

Parasound journal of Polarstern Leg ANT-XXIII/4

2006-02-13 to 2006-04-08

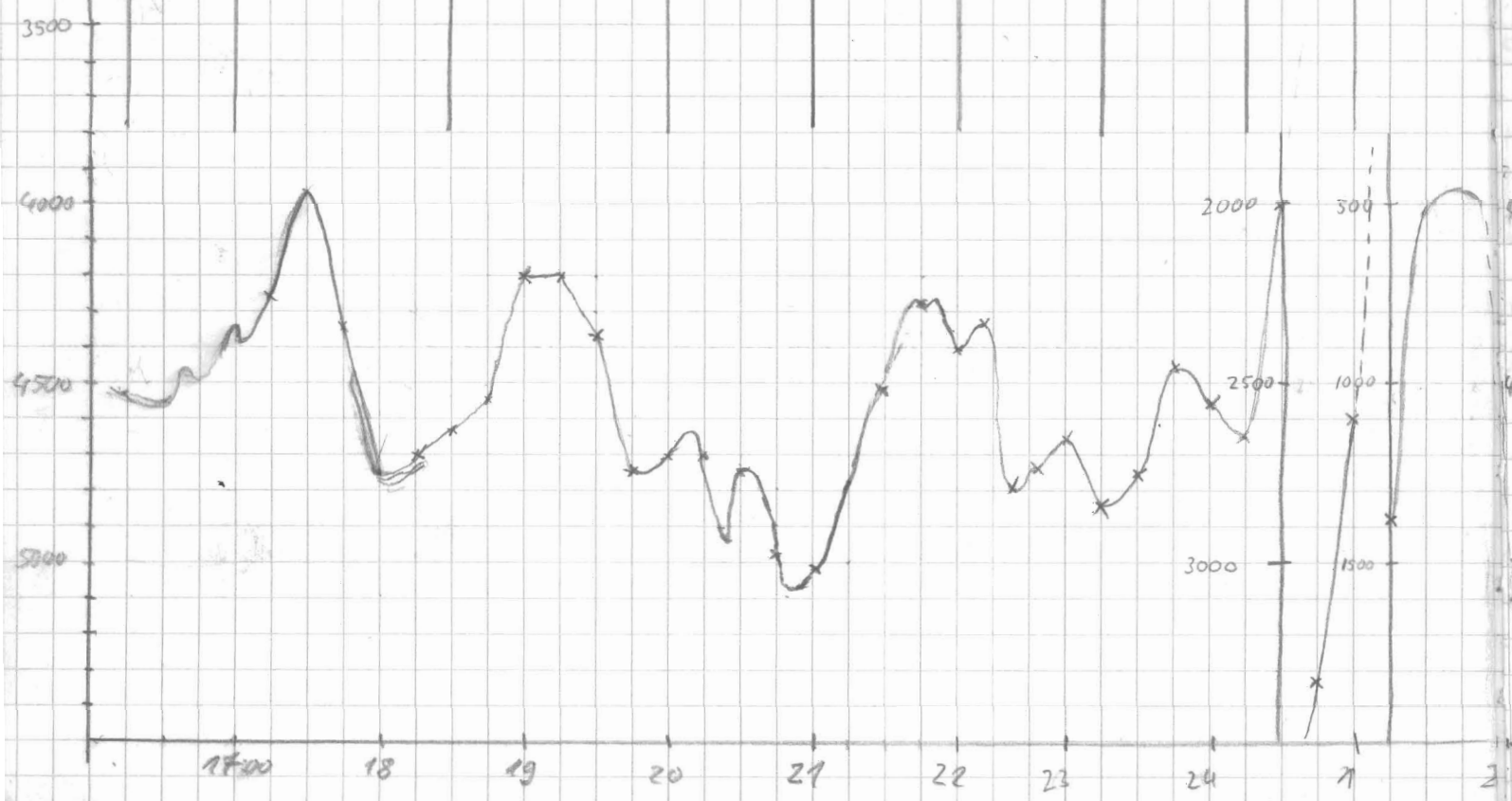
Gerhard Kuhn, Karsten Gohl & Shipboard Scientific Party

2006

Alfred Wegener Institute for Polar and Marine Research, Bremerhaven

hdl:10013/epic.28625

Date	UTC	Lat S	Lon W	Depth PS	Depth HS	Depth Range	pulse mode	Speed	Course
13.2.06	16:30					5000	moderate		
"	17:00	58° 30' 99	73° 48' 01	4344	4269	7000	"	10,2	167
"	17:30	58° 36' 155	73° 46' 491	4349	3878	7000	"	11,2	176,8
"	18:00	58° 41' 352	73° 45' 024	4726	4743	7000	"	11,1	166,3
"	18:30	58° 46' 482	73° 43' 685	4609	4631	7000	"	11,5	171,1
"	19:00	58° 51' 550	73° 42' 046	4751	4282	7000	"	10	170
"	19:30	58° 56' 503	73° 40' 600	4380	4363	7000	"	10,2	160
"	20:00	59° 01' 650	73° 39' 272	4705	4701	7000	"	10,7	172
"	20:30	59° 06' 655	73° 37' 755	4169	4802	7000	"	10,1	171
"	20:45	59° 08' 043	73° 37' 095	4990	4981	7000	"	9,7	163
"	21:00	59° 11' 642	73° 36' 510	4975	5043	7000	"	10,7	172
"	21:30	59° 16' 801	73° 34' 818	4514	4481	7000	"	9,3	171
"	22:00	59° 21' 928	73° 33' 322	4179	4232	7000	"	10,6	173
"	22:15	59° 24' 444	73° 32' 568	4376	4374	7000	"	10,4	172
"	22:30	59° 27' 147	73° 31' 803	4848	4796	7000	"	9,7	176
"	23:00	59° 32' 255	73° 30' 486	4686	4687	7000	"	9,9	174
"	23:30	59° 37' 481	73° 28' 298	4450	4804	7000	"	9,9	166
"	24:00	59° 42' 379	73° 27' 326	4540	4557	7000	"	10,3	173
14.02.06	0:30	59° 47' 945	73° 25' 783	3921	3939	7000	"	11,4	185
"	1:00	59° 53' 221	73° 24' 767	2535	2520	7000	"	11,0	174
"	1:30	59° 58' 652	73° 22' 913	497	500	1000	minimal	10,8	174
"	2:00	60° 05' 209	73° 20' 585	1656	1657	2000	moderate	11,6	172
"	2:30	60° 09' 866	73° 19' 358	3685	3703	7000	"	10,6	171
"	3:00	60° 14' 029	73° 17' 801	4446	4460	7000	"	9,8	180
"	3:30	60° 19' 875	73° 16' 709	4475	4507	7000	"	9,7	172
"	4:00	60° 24' 995	73° 14' 804	4449	4456	7000	"	9,4	170
"	04:15	60° 29' 574	073° 14' 058	4421	4434	"	"	10,1	175
"	04:30	60° 30' 300	073° 13' 196	4428	4445	"	"	11,0	176
"	04:45	60° 32' 933	073° 12' 490	4423	4443	"	"	10,7	171
"	05:03	60° 36' 191	073° 11' 500	4423	4442	"	"	10,6	175
3000	05:16	60° 38' 511	073° 10' 811	4293	4292	"	"	10,7	171
"	05:30	60° 41' 07	073° 09' 98	4421	4435	"	"	10,7	178
"	05:45	60° 43' 60	073° 09' 23	4412	4432	"	"	9,1	168
"	06:00	60° 46' 11	073° 08' 48	4405	4421	"	"	10,5	173



