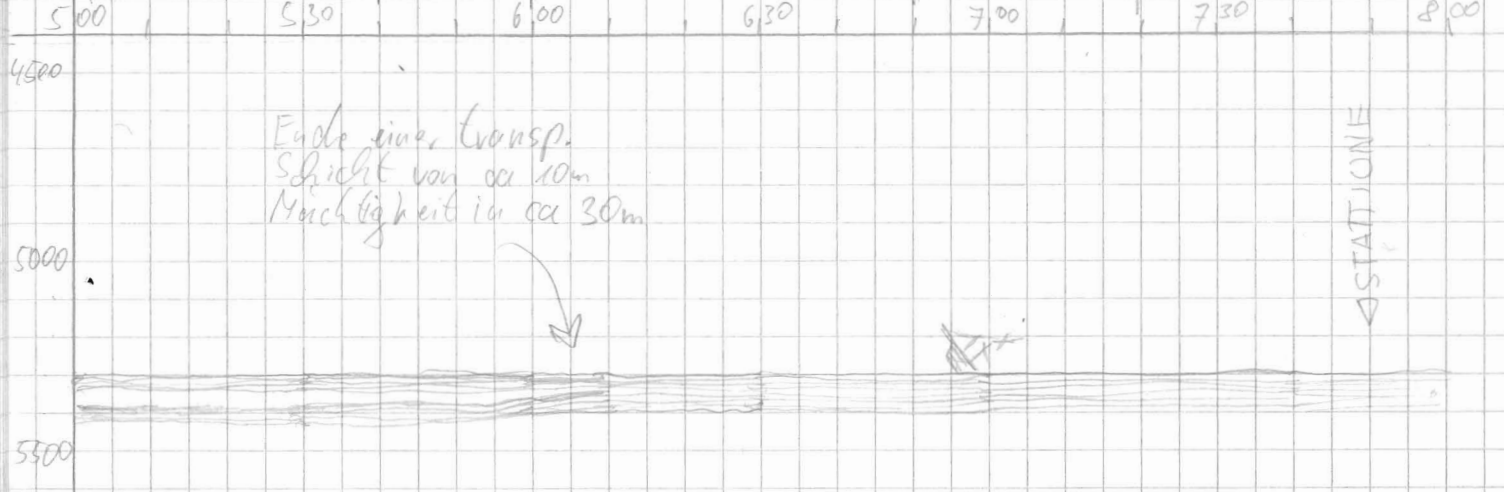
Der bis dato klar erkennbare verlängerte Reflektor ist nicht mehr zu erkennen.

↑ tiefer Reflektor erscheint wieder

↑ verschwindet wieder

Date	Time	PS	HS	Lat	Lon	Speed	Kurs	Watch
8.5.	5:00	5324	5285	58°24.0 S	37°19.1 E	12.8	20.4	Bernal Laser
	5:10	5327	5285	22.1	20.4	12.8	17.5	
	5:25	5329	5300	18.9	22.4	12.8	17.2	
	5:30	5329	5303	18.2	22.8	12.4	16.9	
	5:40	5329	5302	16.4	24.0	12.3	18.4	
	5:50	5331	5301	11.5	25.2	12.6	20.8	
	6:00	5331	5304	12.6	26.4	12.0	20.0	
	6:10	5331	5306	10.7	27.7	12.4	18.6	
	6:20	5330	5302	9.5	28.5	12.3	18.9	
	6:30	5331	5307	7.1	30.1	12.1	18.1	
	6:40	5330	5286	5.7	31.2	8.8	16.7	
	6:50	5328	5300	4.4	31.9	8.5	15.9	
	7:00	5330	5300	3.1	32.8	8.3	15.7	
	7:10	5327	5290	2.1	33.5	8.5	17.9	
	7:20	5325	5289	0.4	34.7	8.6	15.1	
	7:30	5327	5281	58°59.2 S	37°35.4 E	8.4	18.0	
	7:40	5327	5283	58.1	36.2	8.6	20.3	
	7:50	5327	5282	56.9	36.7	1.4	34.0	

Date	Time	PS	HS	Lat	Lon	Speed	Kurs	Watch
8.5.	14:28	5326	5344	59.5	38.3	0.3	340	David Völker
	14:30							
	14:32							
	14:34							
	14:36							
	14:38							
	14:40							
	14:42							
	14:44							
	14:46							
	14:48							
	14:50							
	14:52							
	14:54							
	14:56							
	14:58							
	14:59							
	15:00							
	15:01							
	15:02							



K-F A-A R-F R-Len wait Reche. Poso

Süßz

4	2	40	133 266	0	0	18
---	---	----	------------	---	---	----

200 m Fenster eingestellt!
Eindr. jetzt ca 90m

Beobachtet 7:15, 155 -> 156

5.5 4

30

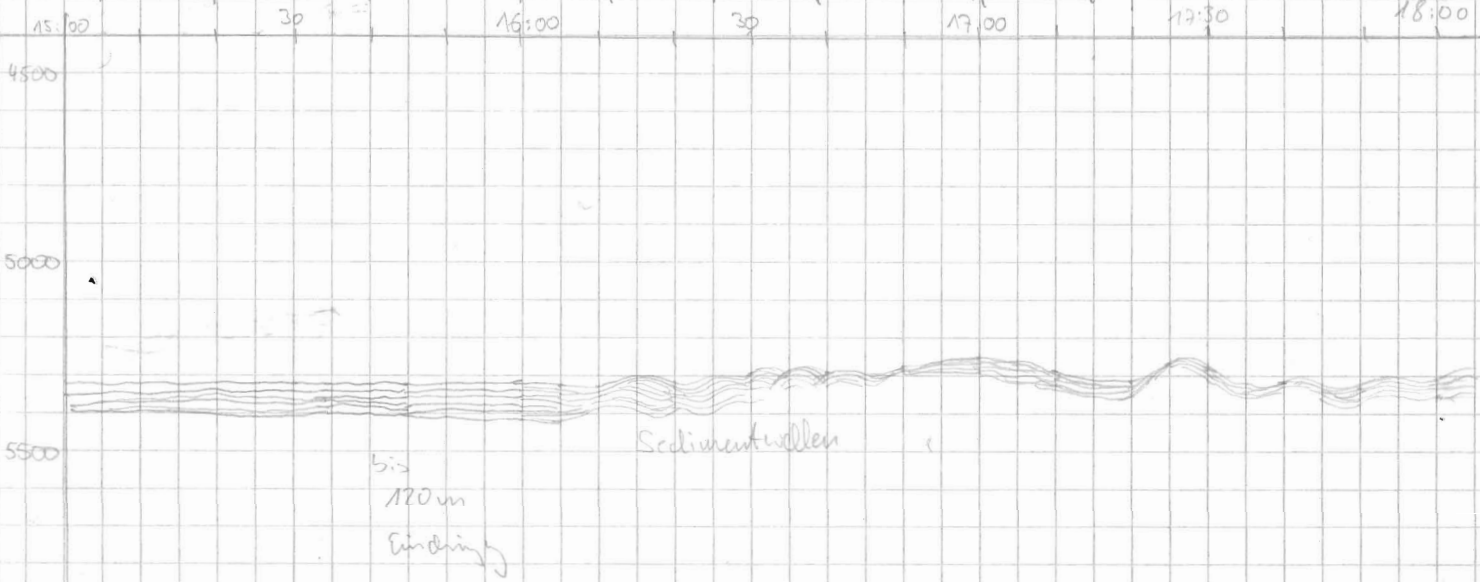
7:42 Strahlrude
Station an WP 23 58°57.0 S / 37°36.7 E

4	2	40	266	0	0	18
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Beginn Frequenztest

5.5	1
5.0	1
4.5	1
4.0	1
3.5	1
3.0	1
2.5	1
2.5	4
3.0	4
3.5	4
4.0	4
4.5	4
5.0	4
5.5	4
5.5	8
5.0	8
4.5	8
4.0	8

DATE	TIME	FS	HS	LAT	LONG	SPEED	COURSE	WATCHMAN
8.5.	15:03							David Wölter
	15:04							
	15:05							
	15:06							
	15:10	5327	5345	58°59.7 S	37°39.4 E	3.1	24	
	15:20	5327	5346	58.2	38.6	12.6	340.2	Helmut
	15:30	5321	5325	56.3	37.6	13.4	19.0	
	15:40	5323	5301	54.3	39.0	14.2	16.4	
	15:50	5326	5309	52.0	40.0	14.1	14.4	
	16:00	5329	5312	49.9	41.4	14.9	16.5	Gerd Schmidt
	16:10	5328	5304	47.6	42.7	14.9	16.5	
	16:20	5334	5301	45.4	44.2	15.2	18.2	
	16:30	5291	5300	43.1	45.6	15.2	19.4	
	16:40	5292	5267	40.8	47.1	15.0	19.3	
	16:50	5292	5271	38.6	48.5	14.8	18.1	
	17:00	5256	5240	36.3	49.8	14.6	16.9	
	17:10	5291	5268	34.1	51.3	14.9	17.7	
	17:20	5306	5295	31.8	52.6	14.5	16.6	
	17:30	5292	5294	29.6	54.0	14.6	16.4	
	17:40	5316	5301	27.3	55.4	14.4	16.8	
	17:50	5378	5329	25.2	56.9	14.7	21.2	
	18:00	5328	5318	22.8 ⁴⁴	58.5	14.6	19.7	H. Brathmann
	18:10	5323	5316	20.7	58°00.0'	14.6	17.8	"
	18:20	5302	5290	18.4	01.3	15.0	18.1	"
	18:30	5282	5220	16.1	02.7	15.1	18.9	"
	18:40	5288	5273	13.85	04.0	14.7	16.8	"
	18:50	-	5206	11.4	05.4	15.0	16.7	"
	19:00	-	5203	09.2	06.5	14.1	16.0	"
	19:10	5226	5218	07.1	07.8	14.0	18.6	"
	19:20	5232	5222	05.9	09.3	15.9	20.0	"
	19:30	5228	5219	02.6	10.8	14.3	19.3	"
	19:40	5210	5213	0.4	12.2	14.4	18.4	"
	19:50	-	5215	57°58.35	13.6	14.8	17.3	"
	20:00	-	5183	56.1	15.0	14.2	19.5	H. Schmidt
	20:20	5057	5042	51.8	17.8	14.0	20.1	"
	20:30	5114	5095	49.8	19.2	13.7	20.4	"
	20:40	5153	5138	47.6	20.5	14.3	17.3	"
	20:50	-	5196	45.6	21.9	13.5	18.9	"
	21:00	5220	5202	43.5	23.3	14.0	20.0	"



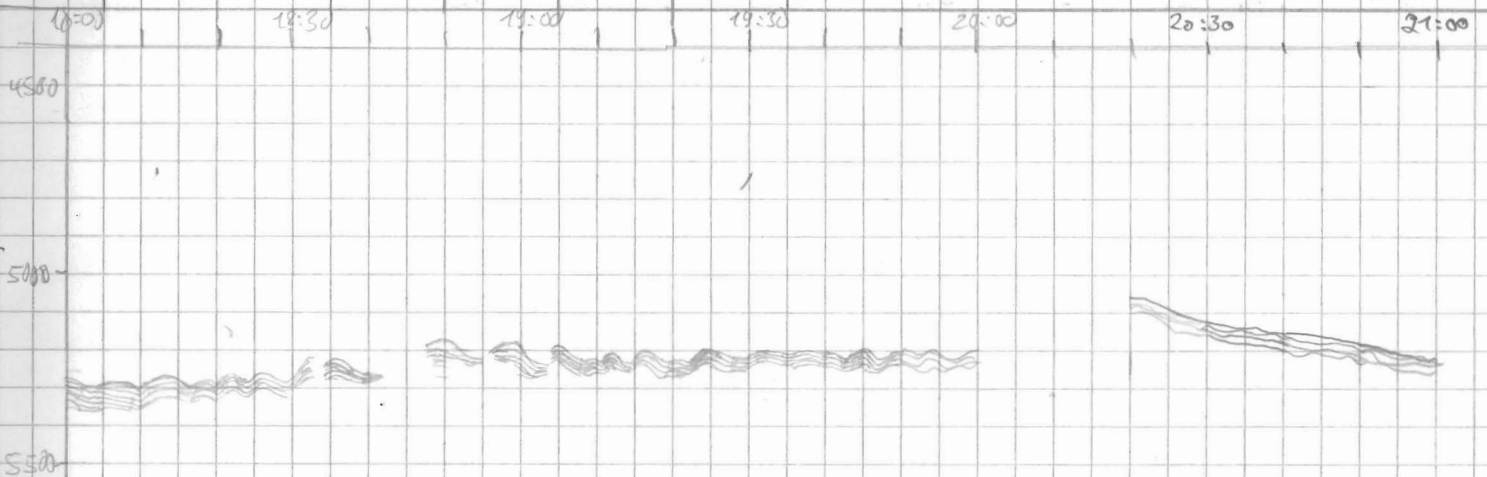
PS	f	Pulse	f	REGISTRATION			DESIGN- NOTE
				length	out	red.	
	35	8	40	266	0	0	18
	3.0	8					
	2.5	8					
	4	2					

15:07 Ende Frequenztest

16:38 Bandwechsel
156 → 157

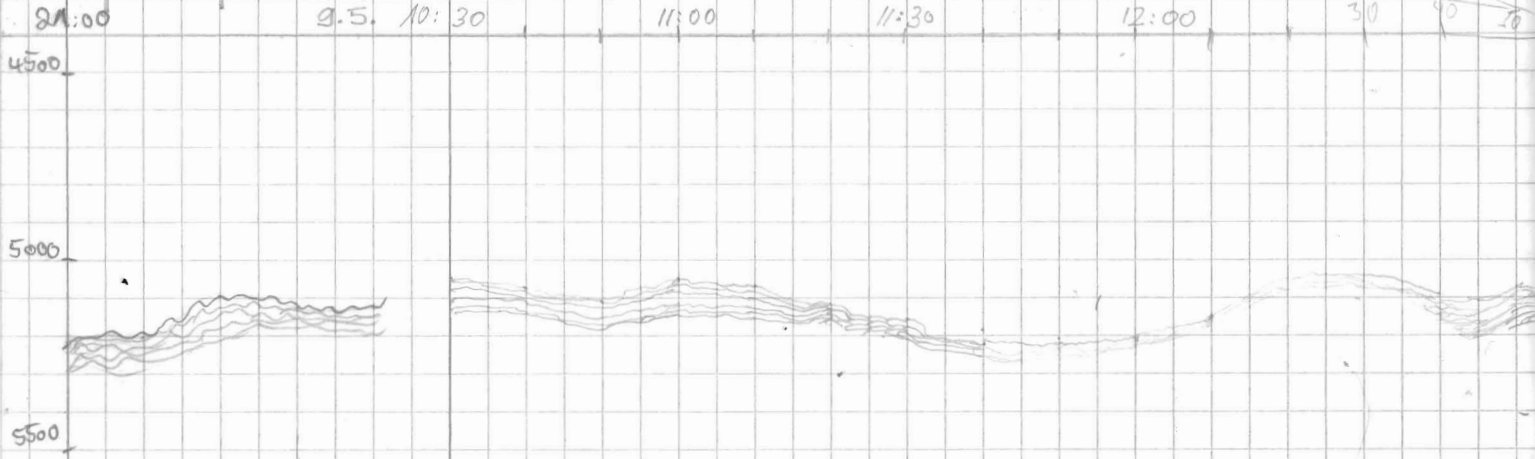
372

20:01 Uhr: Ducker (Online)
hängen geblieben
⇒ Waranstart
Bandwechsel 157 → 158



DATE	TIME	RS	HS	LAT	LONG	SPEED	COURSE	DEPP
8.5.	21:10	5222	5212	57°41.24	38°24.61	14.0	18.1	G. Müller
	21:20	-	5195	39.1	26.0	14.4	19.0	"
	21:30	5115	5097	36.6	27.6	13.2	14.5	"
	21:40	5123	5115	34.9	28.5	13.5	15.7	"
	21:50	-	5103	32.9	29.3	12.6	11.3	"
	22:00	5125	5118	31.6	29.8	1.4	15.5	Uwe Frey
	22:15							

9.5	10:30	5052	5054	59°29.0 S	38°35.8 E	4.6	312	Daniel Wöhr
	10:40	5080	5097	30.7	32.7 E	11.7	250.2	P. Borgardt
	10:50	5104	5104	30.8	31.3	10.4	295.8	
	11:00	441?	5052	29.0	31.3	13.1	19.6	
	11:10	5075	5069	27.2	32.6	12.1	21.3	
	11:20	-	5104	25.4	33.9	12.8	20.1	
	11:30	5171	5161	23.4	35.0	13.5	17.7	
	11:40	5226	5226	21.5	36.1	13.9	16.0	
	11:50	5226	5225	19.4	37.3	12.9	16.7	
	12:00	5210	5203	17.5	38.4	12.5	15.9	
	12:10	5162	5102	15.5	39.5	13.4	17	F. Jüwel
	12:20	5061	5057	13.7	40.5	12.3	16	
	12:30							
	12:40	5099	5095	10.0	42.8	12.2	14	
	12:50	5087	5020	8.0	43.9	13.9	16.7	
	13:00	5090	5099	5.9	45.1	13.1	13.7	
	13:10	5077	5078	4.0	46.1	13	16	
	13:20	4987	4985	2.1	47.3	11.8	18.6	
	13:30	-	4970	56 59.9	38 48.7	13.4	18.5	
	13:40	4894	4970	58.1	49.8	12.6	15.8	
	13:50	-	4903	56.1	50.9	12.7	19.2	
	14:00	-	4840	54.2	52.1	13.7	18.3	SANDRA KLOFF
	14:10	-	4771.0	52.1	53.0	12.2	19.4	
	14:20	4787	4873	50.1	54.4	12.4	19.3	
	14:30	4147	4953	48.2	55.5	12.2	17.2	
	14:40	-	5027	46.4	56.6	12.3	17.1	
	14:50	-	5099	44.6	57.6	12.4	16.5	
	15:00							
	15:10	4447.0	5134	40.4	39° 00.1	12.9	16.8	
	15:20	4451	5156	38.7	00.9	12.5	14.2	



REGISTRATION

PS f	PS PULSE	f	REG-F	WAIT	REDUCT.	DESO ROLLE
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-18

55	8	40	372	30 sec 60	0	
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Licht Station

lange Station, hoher Seegang daher Speicherung = off

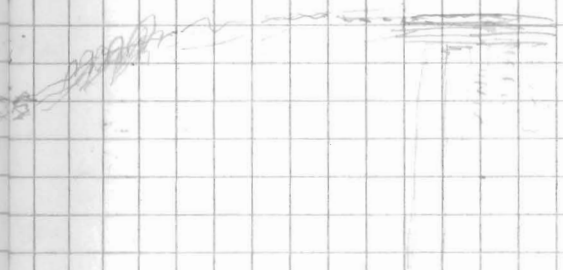
4	2	40	348	0	0	18
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10:30 Spindel am (appart to tape 158) Bernd fummelt am Gerät!

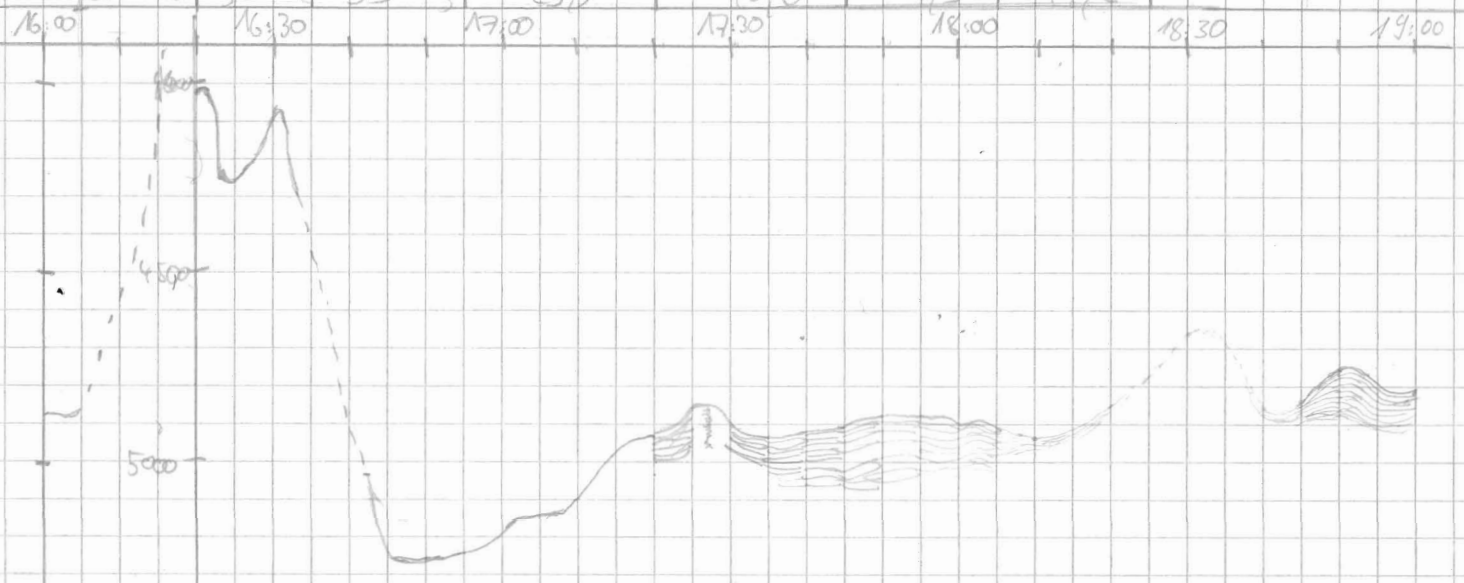
Bandwechsel 12:30 158 -> 159

15:10 Drucker hängt; deshalb Programm getoppt - ruftent 5min

1390 1330 1400 1430 15.06 16.06



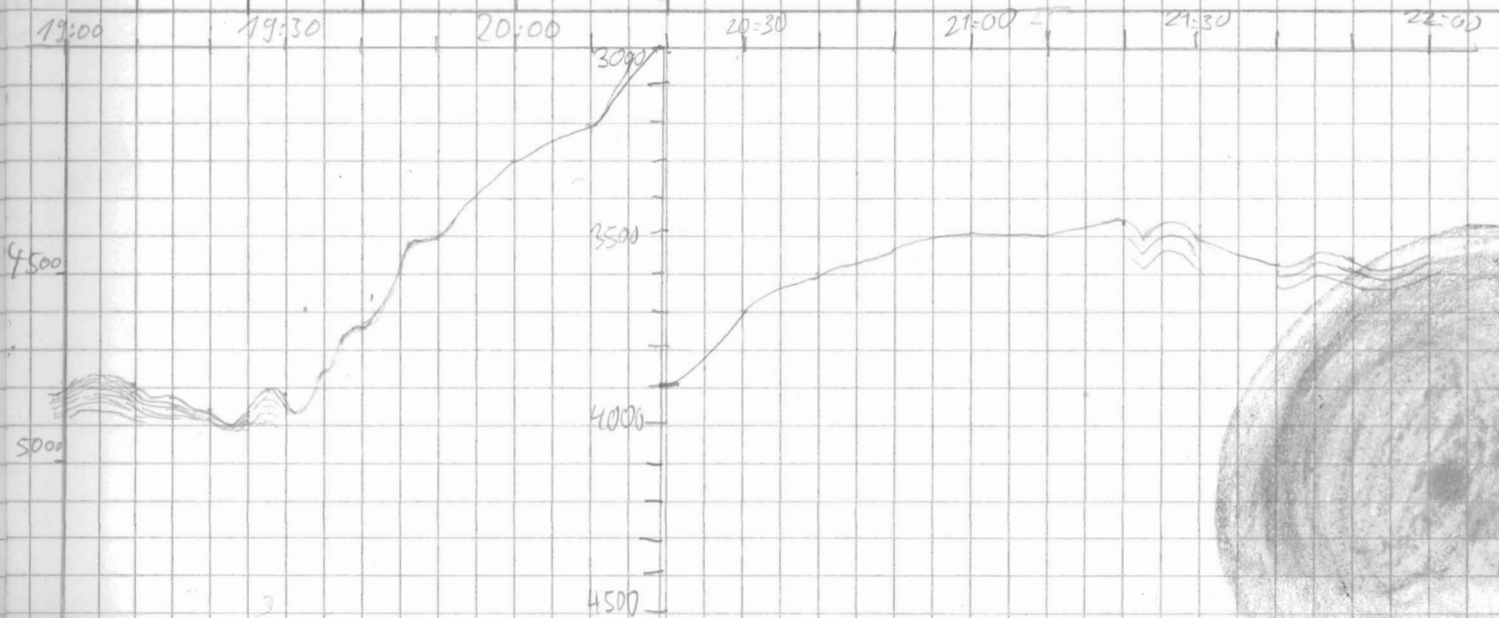
DATE	TIME	PS	HS	LAT	LONG	SPEED	COURSE	
9-5	15:30	4443	5168	56°36,9	39°02,1 E	12,4	18,5	SANDRA ROSE
	15:40	4448	5295	34,9	03,2	14,8	15,5	
	15:50	4797	5352	32,9	04,4	12,6	15,9	
	16:00	4799	5367	31,2	05,4	11,2	19,6	HELMET
	16:10	4452	4744	29,1	06,6	12,7	16,9	
	16:20	3941	4088	27,4	07,6	12,7	17,9	
	16:30	-	4072	25,4	08,4	12,5	14,5	
	16:40	-	4922	23,5	09,7	12,5	19,9	
	16:50	4441	5241	21,1	10,8	13,2	16,6	
	17:00	4445	5247	19,6	12,0	11,8	20,8	
	17:10	4444	5111	17,7	13,2	12,3	19,3	
	17:20	4452	4940	15,6	14,3	13,6	17,1	
	17:30	4138	4906	13,7	15,4	12,0	16,5	
	17:40	4144	4937	11,8	16,5	12,3	18,8	
	17:50	4160	4884	09,7	17,6	13,0	20,9	
	18:00	4160	4905	07,8	18,8	9,5	20,1	Greidell
	18:10	4928	4935	06,6	19,7	10,2	18,7	
	18:20	4845	4841	04,9	20,6	10,6	15,5	
	18:30	4657	4725	03,4	21,5	9,6	14,8	
	18:40	4851	4845	02,0	22,3	7,1	19,9	
	18:50	4763	4772	00,6	23,1	11,7	13,8	
	19:00	4810	4809	55°58,8	39°23,9	11,0	15,3	
	19:10	-	4780	57,2	24,7	10,7	15,2	
	19:20	-	4866	55,5	25,5	10,4	11,3	
	19:30	-	4871	53,4	26,3	9,1	15,7	
	19:40	4650	4625	52,2	27,2	11,2	17,3	
	19:50	4415	4368	50,5	28,2	10,4	18,2	
	20:00	-	4215	48,8	29,2	10,6	18,6	M. Brakner
	20:10	-	4119	47,0	30,2	11,6	13,7	"
	20:20	3913	3913	45,1	31,3	11,9	19,5	"
	20:30	3869	3762	43,5	32,2	9,9	22,8	"
	20:40	-	3629	42,0	33,1	10,1	18,4	"
	20:50	-	3555	40,3	34,1	11,2	18,3	"
	21:00	-	3551	38,6	35,1	10,5	16,7	"
	21:10	-	3514	36,9	36,1	11,1	21	"
	21:20	3467	3428	35,1	37,1	11,9	17	"
	21:30	-	3500	33,2	38,1	11,8	15,4	"
	21:40	3578	3533	31,6	39,1	10,5	16,1	"
	21:50	3574	3533	29,9	40,0	11,9	17,5	"



