

BRUNNEN 

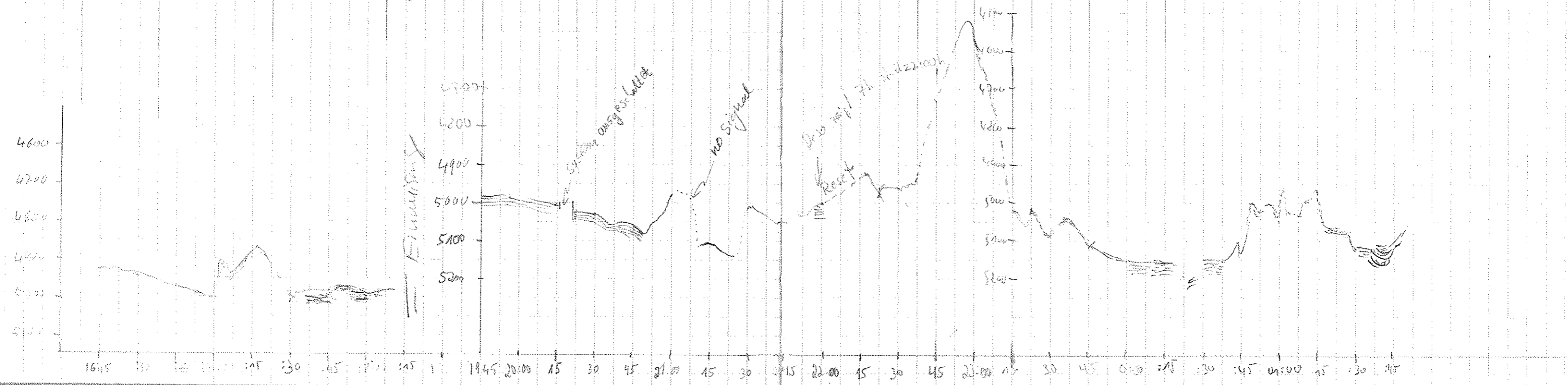
ANT XX/2

14 232
96 Blatt, kariert



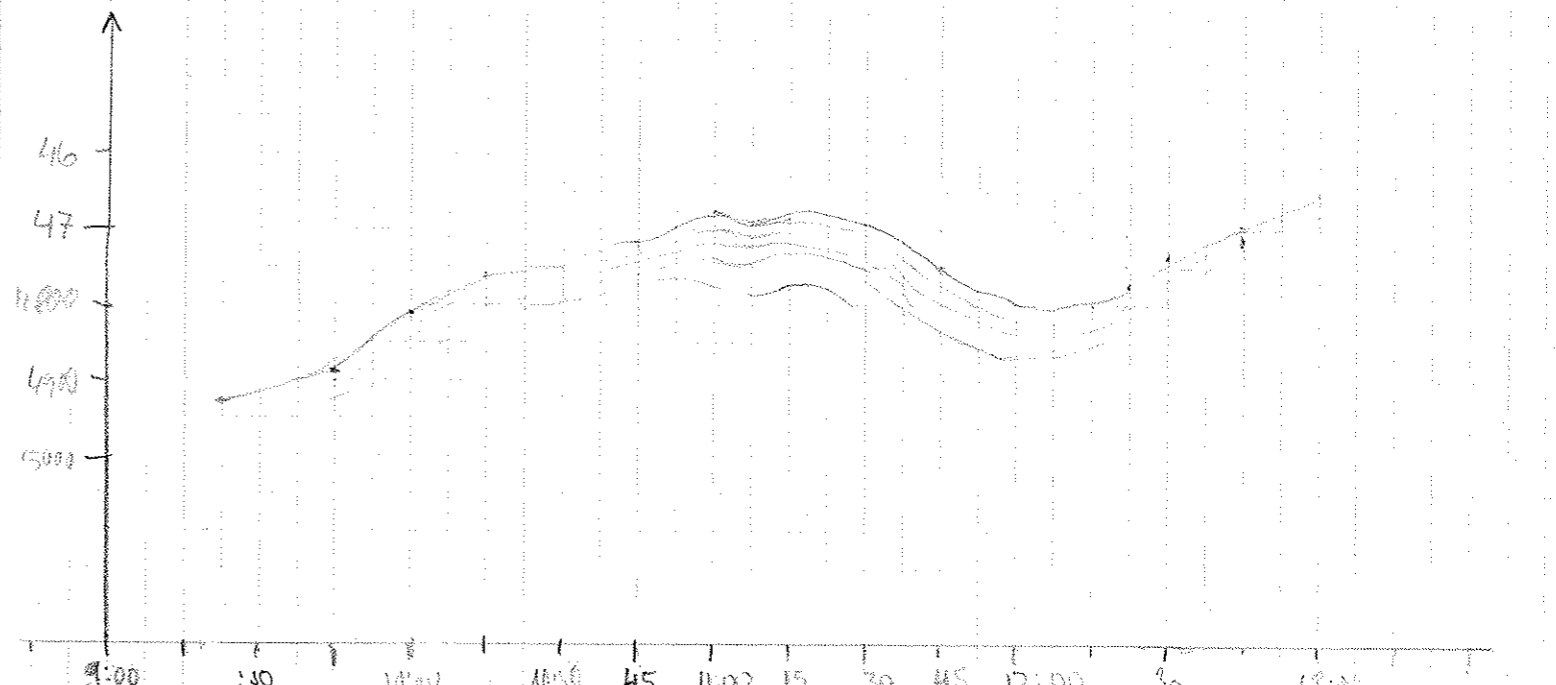
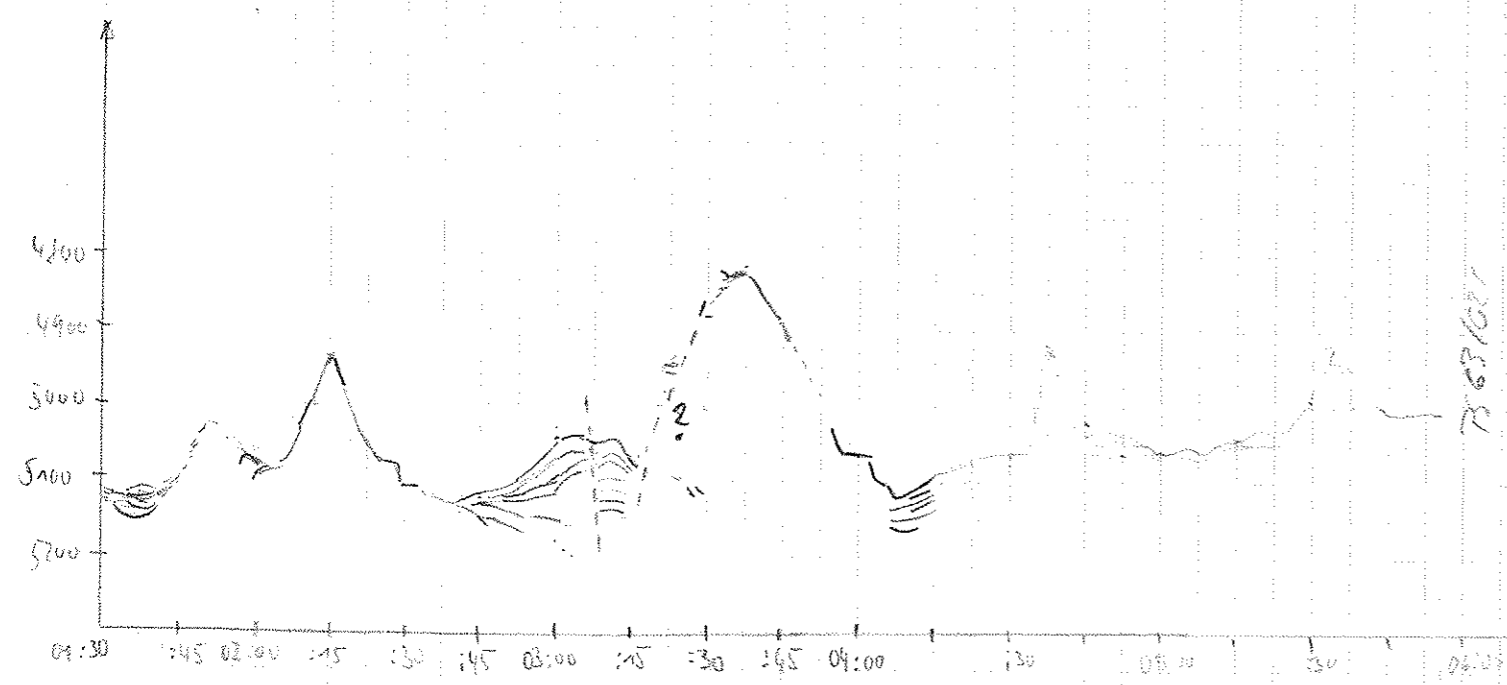
003273009783

2	Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth FRS [m]	Depth IAS [m]	Course [°]	Speed [kn]	Pulse	Rect Length	Wait time	Draw No	Disk No	Watch	Comments
	25.11.2002	16:15	37° 37,36	13° 46,31	4928	4937	224	12,5		266	0	1	1	1	CD1
		16:30	39,45	48,91	4937	4933	218	12,5							Embleyung 10m
		16:45	41,45	41,43	4970	4985	217	12,5							
		17:00	44,37	38,64	4890	4963	218	12,5							
		17:15	46,50	36,37	4947	4981	222	12,0							
		17:30	48,65	33,65	4945	4975	222	12,7							
		17:45	50,83	30,75	4983	5000	233	11,8							
		18:00	52,85	27,45	5013	5029	233	13,3							
		18:15	54,95	24,00	4996	5018	226	15,4							
		19:45	38° 05,91	13° 06,9	4982	4995	239	13,3							Personell Einweisung
		20:00	38° 07,84	13° 00,11	4917	4993	239	13,0							Deso war eine Minute vor "Rechnerzeit" → abgeschaltet und wieder angeschaltet
		20:15	38° 09,30	12° 58,36	5008	5028	239	13,2							→ halt nicht!
		20:30	38° 10,94	12° 52,66	5033	5053	241	13,2							→ Zeit neu eingestellt
		20:45	38° 12,46	12° 49,17	5057	5073	241	13,4							20:16: System aus
		21:00	38° 14,09	12° 45,35	4972	5001	240	13,1							→ Zeit neu eingestellt
		21:15	38° 15,62	12° 41,80	5107	5127	240	13,2							20:21: System wieder neu gestartet
		21:30	38° 17,30	12° 37,90	4981	5035	240	13,4							→ jetzt ist "nur noch" die Zeit auf dem Rechner 10 sek. hinter UTC
		21:45	38° 18,78	12° 34,74	5060	5071	236	13,2							→ 21:10: Zeiten stimmen "vorne und hinten" nicht
		22:00	38° 20,31	12° 31,76	5000	5022	230	13,1							→ hängt das vielleicht mit der Umstellung der Uhren an Bord zusammen?
		22:11	Reset (Lokal)												→ Wir werden bis morgen früh warten
		22:15	Reset (Lokal)												
		22:18	38° 20,36	12° 27,153	4933	4931	231	13,0	2	206	0	1			sehr still
		22:30	38° 20,63	12° 24,31	4961	4980	222	13,1							
		22:45	38° 27,484	12° 21,363	4613	4772	224	13,4							
		23:00	38° 28,82	12° 18,64	4582	4591	223	13,5							
		23:15	38° 32,11	12° 15,15	5026	5041	225	13,8							
		23:30	34,57	12,26	5039	5054	225	13,8							
		23:45	36,44	09,69	5100	5128	225	10,6							
26.11.2002		00:00	38,24	06,72	5122	5148	242	10,7							
		00:15	39,84	04,49	5165	5185	223	10,6							
		00:30	41,83	01,92	5168	5185	225	11,0							
		00:45	43,77	00,50	5088	5127	224	11,0							
		01:00	45,70	56,94	4804	4898	227	10,6							
		01:15	47,10	54,21	4962	5032	225	11,2							
		01:30	49,14	51,89	5035	5087	223	10,8							

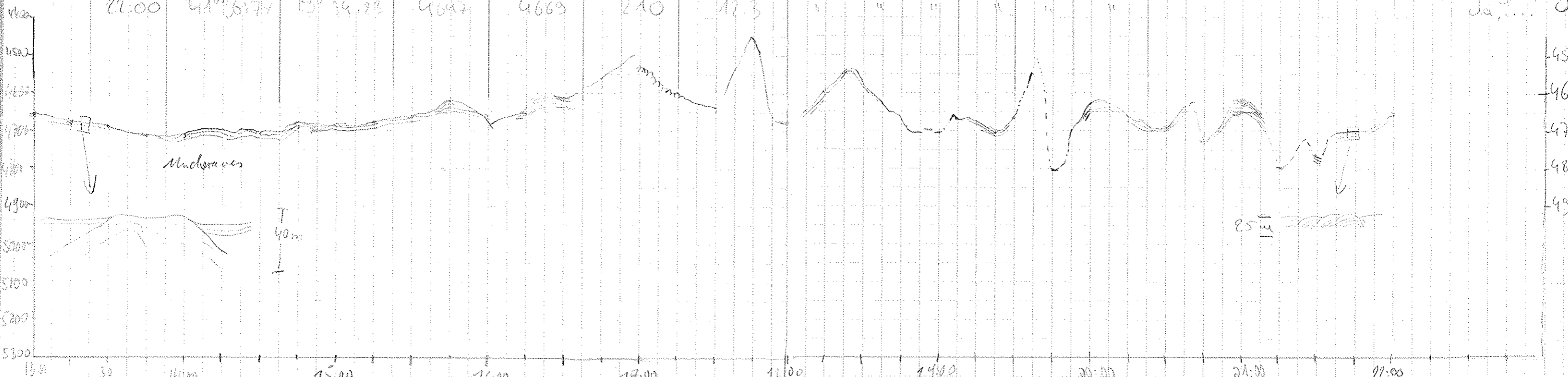


Personell Einweisung
 ~20:06
 Deso war eine Minute vor "Rechnerzeit" → abgeschaltet und wieder angeschaltet
 → halt nicht!
 20:16: System aus
 → Zeit neu eingestellt
 20:21: System wieder neu gestartet
 → jetzt ist "nur noch" die Zeit auf dem Rechner 10 sek. hinter UTC
 ~21:10: Zeiten stimmen "vorne und hinten" nicht
 → hängt das vielleicht mit der Umstellung der Uhren an Bord zusammen?
 → Wir werden bis morgen früh warten
 sehr still
 " "
 " "
 Thomas
 übermy zu ausgeprägten Reflexionen
 Reiter 100m / 100m Reflexionen? bei 00:25
 schwache Reflexionen / kaum Energie
 j
 Graben bei 01:35

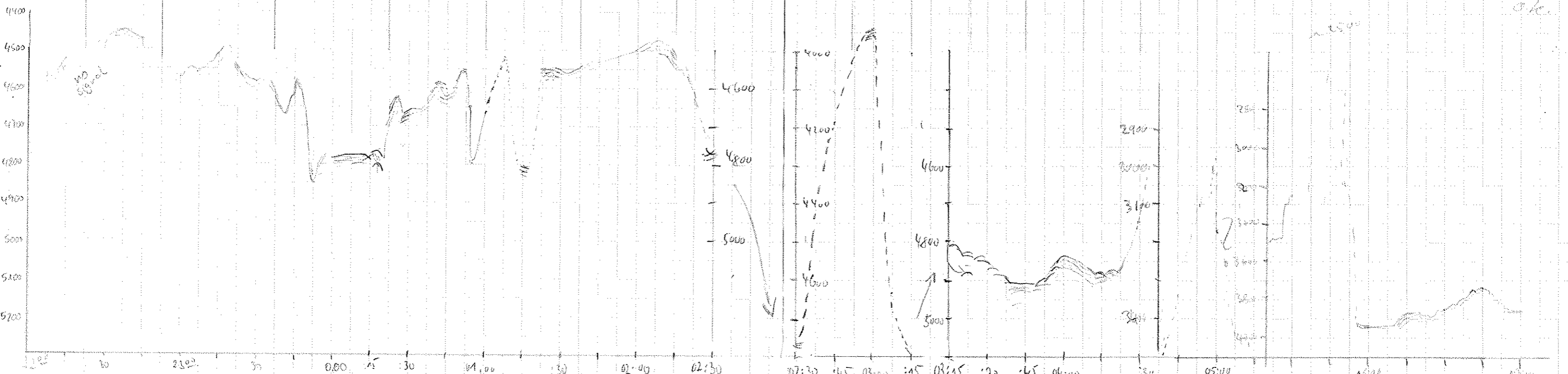
4 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HW [m]	Course [°]	Speed [km]	Pulse	Rec length	Wait Time	Deso No	Disk No	Watch	Comments
26.11.2002	01:45	38° 51,37	11° 49,56	5133	5151	227	10,3	2	266	0	1	1	Thomas J.	
	02:00	53,26	46,92	5086	5104	223	8,5	"	"	"	"	"	"	
	:15	55,20	44,45	4998	4938	227	14,0	"	"	"	"	"	"	
	:30	57,39	41,34	5115	5136	227	13,3	"	"	"	"	"	"	
	:45	59,67	38,08	5113	5117	227	13,8	"	"	"	"	"	"	
03:00	02:08	39° 02,08	34,71	5046	5065	225	14,0	"	"	"	"	"	"	02:42 Auf- bzw. Überschiebung?
	:15	04,43	31,59	5054	5078	225	13,7	"	"	"	"	"	"	03:07 Verwerfung?
	:30	06,86	28,39	4870	4918	226	13,9	"	"	"	"	"	"	sehr schwache Reflexionen Flanke?
	:45	09,27	25,13	4860	4875	227	14,1	"	"	"	"	"	"	Seitenreflexionen
04:00	11,59	11,59	21,88	5084	5102	229	13,3	"	"	"	"	"	"	steile Flanke
	:15	14,25	19,07	5088	5107	209	14,2	"	"	"	"	"	"	
	:30	17,48	16,82	5070	5086	209	14,4	"	"	"	"	"	"	
	:45	20,79	14,49	5026	5005	209	14,4	"	"	"	"	"	"	
05:00	23,52	12,52	11,52	5059	5081	209	14,1	"	"	"	"	"	"	
	:15	26,67	09,36	5019	5038	208	14,1	"	"	"	"	"	"	
	:30	29,66	08,22	4983	4983	209	13,8	"	"	"	"	"	"	
	:45	32,49	06,27	4998	5017	208	10,6	"	"	"	"	"	"	
	00	39° 32,13	11° 03,81	4996	5020	209	3,0	"	"	60	"	"	"	Approaching P303/021, CTD
														Reinspinned → 15 min
														Auf Grund von Versuch Deso-System
														in den Schnitt zu 15 min
														6:00 PS aus, mix geübt, Deso schuld 15 min
														SS-Telegramm skript, geht wieder 09:45
	09:22	39° 56,4	11° 03,4	4917	4936	(140)	(0,9)	"	"	0	"	"	"	
	9:45	39° 38,06	11° 02,31	4846	4864	214	7,6	"	"	"	"	"	Ingrid	
	10:00	39° 34,90	11° 01,09	4814	4830	209	8,9	"	266	"	"	"	"	
	10:15	39° 41,72	11° 59,72	4759	4778	205	9,0	2	266	0	1	1	Claudio H.	gleichmäßige, parallele Strukturen
	10:30	39° 43,50	10° 58,43	4754	4771	213	8,7	"	"	"	"	"	"	
	10:45	39° 45,45	10° 57,09	4710	4728	211	8,1	"	"	"	"	"	"	
	11:00	no data	no data	4685	4724	212	8,4	"	266	"	"	"	"	Eindringtiefe ~ 40 m
	11:15	"	"	4694	4724	212	8,4	"	"	"	"	"	"	Uls Computer läuft nicht mit Lat./Long
	11:30	"	"	4698	4703	208	12,0	"	"	"	"	"	"	11:20 Uls läuft wieder
	11:45	39° 54,05	10° 50,92	4739	4758	208	7,6	"	"	"	"	"	"	11:21 " bleibt stehen
	12:00	39° 56,25	10° 49,39	4783	4800	210	11,7	"	"	"	"	"	"	11:34 Uls/Lat/Long wieder ok
	12:15	39° 58,75	10° 47,55	4774	4793	211	11,4	"	"	"	"	"	Christian	12:10 Datum, Zeit wieder o.k. (Deso)
	12:30	40° 01,29	10° 45,66	4719	4738	210	11,5	"	"	"	"	"	"	
	45	40° 03,76	10° 43,53	4686	4706	209	11,7	"	"	"	"	"	"	



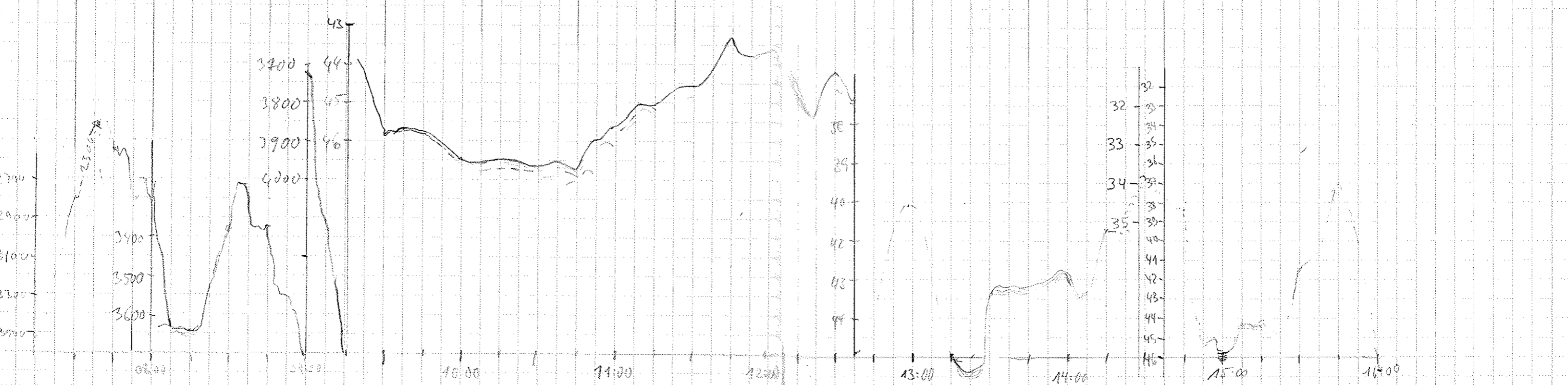
Date	Time UTC	Latitude E S	Longitude E W	Depth PS 2m3	Depth HA 2m3	Course E°W	Speed (kts)	Pulse	Record Length	Wait Time	Dist No	Dist No	Watch	Comments
26.11.02	13:00	40° 06' 32	10° 42' 07	4659	4680	210	11.7	2	266	0	1	1	Christian	(500 m)
	15	40° 08' 39	10° 04' 27	4682	4707	209	11.7	"	"	"	"	"	"	ab 17:05 hartes Chalksteine, feine Eindrückung
	20	40° 11' 31	10° 38' 50	4693	4708	209	9.7	"	"	"	"	"	"	
	45	40° 14' 31	10° 36' 30	4700	4717	209	12.8	"	"	"	"	"	"	
	14:00	40° 10' 70	10° 34' 55	4717	4727	207	12.7	"	"	"	"	"	"	
	15	40° 19' 48	10° 32' 53	4712	4735	211	12.7	2	266	0	7	7	Gerd	
	30	40° 22' 17	10° 30' 60	4709	4728	209	12.5	"	"	"	"	"	"	
	45	40° 24' 80	10° 28' 73	4680	4696	207	7.0	"	"	"	"	"	"	
	15:00	40° 25' 87	10° 28' 05	4674	4697	212	4.3	"	"	"	"	"	"	
	15	40° 26' 63	10° 27' 45	4674	4692	209	3.8	"	"	"	"	"	"	
	30	40° 27' 50	10° 26' 79	4664	4686	210	3.8	"	"	"	"	"	"	
	45	40° 29' 12	10° 25' 50	4622	4640	210	12.8	"	"	"	"	"	"	
	16:00	40° 31' 97 S	10° 23' 40 E	-	4711	210	12.3	2	266	0	1	1	NL	
	15	34' 64	21' 46	4663	4635	209	12.3	"	"	"	"	"	"	
	30	37' 34	19' 48	4610	4630	209	12.1	"	"	"	"	"	"	
	45	39' 90	17' 60	4540	4556	209	12.3	"	"	"	"	"	"	
	17:00	40° 42' 60 S	10° 15' 57 E	4480	4529	210	12.2	2	266	0	1	1	NL	
	15	45' 31	13' 59	4588	4616	210	12.1	"	"	"	"	"	"	
	30	47' 86	11' 67	4639	4653	209	12.2	"	"	"	"	"	"	
	45	50' 59	09' 68		4469	209	12.3	"	"	"	"	"	"	
	18:00	40° 53' 25 S	10° 07' 68 E	4681	4701	209	12.5	2	266	0	1	1	Astrid	
	15	40° 55' 99	05' 62	4603	4625	210	10.1	"	"	"	"	"	"	
	30	58' 76	03' 59	4538	4558	209	12.2	"	"	"	"	"	"	
	45	41° 01' 43	01' 59	4663	4702	209	12.4	"	"	"	"	"	"	18:49 Auto → Man, falsche Tiefe
	19:00	41° 04' 46	09° 59' 54	4717	4734	209	12.4	2	266	0	1	1	"	18:50 Okay
	15	06' 97	57' 45	4663	4716	209	12.5	"	"	"	"	"	"	
	30	09' 78	55' 29	4685	4663	210	12.5	"	"	"	"	"	"	19:33 falsche Tiefe: PS: 4528, HS: 4577
	45	12' 41	53' 35	4810	4835	208	12.4	"	"	"	"	"	"	19:35 Okay PS: 4557, HS: 4576
	20:00	15' 19	51' 24	4642	4664	209	12.4	"	"	"	"	"	Wolfay	
	15	17' 94	49' 17	4663	4685	208	12.3	2	266	0	1	1	"	
	30	20' 72	47' 05	4680	4699	205	12.9	"	"	"	"	"	"	20:40 Tiefe verloren; 41 wieder gefunden
	45	23' 5	44' 96	4737	4755	211	12.3	"	"	"	"	"	"	
	21:00	26' 15	42' 94	4618	4639	210	12.4	2	266	0	1	1	Wolfay	
	15	28' 92	40' 84	?(4663)	4790	210	12.2	"	"	"	"	"	"	21:15 Tiefe weg (Statorlag)
	30	31' 47	38' 87	4782	4806	210	12.1	"	"	"	"	"	"	21:18 Tiefe wieder da
	45	34' 05	36' 90	4697	4712	210	12.5	"	"	"	"	"	"	21:19 24: Anwesenheiten, Tiefe wieder da, was Ja,...
	22:00	41° 57' 77	13° 34' 23	4697	4669	210	12.3	"	"	"	"	"	"	



8 Date	Time	Latitude [°S]	Longitude [°E]	Depth PS (m)	Depth HS (m)	Course [°]	Speed [knots]	Pulse	Receiv Length	Walt [m]	Deso No.	Disk No.	Walch	Comments
26.11.02	22:15	41° 39.496	9° 32.705	4588	4605	209,9	12,1	2	266	0	1	1	Commy	22 ¹⁵ Signal verloren, 22 ³⁰ Signal wieder da
	:30	41° 41.989	9° 30.824	4496	4521	211,7	11,5	"	"	"	"	"	"	starker Hang (!)
	:45	41° 44.619	9° 28.772	4569	4583	212,2	11,9	"	"	"	"	"	"	22 ⁴⁵ Signal verloren, Graben, 22 ⁵² kommt wieder
	23:00	41° 47.211	9° 26.792	4619,0	4637	211,1	12,1	"	"	"	"	"	"	23 ⁰⁰ auf mir, 23 ⁰² auto
	:15	41° 49.755	9° 24.846	4544	4566	209,2	12,0	"	"	"	"	"	"	23 ¹² Threshold verändert: von 2 auf 3
	:30	41° 52.329	9° 22.814	4652	4674	211,5	11,5	"	"	"	"	"	"	23 ²⁰ Threshold auf 4, Gain 10
	:45	41° 54.791	9° 20.923	4648	4739	211,3	11,0	"	"	"	"	"	"	23 ³² Tief weg; man; 23 ⁴⁹ auto
27.11.02	0:00	41° 57.269	9° 18.988	4803	4804	209,8	11,4	"	"	"	"	"	Commy	starker Abhang; 23 ⁴⁸ Signal verschwindet
	:15	59,82	17,02	4772	4795	208	11,5	"	"	"	"	"	Thomas	steile Flanke Δ=150m
	:30	42° 02,39	15,01	4650	4670	208	11,4	"	"	"	"	"	"	
	:45	04,75	13,05	4619	4642	212	11,6	"	"	"	"	"	"	
	01:00	07,56	10,94	4673	4697	209	11,9	"	"	"	"	"	"	00:55 steile Flanke Δ=250m
	:15	09,86	09,18	4770	4801	210	11,8	"	"	"	"	"	"	sehr schwache Reflexionen kaum Signal
	:30	13,00	06,49	4534	4553	210	11,9	"	"	"	"	"	"	
	:45	14,88	05,11	4532	4554	212	11,6	"	"	"	"	"	"	
	02:00	17,61	02,86	4497	4493	213	11,6	"	"	"	"	"	"	
	:15	19,97	01,20	4525	4544	208	11,4	"	"	"	"	"	"	
	:30	22,52	08 59,17	4739	4765	208	11,1	"	"	"	"	"	"	steile Flanken, kaum Reflexionen
	:45	25,09	57,10	4788	4217	208	12,0	"	"	"	"	"	"	↓ sehr weite Peak Δ=800m
	03:00	27,62	55,13	3962	3958	210	11,8	"	"	"	"	"	"	Feldlinien Kartische Prof. G. Lutter geht zu Ende
	:15	30,05	53,21	4801	4818	211	11,6	"	"	"	"	"	"	
	:30	33,20	51,05	4814	4822	211	12,0	"	"	"	"	"	"	
	:45	35,11	48,86	4913	4928	210	11,5	"	"	"	"	"	"	
	04:00	42° 38,05	8° 46,83	4834	4850	209	11,7	"	"	"	"	"	"	
	:15	40,60	44,78	4880	4882	211	11,7	"	"	"	"	"	Regi	Eindringung ~40m
	:30	43,87	42,78	4875	4872	209	12,3	"	"	"	"	"	"	
	:45	45,75	40,66	3669	3669	213	12,2	"	"	"	"	"	"	
	05:00	48,72	38,12	3164	(3581)	210	12,5	"	"	"	"	"	"	Tone schwach, sehr steile Flanken
	:15	51,17	36,30	3588	3643	208	12,4	"	"	"	"	"	"	nichts zu sehen, da zu steil
	:30	53,61	34,33	3222	3297	208	11,8	"	"	"	"	"	"	häufig keine korreliable Daten
	:45	57,75	30,19	3222	3292	208	12,0	"	"	"	"	"	"	
	06:00	58,82	33,05	3927	3946	211	11,2	"	"	"	"	"	"	Boden wieder gut sichtbar, E1 ~ 15m
	:15	43° 01,44	8° 27,96	3849	3913	210	12,2	"	"	"	"	"	"	
	:30	04,20	25,71	3801	3871	212	12,5	"	"	"	"	"	"	
	:45	06,76	23,65	3766	3784	204	12,5	"	"	"	"	"	"	
	07:00	09,35	21,56	3858	3858	218	11,8	"	"	"	"	"	"	Jede Minute Seitenwache, von 06:54 wieder ok.



Time UTC	Latitude [°S]	Longitude [°E]	Depth [m]	Depth [fms]	Count	Speed [kts]	Release	Recoil Length	Wait Time	Reco No	Dirk No	Watch	Comments
07:15	43° 12,12	8° 19,30	2904	3548	210	11,8	2	266	0	1	1	None	Seitenchaos, sehr still
1:30	14,60	17,22	2748	2802	210	12,0	"	"	"	"	"	"	
1:45	17,11	15,15	2565	2605	211	12,4	"	"	"	"	"	"	
08:00	43° 19,64	8° 07,07	(2489)	2269	214	12,0	"	"	"	"	"	"	
1:15	22,16	10,98	3465	3641	209	11,9	"	"	"	"	"	Gard	
1:30	24,66	8' 9,3	3387	3415	212	11,5	"	"	"	"	"	"	
1:45	26,98	8' 0,7	3389	3421	208	10,0	"	"	"	"	"	"	
09:00	28,86	8' 0,5	3735	3802	208	8,3	"	"	"	"	"	"	
1:15	30,55	8' 0,9	4111	4442	193	3,1	"	"	"	"	"	"	
1:30	31,75	8' 0,3	4589	4613	217	11,2	"	"	"	"	"	"	
1:45	34,31	8' 0,2	4585	4601	223	11,8	"	"	"	"	"	"	
10:00	36,75	7° 59	4637	4656	215	12,1	"	"	"	"	"	Thomas W.	
1:15	39,28	7° 56,84	4646	4665	212	12,3	"	"	"	"	"	"	häufig 1 bis 2 Signale (schwach) in 25 und 50m unter Meeresboden. Hauptsignal (s. Zeichnung)
1:30	41,65	54,84	4668	4690	210	11,9	"	"	"	"	"	"	
1:45	44,13	52,76	4651	4673	211	11,1	"	"	"	"	"	"	
11:00	46,70	50,59	4578	4594	211	12,0	"	"	"	"	"	"	
1:15	49,13	48,55	4508	4526	209	12,0	"	"	"	"	"	"	
1:30	51,57	46,49	4450	4468	212	11,6	"	"	"	"	"	"	
1:45	54,02	44,38	4336	4367	209	11,4	"	"	"	"	"	"	
12:00	43,59	7° 42,23	4378,5	4392	209	11,7	"	"	"	"	"	"	
1:15	43° 59,08	42,06	4462,5	4484	212	11,7	"	"	"	"	3	Sylvia	
1:30	44° 01,45	38,08	4415	4441	211	11,3	"	"	"	"	"	"	
1:45	03,90	35,96	4418	4442	212	11,9	"	"	"	"	"	"	
13:00	06,40	33,83	4064	3872	212	11,3	"	"	"	"	"	"	} totales Chaos, starker Hagel
1:15	08,43	31,68	3581	4210	212	12	"	"	"	"	"	"	
1:30	11,39	29,56	4435	4464	212	11,6	"	"	"	"	"	"	
1:45	13,86	27,42	4319	4336	213	11,4	"	"	"	"	"	"	
14:00	16,41	25,21	4352	4370	208	13,0	"	"	"	"	"	Candia D.	
1:15	18,93	23,00	4130	4165	210	12,8	"	"	"	"	"	"	} Zustand kaum signale
1:30	21,74	20,64	3388	3412	206	11,5	"	"	"	"	"	"	
1:45	24,02	18,67	3839	3875	208	11,9	"	"	"	"	"	"	
15:00	26,60	16,42	4523	4553	216	12,0	"	"	"	"	"	"	
1:15	28,89	14,43	4453	4467	209	11,4	"	"	"	"	"	"	
1:30	31,78	11,92	0	4156	211	11,6	"	"	"	"	"	"	
1:45	34,06	09,53	3694	3714	207	11,9	"	"	"	"	"	"	
16:00	36,33	07,94	4646	4664	208	11,3	"	"	"	"	"	"	kurz gestört



Date	Time UTC	Latitude °S	Longitude °E	Depth PS [m]	Depth HS [m]	Course [°]	Speed [km]	Pulse	Record length	Wait time	Desc No.	Disc No.	Water
21.11.2002	16:15	44°38.27	7°06.25	4636	4658	212	4.5	2	266	0	1	3	Matze
	16:30	44°39.62	7°05.09	4596	4619	214	3.7	"	"	"	"	"	"
	19:27	44°40.01	7°05.07	4596	4616	209	4.2	2	266	0	1	5	Rein Astid
	19:30	44°40.26	7°04.26	4588	4606	207	6.4	"	"	"	"	"	"
	19:45	44.93	03.13	4569	4582	212	10.7	"	"	"	"	"	"
	20:00	44.12	01.15	4529	4548	212	10.6	"	"	"	"	"	"
	20:15	44°46.53	6°53.200	4485	4503	211	10.6	2	266	"	"	5	Walzer
	20:30	44°48.60	6°57.191	4461	4479	216	10.7	"	"	"	"	"	"
	20:45	44°50.783	6°59.250	4426	4445	215	11.0	"	266	"	1/2	"	"
	21:00	44°53.04	6°52.28	4376	4396	209	11.2	"	266	"	2	"	"
	21:15	44°55.36	6°51.33	4214	4242	203	10.9	"	"	"	"	"	"
	21:30	44°57.42	6°49.33	4208	4226	203	8.6	"	"	"	"	"	"
	21:45	44°59.11	6°47.26	4232	4253	212	8.4	"	"	"	2	"	"
	22:00	45°00.94	6°46.3	4285	4304	214	8.2	"	"	"	"	"	"
	22:15	45°02.87	6°44.5	4302	4322	202	8.1	"	"	"	0	2	"
22:30	45°04.87	6°42.78	4324	4341	209	8.0	"	"	"	0	2	"	
22:45	45°06.73	6°41.13	4365	4383	213	8.2	"	"	"	"	"	"	
23:00	45°08.45	6°39.61	4360	4383	208	8.2	"	"	"	"	"	"	
23:15	45°10.40	6°37.86	-	3820	212	8.1	"	"	"	"	"	"	
23:30	45°12.32	6°36.11	4352	4358	215	8.4	"	"	"	"	"	"	
23:45	45°14.31	6°34.32	4332	4351	208	8.3	"	"	"	"	"	"	
28.11.02	24:00	45°16.19	6°32.64	4344	4364	216	8.3	"	"	"	"	"	"
	00:15	45°18.50	6°30.53	4417	4436	214	9.2	"	"	"	"	"	"
	00:30	20.58	28.67	4440	4459	218	9.0	"	"	"	"	"	"
	00:45	21.99	27.47	4452	4471	213	9.4	"	"	"	"	"	"
	01:00	23.97	25.63	4483	4501	214	9.2	"	"	"	"	"	"
	01:15	25.79	23.93	4577	4533	210	9.2	"	"	"	"	"	"
	01:30	27.78	22.17	4557	4517	215	9.4	"	"	"	"	"	"
	01:45	29.80	20.25	4610	4627	219	9.0	"	"	"	"	"	"
	02:00	31.62	18.64	4641	4656	214	9.8	"	"	"	"	"	"
	02:15	33.78	16.68	4666	4682	213	9.5	"	"	"	"	"	"
	02:30	35.75	14.84	4389	4416	208	9.7	"	"	"	"	"	"

STATION: KJ031022
 16:31 → Wait time: 60, Paperspeed: 1:50000
 16:39 PSS aus im Plattenwechsel 1→5
 hatte schon längst auf "3" gewickelt
 1 → 5 ; 3 → 4
 → Ende Station
 CD3
 CD4

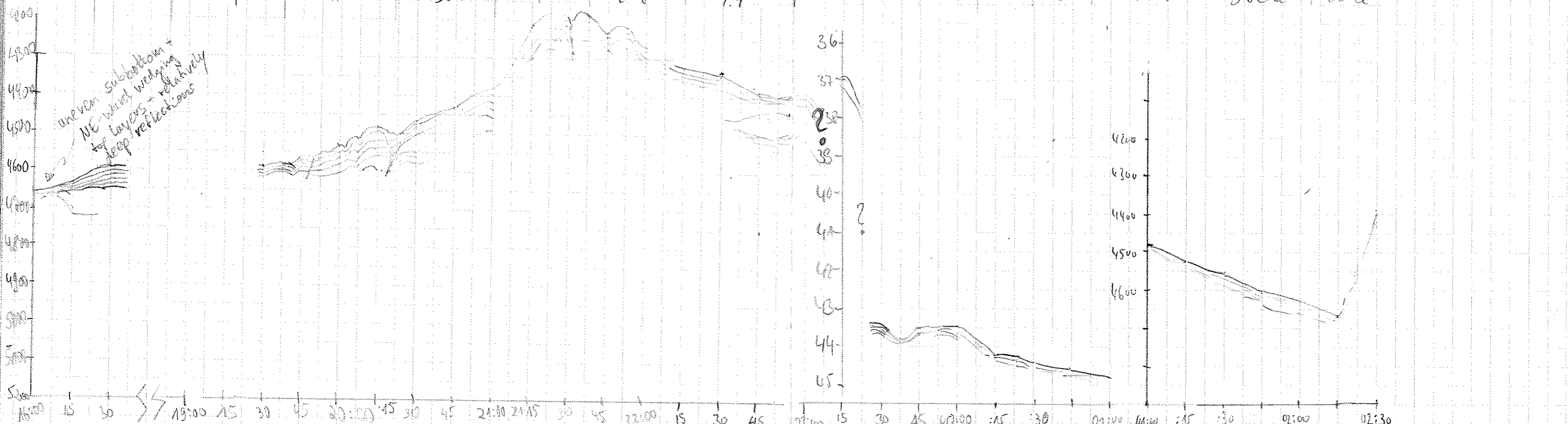
Eindringtiefe ~130m
 Desorolle gewechselt

Claudiett.

Reflektor in 80-100m Tiefe
 praktisch keine Signale

Thomson S.

rote Flecke

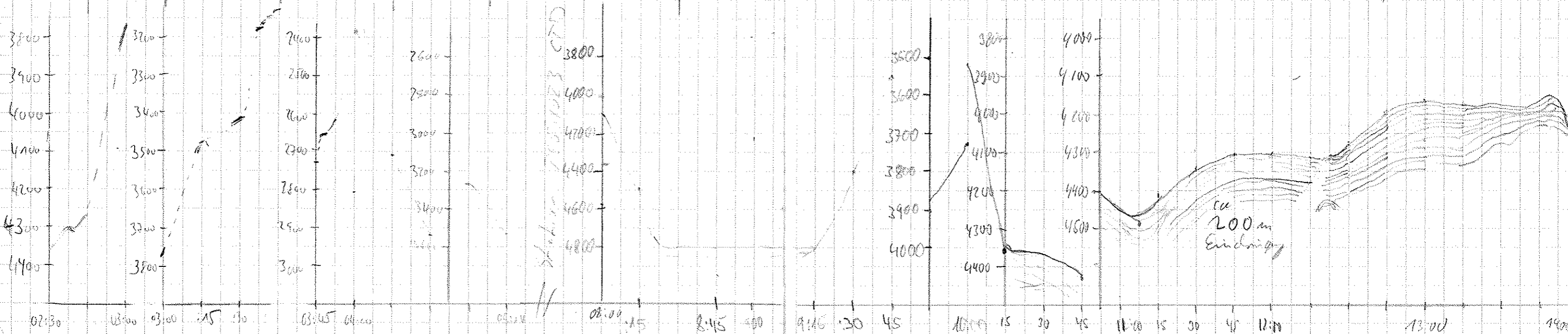


Date	Time UTC	Latitude °S	Longitude °E	Depth [PS Lm]	Depth [HS Lm]	Course [°]	Speed [km/h]	Pulse	Record Length	Wait Time	DEP No.	DISC No.	Watch	Comments
28.11.2002	02:45	45° 37.68	6° 15.90	4268	4285	215	9.3	2	266	0	2	5	Thomas J	sehr steile Flanke / schwache Reflexion
	03:00	39.67	11.25	3780	3762	212	10.0	"	"	"	"	"	"	
	:15	41.75	09.32	3400	3493	216	9.7	"	"	"	"	"	"	
	:30	43.92	07.32	3406	3403	207	10.5	"	"	"	"	"	"	
	:45	46.08	05.33	2730	2742	218	9.5	"	"	"	"	"	"	
	04:00	47.75	03.78	2384	2464	213	11.2	"	"	"	"	"	"	
	:15	50.09	01.59	2707	2766	219	10.9	"	"	"	"	"	"	
	:30	52.36	5° 59.44	2914	2922	215	9.9	"	"	"	"	"	"	
	:45	54.92	57.07	3280	3267	210	10.3	"	"	"	"	"	"	
	05:00	56.50	55.63	3518	3527	210	10.0	"	"	"	"	"	"	
	:20	59.45	54.92	-	3377	213	8.9	"	"	"	"	"	"	
	:30	46° 00.51	5° 51.90	(2771)	3573	214	7.9	"	"	"	"	"	"	
	:37	00.75	51.38	(3390)	3904	320	0.6	2	266	60	2	5	"	
Section →	08:00	46° 00.48	5° 50.57	3900	4114	214	6.7	"	"	"	"	"	"	
	8:15	46° 05.50	5° 47.28	(3822)	4502	209	11.6	"	"	"	"	"	Ingrid	
	8:45	46° 08.09	5° 44.26	4809	4829	209	11.0	"	"	"	"	"	"	
	9:00	46° 10.10	5° 42.17	4812	4822	213	12.1	"	"	"	"	"	"	
	:15	46° 12.64	5° 40.59	4822	4847	209	11.2	"	"	"	"	"	"	
	:30	46° 14.94	5° 38.23	4856	4451	210	10.6	"	"	"	"	"	"	
	:45	46° 17.46	5° 35.99	3932	3965	211	11.2	"	"	"	"	"	"	
	10:00	46° 19.75	5° 33.81	3695	3716	206	10.4	"	"	"	"	"	"	
	:15	46° 22.13	5° 31.55	4355	4372	211	11.4	"	"	"	"	"	Christian	
	:30	46° 24.13	5° 29.37	4364	4443	416	11.8	"	"	"	"	"	"	Endrunnen - 150m
	:45	46° 26.95	5° 26.97	4439	4447	214	10.9	"	"	"	"	"	"	"
	11:00	46° 29.34	5° 24.69	4491	4440	212	12.0	"	"	"	"	"	"	
	:15	46° 31.70	5° 22.42	4413	4432	208	11.3	"	"	"	"	"	"	
	:30	46° 34.12	5° 20.05	4347	4268	214	11.6	"	"	"	"	"	"	
	:45	46° 36.10	5° 17.89	4302	4320	213	11.3	"	"	"	"	"	"	
	12:00	46° 38.80	5° 15.61	4305	4322	212	11.8	"	"	"	"	"	"	
	:15	41.75	13.56	4319	4337	215	11.4	"	"	"	"	"	Geord	
	:30	43.57	11.03	4279	4295	212	11.7	"	"	"	"	"	"	
	:45	45.89	8.07	4184	4207	215	11.5	"	"	"	"	"	"	
	13:00	48.26	6.45	4152	4171	213	11.6	"	"	"	"	"	"	
	:15	50.67	9.77	4179	4191	214	11.7	"	"	"	"	"	"	
	:53	56.39	4° 58.52	4180	4198	212	11.4	"	"	"	"	"	"	
	14:00	46° 57.74 S	4° 57.17 E	4288	4356	216	11.4	"	"	"	"	"	NL	

Siehe Profil, viele Seidenfäden
 PS-Depth persistently ~ 100m away
 PSG31023 STD
 viel falsche PS-Tiefe
 Amplitude sehr klein

Endrunnen - 150m
 " > "

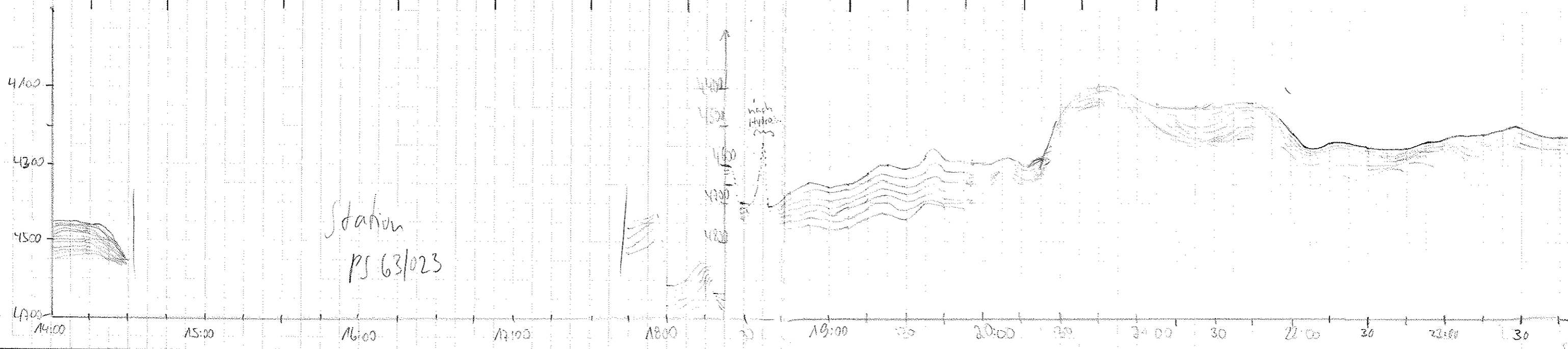
GAIN Poti ist defect !!



DATE	TIME UTC	LATITUDE	LONGITUDE	DEPTH PS	DEPTH HS	COURSE	SPEED	PULSE	RECORD LENGTH	WAIT TIME	DESO No	DISC No.	WATCH	COMMENTS
28.11.02	14:15:30	47°00,33 S 02,01	4°54,67 E 52,37	4590	4463 4614	208 310	11,3 3,5	2	266	0 60	2	5	HL	Station PS 63/024
	14:52						6	"	"	"	"	3	"	PS Hammer
	14:57						0	"	"	60	"	3	"	Plattenwechsel 5 → 3
	17:02						0	"	266	0	2	3	"	Neuer PS
	18:00	47°02,91 S	01°52,23 E	4620	4638	217	10,3	2	266	0	2	3	Wolfen	Stationende
	:15	04,29	50,28	4557	4599	193	8,3	"	"	"	"	"	"	
	:30	06,89	48,27	4693	4713	210	11,0	"	"	"	"	"	"	
	:45	08,90	46,22	4669	4695	220	9,8	"	"	"	"	"	"	
	19:00	47°10,80 S	04°44,34 E	4659	4681	207	10,2	2	266	0	2	3	Abid	
	:15	12,76	42,43	4628	4656	211	8,5	"	"	"	"	"	"	
	:30	14,65	40,54	4616	4636	217	9,1	"	"	"	"	"	"	
	:45	16,59	38,67	4590	4613	209	8,6	"	"	"	"	"	"	
	20:00	47°18,358 S	4°36,818 E	4589	4625	208	9,7	"	"	"	"	"	"	Conny
	:15	20,246	34,941	4558	4581	214,8	9,2	"	"	"	"	"	"	
	:30	22,040	33,143	4492	4500	207,8	8,7	"	"	"	"	"	"	
	:45	23,972	31,255	4376	4401	204,6	9,8	"	"	"	"	"	"	
	21:00	25,849	29,334	4439	4463	209,7	9,8	"	"	"	"	"	"	
	:15	27,809	27,419	4439	4493	214,0	10,1	"	"	"	"	"	"	
	:30	29,727	25,452	4479	4494	210,1	9,6	"	"	"	"	"	"	
	:45	31,594	23,596	4457	4478	208,3	9,3	"	"	"	"	"	"	
	22:00	33,402	21,781	4513	4545	209,4	7,9	"	"	"	"	"	"	
	:15	35,24	19,91	4515	4561	215	8,5	2	266	0	"	3	Thomas W.	
	:30	37,02	18,05	4554	4571	213	8,9	"	"	"	"	"	"	4 Min. Fenster zu tief verschoben
	:45	38,84	16,23	4554	4574	214	8,6	"	"	"	"	"	"	
	23:00	40,49	14,54	4524	4548	214	8,4	"	"	"	"	"	"	
	:15	42,19	12,86	4544	4535	216	7,9	"	"	"	"	"	"	
	:30	43,76	11,23	4510	4533	210	5,0	"	"	"	"	"	"	
	:45	43,79	10,61	4520	4545	299!	3,1	"	"	"	"	"	"	(Speed 1,9 - 4 km Course 280° - 320°)
	0:00	42,94	10,46	4514	4546	71!	9,2	"	"	"	"	"	"	Schiff dreht sich 360°

CD4
CD5

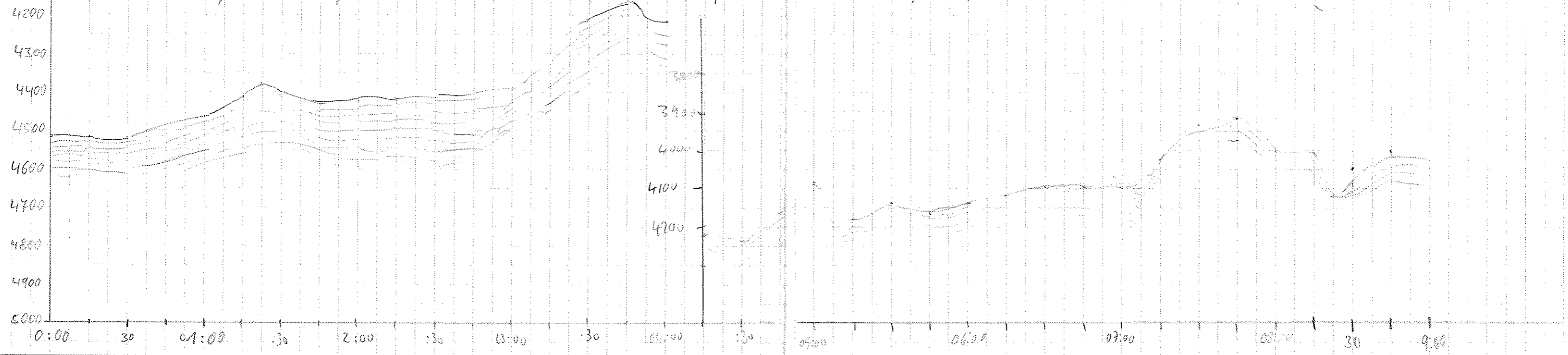
← → weiter nächste Seite!