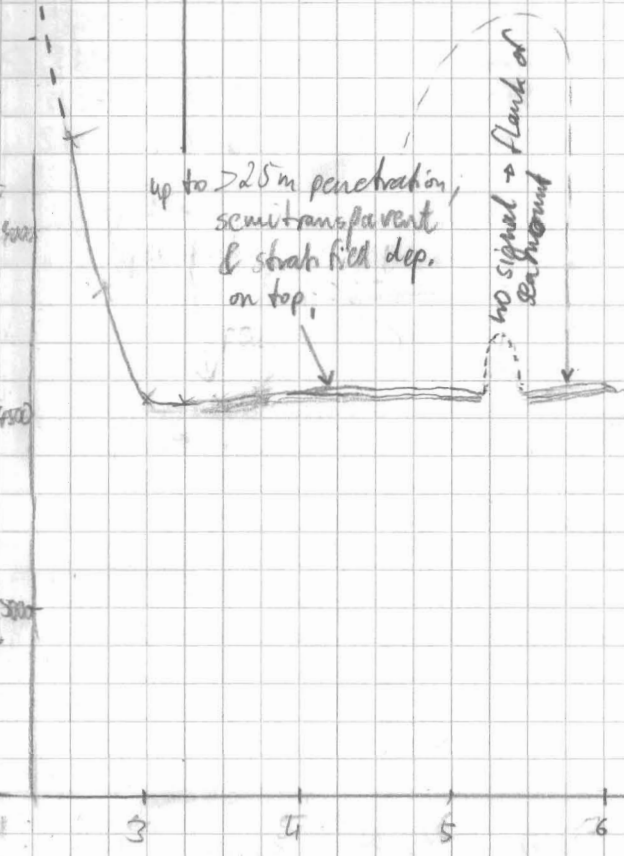
Werte Bemerkungen

Mannel
 Mannel 17⁴⁵⁰: bessere Sedimente
 Mannel
 Nick
 Nick
 Nick
 Nick

Andreus Raube Topographic
 Andreus "
 Andreus "
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 Andreus "
 " "
 " "

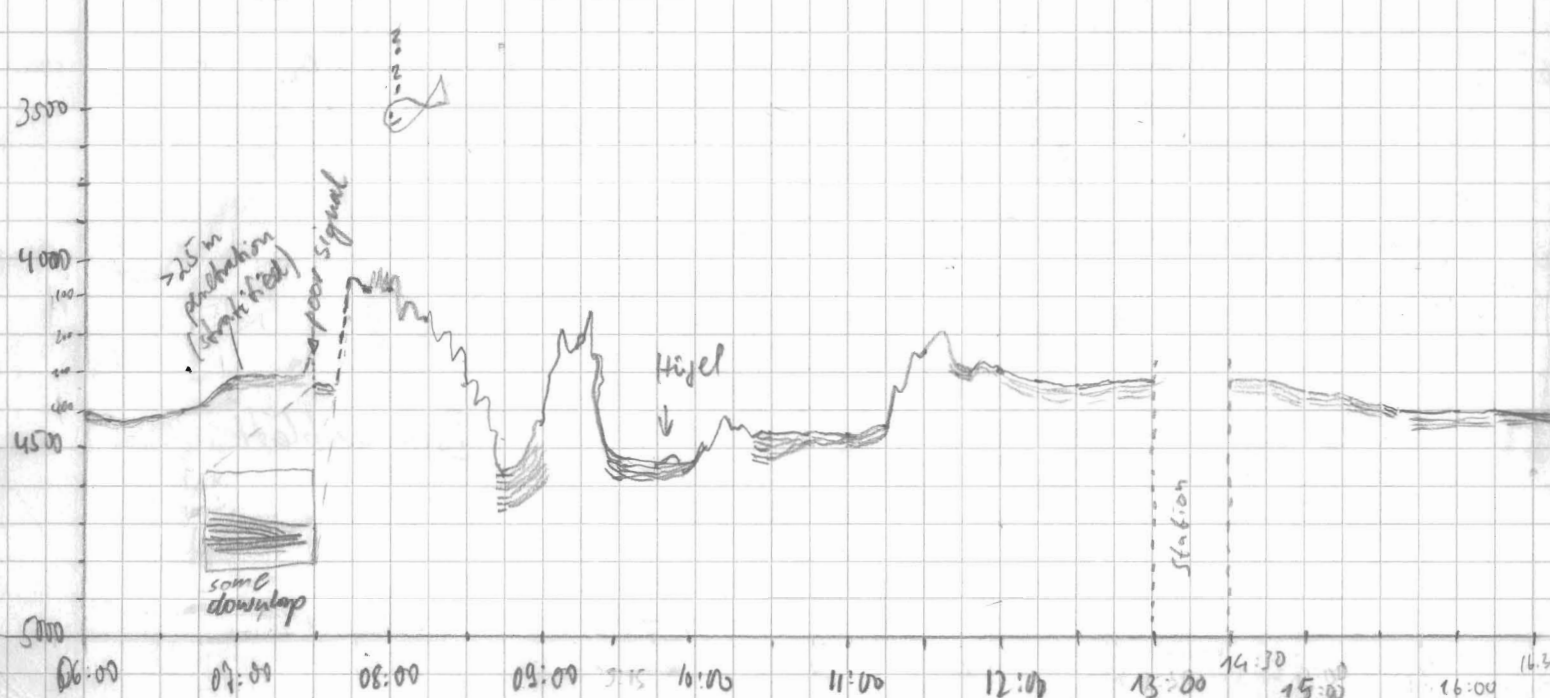
Kristin 0⁰⁵ - 0¹⁵ falsches Fenster
 Kristin zw. 0⁴⁵ und 0⁵⁰ sehr schlechtes Signal → starker Hang,
 Kristin immer noch starker Hang, 26 1⁰⁶ depth range: 5000, pulse mode: minimal,
 Kristin kurz vor 2⁰⁰ wieder umgestellt 26 1¹⁰ depth range: 2000, 1²⁵ PAR-Plot geändert in PAR
 Katja 1²⁶ depth range: 1000