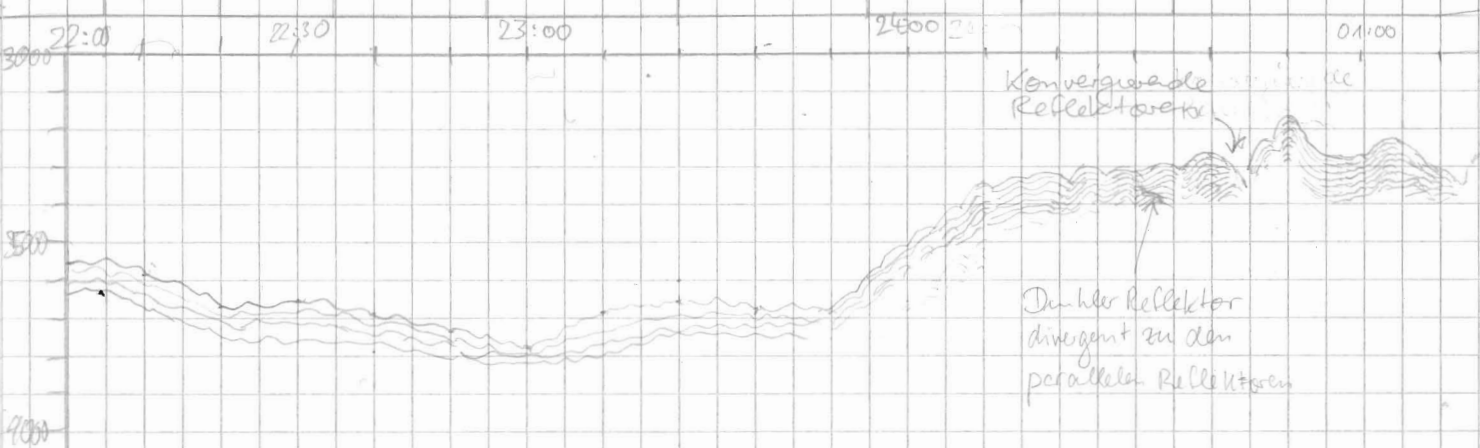
PS f	PULSE	f	REG-E	WAIT	REDUCT	RESO ROLCE
4	4	40	372	0	0	

16:10 Bandwechsel 159 → 160

19:45 Bandwechsel 160 → 161



DATE	Time	PS	HS	Latitude	Longitude	Speed	Course	Armes Schwein
9.5.	22:00	3596	3558	55°28'1	38°41'1	10,9	20,4	W. Müdels
	22:10	3627	3598	26'6	42'2	12,0	15,2	"
	22:20	-	3679	24'5	43'2	11,3	21,5	"
	22:30	3669	3647	22'9	44'3	11,7	18,8	"
	22:40	-	3698	21'1	45'3	11,8	18,2	"
	22:50	-	3719	19'4	46'3	10,9	19,3	"
	23:00	3780	3747	17'7	47'3	9,9	13,5	"
	23:10	3690	3672	15'8	48'1	11,7	13,5	"
	23:20	-	3600	14'0	49'0	11,5	13,4	"
	23:30	3549	3542	12'4	49'8	11,6	12,9	"
	23:40	3588	3581	10'6	50'6	11,8	14,6	"
	23:50	-	3578	8'8	51'5	11,4	16,5	"
10.5.	24:00	3481	3474	7'0 S	52'3 E	11,3	15,9	Dand Völker
	00:10	3387	3382	04,9 S	53,3 E	12,0	14,4	"
	00:20	3368	3348	03,6 S	53,8 E	11,9	14,0	"
	00:30	3331	3313	01,9 S	54,7 E	11,9	12,0	"
	00:40	3261	3239	00,1 S	55,6 E	12,3	17,2	"
	00:50	3203	3183	54°58,4 S	56,5 E	12,1	16,6	"
	01:00	3263	3237	56,8 S	57,4 E	12,0	17,9	"
	01:10	-	3310	54,9 S	58,4 E	11,6	16,3	"
	01:20	-	3295	53,2 S	59,3 E	11,2	19,8	"
	01:30	3216	3175	51,4 S	40° 00,2 E	11,8	18,7	"
	01:40	3145	3118	49,7 S	01,2 E	11,2	18,0	"
	01:50	3069	3073	48,0 S	02,1 E	11,6	18,8	"
	02:00	3046	3023	46,3 S	03,0 E	9,6	17,0	"
	02:10	3115	3100	44,7 S	03,8 E	10,4	16,0	"
	02:20	3005	2987	42,9 S	04,7 E	11,1	20,5	"
	02:30	2943	2909	41,1 S	05,8 E	11,7	16,6	"
	02:40	2877	2855	39,3 S	06,7 E	12,0	18,9	"
	02:50	2829	2807	37,6 S	07,6 E	11,8	16,4	"
	03:00	2812	2786	35,9 S	08,6 E	12,2	16,6	"
	03:10	2829	2809	33,8 S	09,7 E	12,0	14,4	"
	03:20	2834	2809	32,3 S	10,5 E	12,3	16,2	"
	03:30	2824	2800	31,0 S	10,5 E	8,9	273,2	"
	03:40	2856	2837	31,1 S	07,8 E	9,8	274,0	"
	03:50	2887	2859	31,2 S	04,3 E	9,2	270,0	"
	04:00	2813	2883	31,4	2,6	9,1	272	"



REGISTRATION

PS Frequ.	PS Pulse	f	Reg.-p.	Wait	Reduct	Deso- Rolle	Remarks
4	4	40	372	0	0	18	

01:00 Der Hang steigt langsam an
ist jedoch unterbrochen von
trogartigen Mulden.

02:52 Badwechsel 162 → 163

03:25 Kurswechsel

01:10

02:00

03:00

04:00

2500

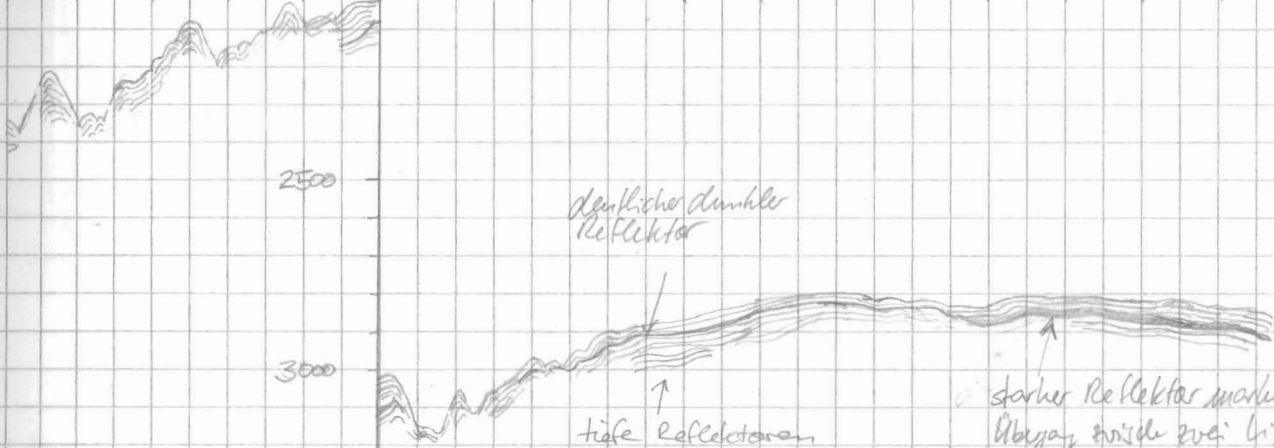
3000

deutliche dunkle
Reflektoren

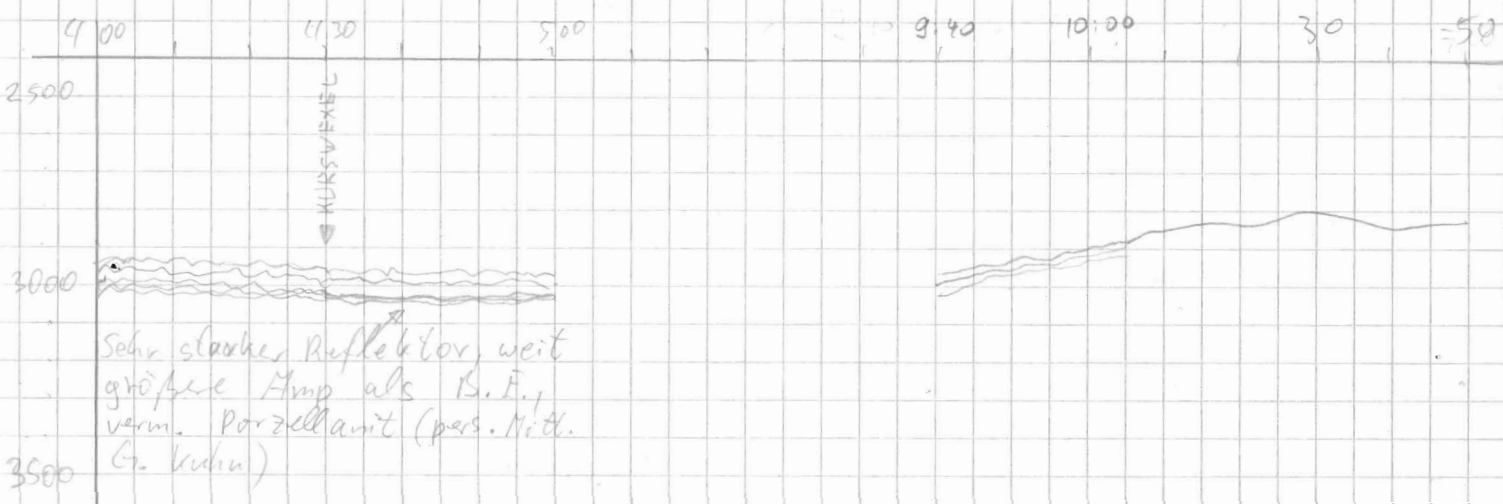
↑
tiefe Reflektoren

Zeigen z.T. Unregelmäßig-
keit laut zu hangenden
Reflektoren.

↑
starker Reflektor markiert die
Abgrenzung zw. zwei Lithologien



Date	Time	PS [m]	Depth AS [m]	Lat [°]	Pos [°]	Lon [°]	Speed	Course	Watch
10.5	4:10	2934	2908	54°	31.4 S	38°53.8 E	8.1	272	Bernol Gasse
	4:20	2848	2923		31.4	57.2	8.2	275	
	4:30	2958	2705		31.3	54.5	8.5	273	
	4:40	2975	2850		32.9	54.3	12.4	180	
	5:00	2989	2961		36.8	54.2	12.4	182	
	5:10	3002	2966		38.9	54.1	12.1	180	
	5:20	3011	2980		40.2	55.1	12.0	92	
	5:30	2999	2971		39.8	55.9	9.5	203	
	5:45	3012	2988		39.3	54.3	1.1	60	
	9:40		2956	54°	39.6 S	39° 59.1 E	6.4	75	10 Spie / 7
	9:50	2955	2951		39.8	40° 01.9 E	12.9	104	
	10:00	2929	2888		40.3	05.4 E	13.1	105	
	10:10	2868	2837		40.46	08.7	12.0	90.5	H. Rudow
	10:20	2830	2806		40.53	12.15	12.7	93.4	
	10:30	2802	2770		40.58	15.57	12.8	90.3	
	10:40	2831	2738		40.64	19.10	12.2	90.1	
	10:50	2822	2790		40.61	22.67	13.9	83.9	
	11:00	2878	2848		40.56	26.77	12.6	92.2	
	11:10	✓	2993		40.38	29.56	12.5	85.9	
	11:20	✓	3030		40.27	33.00	11.8	87.7	
	11:30	3001	2989		40.25	36.61	13.3	87.6	
	11:40	2999	2972		40.13	39.99	12.3	88.3	
	11:50	3086	3066		40.03	43.38	12.0	90	
	12:00	3082	3048		40.70	47.04	12.4	90.4	
	12:10	3125	3091		40.11	50.63	12.2	90.0	A. Borgardt
	12:20	-	3149		40.14	54.12	12.1	86.6	
	12:30	3241	3208		40.03	57.95	12.0	89.2	
	12:40	3300	3267		39.54	41°00.14	8.9	8.5	
	12:50	3327	3294		38.06	00.23	8.6	359.6	
	13:00	3281	3262		36.67	00.18	8.7	358.2	
	13:10	3300	3275		33.35	00.15	8.9	357.2	
	13:20	3281	3271		34.0	00.0	8.8	3.6	
	13:30	3304	3288		32.7	00.1	9.1	359.9	
	13:40	3267	3257		32.0	40°58.7	8.3	263.0	
	13:50	3200	3185		32.1	56.5	7.8	266.0	
	14:00	3182	3158		32.2	54.2	7.5	270.0	



PS-Frequ. [kHz]	PS- Pulse	Reg-F. kHz	Reg-Len [ms]	Weit [s]	Porta Real %	Deso Rolle
4	4	40	372	0	0	18

Kurswechsel n. Süd 9:30

2

Kurswechsel n. Ost 5:15
 Kurswechsel WNW 5:25
 5:35 Strahlrunder
 5:45 Stop

5.5	4			60.0		
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4.0	2	40	372	0	0	18
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Stationsende

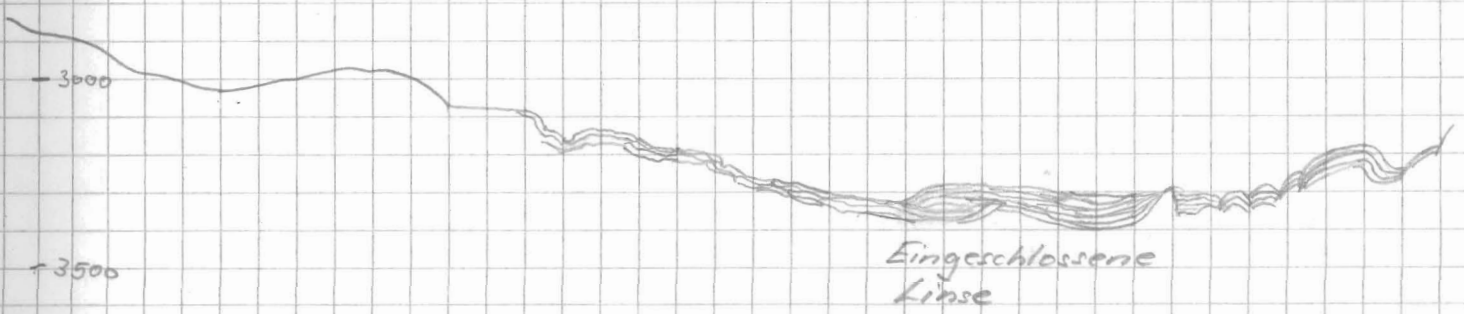
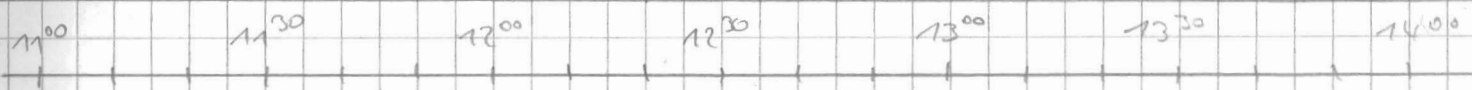
266

10¹¹ Bandwechsel
 Bine zurück ins cis !!!

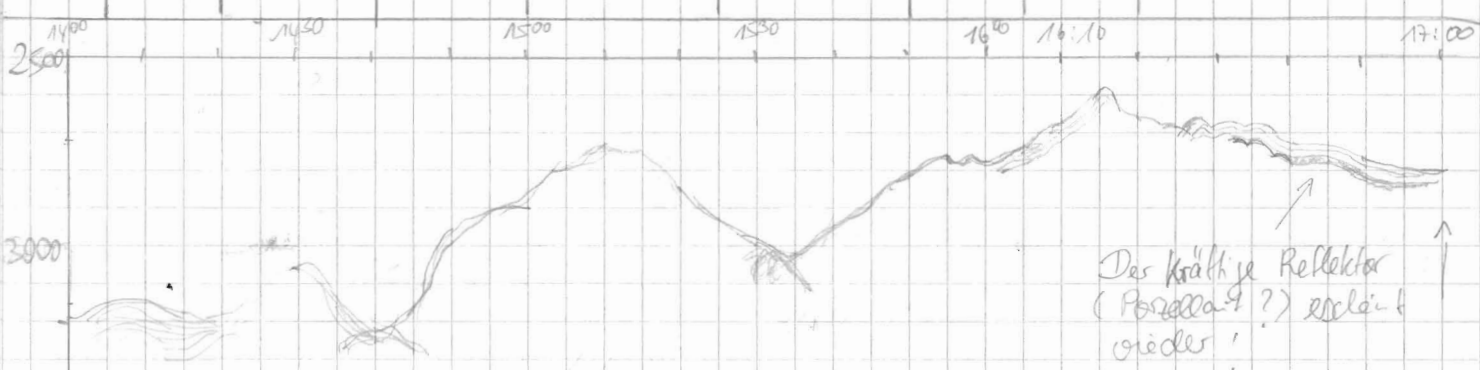
4.0	2	40	266	0	0	18
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Kurs auf N

Kurs auf W



Date	Time	PS [m]	HS [m]	Lat [°]	Lon [°]	Speed [km]	Course [°]	Grote/prickel	
10.5	14:10	3176	3165	54 32,0	40 52,0	9,1	278	Frank Zwin	
	14:20	3132	3116	54 31,8	40 49,9	8,8	277		
	14:30	-	3072	31,8	47,5	8,8	271		
	14:40	-	3130	31,81	45,0	8,3	267		
	14:50	2968	2945	31,79	42,6	8,8	271		
	15:00	2923	2895	31,71	40,4	8,2	275		
	15:10	-	2918	31,66	38,0	9,2	275		
	15:20	-	2876	31,57	35,7	8,6	268		
	15:30	3027	2009	31,55	33,3	9,0	270		
	15:40	2940	2925	31,56	31,0	9,3	268		
	15:50	2850	2831	31,56	28,6	10,1	273		
	16:00	2796	2785	31,5	26,0	7,8	271		
	16:10	2672	2656	31,5	23,6	10,0	272		DINO VÖLKER
	16:20	2646	2633	31,4	21,1	9,2	264		
	16:30	2681	2668	31,4	18,7	9,3	270		
	16:40	2728	2714	31,4	16,1	9,0	273		
	16:50	2765	2743	31,3	13,8	8,4	273	SANDRA KLOFF	
	17:00	2816	2793	31,1	11,2	5,7	15		
	17:10	2800	2777	29,9	11,9	9,6	20,5		
	17:20	2790	2768	28,7	12,6	8,1	28,9		
	17:30	2775	2744,0	26,7	13,2	9,1	18,8		
	17:40	2753	2717	26,0	14,1	9,1	18,8		
	17:50	2700	2732	24,4	14,9	9,1	17,8		
	18:00	2719	2690	23,0	15,6	11,0	15,8		HELMET
	18:10	2708	2680	21,5	16,2	9,6	13,3		
	18:20	2685	2666	20,0	17,0	10,8	18,2		
	18:30	2670	2652	18,6	17,9	9,7	21,2		
	18:40	2652	2630	17,1	18,7	7,8	13,0		
	18:50	-	2622	15,7	19,4	10,1	18,4		
	18:60	2636	2609	14,2	20,2	9,2	15,9		
	18:70	2612	2579	12,7	21,0	9,1	20,6		
	18:80	2545	2518	11,3	21,8	9,2	23,3		
	18:90	2487	2462	09,8	22,6	10,6	17,1		
	18:100	2496	2467	08,4	23,3	10,4	16,7		
	18:110	2482	2458	06,8	24,0	10,2	16,4		
	18:120								



Mensch Du? Nein Parasouder!

-Kursverlauf

PS Frequenz [kHz]	PS Pulse	Reg-Freq [kHz]	Reg Len [ms]	Wait [s]	Reduct	Deso Rolle
4.0	4	40	266	0	0	18

Tape gewechselt
164 → 165
1527 Rollenwechsel

19

17:00 WP endet
Kurswechsel auf
N



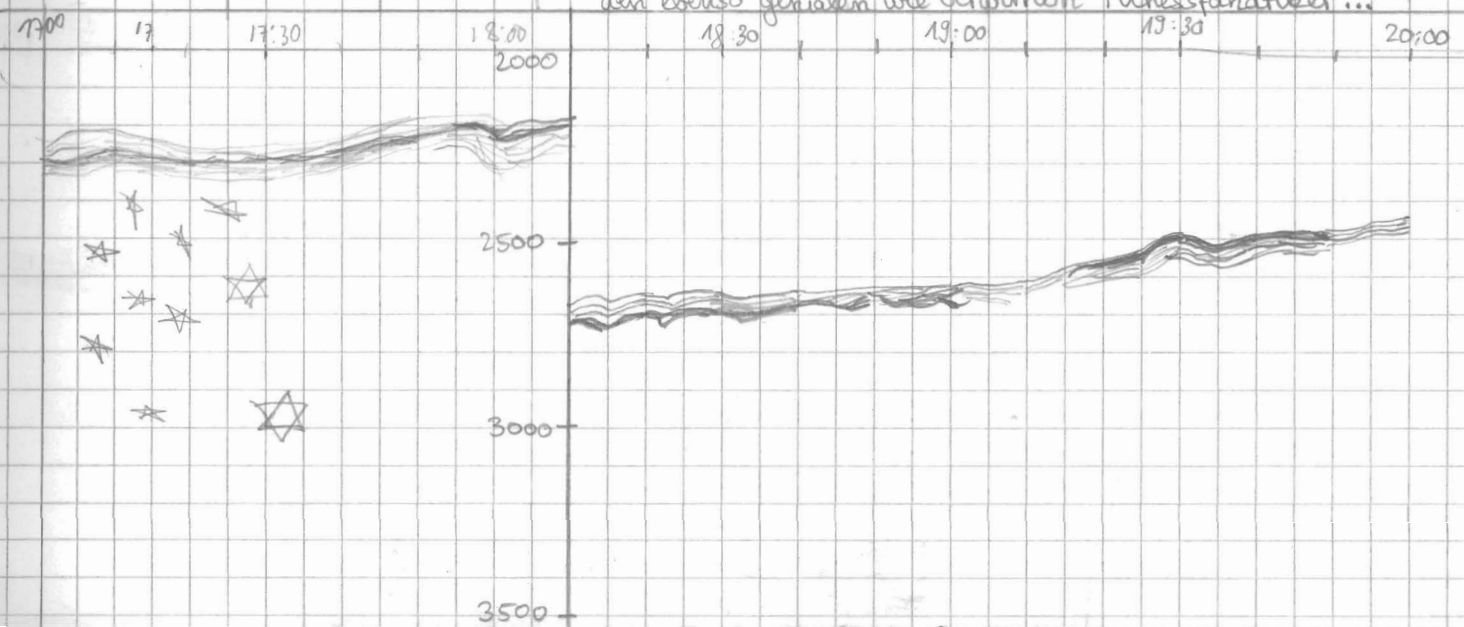
HORROR

- ← Eine neue Liche
- ← Verwandlung
- ← steht bevor

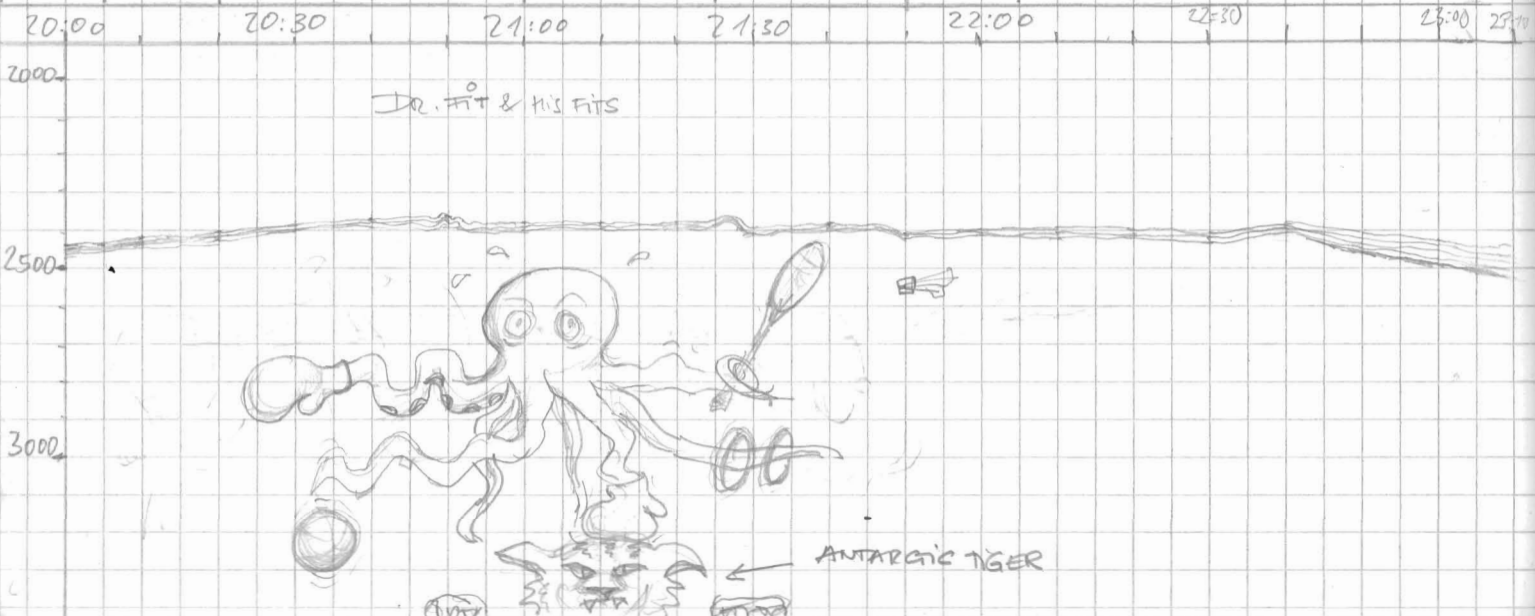
Verwandelt sich Dr. Squid nun
etwa in den berühmtesten
"Dr. Fit"

at 19:45
Bandwechsel
165 → 166

den ebenso genialen wie verwirren Fitnessfanatiker...