DATE 18	TIME UTC	LATITUDE ° S	LONGITUDE ° E	DEPTH PS [m]	DEPTH HS [m]	COURSE E°J	SPEED [kn]	PULSE	RECORD LENGTH	WAIT TIME	DESC No.	DISC No.	WATCH	COMMENTS	
29.11.2002	00:15	47° 45.09	4° 09.81	4560	4570	212	9.5	2	266	0	2	3	Thomas Jr	Parise am Parasound steht! ← Neustart Parasound / Anhalten Paradigmas Neustart PSS	
	:30	46.88	08.08	4577	4633	216	8.9	"	"	"	"	"	"		
	:40	47° 46.06	4° 06.85	?	4542	222	9.4	"	"	"	"	"	"		
	:44														
	:49	49.19	05.70	4498	4519	204	8.2	"	"	"	"	"	"		
01:00		50.54	04.26	4457	4475	214	8.5	"	"	"	"	"	"		
	:15	52.27	02.50	4404	4426	210	9.2	"	"	"	"	"	"		
	:30	54.25	4° 00.55	4406	4428	220	9.0	"	"	"	"	"	"		
	:45	56.52	3° 58.54	4417	4442	216	9.7	"	"	"	"	"	"		
02:00		58.00	56.59	4412	4437	224	9.9	"	"	"	"	"	"		
	:15	48° 00.00	54.52	4404	4426	220	9.3	"	"	"	"	"	"		
	:30	01.67	52.81	4405	4426	217	8.8	"	"	"	"	"	"		
	:45	03.70	50.73	4385	4408	216	9.6	"	"	"	"	"	"		
03:00		05.57	48.77	4394	4417	207	10.1	"	"	"	"	"	"		
	:15	07.50	46.76	4326	4341	212	9.4	"	"	"	"	"	"		
	:30	09.57	44.61	4207	4226	212	9.5	"	"	"	"	"	"		
	:45	11.12	42.65	4154	4173	214	9.8	"	"	"	"	"	"		
04:00		13.41	40.61	4209	4238	214	9.5	"	"	"	"	"	"		
	:15	15.82	38.08	4215	4260	220	10.0	"	"	"	"	"	"		
	:30	17.82	35.45	3233	4258	217	9.3	"	"	"	"	"	"		
	:45	19.56	34.12	4171	4194	217	10.3	"	"	"	"	"	"		
05:00		48° 21.65	3° 31.96	4094	4117	221	10.0	"	"	"	"	"	"		
	:19	24.41	29.02	4178	4196	218	10.3	"	"	"	"	"	"		
	:30	25.92	27.43	4184	4202	219	10.7	"	"	"	"	"	"		
	:45	27.95	25.28	4160	4181	210	11.0	"	"	"	"	"	"		
06:00		30.12	22.40	4134	4172	207	10.5	"	"	"	"	"	"		
	:15	32.02	20.90	4122	4144	213	10.4	"	"	"	"	"	"		
	:30	34.44	18.43	4099	4116	199	10.2	"	"	"	"	"	"		
	:45	36.39	16.26	4078	4117	207	10.1	"	"	"	"	"	"		
07:00		38.54	13.47	4093	4115	217	10.7	"	"	"	"	"	"		
	:15	40.70	11.69	4011	4026	222	10.0	"	"	"	"	"	"		
	:30	42.48	09.73	3923	3939	222	10.9	"	"	"	"	"	"		
	:45	44.96	07.08	3917	3951	12	10.0	"	"	"	"	"	"		
08:00		46.91	04.97	4004	4026	211	10.0	"	"	"	"	"	Ingrid		
	:15	48.86	02.87	(3327)	4095	219	10.3	"	"	"	"	"	"		
	:30	50.83	00.71	4051	4074	216	9.7	"	"	"	"	"	"		
	:45	52.84	2° 58.56	4099	4059	219	9.8	"	"	"	"	"	"		
09:00		54.76	56.40	4040	4059	212	9.7	"	"	"	"	"	"		

dicke Schichtpakete
200m dicke

Super Sedimente



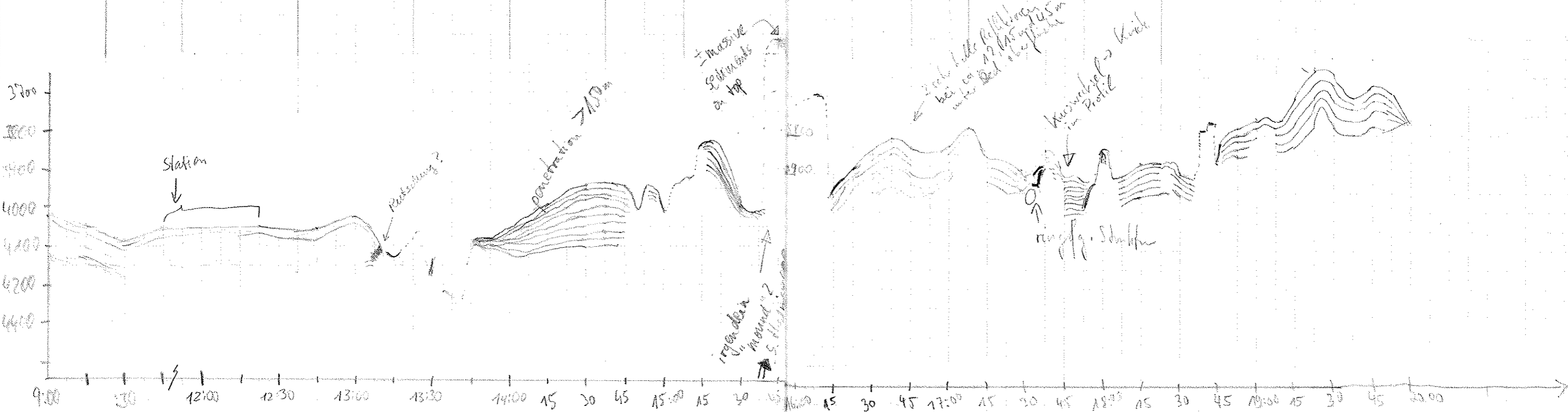
Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Course [°]	Speed [km]	Pulse	Recoil length	Wait time	Deso No	Dir No	Weather
29.11.02	9:16	48°56,00	2°54,05	4061	4084	212	10,2	2	266	0	2	3	Ingrid
	30	58,68	51,98	4101	4123	226	8,9	"	"	"	2	"	"
	9:38	59,61	50,60	4065	4085	232	9,0	"	"	60	"	"	"
	45	59,86	50,21	4058	4079	225	2,0	"	"	"	"	"	"
	12:26	48°59,73	2°50,38	4065	4073	20,0	1,6	"	"	"	"	"	"
	145	49°00,73	2°49,88	4051	4069	216	9,9	"	"	"	"	"	Claudia D.
	13:00	02,79	47,73	4024	4047	214	10,3	"	"	"	"	"	"
	15	04,78	45,52	4143	4174	213	10,4	"	"	"	"	"	"
	130	06,74	43,32	4134	4154	215	10,3	"	"	"	"	"	"
	145	09,11	40,79	4084	4098	215	9,7	"	"	"	"	"	"
	14:00	10,67	39,02	4064	4081	215	9,9	"	"	"	"	"	Ulrike
	15	12,83	36,63	3995	4045	219	9,6	"	"	"	"	"	"
	30	14,86	34,41	3939	3958	217	10,8	"	"	"	"	"	"
	45	16,88	32,26	4004	4022	214	10,6	"	"	"	"	"	"
	15:00	18,77	30,02	3997	4014	218	10,6	"	"	"	"	"	"
	15	21,01	27,57	0	3885	212	10,1	"	"	"	"	"	"
	30	23,08	25,24	4000	4022	216	9,8	"	"	"	"	"	"
	45	25,08	22,97	3559	3574	214	10,0	"	"	"	"	"	"
	16:00	27,21	09,63	0	3813	216	10,7	"	"	"	"	"	"
	15	29,20	18,35	0	3987	212	10,2	"	"	"	"	"	"
	16:15	49°31,21	2°16,14	3842	3865	213	10,2	"	266	0	2	3	Melker
	15	49°33,4	2°13,624	3831	3847	214	10,5	"	"	"	"	"	"
	17:00	49°35,98	2°11,26	3824	3843	218	10,0	"	"	"	"	"	"
	15	49°37,69	2°08,81	3847	3870	217	10,0	"	"	"	"	"	"
	130	49°39,873	2°06,36	3812	3829	215	10,6	"	"	"	"	"	"
	145	49°42,34	2°03,5	3910	3902	218	11,5	"	"	"	"	"	"
	18:00	49°42,08	2°05,26	2844	2866	274	8,2	2	266	0	2	3	Ashid
	15	43,48	02,27	3877	3895	221	10,4	"	"	"	"	"	"
	130	45,63	1°59,79	3909	3930	217	10,9	"	"	"	"	"	"
	145	47,87	57,19	3826	3873	220	11,1	"	"	"	"	"	"
	19:00	49°50,05	1°54,76	3765	3790	221	10,6	"	266	0	2	3	"
	15	52,18	52,25	3699	3718	218	10,9	"	"	"	"	"	"
	130	54,32	49,78	3645	3665	212	11,8	"	"	"	"	"	"
	145	56,69	47,04	3662	3681	212	11,3	"	"	"	"	"	"

Station PS63/025
 Frequency von 4 auf 5,5
 Station beendet

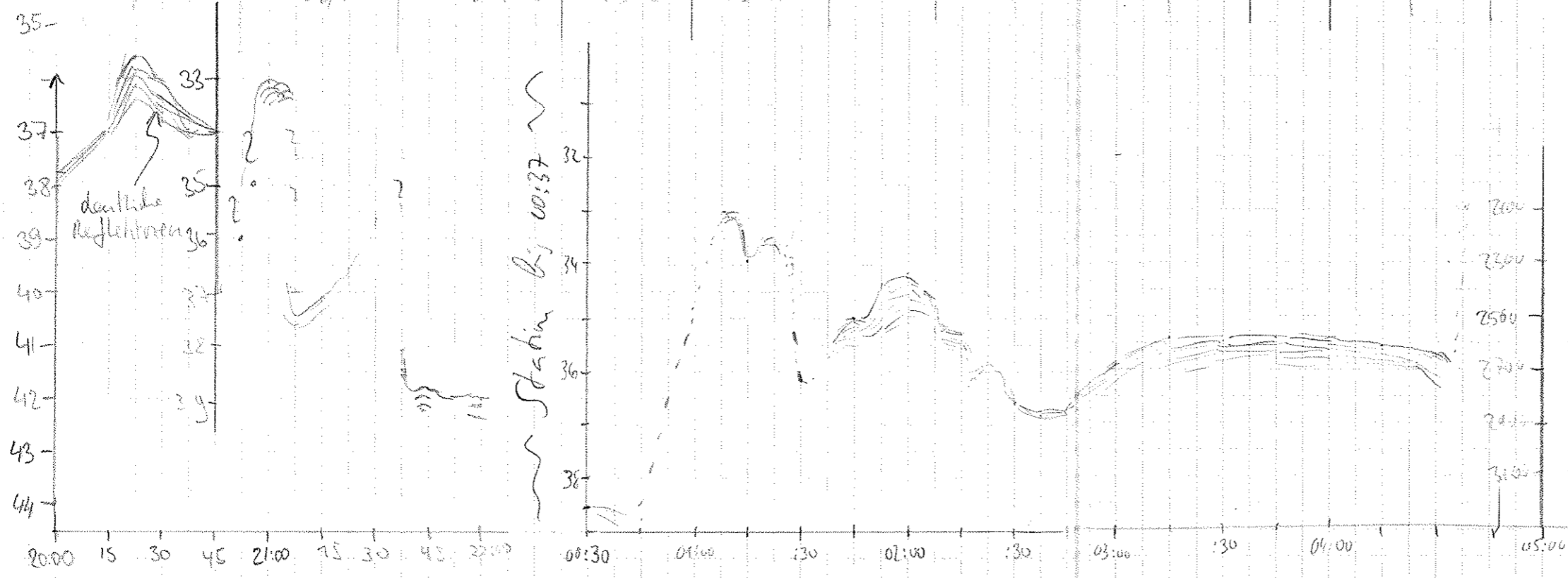
CD5
 CD6

~ 14:00 → Deso-Rolle ca. 1 Min. vor UTC;
 Telefonat mit Gerhard → Während des Tele-
 fonates drückt Deso-Rolle zwei mal 14:12
 Uhr! → Jetzt geht es wieder so einiget-
 maßen → Interessantes Phänomen!

17:35 Fehler: Indires Fond zu klein
 → Repru da, Teller weg

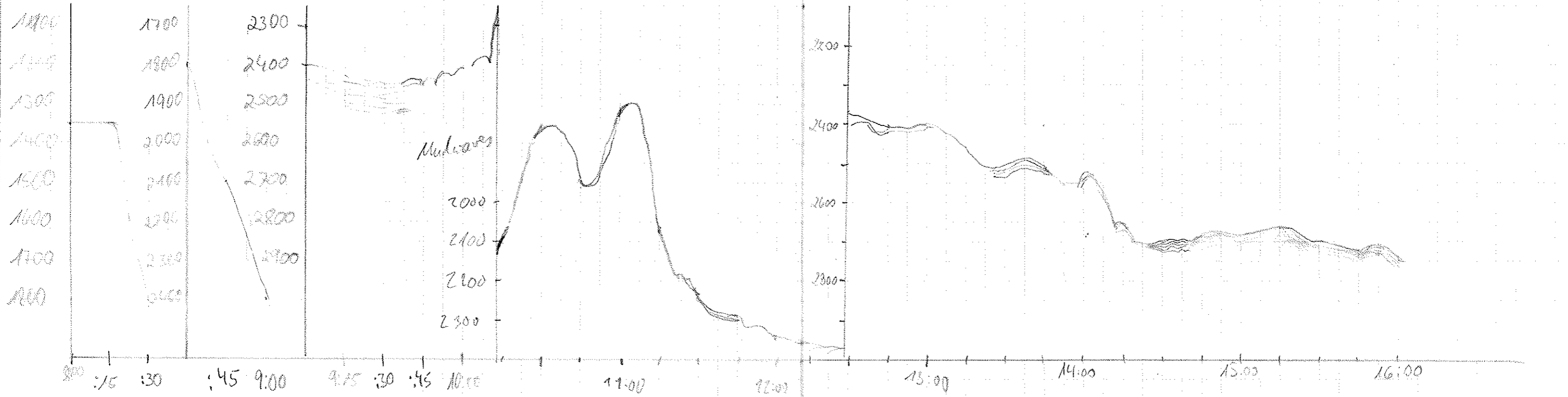


22 Date	Time UTC	Latitude [° S]	Longitude [° E]	Depth [PSLm]	Depth [HS. Em]	Course [°]	Speed [km]	Pulse	Record length	Wait time	Deso No.	Disk No.	Watch	Comments	
29.11.02	20:00	48° 58, 93	10° 44, 46	3756	3778	218	11,6	2	266	0	2	3	Claude H		
	20:15	50° 01, 13	10° 41, 9	3674	3705	218	11,6	2	"	"	"	"	"	Eindringtiefe bis 100m	
	20:30	50° 03, 58	1° 38, 07	3604	3622	216	11,0	"	"	"	"	"	"	"	
	20:45	50° 05, 73	1° 38, 50	3696	3715	214	11,0	"	"	"	"	"	"	"	
	21:00	50° 08, 01	1° 33, 54	3346	3383	219	11,6	"	"	"	"	"	"	"	
	21:15	50° 10, 33	1° 31, 20	3703	3725	215,4	11,0	"	"	"	"	"	"	Timo	
	21:30	50° 12, 66	1° 28, 44	3587	3537	215	12,7	"	"	"	"	"	"	"	
	21:45	50° 15, 78	1° 25, 46	3897	3976	202,4	9,2	"	"	"	"	"	"	"	
	22:00	50° 15, 04	1° 24, 02	2407	3933	99,7	0,7	2	266	60	2	3	"	21:50 Station PS 63/026 21:55 Wait time: 60s Newport PSS Paper speed 1:50000	
	22:19	"	"	"	"	"	"	"	"	60	"	5	Thomas	Neuport PSS wg Plattenwechsel (Am 22.16) tunde 3 → 5	
	30.11.02	00:37	50° 14,76	1° 25,94	3866	3889	77,2	6,7	"	"	0	"	5	"	
		00:45	15,41	25,96	3882	3904	218	11,1	"	"	"	"	"	"	
01:00		17,73	22,89	3032	3485	222	11,3	"	"	"	"	"	"	Kann Referenzen	
01:15		19,90	19,95	3401	3408	212	12,2	"	"	"	"	"	"		
01:30		22,45	17,11	3620	3603	219	11,8	"	"	"	"	"	"		
01:45		24,72	14,28	3495	3509	218	11,7	"	"	"	"	"	"		
02:00		26,97	11,59	3433	3443	227	11,2	"	"	"	"	"	"		
02:15		29,28	08,84	3536	3549	214	11,3	"	"	"	"	"	"		
02:30		31,65	06,02	3657	3668	222	11,6	"	"	"	"	"	"		
02:45		34,30	02,84	3645	3520	220	11,7	"	"	"	"	"	"		
03:00		35,89	00,97	3594	3690	213	11,1	"	"	"	"	"	"		
03:15		38,55	0° 57,70	3566	3559	217	11,3	"	"	"	"	"	"		
03:30		40,25	55,66	3530	3545	222	11,8	"	"	"	"	"	"		
03:45		42,78	52,64	3549	3531	223	10,8	"	"	"	"	"	"		
04:00		44,84	50,13	3577	3534	213	11,3	"	"	"	"	"	"		
04:15		46,76	47,92	3553	3565	211	10,5	"	"	"	"	"	"		
04:30		48,91	45,18	3661	3651	216	10,9	"	"	"	"	"	"		
04:48		51,56	41,98	2919	2936	227	10,0	"	"	"	"	"	"		
05:00	53,15	40,05	2644	2675	225	11,2	"	"	"	"	"	"			
05:15	55,52	37,15	2162	2172	222	11,3	"	"	"	"	"	"			
05:34	58,34	33,69	-	1599	214	11,7	"	"	"	60	"	"			
05:43	58,97	32,44	1342	1346	298	5,0	"	"	"	"	"	"			



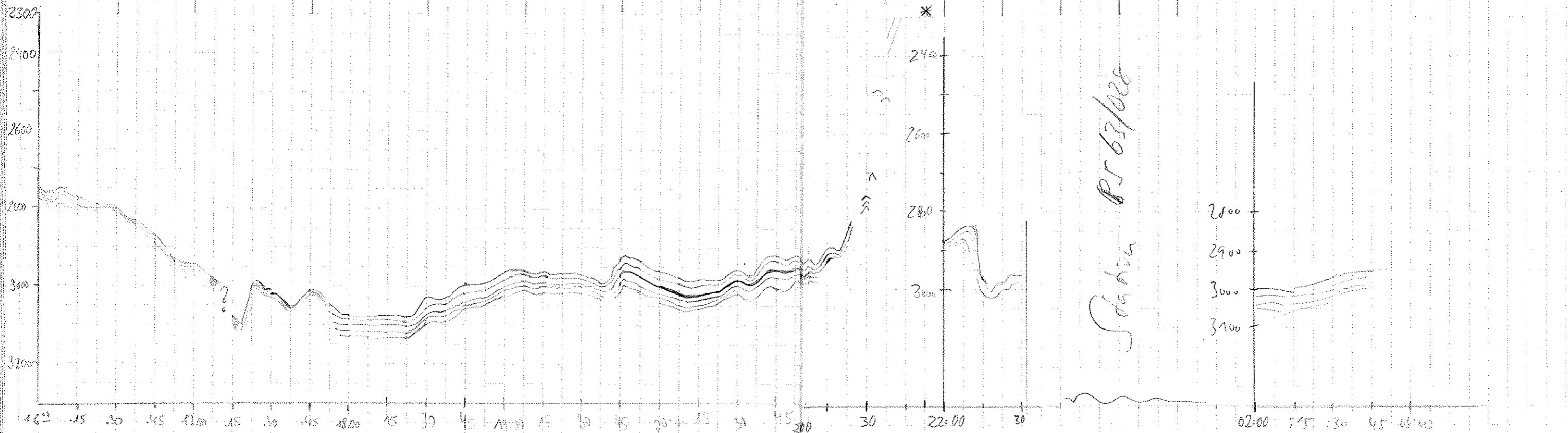
Station PS 63/026
 Wait time: 60s
 Paper speed 1:50000
 Plattwechsel (Am 22.16)
 3 → 5
 kann Referenzen
 Dejo alle?
 Ref. in
 sehr stark
 immer noch
 Station ~~CTD/~~ PS 63/022
 Resowechsel 2 → 3

24 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Course [°]	Speed [kn]	Pulse	Record Length	Wait Time	Deso No	Disk No	Watch	Comments
30.11.2007	08:00	51°00,29	0°31,00	1347	1352	252	1,4	2	266	0	3	5	Kab	Ende Station B63/07.7
	8:15	00,21	31,24	1341	1343	179	8,9	2	"	"	"	"	Ingrid	
	8:30	02,06	29,13	1805	1826	211	11,0	"	"	"	"	"	"	Parasound Neustart
	8:45	04,34	26,30	0	2121	218	10,7	"	"	"	"	"	"	
	8:53	05,33	25,07	2424	2424	218	10,4	"	"	"	"	"	"	Grund gefunden
	9:00	06,07	24,19	2408	2417	219	9,0	"	"	"	"	"	"	
	9:15	08,09	21,67	2439	2452	218	8,5	"	"	"	"	"	"	
	9:30	10,21	19,07	2440	2456	206	9,4	"	"	"	"	"	"	
	9:45	51°11,27	0°17,70	2424	2438	220	8,8	"	"	"	"	"	"	
	10:00	13,04	15,50	2392	2406	225	8,5	"	"	"	"	"	"	
	10:15	14,29	14,16	2100	2032	194	4,8	"	"	"	"	"	Gerd	Sturm BA 10
	10:30	15,22	13,04	1852	1871	239	4,1	"	"	"	"	"	"	
	10:45	17,09	11,36		1920	213	2,7	"	"	"	"	"	"	
	11:00	16,36	10,40		1788	187	3,7	"	"	"	"	"	"	
	11:15	16,83	10,45	2090	2091	232	2,8	"	"	"	"	"	"	
	11:30	17,08	9,40	2222	2231	239	3,5	"	"	"	"	"	"	
	11:45	17,24	8,32	2297	2296	264	4,7	"	"	"	"	"	"	
	12:00	51°17,47 S	0°06,97 E	2352	2364	192	3,2	2	266	0	3	5	KL	
	12:15	17,69	06,18	2367	2378	224	3,2	"	"	"	"	"	"	
	12:30	17,81	05,60	2368	2386	11	2,0	"	"	"	"	"	"	
	12:45	18,07	04,85	2418	2424	246	2,9	"	"	"	"	"	"	
	13:00	51°18,26 S	0°04,30 E	2408	2422	202	1,5	"	"	"	"	"	"	
	13:15							"	"	"	"	"	"	
	13:30	18,54 S	02,94	2458	2469	244	1,2	"	"	"	"	"	"	Schwere See, Gärkerungsworsch
	13:45	18,20	01,91	2515	2536	260	3,7	"	"	"	"	"	"	
	14:00	18,20	00,68 W	2549	2537	267	4,1	2	266	0	3	5	Wolfgang	
	14:15	18,28	00,91	2661	2676	266	4,5	"	"	"	"	"	"	
	14:30	18,40	02,76	2699	2713	258	5,4	"	"	"	"	"	"	
	14:45	18,55	04,61	2676	2689	264	3,8	"	"	"	"	"	"	
	15:00	18,62	06,38	2674	2688	215	5,1	"	"	"	"	"	"	
	15:15	18,74	08,16	2657	2675	243	5,7	"	"	"	"	"	"	
	15:30	18,95	10,33	2691	2701	218	5,0	"	"	"	"	"	"	
	15:45	19,18	12,14	2723	2741	250	5,5	"	"	"	"	"	"	
	16:00	19,472	13,985	2749	2765	283	3,6	"	266	0	3	5	Conny	

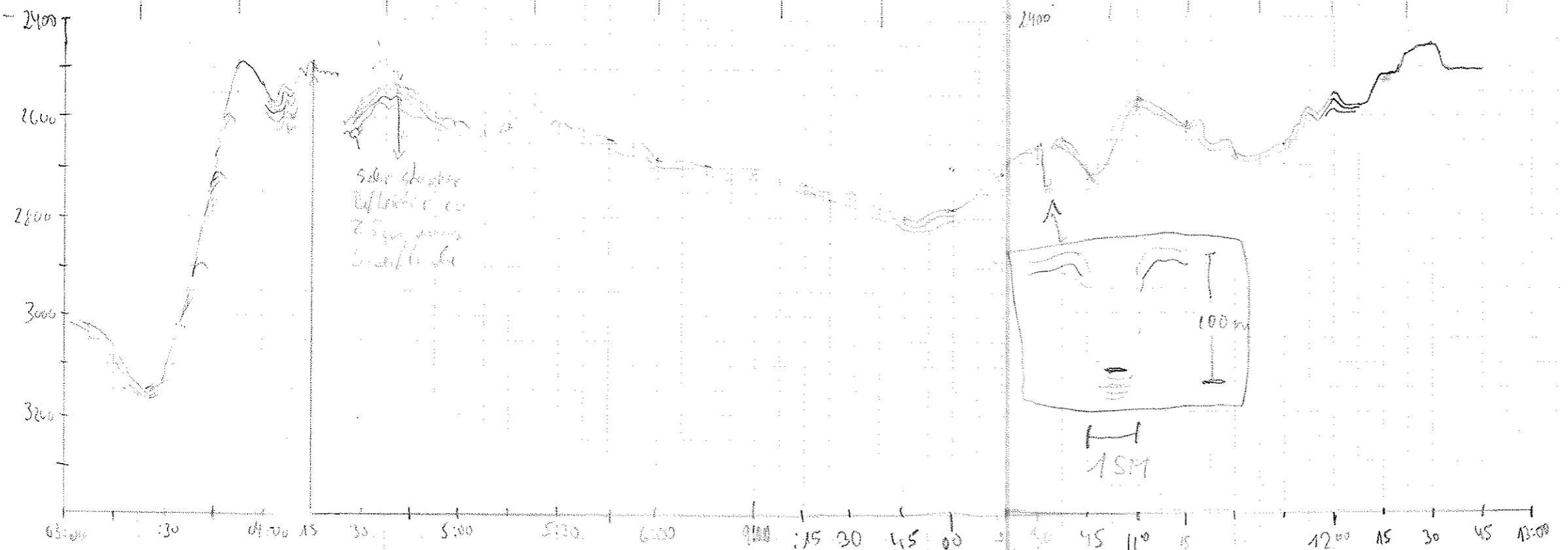


26 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Course [°]	Speed [kn]	Pulse	Record length	Wait Time	Deso No	Disk No	Watch
30.11.02	16:15	51° 19,527	0° 15,793	2771	2785	277,5	5,1	2	266	0	3	5	Conny
	:30	19,592	17,601	2812	2824	268,8	5,9	"	"	"	"	"	"
	:45	19,750	19,571	2877	2885	268,9	5,9	"	"	"	"	"	"
17:00		19,912	21,713	2941	2956	241,0	6,4	"	"	"	"	"	"
	:15	20,077	23,669	3077	3088	251,4	5,7	"	"	"	"	"	"
	:30	20,242	25,848	3009	3029	273,0	5,1	"	"	"	"	"	"
	:45	20,383	27,811	3013	3026	264,4	6,6	"	"	"	"	"	"
18:00		51° 20,482	0° 29,860	3038	3052	257	6,2	2	266	0	3	5	Achid
	:15	20,623	31,596	3033	3048	265	5,2	"	"	"	"	"	"
	:30	20,778	33,367	3015	3035	276	5,9	"	"	"	"	"	"
	:45	20,950	35,178	2990	3006	273	4,3	"	"	"	"	"	"
19:00		51° 21,163	0° 36,873	2966	2983	266	5,0	2	266	0	3	5	"
	:15	21,793	36,179	2967	2984	158	13,3	"	"	"	"	"	"
	:30	24,853	33,838	2968	2982	155	13,7	"	"	"	"	"	"
	:45	28,025	31,555	2929	2945	152	13,6	"	"	"	"	"	"
20:00		51° 31,035	0° 29,193	2961	2975	119	13,8	2	266	0	3	5	"
	:15	34,19	26,78	2977	2994	152	14,0	2	266	0	"	5	Thomas W
	:30	37,27	24,47	2958	2974	149	14,8	"	"	"	"	"	"
	:45	40,31	22,15	2929	2948	144	13,3	"	266	"	"	"	"
21:00		43,40	19,82	2930	2946	152	12,9	"	"	"	"	"	"
	:15	46,52	17,43	2892	2905	155	13,9	"	"	"	"	"	"
	:30	49,57	15,07	2769	2766	151	13,8	"	"	"	"	"	"
	:45	52,90	12,45	2210	2220	145	14,0	"	"	"	"	"	"
22:00		55,90	10,24	2653	2770	169	12,8	"	"	"	"	"	"
	:15	59,19	08,70	2979	2994	162	12,4	"	"	"	"	"	"
	:30	52,00	06,57	2984	2997	271	1,7	"	"	60	"	"	"
22:47		"	"	"	"	"	0	"	"	60	"	1	Thomas
01.12.02	02:10	52° 01,23	0° 07,34	2982	2996	33	8,2	"	"	0	"	"	"
	02:15	01,33	06,01	2997	3005	175	10,4	"	"	"	"	"	"
	:30	04,12	06,26	2997	3007	153	9,3	"	"	"	"	"	"
	:35	05,08	06,27	2979	2992	172	10,8	"	"	"	"	"	"
	:45	07,00	06,37	2967	2944	180	9,0	"	"	"	"	"	"

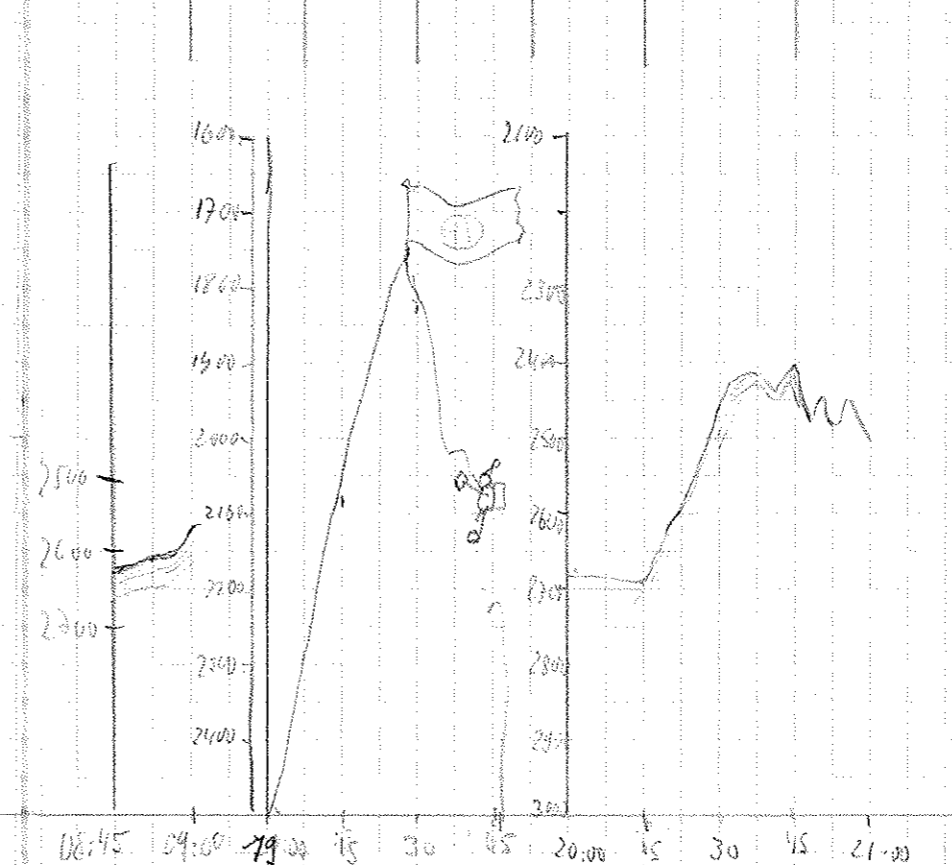
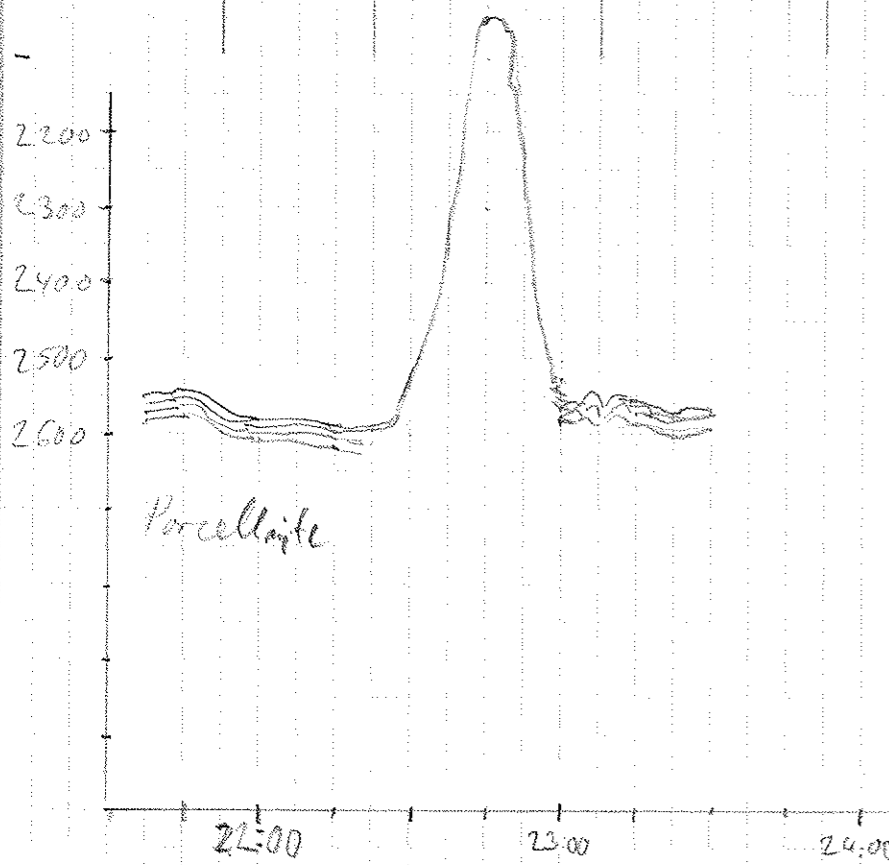
17⁰² Signal weg, 17¹⁴ Signal wieder da
 17⁴² Signal weg, 17⁴⁶ wieder da
 19:07 Kursänderung
 Steiler Hang, schwierig "Fenster" zu justieren
 * Kurz Signale um 1500m! (Hydrosw. Z300...)
 ab 22:27 Eindrücken Station / Plattenwechsel 5 → 1
 PS 631028
 Neudat PSS
 Stations Erde Schiff dicht auf
 Neudat Personal ohne PS zu stoppen



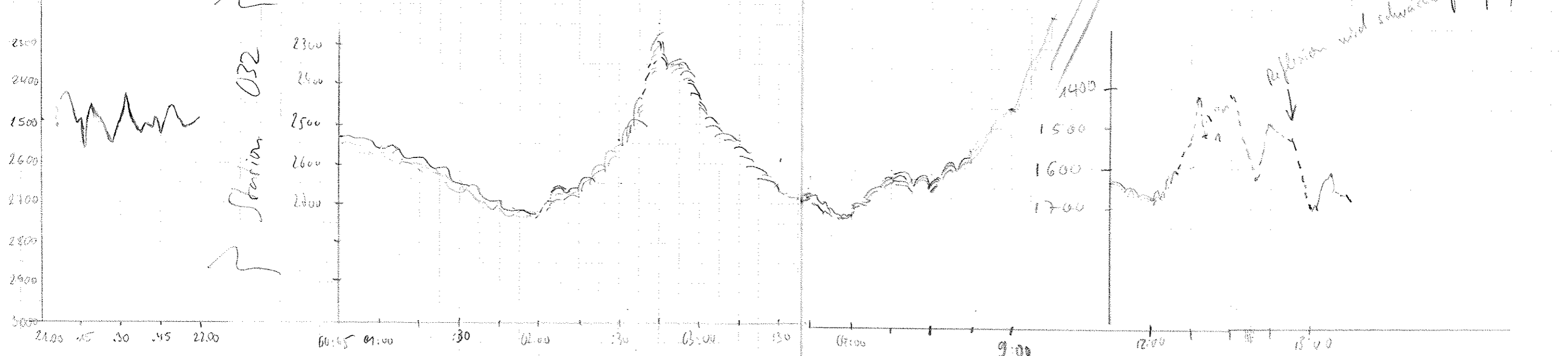
28 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Course [°]	Speed [kn]	Pulse	Record Length	Wait Time	Desc No.	Disk No.	Watch	Comments
01.12.02	07:00	52° 09.29	0° 05.81	2967	2954	166	10.7	2	266	0	3	1	Thomas	
	07:15	11.56	04.94	2967?	3026	174	10.8	"	"	"	"	"	"	
	07:30	11.58	04.95	3050	3046	174	8.8	"	"	"	"	"	"	
	07:45	14.37	03.92	3100	3109	166	10.3	"	"	"	"	"	"	
	08:00	16.66	03.17	2693	2707	170	8.7	"	"	"	"	"	"	
	08:15	52° 14.07	0° 02.47	2521	2548	? 178	11.5	"	"	"	"	"	Refina	
	08:30	52° 21.54	-0° 01.884	2508	2526	175	10.1	"	"	"	"	"	"	
	08:45	52° 23.35	-0° 01.483	2518	2502	182	9.5	"	"	"	"	"	"	
	09:00	52° 26.16	-0° 00.842	2546	2583	170	8.6	"	"	"	"	"	"	
	09:15	28.54	00.31	2602	2615	170	9.2	"	"	"	"	"	"	
	09:30	30.94	00.34	2602	2613	174	14	"	"	"	"	"	"	approaching Station PS 63/029
	09:45	31.64	00.72	2606	2617	292	6.0	"	"	"	"	"	"	
	10:00	30.44	01.43	2645	2662	247	6.0	"	"	"	"	"	"	
	10:15	30.27	03.84	2685	2696	292	4.3	"	"	"	"	"	"	
	10:30	24.86	05.27	2682	2700	290	6.5	"	"	"	"	"	"	
	10:45	24.50	06.19	2691	2709	271	7.7	"	"	"	"	"	"	
	10:56	28.79	05.29	2711	2723	184	9.6	"	"	0	"	"	Jugend	
	11:15	31.71	05.55	2722	2783	181	10.6	"	"	"	"	"	"	
	11:30	34.19	05.42	2741	2814	184	11.4	"	"	"	"	"	"	
	11:45	36.60	6.47	2790	2808	181	9.9	"	"	"	"	"	"	
	12:00	52° 37.55	0° 06.6	2775	2789	185	6.2	"	"	0	3	1	Claudia H. (i.v.)	
	12:15	52° 40.15	0° 06 SW	2703	2728	174	10.5	"	"	"	"	"	Christiane	
	12:30	52° 42.68	0° 05.92W	2660	2678	170	10.6	"	"	"	"	"	"	
	12:45	52° 45.83	0° 07.94W	2727	2748	170	11.6	"	"	"	"	"	"	
	13:00	52° 48.54	0° 04.16W	2560	2577	169	11.6	"	"	"	"	"	"	
	13:15	52° 50.94	0° 03.23W	260.3	2617	170	11.0	"	"	"	"	"	"	
	13:32	52° 54.20	0° 02.20W	2672	2685	159	12.2	"	"	"	"	"	"	
	13:45	56.36	01.53W	2643	2662	160	10.8	"	"	"	"	"	Cecilia D.	
	14:00	58.67	00.67W	2564	2575	159	10.7	"	"	"	"	"	"	
	14:15	53° 00.51	0° 00.95 E	2511	2522	163	11.5	"	"	"	"	"	Makre	
	14:30	53° 01.00	0° 01.16 E	2445	2462	272	3.1	"	"	"	"	"	"	
	14:42	53° 00.64	0° 00.71 E	2505	2518	126	1.7	"	"	"	"	"	Makre	Station PS 63/030 → Verankerung



30 Date	Time UTC	Latitude	Longitude	Depth PLS [m]	Depth HS [m]	Course [°]	Speed [km]	Pulse	Record Length	Wait Time	Deso No.	Disk No.	Watch	Comments
1.12.02	14:30	53° 01,642	0° 05,17E	2424	16913!	184	1.8	2	266	0	3	1	Walter	Nach Verankerung Aufnahme
"	14:31	"	"	4418	2437	164	0.9	"	"	60	"	"	"	Standby, Reparaturarbeiten + Verankerung
"	16:00	53° 01,58	0° 06,4E	2470?	—	564	0.4	2	"	60	"	"	Clelia	Strahlbetrieb
"	17:00	53° 01,3	0° 07,65E	2542	—	136	1.4	2	"	60	"	"	"	"
"	18:00	53° 00,83	0° 04,55E	2474	—	268	2.5	2	"	"	"	"	"	Kurze Dampfstriche beim Anbringen
"	19:20	53° 00,44	0° 03,22E	2509	2521	262	3.2	"	"	60	"	"	Paul	des Verankerung
"	20:06	53° 00,87	0° 01,15E	2479	2488	26	4.7	"	"	0	"	"	Conrad	Umbau zur GUC-Station
"	21:42	52° 59,30	0° 01,21W	2555	2569	331	5.6	"	"	0	"	"	"	Ende Station 63/030 MAC
"	22:00	52° 58,08	0° 00,51W	2586	2594	310	5.6	"	"	"	"	"	"	Beginn HS-Survey-Umkehr
"	22:15	52° 57,85	0° 02,48W	2598	2598	182	8.8	"	"	"	"	"	"	"
"	22:30	59,99	02,58W	—	2535	179	10.8	"	"	"	"	"	"	"
"	22:45	53° 02,21	0° 00,14W	2050	2088	83	10.4	"	"	"	"	"	"	"
"	23:00	53° 00,34	0° 02,49E	2530	2542	41	10.1	"	"	"	"	"	"	"
"	23:15	52° 57,96	0° 02,52E	2566	2586	356	9.9	"	"	"	"	"	"	"
"	23:30	52° 55,79	0° 02,51	2593	2571	147	5.9	"	"	60	"	"	"	Schiff bleibt auf Position!
"	23:37	"	"	"	"	"	0	—	—	—	3	1	—	PSS und Personal abgeholt
02.12.02	08:35	"	"	"	"	"	"	"	"	"	"	"	"	Plattenwechsel 1 → 5
"	08:45	52° 57,50	0° 06,98	2635	2644	228	7.3	2	266	0	3	5	Ronald	Beginn der Einschaltprozedur Paracoustic
"	09:00	58,58	04,81	2559	2572	264	6.0	"	"	"	"	"	"	"
"	170	54,86	02,13	2532	2546	237	7.0	"	"	"	"	"	"	"
"	183	53° 00,58	01,12	2517	2521	112	1.6	"	"	60	"	"	"	Frequ. auf 5.5
"	19:06	53° 00,63	0° 01,04E	2511	2523	194	8.4	"	"	0	5	5	Claudia D.	Frequ. auf 4.0
"	19:16	53° 02,78	0° 00,49E	0	2086	171	10.3	"	"	"	"	"	Christoph	Platten 30 E
"	19:30	53° 04,60	0° 00,07W	1837	1820	178	7.6	"	"	"	"	"	"	"
"	19:45	53° 07,06	0° 00,70W	2548	2567	175	10.1	"	"	"	"	"	"	"
"	20:00	53° 09,59	0° 01,33W	2679	2690	182	10.7	"	"	"	"	"	"	"
2.12.02	15	53° 12,364	0° 01,973	2693	2704	185	10.3	"	266	0	3	5	Conny	"
"	15	53° 14,949	0° 02,661	2455	2481	195	10.8	"	"	"	"	"	"	"
"	15	53° 17,579	0° 03,290	2417	2429	189	10.6	"	"	"	"	"	"	"
"	21:00	53° 20,212	0° 03,929	2514	2527	183	10.9	"	"	"	"	"	"	"

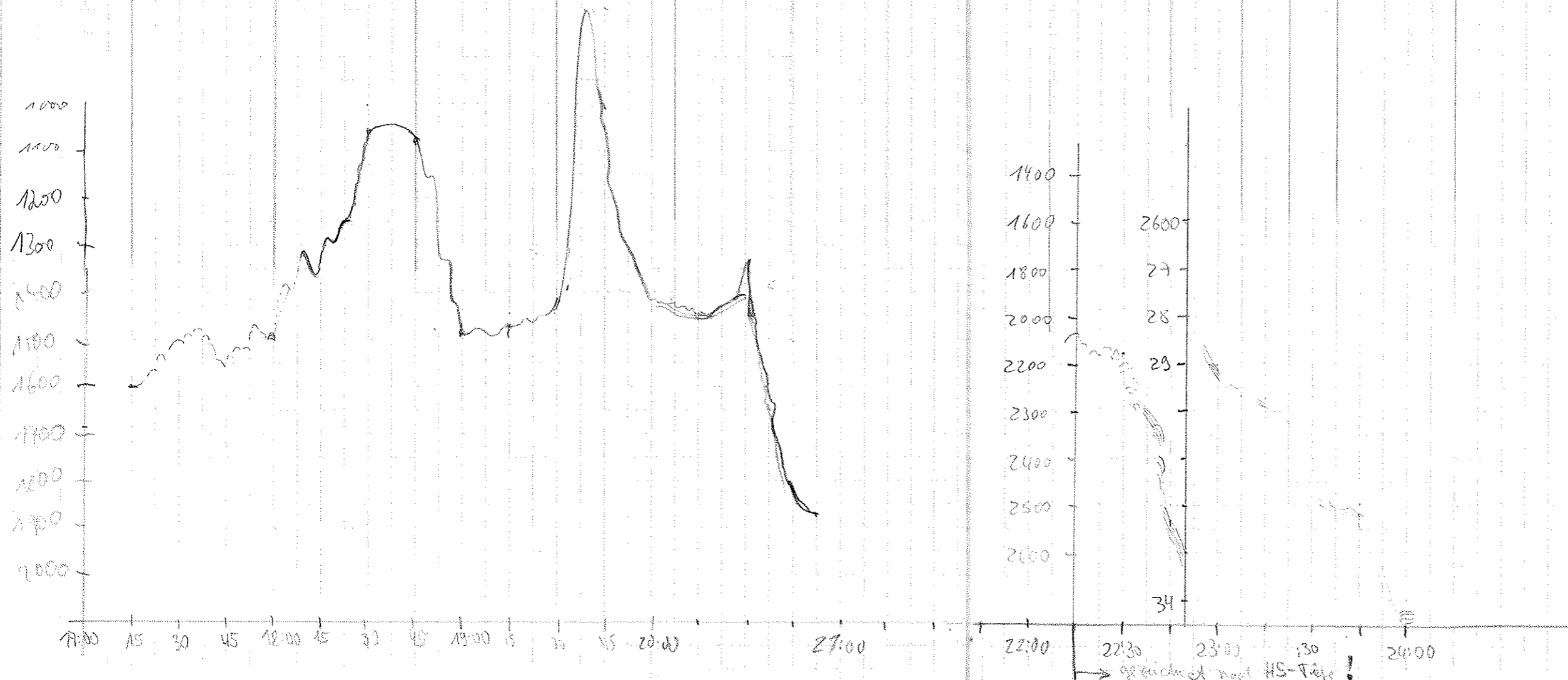


32 Date	Time UTC	Latitude [°S]	Longitude [°W]	Depth [5m]	Depth [15m]	Crust [°]	Speed [km]	Pulse	Record Length	Wait time	Deso No	Dist No	Work	Comments		
2.12.02	21:15	53° 22.832	0° 04.586	2501	2515	190	11.5	2	266	0	3	5	Conny	21 ⁰⁰ Signal weg 21 ⁰⁰ Signal wieder da ständiges Auf u. Ab		
	:30	53° 25.414	0° 05.232	2494	2516	185	10.4	"	"	"	"	"	"			
	:45	53° 27.927	0° 05.703	2518	2534	184	8.8	"	"	"	"	"	"			
	21:58	53° 29.542	0° 05.995	2492	2511	227	0.8	"	266	60	"	"	"		21 ⁵⁸ Station PS 63/031	
3.12.02	00:48	53° 31.67	0° 06.63	2532	2547	165	10.9	"	"	0	4	"	Thomas	Station Ende		
	01:00	33.41	06.50	2552	2563	178	10.5	"	"	"	"	"	"			
	:15	36.45	06.36	2558	2569	178	10.6	"	"	"	"	"	"			
	:30	38.83	06.35	2616	2622	183	10.4	"	"	"	"	"	"			
	:45	41.40	06.33	2697	2709	187	10.0	"	"	"	"	"	"			
	02:00	44.10	06.37	2713	2721	174	10.9	"	"	"	"	"	"			
	:15	46.78	06.36	2857	2690	183	11.2	"	"	"	"	"	"			
	:30	49.44	06.36	2544	2564	185	10.6	"	"	"	"	"	"			
	:45	52.48	06.36	2241	2319	187	10.4	"	"	"	"	"	"			
	03:00	54.99	06.36	2406	2430	184	10.8	"	"	"	"	"	"			
	:15	57.69	06.34	2540	2559	185	11.5	"	"	"	"	"	"			
	:30	59.99	05.70	2662	2703	180	5.7	"	"	"	"	"	"			
	:31	"	"	2714	2747	266	0.9	"	"	"	60	"	"		"	Station PS 63/032
	07:33	54° 00.96	0° 06.93	2782	2748	1220	7.1	"	"	0	"	"	"		Ende Station PS 63/032	
	7:45	5° 03.08	0° 06.42	2682	2712	170	14.1	"	"	"	"	"	"			
	08:00	06.67	05.16	2715	2722	170	14.6	"	"	"	"	"	"			
	8:15	70.20	03.77 W	2589	2608	161	13.8	"	"	"	"	"	"			
	8:30	73.72	2.69 W	2632	2648	171	15.2	"	"	"	"	"	"			
	8:45	77.31	1.74 W	2573	2590	176	14.9	"	"	"	"	"	"			
	9:00	70.69	1.13	2464	2455	175	14.5	"	"	"	"	"	"			
9:15	24.55	00.74	2264	2274	174	15.0	"	"	"	"	"	"				
:30	29.24	00.065 E	1779	1786	173	14.2	"	"	60	"	"	"				
:44	30.65	01.33 E	1746	1756	110	1.3	"	"	"	"	"	"				
11:50	54° 51.63	0° 00.24 E	1643	1653	330	7.2	"	"	0	"	"	"	Ende Mooring Hydroscop survey Deso ausserschiff v. Range >?? Plötzlich Reflexion viel schwächer → Galt Reflexion wieder stärker Station PS 63/033 Mooring deployment			
12:00	30.22	00.03	1623	1638	360	11.0	"	"	0	"	"	"				
12:15	54° 30.469	0° 03.26 W	1540	1525	186	11.2	"	260	0	3	5	Walter				
12:30	34.380	0° 03.8 W	1410	1453	90	11.6	"	"	"	"	"	"				
12:45	30.51	0° 01.6	1491	1530	250	10.1	"	"	"	"	"	"				
13:00	25.273	0° 03.38	1700	1705	89	7.3	"	"	"	"	"	"				
13:15	30.194 S	0° 00.254 W	1676	1684	104	5.4	"	"	"	"	"	"				
13:21	54° 30.284	0° 00.306 E	1697	1711	138	1.1	"	260	60	3	5	Walter				