Makre } around this line: about 600 m high seamount East of
 " } ship's track (see Hydrosweep data)
 "
 "
 "
 "
 "



Bitte umblättern

Date	UTC	Lat S	Long W	Depth PS	Depth HS	Depth Range	pulse mode	Speed	Course
14.02.06	06:15	60° 48.66	073° 04.76	4429	4442	7000	moderate	10.9	174
	06:30	60° 51.49	073° 06.87	4411	4428	"	"	10.9	176
	06:45	60° 54.34	073° 06.07	4390	4405	"	"	11.0	171
	07:00	60° 57.10	073° 05.21	4335	4353	"	"	11.0	173
	07:15	60° 59.12	073° 04.37	4307	4327	"	"	9.6	172
	07:30	61° 02.15	073° 03.60	4334	4313	"	"	10.9	174
	07:45	61° 04.78	073° 02.82	4057	4094	"	"	10.7	175
	08:00	61° 07.41	073° 02.01	4085	4094	"	"	11.4	173
	08:15	61° 10.08	073° 01.17	4167	4198	"	"	9.8	173
	08:30	61° 12.55	073° 00.48	4341	4341	"	"	9.4	177
	08:45	61° 15.43	072° 59.54	4593	4612	"	"	10.4	172
	09:00	61° 17.90	072° 58.81	4419	4428	"	"	9.6	174
	09:15	61° 20.87	72° 57.81	4283	4331	"	"	10.6	169
	09:30	61° 23.16	72° 54.19	4522	4540	"	"	9.6	164
	09:45	61° 25.80	72° 56.40	4525	4545	"	"	11.6	160
	10:00	61° 28.14	72° 55.46	4531	4548	"	"	9.6	179
	10:18	61° 31.47	72° 54.54	4463	4483	"	"	11.3	176
	10:30	61° 33.28	72° 54.71	4472	4451	"	"	11.0	174
	10:45	61° 36.29	72° 53.06	4465	4480	"	"	10.0	165
	11:00	61° 38.32	72° 52.51	4473	4487	"	"	10.0	170
	11:15	61° 41.02	72° 51.68	4435	4456	"	"	10.3	172
	11:30	61° 43.80	72° 50.73	4294	4314	"	"	10.2	176
	11:47	61° 46.57	72° 50.17	4299	4323	"	"	9.4	184
	12:00	61° 48.54	72° 49.62	4225	4217	"	"	10.3	168
	12:15	61° 51.07	72° 48.86	4315	4332	"	"	10.5	170
	12:30	61° 53.80	72° 47.64	4317	4335	"	"	10.9	173
	12:45	61° 56.44	72° 46.83	4320	4338	"	"	10.4	173
	13:00	61° 58.40	72° 46.57	4322	4336	"	"	6.1	255
	13:03	61° 58.14	72° 52.10	4325	4340				
	14:36	61° 58.52	72° 50.92	4320	4338	7000	minimal	7.2	161
	15:00	62° 1.72'	72° 48.319	4342	4358	"	moderate	9.4	162
	15:30	62° 6.354'	72° 49.552	4393	4413	"	"	9.9	160
	16:00	62° 10.775	72° 42.566	4359	4358	"	"	9.3	171
	16:15	62° 13.529*	72° 41.496	4397	4414	7000	moderate	9.8	168
	16:30	62° 15.968	72° 40.800	4399	4410	7000	"	10.2	1568
	17:00	62° 20.480	72° 39.300	4389	4370	7000	"	7.8	163, 2
	17:30	62° 19.676	72° 40.951	4401	4419	"	"	7.7	173, 9
	18:00	62° 20.630	72° 35.789	4297	4073	"	"	6.7	15.2



Wache
Mahe

Bemerkungen

Christiane

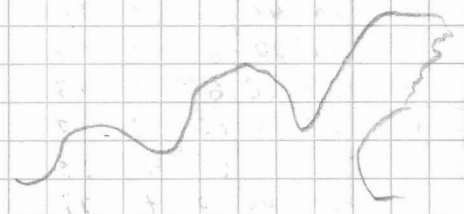
Die Schicht ist aus, ich geh' nach Haus ...