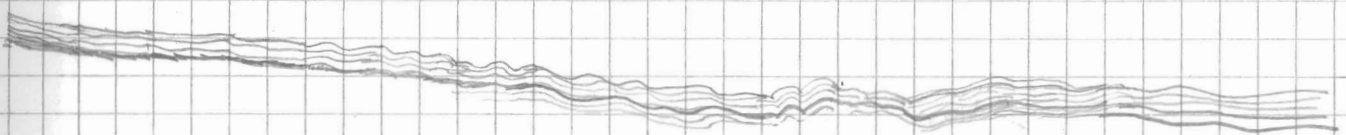
A.D.	Time [UTC]	PS [m]	HS [m]	Lat. [deg]	Lon [deg]	Speed	Course	Zwangsarbeiter
10.5.	20:00	2440	2417	54°05,2'S	40°24,8'E	10,0	15,7	Geshard Schwiidl
	20:10	2417	2390	03,6'S	25,5'E	10,5	15,4	
	20:20	2402	2380	02,0'S	26,3'E	10,4	16,4	
	20:30	2385	2364	00,5	27,1'	11,2	15,8	
	20:40	2379	2360	58,8'	27,9'	10,7	16,3	
	20:50	2374	2351	57,1'	28,7'	11,5	15,8	
	21:00	2380	2360	55,5'	29,5	11,2	16,9	
	21:10	2384	2364	53,8	30,3'	7,5	17,0	
	21:20	2378	2358	52,9'	30,9'	8,2	19,9	
	21:30	2389	2372	51,9	31,4'	8,0	19,0	
	21:40	2391	2373	50,7	32,1'	7,8	17,8	
	21:50	2408	2389	49,7'	32,7'	7,2	15,8	
	22:00	2408	2392	53°48,6	33,2	8,2	18,8	K. Bruchhauer
	22:10	2410	2390	47,3	33,9	10,8	17,6	"
	22:20	2411	2393	45,7	34,7	10,5	17,8	"
	22:30	2403	2378	44,2	35,3	10,6	18,3	"
	22:40	2395	2369	42,6	36,2	10,7	15,5	"
	22:50	2403	2383	41,0	37,0	11,5	16,4	"
	23:00	2415	2398	39,4	37,9	11,3	14,8	"
	23:10	2428	2412	37,7	38,7	11,1	18,1	"
	23:20	2449	2428	36,0	39,6	11,1	15,6	"
	23:30	2464	2453	34,2	40,5	11,1	19,6	"
	23:40	2487	2476	32,8	41,4	11,8	18,4	"
	23:50	2518	2511	31,1	42,4	10,8	19,1	"
11.05	00:00	2545	2540	28,7	43,7	11,3	17,2	David Völker
	00:10	2567	2562	27,0	44,7	11,7	15,3	
	00:20	2579	2567	26,0	45,1	11,5	16,2	
	00:30	2598	2586	24,4	45,9	11,4	16,2	
	00:40	2636	2612	22,7	46,8	11,3	17,4	
	00:50	2637	2617	21,1	47,6	10,9	16,1	
	01:00	2622	2593	19,4	48,5	11,0	16,5	
	01:10	2581	2549	17,7	49,3	11,1	15,9	
	01:20	2577	2543	15,8	50,3	11,1	17,1	
	01:30	2565	2539	14,4	51,0	11,4	16,3	
	01:40	2585	2561	12,7	51,9	11,2	15,8	
	01:50	2584	2559	11,0	52,7	11,3	16,1	
	02:00	2584	2561	11,4	53,5	11,5	16,0	



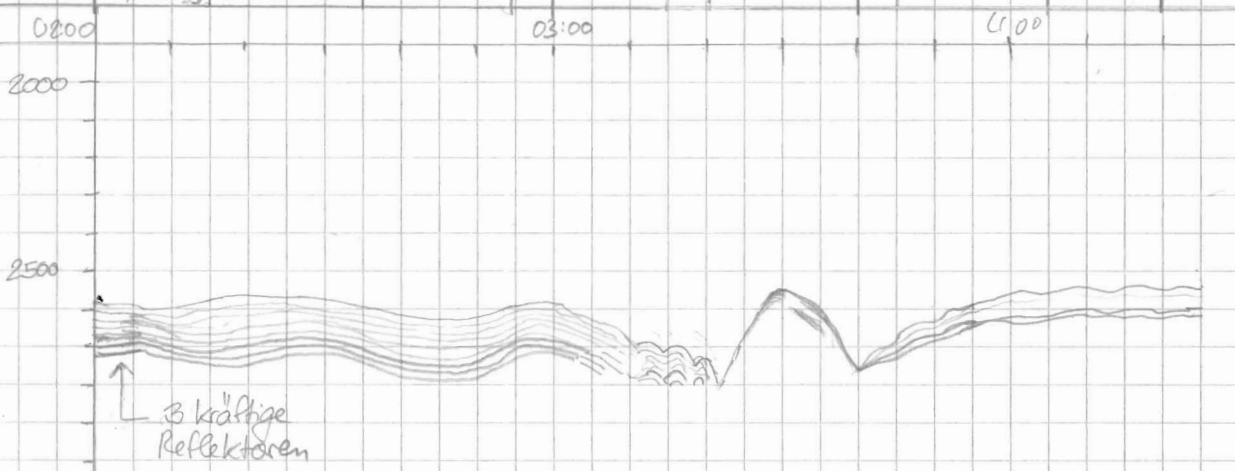
PS-Frequenz	PS-Pulse	Reg-Freq.	Reg Len	Wait	Reduct.	DESO ROLL	Wat is 212 NIX LOS
4.0	2	40	266	0	0	19	

00:46 Badwechsel
#166 → 167

23:10 23:30 24:00 01:00 02:00



DATE (UTC)	TIME (UTC)	FS [m]	HS [m]	LAT [°]	LONG [°]	SPEED [kn]	KOAS [°]	LASERMAN	
11.5	02:16	2571	2572	53° 08.6 S	40° 51.8 E	10.6	266	DAVE	
	02:20	2586	2559	08.9 S	49.4 E	10.1	265		
	02:30	2581	2562	09.1 S	46.6 E	10.3	269		
	02:40	2533	2526	09.1 S	43.9 E	10.2	270		
	03:00	-	2565	09.2 S	39.1 E	10.4	240		
	03:10	2665	2646	11.5 S	37.2 E	12.0	209		
	03:20	2747	2726	12.9 S	35.9 E	12.2	209		
	3:30	2573	2555	14.5	35.0	8.4	101		Bernad Laser
	3:40	-	2693	14.5	38.3	11.9	91		
	3:50	2646	2631	14.5	41.6	11.8	91		
	4:00	2604	2589	14.5	45.0	11.8	92		
	4:10	2577	2554	14.5	48.1	8.4	91		
	4:20	2570	2541	14.5	49.9	7.5	97		
	4:30	2567	2535	14.3	51.2	1.1	69		
	13:32								
	13:34								
	13:36								
	13:38								
	13:40								
	13:42								
	13:44								
	13:46								
	13:48								
	13:54								
	13:56								
	13:58								
	14:00								
	14:02								
	14:04								
	14:06								
	14:07								
	14:08								
	14:09								
	14:10								
	14:11								
	14:12								
	14:13								



FS f [kHz]	FS Pulse	Rej - Freq. [kHz]	Rej L [m]	Wart	Reduct	Dso
4	2	40	266	0	0	19
5.5	4					
4	2	40	266	0	0	19
3.5	1					
3.0	1					
4.5	1					
4.0	1					
3.5	1					
3.0	1					
2.5	1					
2.5	4					
3.0	4					
3.5	4					
4.0	4					
4.5	4					
5.0	4					
5.5	4					
5.5	8					
5.0	8					
4.5	8					
4.0	8					
3.5	8					
3.0	8					
2.5	8					
4.0	2					

02:05 Drehung auf E-Kurs

03:00 Kurswechsel

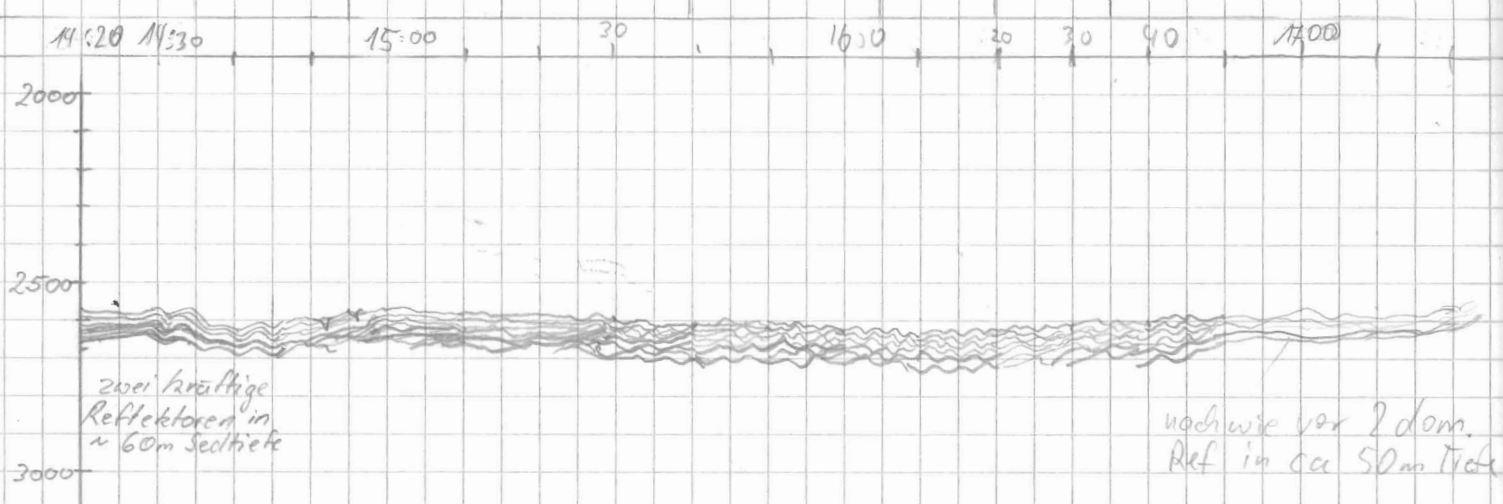
4:15 Strahlrunder? Much more noise?
KLF on

Station

Beginn Frequenztest 13:32

14:05 Kurswechsel 167 → 168

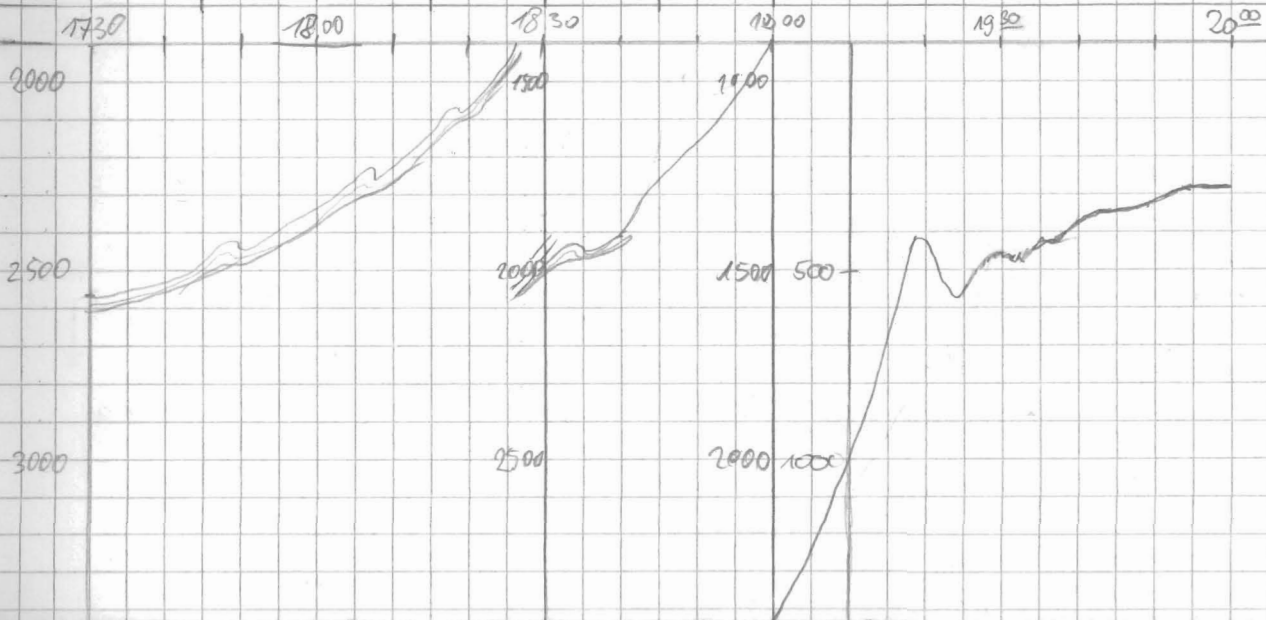
	UTC	PS	HS	LAT	LONG	SPEED	COURSE	BEOBACHTER
11.5	14:20	2574	2550	53°13.9 S	40°15.1 E	11.8	91.2	David
	14:30	2580	2554	14.0	53.7	12.3	92.8	Andreas
	14:40	2594	2568	13.1	55.5	10.8	20.8	
	14:50	2574	2554	11.2	54.4	11.3	18.6	
	15:00	2576	2548	9.7	57.2	10.2	20	Frank Düwel
	15:10	2587	2558	8.8	56.4	8.9	27300	
	15:20	2588	2563	8.7	54.1	8.4	12.8	
	15:30	2605	2581	7.0	54.9	11.1	20.5	
	15:40	2613	2585	5.3	55.7	11	16.7	
	15:50	2623	2600	3.6	56.5	11.8	14.5	
	16:00	2623	2605	1.7	57.5	11.9	17	
	16:10	2642	2620	0.1	58.4	11.8	18	
	16:20	2617	2599	52 58.3	59.3	11.5	17.2	
	16:30	2614	2594	56.5	49 0.3	12.1	17.7	
	16:40	2607	2587	54.9	01.1	10.5	16.9	
	16:50	2596	2576	53.2	1.9	11.3	14.6	
	17:00	2583	2564	51.5	2.8	11.4	16.0	Bernad
	17:10	2545	2528	48.6	4.2	10.8	17.3	
	17:20	2538	2519	48.2	4.4	11.3	16.6	
	17:30	2498	2486	46.6	5.3	10.8	15.4	
	17:40	2419	2404	44.9	6.1	11.4	15.1	
	17:50	2296	2289	43.2	6.9	10.7	15.2	
	18:00	2198	2181	41.7	7.7	11.1	16.1	
	18:10	2111	2093	40.0	8.6	11.3	17.9	
	18:20	2049	2033	38.2	9.4	11.2	16.8	
	18:30	-	1929	36.8	10.1	10.4	15.6	
	18:40	-	1806	35.1	11.0	11.4	17.2	
	18:50	-	1560	33.4	11.8	11.2	15.5	
	19:00	-	1207	31.7	12.7	10.7	17.0	
	19:10	736	730	30.0	13.5	11.0	18.4	
	19:20	457	443	28.4	14.3	9.8	19.2	
	19:30	445	437	26.7	15.2	10.5	20.2	
	19:40	385	378	25.0	16.0	10.0	17.7	
	19:50	321	315	23.4	17.0	9.8	15.9	
	20:00	293	284	21.7	17.7	9.6	16.8	



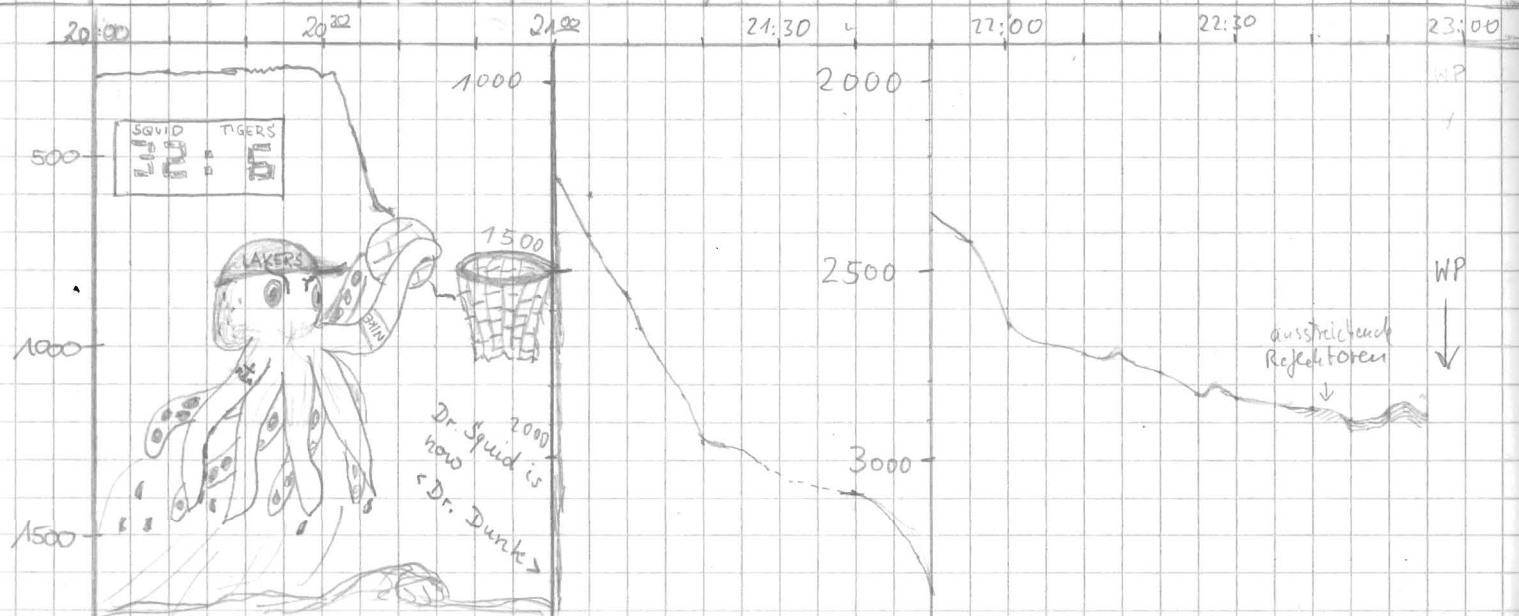
PS		Reg.				
5	Phase	5	Length	Lat	Radial	DESO
4	2	40	266	0	0	13

Com - Fo

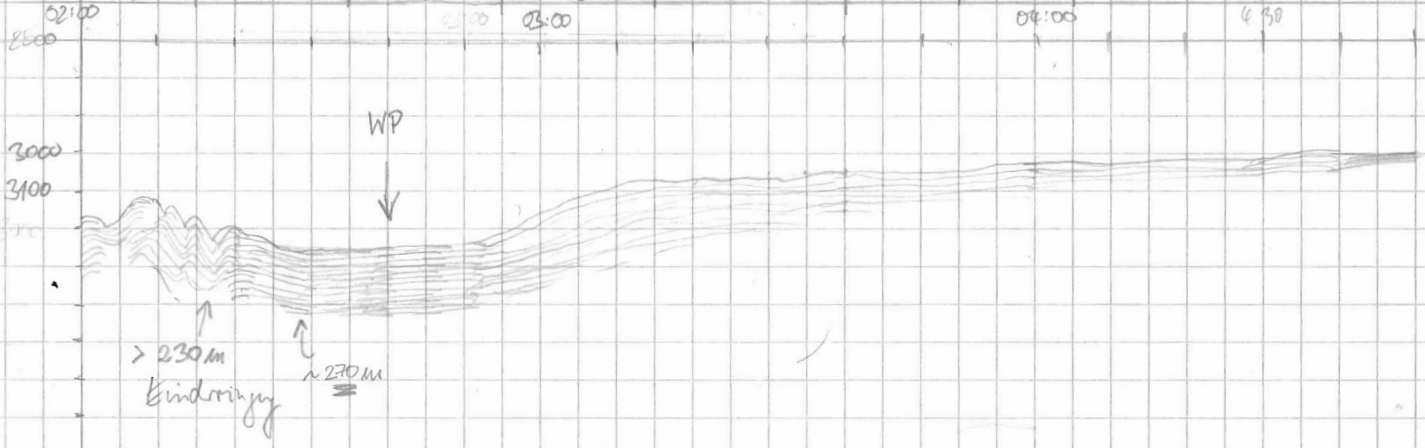
Parasound-Tiefenbestimmung weg trotz Range
 5000 m
 18:45 Range 2000 m
 19:06 Range 1000 mäter
 19:13 Bandwechsel 168 → 169
 19:18 Range 500 m
 19:21 Range 1000 m



Date UTC	Time UTC	PS-Depth [m]	HS-Depth [m]	Position		Speed [kn]	Course [°]	Watch
				Lat [°]	Lon [°]			
M.5.	20:10	282	277	52° 20.0' S	41° 18.6' E	10.0	18.3	
	20:20	270	264	18.3	18.3	9.8	17.8	
	20:30	262	251	16.7	20.1	9.8	14.9	
	20:40	656	622	15.0	20.9	9.2	20.2	
	20:50	888	868	13.3	21.7	10.4	16.5	
	21:00	-	1255	11.2	22.6	11.4	15.2	Gredl Skinned
	21:10	1546	1527	09.8	23.3	11.6	16.3	
	21:20	1939	1893	08.2	24.1	11.7	14.7	
	21:30	-	-	-	-	-	-	
	21:40	2080	2048	04.7	25.9	11.0	18.5	
	21:50	2354	2318	03.1	26.7	10.8	16.8	
	22:00	2635	2588	01.3	27.5	11.4	17.6	
	22:10	2708	2665	51° 59.5	28.5	11.9	18.7	
	22:20	2771	2736	57.8	29.4	11.5	18.7	
	22:30	2828	2784	56.0	30.3	11.6	17.5	
	22:40	2861	2822	54.3	31.2	11.7	17.6	
	22:50	2880	2843	52.6	32.1	11.5	18.3	
	23:00	2885	2854	50.9	33.8	11.0	12.2	David Völker
	23:10	2868	2831	51.9	35.9	12.0	12.7	
	23:20	2832	2790	53.2	38.5	12.2	12.9	
	23:30	2792	2757	53.5	40.5	11.4	11.4	
	23:40	2784	2751	51.6	41.2	11.5	12.2	
	23:50	2798	2765	49.8	41.8	11.7	12.1	
12.5	00:00	2832	2799	48.0	42.8	11.8	18.6	
	00:10	2860	2836	46.2	43.7	11.6	15.6	
	00:20	2895	2870	43.7	44.7	11.8	15.1	
	00:30	2924	2890	42.4	45.2	11.9	17.1	
	00:40	2964	2926	39.6	46.7	11.6	19.1	
	00:50	2937	2908	38.8	47.0	12.0	16.3	
	01:00	2944	2915	36.9	47.8	11.9	16.9	
	01:15	3002	2976	34.1	49.1	11.9	15.3	
	01:30	3068	3048	31.6	50.2	11.8	14.5	
	01:40	3094	3072	29.9	50.4	8.3	274.0	
	01:50	3096	3070	29.9	48.2	9.7	270	



DATE	TIME	FS	HS	POSITION		DIRECTION	SPEED	COURSE	REASON
				LAT	LONG				
UTC	UTC	[m]	[m]	[°]	[°]		[km]	[°]	[°]
12.5	02:00	3111	3085	51° 29.9 S	41° 45.5 E	E	9.4	275	David (-160)
	02:10	3123	3097	29.9 S	42.9	E	10.5	271	low score
	02:20	3119	3085	29.9 S	40.3	E	8.8	270	
	02:40	3133	3108	30.0 S	35.2	E	9.2	250	
	02:50	3123	3098	31.3 S	34.2	E	10.3	199	
	03:00	-	3090	32.9 S	33.6	E	10.8	193	
	8:10	3080	3078	35.6	32.4		11.0	200	Bernad (Rookie)
	8:20	3080	3068	37.6	31.2		10.8	200	
	8:30	3073	3059	38.4	30.3		11.0	186	
	8:40	3068	3030	39.7	30.7		11.7	187	
	8:50	3068	3058	41.5	29.3		11.1	187	
	9:00	3048	3031	43.2	28.9		10.8	187	
	4:10	3050	3023	44.9	27.5		11.5	138	
	4:20	3038	3011	46.7	26.6		11.2	138	
	4:30	3021	3000	48.4	25.8		10.8	138	
	4:40	2981	2956	50.1	24.8		11.3	138	
	4:50	2954	2913	51.8	24.1		11.7	137	
	5:00	2914	2868	53.6	23.2		11.4	135	
	5:10	2902	2860	53.9	25.8		12.2	92.4	
	5:20	2835	2854	54.0	29.1		12.0	91	
	5:30	2886	2846	53.7	31.6		3.6	11	
	7:30	2900	2856	51° 53.4 S	41° 30.8 E	E	-	-	
	7:40	2892	2853	52.8 S	32.2	E	10.7	72	
	7:50	2875	2833	52.5 S	35.1	E	10.8	80	
	8:00	2831	2802	52.2 S	37.7	E	11.6	80	
	8:10	2794	2771	51.9 S	40.2	E	8.1	110	
	8:20	2801	2778	52.1 S	38.8	E	-	-	
	M:25								Harold Hommers
	11:30	2806	2782	52.3	39.4		9.7	288.0	
	11:40	2842	2814	51.8	37.0		9.4	289.0	
	11:50	2871	2842	51.3	34.5		10.4	289.1	
	12:00	2912	2881	50.3	33.0		10.9	19.2	
	12:10	2898	2863	48.5	34.1		12.0	18.2	
	12:20	2938	2906	46.6	35.2		12.0	17.1	
	12:30	-	2928	44.3	36.3		12.2	11.8	
	12:40	2975	2941	42.8	37.0		12.3	11.8	
	12:50	-	2961	40.9	37.7		12.3	15.3	
	13:00	3018	2989	38.9	38.8		12.7	17.0	



FS-FR.	PS-Plus	S	W _{pk}	W _T	red.	Deso
[kHz]	[Stk]	[kHz]	[m/s]	[s]	[%]	[NR.]
4	2	40	372	0	0	19

CONTENTS

PS-Tiefensignal orientiert sich an Subbotten-Echo
 02:40 Kursänderung auf 200°
 Farbpatrone v. Online drucker gewechselt

5.5 4

Bandwexel 170 → 171
 Fenster auf 200m zurückgestellt.