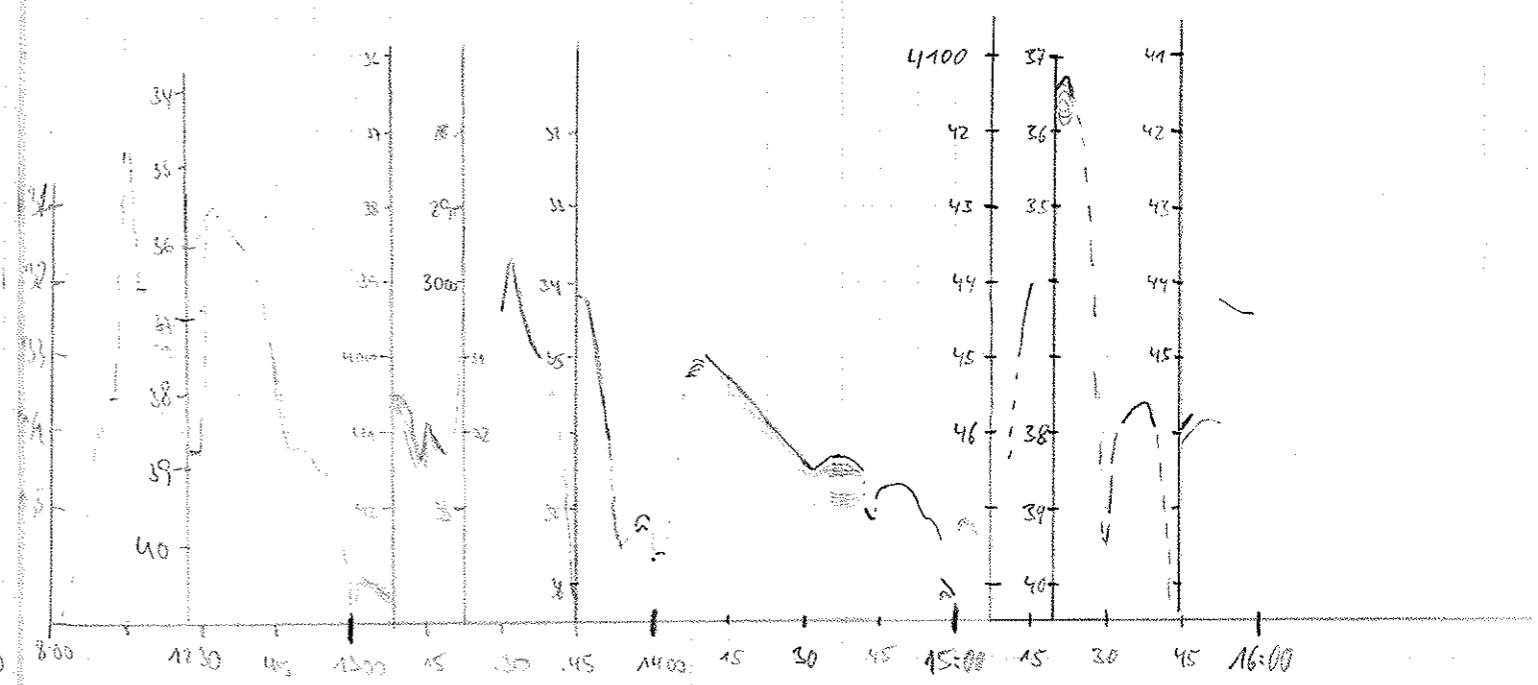
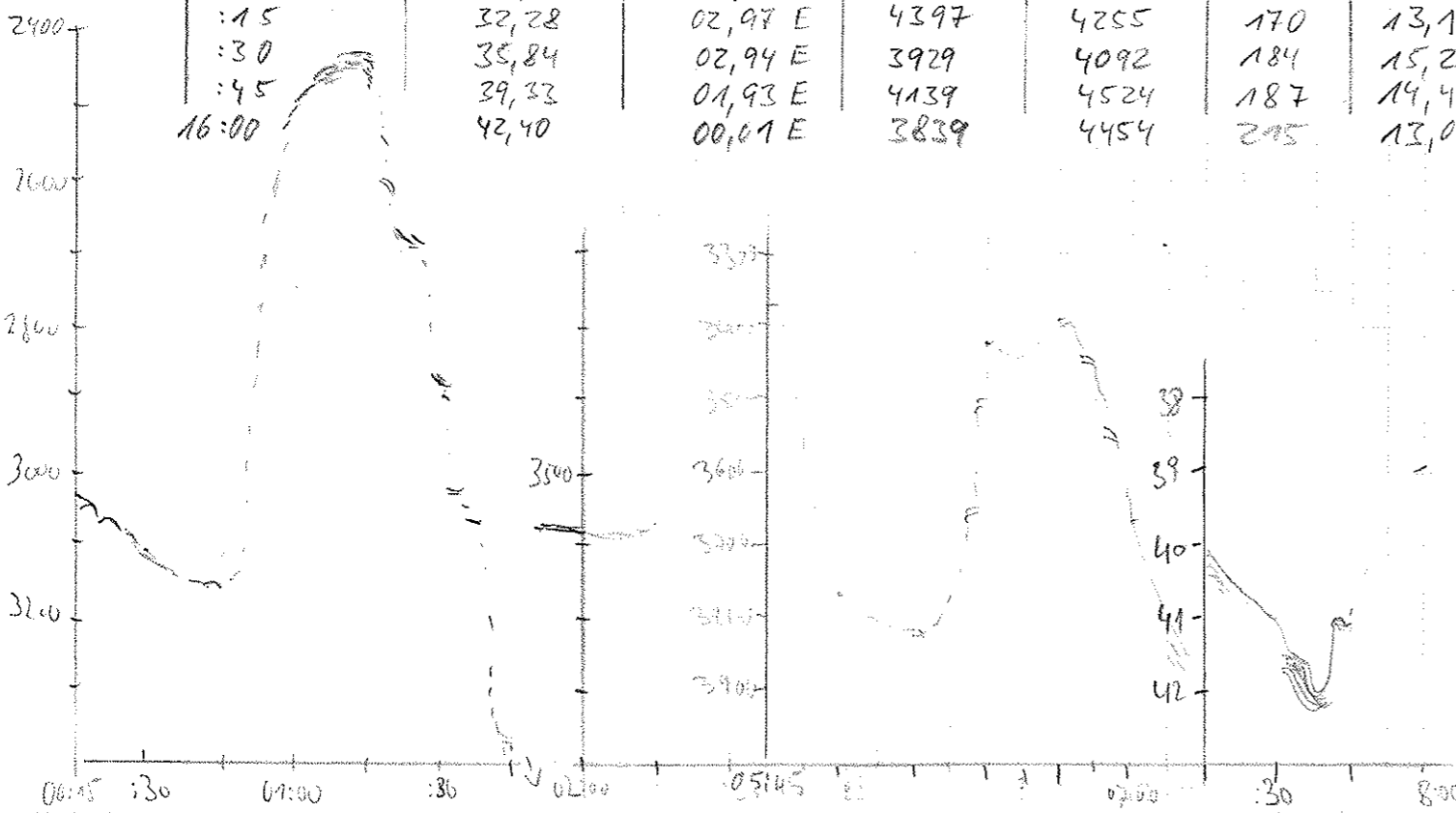


34) Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth [m]	Depth [m]	Current [m]	Speed [m]	Pulse	Rec. Length	Wait time	Deso No.	Disk No.	Watch	Comments
3.12.02	14:00	54°30,54	0°01,58	1747	1757	122,5	0,5	2	266	60	3	5	claud all.	Stationenstraße, Baselberg
"	17:13	54°31,229	0°00,928	1606	1618	224	1,4	2	266	0	3	5	Ashid	Ende Station 17:13
	17:30	30,610	02,145	1504	1514	266	10,7	"	"	"	"	"	"	"
	:45	30,906	06,449	1564	1575	165	8,5	"	"	"	"	"	"	"
	18:00	33,268	06,229	1483	1489	187	9,5	2	266	0	3	5	Ashid	
	15	54°35,57	0°06,35 W	1335	1244	175	9,9	"	"	"	"	"	"	Matre
	30	54°37,99	0°06,33 W	1055	1073	182	9,7	"	"	"	"	"	"	Christina
	45	54°40,38	0°06,35 W	1081	1102	178	10,1	"	"	"	"	"	"	
	19:00	54°42,77	0°06,37 W	1140	1494	179	9,0	"	"	"	"	"	"	
	15	54°45,09	0°06,35 W	1142	1472	180	8,7	"	"	"	"	"	"	
	30	54°47,37	0°06,34 W	1139	1420	178	9,8	"	"	"	"	"	"	
	45	54°49,69	0°06,37 W	1005	1011	177	9,4	"	"	"	"	"	"	
	20:00	54°51,88	0°06,32 W	1214	1377	181	9,1	"	"	"	"	"	"	
	:15	54°54,13	0°08,36 W	-	1441	177	9,3	"	"	"	"	"	"	Gerd
	:30	56,38	06,35 W	-	1477	177	9,8	"	"	"	"	"	"	"
	:45	58,65	06,36 W	-	1816	185	9,5	"	"	"	"	"	"	"
	:53	58,52	06,37 W	-	1854	289	0,7	"	"	60	"	"	"	"
	22:17	54°59,84	06,39 W	-	1872	259	4,7	"	"	0	"	"	"	"
	22:30	55°00,49	0°06,57 W (1661)	2158	174	174	8,5	"	"	"	"	"	"	Claudia D.
	:45	02,49	06,47 W (1813)	2542	180	180	8,9	"	"	"	"	"	"	"
	23:00	04,40	06,58 W (2039)	2904	179	179	8,7	"	"	"	"	"	"	"
	15	06,54	06,64 W	0	2971	180	8,7	"	"	"	"	"	"	"
	30													
	45	10,58	06,72	0	3225	174	8,2	"	"	"	"	"	"	"
4.12.02	0:00	12,57	06,77	3439	3457	179	8,5	"	"	"	"	"	"	"
	15	14,73	06,36	3031	3071	150	7,2	"	"	"	"	"	"	Thomas

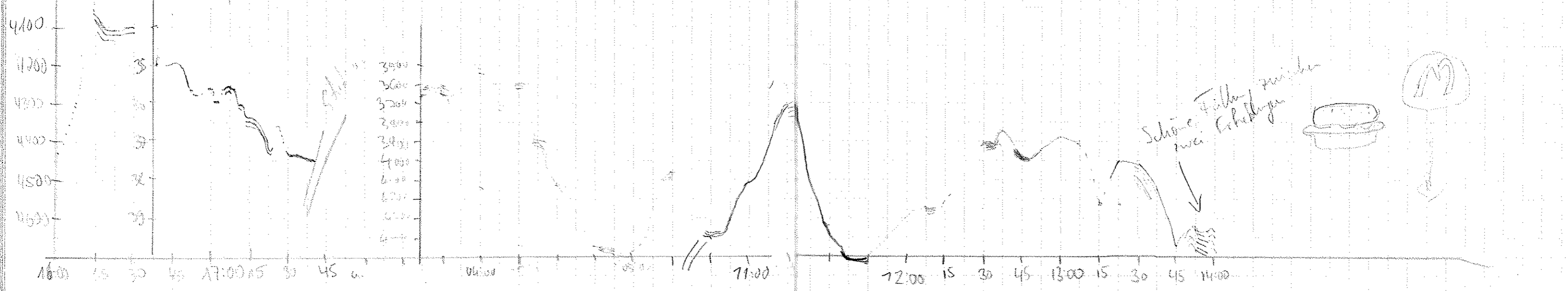
Deso nicht nachgestellt.
 18:58 Mode = 4 (=> falsche PST-Info!)
 Mode = 1
 Mode = 4
 auf Station PS63/634 CTD 08
 Ende Station 09
 Parasound zeigt nur Referenz, Tiefe aber falsch!
 Deso auf 1:20.000



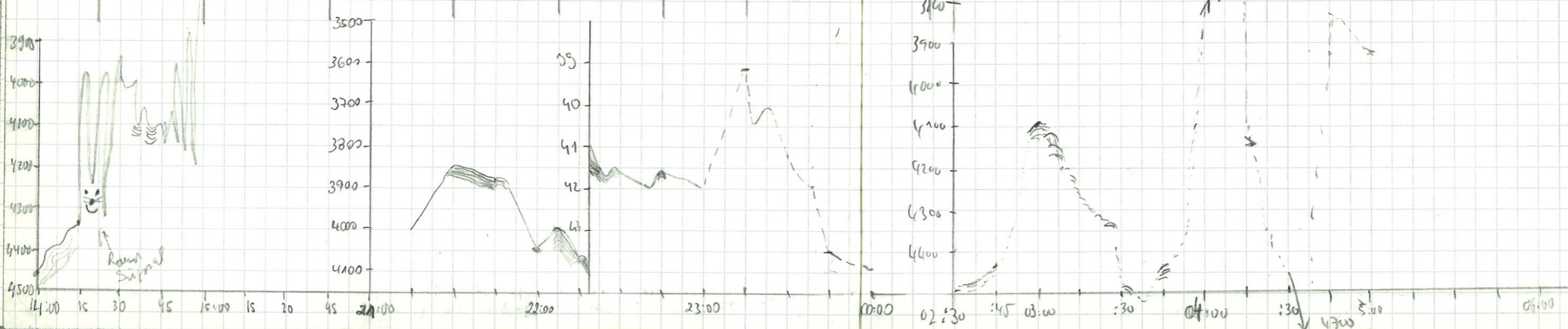
36 Date	Time UTC	Latitude [°S]	Longitude [°W]	Depth PS [m]	Depth HS [m]	Course [°]	Speed [kts]	Pulse	Rec length	Wait Time	Deso No.	Disk No.	Watch	Comments	37
04.12.02	00:30	55° 16,70	0° 06,21	3107	3160	184	8,5	2	266	0	3	5	Thomas	Schwache Reflexionen	
	:45	18,49	06,34	3180	3211	178	8,4	4	"	"	"	"	"		
	01:00	20,80	06,27	2688	2813	181	8,8	"	"	"	"	"	"	sehr still / kaum Reflexionen	
	:15	22,72	06,24	2466	2497	177	8,4	"	"	"	"	"	"		
	:30	25,05	06,36	2873	2917	172	9,2	"	"	"	"	"	"		
	:45	27,19	06,35	3574	3500	175	8,9	"	"	"	"	"	"		
	02:00	29,43	06,36	3573	3500	178	8,6	"	"	"	"	"	"	Winkel konstant am bear. Punkt	
	02:10	55° 29,74	0° 06,54	3590	3607	339	12,5	"	"	60	"	"	"	übersteuert ← beginn station 63/35	
	05:42	55° 29,66	0° 04,41	3372	3421	266	6,6	"	"	60	"	"	Radio	Ende Station	
	06:00	31,59	06,32	3764	3909	181	11,3	"	"	0	4	"	"	Personwechsel	
	:15	34,12	06,32	3864	3880	183	11,1	"	"	"	"	"	"	Tiefe kommt nicht näher,	
	:30	38,33	06,36	3411	3453	174	10,6	"	"	"	"	"	"	Neustad Parasound	
	:45	40,66	06,35	(3290)	3398	180	11,4	"	"	"	"	"	"	Bild, wenn sich fast nicht	
	07:00	42,41	06,35	3591	3669	183	10,7	"	"	"	"	"	"		
	:15	45,22	06,36	3913	4156	180	11,6	"	"	"	"	"	"		
	07:30	47,97	06,35	4064	4100	180	12,1	11	"	0	4	"	Claudia H (i.V.)	Schwache Reflexion	
	07:45	51,02	06,36	4071	4094	181	11,5	"	"	"	"	"	"		
	08:00	53,62	06,35	3941	3919	182	11,5	2	266	0	4	5	Wolfgang		
	:15	56,49	06,37	3031	3085	187	12,1	"	"	"	"	"	"		
	:30	59,40	06,28	3857	3856	169	8,1	"	"	60	"	"	"	Station 63/036	
	12:25	56° 00,081	0° 00,419	3860	3870	189	8,4	"	266	0	"	5	Conny	12 ²⁵ Station Ende	
	:30	00,813	00,533	3867	3875	184	13,0	"	"	"	"	"	"	12 ³⁰ sehr still, kaum Reflexion	
	:45	04,275	00,866	3789	3849	183	13,5	"	"	"	"	"	"	keine Reflexion	
	13:00	07,744	00,966	4056	4078	178	15,7	"	"	"	"	"	"		
	:15	11,302	00,928	4085	4105	179	15,5	"	"	"	"	"	"		
	:30	14,809	00,925	3037	2060	181	13,1	"	"	"	"	"	"	sehr still Höhenunterschied von ~1000m	
	:45	18,408	00,945W	3422	3430	181	13,9	"	"	"	"	"	"		
	14:00	21,55	00,39 W	3760	3767	151	6,5	"	"	"	"	"	Thomas W.	Schiff langsamer, leichte Kursänderung	
	:15	22,79	00,93 E	3533	3557	145	4,0	"	"	"	"	"	"		
	:30	23,42	01,71 E	3640	3655	143	2,7	"	"	"	"	"	"		
	:45	25,55	02,26 E	3670	3696	176	12,9	"	"	"	"	"	"	Schiff schneller, Signal kurz verloren	
	15:00	56° 28,69'	02,00 E	3867	3935	181	13,4	"	"	"	"	"	"		
	:15	32,28	02,97 E	4397	4255	170	13,1	"	"	"	"	"	"	tiefen bis mind. 4600m	
	:30	35,84	02,94 E	3929	4092	184	15,2	"	"	"	"	"	"	steigt auf 3700m, schwer zu verfolgen	
	:45	39,33	01,93 E	4139	4524	187	14,4	"	"	"	"	"	"		
	16:00	42,40	00,61 E	3839	4454	205	13,0	"	"	"	"	"	"		



38 DATE	TIME [UTC]	Latitude [°S]	Longitude [°W]	Depth PS [m]	Depth NS [m]	Course [°]	Speed [kn]	Pulse	Rec. length	Wdr. time	Deso No	Disk No	Watch	Comments
04.12.2012	16:15	56°45.820	0°00.247	4087	4094	137	14.3	2	266	0	4	5	Ashid	
	:30	45.704	0°04.703	4101	4118	114	9.6	"	"	"	"	5	"	
	:45	47.639	08.120	3492	3537	184	11.3	"	"	"	"	"	"	
	17:00	56°49.953	0°07.075	3566	3621	196	11.8	2	266	0	4	5	"	
	:15	53.280	05.208	3641	3658	195	14.9	"	"	"	"	"	"	
	:30	56.209	02.506	3726	3739	201	8.0	"	"	"	"	"	"	17:39 Programm abgestört wegen Drucker
	17:42	56°57.258	0°01.750	3752	3768	306	6.3	2	266	60	4	5	"	17:41 Programm läuft wieder
	20:10	56°57.71	0°02.1	3744	3758	255	6.8	"	"	0	4	3	Sylvia	17:42 Stationsbeginn 63/037
	:15	57.91	01.19	3776	3790	248	8.2	"	"	"	"	"	Thomas	17:58 Popasspeed von 1:100.000 auf 1:50.000 umgestellt
	:20	57.50	00.18	3832	3850	359	11.5	"	"	60	"	4	"	Ed: 18:02 wieder auf 1:100.000 umgestellt
	03:38	56°54.78	0°05.23 E	3678	3710	344	11.3	"	"	0	"	3	Thomas	19:05 Plattenwechsel 5-53
	:45	53.82	04.95 E	3652	3668	215	9.2	"	"	"	"	"	"	19:07 PS neu gestartet
	04:00	51.41	05.58 E	3530	3549	334	10.3	"	"	"	"	"	"	Ende Station
	:15	49.30	05.26 E	3603	3591	344	34.8	"	"	"	"	"	"	CD 9
	:30	46.71	03.52 E	4121	4196	13.4	34.1	"	"	"	"	"	"	CD 10
	:49	42.05	01.29 E	(4450)	4402	13.6	34.5	"	"	"	"	"	"	sehr bündelig, 2000 2. und letzte Position, viel falsche Tiefe PS
	05:00	34.56	0°00.32	4563	4549	13.6	34.9	"	"	"	"	"	"	
	:17	35.44	01.29 W	(3689)	4058	13.5	34.6	"	"	"	"	"	"	
	:30	33.54	2.10 W	4411	4432	10.7	35.4	"	"	"	"	"	"	
	:45	56°31.62	0°02.67 W	4397	4417	6.4	35.1	"	"	60	"	6	"	Station PS63/038
	10:41	56°32.20	0°01.19 W	4411	4428	7.5	22.7	"	"	0	"	"	"	Ende Station
	11:00	35.23	0°17.20	4364	4109	14.0	18.8	"	"	"	"	"	"	
	:15	38.51	0°01.39 W	3239	3624	10	17.5	"	"	"	"	"	"	
	:30	41.83	0°03.31 W	-	4316	14.8	18.6	"	"	"	"	"	"	
	:45	45.11	0°01.70 W	4521	4538	9.6	18.8	"	"	"	"	"	"	
	12:00	56°47.87	0°04.35 W	4290	4352	14.4	18.5	"	"	"	"	3	Claudia	prellisch keine Reflektoren
	:15	51.97	0°05.31 W	4135	4257	14.1	13.1	"	"	"	"	"	"	Popassaufgeschwindigkeit 1:50.000
	:30	55.01	0°05.78 W	3765	3935	14.4	15.2	"	"	"	"	"	"	
	:45	58	07	3933	4018	14.8	17.3	"	"	"	"	"	"	
	13:00	57°01.08	0°10.23 W	3878	3926	14.5	20.6	"	"	"	"	"	Walter	blöder Typspoden
	:15	57°04.577	0°11.032 W	3978	4001	15.2	18.0	"	"	"	"	"	"	blöder Typspoden, 1:20000
	:30	57°07.929	0°09.99 W	4011	4031	14.7	16.8	"	"	"	"	"	"	
	:45	57°11.163	0°09.739	4440	4419	14.8	18.6	"	"	"	"	"	"	
	14:00	57°15.11	0°08.70 W	4460	4380	14.2	19.2	"	"	"	"	"	Claudia	7.0m Einbringung

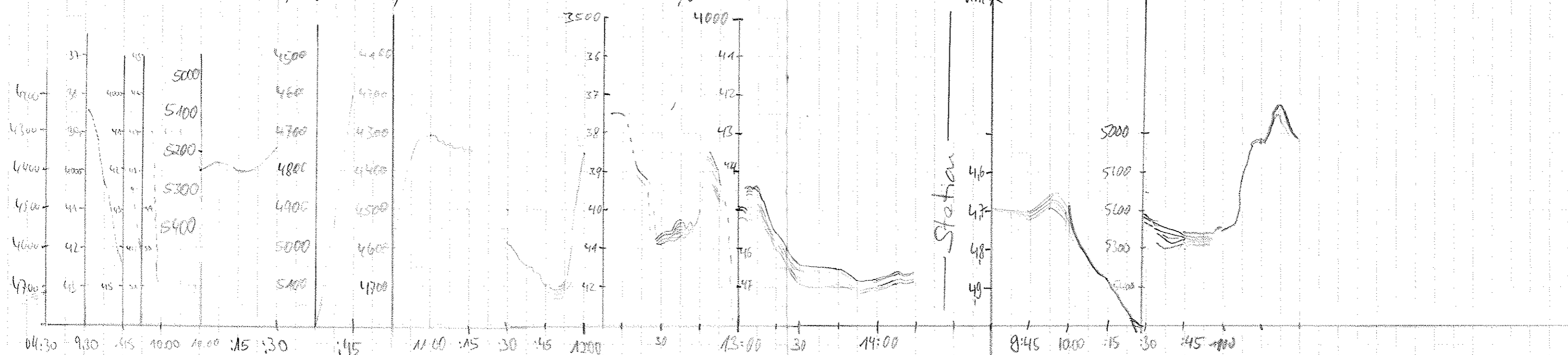


40 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth HS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec. Length	Wait time	Desc No	Trk No	Water	Comments	
5.12.02	14:15	57°17.59	0°07.49 W	4344	4353	10.7	197.5	12	266	0	4	3	Arctic	PS-Tiefe oft fahrl: Borelpiste Station PS63/039 Plattenwechsel 3-5 Ende Station besser kann ich's nicht sagen Auf Station 63/040 Station Ende sehr schwache Reflexionen " sehr steil! Station PS63/041 Parasound Neuslock (Tide wurde nicht übertragen)	
	30	57°20.39	0°07.28 W	3930	4019	14.9	186	"	"	"	"	"	"		
	45	57°23.86	0°07.61 W	4139	4188	14.1	197	"	"	"	"	"	"		
	15:00	57°26.88	0°07.42 W	3764	3861	10.5	170	"	"	"	"	"	"		
	15:15	57°29.21	0°06.43 W	3758	3813	6.0	165	"	"	"	"	"	"		
	15:24	57°30.37	0°06.65 W	3814	3860	0.7	193	"	"	60	"	"	"		
	18:38	57°31.38	0°07.84 W	3994	4017	0.0	33	"	"	"	"	5	Schmidt streck		
	21:15	57°32.72	0°07.69 W	3764	4025	6.7	192	"	"	0	"	"	"		
	21:30	57°33.80 S	0°07.69 W		3884	9.5	174	"	"	0	"	4	5		NL
	45	36.20	07.34	3890	3919	8.8	175	"	"	"	"	"	"		"
	22:00	39.06	07.22	4049	4062	14.0	170	2	266	0	4	5	Wolfgang		
	15	42.13	06.41	4064	4093	8.4	180	"	"	"	"	"	"		"
	30	44.88	06.37	4164	4184	9.7	181	"	"	"	"	"	"		"
	45	47.07	06.40	4177	4204	13.2	176	"	"	"	"	"	"		"
	23:00	50.02	06.37	4203	4227	14.3	181	"	"	"	"	"	"		"
	15	52.91	06.36	3914	4018	9.8	180	"	"	"	"	"	"		"
	30	55.35	06.52	4128	4149	10.0	189	"	"	"	"	"	"		"
	45	57.79	06.74	-	4334	8.7	172	"	"	"	"	"	"		"
	24:00	59.86	06.22	4382	4402	14.2	170	"	"	"	"	"	"		"
	24:07	58.00	04.74	4439	3999	0.2	-	2	266	60	"	"	"		"
06.12.02	02:26	58°02.31	0°02.00	4500	4524	5.7	178	"	"	0	"	"	Thomy		
	45	03.58	01.13	4439	4544	14.6	131	"	"	"	"	"	"		
	03:00	05.87	04.88	4097	4077	8.6	190	"	"	"	"	"	"		
	15	08.87	04.06	4214	4264	14.5	190	"	"	"	"	"	"		
	30	12.29	02.64	4564	4568	14.7	185	"	"	"	"	"	"		
	45	15.07	01.07	4630	4452	14.6	155	"	"	"	"	"	"		
	04:00	18.39	03.40	?	3447	14.8	164	"	"	"	"	"	"		
	15	22.78	03.66	?	4024			"	"	"	"	"	"		
	40	27.95	03.38	(3939)	3972	14.5	180	11	"	"	"	"	Regin		
	45	28.81	03.39	3933	3974	11.3	180	"	"	"	"	"	"		
154	58°30.03	0°03.86 E		4264	5.4	140	"	"	60	"	"	"	"		



42 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec Length	Wait Time	Torso No	Disk No	Watch	Comments	43
06.12.02	04:30														
	09:30	58° 29,257	0° 05,105	3848	3880	5,6	231	2	266	0	4	5	Conny	9.21 Station Ende	CD10
	09:45	30,324	03,507	4283	4316	7,2	169	"	"	"	"	"	"		CD11
	10:00	32,179	04,067	0	5767	7,4	176	"	"	"	"	"	"	10:05 Depth von 5000 - 10000	
	10:15	34,05	04,15	5238	5252	8,9	182	"	"	"	"	"	Ingrid	10:42 Depth von 1800 - 5000	
	10:30	36,65	04,10	5185	5205	8,7	181	"	"	"	"	"	"		
	10:45	38,59	04,10	4573	4620	8,8	179	"	"	"	"	"	"		
	11:00	40,82	04,12	0	4314	9,1	179	"	"	"	"	"	"		
	11:15	43,18	04,18	4351	4404	8,3	180	"	"	"	"	"	"		
	11:30	45,61	04,19	4590	4647	8,2	181	"	"	"	"	"	"		
	11:45	47,77	04,20	4664	4733	9,2	180	"	"	"	"	"	"		
	12:00	49,98	04,25	0	4399	7,2	181	"	"	"	"	"	"		
	12:15	52,08	03,93	3766	3788	8,0	182	"	"	"	"	"	Thomas W.		
	12:30	54,19	03,63	4055	4068	8,6	190	"	"	"	"	"	"		
	12:45	56,18	03,67	0	4008	9,3	178	"	"	"	"	"	"		
	13:00	58,43	03,79	4475	4496	9,0	177	"	"	"	"	"	"		
	13:15	59° 00,53	04,14	4440	4576	5,0	180	"	"	"	"	"	"		
	13:30	01,51	03,85	4589	4645	4,3	183	"	"	"	"	"	"	Schiff zeitw. 3 Knoten	
	13:45	02,98	03,94	4657	4676	8,7	176	"	"	"	"	"	"		
	14:00	04,25	04,42	4679	4699	8,3	174*	"	"	"	"	"	"	* Schiff dreht kurz, dann 210°	
	14:15	03,98	04,50	4674	4694	11,6	206	"	"	"	"	"	Sylvia		
	14:30	03,99	05,01	4673	4692	8,6	323	"	"	"	"	"	Rosario	14:55 Abbremsen, Station PS631042	
	14:41	59° 04,35	0° 04,26	4682	4698	8,1	325	"	"	60	"	"	"	PSS Neustart wg. Druck	
	14:48	"	"	"	"	"	"	"	"	60	"	3	"	Man hat PSS, Plattewechsel 5-53	
	23:40	59° 04,733	0° 03,658	4663	4708	0,3	281	2	266	0	4	3	Walter	Aktiviert, da keine Dampfzeit	
	23:52	53' 04,733	0° 03,644	4664	4709	0,5	223	"	"	60	"	3	"	Deaktiviert, Station Bildschirm schreibmich	
														Rechner Neustart, da nach Laut	
														versehentlichem Drücken einer Plat-	
														taste kein Bildupdate, dann Abstart	
														Station	

07.12.02	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec Length	Wait Time	Torso No	Disk No	Watch	Comments
	09:56:00	59° 04,60	0° 04,15 E	4683	4703	10,1	177							
	09:45	59° 05,91	0° 04,05 E	4695	4715	9,7	197	2	266	0	4	3	Claudio H.	Eindringtiefe ~ 50m
	10:00	07,97	0° 03,25 E	4814	4752	10,4	186	"	"	"	"	"	"	
	10:15	09,45	02,84 E	-	4889	10,5	192	"	"	"	"	"	Gerd	
	10:30	12,63	01,71 E	5216	5238	11,7	199	"	"	"	"	"	"	
	10:46	15,37	00,83 E	5215	5249	10,7	187	"	"	"	"	"	"	
	11:01	17,82	00,08 E	5187	5243	9,0	190	"	"	"	"	"	"	
	11:15	20,13	00,70 E	-	5070	8,5	183	"	"	4km	"	"	"	

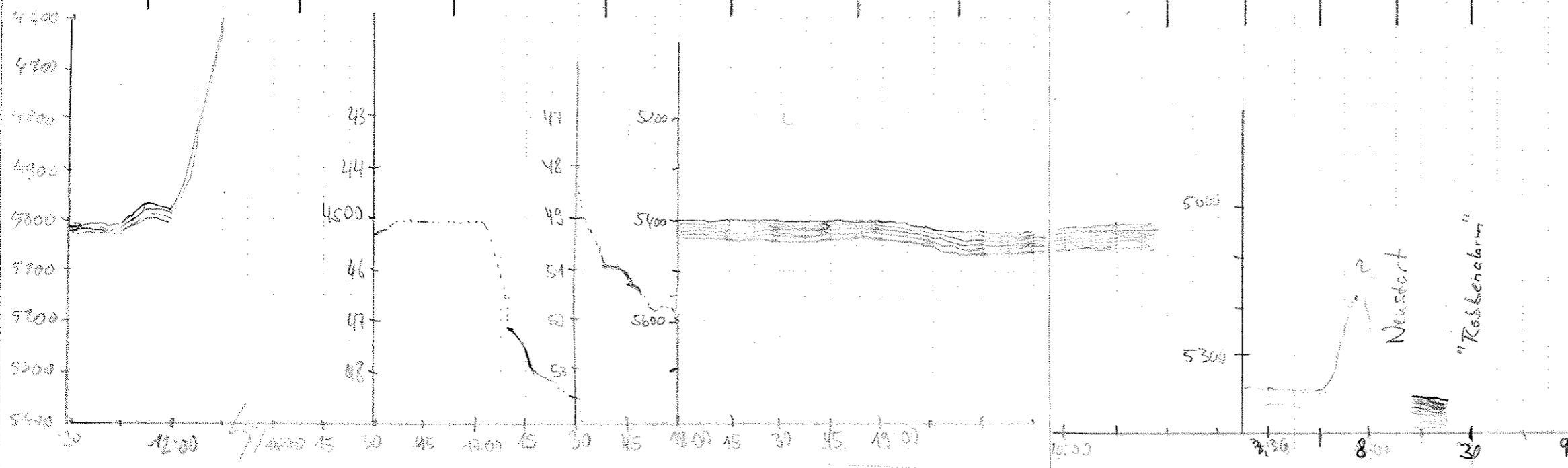


Date	Time UTC	Latitude [° S]	Longitude [° W]	Depth PSE [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec Length	Wait Time	Depth No.	Dist No.	Watch	Comments
07.12.02	11:30	59° 22,25'	0° 01,39' W	-	5028	8,7	189	2	266	0	4	3	Gerol	
	:45	29,63'	2,20' W		5003	8,6	180	"	"	"	"	"	"	
	12:00	26,84'	2,89' W	4959	4973	9,8	189	"	"	"	"	"	"	
	15	55° 29,23'	0° 02,96' W	3914	4606	7,1	156	"	"	"	"	"	"	
	:16	"	"	"	"	"	"	"	"	60	"	"	"	
	16:33	59° 27,27'	0° 00,94' W	4543	4615	4,7	222	2	266	0	4	3	Ashid	
	:45	28,763'	0,310'	4511	4579	4,8	209	"	"	"	"	"	"	
	17:00	59° 29,626'	0° 03,568'	4511	4632	5,4	214	"	"	"	"	"	"	
	:15	31,028'	0,836'	4760	4785	9,3	173	"	"	"	"	"	"	
	:30	33,41'	0,812'	4850	4879	9,6	181	"	"	"	"	"	"	
7.12.02	18:00	59° 37,71 S	0° 03,94 W	5188	5329	8,7	179	"	"	"	"	"	"	
	:15	40,03	03,96	5372	5397	8,7	181	2	266	0	4	3	NL	
	:30	42,48	03,85	5372	5399	10,8	175	"	"	"	"	"	"	
	45	44,83	03,78	5373	5398	8,7	177	"	"	"	"	"	"	
	19:00	59° 47,22 S	0° 03,89 W	5377	5407	10,7	186	"	"	"	"	"	"	
	:15	49,82	04,12	5385	5415	10,5	183	"	"	"	"	"	"	
	:30	52,25	04,02	5396	5431	8,8	176	"	"	"	"	"	"	
	45	54,14	03,87	5394	5427	7,7	177	"	"	"	"	"	"	
	20:00	56,33	03,96	5385	5420	8,8	181	2	266	0	4	3	Wolfay	
	:15	58,14	03,98	5379	5406	4,3	175	"	"	60	"	"	"	
:24	58,65	04,20	5376	5405	-	-	"	"	"	"	"	"		
22:20	59° 58,09	0° 02,92	-	5376	0,4	44,5	-	-	-	-	-	-	Gerol	
08.12.02	23:28											5		
	00:00									60		5		
	03:27	60° 27,22	0° 03,86	-	-	4,8	76	1	"	60	"	5		
	04:24	60° 30,53	0° 04,10	5356	5380	0,3	21	2	"	"	"	"		
	07:20	60° 29,62	0° 02,63 W	5358	5384	2,1	214	2	"	0	"	"		
:30	30,27	03,77 W	5356	5385	3,4	223	"	"	"	"	"			
:45	31,48	04,03	5360	5387	4,2	174	"	"	"	"	"			
8:00	34,04	03,96	(5388)	5276	4,7	120	"	"	"	"	"			
:15	36,35	03,81	5379	5404	8,9	177	2	266	0	"	5	Thomash		

12:05 Neustart (Tiefe Isothermie bis 12:15 kein Signal (alubien))
 12:16 Station PSG2/043
 16:33 Stationsende

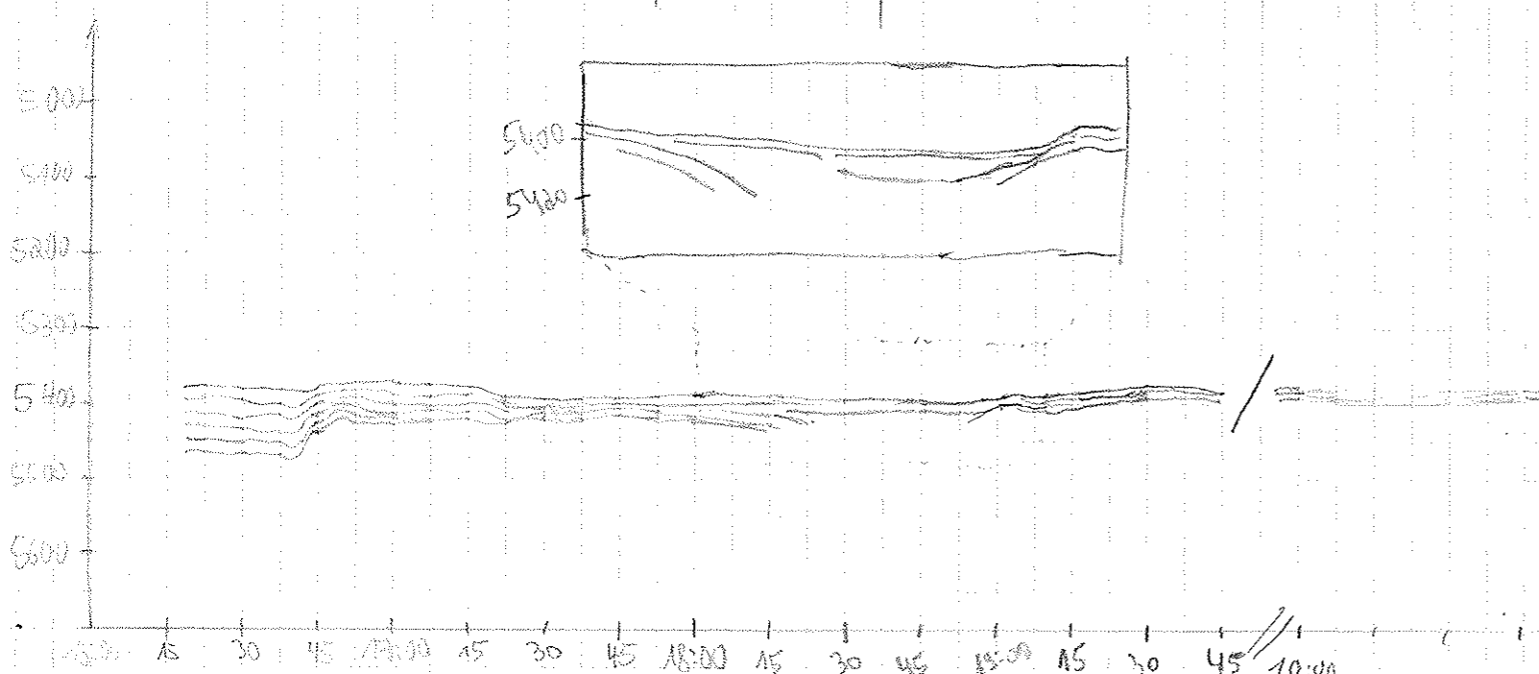
Station 63/044
 System angeschlossen wg. Dunkelheit
 PSE abgestellt Plo. Wechsel 3→5
 PSE Neustart (unklar!)
 Parasound Soft Start
 Station PSG2/045
 Ende Station

oops, Luftke vergessen auf Prof wieder angeschlossen, ca. 11:00
 Neustart, Parasound (wg. Telegramm Parasound aus (8:21) "Robbenalarm")

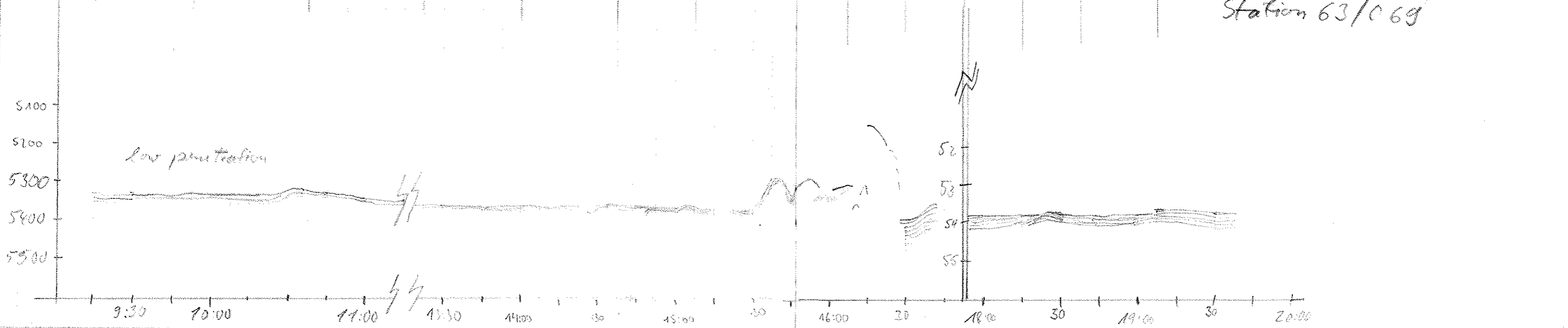


46 Date	Time	Latitude [°S]	Long. Lude [°W]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Dist	Record Length	Wind time	Dist No	Dist No	Watch	Comments	47
08.12.02	09:32	60°47,69	0°03,94W	5398	5402	8,9	180	2	266	0	4	5	Wald	Soft start PS from 08:46	
	145	48,88	03,96 W	5397	5420	9,0	179	"	"	"	"	"	"		
	09:48												"		
	11:22	60°59,66	0°0,04' W	—	5407	0,6	75	2	266	60	4	1	Good	Robbe → AUS Beginn Survey auf Station 47?	
	16:20	60°58,048	0°00,375E	5385	5416	3,7	175	2	266	0	4	1	Aschid	16:20 Stationsende	
	16:30	60°58,818	0°00,186E	5386	5423	5,6	188	"	"	"	"	"	"	"	
	16:45	61°00,949	0°00,505W	5381	5416	9,4	189	"	"	"	"	"	"	"	
	17:00	61°03,064	0°01,104W	5373	5395	8,4	186	"	"	"	"	"	"	"	
	17:15	05,271	0°01,782W	5371	5395	8,8	188	"	"	"	"	"	"	"	
	17:30	07,557	0°02,314W	5386	5411	8,0	185	"	"	"	"	"	"	"	
	17:45	09,877	02,485W	5383	5407	9,3	183	"	"	"	"	"	"	"	
	18:00	61°12,249	0°02,771W	5385	5410	9,6	182	"	"	"	"	"	"	"	
	18:15	61°14,58	0°02,04 W	5385	5402	10,1	182	"	"	"	"	"	"	Matte	
	18:30	61°16,80	0°02,30 W	5393	5412	8,9	183	"	"	"	"	"	"	"	
	18:45	61°19,02	0°02,59 W	5400	5423	8,8	183	"	"	"	"	"	"	"	
	19:00	61°21,28	0°02,76 W	5392	5419	9,7	183	"	"	"	"	"	"	"	
	19:15	61°23,49	0°04,00 W	5383	5408	9,4	184	"	"	"	"	"	"	"	
	19:30	61°25,86	0°04,14 W	5378	5403	9,3	181	"	"	"	"	"	"	"	
19:45	61°28,12	0°04,21 W	5384	5407	5,2	182	"	"	"	"	"	"	"		
19:48	61°28,51	0°04,23 W	0	5280	3,3	178	"	"	60	"	"	"	Wald		
20:30														In Stationsradius gearbeitet: PS63-48 ausgeschaltet. (wg Station und anschließender Dunkelheit (keine Waldbreite möglich) Desomechel 4 → 5	

09.12.2002	06:00	62°00,99	0°03,53 W	5364	5387	1,1	208	2	266	60	5	1	Wald	Soft start 05:05 - 06:05, storage on at 06:00 with problems (window depth was not given to PC) Station PS63/049-2 Eine Robbe um 07:31 + 8:30 Station 63/050 " Schiff bewegt sich langsam wg. Winde Soft start Ward Profil System: Absturz - Einschaltstrom = 012 begrenzt defekt 013
	9:52	62°16,40	0°03,15 W	5361	5379	10,4	192	2	266	0	5	1	Good	
	10:00	17,60	03,93	5358	5377	16,2	191	"	"	"	"	"	Wolfen	
	10:15	20,17	04,02	5337	5376	10,3	187	"	"	"	"	"	"	
	10:30	22,83	04,10	5354	5374	10,6	179	"	"	"	"	"	"	
	10:45	25,62	04,04	5351	5371	9,2	180	"	"	"	"	"	"	
	11:00	28,01	04,04	5346	5362	9,8	179	"	"	"	"	"	"	
	11:15	29,65	03,81	5343	5362	2,5	190	"	"	60	"	"	"	
	12:15	30,08	04,88	5344	5363	1,1	236	"	"	60	"	"	Thomas W.	
	13:00	62°42,016	0°04,232	5327	5347	9,6	176	2	266	0	5	1	Aschid	
16:02	62°40,693	04,170	5327	5342	9,2	179	"	"	"	"	"	"		



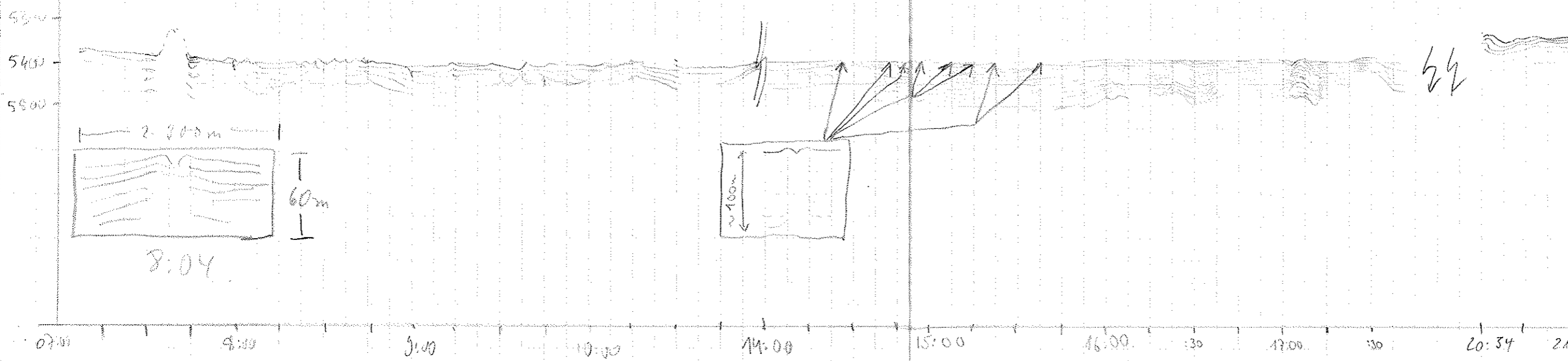
48) Date	Time UTC	Latitude POS	Longitude POS	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Read Length	Wait time	Depth No	Dirk No	Wahler	Comments
20.12.2002	08:10	63° 05,52	0° 04,53	-	-	11,6	352	-	-	-	-	-	Julia	Start Softstart 08:10
	09:10	62° 54,12	0° 04,02	5319	5338	11,6	359	2	266	0	5	5	"	Start Datenaufzeichnung 9:08
	:30	50,50	03,9	5323	5337	11,4	0,4							
	:45	47,46	03,9	5323	5341	11,6	359	2	266	0	5	5	Kerbin	
	10:00	44,64	03,81	5327	5350	11,6	359	"	"	"	"	"	"	
	:15	41,55	3,79	5330	5348	11,6	360	"	"	"	"	"	"	
	:33	38,32	3,71	5328	5351	11,5	358	"	"	"	"	"	"	
	:45	36,06	3,84	5334	5354	11,6	5	"	"	"	"	"	"	
	11:01	32,80	3,90	5341	5358	11,7	359	"	"	"	"	"	"	
	:19	29,47	4,12	5348	5364	11,6	0	"	"	"	"	"	"	
	:30	27,43	0° 04,09	5349	5367	11,8	0	"	"	"	"	"	"	
	:45	24,40	3,70	-	-	11,8	348	-	-	-	-	-	"	Aus wegen Robbe
	12:20													Beginn Softstart
	13:20	62° 06,43'	0° 04,37'	5363	5380	11,9	358	"	"	"	"	"	"	Beginn Aufzeichnung
	:30	04,50'	04,07'	5363	5383	11,4	350	"	"	"	"	"	Wolfgang	
	:45	01,78'	04,85'	5365	5385	11,6	26	"	"	"	"	"	"	
	14:00	61° 58,94'	0° 05,53'	5368	5385	11,5	357	"	"	"	"	"	Conny	
	:15	56,12'	04,94'	5368	5387	11,7	3,6	"	"	"	"	"	"	
	:30	53,27'	05,00'	5363	5381	11,5	359	"	"	"	"	"	"	
	:45	50,33'	04,92'	5368	5387	11,7	359	"	"	"	"	"	"	
	15:00	47,46'	04,19'	5363	5382	11,6	349	"	"	"	"	"	"	
	:15	44,56'	03,92'	5360	5380	11,5	359	"	"	"	"	"	"	
	:30	41,68'	03,92'	5362	5382	11,7	1,5	"	"	"	"	"	"	
	:45	38,81'	03,87'	5327	5349	11,4	0,6	"	"	"	"	"	"	
	16:00	35,91'	03,78' E	5319	5340	11,2	348	2	266	0	"	5	Thomas W.	
	:15	33,14'	02,79'	5015	5110	11,6	26	"	"	"	"	"	"	
	:30	30,34'	03,18'	5390	5413	11,5	56	"	"	"	"	"	"	
	:40													16:40 "Robbenalarm" => ausgestellt
	17:02													Beginn Softstart
	18:02	13,078'	00° 04,03'	5388	5410	9,7	15,7	"	266	0	5	5	Sylvia	
	:15	10,802	04,067	5381	5404	11,9	382,7	"	"	"	"	"	"	
	:30	07,99	03,482	5386	5413	11,9	8,4	"	"	"	"	"	"	
	:45	05,65	04,060	5390	5420	10,3	10,4	"	"	"	"	"	"	
	19:00	03,187	04,160	5377	5402	9,0	0,2	"	"	"	"	"	"	
	:15	00,946	03,912	5372	5402	6,6	312,4	"	"	"	"	"	"	
	:30	00,265	02,310	5372	5415	4,8	287,1	"	"	"	"	"	"	
	:45	00,00	01,265	5372	5420	4,9	150,8	"	"	"	"	"	"	
	22:12	61° 00,47	0° 02,93'	5386	5425	0,5	231	X	133	0	"	7	Arnd	
	22:45													Station 63/069