~ 100m Eindringung

Janna

Euphorvorkanstellung, starke Dünung

3min
↓

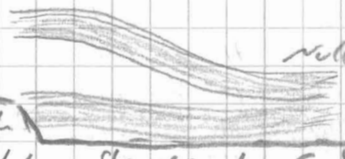


Marika

Geschwindigkeit meter
Station 5,5 kHz - Frequenz d. Transmitters, PAR Bandpass 4-6 kHz

Fahrt geht weiter

1,5 km Lücke an Menge => Rücken?
kein Reflektor



Null-Reflektor kalt aus (Resonanzloch)

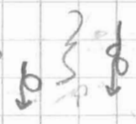
Stefan

4 pro Reflektor / Storage Path für 753 f.ils Standard C.V. (14:20 - 16:20)

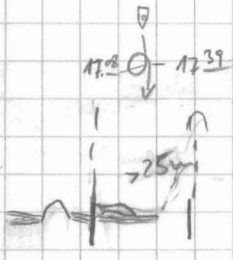
1700 - 1705 Euphorvorkanstellung, PS depth spint

Schiff ändert Kurs, f.ilt Kreis

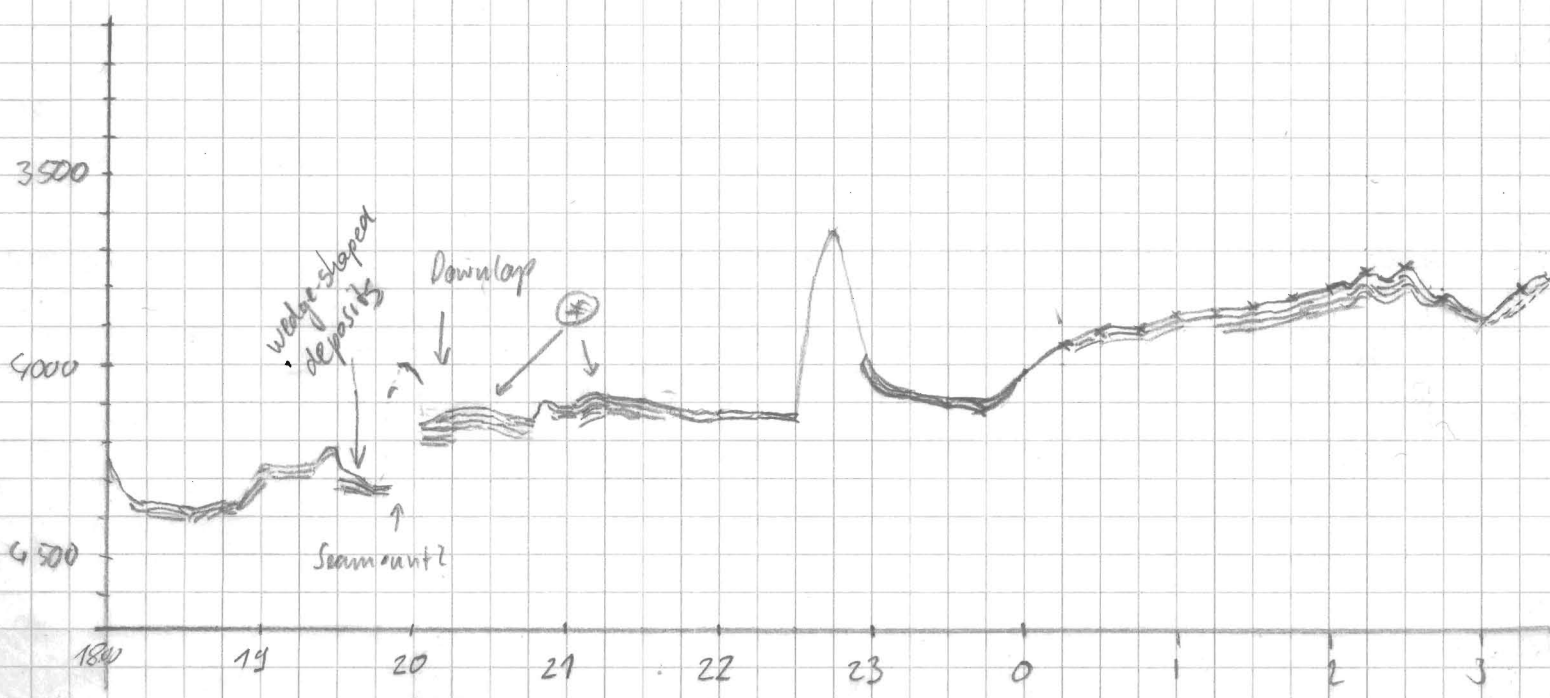
1705 Euphorvorkanstellung, 1750 Kurswechsel 100°