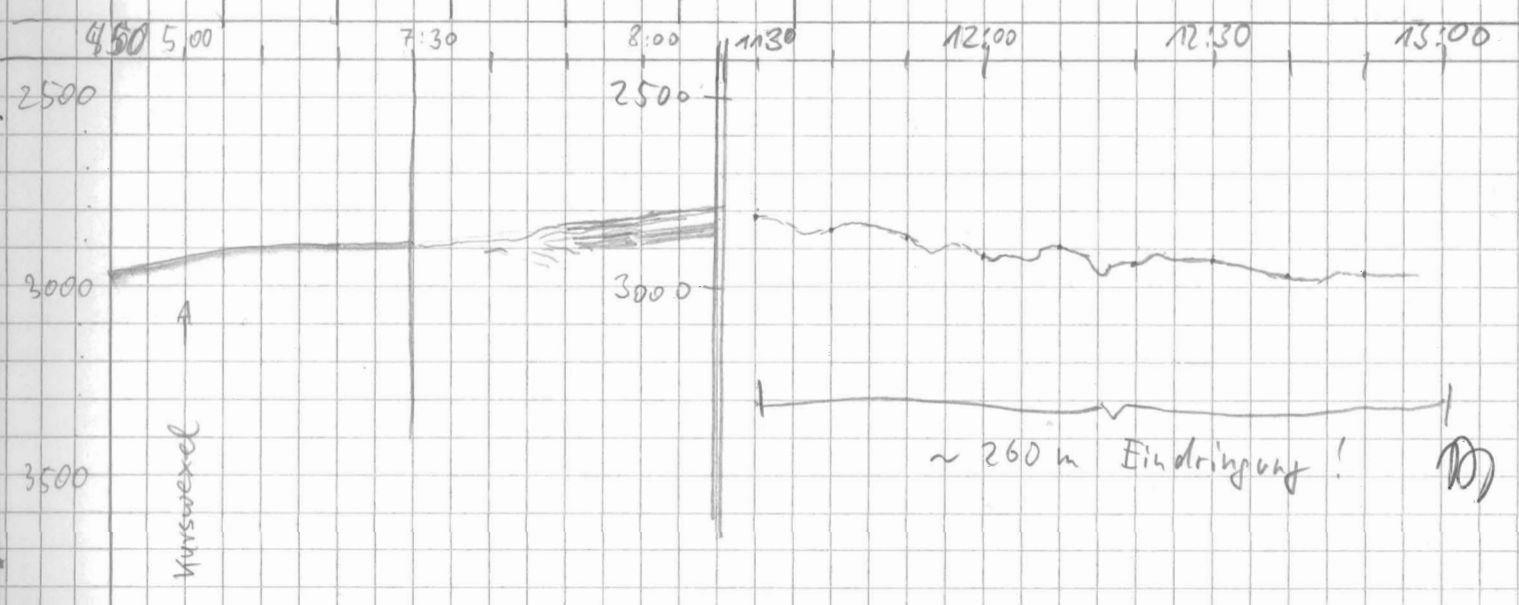
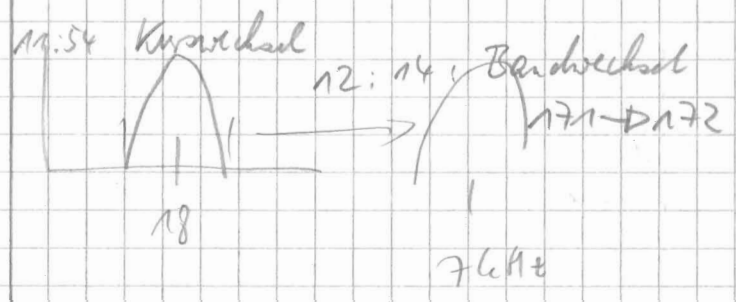
5:00 Kurswexel → 90°
 5:28 Schallruder: KKF an

4 2

Station
 Stationsende / Verhalten zur Geologie position

5.5 2
 18

Annäherung Station
 kurzzeitig 184Hz
 wieder fehlt



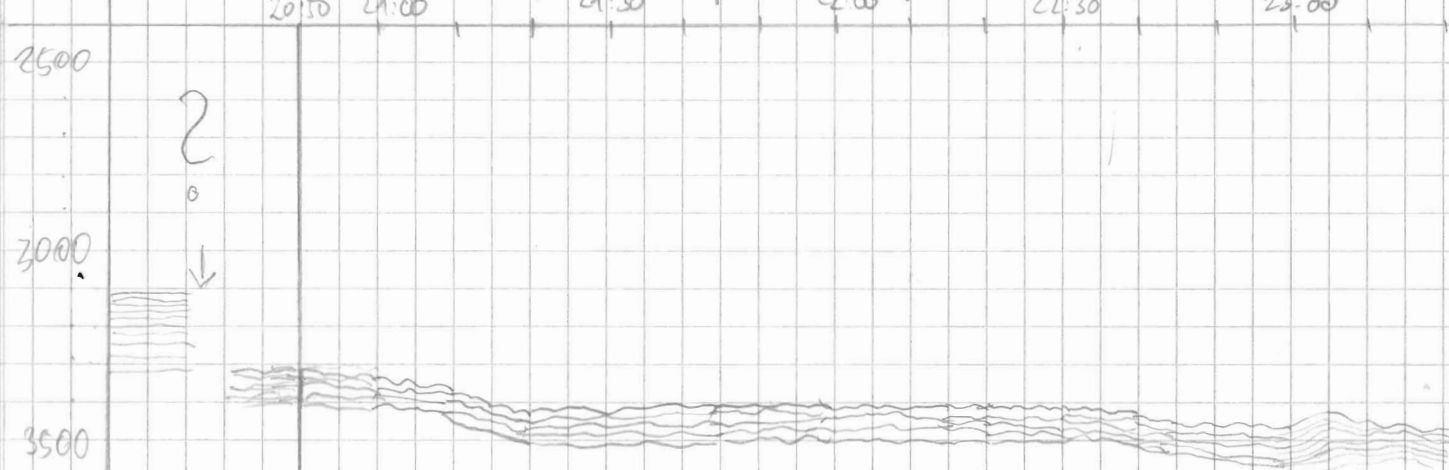
DATE UTC	TIME UTC	RS [m]	HS [m]	LAT [°]	LONG [°]	SPEED [km]	COURSE [°]	PARADIVID-HUNTER
12.5.	13:10	3026	2997	51°36.9	41°33.7	12.7	14.7	H. Rudow
	13:20	3046	3021	34.9	40.5	12.7	10.3	
	13:30	3070	3047	32.9	41.6	12.9	17.3	
	13:40	3110	3088	30.9	42.6	12.6	17.3	
	13:50	3117	3097	28.9	43.4	13.0	13.1	
	14:00	3165	3146	28.1	42.6	9.5	242	
	14:10	3132	3104	28.3	40.3	10.6	254	
	14:20	3136	3118	29.4	37.9	9.9	257	
	14:30	3132	3111	29.9	35.7	5.6	262	

- 18:20
- 18:22
- 18:24
- 18:26
- 18:28
- 18:30
- 18:32
- 18:34
- 18:36
- 18:38
- 18:40
- 18:42
- 18:44
- 18:46
- 18:48
- 18:50
- 18:51
- 18:52
- 18:53
- 18:54
- 18:55
- 18:56
- 18:57
- 18:59



Ri-Fr [kHz]	Profil f [kHz]	Length [m]	Weit	Rcd.	Deso	Wat in Cou?
4	2	40	372	0	0	19
						13 ⁵⁵ Kursänderung
5.5	4	40	372	30	0	19
						14:32 Station erreicht, Schallruder an, Deso auf 150.000 Wart auf 30s
						Umsel Deso-Rolle
4	2	40	372	0		20
5.5	1					Beginn Frequenztest
2.5	1					
2.5	4					
5.5	4					
5.5	8					
2.5	8					
4.0	2					
						Ende Frequenztest

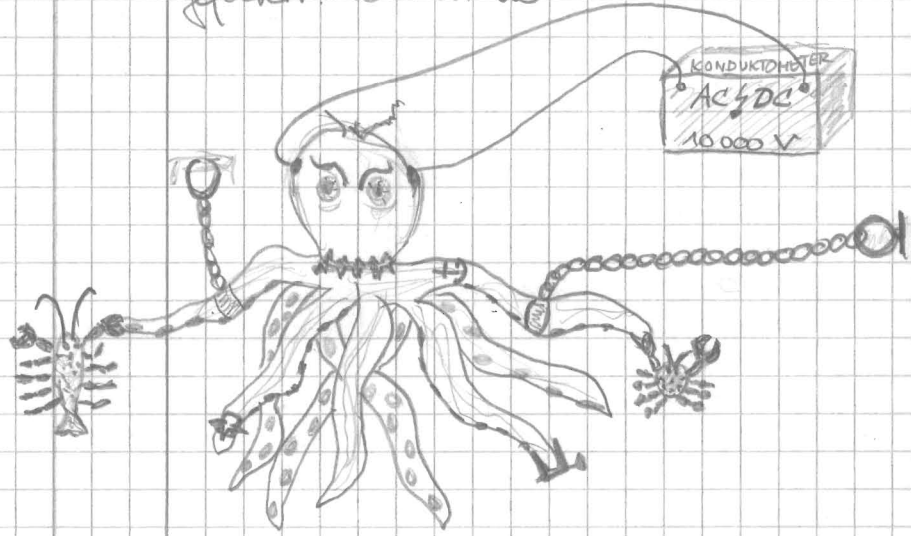
Date	Time	PS	Depth		Position		Speed	Course	Watch
			MS	HS	Lat	Lon			
12.5	19:00	3128	3108	57°30.0 S	117.2 E	4.8	261.2	Bernel	
	19:10	3140	3117	28.5	36.1				
	19:20	3149	3128	28.5	36.3	14.4	22.8	SANDRA	
	19:30	3164	3139	27.9	41.8	14.5	29.5		
	19:40	3170	3156	27.2	44.4	15.6	29.1		
	19:50	3208	3200	24.7	45.6	15.7	12.1		
	20:00	3230	3216	22.3	46.5	15.8	22.8		
	20:10	3278	3248	19.7	47.7	15.3	13.7		
	20:26	3291	3282	16.9	49.0	15.3	15.8		
	20:36	3304	3288	15.3	49.8	15.3	18.9		
	20:40	3325	3304	13.1	50.9	15.5	17.6	Helmet	
	20:50	3333	3317	10.6	52.2	15.6	17.1		
	21:00	3389	3374	8.2	53.3	15.6	17.2		
	21:10	3376	3363	5.9	54.4	15.3	15.4		
	21:20	3414	3388	3.6	55.5	15.6	14.7		
	21:30	3404	3372	1.2	56.5	15.7	14.6		
	21:40	3401	3374	50°59.9	53.8	14.4	294.3		
	21:50	3384	3364	59.4	50.7	13.8	293.5		
	22:00	3387	3364	58.8	47.4	13.9	291.5		
	22:10	3399	3367	58.1	43.9	13.8	291.4		
	22:20	3404	3376	57.4	39.6	13.9	290.0		
	22:30	3421	3398	56.9	37.0	13.4	288.0		
	22:40	3435	3412	56.4	34.0	14.1	288.8		
	22:50	3443	3422	55.7	30.6	14.0	288.2		
	23:00	3464	3441	55.1	27.3	9.2	290.2	David Döller	
	23:10	3465	3451	54.3	23.2	13.9	284.8		
	23:20	3482	3476	53.8	20.7	14.1	285		
	23:30	3510	3486	53.3	17.4	13.8	287		
	23:40	3532	3503	52.6	13.8	14.1	285		
	23:50	3529	3513	52.1	10.7	13.6	287		
13.5	00:00	3485	3471	51.5	07.3	13.3	284		
	00:10	3492	3478	51.0	04.2	13.6	283		
	00:20	3444	3431	50.5	01.1	13.5	287		
	00:30	-	3526	49.9	40°57.6	13.8	287		
	00:40	3473	3464	49.4	54.6	13.6	286		
	01:10	3461	3432	47.8	46.0	13.1	284		
	01:20	-	3566	47.2	47.4	13.1	285		
	01:30	3740	3718	46.7	39.2	12.1	286		
	01:40	3185	3750	46.1	36.3	13.2	286		



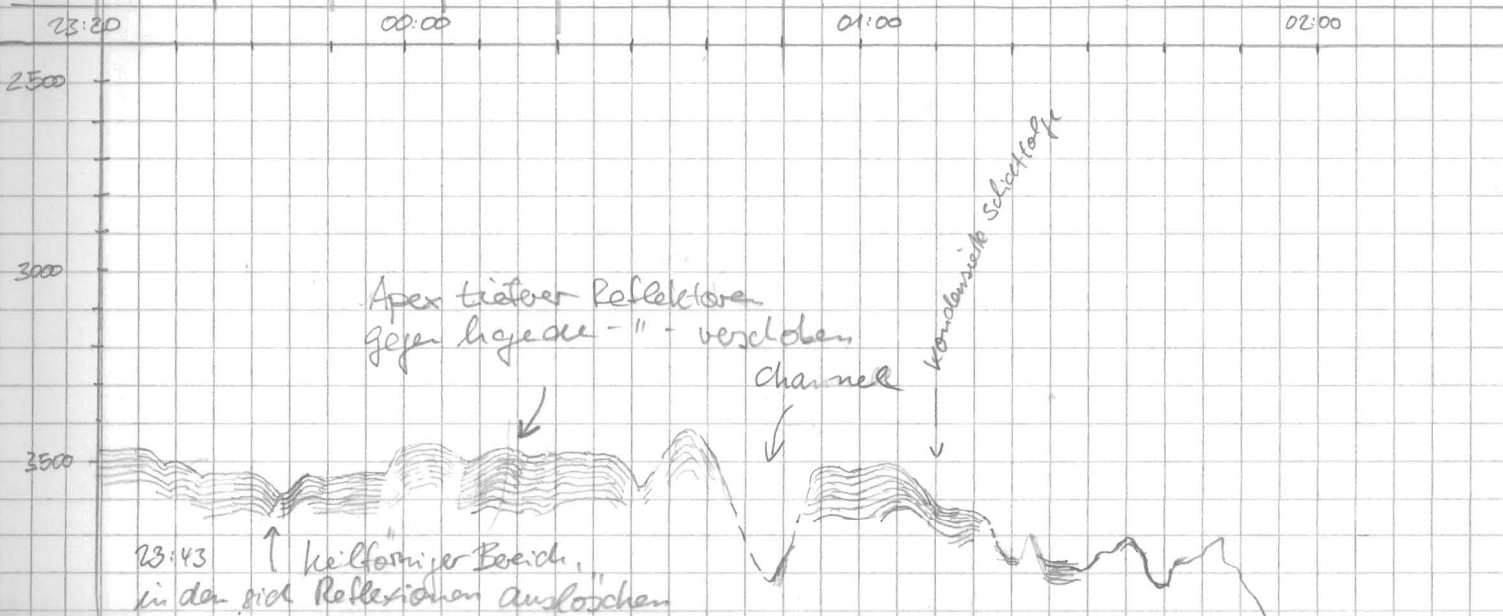
PS-Freq	PS-Puls	Reg-F	Reg-len	Wart	Dato Redu	Daso
4	2	40	372	0	0	20

Mehrfacher Resist Beso
 Eindl. > 270 m
 Bandwechsel 172 -> 173

Oh Schreck! Auch Dr. Calamar wird gefortet! Was ist das



große Unbekannte im Hintergrund?
 Oder ist das etwa der edle Dr. Squid, der hier von seinem skrupellosen Doppelgänger festgehalten wird? ...
 23:10 Bandwechsel #173 -> 174



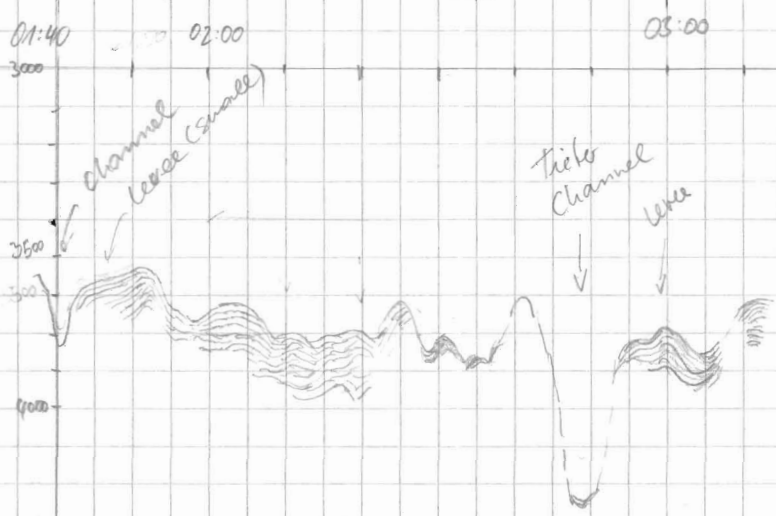
DATE (UTC)	UNDET (UTC)	FS	HS	LAT	LONG	SPEED	COURSE	WATCH
13.5	01:50	-	3547	50°45.5 S	40°33.0 E	13.5	285	Dana Völler
	02:00	3684	3659	45.0	30.1 E	13.4	284	
	02:10	3708	3692	44.4	26.6 E	13.4	287	
	02:20	3622	3602	43.9	23.6 E			
	02:30	-	3716	43.3	20.2 E	12.5	284	
	02:40	-	3667	42.8	17.1 E	13.3	285	
	02:50	-	3996	42.3	14.2 E	13.2	285	
	03:00	3750	3722	41.81	11.34 E	13.0	285	
	03:10	3642	3622	41.2	08.1 E	12.5	286	
	03:20	3603	3578	40.54	06.87	4.8	330	
	03:23	3574	3600	40.33	06.67			

L

Dana Völler

- 14:15
- 14:42
- 14:44
- 14:46
- 14:48
- 14:50
- 14:52
- 14:54
- 14:56
- 14:57
- 14:58
- 14:59
- 15:00

15:12



PS-FREQ PYS REG. FREQ REG. LENGTH UNIT RED. DESO-ROLLE Beobachtungen

4 2 40 372 0 0 20

02:34 Badwechsel #174 → 175

55 4 40 372 30 0 20 → Stationsportion

14:42 Beginn Frequenztest (Verlängerter Frequenztest)

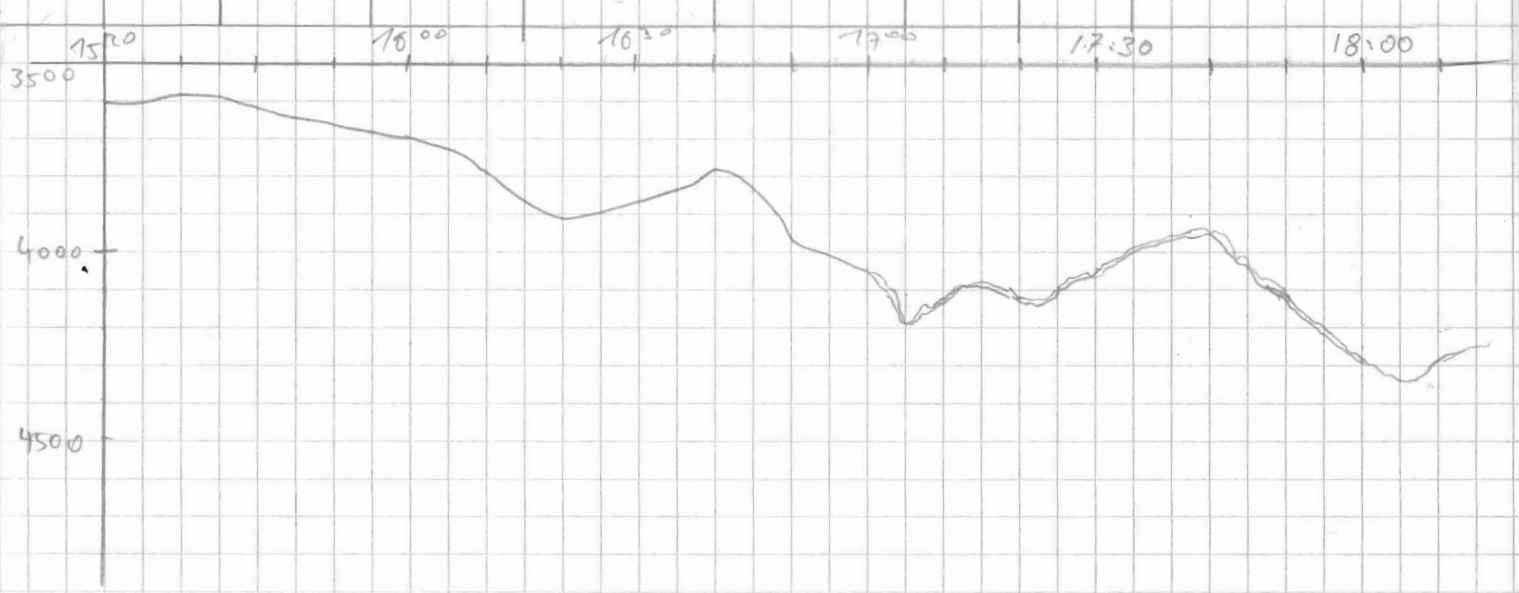
4	2	}	je	2min	0	0	20
5.5	1						
3.0	.						
4.5	.						
4.0	.						
3.5	.						
3.0	.						
2.5	1						
2.5	4	}	je	1min	0	0	20
3.0	.						
3.5	.						
4.0	.						
4.5	.						
3.0	.						
5.5	4						
5.5	8	}	je	1min	0	0	20
5.0	.						
4.5	.						
4.0	.						
3.5	.						
3.0	.						
2.5	.						
4.0	2						

15:12 Ende Frequenztest, Ablauf von der Probe



PS HS LATITUDE LONGITUDE VELO COURSE Vbyekt

	PS	HS	LATITUDE	LONGITUDE	VELO	COURSE	Vbyekt	
13.5	15 ²⁰	3602	3575	50°40,5	48°06,8	7.4	328	H. Rudow
	15 ³⁰	3594	3564	37,16	05,1	11,8	323	
	15 ⁴⁰	3613	3587	37,3	03,1	14,0	326	
	15 ⁵⁰	3648	3622	35,6	1,2	13,4	326	
	16 ⁰⁰	3638	3662	33,9	39° 59,2	13,9	322	
	16 ¹⁰	/	3768	32,1	57,1	13,6	323	
	16 ²⁰	3922	3882	30,3	55,1	13,7	328	
	16 ³⁰	/	3761	28,5	53,2	13,6	325	
	16 ⁴⁰	3800	3770	26,2	51,4	13,7	326	
	16 ⁵⁰	3962	3933	24,9	49,5	13,8	322	
	17 ⁰⁰	4060	4033	23,2	47,4	13,3	322	
	17 ¹⁰	-	4141	21,5	45,4	14,0	321,1	A. Borgardt
	17 ²⁰	4125	4098	19,6	43,1	14,0	321,7	
	17 ³⁰	4065	4042	17,9	41,1	13,7	321,5	
	17 ⁴⁰	-	4070	16,0	39,0	13,4	323,5	
	17 ⁵⁰	-	4108	14,2	37,0	14,0	323	
	18 ⁰⁰	-	4260	12,3	34,8	14,1	323,3	
	18 ¹⁰	4273	4261	10,5	32,9	14,3	323,9	
	18 ²⁰	-	4214	08,7	30,9	13,7	324,0	
	18 ³⁰	-	4489	06,8	28,8	14,6	322,0	
	18 ⁴⁰	4737	4714	04,9	26,5	14,0	322,9	
	18 ⁵⁰	4764	4731	03,3	24,7	14,4	323,7	
	19 ⁰⁰	4723	4685	01,1	22,2	14,0	323,9	Düvel
	19 ¹⁰	-	4334	49 59,6	20,4	14,4	324,8	
	19 ²⁰	4661	4655	57,7	18,3	14,2	325,4	
	19 ³⁰	4658	4636	55,7	16,1	14,5	325	
	19 ⁴⁰	4317	4365	54,0	14,2	14,3	324	
	19 ⁵⁰	41069	4087	51,7	11,8	14,5	325,4	
	20 ⁰⁰		4130	49,9	09,8	14,6	325,6	
	20 ¹⁰	3861	3856	48,1	7,7	14,7	324,6	
	20 ²⁰		3925	46,2	05,5	15	324,1	
	20 ³⁰	3	4185	44,3	3,3	14,5	323,5	
	20 ⁴⁰	/	4287	42,5	01,2	14,5	323,8	
	20 ⁵⁰	/	4289	40,6	58 59,0	14,7	324,7	
	21 ⁰⁰	4350	4284	38,6	56,7	14,9	327,0	Bernel
	21 ¹⁰	-	4200	36,6	54,8	15,2	328,4	
	21 ²⁰	4269	4220	34,7	52,9	14,6	327,2	
	21 ³⁰	-	4263	32,8	50,7	15,0	324,2	



PS-FREQ	PULSE	RES. FREQ	RES. LENGTH	UNIT	DATA RED.	DESC-ROLL
---------	-------	-----------	-------------	------	-----------	-----------

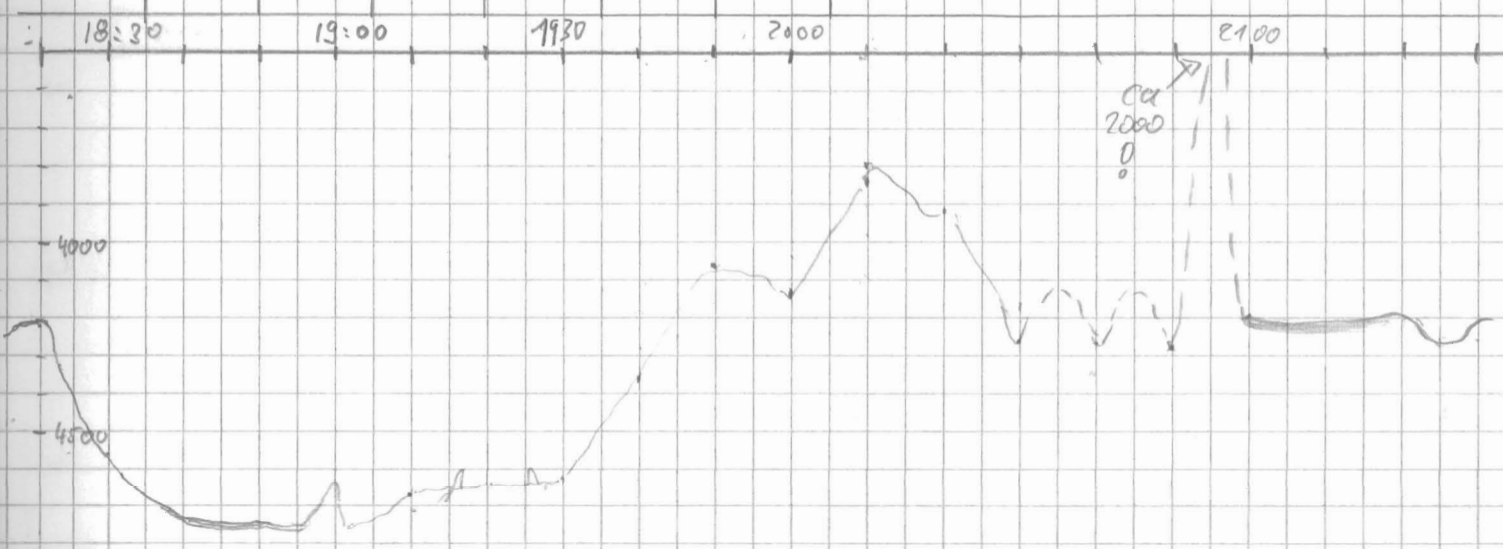
Resine

Bandwechsel 175 -> 176

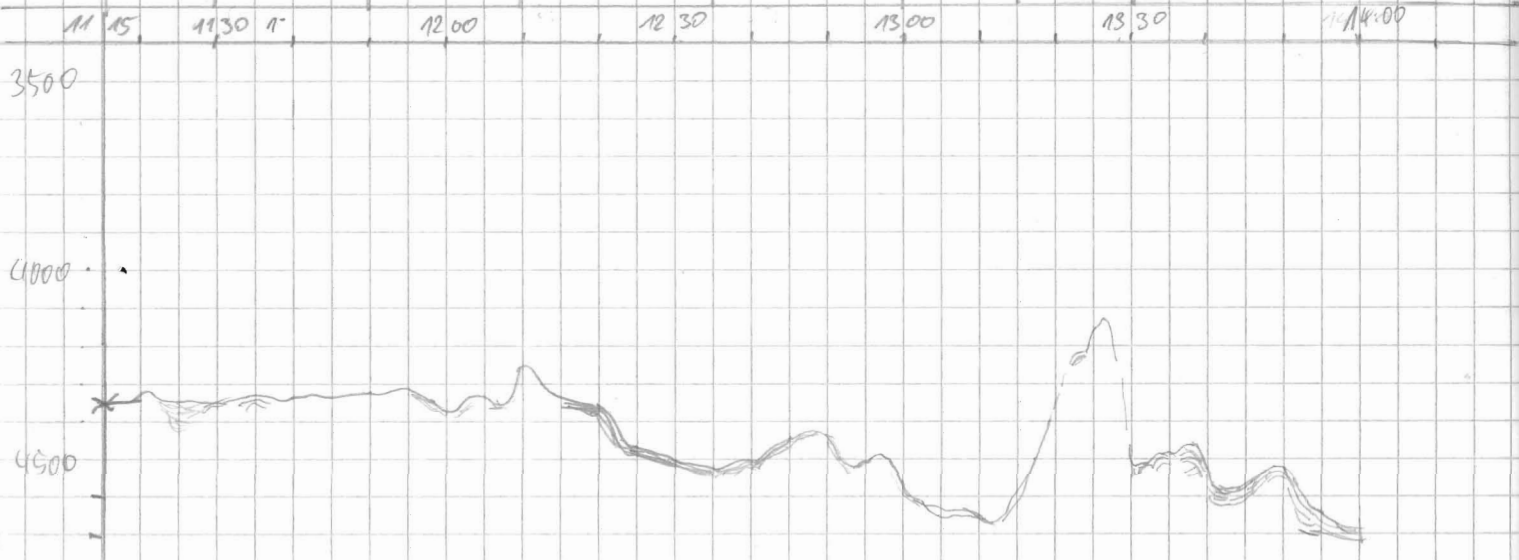
40	2.0	40.0	372.4	0	0	20
----	-----	------	-------	---	---	----