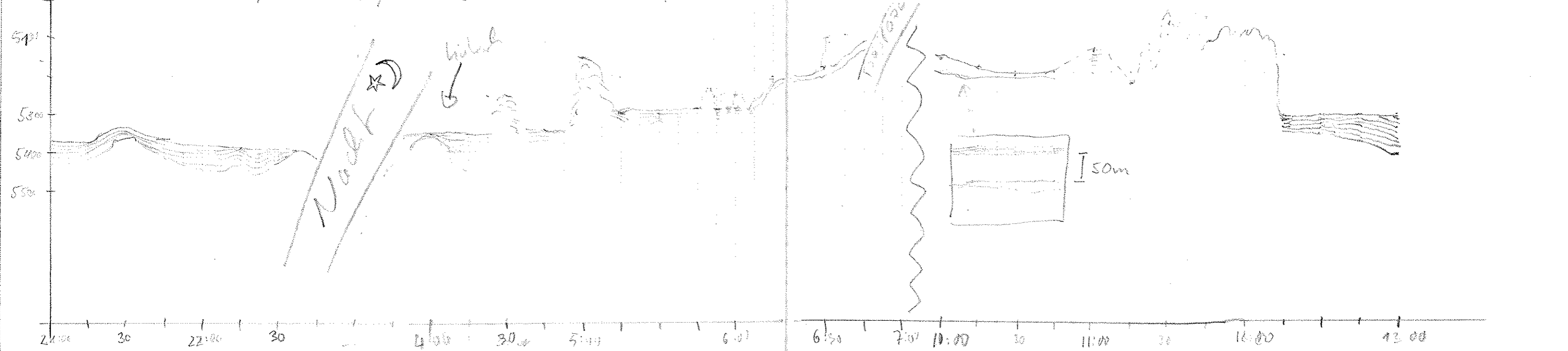
Profilaufz. um 10 m nach oben gesprungen
 -> stimmt Wassertiefe noch ok
 um 19:42 von Hand Bildausdruck geändert ->
 Computer hat Tiefe nicht angepasst
 19:50 Station 22:12 Frequenzliste
 ausgegeben wegen Dunkelheit
 Station 63/069

Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Rise	Record Length	Wait Time	DEFO No	Disk No	Watch	Comments
21.12.02	02:40	61° 19.35	0° 52.50	-	-	11.8	123.4	-	-	-	-	-	-	Softstart begin
	03:40	61° 22.95	1° 01.01	5378	5407	0.8	1.3	Z	266	60	-	-	Uhr	Softstart fertig, Station 63/070
	07:10	61° 22.92	1° 01.12	5378	5411	3.3	220	Z	266	0	5	5	"	Ende Station
	:30	24.66	04.00	5379	5411	11.4	118	"	"	"	"	"	"	"
	:45	25.84	08.71	5379	5407	11.2	116	"	"	"	"	"	Christian	Lustige Heise!
	8:00	61° 27.55	1° 14.31 E	5382	5414	11.3	134	"	"	"	"	"	"	"
	:15	61° 29.35	1° 18.93 E	5384	5414	11.3	128	"	"	"	"	"	"	Podmarks, 100m Rembration
	:30	61° 31.03	1° 23.75 E	5388	5412	11.4	130	"	"	"	"	"	"	"Podmarks": 8:04
	:45	61° 32.97	1° 28.68 E	5381	5411	11.2	127	"	"	"	"	"	"	8:11
	9:00	61° 34.54	1° 33.21 E	5387	5424	11.6	129	"	"	"	"	"	"	8:23
	:15	61° 36.30	1° 37.57 E	5391	5421	11.4	129	"	"	"	"	"	"	8:31
	:30	61° 37.89	1° 42.27 E	5395	5423	11.1	128	"	"	"	"	"	"	8:37
	:45	61° 39.78	1° 46.97 E	5396	5426	11.4	127	"	"	"	"	"	"	8:46
	10:00	61° 41.44	1° 51.41 E	5391	5422	11.5	128	"	"	"	"	"	"	9:13
	:15	43.25	1° 56.33 E	5392	5425	11.4	125	"	"	"	"	"	Gerold	9:23
	:30	44.89	2° 00.73 E	5393	5422	6.6	137	"	"	"	"	"	"	"
	:45	45.55	2° 02.23 E	5396	5419	4.9	148	"	"	"	"	"	"	"
	:55	46.23	03.85	5389	5417	1.8	74	"	"	60	"	"	"	Station 63/071
	14:04	46.99	04.74	5391	5423	1.0	250	"	"	0	"	1	Wolfgang	Plattenwechsel 5 → 1
	:15	47.15	03.10	5390	5423	6.9	200	"	"	"	"	"	"	Station end
	:30	48.58	06.86	5390	5424	11.0	120	"	"	"	"	"	"	"
	:45	50.13	12.30	5390	5420	11.8	122	"	"	"	"	"	"	"
	15:00	51.66	17.90	5386	5417	11.5	120	"	"	"	"	"	"	"
	:15	53.15	23.20	5386	5419	12.2	126.6	"	"	"	"	"	"	"
	:30	54.96	28.08	5386	5418	11.7	129	"	"	"	"	"	"	"
	:45	56.79	33.03	5385	5418	12.0	128	"	"	"	"	"	"	"
	16:00	61° 58.64	2° 38.06	5384	5414	11.9	128	"	"	"	"	"	Conny	"
	:15	62° 00.44	42.99	5384	5417	12.0	128	"	"	"	"	"	"	"
	:30	02.22	47.83	5385	5417	11.5	128	"	"	"	"	"	"	"
	:45	04.00	52.70	5383	5414	11.5	127	"	"	"	"	"	"	"
	17:00	05.77	57.50	5382	5412	11.2	129	"	"	"	"	"	"	"
	:15	07.56	3° 02.41	5380	5414	11.7	128	"	"	"	"	"	"	"
	:30	08.70	05.37	5376	5399	4.3	123	"	"	"	"	"	"	"
	:41	09.32	06.54	5380	5411	0.6	103	"	"	60	"	"	"	Station 63/072
	20:34	09.43	05.45	5381	5411	3.7	116	"	266	60	"	"	Thomas W.	"
	20:45	09.88	07.37	5380	5412	10.6	124	"	"	"	"	"	Sylvia	"

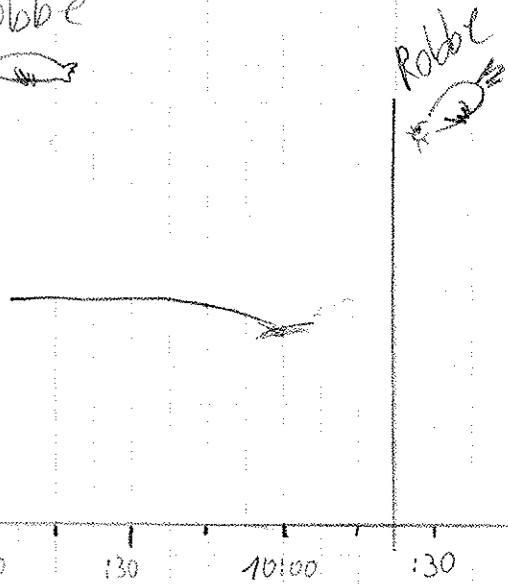
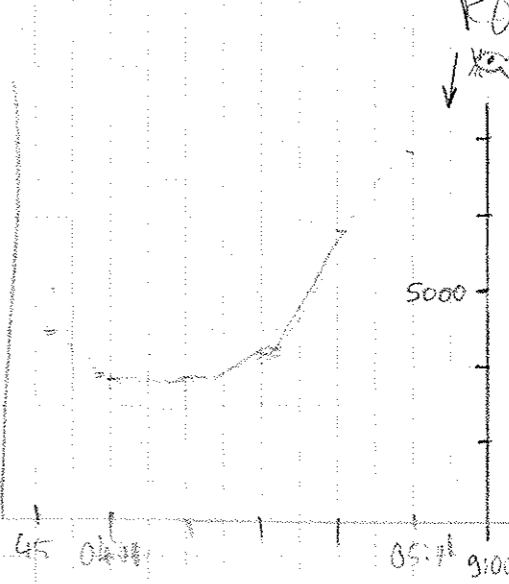
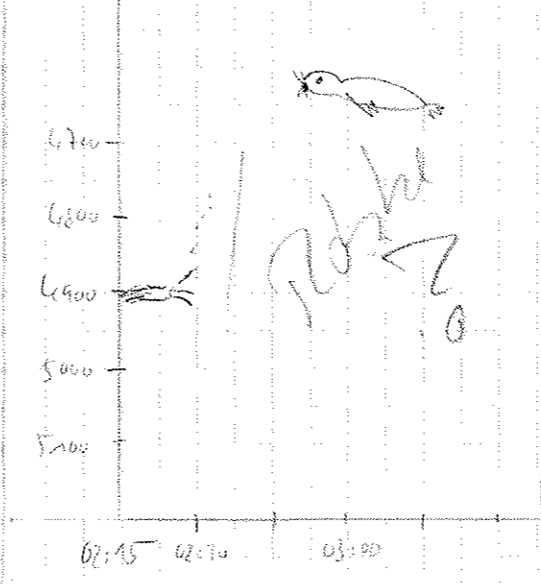
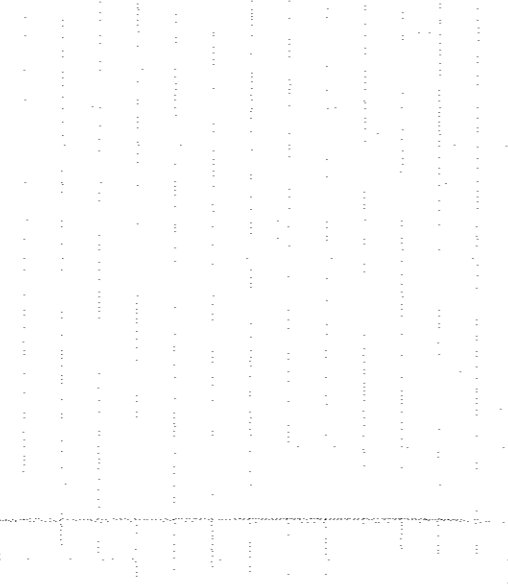
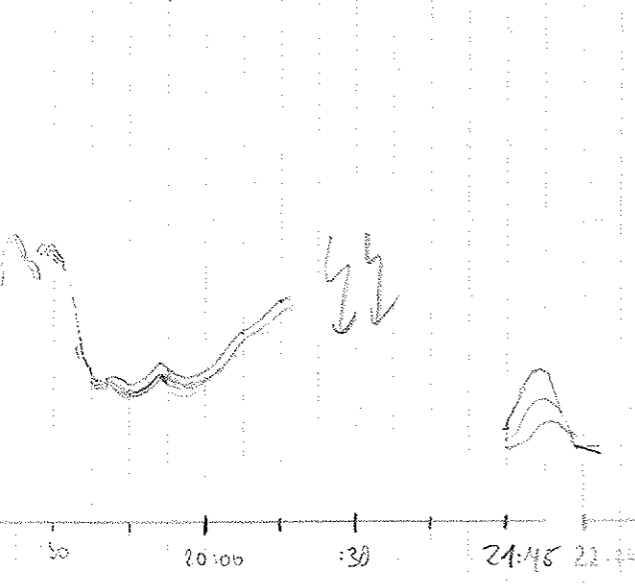
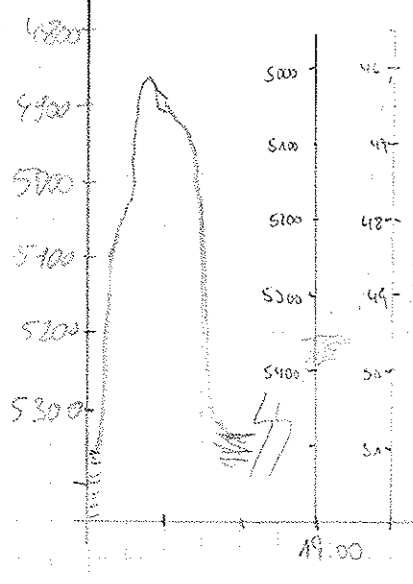
HS 570m →



52 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Record length	Wait Time	DESO No.	Disk No.	Watch	Comments
21.12.02	20:53									0				Startseite?
"	21:00	62° 11,50	3° 12,61	5379	5410	11,5	130	2	266	0	5	1	Sylvia	
	:15	18,24	17,37	5379	5409	11,2	128	"	"	"	"	"	"	
	:30	14,88	21,83	5374	5404	10,9	125	"	"	"	"	"	"	
	:45	16,56	27,16	5382	5315	11,1	129	"	"	"	"	"	"	
	22:00	18,18	31,64	5381	5414	11,3	128	"	"	"	"	"	"	
"	16	62° 20,09'S	3° 36,84'E	5383	5408	10,8	126,4	"	"	"	"	"	"	gute Verbindung
	30	21,53'	40,95'	5371	5386	8,3	128,3	"	"	"	"	"	"	Schichten beißen aus
														System ausgeschaltet wegen Dunkelheit
22.12.02	03:05													Softstart beim (unglaublich!) Beginn Datenaufnahme
	04:00	62° 35,32	4° 19,96	5351	5380	11,6	139	"	"	"	"	"	"	Leider nur die rechte Flanke von kommischem Unkondimenthügel
	:15	37,52	23,98	5345	5368	11,4	140	"	"	"	"	"	"	
	:30	39,37	28,66	5343	5364	11,8	126	"	"	"	"	"	"	
	:48	41,53	35,33	5343	5366	11,7	126	"	"	"	"	"	"	
	05:00	47,92	39,58	5466	5163	11,7	125	"	"	"	"	"	"	Einsatz verpasst, MIST!
	:15	44,17	44,53	5270	5245	11,7	135	"	"	"	"	"	"	
	:30	46,30	49,02	-	5308	11,6	127	"	"	"	"	"	"	Ein paar Hügelchen verpasst (man soll nicht gleichzeitig CTD-Schraubsen)
	:45	48,00	54,33	5332	5364	11,3	126	"	"	"	"	"	"	also flücht + 1 Reflektor ~ 20m tiefer
	06:00	50,00	5° 00,00	5284	5300	11,2	121	"	"	"	"	"	"	
	:15	51,42	05,98	5203	5274	11,5	123	"	"	"	"	"	"	
	:30	53,18	08,87	5185	5180	11,6	127	"	"	"	"	"	"	
	:45	55,19	14,56	5114	5206	11,5	128	"	"	"	"	"	"	
	06:52	62° 55,79	5° 16,17	5113	5264	11,6	132	"	"	60	"	"	"	Station DS 631076
	9:58	62° 57,41	5° 16,41 E	5125	5167	11,0	174	"	"	0	"	"	"	Paradigma tot → Neudat, läuft
	10:15	62° 58,45	5° 19,31 E	5188	5260	11,2	163	"	"	"	"	"	"	2 Reflektoren in 50m Tiefe
	30	62° 59,78	5° 25,18 E	5201	5250	11,6	113	"	"	"	"	"	"	
	45	63° 01,22	5° 30,96 E	5189	5275	11,4	120	"	"	"	"	"	"	
	11:00	63° 02,95	5° 36,50 E	5149	5309	11,1	120	"	"	"	"	"	"	
	15	63° 04,54	5° 40,89 E	5224	5303	11,5	127	"	"	"	"	"	"	
	30	63° 06,24	5° 46,00 E	5071	5174	11,7	127	"	"	"	"	"	"	
	45	63° 07,13	5° 51,10 E	5276	5112	11,5	128	"	"	"	"	"	"	
	12:00	63° 08,92	5° 56,27 E	-	5088	11,6	128	"	"	"	"	"	"	
	:15	11,56	6° 00,91 E	-	5315	11,6	128	"	"	"	"	"	"	
	:30	13,32	05,82	5333	5364	11,4	129	"	"	"	"	"	"	
	:45	15,07	10,77	5337	5363	11,4	127	"	"	"	"	"	"	
	13:00	16,83	15,82	5350	5374	11,5	128	"	"	"	"	"	"	

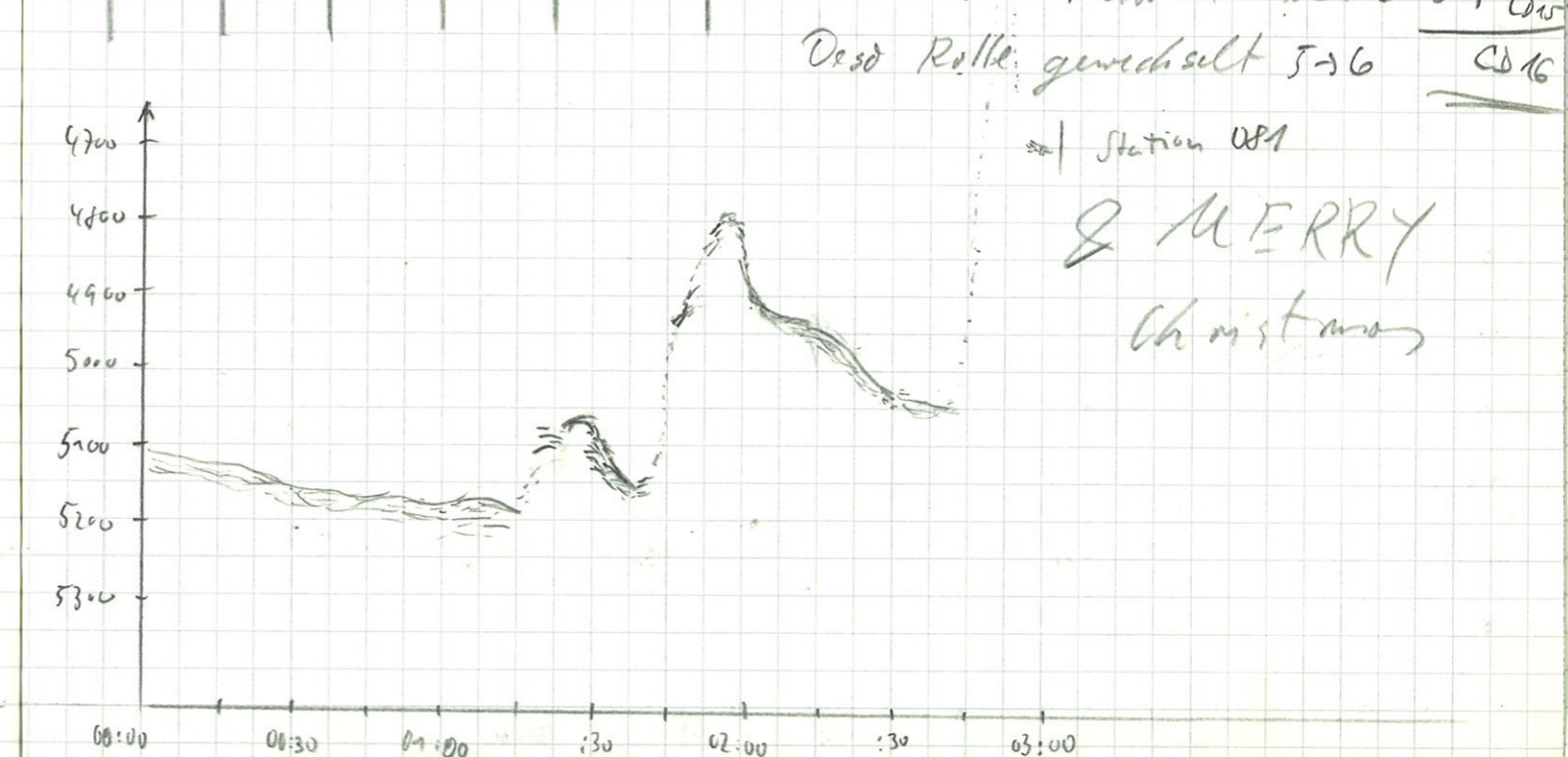
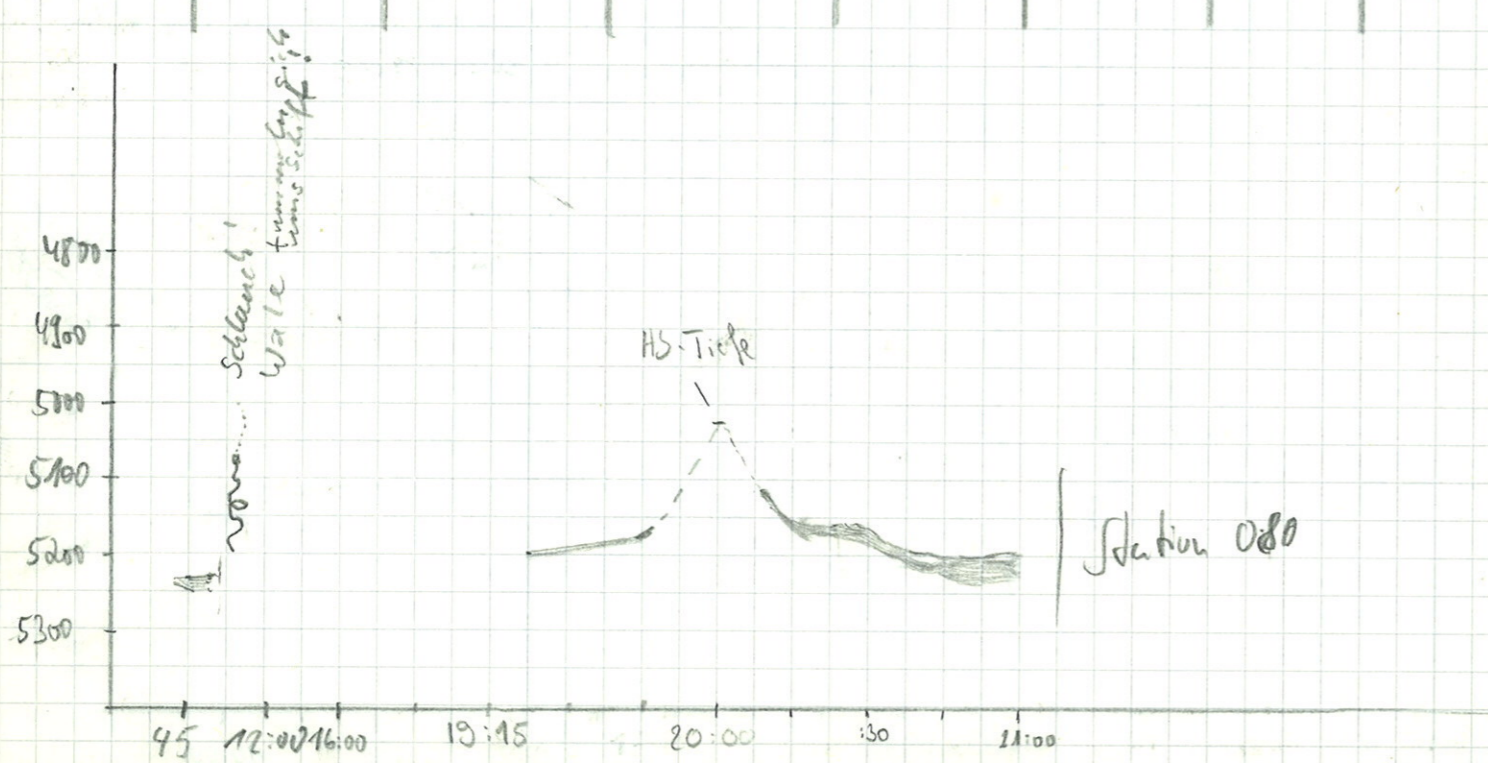


54 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec. Length	Wait Time	Desu No	Risk No	Wulch	Comments
22.12.02	13:15	63° 18.25'	6° 19.81'	-	4934	3.7	128	2	266	0	5	1	Gard	Station 63/076 uac Stationseude Shing 2min → Super-Grooby hat geoffet B
	13:30	18.37	21.01	-	4893	6.8	292	"	"	"	"	"	"	
	13:47	17.57	17.57	5357	5379	0.7	234	"	"	60	"	"	"	
	18:55	63° 18.09	6° 15.00	5356	5386	4.6	179	"	"	0	"	"	Commy	
	19:00	18.44	15.48	5359	5380	3.9	106	"	"	"	"	"	"	
	19:15	18.64	18.21	5035	5078	6.9	95	"	"	"	"	"	"	
	19:30	19.59	23.31	4842	4864	11.4	133	"	"	"	"	"	"	
	19:45	21.20	28.31	5021	5039	10.8	126	"	"	"	"	"	"	
	20:00	22.73	32.60	5004	5026	9.7	126	"	"	"	"	"	"	
	20:15	24.22	36.87	4902	4929	9.8	128	2	266	0	"	1	Thomasch	
21:45	63° 33.72	7° 04.10	5179	5164	10.5	129	"	"	"	"	"	"	Rein	Softstart
	22:00	35.62	09.60	5108	5132	10.4	127	"	"	"	"	"	Sylvia	22:03 WAL → AUS
23:40	63° 43.14'	7° 30.70'	4893	4903	0.1	9	"	"	60	"	"	Thomas S.	Eindalten nach Soft-start / Station 63/077 Storage off	
23.12.02	02:09	63° 43.24'	7° 32.41'	4905	4936	1.8	301	"	"	0	"	"	"	Station Ende
	02:15	43.46	32.35	4898	4918	3.9	130	"	"	"	"	"	"	Suche Reflektoren
	02:30	44.6	36.2	4673	4657	5.8	129	"	"	60	"	"	"	02:30 Robben-Alarm → abgestellt
03:48	63° 53.04'	7° 59.92'	4963	5008	11.4	129	"	"	0	"	"	"	"	Eindalten nach Soft-start
	04:00	54.75	8° 04.75	5013	5039	11.2	134	"	"	"	"	"	"	
		56.24	08.89	5015	5041	9.5	128	"	"	"	"	"	"	
		57.74	13.20	4983	5016	9.8	120	"	"	"	"	"	"	
		59.17	17.59	4814	4852	9.4	129	"	"	"	"	"	"	
05:00	64° 00.67	8° 21.70	(4138)	4752	10.1	131	"	"	"	"	"	"	"	05:05 Abschalten Robbe
06:15	64° 06.66	8° 38.82	(4138)	5022	0.5	218	"	"	60	"	"	"	"	05:25-06:25 Softstart, Station! 06:25 Robbe! 8:54 Storage on
09:00	64° 07.16	8° 39.62	5006	-	0.1	210	"	"	60	"	"	"	"	Softstart 08:05 - 09:05
	09:15	64° 07.24	8° 38.77	5005	5024	1.4	129	"	"	0	"	"	Didie-	Stationseude, alles auf 'on'
	09:30	07.10	33.51	5005	5026	4.9	120	"	"	"	"	"	"	
	09:45	07.76	41.91	5012	5028	11.0	119	"	"	"	"	"	"	
	10:00	09.14	47.13	5026	5048	10.0	126	"	"	"	"	"	"	
	10:15	10.67	51.52	0	4987	10.1	128	"	"	"	"	"	"	
	10:24	11.39	53.59	4664	4702	10.2	17.8	"	"	"	"	"	"	
	11:36	Einschalten Softstart												
	11:44	Recording on												
		11:44	Ende Softstart											

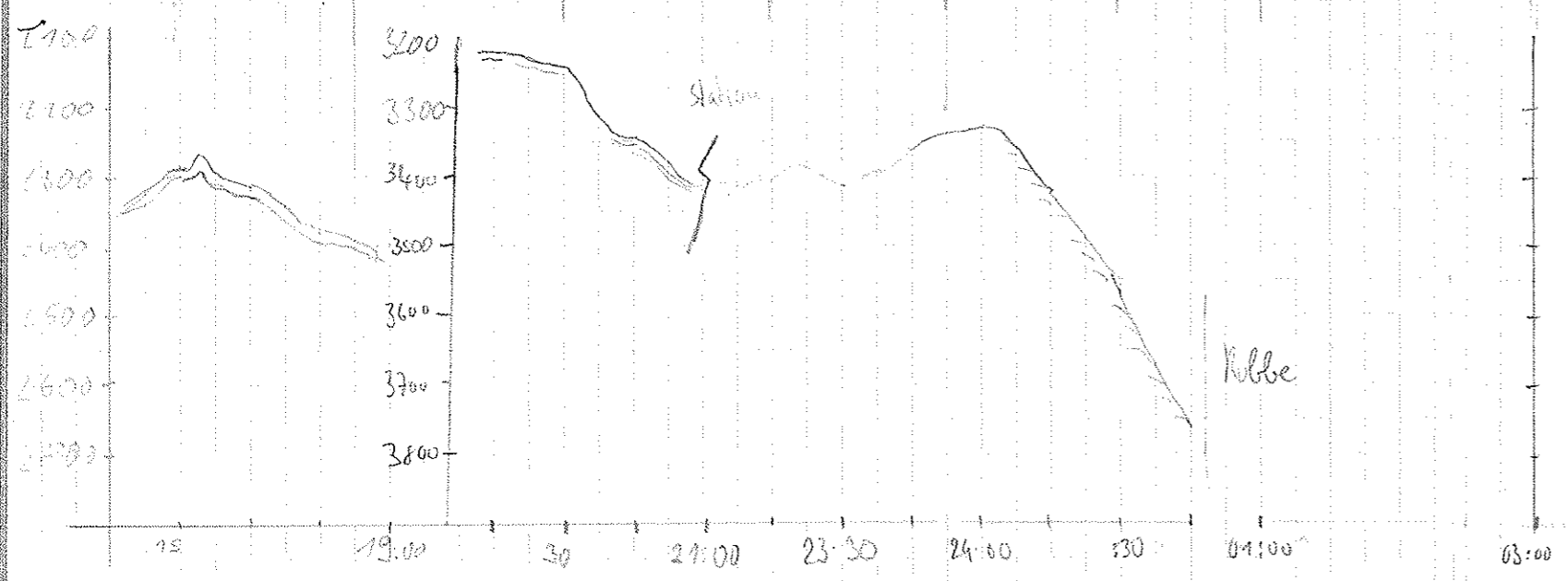


56 Date	Time UTC	Lat. °S	Long. °E	Depth PS [m]	Depth HS [m]	Speed kn	Course °	Cal se	Rec. length	Wait time	Deso Nr.	Disk Nr.	Watch	Comments
23.12.02	11:45	64°21,13	9°22,35 E	5233	5256	10,6	127	2	266	0	5	7	Conrad	15 Plattenwechsel 1-15 Robbenalarm → AUS mit dem System! 12:10 Beginn Softstart, 12:13 Auswgl mehrmals, Vorlauf ausgeführt auf CTD station Stationen ende
	11:50	64°21,81	9°24,38 E	-	-	10,6	128	"	"	"	"	"	Matze	
	16:09	64°29,95	9°49,77 E	5211	5231	8,3	179	2	"	"	"	5	Conrad	
	16:30	64°31,61	9°49,94	5192	5212	0,5	108	"	"	"	"	"	"	
	18:21	31,23	50,26	5198	5219	3,0	302	"	"	0	5	5	Wolfgang	
	:30	30,81	49,84	5204	5226	3,6	18	"	"	"	"	"	"	
	:45	31,73	53,57	5183	5204	10,0	128	"	"	"	"	"	"	
	20:00	33,28	58,03	4138	5075	9,3	135	"	"	"	"	"	"	
	:15	64°34,45	9°55,12	5160	5181	9,4	250	"	"	"	"	"	Conny	
	:30	34,84	50,01	5167	5194	8,6	310	"	"	"	"	"	"	
	:45	33,35	46,24	5202	5227	5,2	337	"	"	"	"	"	"	
	21:00	33,51	47,06	5197	5222	2,6	228	"	"	"	"	"	"	
	:02	33,53	46,92	5198	5224	0,1	277	"	"	60	"	"	"	

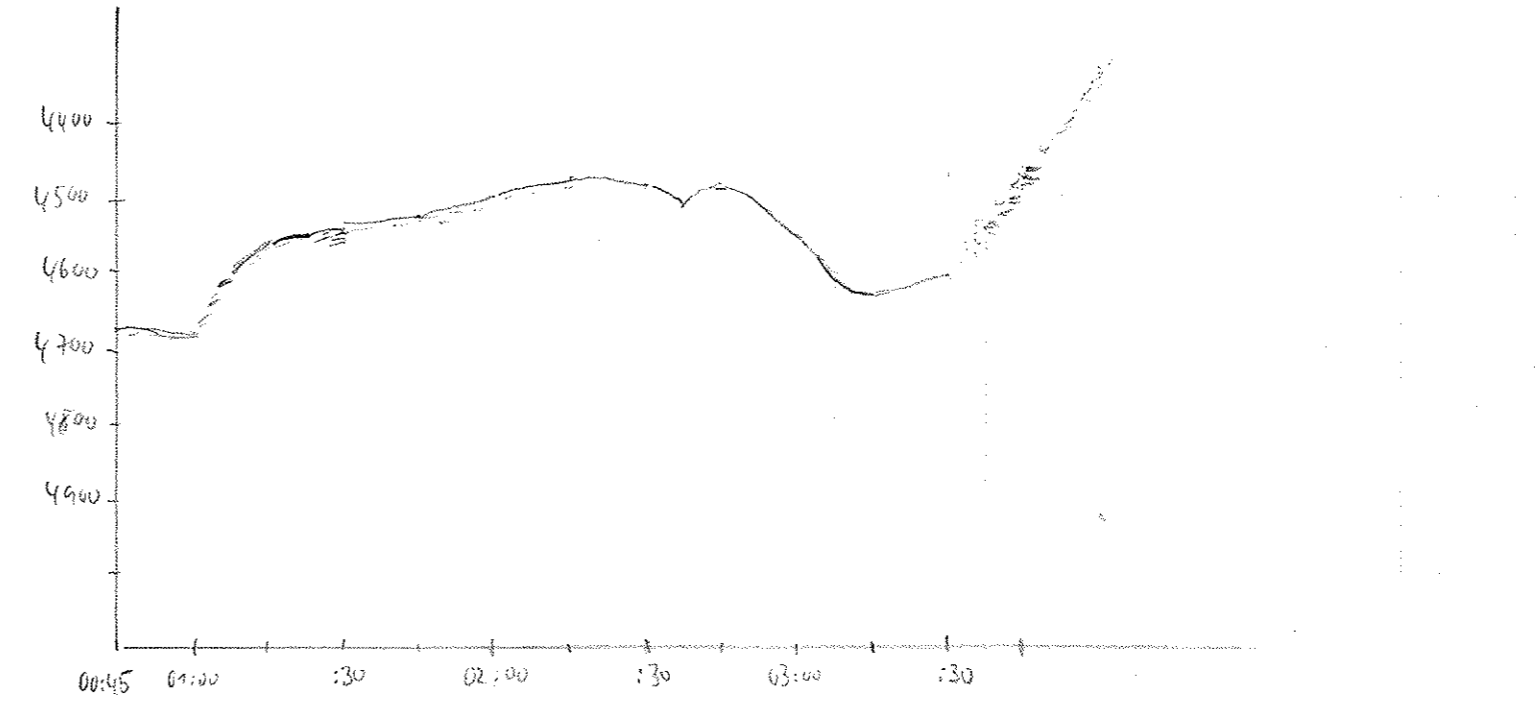
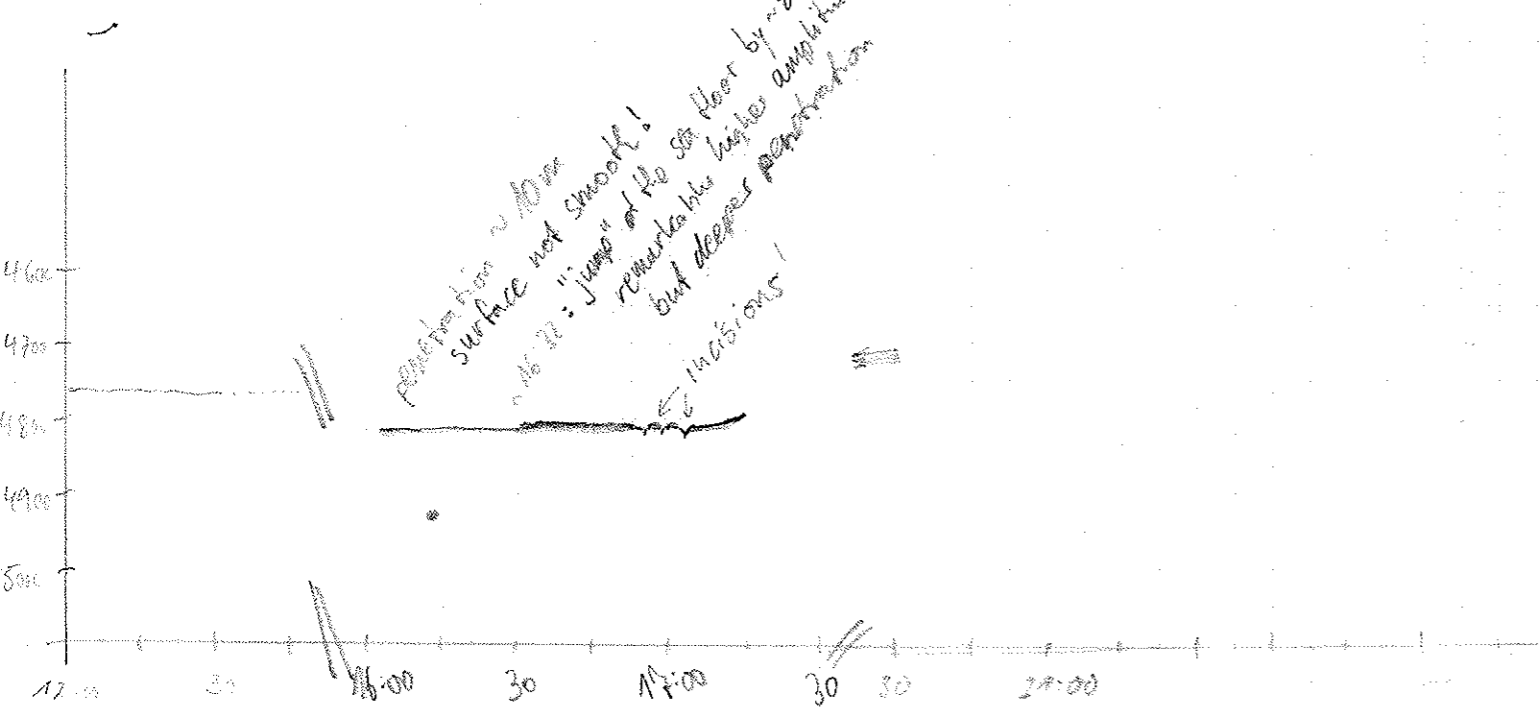
24.12.02	00:04	64°33,93'	9°50,85'	5135	5144	6,5	123	"	"	φ	"	5	Thomas	Station Ende
	:15	35,07'	54,88'	5142	5167	11,6	125	"	"	"	"	"	"	
	:30	36,64'	51,74'	5161	5186	11,3	144	"	"	"	"	"	"	
	:45	38,61	10°05,70	5184	5205	11,4	123	"	"	"	"	"	"	
	01:00	39,20	07,78	5185	5210	11,4	124	"	"	"	"	"	"	PC Anzeige: Data available HP3452 not ready Nach Reboot ok? keine Reflexionen mehr ersicht... Station 063/081 07:37 Robbe → AUS Stations ende ca 08:45 ≈ 09:20 ± 10m - Walgerände detektiert?? 09:35 Kreisförmiger Softstart Neubeginn 09:43 letzter Walgeränd. B. Hermann Dieter Plattenwechsel 5 → 1 015 Deso Rolle gewechselt 5 → 6 016
	:15	39,99	10,60	5181	5204	11,5	122	"	"	"	"	"	"	
	:30	41,61	16,39	5195	5215	11,9	123	"	"	"	"	"	"	
	:45	43,28	22,38	5097	5119	11,7	123	"	"	"	"	"	"	
	02:00	44,81	27,90	4935	4960	11,7	123	"	"	"	"	"	"	
	:15	46,42	33,67	4874	4883	11,8	124	"	"	"	"	"	"	
	:30	47,96	39,23	4951	4977	11,8	122	"	"	"	"	"	"	
	:45	49,60	45,04	5048	5076	11,5	120	"	"	"	"	"	"	
	02:58	51,36	51,38	?	4576	11,6	122	"	"	"	"	"	"	
		52,37	55,77	4663	4768	3,5	116	"	"	60	"	"	"	



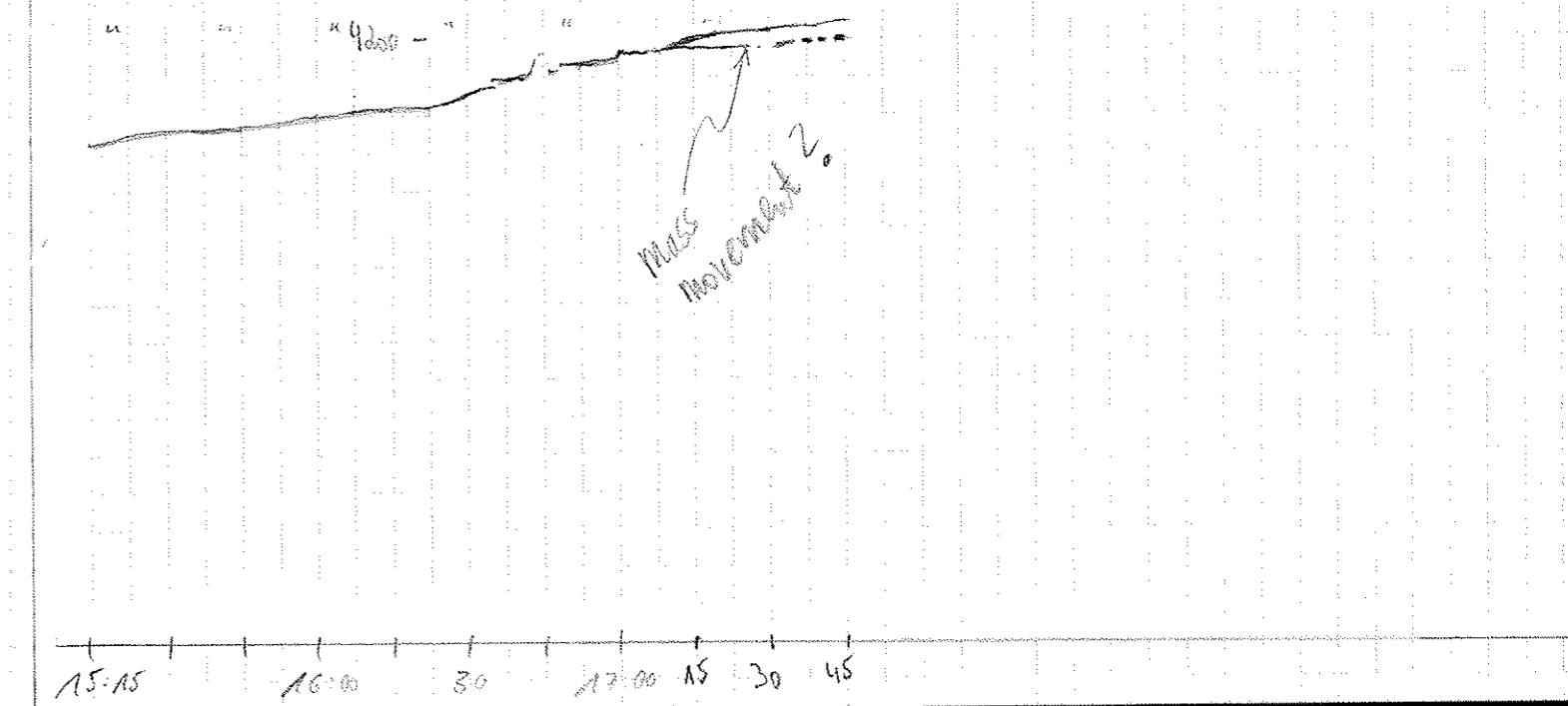
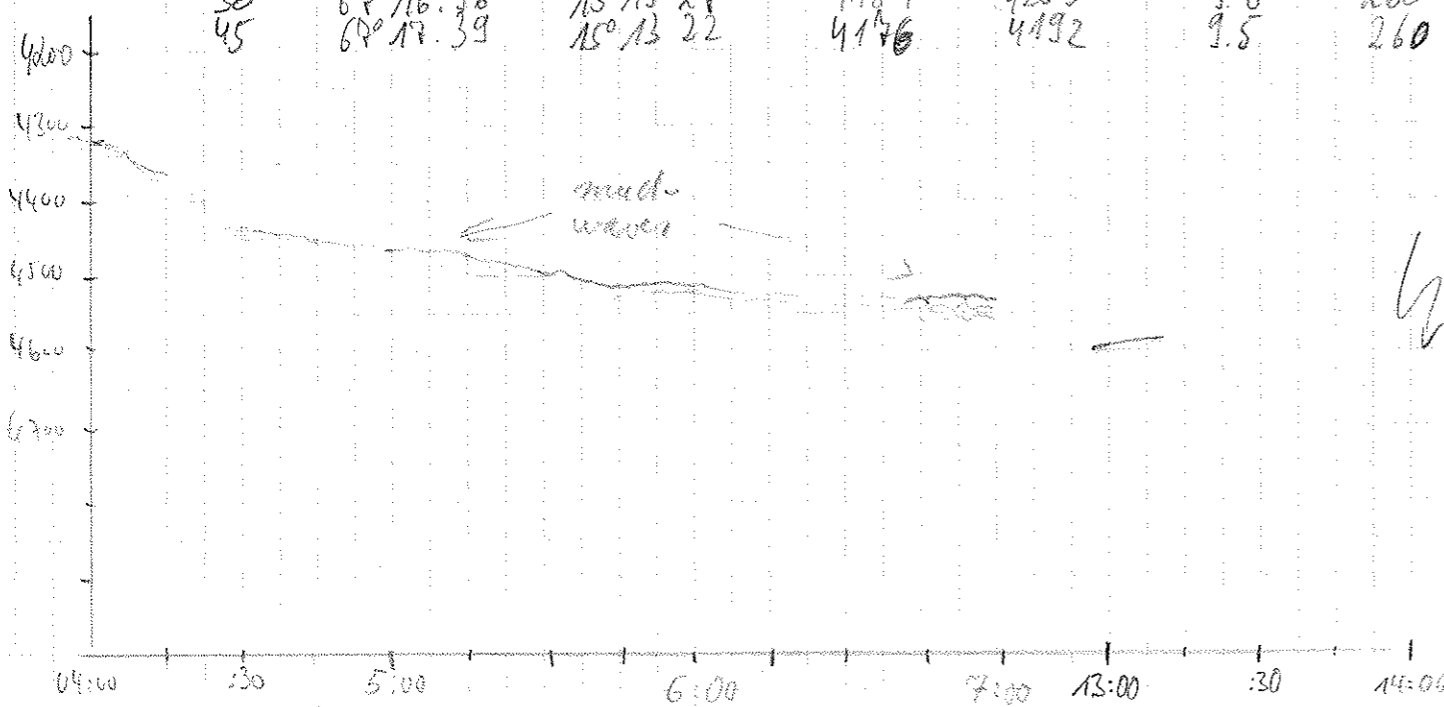
58 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth [5m]	Depth [15m]	Speed [kn]	Course [°]	Dist	Ref. length	Wait time	Dist No	Dist No	Wahl	Comments
25.12.2002	18:45							1						Softstart 17:15 - 18:15
"	18:15	65°45,04	13°36,05	2285	2289	9,4	125	2	266	0	6	1	Card	
"	18:30	46,57	40,94	2317	2323	10,4	129	"	"	"	"	"	"	
"	18:45	48,12	45,86	2383	2389	10,3	127	"	"	"	"	"	"	
"	18:53													↳ Aus wegen Robbe
"	19:15													Beginn Softstart
"	20:15	65°57,12'S	14°14,31	3233	3239	10,6	160	"	"	"	"	"	"	Ende Softstart
"	20:30	65°58,81'S	14°19,92 E	3253	3261	11,2	156	2	266	0	6	1	KL	
"	:45	66°00,47 S	25,90 E	3358	3366	12,6	125	"	"	"	"	"	"	
"	21:00	66°01,99'S	14°30,51' E	3410	3416	3,5	129	"	"	60	"	"	"	Stationbeginn PS 63/085
"	:09	02,92	32,72	3406	3412	3,7	127	"	"	0	"	"	"	Regime mit durchwischengeschaltet
"	21:21	66°03,20	14°32,89	3410	3413	0,2	186	"	"	60	"	"	"	Wait time 0
"	23:07	03,35	32,68	3414	3423	3,1	350	"	"	0	"	"	Wolff	Stationende
"	:15	03,04	33,31	3409	3418	3,2	55	"	"	"	"	"	"	
"	:30	04,05	37,45	3429	3437	11,5	130	"	"	"	"	"	"	
"	:45	05,84	43,22	3342	3361	11,3	125	"	"	"	"	"	"	
26.12.02	00:00	07,33	48,56	3352	3360	9,5	126	"	"	"	"	"	Thomass	praktisch keine Sedimente
"	:15	08,70	53,36	3414	3422	9,5	124	"	"	"	"	"	"	deutliche Diffraktions-Hyperbeln
"	:30	10,05	58,16	3559	3565	9,7	124	"	"	"	"	"	"	
"	:45	11,42	03,11	3749	3758	9,1	124	"	"	"	"	"	"	
"	:46	"	"	"	"	"	"	"	"	"	"	"	"	↳ Robbenalarm PSS aus Parasond aus
"	01:07	"	"	"	"	"	"	"	"	"	"	"	"	Beginn Softstart Parasond
"	01:38	16,34	20,37	3538 ?	"	9,6	127	"	"	"	"	"	"	Start PSS
"	145	16,80	21,87	3538 ?	"	9,1	125	"	"	"	"	"	"	
"	01:47	"	"	"	"	"	"	"	"	"	"	"	"	↳ Robbenalarm PSS aus Parasond Start
"	02:26	"	"	"	"	"	"	"	"	"	"	"	"	Beginn Parasond Softstart
"	02:52	23,43	46,18	"	"	10,0	122	"	"	"	"	"	"	Start PSS
"	03:00	23,82	47,65	3539 ?	"	9,9	130	"	"	"	"	"	"	
"	:15	25,40	53,05	4440	4473	9,8	122	"	"	"	"	"	"	
"	:17	"	"	"	"	"	"	"	"	"	"	"	"	
"	03:28	"	"	"	"	"	"	"	"	"	"	"	"	Robbenalarm PSS / Parasond aus
"	07:00	66°26,16	16°09,29	(500)	(100)	3,9	93	2	266	0	6	1	Rosin	Softstart 07:00 - 07:30, 06:54-07:30
"	:16	26,20	09,93	4612	4614	3,4	73	"	"	"	"	"	"	
"	:30	26,73	12,34	4619	4632	3,3	94	"	"	"	"	"	"	
"	:45	26,80	16,44	4630	4646	10,2	90	"	"	"	"	"	"	↳ Robbenalarm PSS / Parasond aus
"	7:56	"	"	"	"	"	"	"	"	"	"	"	"	