far Hagenhik



Date	UTC	Lat S	Long W	Depth PS	Depth HS	Depth Range	Pulse mode	Speed	Course
14.2.06	18:30	62° 20' 53	72° 38' 98	4397	4366	7000	moderate	6.9	1713
"	19:00	62° 24' 82	72° 37' 85	4260	4278	"	"	9.3	175
"	19:30	62° 29' 65	72° 36' 32	4290	4294	"	"	10.2	163
"	20:00	62° 34' 63	72° 34' 72	4139.2	4032	"	"	10.0	173
"	20:30	62° 39' 64	72° 33' 15	4136.8	4153	"	"	10.1	178
"	21:00	62° 44' 53	72° 31' 55	4112.9	4133	"	"	10.1	174
"	21:30	62° 49' 41	72° 29' 99	4103.5	4119	"	"	9.2	172.5
"	22:00	62° 54' 57	72° 28' 34	4111.0	4124	"	"	10.0	172.4
"	22:30	62° 59' 53.9	72° 26' 70.9	4103	4121	"	"	9.7	171.2
"	23:00	63° 4' 54.9	72° 25' 100	4055	4065	"	"	10.8	171.8
"	23:30	63° 9' 18.4	72° 23' 53.5	4084	4101	"	"	9.2	165.3
"	00:00	63° 13' 41.8	72° 22' 18.6	4005.5	4020	"	"	8.9	167.9
15.2.06	00:30	63° 17' 32.0	72° 20' 68.7	3912	3933	"	"	9.6	167.7
"	01:00	63° 22' 39.8	72° 19' 28.3	3820	3887	"	"	8.8	170.1
"	01:30	63° 26' 80.4	72° 17' 27.9	3850	3864	"	"	8.8	170.9
"	02:00	63° 31' 17.2	72° 16' 25.3	3802	3822	"	"	8.0	176.6
"	02:30	63° 35' 48.4	72° 14' 90.4	3739	3803	"	"	8.8	168.4
"	03:00	63° 39' 77.9	72° 13' 47.2	3885	3900	"	"	8.6	170.8
"	03:30	63° 43' 83.6	72° 12' 22.1	3734	3753	"	"	8.7	169.0
"	04:00	63° 47' 98.7	72° 10' 77.3	3707	3724	"	"	8.0	171.1
"	04:30	63° 52' 30.2	72° 09' 32.2	3737	3753	"	"	8.2	173
"	05:00	63° 56' 45.5	72° 08' 99.6	3703	3720	"	"	8.5	167
"	05:30	64° 00' 57.7	72° 06' 55.5	3686	3695	"	"	8.3	174
"	06:00	64° 04' 91.0	72° 05' 15.1	3687	3701	"	"	8.9	172
"	06:30	64° 09' 32.4	72° 03' 60.8	3702	3718	"	"	8.5	172
"	07:00	64° 13' 76.0	72° 02' 08.2	3710	3724	"	"	9.0	174
"	07:30	64° 18' 10.6	72° 00' 70.1	3731	3745	"	"	8.2	171
"	08:00	64° 22' 43.8	71° 59' 26.7	3721	3742	"	"	8.8	173
15.02.06	08:30	64° 26' 76.7	71° 57' 67.5	3695	3712	"	"	8.4	175
"	09:00	64° 30' 86.4	71° 56' 31.3	3671	3688	"	"	8.1	170
"	09:30	64° 35' 17.2	71° 54' 85.7	3656	3670	"	"	8.6	168
"	10:02	64° 39' 54.4	71° 54' 79.2	3656	3667	"	"	8.8	171
"	10:30	64° 43' 30.7	71° 52' 09.2	3640	3643	"	"	8.3	167
"	11:00	64° 47' 74.0	71° 50' 24.6	3628	3643	"	"	8.4	170
"	11:31	64° 52' 13.3	71° 48' 60.2	3682	3693	"	"	8.4	168
"	12:00	64° 56' 40.2	71° 47' 24.3	3656	3672	"	"	8.8	174



Werd
"
"
Christina
"
"
Mammel
Mammel
Mammel
Mammel
Nick
Nick
Nick
Nick

Seamount

(*) sehr mächtige Sedimentpalette < 50m
wieder abnehmende Mächtigkeiten ~ 30m

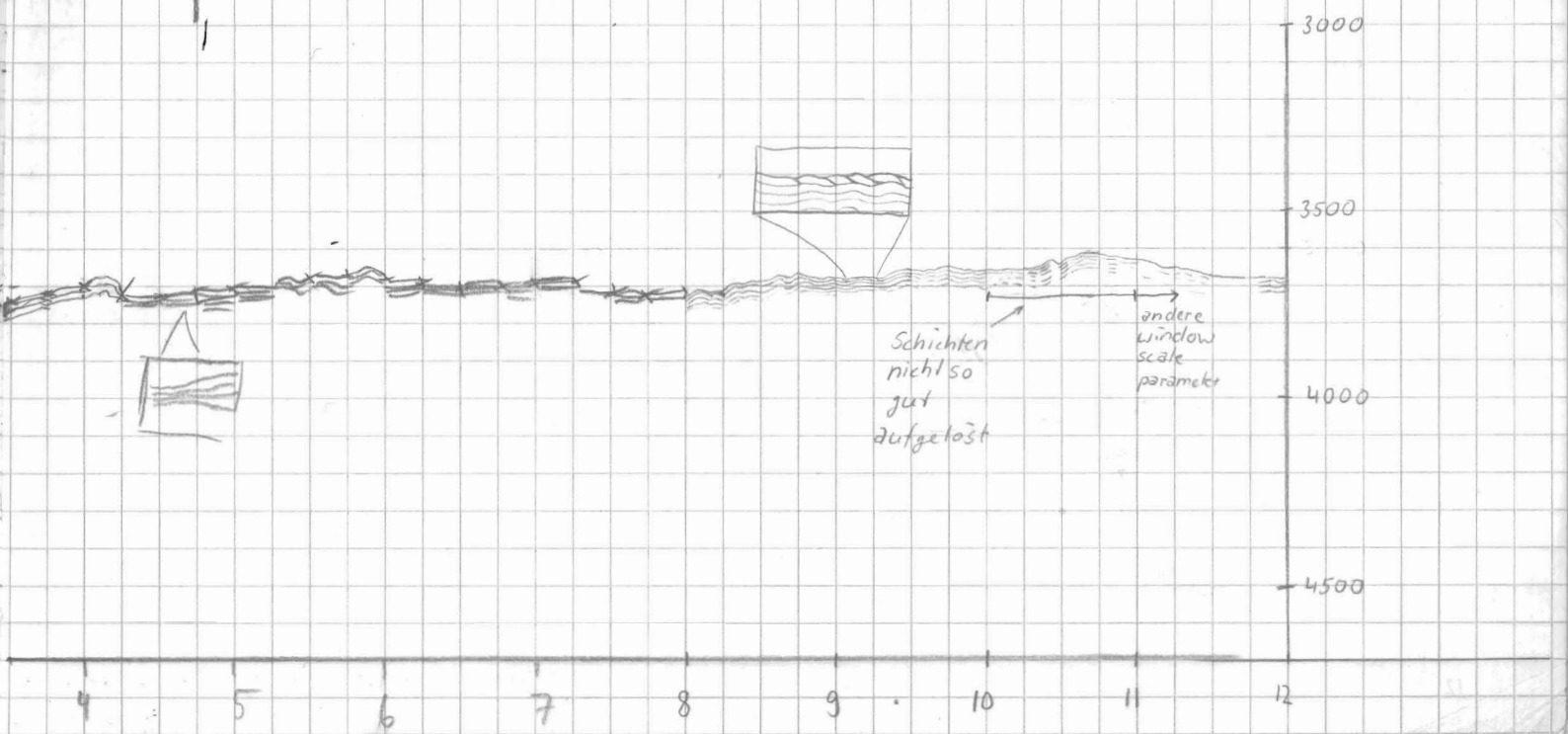
22ⁿ 56 : gute Sedimente wieder (bessere)!!