Tiefendifferenz
 HS ↔ PS x 700m - 800m
 zwischen 18.20 - 18.40

Bandwechsel 177



Date UTC	TIME UTC	PS [m]	Depth		Position		Speed	Course	Watch
			HS [m]	Lat	Lon				
13.5.	21:40	-	4285	49°30.9 S	38°48.5 E	14.9	321.6	Bernol	
	21:50	-	4349	29.2	46.5	12.1	320.9		
	22:00	4513	4161	28.2	45.6	0.8	287.6		
14.5	8:10								
14.5	11:45	4349	4320	49°28.4 S	38°50.2 E	9.9	316	Bernol	
	11:50	4457	4426	27.6	49.1	13.1	317		
	11:55	4485	4462	25.7	46.2	14.1	316		
	12:00	4495	4455	24.4	44.4	14.4	317		
	12:05	4358	4330	22.7	41.9	14.2	317	F. T. Haas	
	12:10	4391	4359	21.1	39.6	14.4	315	"	
	12:15	4375	4288	19.4	37.1	14.4	316	"	
	12:20	4482	4451	17.7	34.5	14.3	316	"	
	12:25	4507	4479	16.2	32.3	14.6	317	"	
	12:30	4516	4488	14.4	30.7	14.3	325	"	
	12:35	4495	4452	12.4	28.1	14.3	325	"	
	12:40	4605	4570	09.7	25.2	14.0	324	David Völler	
	12:45	4653	4612	08.7	24.0	14.5	322	"	
	12:50	4342	4290	07.0	22.1	14.1	324		
	12:55	4496	4475	05.1	20.1	13.9	324		
	13:00	4620	4599	03.1	18.0	14.8	323		
	13:05	-	4550	01.6	16.1	14.8	324		
	13:10	4645	4630	48° 59.6	13.9	14.5	324		
	13:15	4722	4703	57.7	12.0	14.6	325		
	13:20	4760	4731	55.9	10.0	14.4	323		
13:25	4682	4658	53.9	07.8	14.1	324			
13:30	4544	4529	51.7	05.4	14.2	323			
13:35	4477	4463	50.4	03.9	14.2	323			
13:40	4592	4583	48.6	01.9	14.3	324			
13:45	4582	4581	46.9	37° 59.9	13.9	324	Harald Hommers		
13:50	4603	4589	45.0	57.9	14.1	325			
13:55	4167	4183	43.1	56.0	13.7	324			
14:00	4241	4225	41.3	54.0	14.2	324			
14:05	4497	4430	39.5	52.0	13.8	323			
14:10	4509	4489	37.7	50.0	13.8	324			

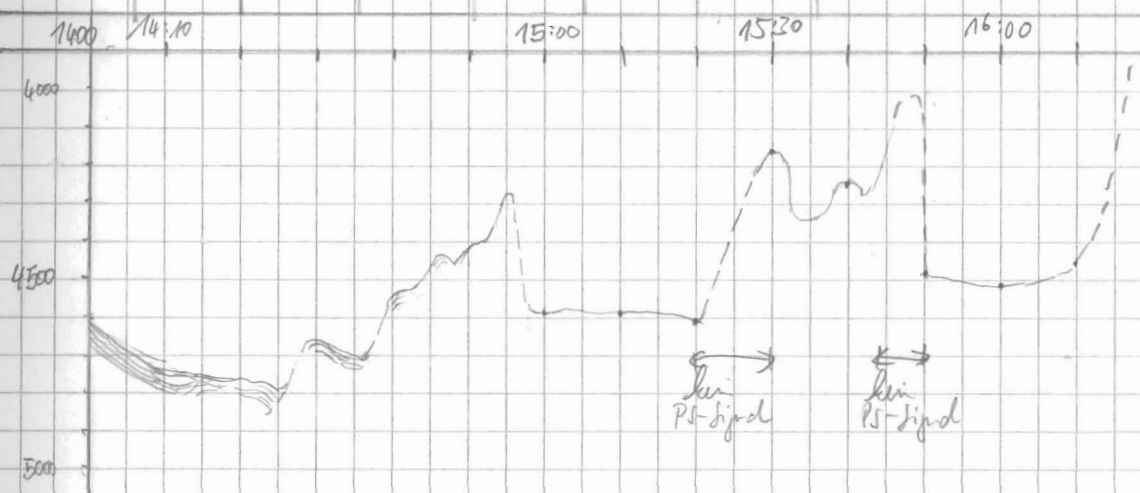


PS-Frequ /kHz/	Pulse	R. F. kHz	R.-L. ms	Wait s	Redu %	Doso Rolle
4	2	40	372	0	0	20
5.5	4					
4	2	40	266	0	0	20

Neptun - Gedächtnis!
 21:55 Strahlbrude; KKF on
 Storage off ∇ etwas
 verfallen für
 Onl Plot off! ∇ MUC-Prüfung

7:51 MUC on Grund
 Dankes
 Tatsächlich! Das einzige
 welche Ablängen von Stationen
 Papier Protokoll drue. nachgelegt

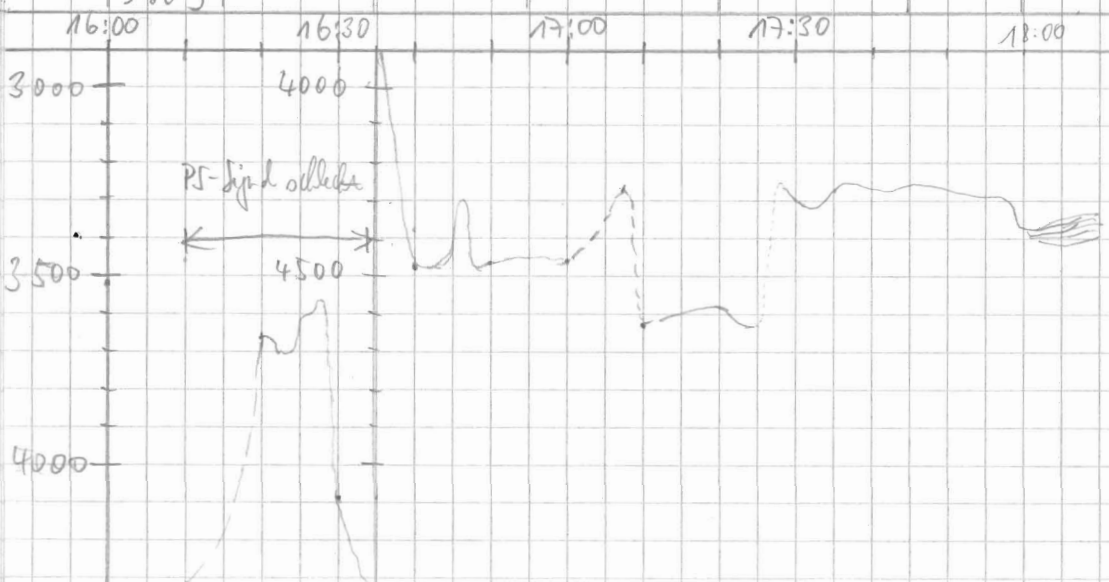
15:05 Rendwechsel 178 \rightarrow 179



DATE UTC	TIME UTC	PS [m]	HS [m]	POSITION		SPEED [kn]	Course	"Jäger der verlorenen PS-Signale"	
				LAT [°]	LOM [°]				
14.5.	16:10	4458	4455	48° 35.95	37° 48.0E	14.1	324	Harald Hommer	
	16:20	—	3668	35.0	46.0	14.3	324		
	16:30	4095	4103	32.3	44.1	14.0	326		
	16:40	4483	4474	30.4	42.1	14.0	324		
	16:50	4475	4460	28.6	40.2	14.1	326		
	17:00	4453	4437	26.8	38.3	13.9	327		
	17:10	4622	4585	24.9	36.2	14.0	324		
	17:20	4588	4570	23.1	34.2	14.1	324		H. Radow
	17:30	✓	4287	21.02	31.8	13.5	325		
	17:40	✓	4348	19.66	30.34	13.1	323		
	17:50	4433	4419	17.93	28.49	13.6	323		
	18:00	4475	4466	16.82	27.28	4.9	323		
	18:10	4461	4440	16.099	26.768	0	142		

03:02

- 2:40
- 2:41
- 2:42
- 2:43
- 2:44
- 2:45
- 2:46
- 2:47
- 2:48
- 2:49
- 2:50
- 2:51
- 2:52
- 2:53
- 2:54
- 2:55
- 2:56
- 2:57
- 2:58
- 2:59
- 3:00
- 3:01
- 3:02
- 3:03



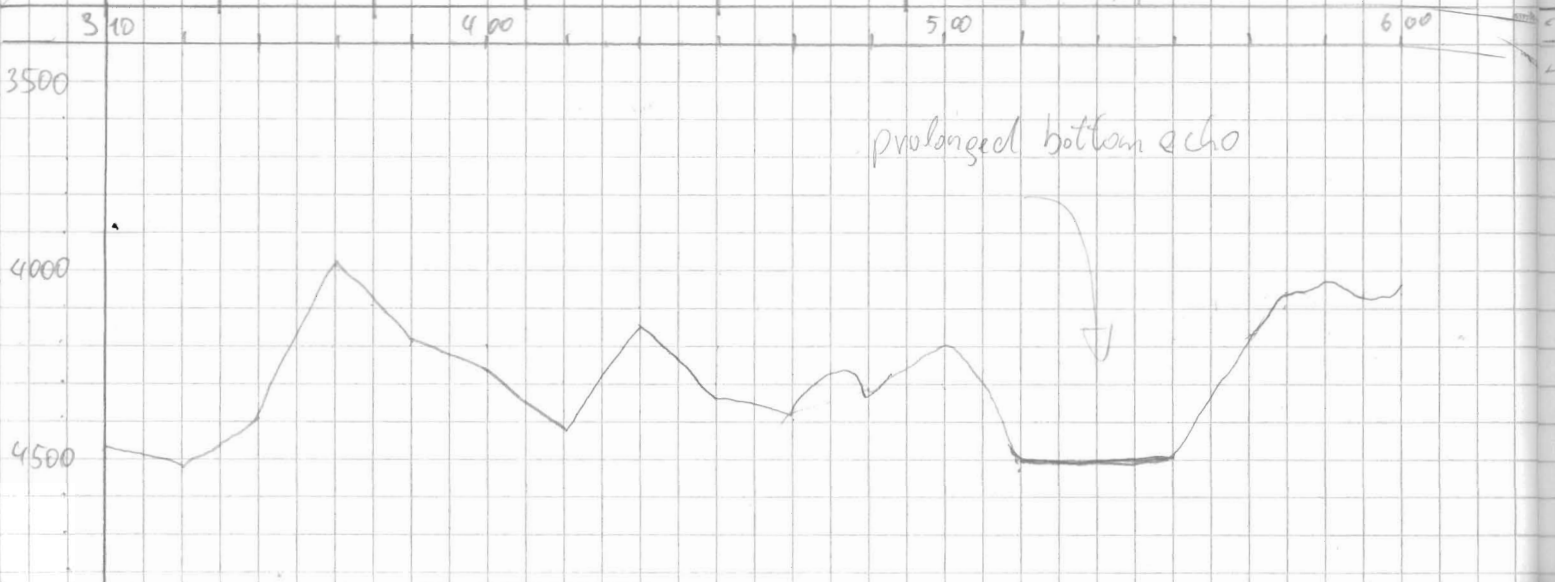
PS-trace [kHz]	Pulse	Reg-F [kHz]	Reg-Lch [kHz]	Wait [s]	Redu [%]	Deso- Rolle
4	2	40	266	0	0	20
5.5	4					
4	2	40	266	0		
5.5	1					
5.0						
4.5						
4.0						
3.5						
3.0						
2.5						
1.5	4					
3.0						
3.5						
4.0						
4.5						
5.0						
5.5	8					
5.0						
4.5						
4.0						
3.5						
3.0						
2.5						
4	2					

18:10 Station erreicht

Anlauf der Kupferlinie für
Frequenztest
Beginn PFT

Ende PFT

Date UTC	Time UTC	Depth		Position		Speed km	Course °	Watch
		PS m	HS m	Lat °	Lon °			
15.5	3:10	41485	41456	48° 16.0 S	37° 25.0 E	8.3	265	Bernol
	3:20	41503	41776	16.2	21.6	10.6	269	
	3:30	41334	4283	16.2	19.3	10.7	270	
	3:40	-	3888	16.2	17.5	10.3	274	
	3:50	41191	4175	16.1	15.1	9.5	272	
	4:00	-	41269	16.1	12.4	11.9	272	
	4:10	-	4112	16.0	9.3	13.3	270	
	4:20	4150	4149	16.0	6.0	13.2	268	
	4:30	-	4335	16.0	2.9	12.5	269	
	4:40	41405	4391	16.1	36° 58.8 E	13.4	268	
	4:50	-	4307	16.1	56.7	13.6	268	
	5:00	-	4315	16.2	53.5	13.2	269	
	5:10	4527	4511	16.2	50.3	13.2	269	
	5:20	4527	4500	16.2	47.2	13.1	269	
	5:30	4541	4521	16.2	43.9	13.6	274	
	5:40	-	4175	15.5	41.2	11.2	312	
	5:50	4047	3983	14.1	38.9	12.1	311	
	6:00	4128	4087	12.8	36.9	13.0	311	
	6:10	4346	4302	11.2	34.3	13.0	310	
	6:20	4642	4599	9.6	31.8	13.2	310	
	6:30	-	4054	8.2	29.3	13.7	308	
	6:40	-	4084	6.8	26.7	14.2	309	
	6:50	4048	4088	5.4	24.2	13.2	308	
	7:00	4114	4121	3.9	21.7	14.2	315	
	7:10	3866	3871	3.2	19.3	14.5	316	Uwe Frey
	7:20	-	3841	48° 00.7' S	35° 17.0' E	14.1	315	"
	7:30	3826	3848	47° 59.1' S	35° 14.7' E	13.2	315	"
	7:40	4254	4241	57.5	12.4	13.3	310	"
	7:50	4235	4227	55.9	09.9	14.4	316	"
	8:00	4202	4194	54.3	07.6	14.4	315	"
	8:10	4220	4202	52.7	05.1	13.9	312	"
	8:20	4202	4189	51.1	02.5	13.8	312	"
	8:30	4200	4180	49.9	00.5	14.8	314	"
	8:40	-	4080	48.1	35° 57.8' E	13.8	314	"
	8:50	3835	3809	46.6	55.5	12.9	312	"
	9:00	3556	3553	44.9	52.7	14.9	311	"

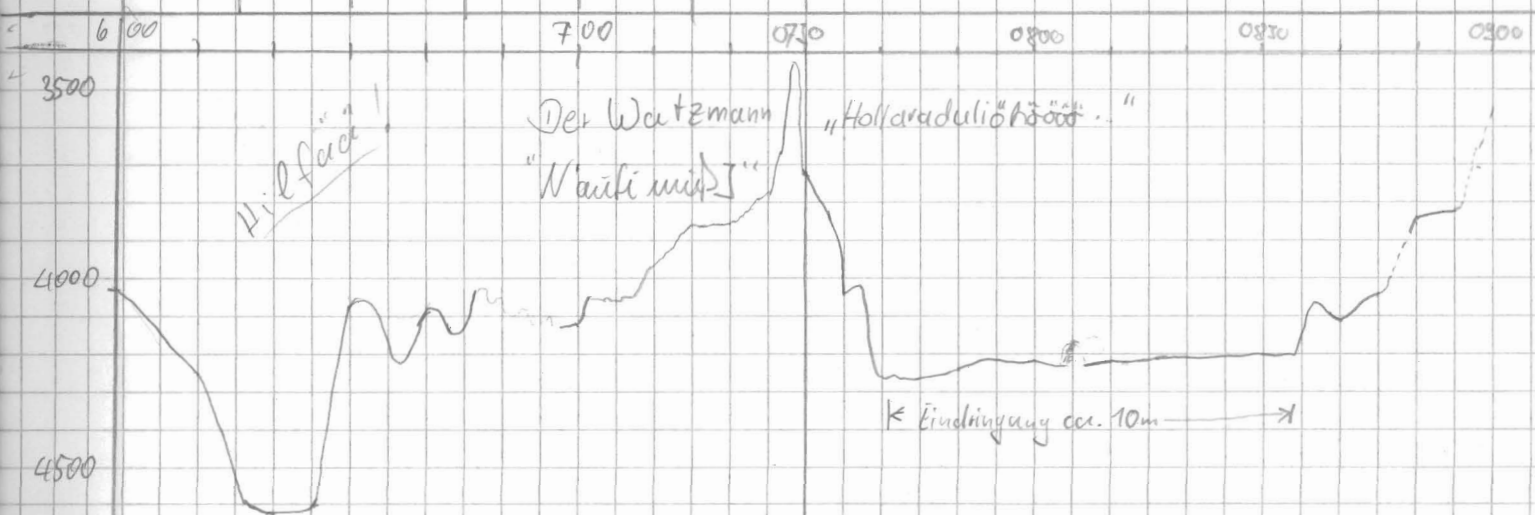


PS Freq. kHz	PS Pulse	Reg Freq. kHz	Reg Length ms	Wait s	Data Rate %	Deso Rolle
4	2	40	266	0	0	20

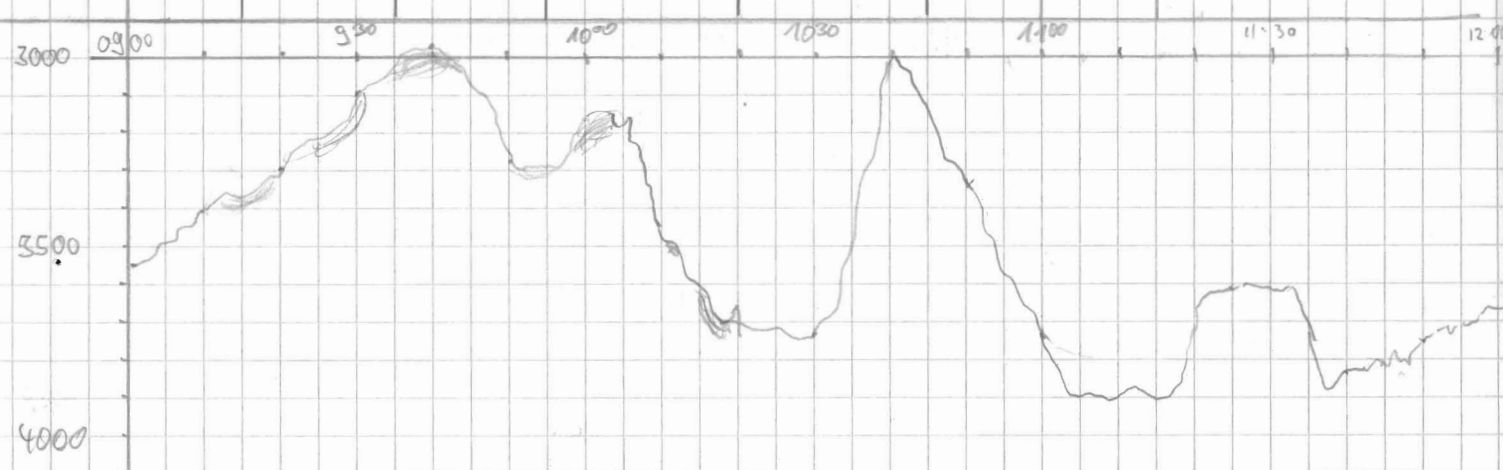
Auf nach Kapstadt!
Bandwechsel 179 -> 180

XBT geworfen
5:33 Kurswechsel

21
Bandwechsel 180 auf 181
Papierrolle aus Schreibmaschine klariert
Papierrolle gewechselt



Date	Time UTC	PS [m]	MS [m]	Lat [°]	Lon [°]	Speed [km]	Course [°]	Waiwai	
15/05	09:10	3412	3406	47	43.67	35.50.39	13.5	311.2	F. Zwein
	9:20	-	3295		42.23	47.93	13.4	311.5	"
	9:30	3101	3100		40.83	45.41	13.8	311.8	"
	9:40	3	2960		39.45	43.0E	13.8	314	V. Spiel
	9:50	3282	3282		37.85	40.47	13.8	314.1	F. Zwein
	10:00	3170	3164		36.38	38.06	13.8	312.9	"
	10:10	-	3435		34.84	35.36	14.2	314.5	"
	10:20	3126	3772		33.37	33.34	13.8	314.1	"
	10:30	3667	3847		31.91	30.98	13.6	314.6	"
	10:40	3002	3028		30.31	28.51	13.9	313.9	"
	10:50	-	3341		28.82	26.18	14.0	313.6	"
	11:00	2982	3726		27.22	23.75	13.9	314.1	"
	11:10	-	3937		25.71	21.24	14.4	313.9	C. Daniel
	11:30	-	3894		22.77	16.45	14.4	327.	F. N.
	11:40	-	3862		21.2	13.9	14.2	316	
	11:50	-	3758		19.3	11.1	14.4	316	
	12:00	3788	3783		18.0	09.3	13.7	316	
	12:10	3627	3516		15.6	05.9	14.1	316	
	12:30	3218	3198		13.3	02.1	14.3	311	
	12:40	3298	3304		11.7 S	34° 59.6 E	14.2	312	
	12:50	3259	-		10.2	57.1	14.4	312	
	13:00	3837	3779		08.8	54.8	14.2	312	F. T. Haas
	13:10	3653	3614		07.1	52.1	14.2	312	"
	13:20	3478	3472		05.7	49.9	14.2	311	"
	13:30	3353	3344		04.6	47.5	13.9	312	"
	13:40	3242	3228		02.7	45.2	14.3	313	"
	13:50	2726	2740		01.2	42.7	14.4	312	"
	14:00	0	2183	46°	59.6	40.2	14.0	313	"
	14:10	2631	3098		58.1	37.8	14.4	313	"
	14:20	3539	4463		56.5	35.4	14	314	"
	14:30	0	4471		55.0	33.0	14.6	315	"
	14:40	4652	4613		53.5	30.7	14.3	314	"
	14:50	0	4496		51.9	28.2	14.2	314	"
	15:00	4212	4151		50.3	25.7	14.1	313	no Spiel
	15:10	3320	3270		48.8 S	23.2	14.6	314	"
	15:22	2340	2321		46.9	20.4	14.1	315	"
	15:30		3007		45.6	18.5	14.5	313	"

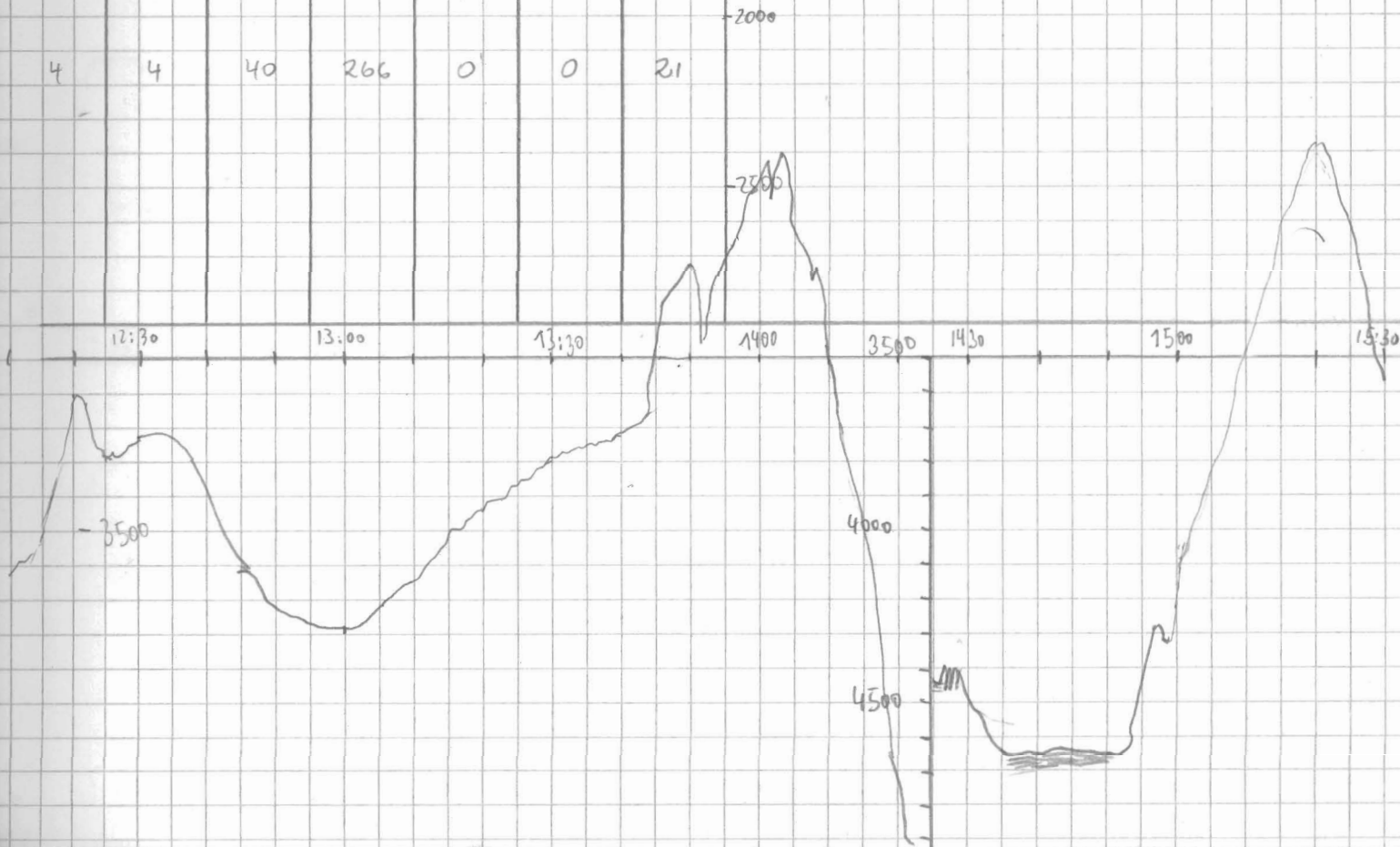


BS Freq [MHz]	PS Pulse	Reg Freq [MHz]	Reg Loss [dB]	Wid [sec]	Bandwidth [MHz]	Dem Roll
4	20 ?	40	266	0	0	21

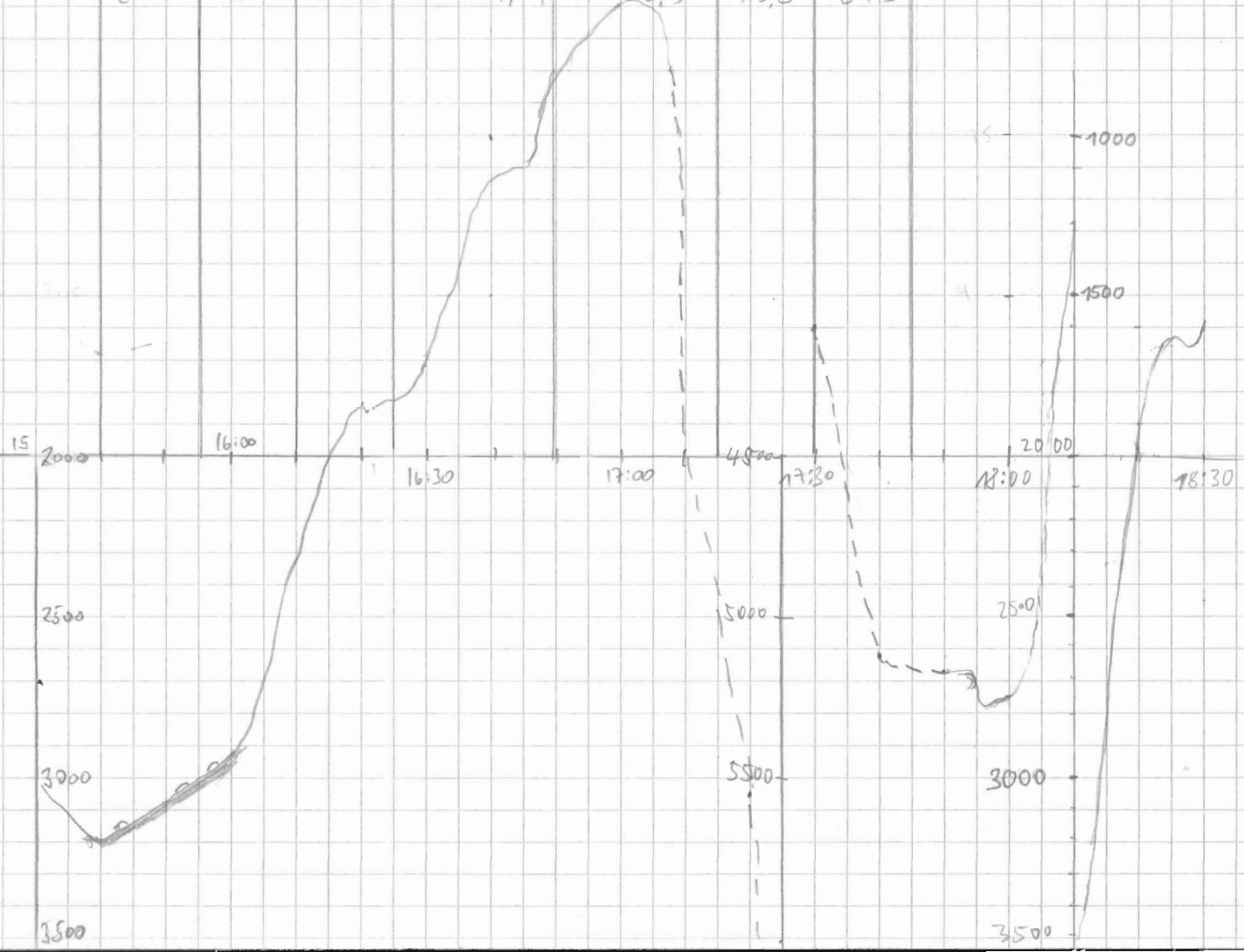
4 4 40 266 0 0 21 11:15 dig. depth gate: 3500 m !