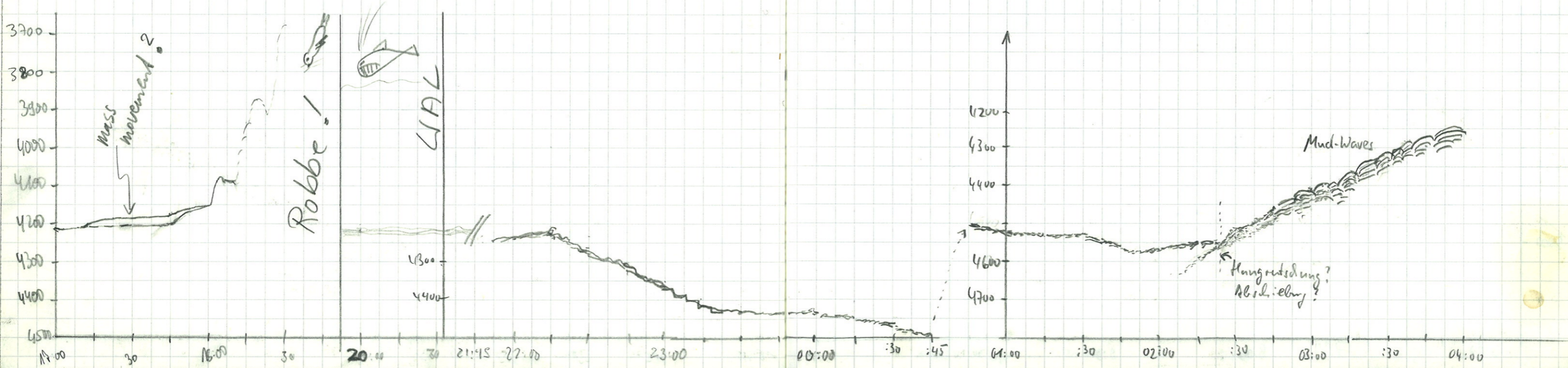
60 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec. Length	Wait Time	Deso No	Disk No	Watch	Comments	
26.12.07	09:00	66°26,53	16°31,76	4652	-	3,5	90	2	266	0	6	1	Rose	Soft start 8:20	
	:22	26,60	35,55	4644	4660	8,0	94								
	:30	26,62	38,00	4648	4664	10,1	90								
	12:10	66°27,32	17°03,25 (3232)	4591	4591	3,2	91	4	260	0	6	1	Rose	Soft start 11:22	
	12:15	27,08	04,15	4762	4777	2,9	91	1	266	0	"	1	Expia	keine Sed. Schichtung erkennbar!	
	:30	27,08	08,31	4767	4783	10,7	89	2	"	"	"	"	"	"	"
	:45	27,15	11,77	4774	4790	10,8	96	"	"	"	"	"	"	"	"
	:48														Robbenalarm → ausgeschaltet
	14:00	66°27,60	17°38,5	4814	4832	0,2	104	"	265	60	6	1	Rose	Soft start 13:05 - 14:05, Station 1027	
	16:08	66°27,54	17°38,31E	4814	4834	5,0	126	"	"	0	"	1	Mate	End of Station 87	
	15	66°27,54	17°39,59E	4812	4833	3,3	80	"	"	"	"	"	"	"	} über eine Stunde un- unterbrochene Aufzeich- nung!! Wie sind die Meinung: } DAS WAR SPITZE!
	30	66°27,62	17°45,16E	4811	4833	11,1	93	"	"	"	"	"	"	"	
	45	66°27,74	17°52,20E	4806	4824	11,3	92	"	"	"	"	"	"	"	
	17:00	66°27,85	17°59,23E	4806	4824	11,4	92	"	"	"	"	"	"	"	
	15	66°27,96	18°06,29E	4804	4812	11,5	92	"	"	"	"	"	"	"	
22	66°28,04	18°10,82E	4784	4812	11,3	92	"	"	"	"	"	"	"	Plattensid 125	
20:24	66°28,37	19°28,48'	4777	4732	11,2	92	1	"	"	"	5	Geod	WASA → WAI Sichtung → Aus mit dem Gerät		
20:32	29,37	32,42	4707	4729	11,4	91	2	"	"	"	"	"	"	Beginn Messungen mit Stanzel 20:45 Robbenalarm	
27.12.02	00:24	66°53,37'	20°57,49'	2900,6?	0	11,6	145	1	"	φ	"	"	Thomson	Start PSS nach Softstart Personal (23:53)	
	00:30	54,41	53,78	"	0	11,5	145	1	"	"	"	"	"	"	
	:45	56,66	57,77	4675	4692	11,5	145	1	"	"	"	"	"	"	
	01:00	59,11	21°04,56'	4677	4699	11,5	145	2	"	"	"	"	"	"	
	:15	67°01,53	05,87'	4557	4577	11,5	145	"	"	"	"	"	"	"	
	:30	03,78	09,90	4546	4569	11,4	144	"	"	"	"	"	"	"	
	:45	05,00	07,73	4526	4549	11,6	270	"	"	"	"	"	"	"	
	02:00	04,99	00,36	4500	4521	11,7	270	"	"	"	"	"	"	"	
	:15	04,99	26°52,67	4472	4490	11,8	277	"	"	"	"	"	"	"	
	:30	04,97	45,14	4482	4507	11,8	270	"	"	"	"	"	"	"	
	:45	04,95	37,47	4499	4523	11,7	270	"	"	"	"	"	"	"	
	03:00	04,94	29,87	4557	4563	11,9	270	"	"	"	"	"	"	"	
	:15	04,92	22,57	4626	4643	11,8	270	"	"	"	"	"	"	"	
	:30	04,91	15,23	4604	4622	11,6	270	"	"	"	"	"	"	"	
	:45	04,88	07,25	4432	4454	11,5	269	"	"	"	"	"	"	"	



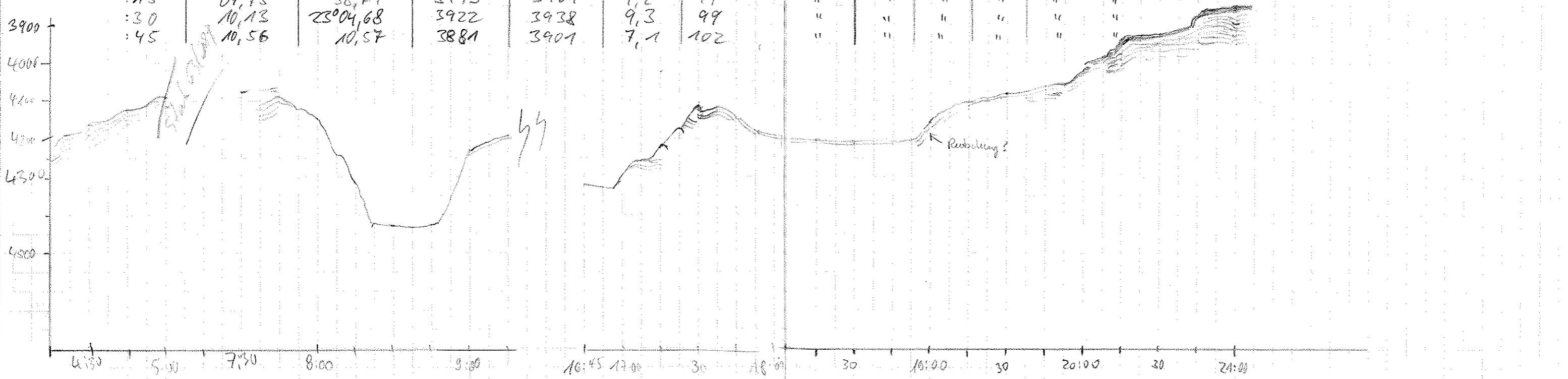
Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec Length	Wait Time	Deso No	Dist No	Watch	Comments
27.12.02	04:00	67° 04.87'	20° 00.03'	4319	4339	11.6	270	2	266	0	0	5	Thomas S.	Abstract Paradi KITA mg. Phas
	04:15	04.86	19° 52.88'	4394	4418	11.6	270	"	"	"	"	"	"	
	04:35	04.83	42.58	4439	4454	11.7	270	"	"	"	"	"	"	
	04:45	04.83	38.64	4494	4471	11.7	270	"	"	"	"	"	"	
	05:00	04.81	30.87	4471	4483	11.6	271	"	"	"	"	"	"	
	05:13	4.79	23.45	4485	4488	11.7	270	"	"	"	"	"	"	
	05:30	4.78	16.43	4500	4519	11.3	270	"	"	"	"	"	"	
	05:45	4.76	08.0	4511	4527	11.7	270	"	"	"	"	"	"	
	06:00	4.75	18° 04.89	4519	4536	11.5	270	"	"	"	"	"	"	
	06:15	4.76	55.59	4526	4542	9.5	271	"	"	"	"	"	"	
	06:30	4.72	47.67	4531	4550	9.7	270	"	"	"	"	"	"	
	06:45	4.70	41.16	4535	4551	9.7	270	"	"	"	"	"	"	
	07:00	4.70	35.32	4536	4554	9.6	271	"	"	"	"	"	"	
	07:09	67° 04.89	18° 50.31	4540	4561	11.4	271	"	"	"	"	"	"	Robben - AUS
	09:00	67° 04.56	18° 01.0	4587	4605	0	72	1	"	60	"	"	Gerol	and Station LTD PS 063 / off
	09:47	"	"	"	"	"	"	2	"	"	"	"	Thomas	PS 063 / off
	10:07	"	"	"	"	"	"	"	"	"	"	"	"	Robbenalarm
	11:13	"	"	"	"	"	"	"	"	"	"	"	"	East Parson and Softclart
	11:33	"	"	"	"	"	"	"	"	"	"	"	"	Robbenalarm SDP
	13:00	67° 08.40	17° 11.46	4591	4607	9.9	257	2	266	0	"	"	Thomas V	Softclart 11:58 - 14:15.6
27.12.02	15:24	67° 13.18	16° 10.53	4351	4370	10.2	261	1	266	0	"	"	"	Softclart 13:33 -
	15:45	13.19	02.50	4316	4331	10.1	259	2	"	"	"	"	"	abgebrochen um 14:12 → Walalarn
	16:00	14.38	15° 56.57	4298	4319	9.7	259	"	"	"	"	"	"	keine Sediment-Schichtung erkennbar
	16:15	67° 14.86	15° 50.53	4287	4305	10.1	257	"	"	"	"	"	"	
	16:30	67° 15.31	15° 44.59	4273	4290	9.9	259	"	"	"	"	"	"	
	16:45	67° 15.78	15° 37.77	4243	4266	10.1	260	"	"	"	"	"	"	
	17:00	67° 16.14	15° 31.74	4226	4243	9.7	260	"	"	"	"	"	"	
	17:30	67° 16.62	15° 24.42	4198	4216	9.5	260	"	"	"	"	"	"	
	17:45	67° 16.96	15° 19.27	4184	4203	9.6	260	"	"	"	"	"	"	
	17:55	67° 17.39	15° 13.22	4176	4192	9.5	260	"	"	"	"	"	"	



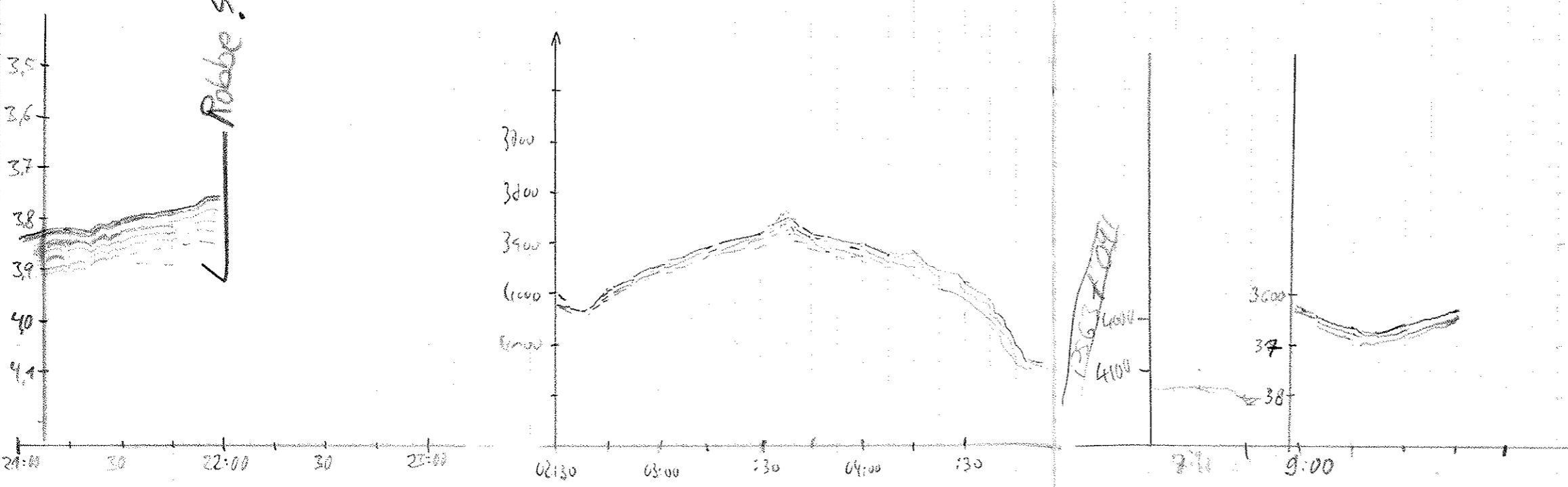
64 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec. length	Wait time	Deso No.	Disk No.	Watch	Comments
27.12.02	18:00	67° 17.81	15° 07.36	4135	4162	10.0	259	2	266	0	6	1	Sylvia	
	18:15	18.30	00.60	-	3938	9.3	259	"	"	"	"	"	Claudia	
	18:30	19.08	14° 56.39 E	3689	3824	10.3	198	"	"	"	"	"	"	
	18:45	19.85	15° 01.26	3990	4023	8.3	93.6	"	"	"	"	"	"	Robbenalarm! Aus! Scheiße!
	20:00	67° 20.26	15° 32.12	4209	4227	9.5	97.6	"	"	"	"	"	"	
	20:24	67° 20.73	15° 41.04 E	4229	4247	8.6	98	"	"	"	"	"	Christian	20:35 Wal => Aus Hair UBA
	20:32	67° 20.89	15° 44.11 E	4232	4248	9.3	98	"	"	"	"	"	"	
	21:46	67° 27.37	16° 12.11 E	4238	4258	8.9	98	"	"	"	"	"	"	Recording on 21:46
	22:00	67° 22.61	16° 16.83 E	4232	4249	9.2	96	"	"	"	"	"	"	
	22:15	67° 22.92	16° 22.42	4222	4393	8.8	99	2	"	"	"	1	Axel	
	22:30	67° 23.21	16° 27.95	4265	4287	8.7	97	"	"	"	"	"	"	
	22:45	67° 23.52	16° 33.80	4307	4324	9.9	98	"	"	"	"	"	"	
	23:00	23.84	39.89	4358	4379	9.6	98	"	"	"	"	"	"	
	23:15	24.19	46.44	4420	4250	9.8	97	"	"	"	"	"	"	
	23:30	24.51	52.55	4429	4450	9.7	98	"	"	"	"	"	"	
23:45	24.77	58.02	4430	4452	8.2	98	"	"	"	"	"	"		
28.12.02	00:00	25.07	7° 03.14'	4441	4458	7.4	99	"	"	"	"	"	Thomas J.	
	00:15	25.34	08.83'	4450	4597	5.3	99	"	"	"	"	"	"	
	00:30	25.69	14.91'	4477	4490	9.9	97	"	"	"	"	"	"	
	00:45	26.42	21.02	4502	4520	9.8	96	"	"	"	"	"	"	
	01:00	27.22	27.40	4525	4546	10.0	97	"	"	"	"	"	"	
	01:15	26.67	33.41	4533	4553	10.1	96	"	"	"	"	"	"	
	01:30	27.00	39.79	4541	4560	9.7	99	"	"	"	"	"	"	
	01:45	27.33	45.96	4569	4583	9.5	97	"	"	"	"	"	"	
	02:00	27.68	52.25	4569	4588	10.0	106	"	"	"	"	"	"	
	02:15	27.96	58.67	4550	4577	10.1	98	"	"	"	"	"	"	Hangrutschung?
	02:30	28.30	78° 05.06	4524	4544	9.9	98	"	"	"	"	"	"	
	02:45	28.67	11.38	4454	4472	10.0	93	"	"	"	"	"	"	Sedimente, Mud-waves
	03:00	28.99	17.69	4404	4423	10.3	98	"	"	"	"	"	"	
	03:15	29.34	24.30	4363	4388	10.0	97	"	"	"	"	"	"	
	03:30	29.68	30.76	4310	4332	10.2	97	"	"	"	"	"	"	
03:45	30.03	37.44	4277	4289	10.2	97	"	"	"	"	"	"		
04:00	30.38	44.07	4241	4260	10.0	98	"	"	"	"	"	"		



Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec Length	Wait Time	Deso No	Disk No	Watch	Comments	
28.12.02	04:20	67° 30,85	18° 52,81	4194	4215	9,7	99	2	266	0	6	1	POS in	Station 68/089 The 02:08 Dishweeder Track Station CD17 CD18 A-12	
	:30	31,04	56,73	4168	4186	9,4	99	"	"	"	"	"	"		
	:45	31,89	03,14	4122	4137	9,9	97	"	"	"	"	"	"		
	:00	31,66	07,23	4092	4114	6,3	100	"	"	"	"	"	"		
	:08	31,82	08,64	4072	4092	0,4	121	"	"	60	"	"	"		
	07:25	67° 31,57	19° 08,39	4083	4103	0,5	296	1	"	0	6	2	"		
	:30	31,66	08,63	4077	4097	5,6	140	"	"	"	"	"	"		
	:47	33,17	12,45	4089	4106	4,7	137	"	"	"	"	"	"		
	28.12.02	08:00	67° 34,77'S	19° 16,33'E	4147	4166	11,8	135	2	266	0	6	2		NL
		:15	36,93	21,57	-	4325	12,1	137	"	"	"	"	"		"
:30		39,11	26,91	4428	4452	12,0	137	"	"	"	"	"	"		
:45		41,27	32,44	4429	4446	12,1	130	"	"	"	"	"	"		
09:00		67° 43,51'S	19° 37,75'E	4249	4279	11,7	140	2	266	0	6	2	NL		
:15		45,76	43,34	4189	4202	11,9	130	"	"	"	"	"	"		
:24		46,28	46,83	4065	4171	11,9	135	"	"	"	"	"	"		
6		16:25	68° 03,96	21° 29,76	3538	4292	8,9	100	1	266	"	"	"	Sylvia	Sofort start von 15:40 - 16:40 Keine Sed. Schichtung erkennbar Schichtung! Gap in data bec. super feed!!! (19:58 pulse plot !!!) ca 5 Min DAA Lost! (Papierschau) Thomash!
		:45	04,28	32,81	4324	4342	9,0	100	2	"	"	"	"	"	
		17:00	04,66	38,61	4307	4325	9,3	97	"	"	"	"	"	"	
	:15	05,06	45,14	4221	4253	9,6	103	"	"	"	"	"	"		
	:30	05,46	51,06	4119	4145	9,9	99	"	"	"	"	"	"		
	:45	05,90	57,30	4150	5171	9,9	104	"	"	"	"	"	"		
	18:00	06,30	22° 03,51	4189	4208	8,7	99	"	"	"	"	"	"		
	:15	06,60	09,60	4207	4228	9,7	99	"	"	"	"	"	"		
	:30	07,11	15,78	4216	4235	9,5	104	"	"	"	"	"	"		
	:45	07,40	22,12	4212	4233	10,1	99	"	"	"	"	"	"		
	19:00	07,83	28,25	4146	4415	9,9	99	"	"	"	"	"	"		
	:15	08,22	34,63	4102	4119	9,5	99	"	"	"	"	"	"		
	:30	08,62	40,86	4087	4105	9,8	99	"	"	"	"	"	"		
	:45	09,01	46,00	4061	4081	9,3	98	"	"	"	"	"	"		
	20:00	09,38	53,07	4014	4029	9,2	99	"	"	"	"	"	"		
:15	09,75	58,74	3943	3961	9,2	97	"	"	"	"	"	"			
:30	10,13	23° 04,68	3922	3938	9,3	99	"	"	"	"	"	"			
:45	10,56	10,57	3881	3901	7,1	102	"	"	"	"	"	"			



DATE	TIME (UTC)	LATITUDE [°S]	LONGITUDE [°E]	DEPTH PS [m]	DEPTH HS [m]	SPEED [kn]	COURSE [°]	PULSE	REC LENGTH	WAIT TIME	DESC NO.	DISK NO.	Watch	COMMENTS	
28.12.02	21:00	68° 10,98	23° 15,70	3845	3864	7,8	92	2	266	0	6	2	Thomas W.		
	:15	11,08	20,70	3827	3845	7,4	99	2	"	"	"	"	"		
	:30	11,50	25,72	3814	3836	8,7	100	"	"	"	"	"	"		
	:45	11,79	31,66	3792	3813	8,3	102	"	"	"	"	"	"		
	22:00														
	22:22												Christina M.	21:54 "Robbenalarm" angeschaltet	
	23:52														23:32 " MIST! "
29.12.02	00:24	68° 17,17'	23° 05,52'	2938	0	10,3	256	2	4	0	6	5	Thomas S.	Parasound Softstart Plattformwechsel 2-35	
	00:30	17,37'	03,49'	2938	0	9,9	256	"	4	0	6	"	"		
	00:35														
	00:55														
	01:07														↳ Robbenalarm AUS! (Parasound Softstart 00:55)
	01:58														↳ Robbenalarm PSS aus 01:14
	02:00	68° 20,39'	22° 29,58'	0	0	9,0	254	"	4	0	4	"	"	PSS Bin nach Softstart (01:29)	
	02:05	21,02'	24,07'	75?	4033	8,1	250	"	4	"	"	"	"	Viefe wird nicht übernommen!	
	02:19														Parasound switch off
	02:21														" ON
	02:30	27,96	15,88	4025	4045	9,8	258	"	4	"	4	"	"		
	02:45	28,29	13,03	3997	4076	9,3	245	"	4	"	4	"	"		
	03:00	22,78	07,54	3949	3972	9,0	259	"	4	"	4	"	"		
	03:15	23,65	02,10	3912	3932	9,7	266	"	4	"	4	"	"		
	:30	23,86	29° 57,81	3892	3912	8,6	262	"	4	"	4	"	"		
	:45	24,25	52,19	3886	3903	8,5	265	"	4	"	4	"	"		
	04:00	24,74	46,78	3906	3926	8,5	250	"	4	"	4	"	"		
	:15	25,39	41,95	3919	3938	7,6	252	"	4	"	4	"	"		
	:30	25,80	21,57	3988	(4008)	7,0	257	"	4	"	4	"	"		
	:45	68° 26,26	21° 30,91	4146	4164	4,1	253	"	4	"	4	"	"		
100	26,39	23,44	4150	4164	0,8	202	"	4	"	60	6	"			
07:30	68° 27,07	21° 26,97	4142	4158	4,0	272	"	4	"	0	7	"		Presawedged 6-7 station PS 631091	
:45	27,14	21,43	4154	4166	8,0	265	"	4	"	0	7	"		Station nach Robbenalarm	
9:00	68° 28,30	20° 53,91	3639	3653	7,7	257	7	"	"	0	"	"	Good	Softstart	
:15	28,68	49,14	3666	3682	7,5	259	2	"	"	"	"	"	"		
:30	30,70	49,20	3660	3680	6,9	230	"	"	"	"	"	"	"		
:45	31,70	53,51	3621	3639	8,3	119	"	"	"	"	"	"	"		



21:54 "Robbenalarm" angeschaltet

23:32 " MIST! "

Parasound Softstart Plattformwechsel 2-35

PSS Start

↳ Robbenalarm AUS! (Parasound Softstart 00:55)

↳ Robbenalarm PSS aus 01:14

PSS Bin nach Softstart (01:29)

Viefe wird nicht übernommen!

Parasound switch off

" ON

Presawedged 6-7 station PS 631091

Station nach Robbenalarm

Softstart

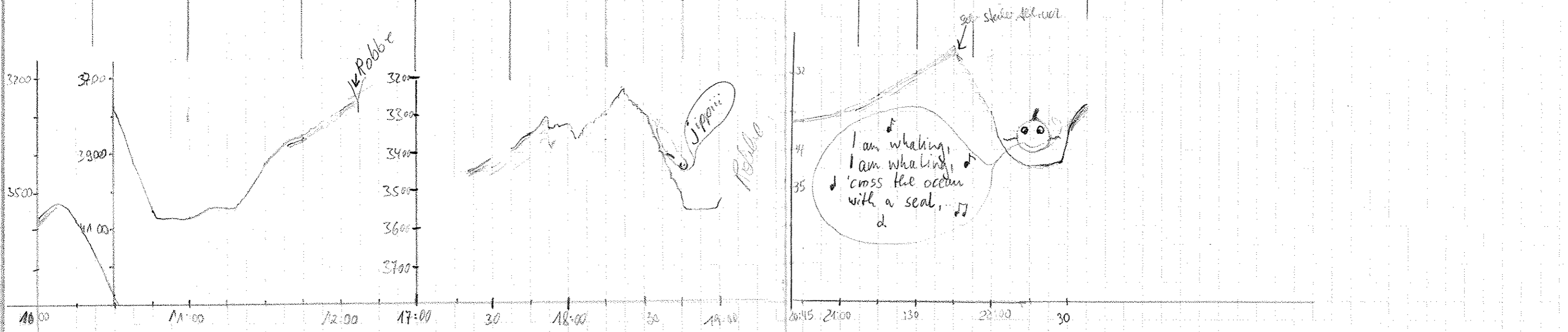
Good

Date	Time (UTC)	Latitude [°S]	Longitude [°E]	Depth PI [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec Length	Wait Time	Peso No	Disk No	Watch	Comments	
29.12.02	10:00	68°32,67'S	20°58,08'E	3580	3600	8,4	120	2	266	0	7	5	NL		
	15	33,66	21°02,84	3515	3584	8,1	120	"	"	"	"	"	"		
	30	34,67	07,70	3777	3809	7,8	118	"	"	"	"	"	"		
	45	35,62	12,40	4057	4071	8,5	120	"	"	"	"	"	"		
29.12.02	11:00	68°36,72'S	21°17,65'E	4056	4022	8,4	120	2	266	0	7	5	NL		
	15	37,39	22,33	4043	4065	6,1	137	"	"	"	"	"	"		
	30	38,56	26,70	3928	3946	6,6	116	"	"	"	"	"	"		
	45	39,58	31,54	3851	3869	8,8	119	"	"	"	"	"	"		
29.12.02	12:00	40,61	36,49	3789	3807	8,4	119	"	"	"	"	"	Wolfang		
	1:06	41,24	39,90	3765	3788	8,5	123	"	"	"	"	"	"	AUS	
															12:47 Beginn Softstart
															13:54 AUS, 13:28 Beginn Softstart
29.12.02	17:30	68°53,34	22°38,80	3410	3592	6,9	141	2	266	0	"	5	"		
	:45	53,94	44,40	3349	3368	7,9	130	"	266	0	"	5	"		
	18:00	56,41	49,29	3323	3342	6,8	121	"	"	"	"	"	"		
	:15	57,50	54,15	3800	3832	8,5	118	"	"	"	"	"	"	Sylvia	
	:30	58,89	58,77	3296	3310	8,8	118	"	"	"	"	"	"	"	
	:45	69°00,04	28°03,40	3511	3541	7,6	116	"	"	"	"	"	"	"	
	19:00	00,98	28,16	3533	3545	9,0	114	"	"	"	"	"	"	"	
	20:35	69°07,51	23°34,08	3331	3342	7,3	123	"	"	"	"	"	"	"	
	45	69°08,15	23°36,84	3323	3334	7,3	122	"	"	"	"	"	"	"	
	21:00	09,29	44,60	3303	3314	8,7	124	"	"	"	"	"	"	"	
	15	10,41	46,35	3249	3266	7,4	126	"	"	"	"	"	"	"	
	30	11,49	50,78	3193	3207	7,4	125	"	"	"	"	"	"	"	
45	12,58	55,73	3133	3165	8,0	120	"	"	"	"	"	"	"		
22:00	13,38	59,64	3306	3326	7,2	120	"	"	"	"	"	"	"		
15	69°14,09	24°03,42	3444	2456	5,1	114	"	"	"	"	"	"	"		
30	69°14,42	24°07,63	3333	3357	6,5	116	"	"	"	"	"	"	"		
38	69°14,99	24°09,07	3293	3292	0,8	127	"	"	60	"	"	"	"		
30.12.02	00:03														
	00:39	69°15,98	24°09,77	3235	3249	4,6	162	"	"	0	"	"	"		
	01:45	69°16,79	24°11,34	3201	3227	9,2	162	"	"	0	"	"	"		

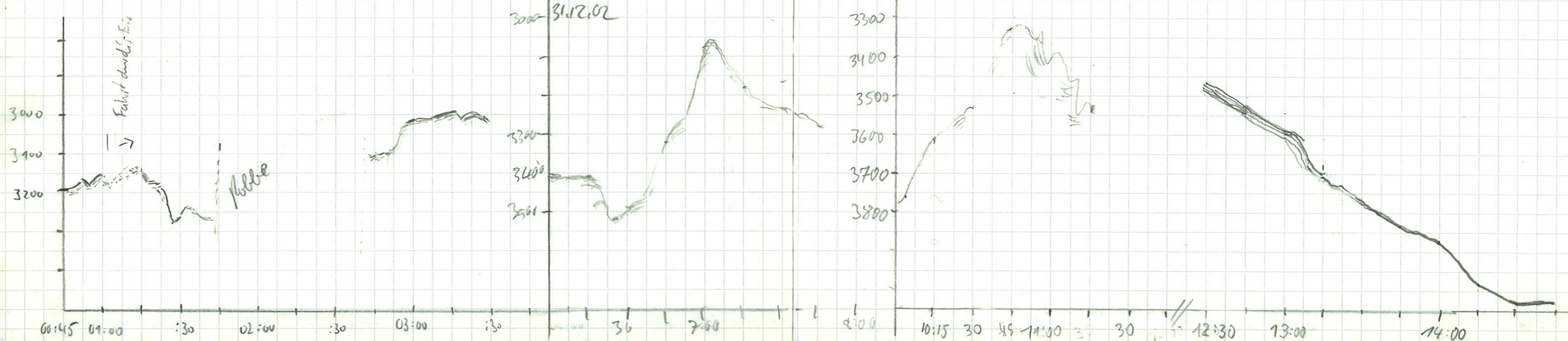
AUS
 12:47 Beginn Softstart
 13:54 AUS, 13:28 Beginn Softstart
 13:43 AUS, 14:22 Beginn Softstart
 15:19 AUS Station 63/092
 15:56 Beginn Softstart 17:20 Stationende CD 18
 CD 19

19:03 Robbenalarm
 19:26 Beginn Softstart
 Eingeschaltet 20:31 Parasound Nearest

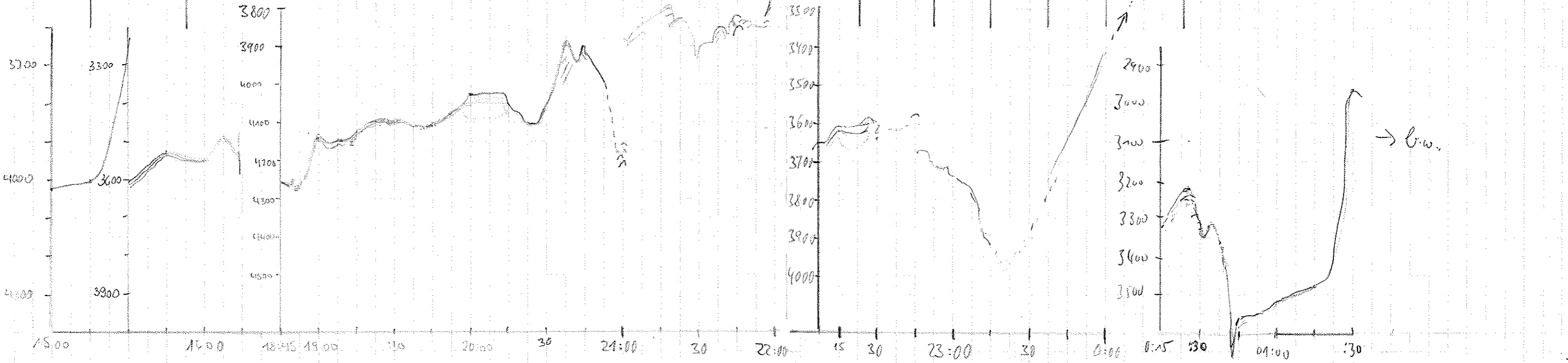
Station 63/093
 Plattformwechsel 00:00 5-31
 Nearest PSD
 Station 63/093 Ende



Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec length	Wait Time	Deso No	Disk No	Watch	Comments
30.12.02	01:00	69° 18,35'	21° 13,71'	3181	3186	7,2	164	2	266	φ	7	1	Thomas J.	Schwache Reflexionen + Fahrt durch's Eis
	01:15	20,33'	16,87'	3140	3167	8,7	116	"	"	"	"	"	"	"
	01:30	21,62'	20,78'	3267	3237	7,2	137	"	"	"	"	"	"	"
	01:40	22,84'						"	"	"	"	"	"	↳ Robbenalarm Personal Anw
	02:31	27,70'	34,62'	?	?	6,6	137	"	"	"	"	"	"	(Begin Softstart 02:09), PS Storage an
	02:45	29,03'	36,71'	2338	3273	8,7	148	"	"	"	"	"	"	weiter erit um 03:00 Deso von Rec off er-petalen
	03:00	30,94'	39,55'	3092	3023	4,6	179	"	"	"	"	"	"	↳ Robbenalarm Personal Anw
	03:15	32,21'	41,83'	2997	3016	7,2	161	"	"	"	"	"	"	
	03:30	33,62'	44,83'	2992	3155	6,2	169	"	"	"	"	"	"	
	31.12.02	05:50	69° 06,60'	22° 59,68'	3422	3432	8,1	145	1	266	0	7	1	Resia
06:00		06,18'	52,03'	3411	3420	9,1	296	2	"	"	"	"	"	Komische Wunde
06:15		05,44'	51,83'	3503	3438	9,3	292	"	"	"	"	"	"	
06:33		04,44'	45,37'	3436	3460	7,3	243	"	"	"	"	"	"	
06:44		03,92'	41,89'	3316	3244	10,5	293	"	"	"	"	"	"	
06:58		3,12'	36,85'	3084	3095	8,6	292	"	"	"	"	"	"	
07:15		2,29'	30,43'	3170	3658	6,5	288	"	"	"	"	"	"	
07:30		01,91'	26,68'	3231	3248	9,2	297	"	"	"	"	"	"	
07:45		00,64'	19,47'	3278	3302	8,5	303	"	"	"	"	"	"	
07:49														Robbenalarm
10:00		68° 53,46'	21° 27,60'	3467	3482	12,1	280	1	266	0	7	1	Maria	Softstart 9:14 - 10:14
10:15		68° 52,67'	21° 22,08'	3617	3658	11,6	294	2	"	"	"	"	Christina	
10:30		68° 51,76'	21° 16,50'	3532	3556	6,8	296	"	"	"	"	"	"	
10:45		68° 50,95'	21° 11,09'	3322	3342	7,9	291	"	"	"	"	"	Uladia	Kaum Signal auf Desorolle, aber gut im
11:00		68° 50,27'	21° 06,31'	3415	3435	7,4	293	"	"	"	"	"	Christina	Paradigma
11:17		68° 49,34'	20° 59,28'	3540	3560	7,5	292	"	"	"	"	"	"	11:17 UBA OFF
12:30		68° 45,98'	20° 35,86'	3539	3477	6,9	283	1	"	"	"	"	Gerl	
12:45		68° 45,40'	20° 30,88'	3529	3539	7,8	294	2	"	"	"	"	"	
13:00		68° 44,56'	20° 25,62'	-	3603	8,6	294	"	"	"	"	"	"	
13:15	68° 43,58'	20° 19,93'	3649	3667	9,8	290	"	"	"	"	"	"		
13:30	68° 42,28'	20° 13,40'	3757	3774	12,3	307	"	"	"	"	"	"		
13:45	68° 40,93'	20° 06,77'	3789	3799	11,7	313	"	"	"	"	"	"		
31.12.02	14:00	68° 39,71 S	19° 59,24 E	3868	3886	12,7	289	2	266	0	7	1	NL	
	14:15	38,57'	52,33'	3995	4010	10,2	298	"	"	"	"	"	"	
	14:30	37,47'	45,99'	4034	4051	12,2	285	"	"	"	"	"	"	
	14:45	36,74'	37,77'	4025	4042	9,7	286	"	"	"	"	"	"	



DATE	TIME UTC	LATITUDE	LONGITUDE	DEPTH PS	DEPTH US	SPEED	COURSE	PULSE	REC LENGTH	WAIT TIME	DESD NO	DISK NO	WATCH	COMMENTS
31.12.02	15:00	68°36,16' S	19°31,43' E	4017	4033	10,3	277	2	266	0	7	1	NL	
	15:15	35,49	24,08	4001	4018	12,7	287	"	"	"	"	"	"	
	15:30	34,46	16,48	3606	3632	9,6	289	"	"	"	"	"	"	
	15:45	33,70	10,63	3536	3560	11,6	287	"	"	"	"	"	"	
	16:00	68°32,45' S	19°03,33' E	3557	3567	12,6	288	2	266	0	7	1	Wolfgang	
31.12.02	16:12	31,02	18°57,11'	3548		8	285	0	"	"	"	"	"	16:12 Alarm
	16:37	30,63	48,36			9	289	"	"	"	"	"	"	Beginn Seftlast
	17:28	27,53	24,72	3816	3833	10	290	1	"	"	"	"	"	hemidier Membranen
	17:37	27,40	23,78			10	290	0	"	"	"	"	"	17:37 Alarm, 17:52 Seftlast
	18:45	68°27,91	17°50,32	4247	4266	12,3	288	1	"	"	"	"	"	
	19:00	21,89	42,49	4129	4148	12,6	288	2	"	"	"	"	"	
	19:15	20,87	34,51	4128	4145	12,4	278	1	"	"	"	"	"	
	19:30	20,02	26,56	4090	4112	12,7	296	"	"	"	"	"	"	
	19:45	19,86	20,33	4104	4120	11,9	155	"	"	"	"	"	"	
	20:00	22,50	24,09	4031	4049	11,7	150	2	266	0	"	1	Thomas D.	
	20:15	25,04	28,26	4044	4063	10,7	151	"	"	"	"	"	"	
	20:30	27,55	31,65	4002	4026	11,9	158	"	"	"	"	"	"	
	20:45	30,20	35,00	3914	3935	11,7	149	"	"	"	"	"	"	
	21:00	32,87	38,66	4195	4194	11,4	153	"	"	"	"	"	"	Threshold von 3 auf 2 zurück
	21:15	34,95	41,49	3831	3858	9,2	152	"	"	"	"	"	"	Gain-Feincinstellung von 5 auf 7 erhöht!
21:30	37,03	44,30	3908	3936	9,0	155	"	"	"	"	"	"		
21:45	39,11	47,12	3831	3861	9,3	156	"	"	"	"	"	"		
22:00	41,11	49,85	3752	3762	9,0	154	"	"	"	"	"	"		
22:15	43,03	52,58	3611	3627	8,7	158	"	"	"	"	"	"		
22:30	44,96	55,06	3597	3618	8,6	153	"	"	"	"	"	"	Sylvia	
22:45	46,87	57,70	3692	3708	7,5	151	"	"	"	"	"	"	"	
23:00	48,40	59,80	3747	3810	8,3	152	"	"	"	"	"	"	"	
23:15	50,26	18°02,85	3908	3927	9,8	154	"	"	"	"	"	"	"	
23:30	52,43	05,28	3915	4016	8,8	154	"	"	"	"	"	"	"	
23:45	54,27	07,79	3583	3609	9,5	152	"	"	"	"	"	"	"	
01.01.03	24:00													
	0:15	68°58,66'	18°12,51'	3327	3344	5,7	177	"	"	"	"	"	"	Happy New Year !!
	0:30	69°00,84'	14,56'	3333	3354	5,5	148	"	"	"	"	"	"	CD 19
	0:45	02,94'	17,81'	3581	3588	5,3	157	"	"	"	"	"	"	CD 20
	01:00	04,52	21,31	3570	3528	9,0	164	"	"	"	"	"	"	keine Reflexionen / sehr viel
	01:15	06,46	23,25	3455	3477	9,8	148	"	"	"	"	"	"	
01:30	68,70	27,16	2967	3098	9,8	134	"	"	"	"	"	"		

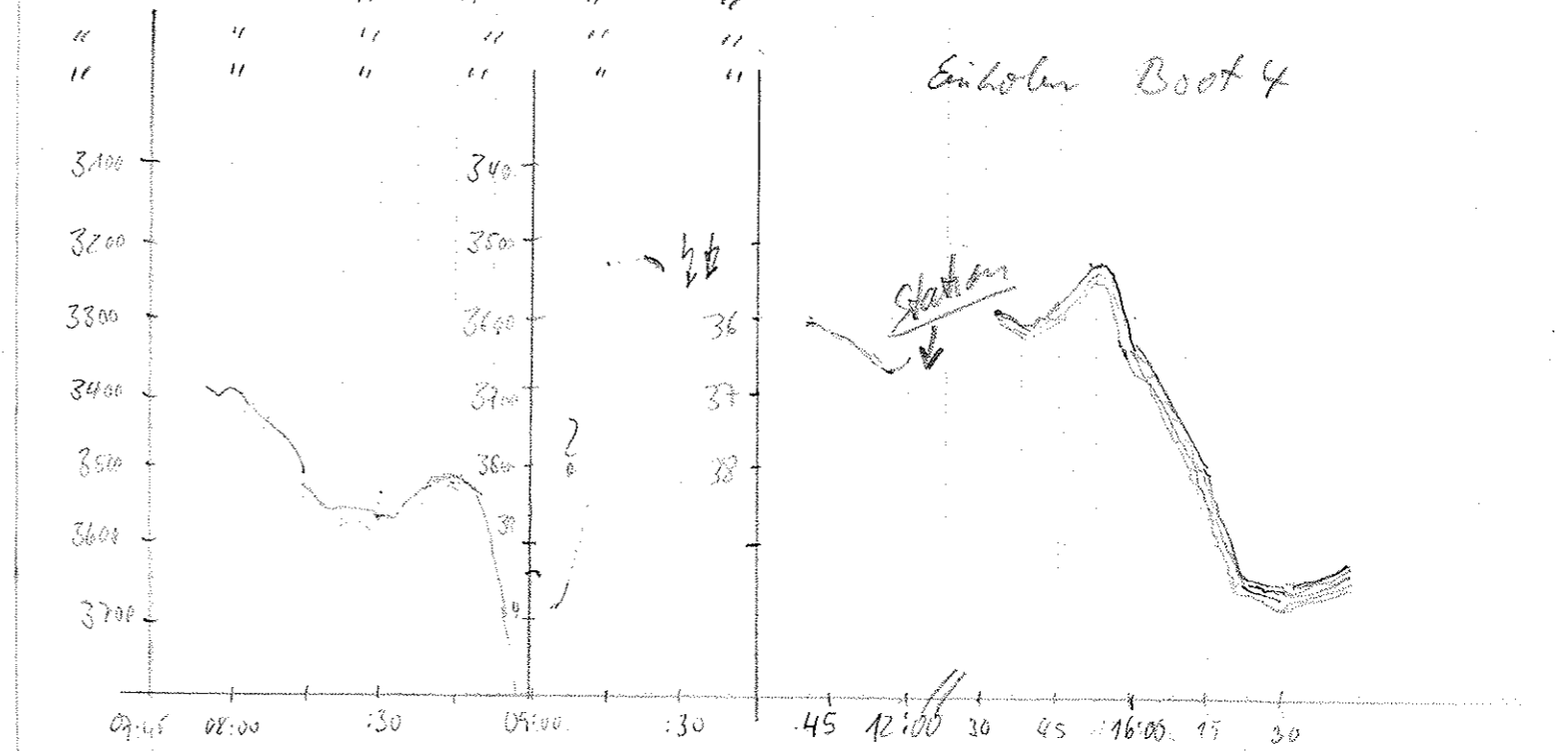
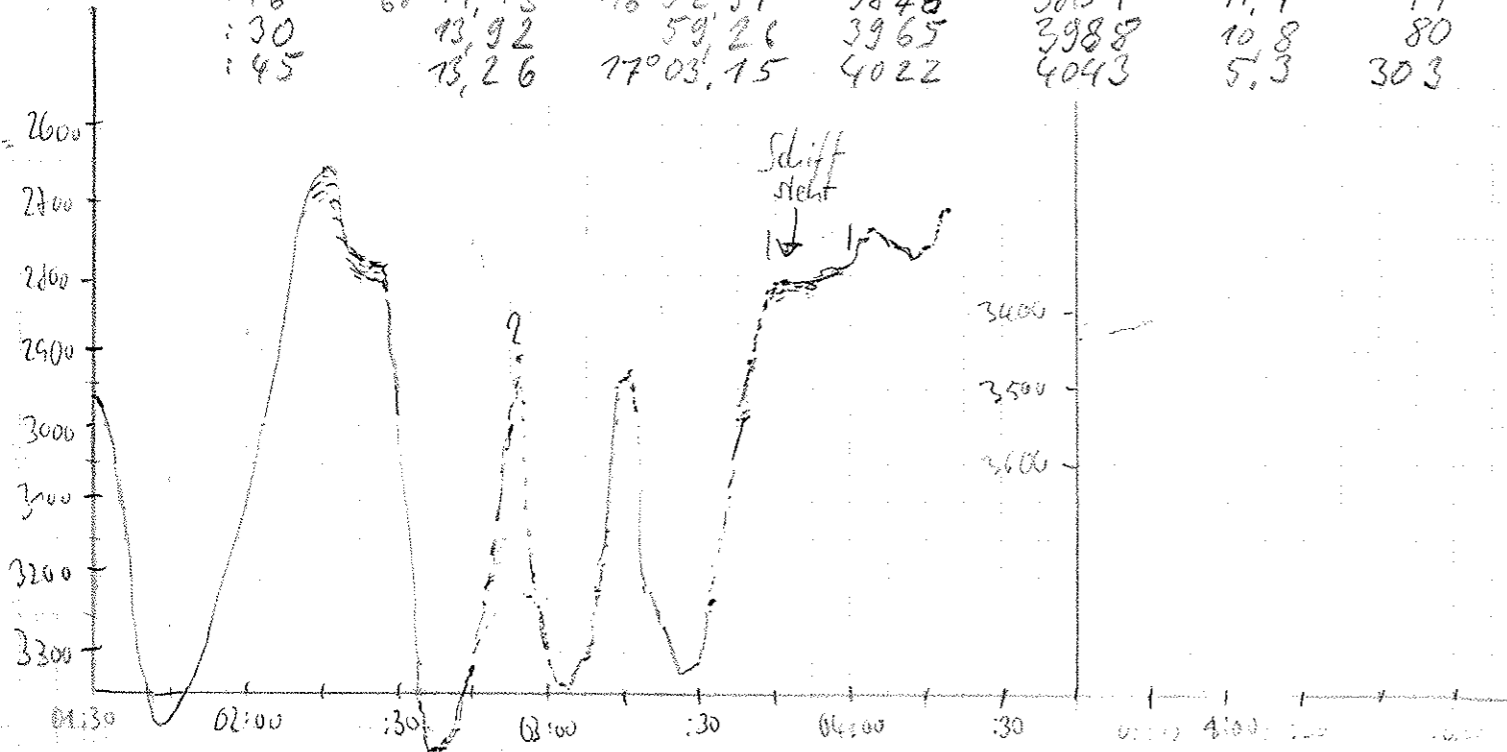


Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec Length	Wait Time	DESO No	Disk No	Watch	Comments	
01.01.03	07:45	69° 48.69	18° 24.72'	3401	3417	7.4	301	2	266	0	7	1	Thomas L.		
	02:00	48.08	19.79	3279	3239	10.2	276	"	"	"	"	"	"		
	:15	47.64	13.45	2653	2672	9.0	335	"	"	"	"	"	"		
	:30	47.22	07.40	2909	3179	9.2	280	"	"	"	"	"	"		
	:45	46.87	01.21	3377	3349	10.4	282	"	"	"	"	"	"		
	03:00	46.30'	17° 54.20	3304	3314	9.2	287	"	"	"	"	"	"		
	:15	46.05'	48.05	2937	0.	5.8	292	"	"	"	"	"	"		
	:30	45.67	44.32	3309	3339	7.3	293	"	"	"	"	"	"		
	:45	45.12	38.99	2805	2816	5.2	306	"	"	"	"	"	"		
	04:00	44.54	37.19	2790	2876	6.9	287	"	"	"	"	"	"		
	:15	44.30	32.15	2767	2775	7.8	87	"	"	"	"	"	"		
	:18	4	4	"	"	"	"	1	"	"	"	"	"		
	02.01.03	07:40	68° 49.06	17° 54.39	3431	3451	9.1	294	2	266	0	7	5	Rosi	
		08:00	47.75	47.59	3404	3421	9.8	298	"	"	"	"	"	"	
:15		46.61	41.65	3520	3534	10.9	296	"	"	"	"	"	Sylvia		
:30		45.62	35.95	3570	3586	8.5	296	"	"	"	"	"	"		
:45		44.07	29.59	3531	3549	12.7	323	"	"	"	"	"	"		
09:00		41.80	24.94	3934	3946	10.2	327	"	"	"	"	"	"		
:15		39.34	20.38	3520	3537	11.7	326	"	"	"	"	"	"		
11:39		68° 45.58	16° 45.35	3611	3634	9.1	359	1	266	0	11	11	Claudia		
45		44.82	45.38	3632	3663	6.6	1.5	2	11	11	11	11	"		
12:00		43.33	45.37	3654	3668	0		1	11	60.0	11	11	"		
15:30		68° 13.36	16° 34.81	3598	3625	9.4	257	2	266	0	7	5	Rosi		
15:45		68° 14.48	16° 36.73	3586	3609	12.0	87	"	"	"	"	"	"	Carel	
16:00		68° 14.30	16° 44.63	3646	3663	11.7	85	"	"	"	"	"	"	"	
:16		68° 14.13	16° 52.81	3848	3831	11.4	77	"	"	"	"	"	"	"	
:30	43.92	59.26	3965	3988	10.8	80	"	"	"	"	"	"	"		
:45	43.26	77° 03.15	4022	4043	5.3	303	"	"	"	"	"	"	"		

Hydroseep → falsche Tiefen?
 Erdichte nimmt zu → mehr Noise
 kaum Reflexionen, da sehr steil
 Schwere Eisbed. Speed → 0-1,0 km
 Eisbedingunger werden besser
 Robber alarm
 Klattenwedel

Reis bis 07:30
 nach Anschluß vorüber,
 keine Daten, dann
 Stromer raus, Station

06:50-07:50 Softstart
 z.T. falsche Tiefen
 9:25 Robberalarm
 9:47 Beginn Softstart
 9:51 abgebrochen
 → Anfahrtauf Kernstation
 Station 63/10375L
 ↓ usw.!
 Schleifwieder!