Andreas
Andreas
Andreas
Andreas
Kaja
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Kristin
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Kristin

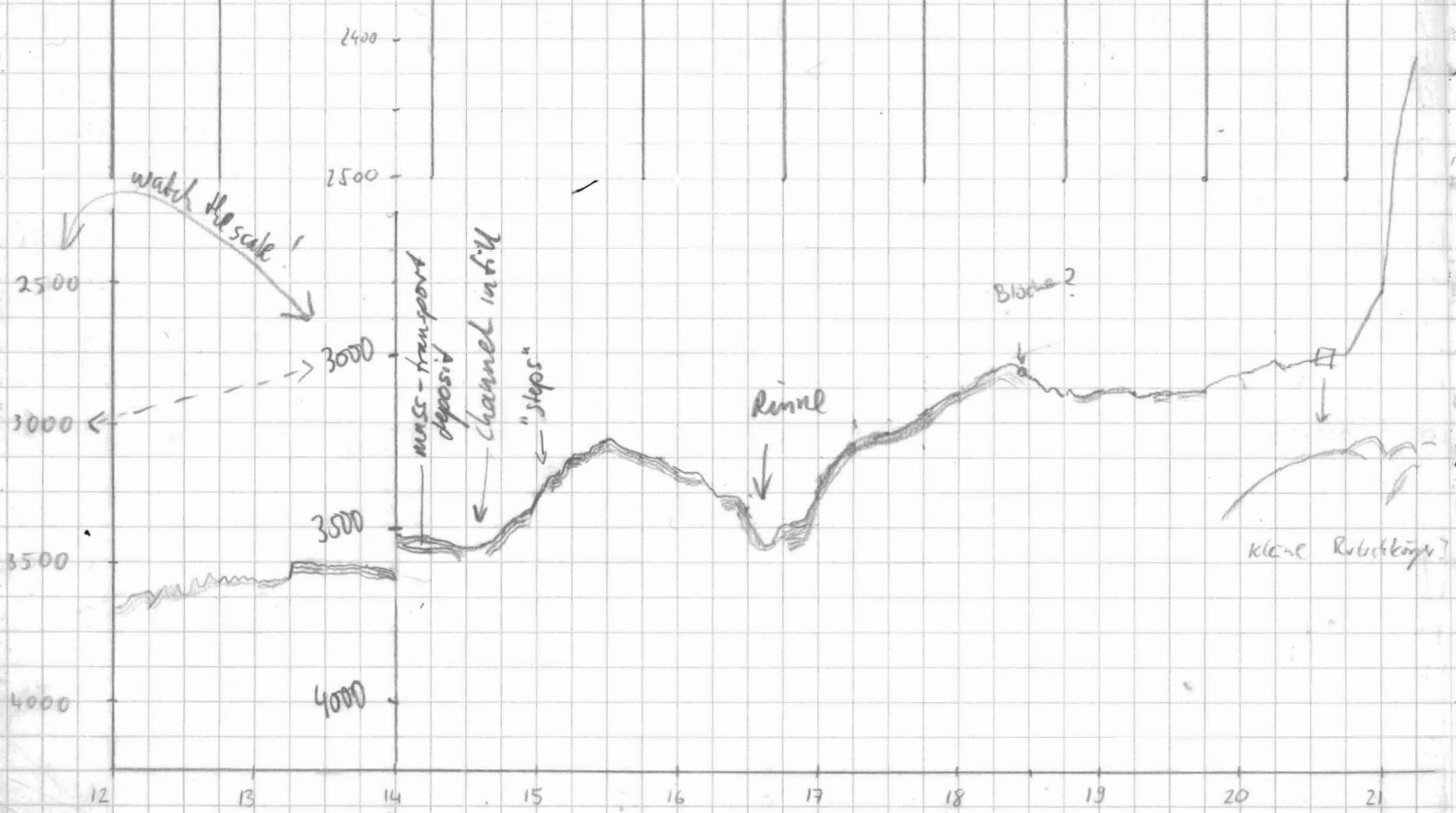
teilw.	Eindring-	ju-	> 50m
"	"	"	"
"	"	"	"
"	"	"	< 20m abnehmend, Seamount bzw. Ridge
"	"	"	> 50m!

sediment units → parallel

11⁰² Programm musste beendet werden → Fehler, lief ab 11⁰⁸ normal weiter mit z.T. etw. anderen Parametern (nur Window Scale) bis 11¹⁴ falscher Speicherplatz → :C danach wieder ANT_XXIII_4/PAR_PSS