12:31 Bandwechsel
181 → # 182

3400 m
2900
3200

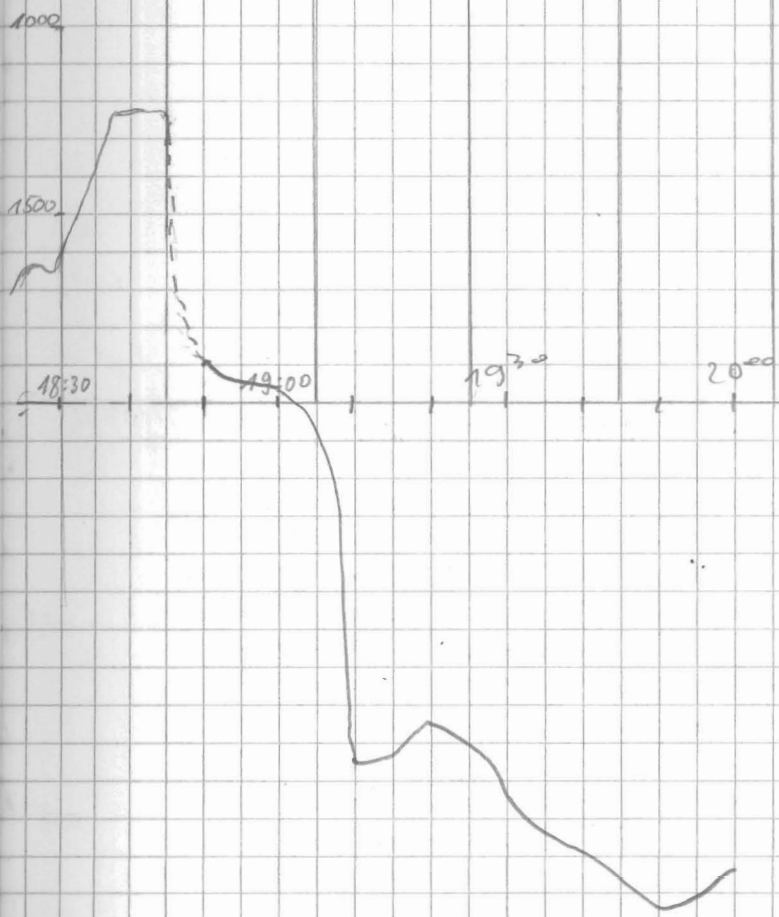


Date	Time	PS	HS	Latitude	Longitude	Speed	Course	Operator
15.5	15:40	3193	-	46° 43.7 S	34° 15.7 E	13.8	312	U. Spiess
	15:50	3081	3076	42.5 S	13.8 E	14.1	313	"
	16:00	-	2905	40.9 S	11.1 E	14.1	311	"
	16:10	-	2303	39.5 S	08.7 E	14.5	310	"
	16:20	-	1820	38.0 S	06.3 E	14.8	313	"
	16:30	-	1701	36.5 S	04.0 E	14.8	313	"
	16:40	1095	1145	34.9 S	01.6 E	14.0	313	"
	16:50	798	780	33.3 S	33° 59.1 E	14.5	313	"
	17:00	601	569	31.8 S	56.7 E	14.4	313	"
	17:10	-	-	30.2	54.3	14.1	311.5	H. Hommers
	17:20	-	3042	28.8	52.0	14.2	312.3	"
	17:30	3411	4100	27.2	49.6	14.0	312.6	"
	17:40	-	5115	25.5	47.0	14.3	311.5	"
	17:50	-	5178	24.1	44.8	14.0	312.8	"
	18:00	5244	5191	22.5	42.4	13.8	313.6	Gr. Schmidt
	18:10	-	3764	21.0	40.1	14.0	314.0	"
	18:20	-	1989	19.5	37.7	13.9	313.2	"
	18:30	-	1593	18.0	35.2	13.5	311.7	"
	18:40	-	1232	16.5	32.9	13.9	312.6	H. Hommers
	18:50	-	1900	14.9	30.5	14.2	314.6	"
	19:00	-	2065	13.33	28.16	14.1	316	H. Rudow
	19:10	2947	2934	11.7	25.7	14.2	315	"
	19:20	-	2860	10.27	23.45	14.0	314	"
	19:30	5039	3018	8.62	21.02	13.5	312	"
	19:40	-	3188	6.9	18.6	13.7	315	"
	19:50	3317	3294	5.16	16.2	14.1	314	"
	20:00	-	3255	4.04	13.9	13.8	313	"

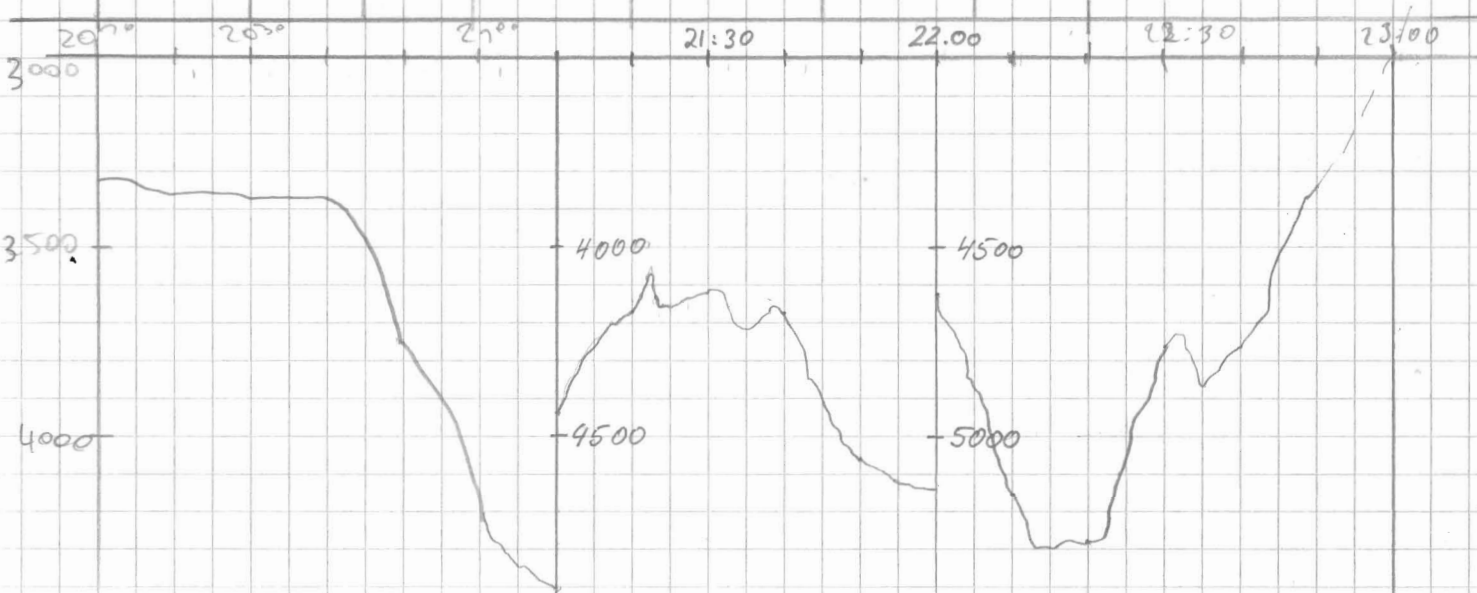


Ps Frequency	PS Pulses	Rec Frequency	Rec Length	Wait time	Data Reduction	DESO Rolle	Remarks
4	4	40	266	0	0	21	-

Zendwechsel AT: 09 182-0183



Date	Time	PS	HS	Lat	Lon	Speed	Course	Wktch Dog
19.5.	20 ¹⁰	3302	3294	46° 02,45	33° 11,53	14	314	H. Rudow
	20 ²⁰	/	3340	00,91	0,9,21	14,3	314	
	20 ³⁰	2857	3379	45° 59,3	06,77	14,5	314	
	20 ⁴⁰	2838	3376	57,7	4,5	14,2	315	
	20 ⁵⁰	/	3730	56,2	2,22	14	314	
	21 ⁰⁰	3540	4206	54,7	32° 5 9,8	14,3	313	
	21 ¹⁰	-	4443	53,1	57,4	14,6	313,0	A. Borgardt
	21.20	-	4168	51,5	55,0	14,5	312,7	
	21.30	3238	4118	49,8	52,6	14,5	313,4	
	21.40	3563	4171	48,2	50,3	14,5	311,7	
	21.50	3854	4554	46,7	48,7	14,3	313,7	
	22:00	-	4679	45,2	45,7	14,3	312	
	22:10	-	5153	43,5	43,2	14,3	314	i.V. J. G-jel
	22:20	-	5292	42,0	41,0	13,8	309	
	22:30	4814	4765	40,7	38,6	13,9	308,1	i.V. d.V. Andreas
	22.40	-	4766	39,3	36,1	14,1	307,0	
	22.50	-	4223	37,9	33,6	13,7	307,6	
	23:00	-	3022	36,3	31,0	14,3	312,7	David Weller
	23:10	2469	2479	34,8	28,6	13,8	312,9	
	23:20	2752	2739	33,2	26,3	13,9	315,1	
	23:30	3311	3299	31,5	23,9	13,6	314	
	23:40	3696	3670	30,0	21,6	13,7	313	
	23:50	3425	3410	28,4	19,2	14,1	314	
16.5	00:00	3560	3560	27,0	16,9	14,3	313	
	00:10	-	3844	25,5	14,5	14,1	311	
	00:20	4345	4303	24,0	12,0	13,8	311	
	00:30	4581	4558	22,5	09,7	13,6	315	
	00:40	4379	4360	20,9	07,5	13,9	317	
	00:50	4579	4572	19,2	05,0	14,2	316	
	01:00	4660	4642	17,7	2,9	13,9	313	
	01:10	-	4487	16,0	0,1	13,8	313	
	01:20	4661	4662	14,7	31° 58,1	13,9	314	
	01:30	-	4792	13,2	55,8	13,9	316	
	01:40	4785	4795	11,9	53,4	14,1	313	
	01:50	4351	4347	10,0	51,0	14,5	310	
	02:00	4700	4686	08,3	48,6	13,5	313	
	02:10	4655	4657	06,7	46,3	14,1	308	
	02:20	4570	4571	05,2	43,9	13,8	316	
	2:30	-	4754	3,8	41,8	14,3	311	



PS Frequ.	PS Pulver	Rec Frequ.	Rec Länge	Wert Tone	Data Reduktion	Peso Rolle
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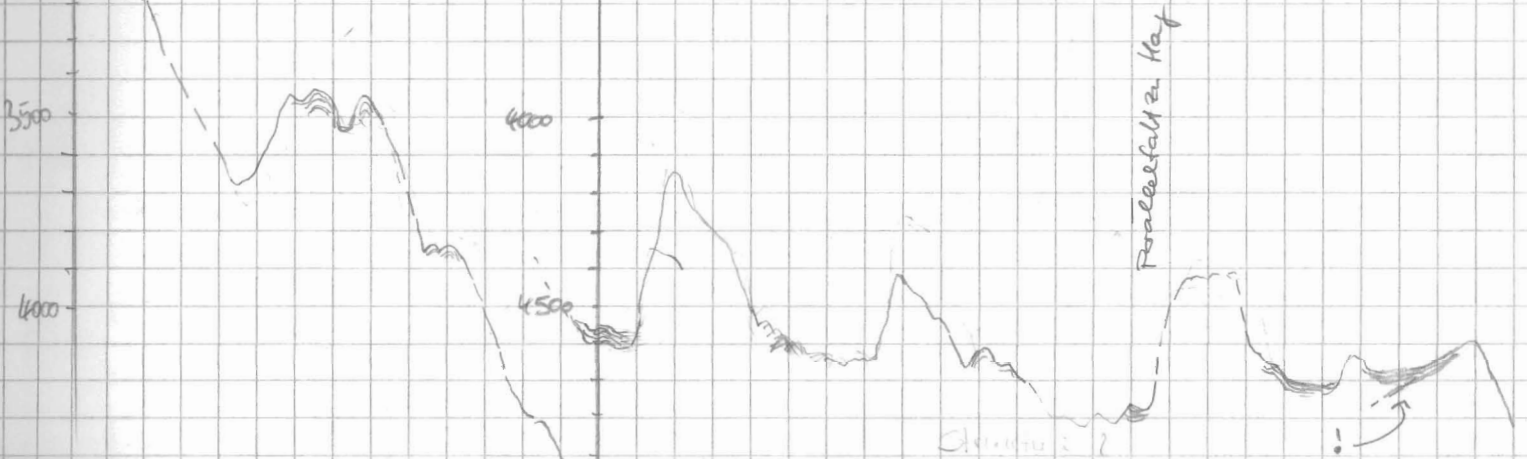
4.0	4	40	266	0	0	21
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21:42 Bodwechsel 183 → 184

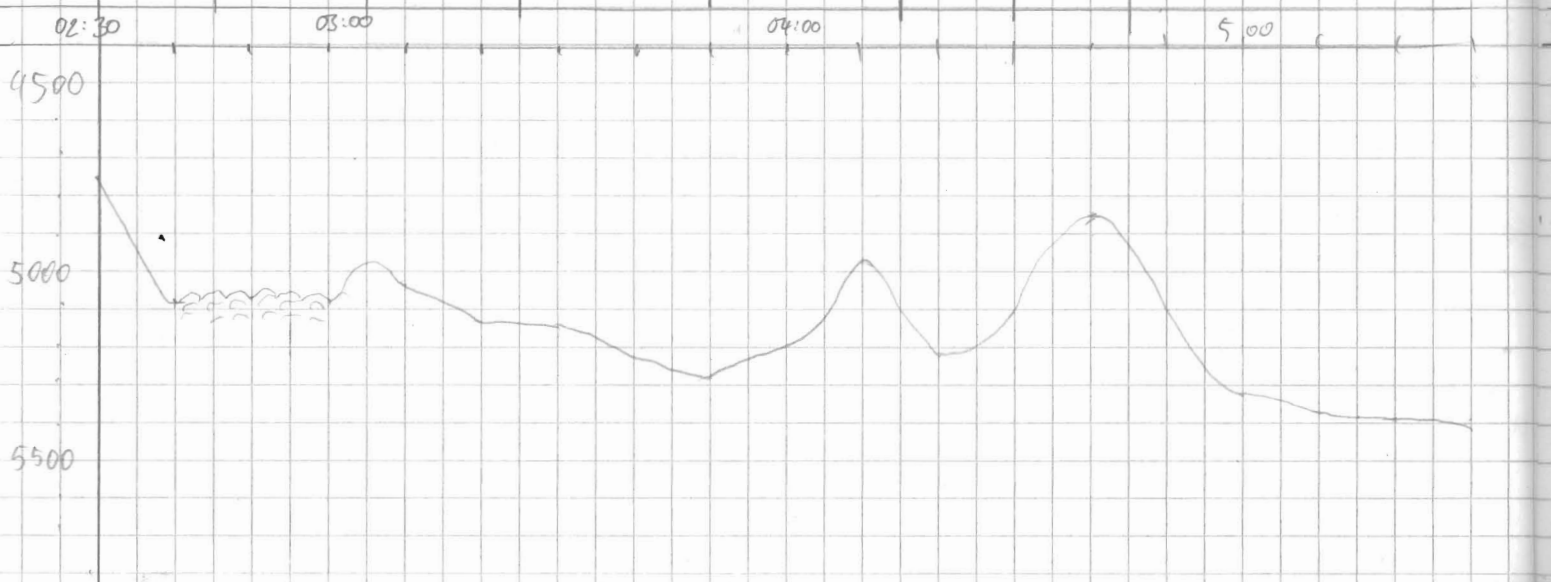
Range 10.000 eingestellt

4.0	4					
4.0	4					
23:20		00:00		01:00		

02:04 Bodwechsel 184 → 185
 Sedimente in Sicht!
 Pulblage auf 2 gestellt
 Abstände der Reflektor, ev. in
 Zusammenhang mit Sicht seitlich
 der Fahrtroute



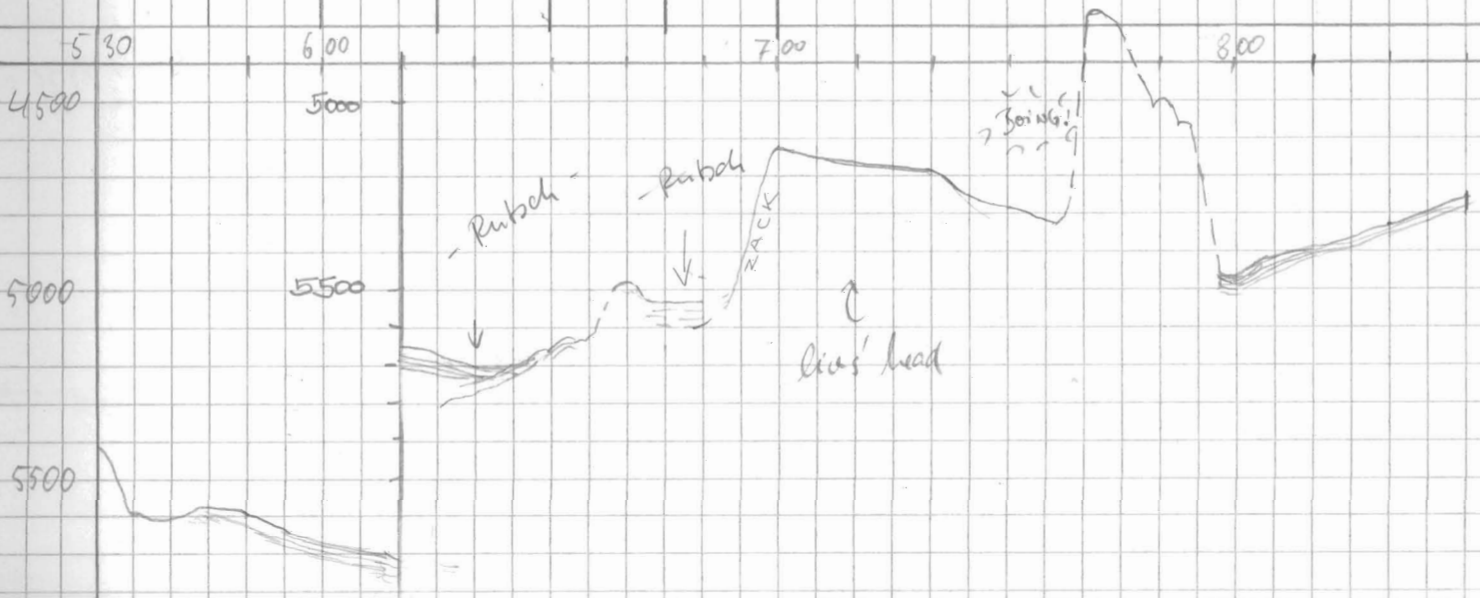
DATE	TIME	FS	HS	LAT	LONG	VELO	COURSE	WIND DIRECTION
16.5	2:40	5115	5081	45° 2.3 S	81° 39.5 E	14.1	311	Bernol
	2:50	5072	5070	0.3	36.4	14.1	311	
	3:00	5105	5083	44° 58.8 S	37° 34.1 E	14.6	312	
	3:10	-	5045	57.8	32.4	14.8	311	
	3:20	5104	5114	55.7	29.1	14.2	313	
	3:30	5136	5142	54.6	27.5	14.5	314	
	3:40	-	-	-	-	-	-	
	3:50	-	5266	51.5	23.1	14.8	313	
	4:00	-	-	-	-	-	-	
	4:10	4861	4857	48.2	18.4	14.6	312	
	4:20	-	5113	46.6	16.0	14.7	311	
	4:30	4883	5001	45.1	13.6	14.6	310	
	4:40	4827	4843	43.6	11.2	14.8	311	
	4:50	5127	5095	40.8	8.1	14.4	315	
	5:00	-	5347	40.5	6.4	14.6	315	
	5:10	5368	5385	38.9	4.1	14.8	315	
	5:20	5352	5383	37.5	1.9	12.3	313	
	5:30	-	5412	36.2	0.0	12.4	314	
	5:40	5587	5618	34.8	30° 58.1 E	12.6	315	
	5:50	5587	5615	33.5	56.1	12.0	313	
	6:00	5652	5684	32.3	54.2	12.3	312	David
	6:10	5677	5720	31.1	52.4	12.6	312	
	6:20	5657	5707	29.7	50.3	12.6	311	
	6:30	5510	5571	28.3	48.1	12.5	313	
	6:40	-	5502	27.0	46.1	11.2	312	Fishery Laser
	6:50	-	5485	25.8	44.3	12.1	312	
	7:00	-	5117	24.5	42.2	11.9	310	
	7:10	5023	5037	23.4	40.3	12.1	311	
	7:20	5124	5211	21.5	37.4	12.1	311	David
	7:30	-	5266	20.8	36.2	12.2	311	
	7:40	4861	4897	19.2	33.9	11.5	314	
	7:50	-	5188	18.1	32.4	11.5	312	
	8:00	-	5504	16.8	30.5	11.5	312	Uwe Frey
	8:10	-	5417	15.7	28.8	11.5	312	
	8:20	5333	5346	14.3	26.6	12.2	313	
	8:30	-	5273	12.8	24.6	12.5	314	
	8:40	5099	-	-	-	-	-	
	8:50	-	-	-	-	-	-	
	9:00	-	-	-	-	-	-	



PS Frey	PS Pub	Reg.-f.	Rec. Lp/Mh	Wert	Red.	Dt=50	
4	2	90	266	0	0	21	2:34 Range 10 000

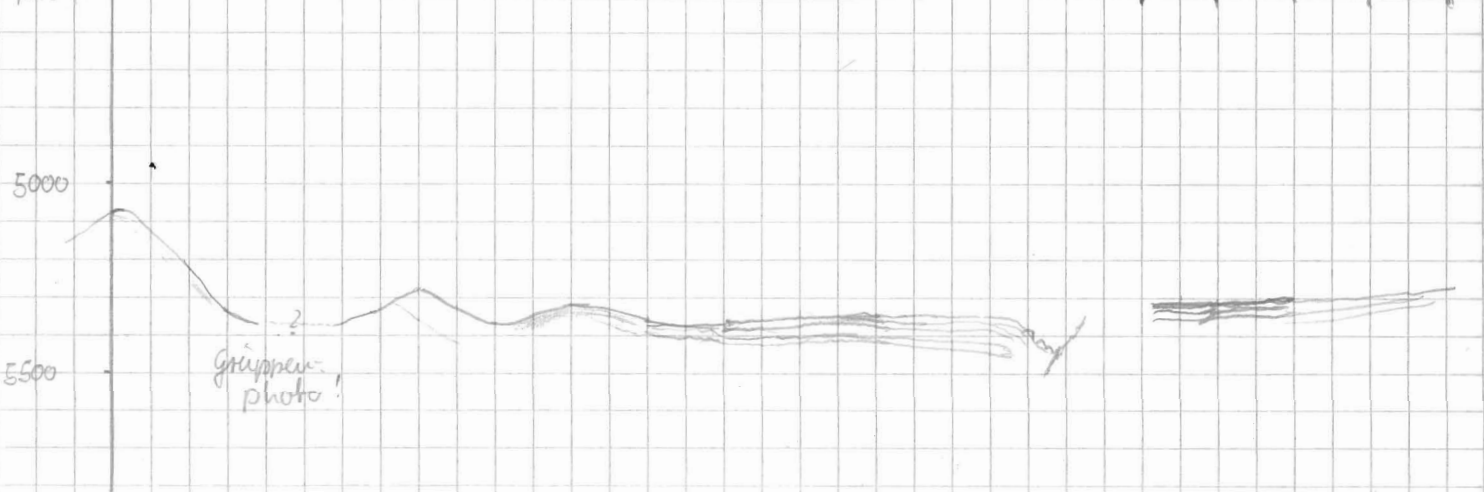
Papier im Protokoll drucker nachgelegt

6:20 Badwechsel 185 → 186



Date	Time UTC	PS [m]	H/S [m]	Lat	Lon	Speed	Course	
16105	08:40	5099	5145	44°11.4'S	30°22.5'E	12.5	313	Uwe Frey
	08:50	-	5229	10.1'S	20.5'	12.0	315	"
	09:00	5384	5406	08.8	18.6	12.2	312	"
	09:10	5370	5402	7.5	16.7	12.1	313	"
	09:20	5280	5317	6.2	14.7	11.5	317	"
	09:30	5378	5418	4.9	12.9	11.4	314	"
	09:40	5361	5392	3.6	10.8	11.7	313	"
	09:50	5376	5414	2.3	9.0	11.8	313	"
	10:00	5379	5420	0.8	6.9	11.7	315	"
	10:10	5374	5411	43°59.53	4.98	12.1	317	Kulun
	10:20	5370	5405	58.3	3.3	11.9	311	"
	10:30	5368	5408	56.9	30°01.2	11.5	311	V. Speck
	10:40							
	10:50	5342	5367	54.3 S	29° 57.4 E	13.0	311	
	11:10		5260	51.8 S	53.5 E	12.7	318	
	11:20		5356	50.5 S	51.9 E	12.4	316	
	11:30	5319	5347	49.1 S	49.8 E	12.5	312	
	12:00	5344	5378	45.2 S	44.0 E	12.4	316	
	12:10		5420	44.0 S	42.1 E	12.1	313	
	13:40		5463	32.4 S	24.9 E	11.5	312	
	13:50	5395	5426	31.2 S	23.1 E	11.7	317	
	14:10	5366	5417	28.5 S	19.2 E	11.9	314	
	14:40	5382	5412	24.7 S	13.8 E	11.4	309	
	15:00	5	5331	22.3 S	10.1 E	11.4	311	
	15:10	5275	5306	21.1 S	08.2 E	11.5	312	
	15:30	5305	5329	18.5 S	04.2 E	11.4	315	
	15:53	5309	5336	43°15.6' S	29°00.3'E	11.7	313	J. Giesel
	16:00	5304	5324	14.7' S	28°59.0'E	11.9	312	
	:10	5302	5324	13.5' S	57.1'E	11.8	313	
	:20	5249	5150	12.2' S	55.3'E	11.5	313	
	17:00	5247	5275	07.2' S	48.1' E	12.0	313	
	17:15	5235	5265	05.2' S	45.1' E	11.8	314	
	17:30	5175	5216	03.5' S	42.6' E	11.8	313	
	17:45	5183	5040	00.8' S	38.6' E	12.4	312	
	18:20	5194	5167	42 56.9' S	32.8' E	11.4	311.7	H. Hohmann
	18:35	5177	5150	55.0' S	30.1' E	11.8	312.7	
	19:00	-	5126	51.8' S	25.4' E	11.9	312.9	
	19:15	-	4719	49.6' S	22.5' E	11.9	313.8	
	19:30	-	4098	48.2' S	20.0' E	11.3	312.4	
	19:40	-	4742	46.5' S	17.8' E	11.7	312.9	