Einholen Boot 4

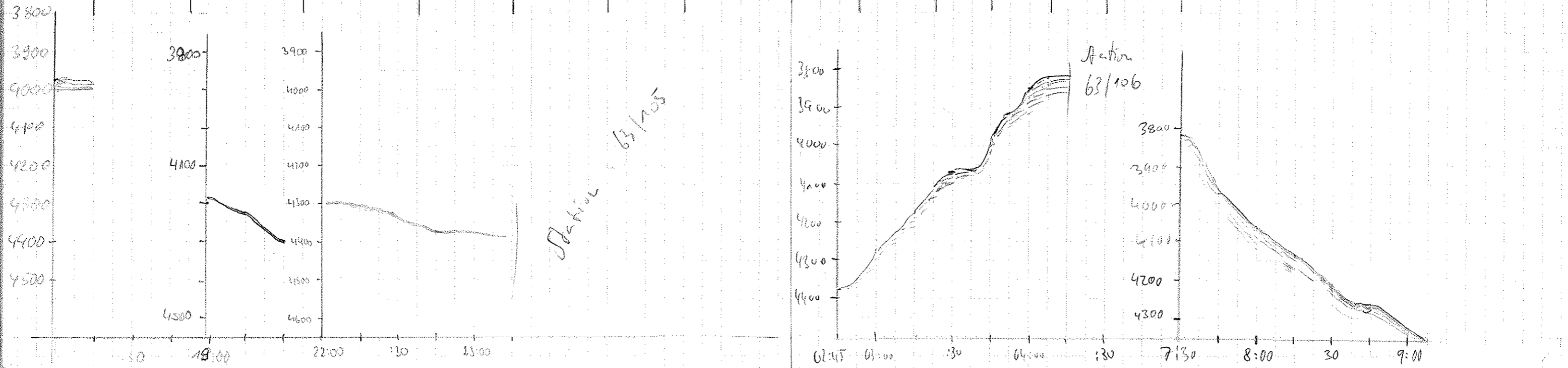
Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth 1st S. [m]	Speed [km]	Course [°]	Pulse	Rec Length	Wait Time	Desc No.	Disk No.	Watch
02.01.03	17:00	68°13,98	17°00,32	3984	4002	0,3	189	2	266	0	7	5	Card
	17:15	14,05	00,65	3989	4014	0,2	288	"	"	"	"	"	"
	17:32	13,67	16°59,52	3976	3995	2,5	41	"	"	"	"	"	"
	17:45	13,45	17°02,59	3990				"	"	"	"	"	"
2.1.03	18:46	68°14,10'S	17°34,44'E	4182	4200	11,8	92	1	266	0	7	5	NL
	19:00	14,22	41,15	4213	4229	11,8	94	2	"	"	"	"	"
	19:15	14,37	49,17	4270	4283	12,2	93	"	"	"	"	"	"
	19:30	14,50	56,48	4292	4310	5,5	89	"	"	"	"	"	"
	19:38	14,52	58,15	4281	4301	4,3	91	"	"	"	"	"	"
	22:05	14,18	18°00,23	4294	4316	5,0	45	2	266	0	7	5	Conv
	22:15	13,68	01,32	4305	4320	8,2	39	"	"	"	"	"	"
	22:30	11,84	05,47	4339	4356	9,8	40	"	"	"	"	"	"
	22:45	09,78	09,06	4369	4386	7,9	33	"	"	"	"	"	"
	23:00	08,65	11,32	4372	4391	7,0	35	"	"	"	"	"	"
	23:13	08,00	12,42	4377	4397	0,7	34	"	"	60	"	"	"
	23:50	08,07	12,39	4378	4395	0,1	144	"	"	60	"	"	Thomas W.
03.01.03	02:45	68°08,00'	18°14,26'	4379	4395	4,0	84	"	"	"	"	"	"
	02:52	07,92	15,60'	4354	4375	5,8	82	"	"	"	"	"	"
	03:00	07,78	14,00'	4283	4294	10,1	87	"	"	"	"	"	"
	03:15	07,32	27,16'	4281	4289	10,0	82	"	"	"	"	"	"
	03:30	07,10	31,85'	4069	4089	10,0	87	"	"	"	"	"	"
	03:45	06,69	39,49'	3947	3973	9,8	80	"	"	"	"	"	"
	04:00	06,41	44,87	3856	3876	10,0	87	"	"	"	"	"	"
	04:06	06,28	47,03	3820	3841	4,1	83	"	"	"	"	"	"
	04:12	06,27	47,93	3811	3833	5,9	86	"	"	"	"	"	"
	04:12	06,27	47,93	3811	3833	5,9	86	"	"	"	"	"	"
03.01.03	07:30	68°06,22	18°48,89	3796	3820	3,3	30	2	266	0	7	(5)	Thomas W.
	07:47	04,08	45,26	3947	3976	11,9	320	"	"	"	"	3	"
	8:00	02,24	40,79	4062	4079	11,8	322	"	"	"	"	"	"
	8:15	67°59,80	36,29	4139	4160	12,0	324	"	"	"	"	"	"
	8:30	57,28	31,98	4227	4252	11,8	325	"	"	"	"	"	"
	8:45	54,91	27,48	4287	4305	11,9	325	"	"	"	"	"	"
	9:00	52,47	23,03	4335	4352	11,9	326	"	"	"	"	"	"
	9:15	50,07	18,72	4385	4402	11,9	324	"	"	"	"	"	"

17:35 Robbe AUS
Storage on 10-line M. on 1

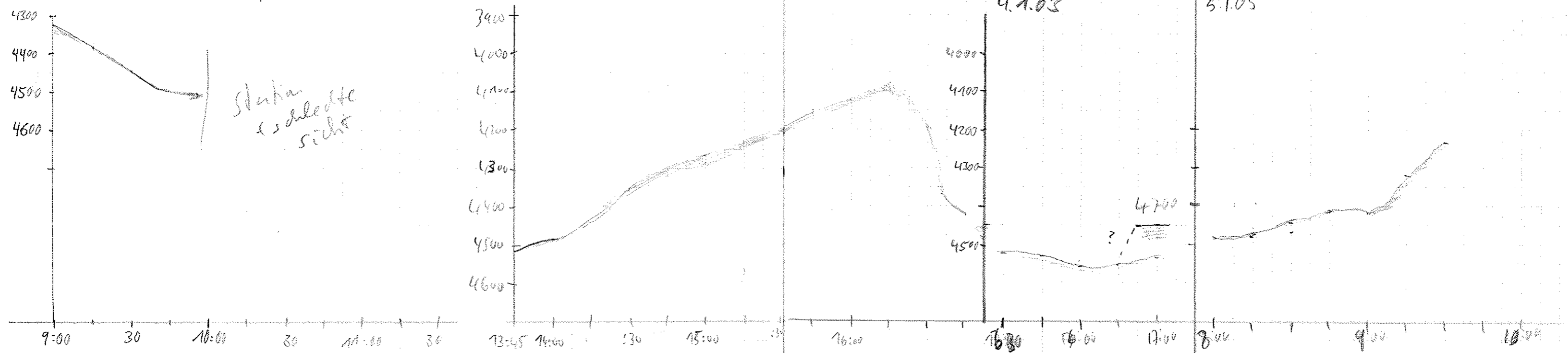
19:38 Robbe aus / Station 63/104
Station: 63/104 Ende

Station 63/105
Top PSS 23:45, Potterswedel 5-3
Stett PSS
Ende Station
Donner Bl. d. St. PSS -> M. d. St. d.

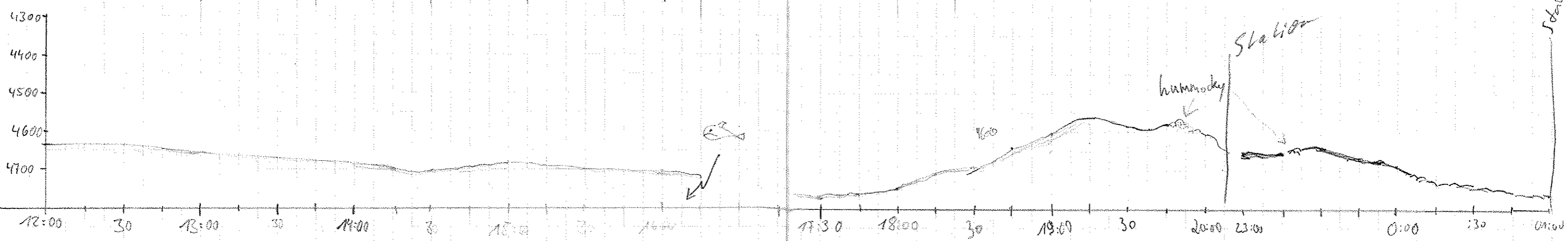
Anfahrt auf Station 1 Rhyndel - Noie
Station 63/106



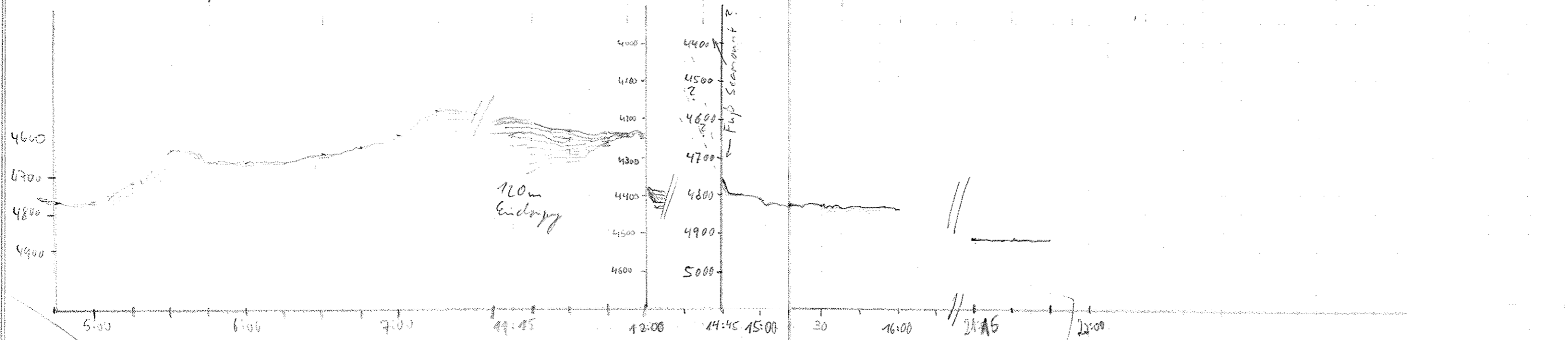
DATE 80	TIME	LATITUDE [°S]	LONGITUDE [°E]	DEPTH PS [m]	DEPTH HS [m]	SPEED [kn]	COURSE [°]	PULSE	REC LENGTH	WAIT TIME	DESD No.	DISK No.	WATCH	COMMENTS
3.1.03	9:30	67° 47,63	18° 14,30	4447	4464	12,0	327	2	266	0	7	3	Thomas W	
	:45	45,17	09,83	4494	4513	11,9	324	"	"	"	"	"	"	
	10:00	42,86	05,86	4506	4522	5,1	321	"	"	"	"	"	Sylvia	10:08 Station 108 PSS Absdatte Plattenwechsel 9-11
3.1.03	13:45	67° 39,24	18° 03,97	4527	444	11,2	62	"	"	4	7	1	Thomas W	Stationende, PSS nach Softstart
	14:00	38,06	10,09	4493	4432	11,8	68	"	"	"	"	"	"	
	:15	37,05	16,58	4410	4432	11,3	68	2	"	"	"	"	Wolfgang	Softstart fertig
	:30	36,00	23,37	4348	4363	11,4	68	"	"	"	"	"	"	
	:45	34,98	30,81	4295	4313	11,5	68	"	"	"	"	"	"	
	15:00	33,97	37,90	4264	4281	11,4	69	"	"	"	"	"	"	
	:15	32,86	45,00	4232	4250	11,7	68	"	"	"	"	"	"	
	:30	31,82	51,85	4197	4215	11,5	68	"	"	"	"	"	"	
	:45	30,77	58,85	4152	4168	11,6	70	"	"	"	"	"	"	
	16:00	29,70	15° 05,96'E	4124	4142	11,5	70	"	"	"	"	"	"	
	:15	28,68	12,85	4081	4103	11,6	69	"	"	"	"	"	"	
	:30	27,63	19,80	4208	4252	11,5	66	"	"	"	"	"	"	
	:45	26,62	26,53	4422	4453	11,5	80	"	"	"	"	"	"	
	17:04	25,32	34,86	4428	4440	-	-	"	"	"	"	"	"	
	04.01.03	13:25	67° 04,91	21° 06,34	-	-	0,9	272	1	266	60	7	3	Roger
:45		04,91	06,30	4521	4541	0,4	257	(2)	"	"	"	"	"	Softstart 12:45 - 13:45 Station 110
15:00		67° 04,83	21° 06,75	4522	4539	3,4	56	(2)	266	0	7	3	"	
:15		03,99	07,12	4534	4554	4,0	53	(3)	"	"	"	"	"	
:30		00,79	09,06	4559	4576	11,7	15,6	(E)	"	"	"	"	"	
:45		66° 46,82	21° 18,41	4452	4471	12,1	15,5	(E)	"	"	"	"	"	Sicheres aus Softstart 15:56 - 16:56
17:00	43,89	20,35	4445	4463	11,9	14,5	2	266	0	"	3	Thomas W	Web-Alarm 17:04 ausgeschaltet	
05.01.03	07:00	66° 37,69	22° 15,53	-	4799	0,3	309	2	266	60	7	3	Roger	Station 111
	08:00	66° 37,65	22° 15,37	4781	4797	1,0	340	"	"	0	"	"	"	Ende
	:18	37,16	12,74	4770	4787	9,7	267	"	"	"	"	"	"	
	:30	37,28	06,72	4743	4759	11,2	267	"	"	"	"	"	"	
	:45	37,42	21° 59,39	4728	4746	11,8	266	"	"	"	"	"	"	
	09:00	37,66	52,36	4733	4747	11,8	270	"	"	"	"	"	"	
	:15	37,66	44,27	4615	4637	11,8	270	"	"	"	"	"	"	
	:32	37,69	38,39	4563	4563	11,7	268	"	"	"	"	"	"	
:41	37,72	32,53	4511	4525	11,5	270	"	"	"	"	"	"		



82 Date	Time UTC	Latitude [OS]	Longitude [OS]	Depth [m]	Depth [m]	Speed [kts]	Course [°]	Dist	Rec. Length	Went Time	Dist No	Dist No	Went	Comments	83
05.01.2003	12:00	66° 38.01	20° 25.10	(3838)	4658	11.8	270	1	266	0	7	3	Thomas W.	Softstart 11:10-12:10	
	:15	38.04	17.45	4639	4657	12.3	269	2	"	"	"	"	"		
	:30	38.07	20° 09.79	4641	4661	12.3	269	"	"	"	"	"	"		
	:45	38.11	09.14	4647	4667	12.3	269	"	"	"	"	"	"		
	13:00	38.14	19° 54.36	4655	4671	12.6	270	"	"	"	"	"	"		
	:15	38.18	46.58	4682	4684	12.5	269	"	"	"	"	"	"		
	:30	38.22	38.83	4674	4688	12.2	269	"	"	"	"	"	"		
	:45	38.25	30.88	4676	4697	12.4	270	"	"	"	"	"	"		
	14:00	38.30	23.27	4687	4703	12.3	270	"	"	"	"	"	Syloia		
	:15	38.35	15.36	4702	4720	12.9	271	"	"	"	"	"	"		
	:30	38.36	07.49	4702	4721	12.6	270	"	"	"	"	"	"		
	:45	38.39	59.69	4692	4712	12.6	269	"	"	"	"	"	"		
	15:00	38.43	51.70	4684	4702	12.5	269	"	"	"	"	"	"		
	:15	38.46	43.96	4681	4700	12.7	269	"	"	"	"	"	"		
	:30	38.51	35.41	4687	4705	12.7	270	"	"	"	"	"	"		
	:45	38.54	27.56	4696	4714	12.5	270	"	"	"	"	"	"		
	16:00	66° 38.56	18° 20.04	4705	4725	12.8	270	"	"	"	"	"	Uadia		
	:15	66° 38.60	12.20	4725		12.7	269	0	"	"	"	"	"	Ualolam, was caught? → AUS!	
	:30													Softstart ab 16:35	
	17:25	66° 38.78	17° 34.04	4775	4793	12.6	270	1	"	"	"	"	"		
	:30	38.78	32.27	4771	4791	12.7	270	1	"	"	"	"	"		
	:45	38.82	23.09	4767	4779	12.8	269	2	"	"	"	"	"		
	18:02	66° 38.86	17° 15.18	4745	4765	12.9	269	"	"	"	"	"	Matie		
	:15	66° 38.89	17° 08.27	4719	4737	12.7	269	"	"	"	"	"	"		
	:30	66° 38.92	17° 00.27	4691	4713	13.0	268	"	"	"	"	"	"		
	:45	66° 38.95	16° 52.47	4643	4663	12.7	269	"	"	"	"	"	"		
	19:00	66° 38.99	16° 44.37	4602	4617	12.8	269	"	"	"	"	"	"		
	:15	66° 39.57	16° 38.48	4564	4583	12.0	121	"	"	"	"	"	"		
	:30	66° 41.39	16° 44.69	4583	4599	12.3	135	"	"	"	"	"	"		
	:45	66° 43.64	16° 49.91	4578	4599	12.5	137	"	"	"	"	"	"		
	20:00	66° 45.83	16° 55.06	4613	4629	12.1	137	"	"	"	"	"	"		
	:15	66° 47.24	16° 58.42	4637	4653	8.11	141	"	"	"	"	"	Christie		
	20:24	66° 47.31	16° 59.60	4656	4676	0.7	130	"	"	"	8	"	"	Station PS 63/116	
	20:37	66° 47.91	16° 59.74	4659	4680	0.4	172	"	"	60	8	1	James S.	Dist 7 to 8 R, Plankton net	
	23:00	66° 48.36	16° 59.36	4660	4680	0.4	174	"	"	0	"	"	Gerd	PS Newstart	
	23:15	66° 48.05	17° 00.77	4669	4684	11.3	6	"	"	"	"	"	"	Beginn Transit	
	23:30	66° 45.10	17° 01.39	4658	4674	11.9	9	"	"	"	"	"	"		
	23:45	66° 42.29	17° 02.93	4667	4683	11.7	12	"	"	"	"	"	"		
06.01.03	0:00	66° 39.07	17° 04.59	4687	4712	12.5	11	"	"	"	"	"	James S.		
	:15	36.18	06.13	4718	4736	12.7	12	"	"	"	"	"	"		
	:30	33.12	07.70	4739	4755	12.6	12	"	"	"	"	"	"		
	:45	30.05	09.32	4752	4768	12.2	11	"	"	"	"	"	"		
	01:00	27.29	10.62	4767	4784	3.6	6	"	"	"	"	"	"		



84 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec Length	Wait Time	Reso No	Disk No	Watch	Comments
06.07.03	01:03	66° 26.98'	17° 10.71'	4768	4784	1.3	10	2	266	60	8	A	Thomas S.	Station 117
06.07.03	04:50	66° 26.63	17° 10.16	4769	4784	5.6	300	"	"	0	"	"	Resia	
	05:00	26.48	06.90	4776	4792	10.7	275	"	"	"	"	"	"	
	:15	26.32	16° 59.68	4726	4744	12.8	272	"	"	"	"	"	"	
	:30	26.24	51.83	4646	4668	12.6	271	"	"	"	"	"	"	
	:44	26.08	41.78	4654	4674	12.8	277	"	"	"	"	"	"	
	06:04	25.79	33.98	4656	4674	12.9	275	"	"	"	"	"	"	niedlich (un)wichtig, der Boden
	:18	25.53	26.34	4662	4681	12.8	274	"	"	"	"	"	"	
	:31	25.29	19.43	4647	4663	12.7	275	"	"	"	"	"	"	
	:44	25.02	03.40	4621	4636	12.7	276	"	"	"	"	"	"	
	07:04	24.67	02.11	4590	4610	12.7	276	"	"	"	"	"	"	Ein ganz klein bisschen rauslaufen
	:15	24.48	15° 56.61	4530	4551	12.8	278	"	"	"	"	"	"	
	:30	24.32	51.08	4465	4471	6.4	275	"	"	"	"	"	"	
	:46	24.19	42.50	4377	4396	2.0	276	"	"	60	"	"	"	Station 118
	11:11	66° 24.02	15° 48.02	4374	4394	0.7	274	"	"	0	"	"	"	
	11:30	66° 23.07	15° 46.83	4380	4400	11.6	357	"	"	"	"	"	Gerd	
	11:45	66° 20.04	15° 45.95	4380	4406	12.0	346	"	"	"	"	"	"	
	12:00	66° 17.13	15° 44.29	4382	4404	12.3	347	"	"	"	"	"	Gunny	
	12:07	15.54	43.38	4395	4412	12.3	346	"	"	"	"	"	"	Wad raus, schöne Schle... Softstart 12:29 - 13:27 → Abbruch Softstart 13:54
	14:47	66° 12.00	16° 58.15	4787	4807	12.5	89	1	"	"	"	"	Thomas H.	
	15:00	10.43	17° 03.00	4819	4837	12.6	41	2	"	"	"	"	"	
	:15	07.97	08.17	4826	4841	12.7	41	"	"	"	"	"	"	
	:30	05.63	12.97	4825	4842	12.7	41	"	"	"	"	"	"	
	:45	03.19	17.91	4827	4845	12.8	39	"	"	"	"	"	"	
	16:00	00.65	23.10	4835	4848	12.6	40	"	"	"	"	"	"	
	:15	65° 58.44	27.56	4849	4864	12.5	40	"	"	"	"	"	Syfoa	16:21 Walalasm 16:55 Beginn Softstart 17:10 abgebrochen → Walalasm Softstart 20:20 - 21:20
	21:15	65° 40.55	18° 01.42	4915	4936	11.9	36	1	"	"	"	"	Mathe	
	30	65° 38.15	18° 05.60	4919	4939	12.1	35	2	"	"	"	"	"	
	45	65° 35.71	18° 09.90	4917	4937	12.0	36	"	"	"	"	"	"	
	22:00	65° 33.31	18° 14.09	4918	4936	12.0	37	"	"	"	"	"	"	



86 Date	Time UTC	Lat S	Long E	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Index	Rec depth	Wart hours	Reso #	Dist #	Notes	
6.01.03	22:15	66°30.50	18°19.02	4919	4958	12.2	34.5	2	266	0	8	1	Quota	
	22:30	65°28.39	18°27.74	4922	4939	12.1	37.1	"	"	"	"	"	"	
	22:45	65°25.33	18°26.86	4925	4945	12.1	35.7	"	"	"	"	"	"	
	23:00	65°24.64	18°29.17	4925	4945	4.2	47.5	"	"	"	"	"	"	
	23:11	65°24.53	18°29.66	4925	4945	0.5	317.6	"	"	60	"	"	"	
07.01.03	05:40	65°24.33	18°29.09	-	4949	0.2	176	2	266	60	8	1	Parad	
	06:00	24.33	29.10	4926	4945	0.2	18	"	"	"	"	"	"	
	1:15	24.37	29.07	4927	4943	0.8	210	"	"	0	"	"	"	
	1:34	22.64	31.49	4929	4947	11.7	33	"	"	"	"	"	"	
	1:49	19.45	34.82	4938	4953	11.7	27	"	"	"	"	"	"	
	07:03	13.62	37.57	4945	4964	12.0	28	"	"	"	"	"	"	
	1:15	15.35	40.23	4949	4968	11.8	25	"	"	"	"	"	"	
	1:30	12.52	43.56	4955	4975	11.8	26	"	"	"	"	"	"	
	1:46	09.94	46.52	4960	4981	12.1	25	"	"	"	"	"	"	
	8:00	07.53	49.37	4963	4985	11.7	28	2	266	0	8	1	Geod	
	1:17	04.50	53.25	4965	4983	12.1	34	"	"	"	"	"	"	
	1:30	65°02.36	56.75	4963	4983	11.8	31	"	"	"	"	"	"	
	1:45	64°59.68	59.29	4965	-	12	19	"	"	"	"	"	"	
	08.01.03	02:52	64°52.81	19°49.11	-	5032	4.7	48	1	266	0	8	3	Parad
		03:02	32.09	51.01	5041	5032	11.6	46	2	"	"	"	"	"
1:15		30.15	55.57	5088	5035	12.1	45	"	"	"	"	"	"	
1:30		28.04	20°00.32	5023	5041	12.2	46	"	"	"	"	"	"	
1:52		24.90	07.52	5032	5050	12.1	44	"	"	"	"	"	"	
04:00		23.75	16.13	5031	5051	12.1	45	"	"	"	"	"	"	
1:22		20.52	17.31	5036	5054	12.2	45	"	"	"	"	"	"	
1:33		19.13	20.60	5038	5059	12.2	45	"	"	"	"	"	"	
1:45		12.52	24.27	5041	5063	10.8	46	"	"	"	"	"	"	
05:00		15.78	28.16	5041	5060	10.4	44	"	"	"	"	"	"	
1:19		13.08	34.27	5044	5066	9.7	46	"	"	"	"	"	"	
1:30		12.01	36.66	5046	5068	9.5	45	"	"	"	"	"	"	
1:46		10.11	40.90	5050	5064	9.8	43	"	"	"	"	"	"	
06:00		08.63	44.24	5053	5071	9.3	45	"	"	"	"	"	"	
1:15		08.01	45.70	5054	5071	0.3	300	"	"	60	"	"	"	
13:15	08.17	20°45.48	5052	5072	3.4	258	2	266	0	8	3	Parad		
	1:30	07.46	46.28	5053	5069	10.1	47	"	"	"	"	"	"	
	1:45	05.67	51.54	5056	5073	11.9	47	"	"	"	"	"	"	
	14:00	04.06	55.59	5060	5079	11.5	48	"	"	"	"	"	"	
	1:15	01.87	21°00.93	5062	5082	12.5	49	"	"	"	"	"	"	
1:35	63°55.13'	07.81'	5064	5085	10.3	49	"	"	"	"	"	"		

Station PS63120

Softstart 04:58-05:58

Stationende

Online Ducter war ausgeschaltet

Aus wegen Robbe Station 63/21

Plattwerd 1-3 (Am) 09:17 E. (09:09)

Softstart 02:00-03:00

Keine PS-Tiefe im Telegramm

Paradysma Neustadt wg fehlender Tiefe, O.k. kaum Enderung

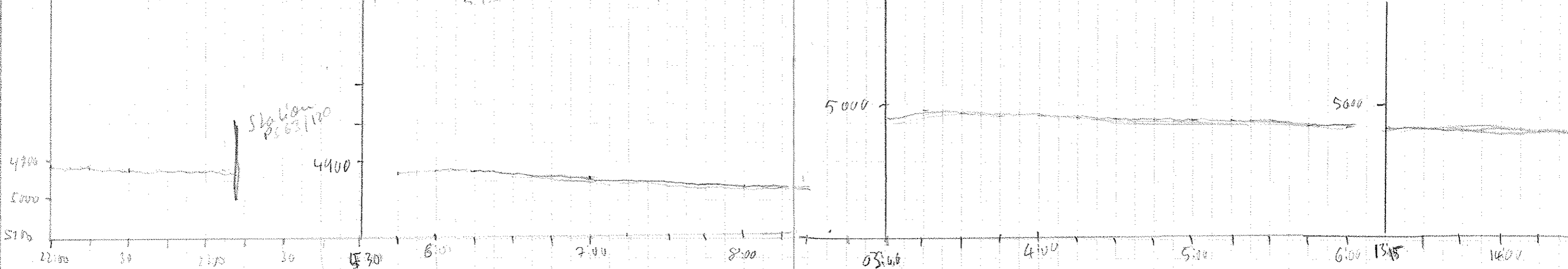
Platt ohne Enderung

Approaching Stat. PS63123

Station

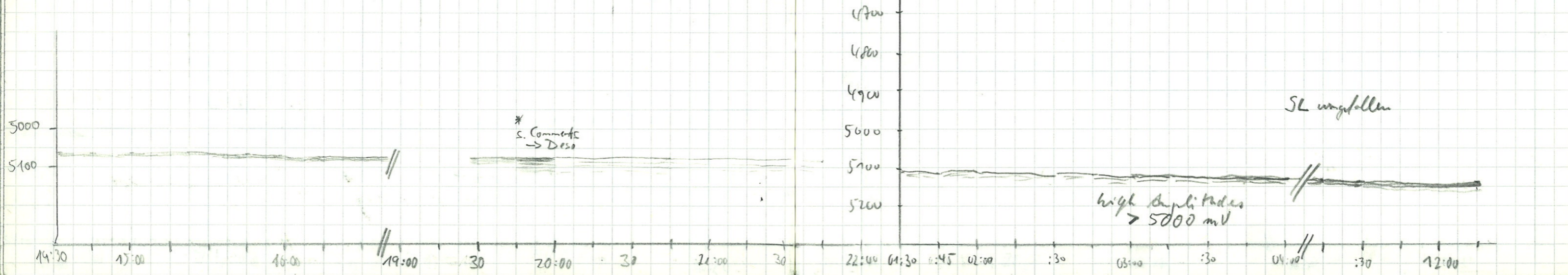
Frequenz 5.5 Station Ende

Frequenz 4

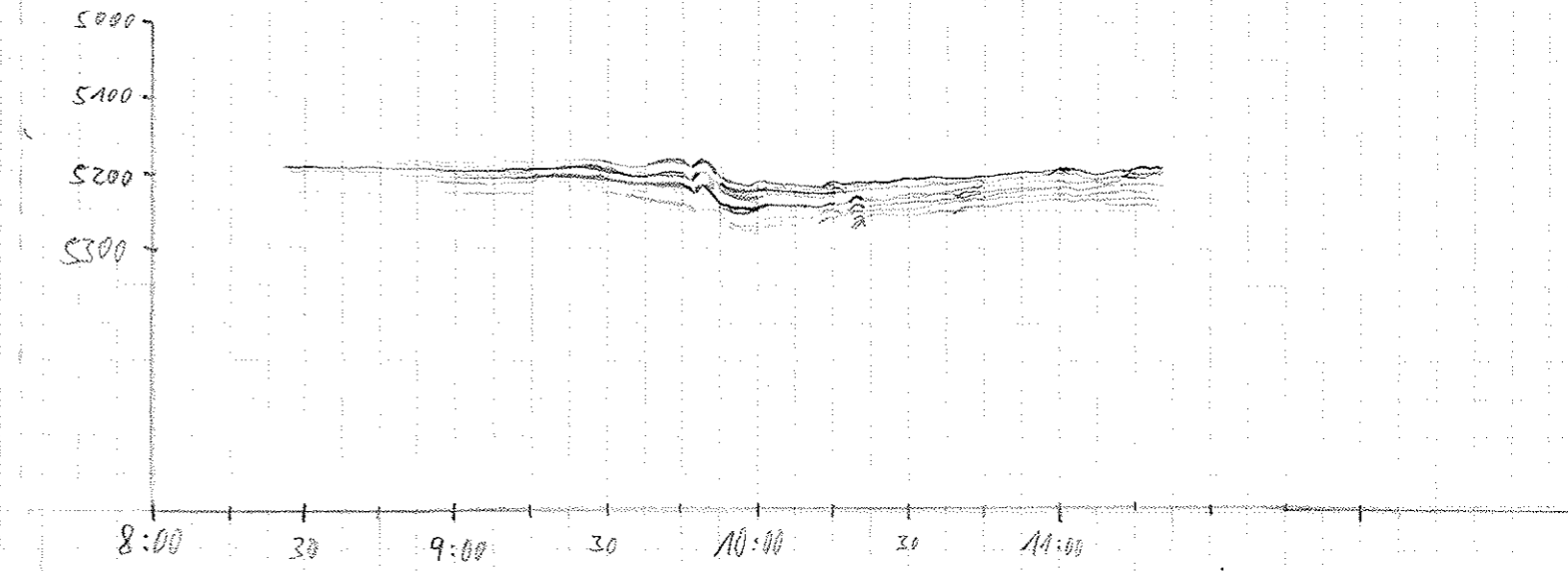
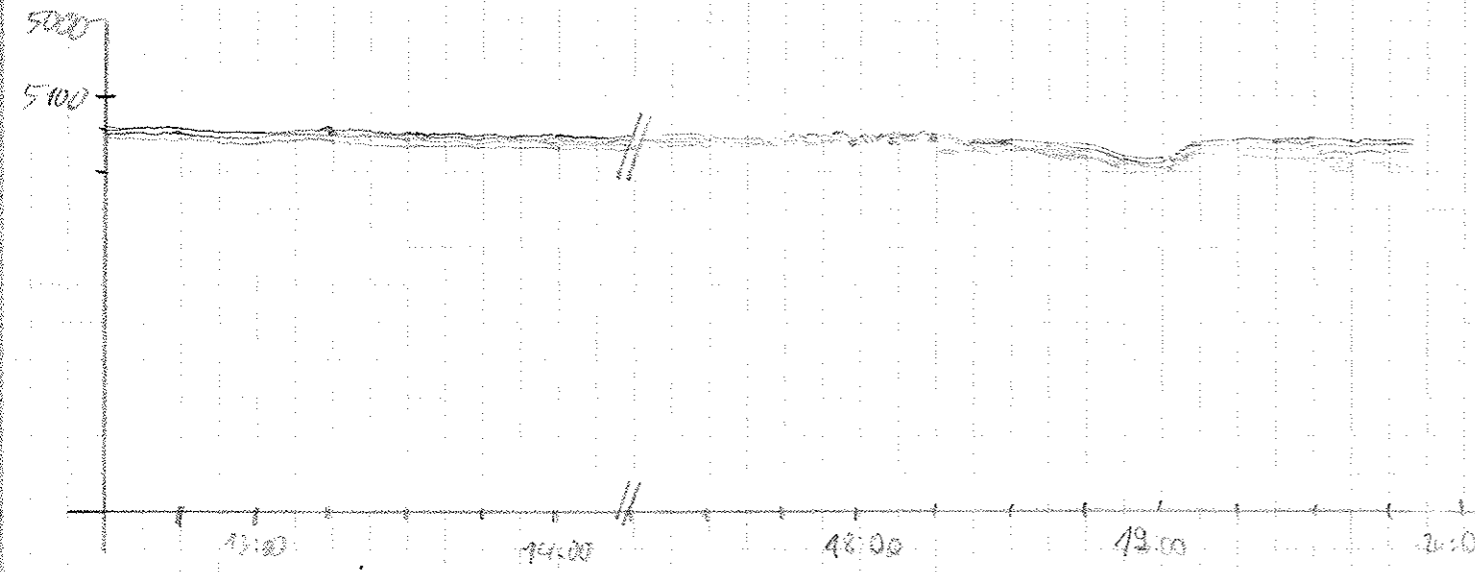


88 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec. Length	Wait time	Deso No	Dist No	Wahl	Comments	89
08.09.03	14:45	63° 57,59'	21° 17,82'	5069	5076	12,0	48	2	266	0	8	3	Reyna		
	15:00	55,68	16,49	5072	5093	12,0	48	"	"	"	"	"	"		
	1:14	53,80	21,16	5074	5094	12,1	47	"	"	"	"	"	"		
	1:30	51,42	27,09	5076	5095	12,2	48	"	"	"	"	"	"		
	:45	49,68	31,40	5078	5097	12,0	49,5	"	"	"	"	"	"		
	16:00	63° 47,67	21° 36,41	5079	5100	12,1	48	"	"	"	"	"	Wolfgang Conny		
	:15	45,66	41,36	5078	5098	8,9	48	"	"	"	"	"	"		
	:30	44,85	43,28	5076	5096	3,7	45	"	"	"	"	"	"		
	:38	44,57	43,77	5076	5093	0,8	298	"	"	60	"	"	"		
	19:30	44,75	46,05	5076	5098	4,0	63	"	"	60 → 0	"	3	Thomas W.	Station PS 621 124	
	:45	43,83	50,50	5074	5097	12,2	61	"	"	0	"	"	"		
	20:00	42,31	56,12	5074	5097	12,1	63	"	"	"	"	"	"		
	:15	41,16	22° 02,16	5074	5094	12,0	66	"	"	"	"	"	Sylvia	* Gain-Finestimmung von ca. 4 auf 5-6 erhöht	
	:30	39,98	08,27	5074	5092	12,3	67	"	"	"	"	"	"		
	:45	38,74	14,72	5074	5094	12,1	66	"	"	"	"	"	"		
	21:00	37,48	21,23	5074	5098	12,1	67	"	"	"	"	"	"		
	:15	36,16	28,04	5078	5098	12,2	66	"	"	"	"	"	"		
	:33	34,27	34,81	5079	5097	12,2	66	"	"	"	"	"	"		
	:45	33,72	39,74	5083	5107	12,2	70	"	"	"	"	"	"		
	21:50														

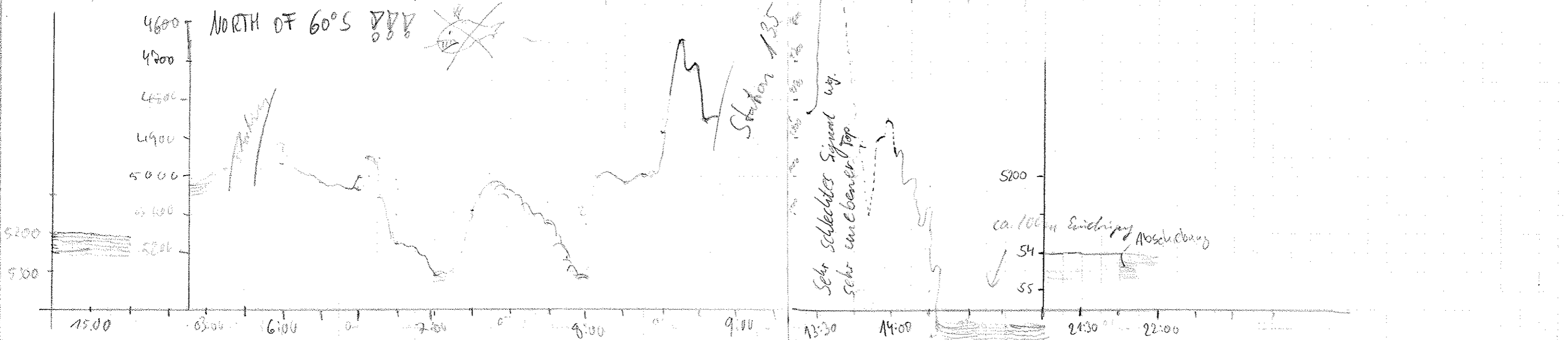
09.09.03	01:30	63° 29,75'	22° 59,04'	5114	0	3,6	52	1	266	0	8	3	Thomas J.	Parasound Softstart (01:00)	Ende Station 01:30
	01:45	28,73'	23° 00,06'	4437	5119	12,6	1	1	"	"	"	"	"		
	02:00	25,36'	22° 59,88'	5104	5122	12,7	360	2	"	"	"	"	"		
	:15	22,25'	59,94'	5105	5126	12,7	359	"	"	"	"	"	"		
	:30	19,12'	59,93'	5110	5128	12,7	360	"	"	"	"	"	"		
	:45	15,84'	59,93'	5111	5132	12,6	359	"	"	"	"	"	"		
	03:00	12,77'	59,92'	5116	5132	12,6	358	"	"	"	"	"	"		
	:15	09,05'	59,91'	5120	5138	12,8	358	"	"	"	"	"	"		
	:30	06,08'	59,91'	5121	5144	12,9	360	"	"	"	"	"	"		
	:45	03,04'	59,92'	5125	5144	12,8	1	"	"	"	"	"	"		
	04:00	63° 00,00'	22° 59,76'	5126	5146	2,6	359	"	"	60	"	"	"		
	11:04	63° 00,07'	22° 56,88'	5126	5153	3,5	302	"	"	0	"	"	Gerl	Ende Station	
	11:15	62° 58,90'	22° 57,04'	5127	5148	9,8	5,5	"	"	"	"	"	"		
	11:30	62° 56,65	22° 59,05'	5130	5151	10	32	"	"	"	"	"	"		
	:45	54,36	59,96	5130	5153	10,3	359	"	"	"	"	"	Reyn		
	12:00	51,90	59,94	5135	5156	9,7	359	"	"	"	"	"	"		
	:15	49,30	59,94	5138	5162	9,8	359	"	"	"	"	"	Gerl		



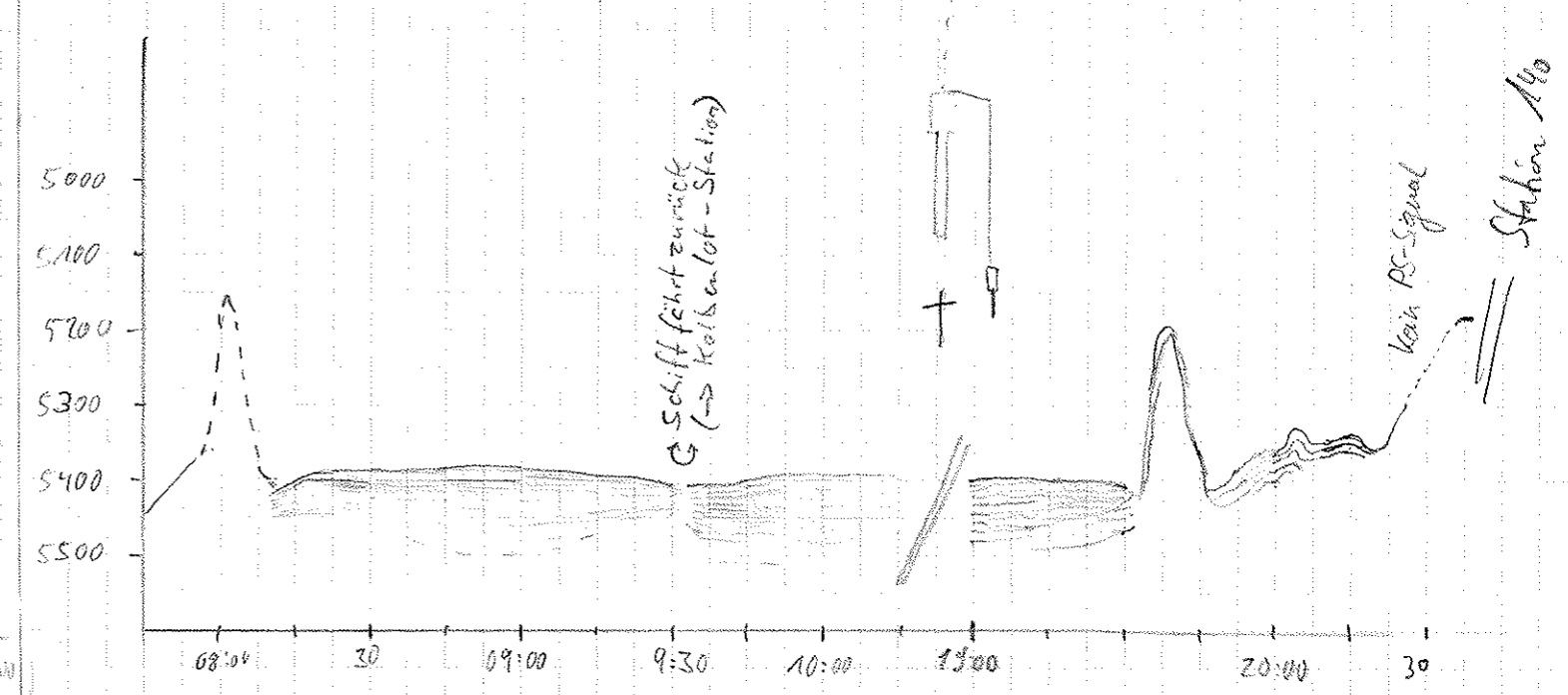
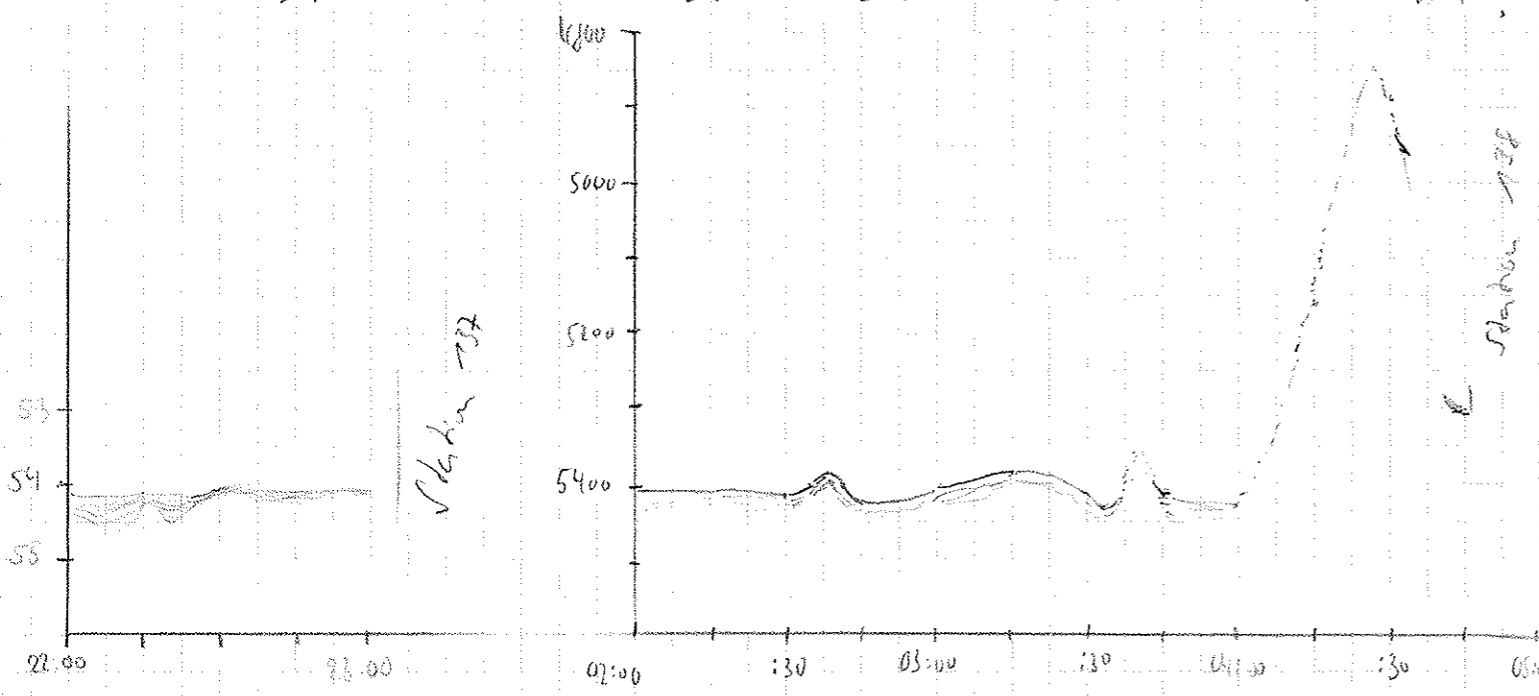
Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth P1 [m]	Depth P2 [m]	Speed [km]	Course [°]	Rise	Rec Length	Wind Force	Deso No	Disk No	Water	Comments
09.01.03	12:30	62° 46,88	22° 59,94	5143	5166	9,6	358	2	266	0	8	3	Gerold	
	:45	44,39	59,93	5143	5164	10,9	359	"	"	"	"	"	"	
	13:00	41,89	59,92	5142	5167	9,7	1	"	"	"	"	"	"	
	:15	39,43	59,92	5145	5169	10,1	1	"	"	"	"	"	"	
	:30	36,98	59,93	5146	5174	9,6	0	"	"	"	"	"	"	
	:45	34,46	59,93	5145	5169,0	9,9	1	"	266	0	"	"	"	
9.1.03	14:00	62° 32,04'S	22° 59,93'E	5148	5174	9,8	0	2	266	0	8	3	NL	
	:15	30,33	59,80	5152	5175	2,8	350	"	"	"	"	"	"	Station 63/127
	17:13	29,86	23° 00,18	5150	5175	-	-	"	"	"	"	1	Wolfgang	Platte verschl. Br. KSS (14:30)
	:30	28,46	22° 59,97	5153	5175	11,8	359	"	"	"	"	"	"	Stationende
	:45	25,46	59,93	5148	5175	12,0	359	"	"	"	"	"	"	
	18:00	62° 22,49	22° 59,93	5151	5175	11,9	359	"	"	"	"	"	Conny	
	:15	19,60	59,94	5157	5175	11,8	359	"	"	"	"	"	"	
	:30	16,69	59,91	5162	5175	11,7	359	"	"	"	"	"	"	
	:45	13,80	59,89	5166	5175	11,6	359	"	"	"	"	"	"	
	19:00	10,90	59,90	5177	5175	11,7	358	"	"	"	"	"	"	
	:15	08,03	59,92	5161	5175	11,1	1,5	"	"	"	"	"	"	
	:30	05,11	59,93	5156	5175	11,6	359	"	"	"	"	"	"	
	:45	-	-	-	-	-	-	"	"	"	"	"	"	
	:58	00,73	59,82	5154	5175	2,4	353	"	"	"	"	"	"	ups. vergessen sorry Abgeschaltet wegen Dunkelheit
10.01.03	03:30	61° 29,93'	22° 59,88'	-	-	0,4	141	1	"	60	8	1	Thomas J.	Station 083/129 (01:50)
	:45	61° 30',00'	23° 00',00'	-	-	0,3	215	1	"	"	"	"	"	
	04:00	61° 29,96'	22° 59,87'	5194	5223	0,2	81	2	"	"	"	"	"	
	08:26	61° 29,77	23° 00,00	5194	5220	3,4	77	2	266	99,0	8	1	Regina	Stationende 8:25
	8:30	29,61	00,40	5195	5223	6,1	14	2	"	0	"	1	Thomas W.	
	:45	29,91	22° 59,41	5194	5218	9,1	65	"	"	"	"	"	"	
	9:00	27,26	59,90	5196	5221	11,4	359	"	"	"	"	"	"	
	:15	24,40	59,88	5196	5223	11,4	0	"	"	"	"	"	"	
	:30	21,58	59,91	5196	5221	11,1	360	"	"	"	"	"	"	
	:45	18,75	59,91	5197	5225	11,3	359	"	"	"	"	"	"	
	10:00	15,93	59,91	5209	5236	11,3	359	"	"	"	"	"	"	
	:15	13,01	59,91	5212	5239	11,3	359	"	"	"	"	"	"	
	:30	10,30	59,88	5206	5235	11,2	0,4	"	"	"	"	"	Matre	
	:45	07,45	59,88	5201	5228	11,2	0,1	"	"	"	"	"	"	
	11:00	04,71	59,90	5196	5226	11,1	0,5	"	"	"	"	"	"	
	:15	01,97	59,90	5196	5222	7,9	357	"	"	"	"	"	"	
	:30	00,37	59,91	5197	5227	3,3	355	"	"	"	"	"	"	
	:36	00,16	59,84	5197	5226	1,1	332	"	"	"	"	"	"	Station 63/131 Aus wg schlechter Sicht!
	12:00													