8 Date	UTC	Lat S	Long W	Depth PS	Depth HS	depth range	pulse mode	speed	course
15.02.06	12:30	64° 59' 982	71° 45' 512	3601	3599	7000	moderate	8,6	173
	13:00	65° 04' 355	71° 43' 973	3554	3576	"	"	9,3	173
	13:30	65° 09' 232	71° 42' 295	3505	3515	"	"	10,2	167
	14:00	65° 14' 068	71° 40' 689	3529	3541	"	"	9,7	171
	14:30	65° 18' 99	071° 38' 95	3558	3571	"	"	8,7	172
	15:00	65° 23' 35	071° 37' 48	3408	3434	"	"	8,9	174
	15:30	65° 26' 72	071° 33' 50	3257	3278	"	"	9,4	174
	16:00	65° 31' 22	071° 33' 35	3253	3362	"	"	9,7	175
	16:30	65° 35' 62	71° 32' 95	3431	3438	"	"	8,5	176
	17:00	65° 39' 32	71° 30' 25	3368	3390	"	"	9,2	179
	17:30	65° 43' 62	71° 30' 24	3236	3249	"	"	8,7	163
	17:45	65° 47' 07	71° 29' 03	2116	2132	"	"	9,1	172
	18:30	65° 52' 46	71° 27' 52	3178	3181	"	"	8,2	172
	19:00	65° 56' 72	71° 26' 02	3226	3236	"	"	9,0	175
	19:30	66° 01' 17	71° 24' 44	3210	3223	"	"	8,8	170
	20:00	66° 05' 51	71° 22' 82	3129	3136	"	"	8,3	173
	20:30	66° 10' 745	71° 21' 255	3030	3041	"	"	8,7	174
	21:00	66° 14' 551	71° 19' 65	2809	2830	"	"	9,0	172
	21:30	66° 18' 018	71° 18' 789	2419	2422	"	"	9,7	169
	22:02	66° 21' 330	71° 17' 200	1034	1046	"	"	0,7	329
	23:18	66° 21' 128	71° 16' 799	1060	1071	1000	"	4,9	163
	23:30	66° 22' 630	71° 16' 541	750	755	"	"	10	168,8
	23:45	66° 25' 071	71° 15' 422	522	526	"	"	10,6	171
	24:00	66° 27' 587	71° 14' 201	524	524	"	"	10,8	171
16.02.06	0:30	66° 32' 45	71° 12' 51	517	519	"	"	9,7	170
	1:00	66° 37' 38	71° 11' 03	513	512	"	"	8,8	171
	1:30	66° 41' 16	71° 9' 53	490	493	"	"	8,9	173
	2:00	66° 45' 48	71° 7' 97	488	488,4	"	"	8,8	172



Wache Bemerkungen

André

50m-Kante mit Übergang von rauher zu glatter Topographie

"

"

"

"

Christina

16:35 65.60685 S } ca 2mm breite Rinne
71.54675 W

Jaana

18:18 71.42165 W

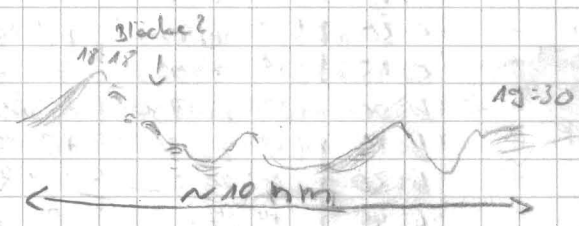
Beginn tiefer Rinne,
a.d. Flanke abgerundete Blöcke?

Jaana

Jaana

"

Martin



"

Schelfkante erreicht !!
Kann nach Reflektoren

Stefan

Station 21:53 - 23:12

PARASOUND switched off

"

Station beendet

"

Steiler Kontinentalhang, kaum Sedimente
Oberkante des Kontinentalhangs, wenig Sediment, große Taschen ohne Reflektion
Schelfkante, reine Topographie,

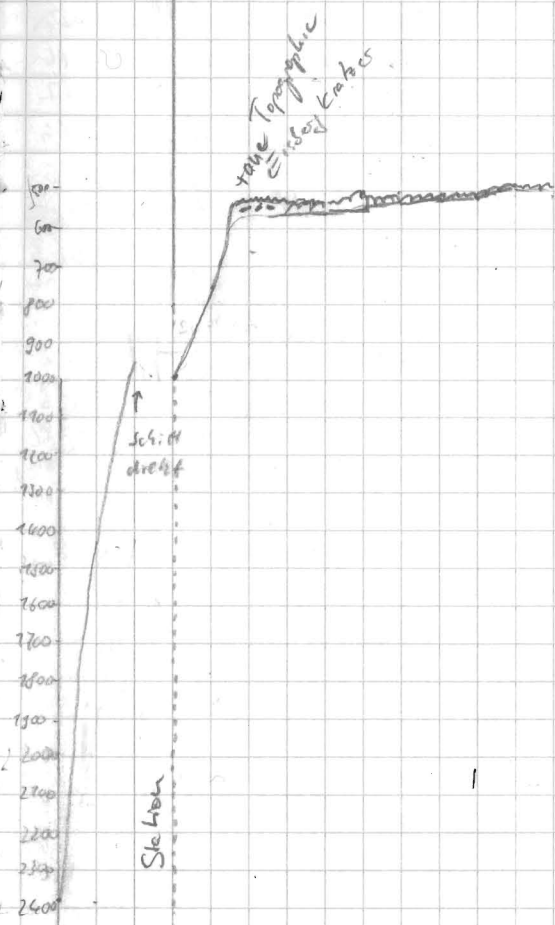
"

Carol

"

"