4500 08:40 09:00 09:30 10:00 10:30 11:00 11:30 12:00 12:30



Journal

PS Freq [kHz]	PS Puls	Reg freq	Reg Length	Wait Time	Duke Pact	Dex Roll
4	2	40	266 372ms	0	0	21

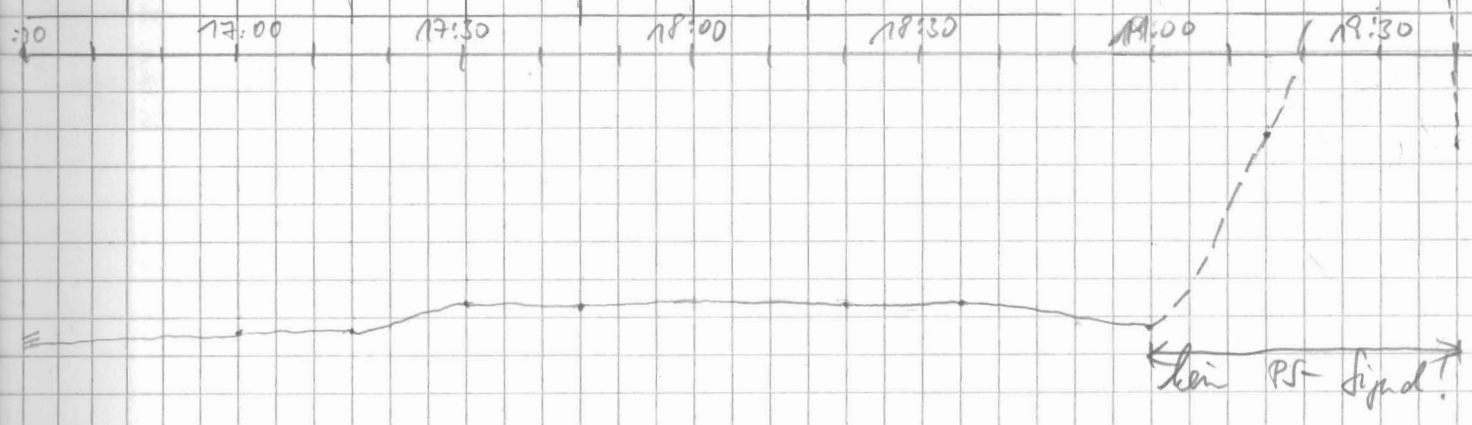
204

266

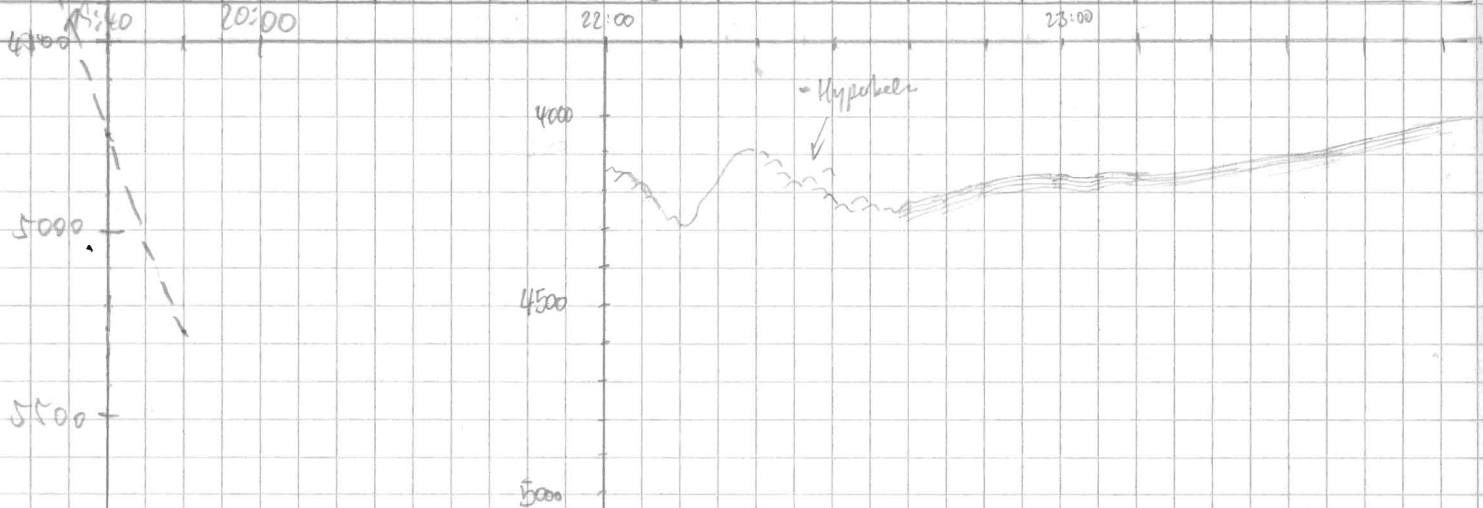
372

4 2 40 372 0 0 21

18:19 Bandwidth 186 → 187



DATE	TIME	PJ [m]	HS [m]	LAT	LOX	SPEED	COURSE	"Fitz des veldchen 15-Signals"
16.05.94	19:50	4408	5271	42° 45.0 S	28° 15.7 E	11.5	312.1	H. Dommers
	20:00	5174	5173	42.9 S	14.2 E	11.3	312.7	"
	20:10	-	5282	42.6	12.3	11.7	312.6	H. Rudow
	20:20	-	5123	41.4	10.7	11.6	315.3	
	20:30	4897	4918	39.7	8.2	11.9	312	
	20:40	5039	5037	38.6	6.6	11.9	312	Daniel
	20:50	4988	5041	37.6	5.1	11.6	315	
	21:00	-	4970	34.7	2.3	11.6	312	
	21:10	4930	4945	34.1	0.1	11.6	314	
	21:20	5120	5149	33.4	27° 58.9	11.8	3109.4	
	21:30	4999	4979	32.4	57.3	11.9	308	
	21:40	4140	4868	31.4	55.4	11.4	308	
	21:50	-	4146	30.2	53.2	11.7	308	
	22:00	-	4160	29.1	51.5	11.3	313	
	22:10	4284	4324	27.3	49.6	11.4	316	
	22:20	4110	4148	26.4	48.0	11.2	317	
	22:30	-	4214	25.0	46.3 E	11.1	317	
	22:40	4223	4249	23.7	44.6 E	11.6	317	
	22:50	4188	4217	22.5	43.0 E	11.8	313	
	23:00	4155	4177	20.9	40.8	11.6	312	
	23:10	4152	4173	19.8	39.0	11.2	310	
	23:22	4148	4167	18.3	36.7	11.3	310	
	23:30	4117	4148	17.3	35.2	11.4	315	
23:45	4069	4095	15.6	32.7	11.7	315		
17.05.94	00:00	3996	4016	13.4	29.7	11.9	313	
	00:10	3986	4002	12.4	28.3	11.5	311	
	00:20	3944	3955	10.9	26.0	12.0	310	
	00:34	3896	3901	09.2	23.6	11.6	310	
	00:40	3895	3900	08.5	22.6	11.9	311	
	00:50	3895	3903	07.4	20.9	11.6	311	
	01:00	3900	3906	06.2	19.1	11.7	312	
	1:10	3894	3803	4.9	17.4	11.9	314	Bernd
	1:20	3858	3864	3.7	15.7	11.9	313	
	1:30	3810	3811	2.5	13.8	11.6	313	
	1:40	3816	3816	1.2	12.1	11.7	313	
	1:50	3809	3804	41° 59.9 S	10.1 E	11.2	316	
	2:00	-	3775	41° 58.2 S	7.7	12.0	313	
	2:20	3601	3586	56.1	4.7	11.9	313	
	2:30	3455	3448	54.7	2.7	12.2	314	
2:50	3342	3341	52.4	26° 59.3 E	11.8	312		
3:00	-	3319	50.9	57.3	12.2	312		

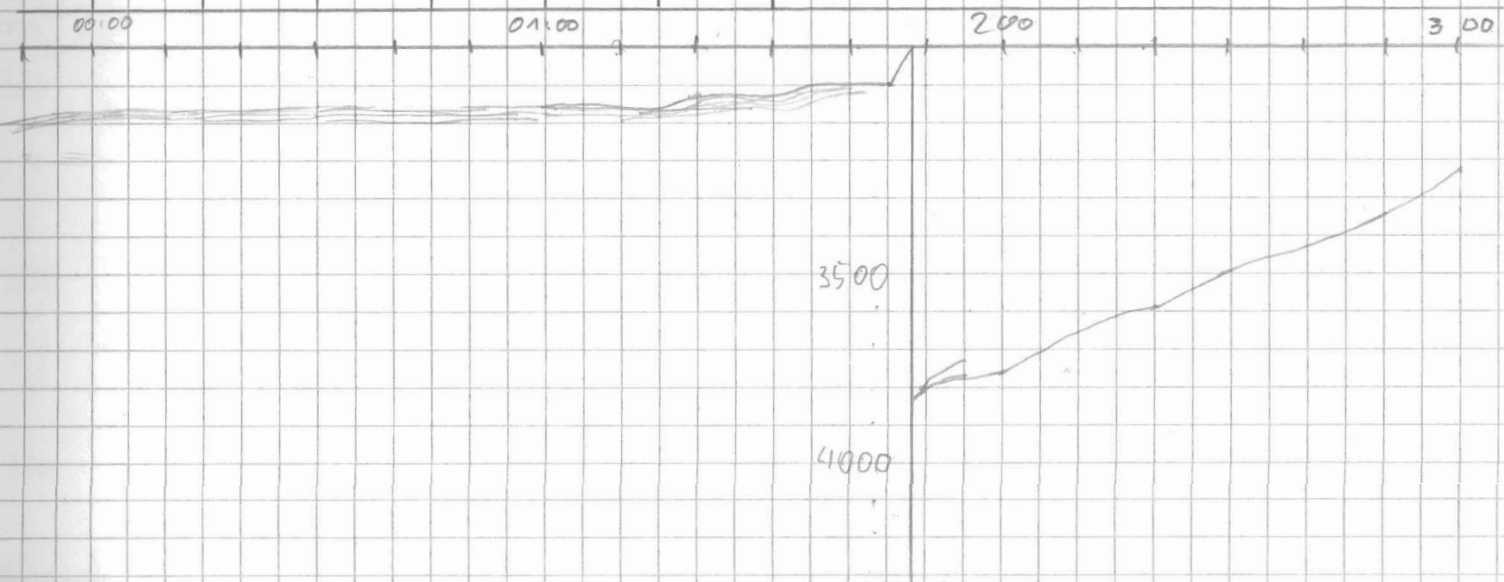


RS-Tagen	RS-Punkte	Rec. Freq.	Rec. Length	Wain time	Data Reduction	Obs. No.
						21

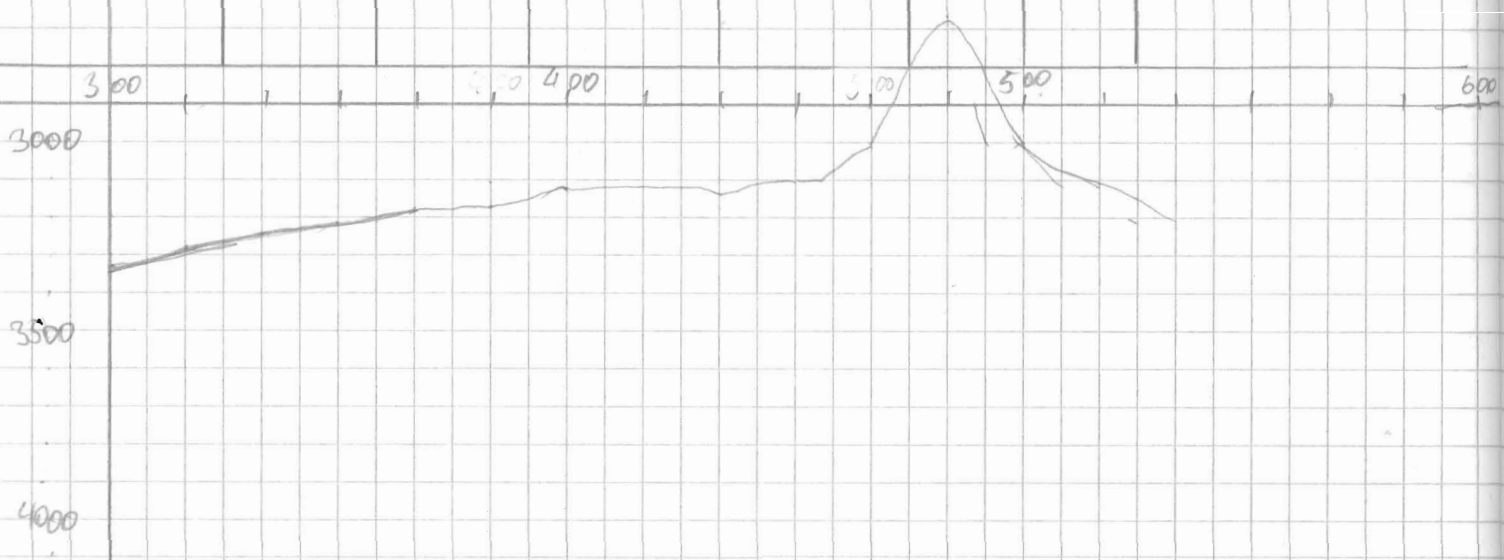
Mensch, wet is los?

Mensch, Henry, jetzt bist Du dran!

00:32 Badwechsel #130-191



Date	Time	PS	HS	Lat	Lon	Speed	Course	Watch
17.5.	3:10	3286	3282	41°49.9 S	26°55.9 E	12	312	Bernal
	3:20	3258	3250	47.8	53.1	11.4	312	
	3:30	3225	3219	46.8	51.5	12.2	312	
	3:40	3186	3175	45.7	49.7	12.0	313	
	3:50	3182	3182	44.1	47.4	11.8	315	
	4:00	3158	3153	43.1	46.1	11.8	314	
	4:20	3142	3135	40.4	42.1	12.2	312	
	4:30	-	3109	38.3	40.4	12.1	311	
	4:40	3030	3023	38.0	38.5	11.1	313	
	4:50	3018	2680	36.7	36.6	11.3	314	
	5:00	3056	3044	35.5	34.9	12.7	317	
	5:20	3132	3118	32.8	31.6	10.3	313	
	5:30	3230	3210	31.4	29.9	11.5	316	
	5:40	3188	3173	29.9	27.7	11.3	312	
	6:00	3199	3186	41°27.8	26°24.3	11.5	307.3	M Breakfast
	6:10	3173	3154	26.8	22.5	11.4	311.7	
	6:20	3204	3188	25.7	20.3	11.1	305.6	
	6:30	3163	3148	24.6	18.3	10.8	307.4	
	6:40	3155	3141	23.6	16.5	10.8	305.7	
	6:50	3129	3112	22.4	14.4	10.8	310.6	
	7:00	3114	3099	21.3	12.5	10.8	315.4	
	7:10	3091	3078	20.1	10.7	11.8	309.1	
	7:20	-	3066	19.0	8.8	11.7	309.2	
	7:30	3071	3051	17.7	6.8	11.3	311.2	
	7:40	3061	3040	16.6	5.3	10.3	312.9	
	7:50	3060	3042	15.2	3.6	10.7	320.5	
	8:00	3071	3049	13.8	1.9	8.9	314.1	W. Midule
	8:10	3087	3068	12.4	25°00.2	10.4	322.5	
	8:20	3088	3068	11.3	58.9	11.6	316.2	
	8:40	3027	3017	8.5	55.8	10.9	321.9	
	8:50	3026	3027	7.2	54.4	11.4	321.2	
	9:00	3005	3011	5.4	51.7	11.6	315.3	
	9:10	2984	2986	4.7	50.9	11.0	315.8	
	9:20	2983	2982	3.1	48.5	10.4	314.4	
	9:30	2972	2971	2.3	47.5	11.4	318.4	
	9:50	2913	2902	40°59.9	25°43.8	11.6	314.9	
	10:00	2881	2867	58.7	41.2	11.0	315	W. Frey



PS-Freq	PS-Faktor	Reg-Fr.	Reg-Len	Wart	Data Rate	Deso Roll
4	2	40	372	0	0	21

133

Range 3

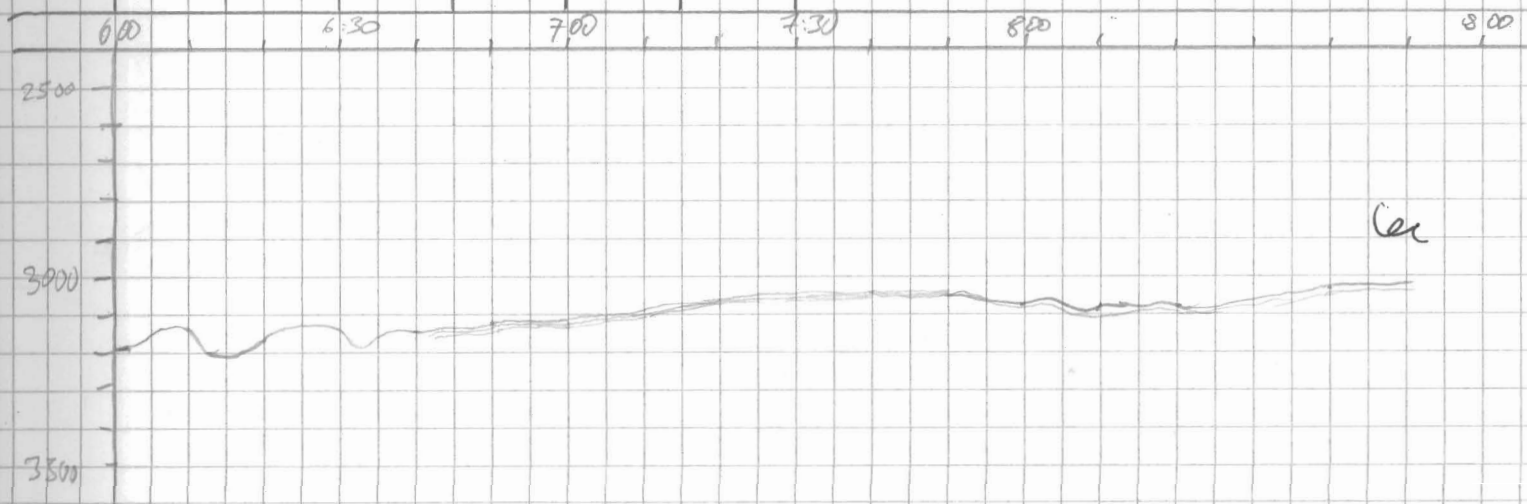
X15T

266

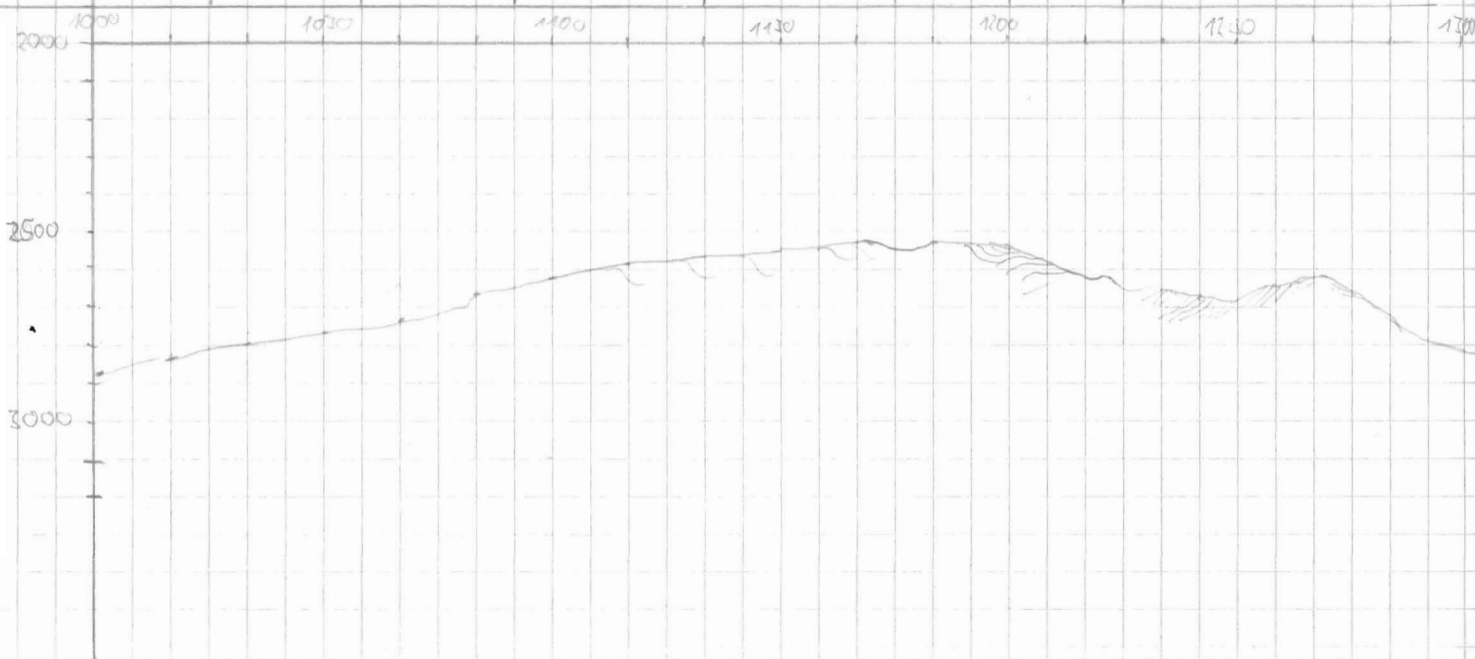
Range 4

22

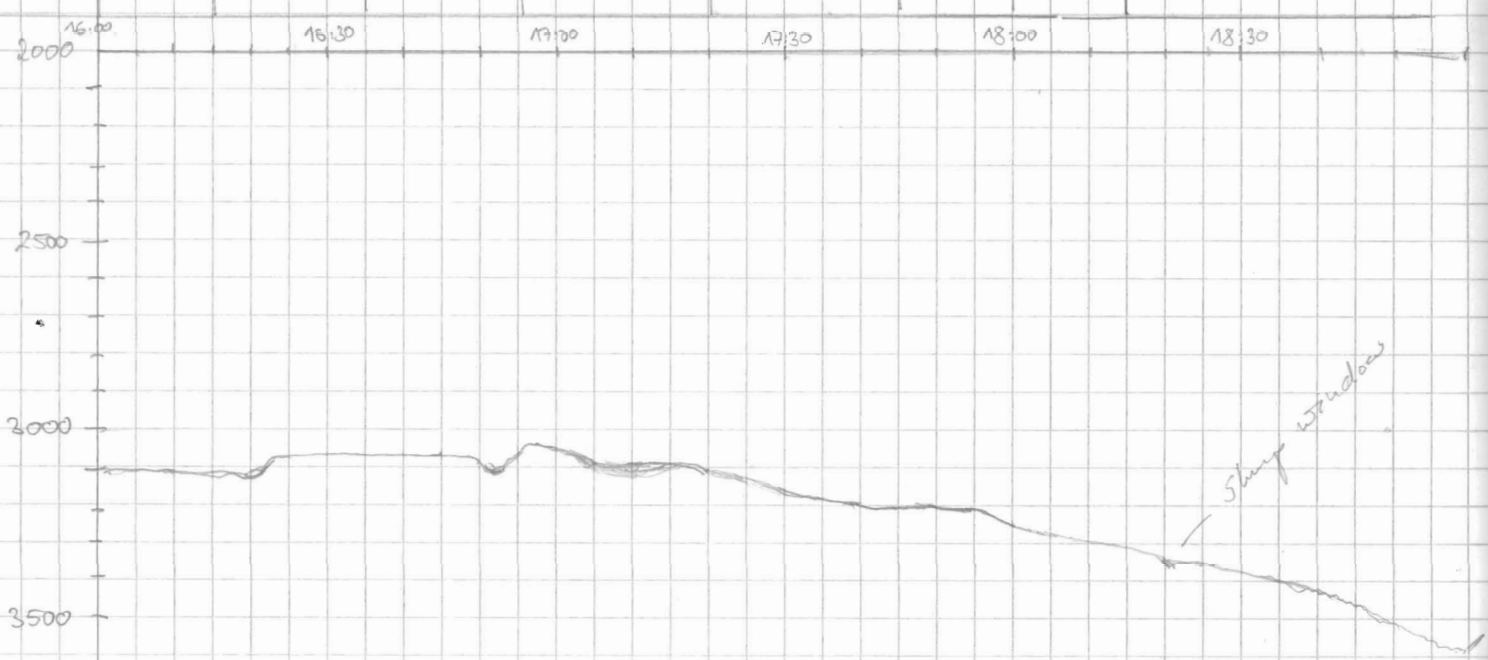
Deso - Wechsel Folie 21 -> 22



Date	Time	TS [m]	HS [m]	Lat [°']	Long [°']	Speed [km/h]	Course [°]	
17/05	10:10	2835	2818	40° 57.2' S	25° 40.6' E	11.7	318.7	Uwe Frey
	10:20	2784	2783	56.1	39.0'	11.6	316	"
	10:30	2763	2746	54.7	37.1	11.0	313	"
	10:40	2725	2709	51.3	35.4	13.1	317.5	"
	10:50	2654	2658	52.3	33.7	12.2	319.5	"
	11:00	2624	2611	51.1	32.0	12.7	315	"
	11:10	2595	2586	50.0	30.4	11.8	316	"
	11:20	2568	2561	48.8	28.8	12.0	315	"
	11:30	2556	2544	47.5	27.7	11.2	316	"
	11:40	2524	2518	46.2	25.2	11.6	314	"
	11:50	2511	2504	45.1	23.8	11.7	314	"
	12:00	2539	2528	43.8	22.0	11.3	316	"
	12:10	2607	2597	42.7	20.7	10.7	315	"
	12:20	2684	2681	41.2	18.8	10.7	312	F. Zwin
	12:30	2733	2731	40.3	17.4	10.7	311	David
	12:40	2704	2705	39.1	15.6	11.3	312	
	12:50	2736	2733	38.1	14.1	10.7	311	
	13:00	2816	2807	36.6	11.7	11.3	308	
	13:10	2867	2856	35.5	09.7	11.2	307	
	13:20	2888	2874	34.8	08.5	11.6	308	
	13:30	2923	2907	33.5	06.5	11.2	313	
	13:40	2940	2926	32.7	05.5	10.7	316	
	13:50	-	2919	31.0	03.4	10.6	317	
	14:00	2934	2916	29.6	02.2	10.8	318	FN
	14:20	2928	2960	27.8	00.2	11.1	310	
	14:30	3020	3004	26.2	74° 57.6' E	10.5	305	
	14:50	3058	3014	23.9	54.0	10.1	307	
	15:10	3019	3033	22.1	51.3	10.0	305	
	15:30	3066	3051	20.2	48.5	11	305	
	15:40	3084	3067	19.2	47.0	10.3	301	
	15:50	3121	3108	18.0	45.4	9.9	306	
	16:00	3119	3107	17.1	44.2	9.5	310.4	Helmet
	16:10	3121	3109	15.9	42.5	9.4	311.2	