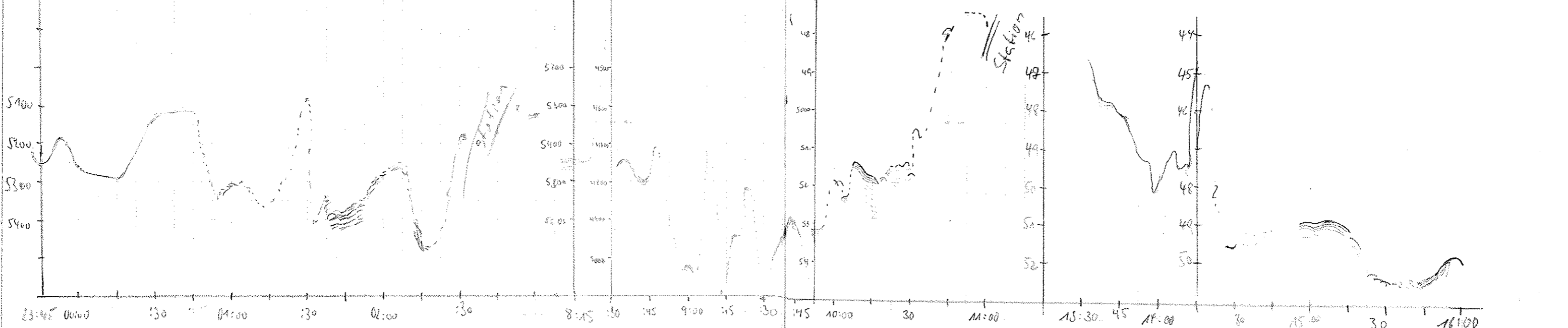
Date 92	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec Length	Wait Time	Deso No	Disk No	Watch	Comments
10.01.03	14:46	60°57.74'	22°59.96'	-	5227	10.8	1.3	1	266	0	8	1	Good	
	15:00	55.26'	59.94'	5203	5231	11.2	1	2	"	"	"	"	"	
	15:15	52.54'	59.94'	5210	5238	11.1	359	"	"	"	"	"	"	
	15:30	49.91'	59.93'	5219	5244	11.1	1.1	"	"	"	"	"	"	
	15:40													Abschaltung w. selb. 4. 5. 6.
11.01.03	02:54	60°00.00	22°59.91	-	5013	9.8	5.6	2	266	0	8	1	Flaja	
	03:00	59°59.31	59.95	5004	5022	10.7	1.5	1	"	"	"	"	"	
	03:09	58.08	59.91	4980	5003	1.1	312	"	"	60	"	"	"	Station PS 63/134 - CTD
	05:50	52.09	59.93	4990	5035	6.8	359	"	"	0	"	"	"	Ende Station, kein Signal
	06:13	54.37	59.96	5013	5035	7.4	359	"	"	"	"	"	"	
	06:30	51.85	59.96	5042	5061	10.1	4.4	"	"	"	"	"	"	Kein Einbringung
	06:45	49.48	59.95	-	5193	10.0	359	"	"	"	"	"	"	
	07:00	46.85	59.95	5263	5300	9.7	357	"	"	"	"	"	"	
	07:15	44.81	59.95	5098	5119	10.3	359	"	"	"	"	"	"	
	07:30	42.66	59.96	5038	5115	9.7	1.3	"	"	"	"	"	"	
	07:46	39.66	59.96	5121	5148	9.5	360	"	"	"	"	"	"	
	08:00	37.68	59.96	5267	5270	9.9	360	"	"	"	"	"	"	Keine Abläsung?
	08:15	35.24	59.95	5022	5046	9.5	360	"	"	"	"	"	"	
	08:30	32.77	59.96	4923	4984	10.4	359	"	"	"	"	"	"	
	08:45	30.16	59.97	4665	4842	10.4	359	"	"	"	"	"	"	
	08:54	30.13	23°01.18	4938?	6576?	1.0	190	"	"	60	"	"	Mathe	→ falsche Parasonnd Tiefe! (von ca. 2:37 - 2:47) Station PS 63/135
	13:25	59°29.89	22°59.85	4830	4842	0.7	322	"	"	0	"	"	Mathe	End Station PS 63/135
	13:45	29.29	59.98	0	4900	8.8	0.6	"	"	"	"	"	"	meC leer
	14:00	59°25.30	59.96	0	4939	8.2	0.7	"	"	"	"	"	"	
	14:15	59°23.06	59.96	5395	5417	9.4	9.0	"	"	"	"	"	Cherwin	
	14:30	59°20.87	59.96	5402	5420	8.0	358	"	"	"	"	"	"	Stationenportion 14:41
	14:47	59°17.97	59.93	5401	5429	10.9	2	"	"	"	"	"	"	
	15:00	18.63	23°00.57	5401	5429	12.5	136	"	"	"	"	"	Good	
	15:06	59°19.24	23°00.09	5403	5430	3.9	290	"	"	60	"	"	Good	Station PS 63/136 = "Super bouane", aber 16.4 - !
	20:14	59°14.43	22°59.56	5401	5425	0.4	319	"	"	"	9	"	Flaja	Resowechsel 8 → 9
	21:15	19.26	59.97	5401	5426	3.4	350	"	"	0	"	"	Wolfgang	Stationende
	21:30	17.57	59.97	5400	5425	10.9	357	"	"	"	"	"	"	
	21:45	14.81	59.95	5397	5419	11.1	358	"	"	"	"	"	"	
	22:00	12.06	59.95	5418	5440	10.5	1.6	"	"	"	"	"	"	



94 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec Length	Wait Time	Deso No.	Disk No.	Watch	Comments	95
11.01.03	22:15	59° 09,40'	22° 59,54'	5420	5447	11,0	1	1	266	0	9	1	Wolfgang Conny	Station 031187	CD24 CD25
	:30	06,61	59,94	5408	5435	11,7	359	2	"	"	"	"	"		
	:45	03,89	59,95	5416	5437	10,9	358	"	"	"	"	"	"		
	23:00	01,13	59,94	5417	5436	9,1	356	"	"	"	"	"	"		
	07	00,31	59,93	5329	5378	3,2	356	"	"	60??	"	"	"		
12.01.03	02:08	58° 54,54'	23° 00,00'	5411	5433	7,1	355	"	266	φ	9	1	Thomas J.	Ende Station	
	:15	57,60'	59,97'	5416	5436	9,5	3	"	"	"	"	"	"		
	:30	58,29'	59,97'	5416	5438	11,7	0	"	"	"	"	"	"		
	:45	52,25'	59,96'	5428	5456	11,3	359	"	"	"	"	"	"		
	03:00	49,35'	59,97'	5408	5433	11,7	0	"	"	"	"	"	"		
	:15	46,72'	59,94'	5389	5412	11,3	2	"	"	"	"	"	"		
	:30	43,89'	59,94'	5415	5439	11,0	0	"	"	"	"	"	"		
	:45	40,96'	59,94'	5416	5443	12,1	359	"	"	"	"	"	"	03:40 Spitze des "Haugen" Cluster nicht erwünscht...	
	04:00	38,10'	59,95'	5428	5442	10,7	359	"	"	"	"	"	"		
	:15	35,15'	59,96'	5	5457	11,8	358	"	"	"	"	"	"	04:10 keine Reflexionen rotel ↑	
	:30	31,99	59,97	4886	4991	11,3	359	"	"	"	"	"	"		
	04:42	30,25	59,89	5263	5304	6,7	0	"	"	60	"	"	"	Station 062/138 Plattenwechsel 1→3 (RS ein (04:51)) Ende Station	
	07:42	58° 30,34	22° 59,30	5258	5309	0,6	266	2	266	0	9	3	Razin		
	08:06	27,74	59,89	(5413)	5259	11,2	5,1	"	"	"	"	"	"		
	:15	24,97	59,92	5402	5425	10,5	0	2	266	0	"	3	Thomas D.		
	:30	22,40	59,94	5388	5423	9,8	0	"	"	"	"	"	"		
	:45	19,70	59,95	5385	5414	11,7	4	"	"	"	"	"	"		
	09:00	17,13	59,95	5386	5413	10,6	0	"	"	"	"	"	"		
	:15	14,64	58,78	5391	5424	10,6	328	"	"	"	"	"	"		
	:30	12,30	56,18	5404	5434	10,6	315	"	"	"	"	"	"	Schiff dreht, fährt zurück für Kolbenlot-Stat (9:35)	
:45	11,17	56,23	5401	5435	12,4	152	"	"	"	"	"	"			
10:00	16,98	58,98	5387	5419	13,7	155	"	"	60	"	"	Sybra	10:12 Station 2+ Kol in Wasser ausgeschüt, MUC		
19:00	58° 17,28	22° 58,91'	5388	5416	8,5	8	"	"	0	9	3	Gerol			
:15	15,32	59,59	5389	5417	11,6	10	"	"	"	"	"	"			
:30	12,42	59,93	5398	5434	11,9	4	"	"	"	"	"	"			
:45	9,48	59,96	-	5359	12,3	2	"	"	"	"	"	"			
20:00	6,345	59,956	5354	5250	11,8	7	"	"	"	"	"	"			
:15	3,6175	59,967	5329	5326	11,8	357	"	"	"	"	"	Walter			
:30	00,69	59,95	5278	5278	12,5	5	"	"	"	"	"	"			
:45	00,13	59,88	5180	5220	0,4	164	"	"	"	"	"	"	Station 140		

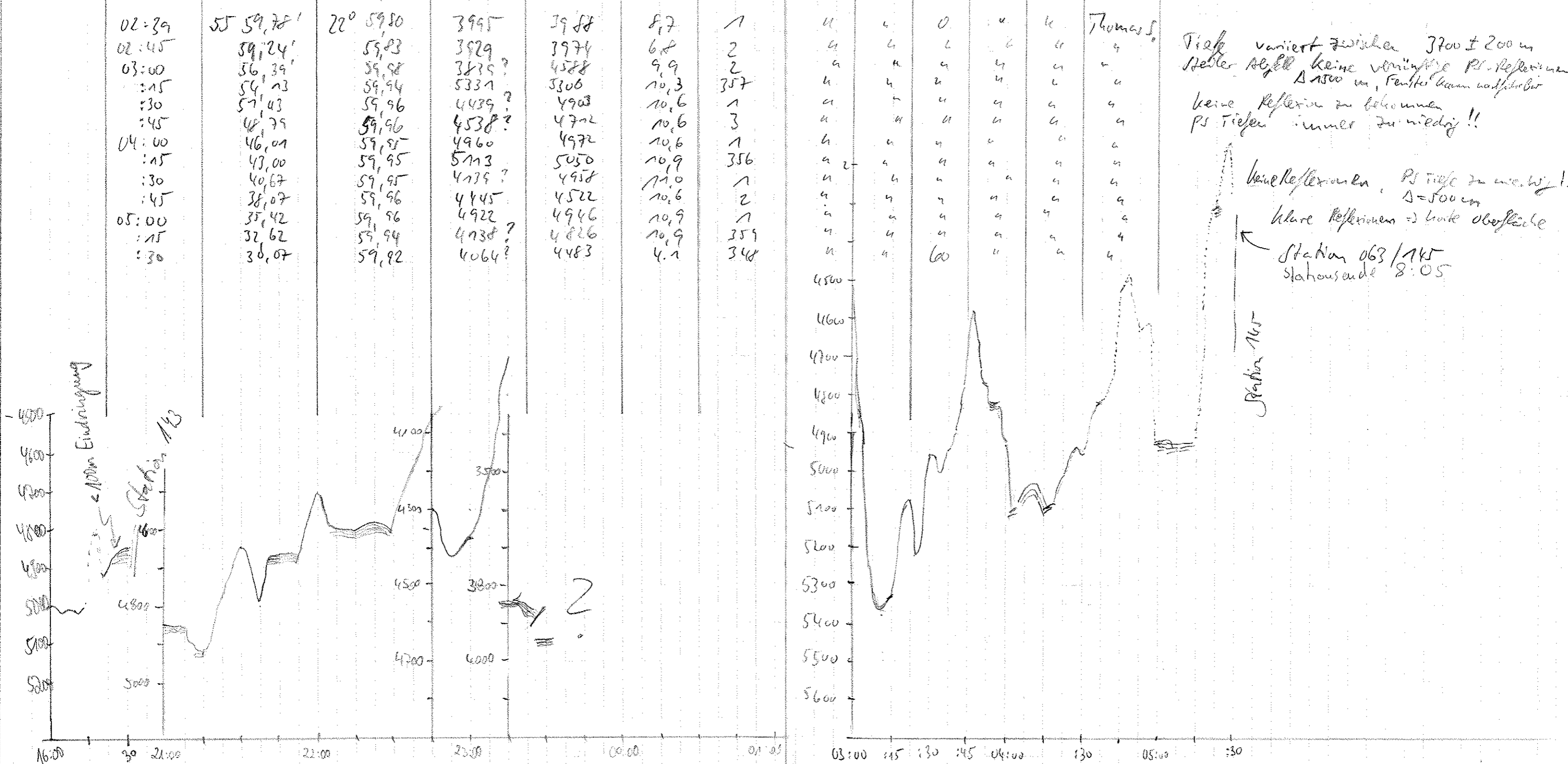


Date 96	Time UTC	Latitude [° S]	Longitude [° E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec Length	Wait time	Dens No.	Disk No.	Watch	Comments
12.01.03	23:40	58° 01,46'	22° 58,71'	5223	5297	4,9	340	2	266	0	9	3	Thomas S.	Station Ende
	:45	01,09	58,88'	5262	5296	9,6	35	"	"	"	"	"	"	"
13.01.03	00:00	52° 58,42'	59,91'	5288	5307	11,1	3	"	"	"	"	"	"	sehr schwache Reflexionen
	:15	55,57'	59,96'	5299	5332	11,7	357	"	"	"	"	"	"	ständig falsche Tiefe PS < HS!
	:30	52,71'	59,97'	5115	5229	11,6	359	"	"	"	"	"	"	wird zu niedrig / dann zu hoch!!
	:45	49,10	59,96'	5113	5205	11,7	0	"	"	"	"	"	"	keine vernünftige PS Tiefe
	01:09	45,41	59,91	5304	5350	11,4	5	"	"	"	"	"	"	aussetzt!!
	:15	44,10	59,96	?	5380	11,2	357	"	"	"	"	"	"	
	:30	40,82	59,94	5317	5410	11,5	357	"	"	"	"	"	"	01:35 endlich wieder vernünftige Reflexionen
	:45	38,16	59,97'	5355	5390	11,5	353	"	"	"	"	"	"	schöne Schichtungen
02:00		38,30	59,97	5259	5283	11,4	359	"	"	"	"	"	"	ampl. ändern!
	:15	32,48	23° 00,54	5425	5457	12,3	10	"	"	"	"	"	"	
	:30	29,88'	00,15	-	5141	2,3	57	"	"	"	"	"	"	
	:32													
04:42		57° 30,32	22° 59,79	5114	5256	0,2	116	"	"	60	"	"	BS in	Bay-Arbeiter verhindern sinnvolle Ablegung!
08:11		31,24	58,69	5442	5470	4,8	285	"	"	0	"	"	Commy	Station Ende
	:15	31,14	58,44	5448	5472	5,8	334	"	"	"	"	"	"	~ 8:20 Signal laut ab, Anstieg
	:30	28,81	59,35	4589	4970	11,7	13	"	"	"	"	"	"	
	:45	25,79	23° 00,11	4776	4801	12,0	3,5	"	"	"	"	"	"	
9:00		22,77	00,35	4738	5016	12,2	3,7	"	"	"	"	"	"	
	:15	19,74	00,53	0	5050	11,8	354	"	"	"	"	"	"	
	:30	16,76	00,01	5113	5153	12,1	356	"	"	"	"	"	"	
	:45	13,73	22° 59,94	4889	4971	12,3	358	"	"	"	"	"	"	
10:00		10,68	59,95	(0)	5211	12,7	3,9	2	266	0	"	3	Thomas W.	
	:15	07,76	59,95	(4437)	5197	11,8	359	"	"	"	"	"	"	
	:30	04,67	59,96	(4438)	5172	12,3	1	"	"	"	"	"	"	
	:45	01,62	59,96	(4439)	4744	12,7	359	"	"	"	"	"	"	
11:00		59,98	59,93	(4438)	4773	0,8	285	"	"	100?	"	"	"	Paracound NEUstart
13:33		03,78	59,21	-	4688	5,6	358	"	"	0	"	5	Sylvia	Station PS 63/142
→	:45	56° 59,16	59,96	4802	4835	10,4	4	"	"	"	"	"	"	PS am 11:07 bis 11:10
14:00		56,51	59,98	4969	4995	10,4	359	"	"	"	"	"	"	Ende Station
	:15	53,88	59,96	-	4685	11,1	357	"	"	"	"	"	"	Station Ende
	:30	51,33	59,96	4965	4903	10,3	358	"	"	"	"	"	"	
	:45	48,15	59,96	4814	4915	10,4	3,3	"	"	"	"	"	"	
15:05		44,59	59,96	4813	4901	10,3	358	"	"	"	"	"	Urania	Zu steil kaum Signale
	:15	43,26	59,93	4814	4914	10,5	358	"	"	"	"	"	"	diese Schichten
	:30	40,27	59,95	4814	5063	10,8	1,0	"	"	"	"	"	"	wieder kaum Signale
	:45	37,83	59,94	5023	5052	10,9	1,9	"	"	"	"	"	"	
16:00		35,09	59,96	4131?	4840	10,6	0,1	"	"	"	"	"	Matze	

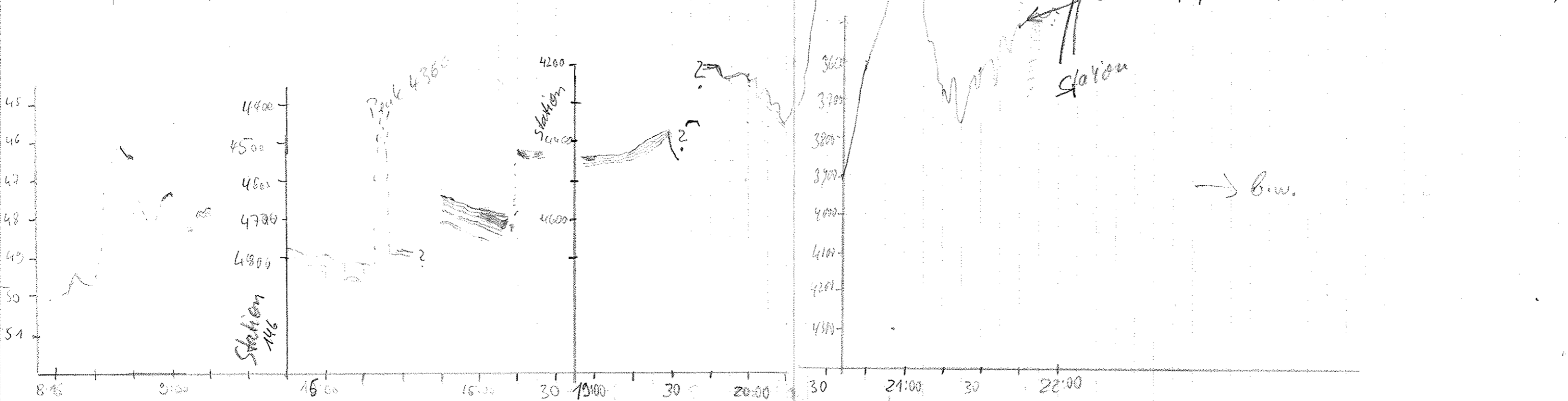


Plattenwechsel 3-5
 025
 026

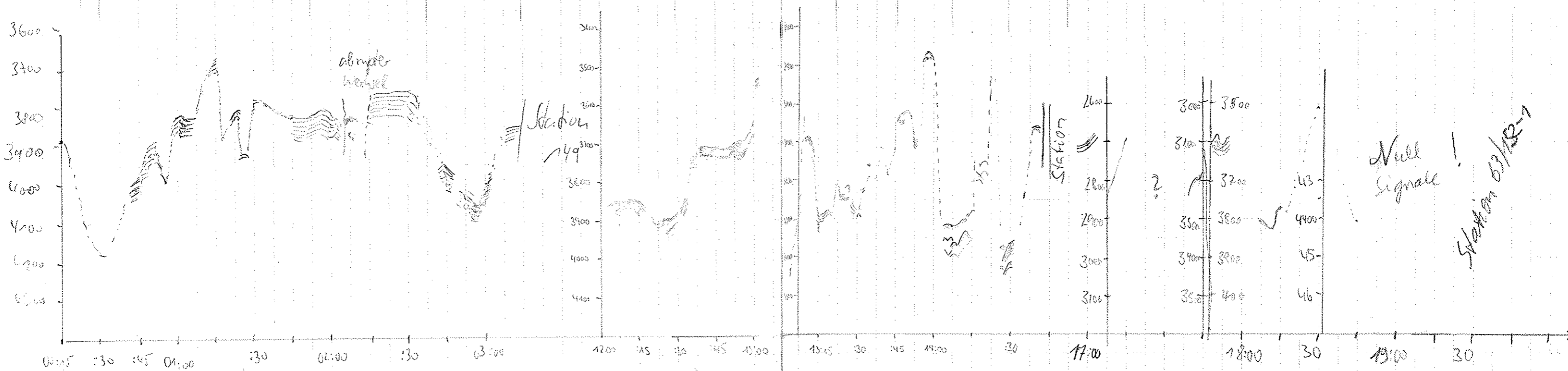
98 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth [m]	Depth HS [m]	Speed [knot]	Course [°]	Pulse	Rec. length	Wait Time	Desc. No.	Disk No.	Water	Comments
13.01.03	16:15	56° 32.43	22° 59.95	4514?	4894	10.7	3	2	286	0	9	5	Matze	Kein PS Signal Station 143
	30	30.12	59.95	~4548	4871	1.8	355	"	"	"	"	"	"	
	32	30.07	59.92	0	4870	0.5	227	"	"	60	"	"	"	
13.01.03	21:06	56° 30.46 S	23° 00.76 E	4768	4875	6.2	281	2	266	0	9	5	NL	End of Station 143
	15	28.63	22° 59.99	4840	4933	10.9	352	"	"	"	"	"	"	
	30	26.87	59.89	4638	4665	10.9	359	"	"	"	"	"	"	
	45	23.84	59.96	4738	4668	10.9	1	"	"	"	"	"	"	
	22:00	56° 21.11 S	22° 59.96 E		4502	11.2	357	"	"	"	"	"	"	
	15	17.89	59.96	4589	4724	11.4	358	"	"	"	"	"	"	
	30	15.38	59.95	4589	4672	11.0	359	"	"	"	"	"	"	
	45	12.61	59.94	4274	4310	11.1	358	"	"	"	"	"	"	
	23:00	56° 10.15 S	22° 59.95 E	4364	4257	11.1	359	"	"	"	"	"	"	
	15	07.34	59.96	3864	3887	11.1	358	"	"	"	"	"	"	
	30	04.66	59.96	3839	3951	10.8	359	"	"	"	"	"	"	
	45	02.03	59.96	3764	3964	10.4	360 = 0	"	"	"	"	"	"	
14.01.03	00:00	56° 00.54 S	22° 59.97 E	3989?	3703	8.0	2	"	"	60	"	"	"	Begin Station 144
	02:39	55 59.78'	22° 59.80	3995	3988	8.7	1	"	"	0	"	"	Thomas S.	Tiefe variiert zwischen 3700 ± 200 m Steiler Abfall keine vernünftige PS-Reflexionen Δ 1500 m, Fenster kann nicht ablesen keine Reflexion zu bekommen PS-Tiefen immer zu niedrig!! keine Reflexionen, PS-Tiefe zu niedrig!! klare Reflexionen → keine Oberfläche Station 063/145 Stationsende 8:05
	02:45	59.24'	59.83	3929	3974	6.8	2	"	"	2	"	"	"	
	03:00	56.39'	59.98	3835?	4588	9.9	2	"	"	2	"	"	"	
	:15	54.13'	59.94	5331	5306	10.3	357	"	"	2	"	"	"	
	:30	51.43'	59.96	4439?	4903	10.6	1	"	"	2	"	"	"	
	:45	48.79'	59.96	4538?	4702	10.6	3	"	"	2	"	"	"	
	04:00	46.01'	59.95	4960	4972	10.6	1	"	"	2	"	"	"	
	:15	43.00'	59.95	5113	5050	10.9	356	"	"	2	"	"	"	
	:30	40.67'	59.95	4139?	4958	11.0	1	"	"	2	"	"	"	
	:45	38.07'	59.96	4445	4522	10.6	2	"	"	2	"	"	"	
	05:00	35.42'	59.96	4922	4946	10.9	1	"	"	2	"	"	"	
	:15	32.62'	59.94	4738?	4826	10.9	359	"	"	2	"	"	"	
	:30	30.07'	59.92	4064?	4483	4.1	348	"	"	60	"	"	"	



Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec Length	Wait Time	Deso Nr	Disk Nr.	Watch	Comment
14.01.03	8:15	55°29,98'	23°00,76'	3539.2	4468	9,7	7	2	266	0	8	5	Walkey	
	:30	27,32	00,03	4138?	4984	11,1	358	"	"	"	"	"	"	
	:45	24,55'	22°59,49'	4640	4673	11,2	357	"	"	"	"	"	"	
	9:00	21,83'	59,96'	4727	4801	10,8	1	"	"	"	"	"	"	
	:15	19,10	59,96	4774	4801	11,2	300	"	"	60?	"	"	"	Stationenotbeseuse 106? KOL + MUC
	9:23													
	14:33	19,12	23°00,05	4775	4811	6,0	5	"	"	0	"	"	Syloia	Stationende
	:45	19,43	22°59,97		4819	11,0	357	"	"	"	"	"	"	
	15:00	14,62	59,96	4797	4820	10,8	5,2	"	"	"	"	"	Rei	
	:16	11,93	59,96	4818	4832	10,6	0,7	"	"	"	"	"	"	
	:33	08,90	59,96		4827	11,0	359	"	"	"	"	"	"	
	:45	06,77	59,96		4668	10,5	388	6	"	"	"	"	Syloia	
	16:00	55°03,89	59,97	4664	4720	10,2	357	"	"	"	"	"	Claudia	
	:15	01,61	59,95	4289	4507	10,2	359	"	"	"	"	"	"	
	:24	55°00,18	22°59,92	4289	4508	3,1	347	"	"	60	"	"	"	16:21 Bremsen für Station 147 CID
	19:00	01,10	23°01,18	4533	4557	4,1	258	"	"	0	"	"	"	Stationenbetriebe
	:15	54°58,67'S	00,77 E	4467	4488	10,3	357	"	"	"	"	"	NL	Stationende 19:00
	:30	56,80	00,60		4493	10,4	354	"	"	"	"	"	"	
	:45	54,24	00,34	4193	4208	10,3	354	"	"	"	"	"	"	
	20:00	54°51,70	22°57,96	4214	4382	10,2	1,3	"	"	"	"	"	Obstion	
	:15	54°49,09	22°59,95	4354	4372	10,6	5,4	"	"	"	"	"	"	
	:30	54°46,46	22°59,76	3904	3998	10,2	358	"	"	"	"	"	"	
	:45	54°44,02	22°59,94	3614	3666	10,2	1,0	"	"	"	"	"	"	
	21:00	54°41,27	22°59,98	3314	3604	11,0	358	"	"	"	"	"	"	
	:15	54°38,63	22°59,96	3689	3759	10,5	1,3	"	"	"	"	"	"	
	:30	54,36,09	22°59,96	3614	3686	10,7	3	"	"	"	"	"	"	
	:45	54,33,34	22°59,96	3479	3472	10,6	2	"	"	"	"	"	"	
	22:00	54,30,32	22°59,92	3459	3504	5,4	4	"	"	"	"	"	"	Station FS 63 M48
15.01.03	00:15	54°28,74'	22°59,61'	3939?	3884	11,0	15	"	"	0	"	"	Promaj	Stationende
	:30	25,57'	59,94'	4180	4202	10,7	358	"	"	"	"	"	"	



Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth [m]	Depth [fms]	Speed [km]	Course [°]	Pulse	Rec Length	Wait Time	Pero Nr.	Dist Nr.	Waddy	Comments
15.02.03	00:45	54° 22.70	22° 59.97'	3976	3976	10.9	358	2	266	0	9	5	Thomas S.	schwache Reflexion
	01:00	20.04	59.96'	3824	3817	11.0	358	"	"	"	"	"	"	
	:15	17.50	59.96'	3641	3674	10.9	358	"	"	"	"	"	"	
	:30	14.72	59.93'	3772	3828	11.2	358	"	"	"	"	"	"	
	:45	12.06	59.95'	3832	3869	11.0	358	"	"	"	"	"	"	
	02:00	09.34	59.96'	3813	3877	10.6	359	"	"	"	"	"	"	02:05 abrupter Farnwechsel
	:15	06.70	59.97'	3764	3787	10.8	0	"	"	"	"	"	"	
	:30	03.87	59.92'	3740	3753	11.0	359	"	"	"	"	"	"	02:50 starke Reflexion
	:45	01.00	59.97'	3964	3984	11.4	0	"	"	"	"	"	"	
	03:00	53 58.62	23° 09.51	4063	3976	10.8	32	"	"	"	"	"	"	
	03:07	57.26	02.92	3854	3875	2.2	357	"	"	"	"	"	"	Station 063/149 Plattenwechsel 5-33 Ende Station
	12:06	53° 57.44	23° 02.73	3859	3878	6.7	316	"	"	0	"	3	Conny	
	:15	56.25	02.22	3857	3879	10.1	355	"	"	"	"	"	"	
	:30	53.57	01.82	3883	3896	10.8	354	"	"	"	"	"	"	
	:45	50.86	01.40	3716	3738	10.9	353	"	"	"	"	"	"	
	13:00	48.15	00.90	3646	3674	10.8	351	"	"	"	"	"	"	
	:15	45.41	00.43	3268	3286	10.9	353	"	"	"	"	"	"	
	:30	42.67	22° 59.93	3273	3288	11.0	358	"	"	"	"	"	"	
	:45	39.95	59.97	3125	3149	10.9	357	"	"	"	"	"	"	
	14:00	37.20	59.97	2939	3006	11.0	359	"	"	"	"	"	"	
	:15	34.45	59.96	3217	3244	11.1	358	2	266	0	"	3	Thomas W.	
	:30	31.73	59.96	3368	3389	11.2	358	"	"	"	"	"	"	
	:45	29.89	23° 00.18	3069	3105	0.8	51	"	"	"	"	"	"	14:42 Station 63/150
	17:00	53° 29.32	23° 00.37	3108	3126	6.8	1	"	"	0	"	"	"	
	:15	26.83	22° 59.95		2767	11.2	358	"	"	"	"	"	"	
	:30	23.85	59.97	2803	2816	11.7	1	"	"	"	"	"	"	
	:45	21.14	59.96	3139	3217	10.9	0	"	"	"	"	"	"	
	18:00	18.47	59.96		3530	10.5	0	"	"	"	"	"	"	
	:15	15.67	59.96	3825	3799	11.1	1	"	"	"	"	"	"	
	:30	12.82	59.96	3388	3507	11.1	0	"	"	"	"	"	"	
	:45	10.14	59.96	4139	4407	11.3	1	"	"	"	"	"	"	
	19:00	07.21	59.95	0	3640	11.3	1	"	"	"	"	"	"	
	:15	04.31	59.96	2661	2634	11.3	1	"	"	"	"	"	"	
	:30	01.42	59.96	0	2374	11.7	0	"	"	"	"	"	"	
	:40	53° 00.05	23° 00.05	0	1962	2.5	318	"	"	60.0	"	"	"	Bremsbeginn für Station 63/152-1: 19:34 Station

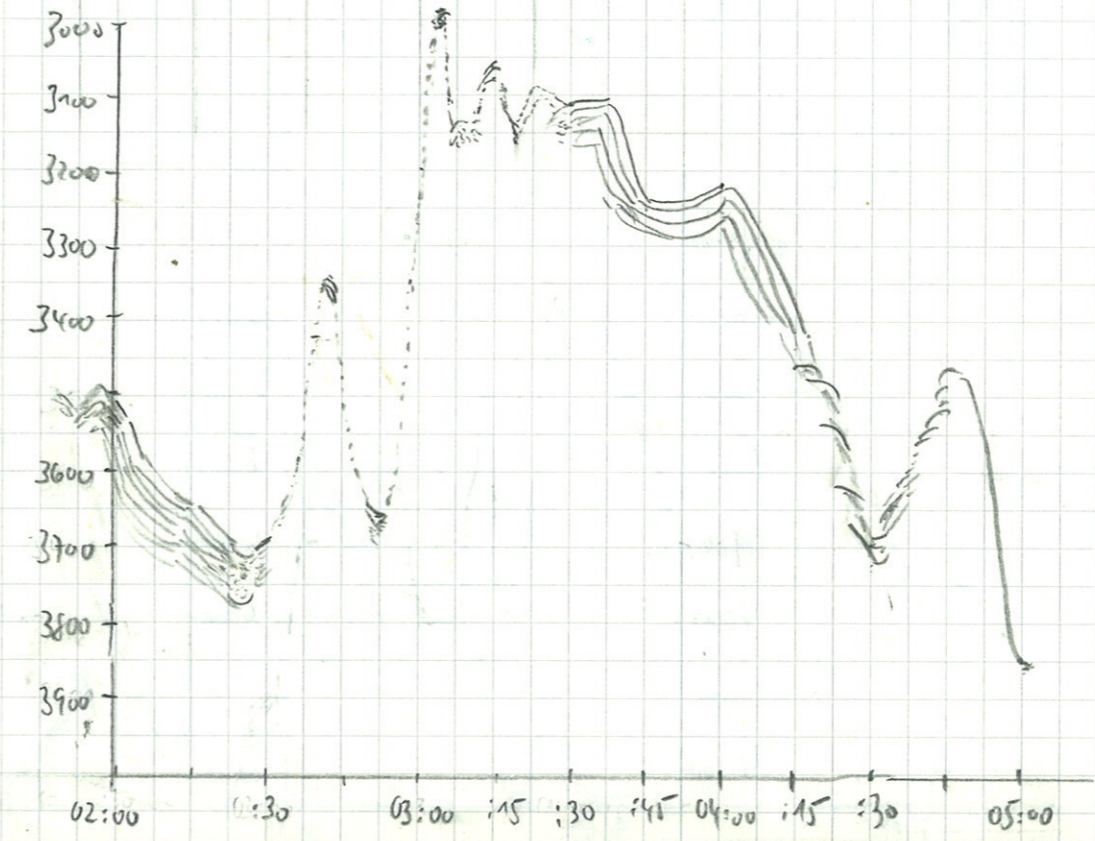
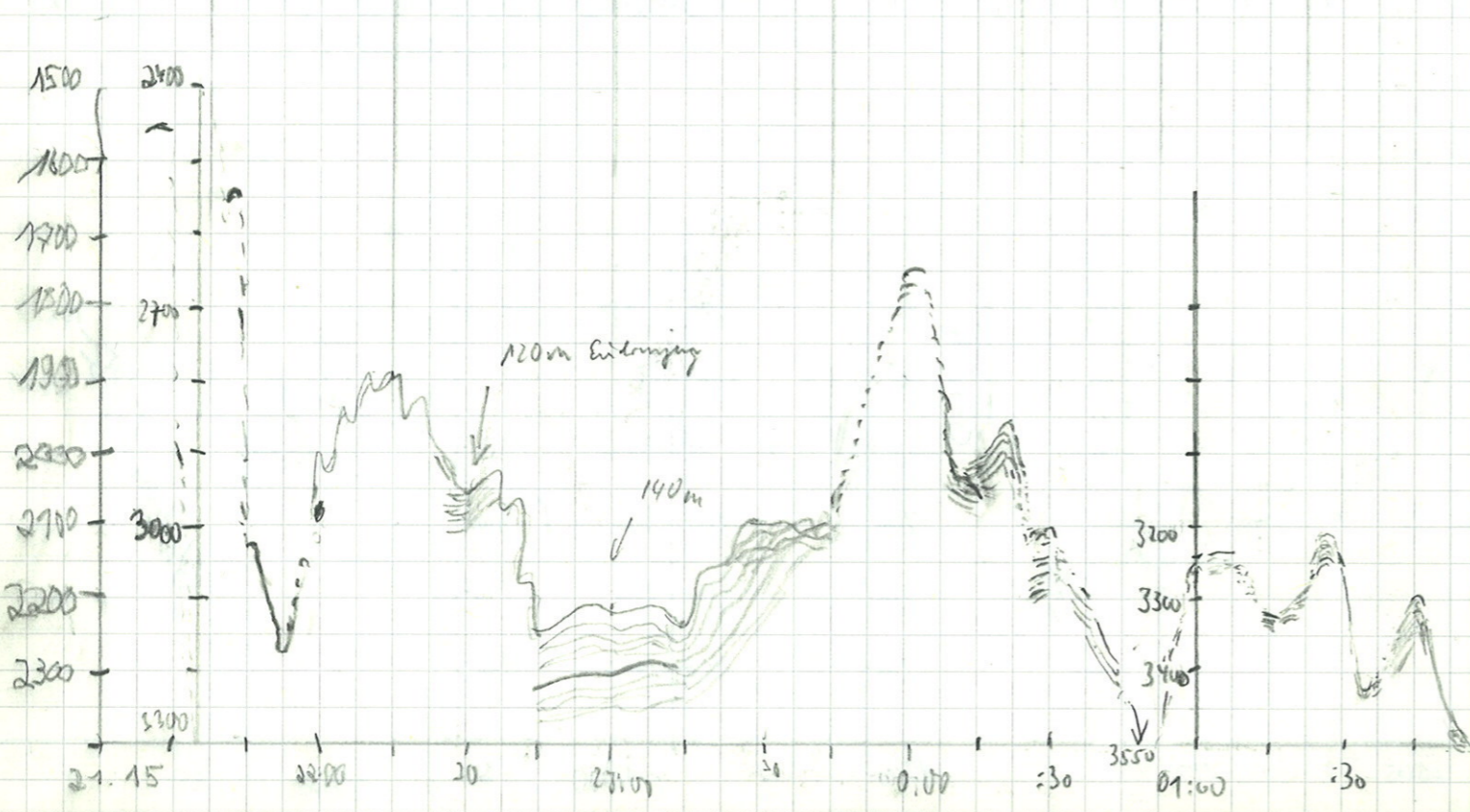


104 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec Length	Wait Time	Deso Nr.	Dirk Nr.	Watch	Comments
15.01.03	21:16	52° 59.94	22° 58.80	2990	1971	7.8	282	2	266	0	9	3	MF	Ende Station 152
	21:30	52° 58.22	22° 58.81	0	1797	11.0	17	"	"	"	"	"	"	
	21:45	52° 57.57	59.84	0	2928	10.9	6	"	"	"	"	"	"	
	22:00	52° 52.52	22° 59.96	2900	2915	11.2	0	"	"	"	"	"	Christa	
	22:15	52° 49.75	22° 59.96	2790	2855	11.4	1	"	"	"	"	"	"	
	30	52° 46.94	22° 59.96	2950	2982	10.7	2	"	"	"	"	"	"	
	45	52° 44.10	22° 59.95	3154	3124	11.6	2	"	"	"	"	"	"	
	23:00	41.33	59.96	3077	3102	10.9	3	"	"	"	"	"	"	
	15	52° 38.60	22° 59.99	3124	3144	10.4	3	"	"	"	"	"	"	
	30	52° 35.89	22° 59.97	2997	3025	11.2	358	"	"	"	"	"	"	
	45	52° 33.03	22° 59.76	2797	3177	11.2	357	"	"	"	"	"	"	
16.01.03	00:00	30.08	59.96	2657	2674	10.6	1	"	"	"	"	"	Thomas	
	15	27.70	59.97	2911	2936	10.6	356	"	"	"	"	"	"	
	30	25.00	59.96	3044	3064	10.8	356	"	"	"	"	"	"	
	45	22.33	59.97	3239	3315	11.1	359	"	"	"	"	"	"	
	01:00	19.38	59.97	3244	3296	11.1	358	"	"	"	"	"	"	
	15	16.87	59.96	3319	3334	10.6	358	"	"	"	"	"	"	
	30	14.20	59.95	3240	3307	10.5	358	"	"	"	"	"	"	
	45	11.41	59.97	3301	3322	11.0	359	"	"	"	"	"	"	
	02:00	08.77	59.95	3527	3543	10.7	358	"	"	"	"	"	"	
	15	05.75	59.97	3656	3668	10.4	356	"	"	"	"	"	"	
	30	01.89	59.95	3647	3674	11.2	359	"	"	"	"	"	"	
	45	00.07	59.95	3385	3424	10.9	348	"	"	"	"	"	"	
	03:00	57.59	59.98	3250	3283	10.9	345	"	"	"	"	"	"	
	15	54.24	57.89	3040	3060	11.5	345	"	"	"	"	"	"	
	30	52.01	57.08	3103	3118	11.1	350	"	"	"	"	"	"	
	45	49.62	56.21	3089	3103	5.9	342	"	"	"	"	"	"	
	04:00	48.47	22 55.79	3216	3217	5.6	349	"	"	"	"	"	"	
	15	46.84	55.15	3443	3465	11.5	350	"	"	"	"	"	"	
	30	44.79	54.48	3778	3743	11.8	349	"	"	"	"	"	"	
	45	42.41	53.65	3464	3516	11.7	347	"	"	"	10	5	Rosin	
	05:00	39.77	52.67	3858	3878	10.0	345	"	"	"	"	"	"	

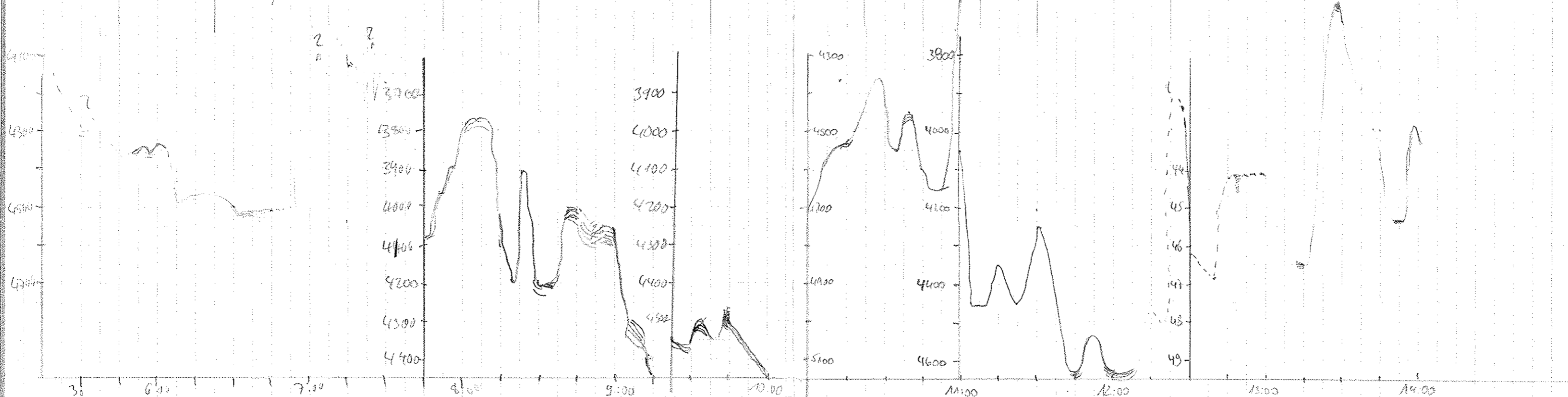
Kurswechsel 359 → 345 02:48

CD 27
CD 28

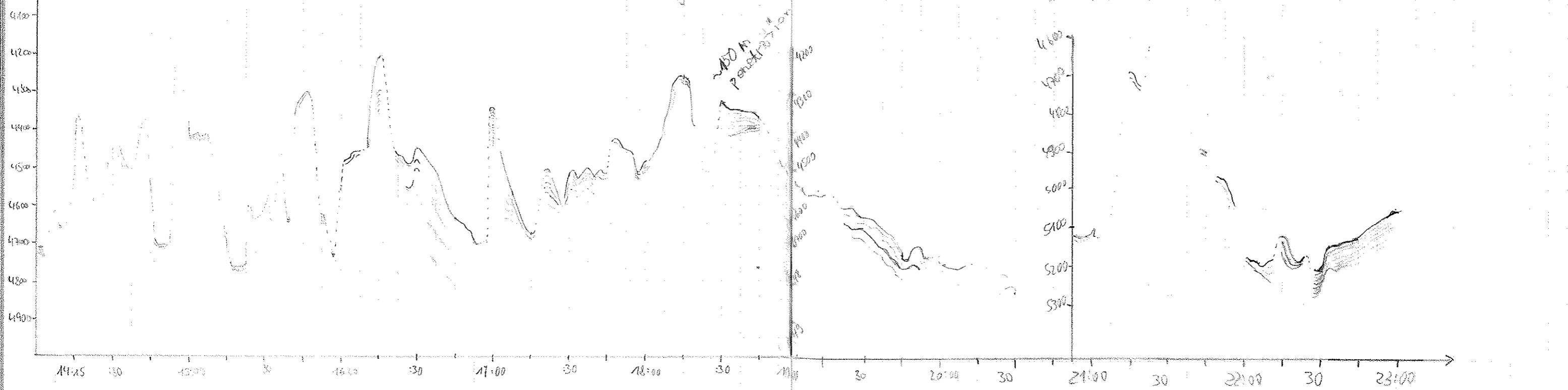
Resowechsel 04:32



Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth MS [m]	Speed [km]	Course [°]	Pulse	Rec Time	Wait Time	Dev No.	Diik No.	Wetels	Comments	107	
16.01.2005	05:15	51° 36,43	22° 51,52	-	4155	15,0	345	2	266	0	10	5	Reg	ke ra kel leveren		
	1:30	32,99	50,24	4309	4330	15,5	347	"	"	"	"	"	"	"		
	1:45	29,22	48,93	(3582)	4384	16,2	345	"	"	"	"	"	"	"		
	06:02	25,11	47,47	4347	4376	14,9	330	"	"	"	"	"	"	"	wieder besser	
	1:15	23,20	46,43	4486	4502	14,6	346	"	"	"	"	"	"	"		
	1:30	18,42	45,18	4500	4520	14,9	348	"	"	"	"	"	"	"		
	1:45	15,15	43,93	4504	4520	15,3	307	"	"	"	"	"	"	"		
	1:04	09,09	42,56	3839	3930	14,8	345	"	"	"	"	"	"	"	PS-Tiefe viel fächer, viel wauf 8 punkte	
	1:15	07,85	41,33	(3540)	4191	14,2	350	"	"	"	"	"	"	"		
	1:30	04,00	39,95	(4170)	4180	15,3	345	"	"	"	"	"	"	"		
	1:45	00,22	38,61	4046	3983	14,5	347	"	"	"	"	"	"	"		
	08:05	50° 56,09	22° 37,25	3756	3775	13,1	35	"	"	"	"	"	"	Geol		
	1:15	54,07	36,91	-	4111	13,8	347	"	"	"	"	"	"	"	"	
	1:30	50,85	35,27	4197	4240	13,6	347	"	"	"	"	"	"	"	"	
	1:45	47,61	33,84	4015	4039	14,9	352	"	"	"	"	"	"	"		
	09:00	44,26	32,92	4144	4166	14,4	351	"	"	"	"	"	"	Reg		
	1:15	40,94	32,09	4542	4562	13,5	348	"	"	"	"	"	"	Geol		
	1:30	37,52	31,33	4579	4591	13,1	356	"	"	"	"	"	"	"		
	1:45	34,04	30,58	4473	4502	13,5	348	"	"	"	"	"	"	"		
	16.1.03	10:00	50° 30,77'S	22° 29,55'E	4685	4700	13,2	348	2	266	0	10	5	NL		
1:15		27,43	28,15	4525	4537	14,2	345	"	"	"	"	"	"	"		
1:30		24,07	26,78	-	4408	14,5	345	"	"	"	"	"	"	"		
1:45		20,84	25,42	-	4623	14,6	340	"	"	"	"	"	"	"		
11:00		50° 17,21'S	22° 23,90'E	-	4199	15,2	343	"	"	"	"	"	"	"		
1:15		14,10	22,45	-	4375	14,5	350	"	"	"	"	"	"	"		
1:30		10,33	21,19	-	4239	14,5	345	"	"	"	"	"	"	"		
1:45		07,34	20,16	-	4630	14,4	348	"	"	"	"	"	"	"		
12:00		04,06	19,02	(3930)	4639	15,1	349	"	"	"	"	"	"	Wolfgang		
1:15		00,75	17,88	(3903)	4467	14,8	350	"	"	"	"	"	"	"		
1:30		49° 57,45	16,73	-	4226	14,7	351	"	"	"	"	"	"	"		
1:45		54,04	15,56	4618	4638	15,0	348	"	"	"	"	"	"	"		
13:00		50,64	14,37	(4588)	4426	13,0	353	"	"	"	"	"	"	"		
1:15		47,32	13,25	(3913)	4653	14,9	344	"	"	"	"	"	"	"		
1:30	43,59	12,09	(3530)	4030	14,2	344	"	"	"	"	"	"	"			
1:45	40,06	10,94	(3538)	4387	13,9	351	"	"	"	"	"	"	"			
14:00	37,34	09,83	-	4366	14,2	346	"	"	"	"	"	"	"			



108 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec. Time	Wait Time	Deso Nr.	Disk Nr.	Wardh	Comments	109		
16.01.03	14:15	49° 33,90	22° 08,64	4662	4524	14,4	346	2	266	0	10	5	Conny	PS-Tiefe oft falsch, hoch + runter ↳ oder gar keine Fluzige			
	:30	30,53	07,48	3877	4485	13,4	347	"	"	"	"	"	"				
	:45	27,14	06,32	4289	4645	13,9	347	"	"	"	"	"	"				
15:00	23,70	05,15	3913	4395	14,7	344	"	"	"	"	"	"	"				
	:15	20,25	03,96	4439	4759	13,4	348	"	"	"	"	"	"				
	:30	16,79	02,82	4214	4594	13,7	345	"	"	"	"	"	"				
	:45	13,34	01,64	4314	4343	14,2	341	"	"	"	"	"	"				
16:00	09,81	00,42	(3841)	4571	4571	15,2	340	2	266	0	"	5	Thomas			"	"
	:15	06,28	21° 59,21	4259	4288	14,3	350	"	"	"	"	"	"				
	:30	02,75	58,04	(4288)	4486	14,4	346	"	"	"	"	"	"				
	:45	48° 59,24	56,85	(4289)	4661	14,9	349	"	"	"	"	"	"		bis 200m (!) schwache Reflektionen oder Artefakte		
17:00	55,82	55,70	(4288)	4437	14,3	349	"	"	"	"	"	"	"				
	:15	52,37	54,51	4678	4697	14,3	343	"	"	"	"	"	"				
	:30	48,92	53,37	(3839)	4581	13,4	342	"	"	"	"	"	"				
	:45	45,48	52,20	4514	4533	14,7	351	"	"	"	"	"	"				
18:00	42,04	51,06	4485	4506	13,1	355	"	"	"	"	"	"	"				
	:15	38,63	49,87	-	4288	14,6	350	"	"	"	"	"	"				
	:30	35,29	48,75	4267	4341	13,4	350	"	"	"	"	"	"				
	:45	31,89	47,62	4364	4409	14,5	347	"	"	"	"	"	"				
19:00	28,60	46,53	-	4421	4421	13,3	345	"	"	"	"	"	"				
	:15	25,25	45,41	4592	4592	12,7	344	"	"	"	"	"	"				
	:30	21,73	44,24	4640	4662	12,6	347	"	"	"	"	"	"				
	:45	18,63	43,21	-	4745	12,9	340	"	"	"	"	"	"				
20:00	48° 15,39	21° 42,13	4702	4733	13,4	349	"	"	"	"	"	"	"				
	:15	12,01	40,99	0	4672	12,7	341	"	"	"	"	"	"				
	:30	08,80	39,93	0	4760	13,6	347	"	"	"	"	"	"				
	:45	05,07	38,68	0	5130	12,7	344	"	"	"	"	"	"				
21:00	02,44	37,82	0	5244	5244	12,5	355	"	"	"	"	"	"				
	:15	47° 59,35	36,79	0	4695	12,3	348	"	"	"	"	"	"				
	:30	55,94	35,64	0	4627	13,1	348	"	"	"	"	"	"				
	:45	53,15	34,74	0	4896	12,4	346	"	"	"	"	"	"				
22:00	50,09	33,70	5039	5039	11,7	346	"	"	"	"	"	"	"				
	:15	47,09	32,70	0	5071	12,4	343	"	"	"	"	"	"				
	:30	44,06	31,73	5189	5189	12,2	348	"	"	"	"	"	"				
	:45	41,14	30,47	5125	5125	12,2	348	"	"	"	"	"	"				
23:00	38,20	29,47	5059	5059	11,9	343	"	"	"	"	"	"	"				