Date	Time [UTC]	PS [m]	HS [m]	Lat [°]	Lon [°]	Speed [km]	Course [°]	
17/05	15:20	3128	3128	40° 15.0'	24° 41.3'	10.8	304.1	Helmet
	16:30	3075	3073	14.1	39.8	10.1	309.1	
	16:40	3077	3083	13.0	38.5	9.2	303.4	
	16:50	3104	3105	12.0	37.0	9.6	313.6	
	17:00	3026	3026	11.0	35.6	10.0	309.9	
	17:10	3084	3084	09.8	34.0	10.2	307.7	
	17:20	3085	3096	08.8	32.5	10.0	314.3	
	17:30	3165	3150	07.8	31.0	10.1	313.3	
	17:40	3192	3192	06.6	29.5	10.4	312.3	
	17:50	3204	3193	05.5	27.9	10.8	311.9	
	18:00	3233	3229	04.4	26.3	10.5	308.7	
	18:10	3302	3283	03.4	24.7	10.6	311	10. Spin
	18:20	3294	3297	02.4	23.2	10.0	309	
	18:30	3330	3327	01.3	21.4	12.1	309	
	18:40	3408	3409	39° 59.2' S	24° 19.0' E	12.8	309	
	18:50	3499	3501	58.8	17.5	12.9	309	
	19:00	3614	3585	57.5	15.3	12.7	311	
	19:10	3649	3660	56.1	13.4	14.1	314	
	19:20	3690	3702	55.0	11.5	12.6	315	
	19:30	—	—	—	—	—	—	
	19:40	3841	3851	52.3	08.0	12.3	315	
	19:50	3975	3985	50.9	06.2	12.4	316	
	20:00	—	4076	49.6	04.6	12.7	315	
	20:10	4149	4170	48.2	02.6	12.3	313.6	H. Hammer
	20:20	4258	4272	46.8	00.8	13.0	317.9	
	20:30	—	4331	45.6	23° 59.1	12.3	315.4	
	20:40	4469	4475	44.2	57.2	12.7	316.2	
	20:50	4561	4546	43.1	55.5	12.3	314.0	
	21:00	4616	4600	41.8	53.7	12.6	314.7	
	21:10	—	4708	40.6	51.7	12.9	312.0	
	21:20	4843	4844	39.3	49.9	12.6	313.8	
	21:30	4889	4885	38.0	48.2	12.8	313.1	
	21:40	4921	4943	36.7	46.4	11.8	311.4	
	21:50	4952	4971	35.6	44.7	12.7	318.4	
	22:00	5023	5011	34.3	43.1	10.9	313.3	Daria
	22:15	5020	5021	33.1	40.3	10.5	320	
	22:20	4998	4968	31.4	39.4	8.9	326	
	22:30	4986	4951	30.5	38.7	9.6	322	



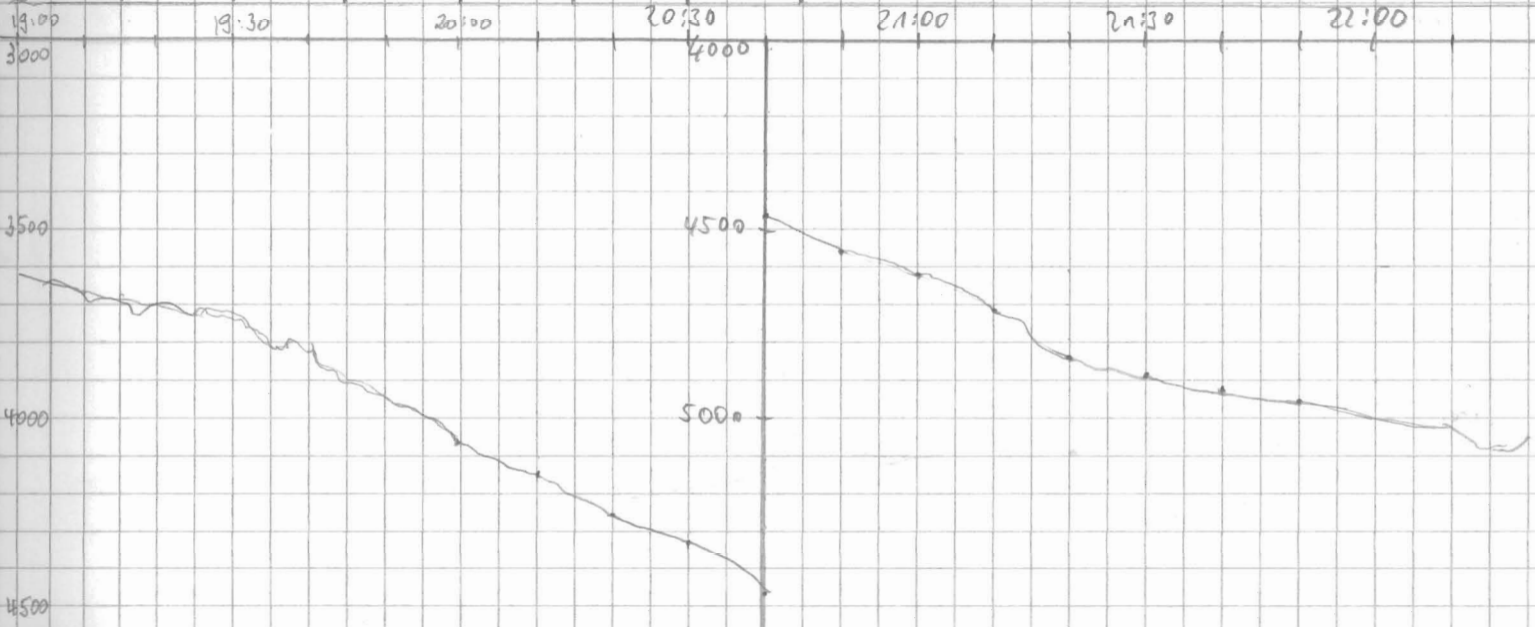
PS-Freq PS-Pulse Reg Freq Reg Lenke Wirt Data Rod DESO

Sag wot!?

4 2 40 266 0 0 22

4 2 40 266 0 0 22

18:10-18:20 Diesel zum Starten einer Maschine an → höheres Rauschen
 Bandwechsel 194 → 195



DATE	TIME [UTC]	PS [m]	HS [m]	LAT [°]	LONG [°]	SPEED [Kn]	COURSE [°]	Wait-Watcher
17.5	22:40	4994	4963	39°23.2' S	23°37.1' E	10.2	321	David
	22:50	5018	5011	27.7	35.6	11.0	322	
	23:00	5015	5042	26.3	35.6	11.8	310	
	23:10	5041	5039	25.8	32.7	11.8	310	
	23:20	5034	5072	24.4	30.8	11.0	310	
	23:30	5062	5050	23.2	29.1	12.0	313	
	23:46	5078	5112	21.3	26.8	11.9	314	
	23:50	5077	5116	20.2	25.3	12.0	313	
18.5	00:00	5085	5122	18.9	23.3	12.4	306	
	00:10	5125	5158	17.9	21.9	12.2	310	
	00:22	5163	5192	16.2	19.6	12.3	310	
	00:30	5177	5218	14.8	17.6	12.2	310	
	00:40	5172	5203	13.9	16.2	11.7	302	
	00:50	5153	5180	12.3	14.00	11.6	308	
	1:00	5155	5182	08.9	08.7	12.1	308	
	01:20	5160	5192	07.7	06.2	11.7	308	
	01:35	5162	5199	07.0	06.0	13.0	317	
	01:40	5165	5208	06.3	05.1	12.3	318	
	01:50	5175	5229	04.6	03.1	13.1	318	
	02:20	5177	5231	00.4	22°57.8	E 12.4	308	Bernal
	2:30	5184	5242	28°59.4 S	22°56.4	E 12.1	311	
	2:40	5180	5227	58.0	54.3	12.7	308	
	2:50	5177	5222	56.3	52.1	13.1	316	
	3:00	5188	5240	55.3	50.6	13.3	314	
	3:00	5182	5242	53.7	48.5	13.5	314	
	3:20	5181	5246	51.5	45.4	13.2	310	
	3:40	5168	5220	49.4	42.4	12.9	314	
	3:50	5124	5186	47.5	39.8	12.4	311	
	4:00	5113	5174	45.8	37.5	13.0	314	
	4:10	5124	5174	44.8	36.1	13.4	313	
	4:20	5146	5188	43.4	34.2	13.2	313	
	4:30	5143	5188	41.9	32.3	13.3	313	
	4:50	5091	5137	39.6	29.1	13.3	313	
	5:00	5088	5136	38.0	26.8	12.7	313	

22:40

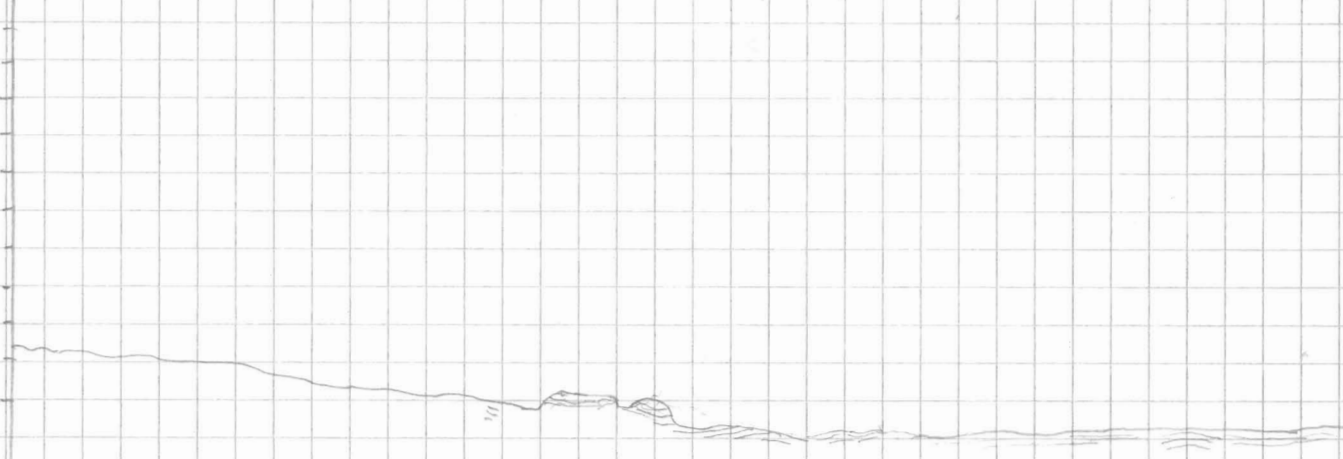
23:00

00:00

01:00

5000

5000



PS-Freq [kHz] PS-Pulse Rept-Freq Replength Wait Date Rec Desc Mensch, sag an was Sache ist!

4 2 40 266 0 0 22

Bandwechsel 23:16 195 -> 196

Bandwechsel 196 -> 197

01:40

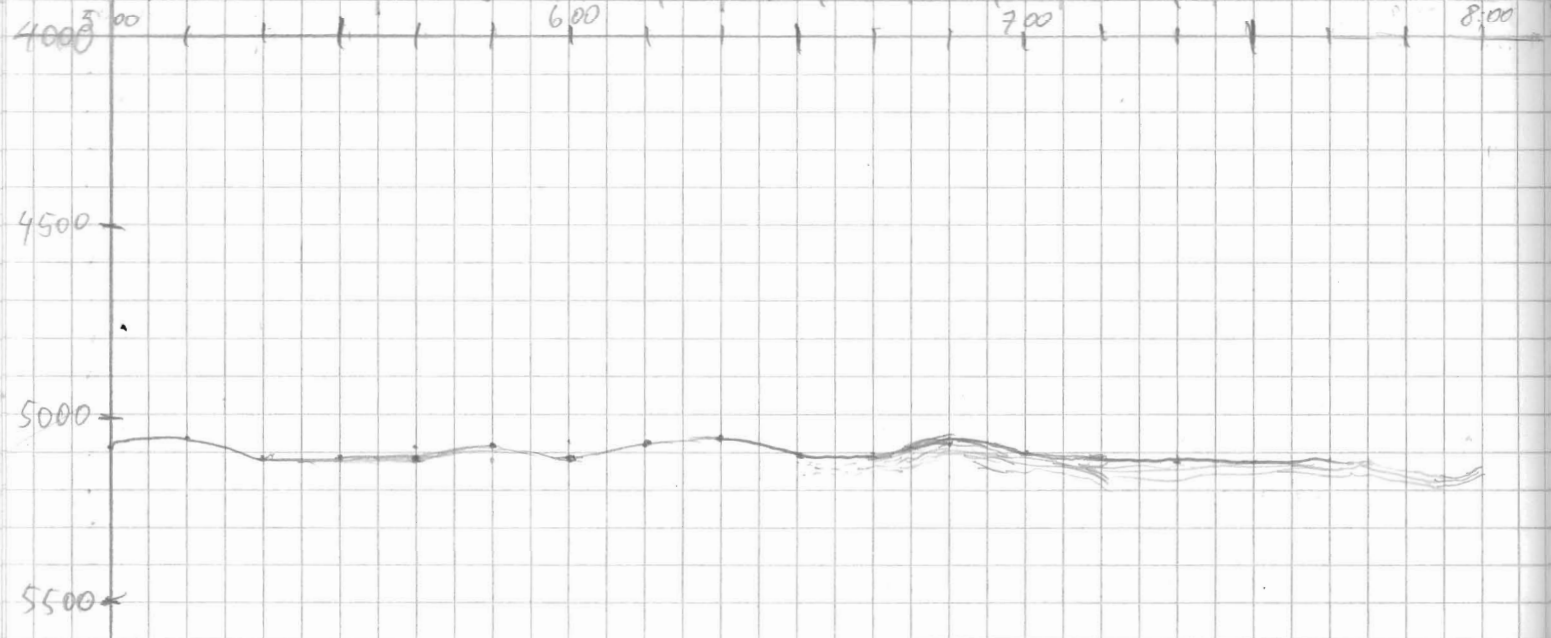
02:00

3:00

6:00

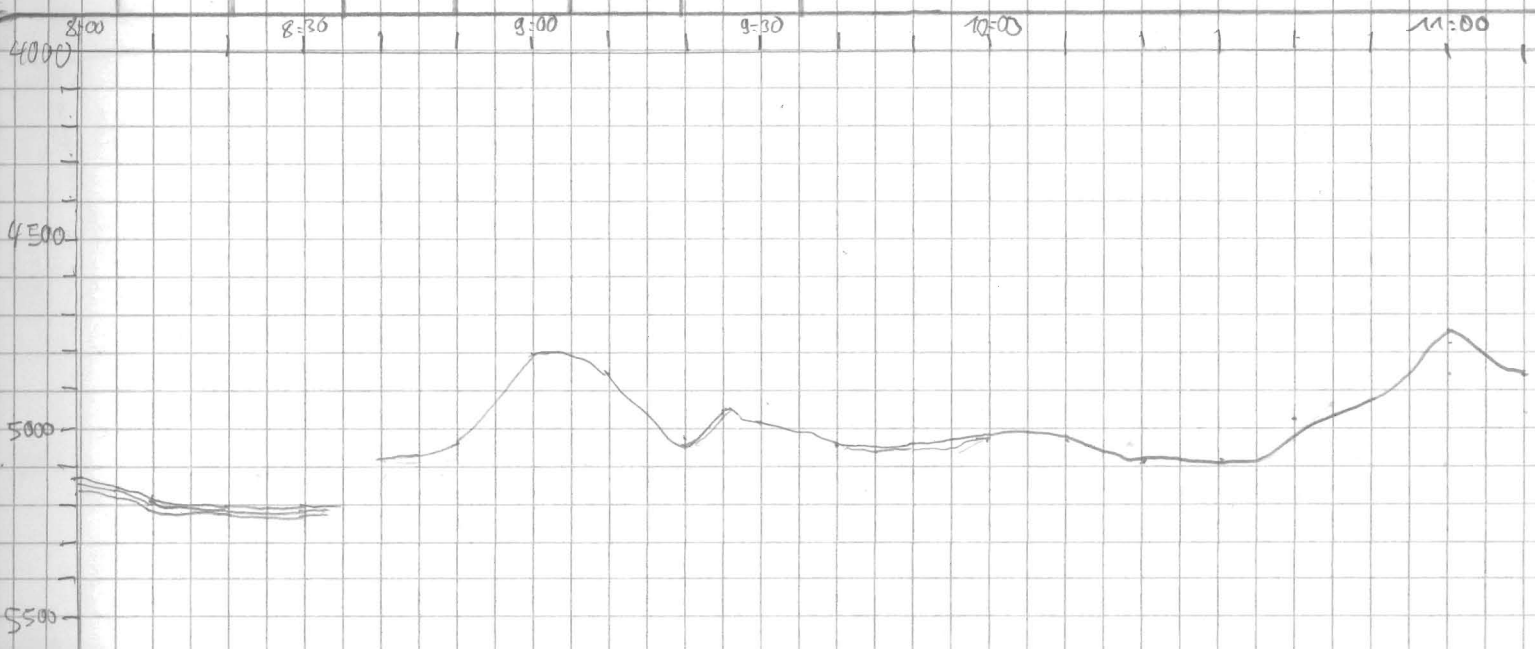


Date UTC	Time UTC	PS [m]	HS [m]	Lat.	Lon.	Speed	Course	Name
18.5	5:00	5089	5136	38° 38.0 S	22° 26.8 E	12.7	313	Bernol
	5:10	5066	5117	36.6	25.0	12.8	313	
	5:20	5106	5161	34.7	22.3	12.8	311	
	5:30	5107	5162	34.0	21.3	14.2	313	
	5:40	5107	5152	31.6	19.1	14.3	312	
	5:50	5093	5148	30.6	16.8	14.3	314	
	6:00	5113	5170	28.2	14.8	12.4	313	J. Gjel
	:10	5083	5155	27.8	12.9	12.4	313	
	:20	5074	5142	26.4	10.9	13.0	315	
	:30	5101	5170	24.6	09.5	12.6	313	
	:40	5103	5161	23.5	06.8	13.0	314	
	:50	5081	5139	21.8	04.5	13.3	311	
	7:00	5100	5140	20.2	02.2	13.5	313	
	:10	5176	5170	19.0	00.5	13.4	312	
	:20	5172	5176	17.6	21° 58.5' E	13.4	312	
	:30	5132	5189	16.1	56.3	13.7	312	
	:40	5122	5174	14.9	54.5	13.3	311	
	:50	5165	5215	13.5	52.3	14.1	311	
	8:00	5189	5237	12.2	50.3	12.9	309.9	U. Braekhuver
	8:10	5209	5263	11.1	48.3	12.6	310.4	"
	8:20	5220	5280	9.7	46.1	13.2	309.4	"
	8:30	4577	5292	8.4	44.2	12.9	311.5	"
	8:40	-	5139	7.1	42.1	13.0	310.8	"
	8:50	-	5048	5.4	39.8	13.1	311.9	"
	9:00	3850	4988	4.5	38.5	13.4	311.2	"
	9:10	-	4906	3.2	36.3	11.6	310.4	"
	9:20	-	5045	1.9	34.4	13.3	310.4	"
	9:30	4979	5025	0.6	32.6	13.5	322	"
	9:40	5053	5099	37° 58.8	31.9	13.9	322.7	"
	9:50	5074	5071	57.2	29.3	13.7	323.4	"
	10:00	5028	5074	55.5	27.7	13.5	320.0	U. Michels
	:10	5032	5077	53.8	25.8	13.7	318.7	"
	:20	-	5120	52.3	24.0	13.4	318.4	"
	:30	5064	5120	50.7	22.2	13.4	316.5	"
	:40	-	5021	48.0	20.0	13.9	314.0	"
	:50	-	4917	47.6	18.2	13.3	314.9	"
	11:00	4717	4791	46.2	16.3	13.1	313.8	"
	:10	-	4850	44.6	14.2	14.1	313.7	"



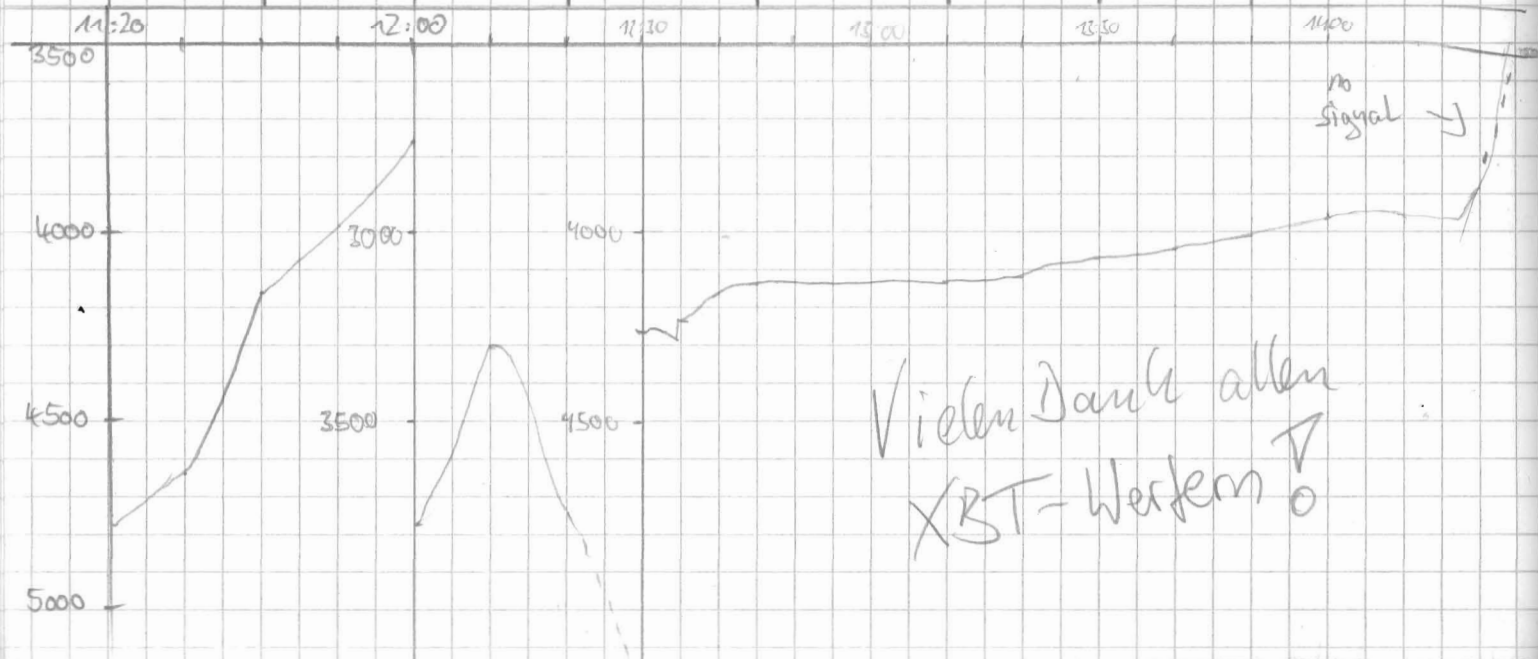
RS-Freq kHz	RS-Pulse Hz	Reg-Freq kHz	Reg-Len ms	Wait s	Da Reed %	Deso Rolle
4	2	40	266	0	0	22
4	2	40	266	0	0	22

Bondwechsel 197-198, 7:30



Date UTC	TIME	PS	HS	LATITUDE	LONGITUDE	SPEED	COURSE	TYP
18.5.	11:20	4781,6	4793	37°43,1	21°12,1	14,3	313,5	W. Middle
	11:30	-	4624	41,6	10,1	13,5	312,5	"
	11:40	4118	4153	39,9	7,7	13,9	315,0	"
	11:50	3990	4017	38,7	6,1	12,5	316,8	"
	12:00	3766	3775	37,2	4,0	13,6	318	Uwekey
	12:10	-	3287	35,5	2,4	14,3	325	"
	12:20	-	3750	33,7	0,8	15,1	330	"
	12:30	4262	4265	31,6	20°59,4'E	13,6	339	"
	12:40	4167	4165	29,8	58,1	14,3	339	"
	12:50	4139	4152	27,7	50,6	14,0	334	"
	13:00	4142	4150	25,9	52,2	13,5	334	"
	13:10	4136	4148	23,9	53,6	12,6	335	"
	13:20	4116	4137	22,0	52,1	13,6	331	"
	13:30	4080	4100	20,0	50,4	14,0	338	"
	13:40	4037	4060	18,3	49,0	13,4	337	"
	13:50	3986	4004	16,5	47,3	12,1	338	"
	14:00	3957	3967	14,6	45,7	14,2	327,9	F. Zwin
	14:10	3961	3958	12,7	44,1	14,4	324,4	"
	14:20	3904	3892	11,4	42,9	2,5	356,2	"
	14:30	3600	3544	10,3	41,7	13,6	332,7	"
	14:40	2406	2396	8,5	40,6	12,3	351,9	"
	14:50	1786	1780	6,4	39,1	14,5	330	"
	15:00	1470	1386	4,5	37,5	14,9	377	F. Zwin
	15:10	1174	1182	2,7	35,8	13,9	324	"
	15:20	1072	1070	0,8	34,0	14,6	725	"
	15:30	286	1006	36°58,8	32,7	14,7	325	"
	15:40	923	917	36°57,	30,6	13,7	327	"
	15:50	863	859	55,2	29,	13,2	328	↳ botruken!
	16:00							

DATA SOUND / PARADYMA abgedaljet



PS-FREQUENZ PS-FULSE REG-FR REG-LE WAIT DATA-RED DESO

LAMENTIEREREIEN

4 2 40 766 0 0 27

letzte OZI-Wache
Boje ausgesetzt

F.Dewel nicht mehr in der Lage TILT!

um 23:14 → Ende Tage 201