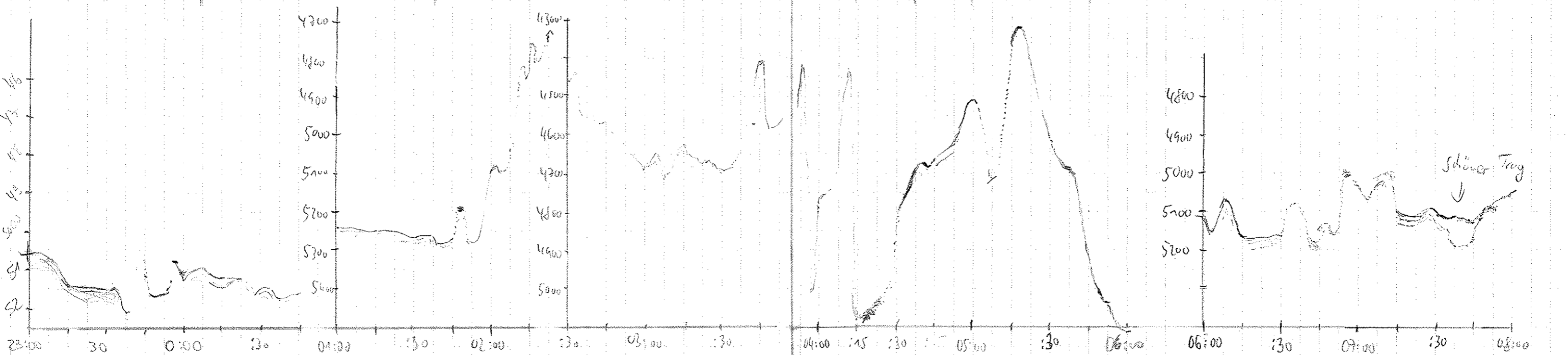
110 Date	Time UTC	Latitude °S	Longitude °E	Depth PS [m]	Depth MS [m]	Speed [km]	Course [°]	Pulse	Rec. Time	Wait time	Deso. Nr.	Disk Nr.	Watch	Comments
16.1.03	23:15	47° 35' 13"	29° 22' 48"	5112	5160	13.1	348	2	266	0	10	5	Matze	
	30	22,30	27,24	5150	5172	11.9	346	"	"	"	"	"	"	
	45	29,44	26,89	4138	5176	11.9	347	"	"	"	"	"	"	
17.01.03	01:00	26,43	25,93	5098	5120	13.1	343	"	"	"	11	"	Thomas L.	
	15	23,49	24,97	5114	5206	12,6	349	"	"	"	"	"	"	
	30	20,45	23,96	5113	5273	12,4	332	"	"	"	"	"	"	0:35 Reset Parasound da F-ct. läuft...
	45	17,30	22,93	5160	5288	12,7	319	"	"	"	"	"	"	
	01:00	14,41	21,98	5114?	5244	13,0	350	"	"	"	"	"	"	PS-Tiefen weiterhin generell zu niedrig
	15	11,49	21,03	5230	5249	11,1	343	"	"	"	"	"	"	Parasound auf Einm. 11 Δ = 150 m
	30	08,52	20,06	5264	5303	13,2	345	"	"	"	"	"	"	
	45	05,50	19,08	5254	5277	12,8	345	"	"	"	"	"	"	
	02:00	02,44	18,08	5125	5263	12,4	339	"	"	"	"	"	"	
	15	46° 59,10	17,00	4138?	4769	12,8	348	"	"	"	"	"	"	
	30	56,33	16,10	4460	4501	12,5	347	"	"	"	"	"	"	
	45	53,07	15,03	4289	4586	12,7	348	"	"	"	"	"	"	
	03:00	50,24	14,12	4680	4697	12,6	346	"	"	"	"	"	"	
	15	47,07	13,11	4662	4679	12,4	344	"	"	"	"	"	"	
	30	43,07	12,06	4556	4692	12,4	344	"	"	"	"	"	"	
45	40,01	11,06	4389	4419	11,3	344	"	"	"	"	"	"		
04:00	37,48	09,98	4773	4768	11,1	347	"	"	"	"	"	"		
15	33,94	08,84	4885	5109	12,9	346	"	"	"	"	"	"		
30	30,66	07,80	4580?	4809	13,2	347-	"	"	"	"	"	"		
45	27,52	06,77	4649	4675	13,5	347	"	"	"	"	"	"		
05:00	24,22	05,70	4874	4990	13,8	345	"	"	"	"	"	"		
15	21,06	04,70	4350	4377	13,7	347	"	"	"	"	"	"		
30	17,80	03,64	4515?	4622	13,6	346	"	"	"	"	"	"		
45	14,37	02,54	4739?	4935	14,3	346	"	"	"	"	"	"		
06:00	11,10	01,50	5028	5138	14,0	346	"	"	"	"	"	"		
15	07,58	29° 00,36	5038	5183	13,8	352	"	"	"	"	"	"		
30	04,42	20° 59,36	5174	5256	13,1	340	"	"	"	"	"	"		
45	00,85	58,29	5189	5279	13,2	345	"	"	"	"	"	"		
07:00	56,97	56,96	4138?	5049	13,5	346	"	"	"	"	"	"		
15	54,34	56,13	5095	5109	14,6	349	"	"	"	"	"	"		
30	51,00	55,04	5107	5123	13,7	348	"	"	"	"	"	"		
45	47,51	53,95	5115	5139	13,4	349	"	"	"	"	"	"		
08:00	43,98	52,83	4934	4981	13,4	348	"	"	"	"	"	"		
15	41,40	20,51	4889	4923	13,7	345	"	"	"	"	"	"		

0:35 Reset Parasound da F-ct. läuft...
 PS-Tiefen weiterhin generell zu niedrig
 Parasound auf Einm. 11 Δ = 150 m
 sehr schwache Reflexionen (nur zu sehen)

Kann Reflexionen
 ↓

Schwerer Trog

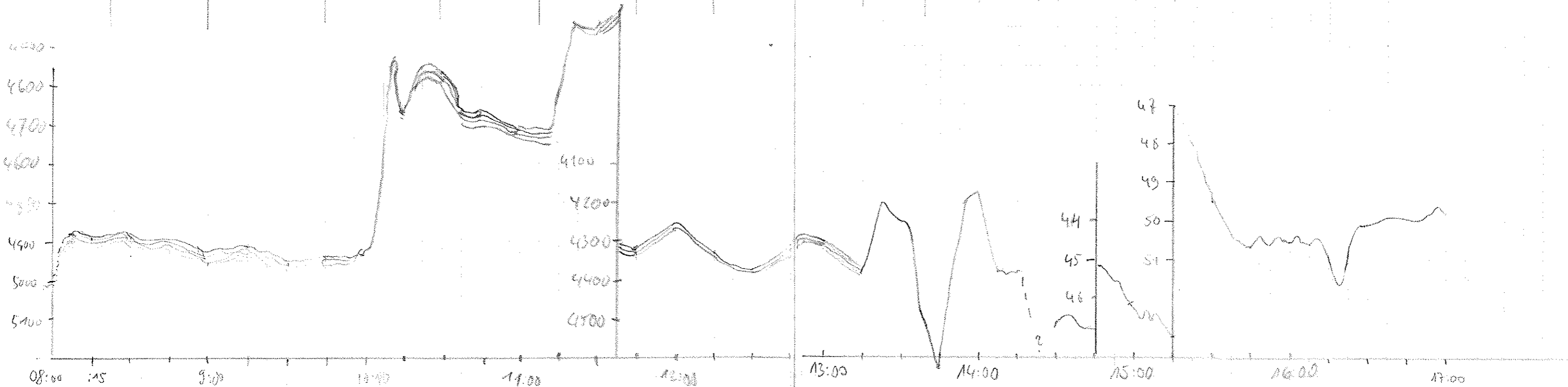
Chimera



112 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec Time	Wait Time	Dev No	Disk No	Wards	Comments	
17.01.03	8:00	45°37.51	20°50.77	4858	4878	13.9	345	2	266	0	10	5	Chapman		
	75	45°33.87	20°49.62	4671	4740	14.0	347	"	"	"	"	"	"		
	9:00	45°20.66	20°48.60	-	4962	13.5	347	"	"	"	"	"	"		
	15	45°27.38	20°47.56	4964	4917	13.9	347	"	"	"	"	"	"		
	30	45°22.87	20°46.45	4964	4946	14.0	347	"	"	"	"	"	"		
	45	45°20.11	20°45.23	4940	4957	13.6	357	"	"	"	"	"	"		
	10:00	45°17.11	20°44.33	4931	4948	14.1	351	"	"	"	"	"	"		
	15	45°13.49	20°44.08	-	4682	13.9	359	"	"	"	"	"	"	Gerd	
	30	45°10.35	20°43.87	4586	4602	13.3	358	"	"	"	"	"	"	"	
	45	45°06.90	20°43.65	4689	4715	13.2	357	"	"	"	"	"	"	"	
	11:00	45°03.58	20°43.43	4712	4733	13.5	358	"	"	"	"	"	"	"	
	15	45°00.27	20°43.20	-	4610	13.5	356	"	"	"	"	"	"	"	
	30	44°56.65	20°42.99	4465	4473	13.2	357	"	"	"	"	"	"	"	
	45	44°53.78	20°42.80	4310	4329	12.9	358	"	"	"	"	"	"	"	
	17.1.03	12:00	44°50.61'S	20°42.59'E	4251	4268	13.3	358	2	266	0	10	2	NL	
		15	44°47.36	20°42.42	4327	4345	12.6	359	"	"	"	"	"	"	
		30	44°44.11	20°42.23	4354	4370	12.7	355	"	"	"	"	"	"	
45		44°40.92	20°42.04	4302	4322	12.2	356	"	"	"	"	"	"		
13:00		44°37.82'S	20°41.96'E	4291	4311	12.8	6	2	266	0	10	2	NL		
15		44°34.66	20°41.79	4388	4399	12.4	7	"	"	"	"	"	"		
30		44°31.51	20°41.62	4256	4269	12.5	6	"	"	"	"	"	"		
45		44°28.37	20°41.45	4628	4635	13.0	7	"	"	"	"	"	"		
14:00		44°25.13	20°41.28	4169	4191	13.1	7	2	266	0	10	2	Wolf Bay		
15		44°22.01	20°41.11	4379	4440	14.5	5	"	"	"	"	"	"		
30		44°18.67	20°40.94	(3885)	4515	12.4	5	"	"	"	"	"	"		
45		44°15.87	20°40.77	4326	4546	13	5	"	"	"	"	"	"		
15:00		44°12.52	20°40.60	4615	4631	12	2	"	"	"	"	"	"		
15		44°09.44	20°40.43	4695	4718	12.5	2	"	"	"	"	"	"		
30		44°06.30	20°40.26	(4189)	4941	13.2	5	"	"	"	"	"	"		
45		44°03.09	20°40.09	(4173)	5070	12.4	3	"	"	"	"	"	"		
16:00		43°59.92	20°39.92	5054	5070	12.8	3	1	"	"	"	"	"	Tritonische Doolgebäuden	
15	43°56.70	20°39.75	5094	5124	13.0	4	"	"	"	"	"	"	Conny		
30	43°53.43	20°39.58	5012	5035	13.1	4	"	"	"	"	"	"			
45	43°50.18	20°39.41	4997	5013	13.6	5	"	"	"	"	"	"			
17:00	43°46.88	20°39.24	4975	4994	13.3	4	"	"	"	"	"	"			

CD29
CD30

10:34

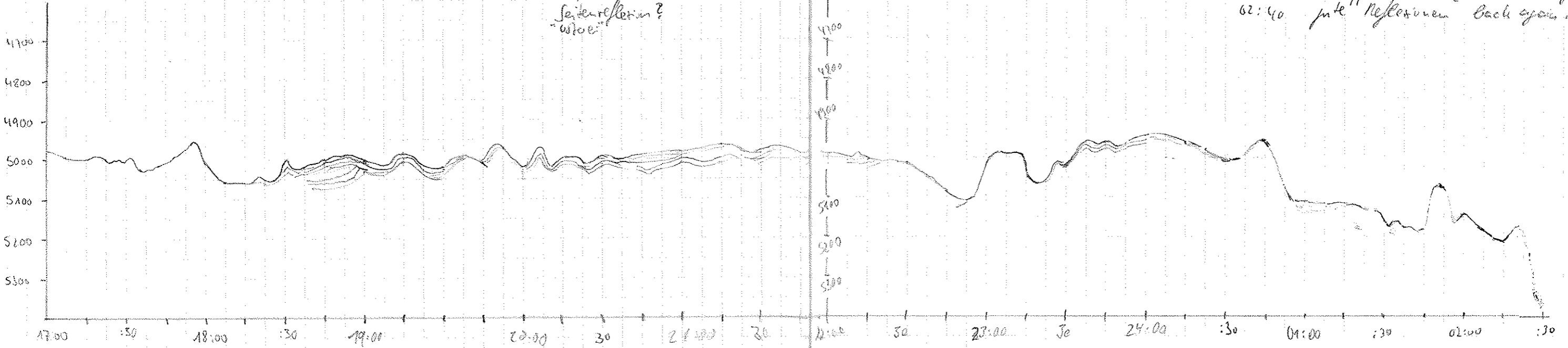



114 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec Time	Went Time	Deso No	Disk No	Watch	Comments
17.1.03	17:15	43° 43.54	20° 48.31	4998	5017	12.9	2	2	266	0	10	2	Conny	
	130	40.29	46.67	5005	5020	13.3	1	"	"	"	"	"	"	
	145	37.06	49.01	5004	5024	13.8	4	"	"	"	"	"	"	
18:00		33.80	49.37	5015	5037	13.3	6	"	"	"	"	"	"	
	15	30.54	49.72	5055	5109	13.0	6	2	266	0	"	2	Thomas U.	
	30	27.24	50.15	5003	5025	13.4	1	"	"	"	"	"	"	
	45	23.98	50.40	5004	5025	13.4	3	"	"	"	"	"	"	
19:00		20.62	50.86	4995	5011	13.7	5	"	"	"	"	2	Gerd	
	15	17.33	51.21	4992	4992	13.0	8	"	"	"	"	"	"	
	30	14.12	51.53	5034	5025	13.7	6	"	"	"	"	"	"	
	45	10.79	51.87	5014	5028	12.5	6	"	"	"	"	"	"	
20:00		07.50	52.21	5019	5044	13.0	4	"	"	"	"	"	"	Thomas U.
	15	04.44	52.46	4984	5003	13.2	1	"	"	"	"	"	"	Sybil
	30	01.22	52.76	5011	5019	12.8	6	"	"	"	"	"	"	"
	45	57.84	52.74	4994	5013	12.8	340	"	"	"	"	"	"	"
21:00		55.20	51.40	4984	5002	13.0	339	"	"	"	"	"	"	"
	15	52.17	50.41	4967	4984	12.3	349	"	"	"	"	"	"	"
	30	48.71	49.71	4972	4995	12.3	351	"	"	"	"	"	"	"
	45	46.10	49.14	4981	4993	12.4	350	"	"	"	"	"	"	"
22:00		42.86	48.44	4993	5011	12.2	351	"	"	"	"	"	"	Christina
	15	42° 39.37	20° 47.68	4993	5015	11.8	350	"	"	"	"	"	"	"
	30	42° 37.00	20° 47.16	5017	5038	12.2	340	"	"	"	"	"	"	"
	45	34.05	46.54	0	5092	12.6	349	"	"	"	"	"	"	Claudia
23:00		31.10	45.90	4446	5021	12.8	346	"	"	"	"	"	"	"
	15	28.02	45.19	5023	5051	12.1	352	"	"	"	"	"	"	"
	30	24.90	44.55	4998	5027	11.9	355	"	"	"	"	"	"	"
	45	21.78	43.87	4942	4958	12.2	354	"	"	"	"	"	"	"
18.01.03	0:00	18.49	43.16	4935	4958	12.7	350	"	"	"	"	"	"	"
	15	15.71	42.59	4966	5004	11.6	353	"	"	"	"	"	"	Thomas U.
	30	12.68	41.92	5003	5017	12.3	351	"	"	"	"	"	"	"
	45	09.60	41.27	4964	5009	12.3	354	"	"	"	"	"	"	"
01:00		06.25	40.55	5112	5148	13.0	357	"	"	"	"	"	"	"
	15	03.50	39.96	5109	5126	12.5	353	"	"	"	"	"	"	"
	30	00.49	39.29	5156	5180	12.2	351	"	"	"	"	"	"	"
	45	49° 57.01	38.57	5144	5162	12.6	350	"	"	"	"	"	"	"
02:00		54.18	37.96	5137	5166	12.7	354	"	"	"	"	"	"	"
	15	51.11	37.31	5208	5234	12.7	345	"	"	"	"	"	"	"
	30	47.40	36.47	5338?	5480?	12.7	349	"	"	"	"	"	"	"

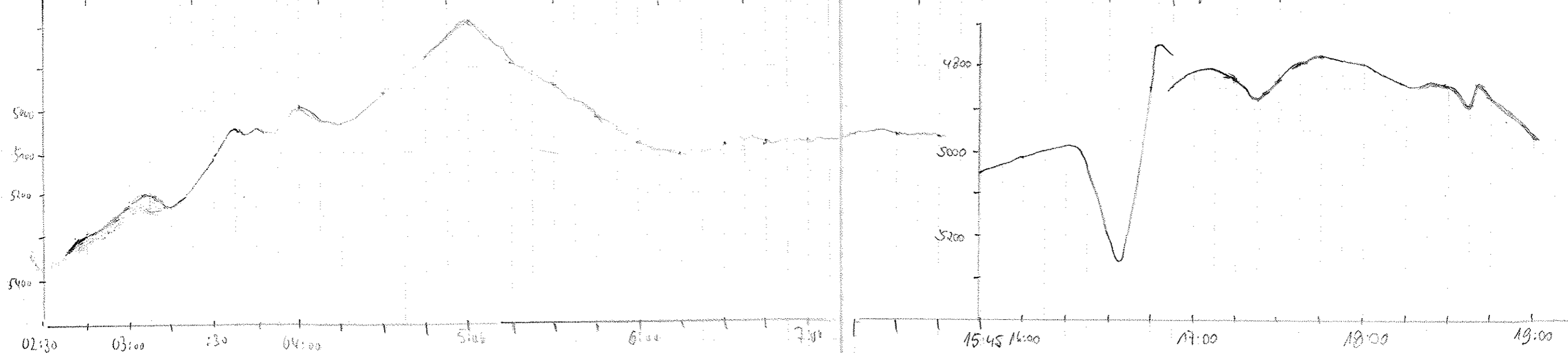
Seitenreflexion?
"wider"

ab 02:18 keine Reflexionen mehr
erst 02:26 sehr diffuse Einträge & 150m Referenz
02:40 gute Reflexionen back again!

030



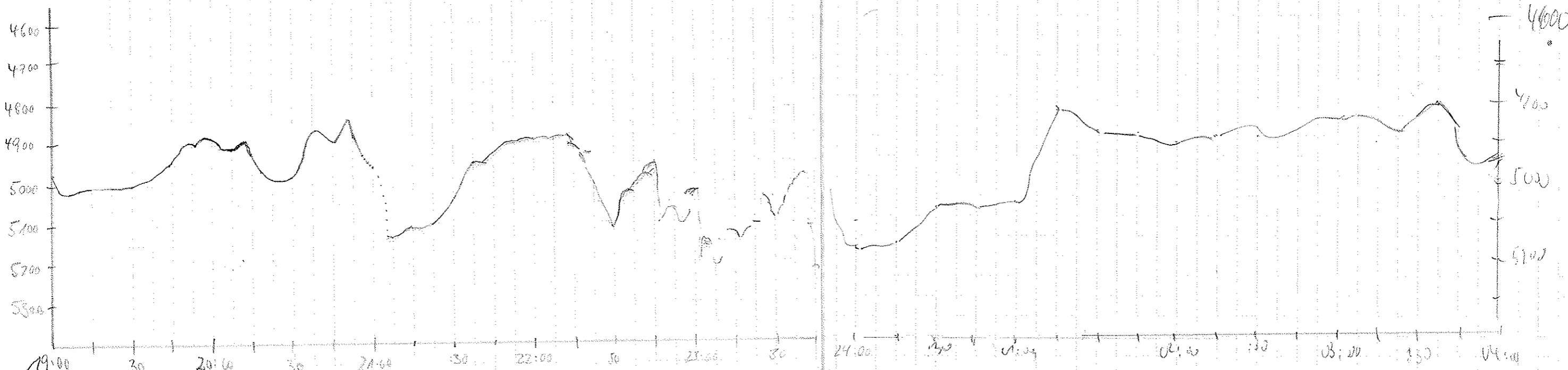
Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Pulse	Rec Time	Wait Time	Deso No.	Disk No.	Water	Comments
18.01.03	02:45	41° 44,82'	20° 35,96'	5299	5318	13.0	350	2	266	0	10	2	Thomas S.	
	03:00	41 41,81'	35,39	5227	5230	12,8	350	"	"	"	"	"	"	
	03:18	37,91	34,47	5208	5227	12,2	348	"	"	"	"	"	"	
	03:30	35,51	33,57	5176	5133	12,2	349	"	"	"	"	"	"	
	03:45	32,28	27,29	5038	5057	13,4	352	"	"	"	"	"	"	
	04:05	28,05	32,39	4982	5005	12,9	350	"	"	"	"	"	"	Kamm Einbringen
	04:15	26,99	31,99	5041	5056	13,0	350	"	"	"	"	"	"	
	04:30	22,98	31,31	4961	4973	13,1	351	"	"	"	"	"	"	
	04:45	20,06	30,89	4865	4878	12,7	352	"	"	"	"	"	"	
	05:02	16,38	29,91	4797	4826	11,8	352	"	"	"	"	"	"	
	05:15	13,77	29,36	4777	4898	12,7	351	"	"	"	"	"	"	
	05:25	11,76	28,93	4466	4965	12,5	350	"	"	"	"	"	"	
	05:45	07,55	28,04	5023	5024	13,1	350	"	"	"	"	"	"	
	06:02	03,76	27,24	5080	5097	13,2	350	"	"	"	"	"	"	
	06:14	01,40	26,75	5102	5119	13,7	344	"	"	"	"	"	"	
	06:35	40° 56,71	25,76	5087	5109	13,1	353	"	"	"	"	"	"	alles platt bis hier, dann
	06:45	54,80	25,34	5090	5114	13,1	349	"	"	"	"	"	"	so was  gestört
	07:07	49,42	24,32	5068	5087	13,4	351	"	"	"	"	"	"	
	07:17	47,73	23,86	5054	5071	13,1	352	"	"	"	"	"	"	
	07:30	45,22	23,34	5053	5076	13,5	352	"	"	"	"	"	"	
	07:45	41,69	22,59	5058	5076	12,7	350	"	"	"	"	"	"	
	07:57	40,52	22,50	5072	5073	1,4	110	"	"	60	"	"	"	
	09:59	39,89	23,64	5067	5085	1,1	344	"	"	60	"	3	"	
18.01.03	15:45	40° 39,42'S	20° 25,23'E	5050	5068	4,3	3	2	266	0	10	3	NL	Ende Station 182
	16:00	38,05	25,63	5013	5030	6,6	14	"	"	"	"	"	"	
	16:15	36,27	25,85	4988	5014	6,1	6	"	"	"	"	"	"	
	16:30	34,68	25,82		5224	6,3	0	"	"	"	"	"	"	
	16:45	33,11	25,90	4804	4818	6,8	352	"	"	"	"	"	"	
	17:00	31,53	25,94	4819	4842	7,0	6	"	"	"	"	"	"	
	17:15	29,76	26,11	4818	4854	7,8	353	"	"	"	M	"	Vollgang	
	17:30	28,11	25,89	4833	4853	5,2	350	"	"	"	"	"	"	Desowecher L 17.15 10 → 11
	17:45	25,65	24,09	4773	4800	9,5	324	"	"	"	"	"	"	
	18:00	24,72	23,28	0	4815	7,9	350	"	"	"	"	"	"	
	18:15	22,96	21,89	4845	4859	9,3	324	"	"	"	"	"	"	
	18:30	21,16	20,35	4836	4855	8,3	327	"	"	"	"	"	"	
	18:45	19,29	18,74	4879	4877	7,7	327	"	"	"	"	"	"	



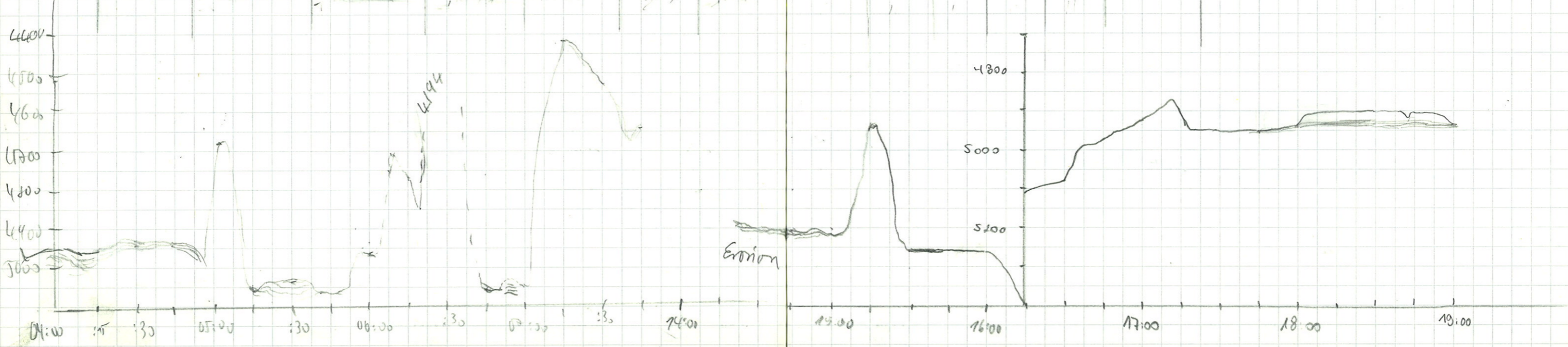
118 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec Time	Wait Time	Deso No.	Disk No.	Watch	Comments
18.01.03	19:00	40° 17.49	20° 17.44	4971	4992	8.7	334	2	266	0	11	3	Sylvia	
	19:15	15.40	16.08	5007	5026	8.7	355	"	"	"	"	"	Conny	
	19:30	13.30	14.99	5000	5020	9.0	342	"	"	"	"	"	"	
	19:45	11.38	12.57	4842	4952	9.6	346	"	"	"	"	"	"	
	20:00	09.24	12.30	4875	4910	8.1	337	"	"	"	"	"	"	
	20:15	07.27	11.01	4925	4940	8.2	327	"	"	"	"	"	"	
	20:30	05.50	09.77	4980	4990	7.6	330	"	"	"	"	"	Thomas!	
	20:45	03.63	08.69	4893	4907	9.0	343	"	"	"	"	"	"	
	21:00	01.58	07.73	4958	5025	7.7	338	"	"	"	"	"	"	
	21:15	39° 59.64	07.00	(4439)	5142	8.4	333	"	"	"	"	"	"	falsche Perisond-Tiefen
	21:30	57.61	06.15	(4437)	5070	9.4	337	"	"	"	"	"	"	
	21:45	55.66	05.17	4931	4960	6.9	329	"	"	"	"	"	"	
	22:00	53.99	03.91	4884	4905	8.0	329	"	"	"	"	"	Sylvia	
	22:15	52.06	02.31	4890	4961	8.3	328	"	"	"	"	"	"	
	22:30	50.06	00.64	4886	5150	8.7	306	"	"	"	"	"	"	
	22:45	48.35	19° 59.12	-	5096	9.1	306	"	"	"	"	"	"	
	23:00	46.88	57.13	4964	5135	9.2	304	"	"	"	"	"	"	
	23:15	45.12	54.87	4437	5154	9.5	324	"	"	"	"	"	"	
	23:30	43.34	52.51	5001	5073	9.9	303	"	"	"	"	"	"	
	23:45	41.81	50.46	5139	5168	10.1	302	"	"	"	"	"	"	
19.01.03	00:00	40.21	48.24	5188	5275	9.4	311	11	11	11	11	11	Uandia	
	00:15	39° 38.02	46.53	5734	5794	9.8	303	"	"	"	"	"	"	Thomas!
	00:30	37.24	43.32	5073	5072	10.2	302	"	"	"	"	"	"	
	00:45	35.91	41.37	5191	5102	9.5	303	"	"	"	"	"	"	
	01:00	34.132	38.36	4849	4829	9.5	307	"	"	"	"	"	"	
	01:15	32.88	36.60	4847	4820	9.5	306	"	"	"	"	"	"	
	01:30	31.833	33.54	4898	4871	9.5	302	"	"	"	"	"	"	
	01:45	30.74	31.64	4961	4915	10.3	285	"	"	"	"	"	"	
	02:00	39 28.86	19° 28.90	5260	4800	9.7	274	"	"	"	"	"	"	
	02:15	27.84	19° 26.02	4946	5602	10.4	274	"	"	"	"	"	"	
	02:30	26.84	21.21	4931	4908	8.1	291	"	"	"	"	"	"	
	02:45	25.59	21.70	4498	5003	8.7	247	"	"	"	"	"	"	
	03:00	39 24.57	19 14.45	5001	5002	8.5	293	"	"	"	"	"	"	
	03:15	23.38	16.86	4881	4899	8.8	295	"	"	"	"	"	"	
	03:30	21.43	14.64	4822	4832	8.6	299	"	"	"	"	"	"	
	03:45	21.25	17.84	4873	4903	8.5	304	"	"	"	"	"	"	
	04:00	20.29	09.50	4921	4966	8.1	293	"	"	"	"	"	"	

falsche Perisond-Tiefen

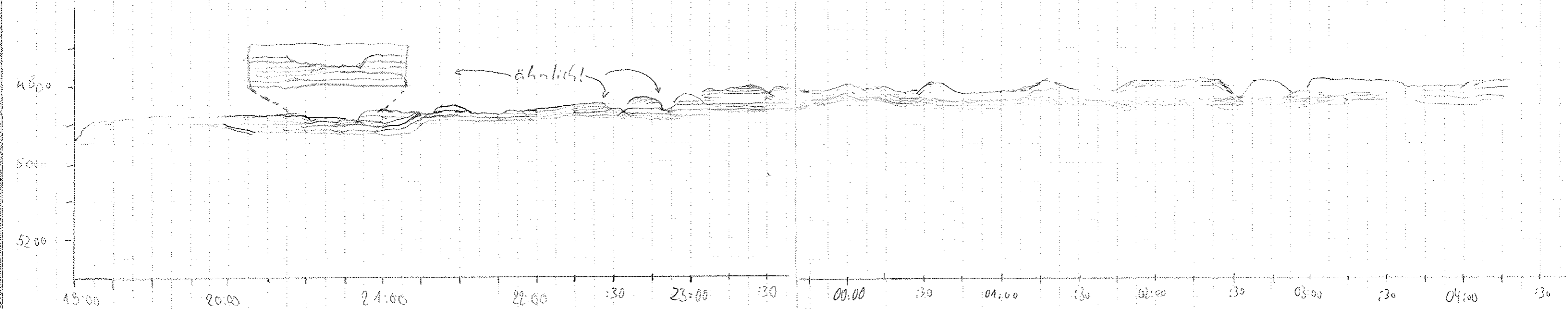
01:57 31
32



Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth (PS Fm)	Depth (HT Fm)	Speed (Knt)	Course [°]	Pulse	Rec Time	W. Part Time	Dep. Dr.	Sik Nr.	Wetzel	Comments
19.10.03	04:15	39° 19,30'	18° 06,93'	4953	4963	7,0	294,1	2	260	0	11	3	Thomas S.	Vorpost, unter Wasser. Schr. Wasser (S...) Seltsames Hügeldom Station 063/198 11:20 PSS am Peterwald 3-5
	:30	18,17	04,40	4942	4946	8,2	293	"	"	"	"	"	"	
	:45	17,55	02,37	4942	4957	8,5	287	"	"	"	"	"	"	
	05:05	16,52	18° 58,82	4672	4713	8,3	294	"	"	"	"	"	"	
	:16	16,05	56,88	5050	5072	8,0	294	"	"	"	"	"	"	
	:30	15,42	54,46	5055	5053	8,9	288	"	"	"	"	"	"	
	:46	14,59	51,30	5076	5095	9,5	289	"	"	"	"	"	"	
	06:00	13,40	48,47	4965	4984	9,0	282	"	"	"	"	"	"	
	:15	13,28	45,85	4756	4787	9,5	284	"	"	"	"	"	"	
	:30	12,56	42,77	4114	4253	10,0	286	"	"	"	"	"	"	
	:45	11,89	39,89	5053	5070	9,4	290	"	"	"	"	"	"	
	07:00	11,19	36,61	5040	5032	9,2	289	"	"	"	"	"	"	
	:15	10,55	34,20	4417	4437	8,6	284	"	"	"	"	"	"	
	:33	09,39	30,66	4528	4540	9,6	297	"	"	"	"	"	"	
	:45	08,63	28,78	4645	4646	8,6	298	"	"	"	"	"	"	
	08:00	39° 08,38	18° 27,29	4691	4907	3,0	224	"	"	60	"	"	"	
	12:24	15,30	22,97	4697	4656	1,1	214	"	"	60	"	5	Thomas S.	
	14:23	18,23	16,81	4880	4894	8,9	308	"	"	0	"	"	Gerl	
	14:34	17,35	14,98	4908	4922	8,8	296	"	"	"	"	"	"	
	14:45	16,52	18,21	4990	4924	9,2	312	"	"	"	"	"	"	
15:00	15,77	10,56	4979	4944	9,3	288	"	"	"	"	"	"		
:15	15,32	8,44	4635	4683	6,9	293	"	"	"	"	"	"		
:30	14,46	6,57	4949	4970	6,7	280	"	"	"	"	"	"		
:45	14,55	4,47	4965	4995	6,3	292	"	"	"	"	"	"		
19.11.03	16:00	39° 14,11' S	18° 02,25' E	4962	4962	7,6	276	2	266	0	11	5	NL	
	:15	13,64	17° 59,94	-	5119	7,3	301	"	"	"	"	"	"	
	:30	13,35	58,11	5086	5086	5,5	84	"	"	"	"	"	"	
	:45	12,84	56,20	4971	4986	7,4	289	"	"	"	"	"	"	
	17:00	39° 12,15' S	17° 53,79' E	4932	4947	6,8	288	"	"	"	"	"	"	
	:15	11,43	51,35	4900	4900	9,1	293	"	"	"	"	"	"	
	:30	10,63	49,11	4946	4965	7,8	309	"	"	"	"	"	"	
	:45	09,87	47,00	4946	4955	6,8	295	"	"	"	"	"	"	
	18:00	09,04	44,73	4937	4953	7,6	300	"	"	"	"	"	Wolfgang	
	:15	08,05	42,42	4904	4917	8,7	290	"	"	"	"	"	"	
:30	07,06	40,04	4902	4917	8,7	296	"	"	"	"	"	"		
:45	06,04	37,73	4897	4919	8,3	292	"	"	"	"	"	"		
19:00	04,95	35,68	4915	4932	7,5	305	"	"	"	"	"	"		

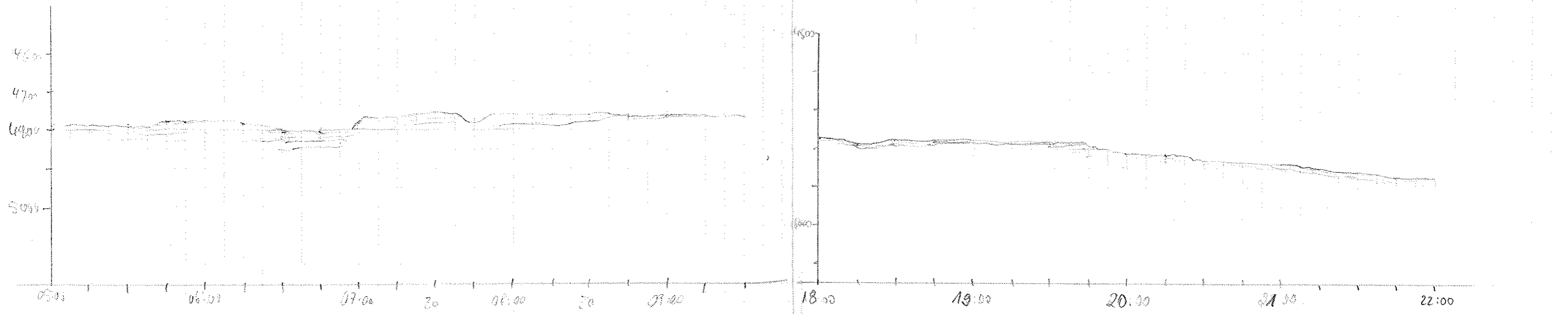


122 Date	Time UTC	Latitude S°	Longitude E°	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rectifier	Wait Time	Deso No.	Disk No.	Watch	Comments	
19.01.03	19:15	39°03,74'	17°33,97'	4902	5035	8,3	297	2	266	0	11	5	Wolfgang		
	:30	02,63	31,42'	4877	4893	8,5	294	"	"	"	"	"	"		
	:45	01,45	29,32	4875	4893	8,5	306	"	"	"	"	"	"		
	20:00	00,23	27,07	4874	4889	8,1	303	"	"	"	"	"	Conny		
	:15	38°58,94'	25,13	4871	4886	8,6	312	"	"	"	"	"	"		
	:30	57,66	23,04	4866	4882	8,4	315	"	"	"	"	"	MF		
	:45	56,25	21,86	4876	4898	9,1	304	"	"	"	"	"	MF		
	21:00	54,23	18,86	4857	4836	9,2	319	"	"	"	"	"	"		
	:15	53,46	16,55	4866	4881	8,2	302	"	"	"	"	"	"		
	:30	52,08	14,30	4853	4865	8,4	317	"	"	"	"	"	"		
	:45	50,82	12,30	4871	4887	9,5	308	"	"	"	"	"	"		
	22:00	49,55	10,03	4860	4875	8,4	288	2	266	0	"	5	Thomas W.	(Bordzeitumstellungen ± 20 min: 22:20!) Parasound-Protokoll weiter UTC	
	:15	48,41	07,95	4857	4868	9,4	305	"	"	"	"	"	"		
	:30	47,24	05,74	4858	4873	5,9	294	"	"	"	"	"	"		
	:45	46,45	03,74	4849	4866	7,3	299	"	"	"	"	"	"		
	23:00	45,81	01,75	4833	4854	7,1	284	"	"	"	"	"	"		
	:15	45,58	16°59,98'	4812	4829	5,4	271	"	"	"	"	"	"		
	:30	45,42	58,17	4824	4840	6,4	275	"	"	"	"	"	"		
	:45	45,23	56,75	4815	4828	6,1	276	"	"	"	"	"	"		
	20.01.03 (UTC!)	00:00	44,94	54,00	4800	4817	6,9	269	"	"	"	"	"	Thomas W.	
	:15	44,75	52,42	4802	4820	5,4	269	"	"	"	"	"	"	"	
	:30	44,60	50,55	4794	4817	6,1	277	"	"	"	"	"	"	"	
	:45	44,41	48,84	4804	4819	6,2	281	"	"	"	"	"	"	"	
	01:00	44,29	47,19	4808	4826	4,3	261	"	"	"	"	"	"	"	
:15	44,11	45,46	4795	4820	5,0	279	"	"	"	"	"	"	"		
:30	43,92	43,57	4799	4852	4,7	279	"	"	"	"	"	"	"		
:45	43,80	42,00	4805	4827	4,6	275	"	"	"	"	"	"	"		
02:00	43,70	40,14	4786	4801	6,6	269	"	"	"	"	"	"	"		
:15	43,60	37,99	4784	4797	6,6	275	"	"	"	"	"	"	"		
:30	43,50	36,00	4816	4831	5,2	267	"	"	"	"	"	"	"		
:45	43,35	34,31	4795	4815	7,0	269	"	"	"	"	"	"	"		
03:00	43,60	32,56	4805	4833	5,1	269	"	"	"	"	"	"	"		
:15	43,64	30,75	4796	4814	5,8	268	"	"	"	"	"	"	"		
:30	43,86	28,50	4805	4827	5,9	267	"	"	"	"	"	"	"		
:45	43,98	27,10	4798	4814	6,3	263	"	"	"	"	"	"	"		
04:00	44,14	25,39	4800	4817	6,8	283	"	"	"	"	"	"	Florian		
:15	44,40	23,32	4796	4809	4,7	265	"	"	"	"	"	"	"		
:30	44,70	21,59	4791	4802	6,2	255	"	"	"	"	"	"	"		
:45	45,13	19,55	4793	4804	7,3	253	"	"	"	"	"	"	"		



23:54 CD 32
CD 33

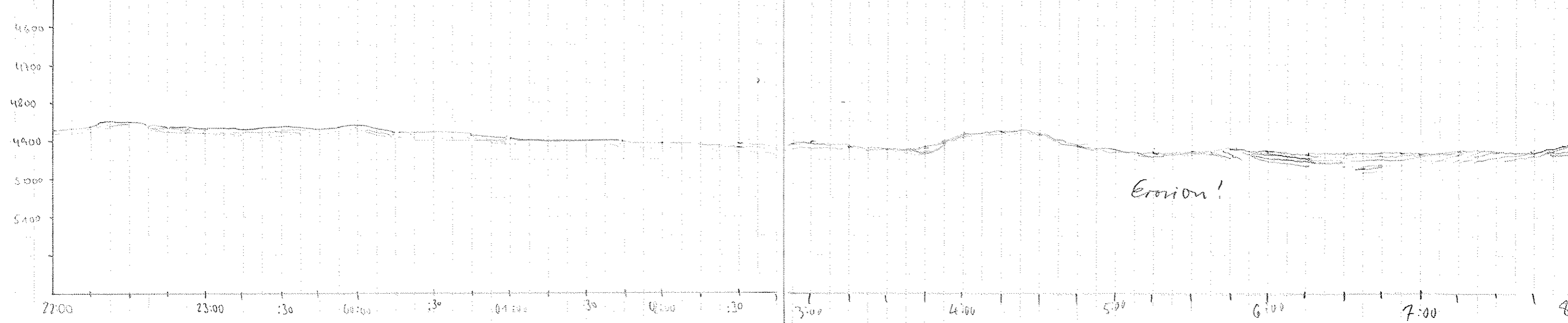
124 Date	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth 15 [m]	Speed [km]	Course [°]	Pulse	Rec. Length	Wait Time	Disc No	Disk No	Wahl	Comments
20.01.03	05:00	38° 45,41	16° 47,99	4796	4810	4,9	255	2	266	0	11	5	Rosin	Oberflache gestört / erodiert, darunter Schöngeschicht, Einbringung ca. 60m
	:15	45,91	15,86	4794	4807	4,0	258	"	"	"	"	"	"	
	:30	46,36	14,38	4790	4804	6,3	253	"	"	"	"	"	"	
	:46	46,90	12,22	4785	4803	6,2	243	"	"	"	"	"	"	
06:00		47,34	10,76	4785	4798	5,9	251	"	"	"	"	"	"	
	:15	47,81	08,78	4788	4787	6,5	264	"	"	"	"	"	"	
	:30	47,61	07,00	4804	4820	7,1	282	"	"	"	"	"	"	
	:45	46,80	04,47	4787	4814	9,3	289	"	"	"	"	"	"	
07:00		45,87	15° 01,55	4770	4783	8,5	292	"	"	"	"	"	Sylwia	
	:15	45,06	58,70	4765	4777	9,6	297	"	"	"	"	"	"	
	:30	44,35	55,87	4761	4772	8,7	281	"	"	"	"	"	"	
	:45	43,77	53,27	4772	4785	8,4	287	"	"	"	"	"	"	
08:00		43,24	50,64	4758	4775	8,1	275	"	"	"	"	"	"	
	:15	42,70	48,29	4762	4774	8,1	287	"	"	"	"	"	"	
	:30	42,02	45,73	4754	4776	8,1	281	"	"	"	"	"	"	
	:45	41,72	43,19	4757	4775	8,5	286	"	"	"	"	"	"	
09:00		40,25	40,98	4766	4777	8,7	305	"	"	"	"	"	"	
	:15	39,24	39,29	4761	4784	2,6	148	"	"	"	"	"	Claudia	
	:23	38 38,95	38,89	4766	4767	4,9	262	"	"	60	"	"	Romas S.	
	:25	"	"	"	"	"	"	"	"	60	"	"	"	
20.1.03	18:00	38° 46,93'S	15° 38,02'E	4765	4790	1,4	62	2	266	0	11	2	NL	Station 199, 1SP PSS am Plattenwechsel 5-2 PSS Nordost Ende Station 199 17:54
	:15	45,01	37,32	4783	4799	9,7	347	"	"	"	"	"	"	
	:30	43,21	36,76	4766	4784	9,7	348	"	"	"	"	"	"	
	:45	40,78	36,02	4773	4787	9,9	347	"	"	"	"	"	"	
19:00		38,76	35,47	4769	4786	11,3	358	"	"	"	"	"	Wolfgang	
	:15	35,59	34,92	4775	4798	10,0	353	"	"	"	"	"	"	
	:30	33,02	34,40	4779	4793	11,7	356	"	"	"	"	"	"	
	:45	30,27	33,90	4797	4813	10,8	354	"	"	"	"	"	"	
20:00		27,57	33,36	4815	4830	11,8	354	"	"	"	"	"	"	
	:15	24,83	32,41	4824	4834	10,3	341	"	"	"	"	"	"	
	:30	22,37	31,22	4836	4854	9,9	342	"	"	"	"	"	"	
	:45	19,84	30,03	4842	4856	10,6	340	"	"	"	"	"	"	
21:00		17,26	28,81	4843	4858	10,6	340	"	"	"	"	"	Conny	
	:15	14,67	27,56	4852	4867	10,9	340	"	"	"	"	"	"	
	:30	12,17	26,41	4858	4875	10,2	341	"	"	"	"	"	"	
	:45	09,63	25,21	4868	4886	10,6	342	"	"	"	"	"	"	
22:00		07,15	24,02	4869	4889	10,9	344	"	"	"	"	"	"	



①33
①34

Assendoci!

Date 126	Time UTC	Latitude [° S]	Longitude [° E]	Depth PS [m]	Depth HS [m]	Speed [kn]	Course [°]	Pulse	Rec. Time	Wait Time	Deso. No.	Dish No.	Watch	Comments	
20.01.03	22:15	38° 04,68	15° 22,87	4864	4881	11,3	337	2	266	0	11	2	Conny		
	:30	02,21	21,72	4849	4863	10,1	335	"	"	"	"	"	"		
	:48	37° 59,19	20,29	4862	4877	11,1	342	"	"	"	"	"	"	Thomass	
	23:00	57,15	19,34	4859	4874	11,2	341	"	"	"	"	"	"	"	
	:15	54,88	18,28	4875	4897	10,2	337	"	"	"	"	"	"	"	
	:30	52,30	15,17	4874	4889	10,4	346	"	"	"	"	"	"	"	
	:45	49,97	15,98	4877	4889	10,3	334	"	"	"	"	"	"	"	
	21.01.03	00:00	47,64	14,87	4872	4890	10,6	348	"	"	"	"	"	"	"
		:15	45,30	13,79	4872	4897	9,6	327	"	"	"	"	"	"	"
		:30	42,11	12,28	4879	4899	9,9	345	"	"	"	"	"	"	"
:45		39,59	11,11	4886	4907	10,5	339	"	"	"	"	"	"	"	
01:00		37,90	10,31	4887	4904	11,2	340	"	"	"	"	"	"	"	
:15		35,01	08,53	4886	4903	10,4	339	"	"	"	"	"	"	"	
:30		32,47	07,77	4892	4913	11,1	339	"	"	"	"	"	"	"	
:45		30,00	06,62	4903	4920	11,5	341	"	"	"	"	"	"	"	
02:00		27,35	05,39	4898	4910	11,2	339	"	"	"	"	"	"	"	
:15		24,66	04,12	4906	4920	11,6	339	"	"	"	"	"	"	"	
:30	21,80	02,79	4903	4920	11,2	343	"	"	"	"	"	"	Region		
:45	19,84	01,87	4902	4918	11,6	332	"	"	"	"	"	"	"		
03:00	15,89	00,03	4900	4915	11,4	339	"	"	"	"	"	"	"		
:15	13,99	14° 59,15	4897	4913	12,1	341	"	"	"	"	"	"	"		
:30	11,01	14° 57,75	4908	4924	11,6	343	"	"	"	"	"	"	"		
:45	08,19	56,44	4912	4931	11,8	338	"	"	"	"	"	"	"		
04:00	05,77	55,22	4889	4903	11,5	336	"	"	"	"	"	"	"		
:15	02,77	53,41	4888	4905	12,5	343	"	"	"	"	"	"	"		
:30	36° 59,84	52,56	4899	4918	11,6	338	"	"	"	"	"	"	"		
:45	57,25	51,36	4891	4906	11,7	339	"	"	"	"	"	"	"		
05:00	54,07	49,89	4882	4905	11,6	342	"	"	"	"	"	"	"		
:15	51,74	48,36	4873	4893	11,6	338	"	"	"	"	"	"	"		
:30	48,99	47,51	4881	4898	11,9	339	"	"	"	"	"	"	"		
:45	45,20	45,76	4876	4891	11,2	343	"	"	"	"	"	"	"		
06:00	42,92	44,74	4878	4895	11,5	341	"	"	"	"	"	"	"		
:15	40,56	43,64	4874	4890	11,9	338	"	"	"	"	"	"	Level		
:30	37,87	42,38	4873	4898	11,3	342	"	"	"	"	"	"	"		
:45	35,04	41,07	4872	4889	11,3	338	"	"	"	"	"	"	"		
07:00	32,32	39,83	4868	4886	10,9	340	"	"	"	"	"	"	Region		
:15	29,73	38,62	4870	4885	10,7	341	"	"	"	"	"	"	"		
:30	27,04	37,41	4875	4891	11,2	344	"	"	"	"	"	"	"		
:45	24,40	36,16	4879	4896	11,9	338	"	"	"	"	"	"	Level		



Date 128	Time UTC	Latitude [°S]	Longitude [°E]	Depth PS [m]	Depth HS [m]	Speed [km]	Course [°]	Roll	Reel Time	Weight Time	Deso No.	Disk No.	Water	Comments
21.01.03	8:00	36°21.77	14°34.97	4856	4872	10.7	339	2	266	0	11	2	Good	
	:15	19.20	33.79	4844	4863	10.7	341	"	"	"	"	"	"	
	:30	16.67	32.63	4823	4838	11.4	340	"	"	"	"	"	"	
	:46	13.60	31.22	4816	4830	10.8	336	"	"	"	"	"	"	
	9:00	11.32	30.14	4820	4836	11.6	343	"	"	"	"	"	"	
	:16	8.44	28.84	4839	4855	11.3	343	"	"	"	"	"	"	
	:30	5.95	27.69	4836	4852	11.7	340	"	"	"	"	"	"	
	10:00	36°00.05	14°25.99	4838	4852	12.0	340	"	"	"	"	"	"	
	10:15	35:59.005	14°24.727	4842	4858	1.5	255	"	"	60	11	"	"	
	10:55	58.84	25.34	4841	-	0.6	224	"	"	"	"	"	"	

Sprung $\approx 10m$ in Laufzeit: Fehler im Zusammenhang mit Porositätsdruck in DESO 8:25

Station + ~~81~~ 1563/216
 AUS (5 Kubm)
 nicht vgl. WALT
 Aus iss - siehe wovs