Christina



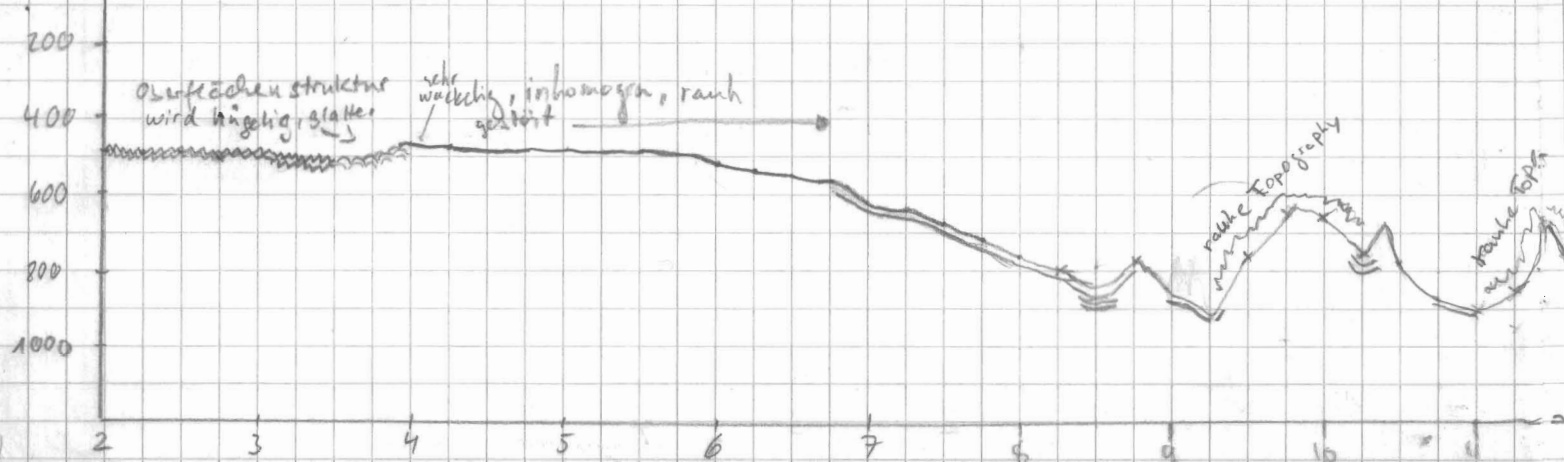
21:15 2420
21:30 1622
21:45 385

21:30 215 24:00 1 2 3 4

Date	UTC	Lat S	Long W	Depth PS	Depth HS	depth range	pulse mode	speed	course
16.02.06	2:30	66° 49, 50	71° 6, 3	494, 0	496, 0	1000	moderate	9, 0	173 - Ch
"	3:00	66° 54, 34	71° 4, 78	490, 9	492, 0	"	"	8, 6	173, 1
"	3:30	66° 58, 81	71° 3, 22	497, 9	497, 8	"	"	9, 1	168, 1
"	4:00	67° 3, 23	71° 1, 59	476, 3	478, 5	"	"	8, 6	173, 6
"	4:15	67° 5, 178	71° 0, 656	471, 1	468, 4	"	"	8, 8	171, 7 M
"	4:30	67° 7, 727	71° 0, 025	471, 4	472, 4	"	"	8, 5	167, 5
"	4:45	67° 9, 957	71° 59, 140	484, 4	489, 3	"	"	9, 3	171, 1
"	5:00	67° 12, 247	70° 52, 208	486, 7	487, 0	"	"	9, 9	171, 7
"	5:15	67° 14, 546	70° 57, 299	495, 7	496, 7	"	"	8, 5	170, 6
"	5:30	67° 16, 857	70° 56, 490	490, 4	495, 6	"	"	8, 9	172, 1
"	5:45	67° 19, 067	70° 55, 667	499, 0	499, 0	"	"	9, 5	166, 5
"	6:00	67° 21, 290	70° 54, 712	509, 0	507, 3	"	"	9, 0	168, 7
"	6:15	67° 23, 506	70° 53, 883	516, 4	520, 6	"	"	0, 1	170, 1
"	6:30	67° 25, 733	70° 53, 156	529, 6	532, 8	"	"	8, 9	172, 8
"	6:45	67° 27, 952	70° 52, 379	561, 9	564, 1	"	"	9, 2	172, 9
"	7:00	67° 30, 212	70° 51, 373	602, 8	608, 0	"	"	9, 2	172, 1
"	7:15	67° 32, 698	70° 50, 319	634, 2	637, 4	"	"	9, 2	168, 9
"	7:30	67° 34, 740	70° 49, 622	675, 9	677, 4	"	"	9, 2	172, 8
"	7:45	67° 37, 030	70° 48, 308	715, 6	716, 7	"	"	9, 3	170, 8
"	8:00	67° 39, 331	70° 47, 986	759, 6	763, 5	"	"	9, 5	169, 6
"	8:30	67° 43, 932	70° 46, 105	859, 0	863, 0	"	"	9, 2	169, 6
"	9:00	67° 42, 520	70° 43, 405	840	834, 7	"	"	8, 8	155
"	9:30	67° 52, 913	70° 40, 164	759	767	"	"	9, 4	176
"	10:00	67° 57, 642	70° 40, 785	677	677	"	"	9, 1	171
"	10:30	68° 01, 370	70° 34, 800	788	792	"	"	8, 7	170
"	11:00	68° 03, 867	70° 25, 906	903, 8	/	"	"	9, 6	170
"	11:30	68° 06, 039	70° 15, 438	685	690	"	"	8, 8	170
"	12:00	68° 08, 418	70° 05, 037	671	697	"	"	8, 5	179

Absehaltung

17.02.06	01:15	68° 10, 195	72° 46, 333	338	337	"	"	8, 8	264
"	01:30	68° 10, 416	72° 51, 759	346	345	"	"	8, 9	264
"	03:00	68° 10, 788	73° 4, 215	338	336	5000 7000	"	8, 5	267
"	03:30	68° 11, 149	73° 15, 706	348	349	"	"	8, 5	264
"	04:00	68° 11, 632	73° 28, 025	467	460	"	"	9, 0	265
"	04:30	68° 12, 047	73° 40, 460	529	533	1000	"	9, 2	263
"	05:00	68° 12, 530	73° 52, 300	503	504	"	"	8, 2	263
"	05:30	68° 12, 970	74° 4, 442	492	499	"	"	8, 8	264
"	06:00	68° 13, 373	74° 16, 667	486	487	"	"	9, 3	266
"	6:30	68° 13, 926	74° 28, 044	446	447	"	"	9, 5	263
"	7:00	68° 14, 351	74° 41, 120	451	453	"	"	9, 3	265
"	7:30	68° 14, 752	74° 53, 156	444	444	"	"	9, 1	266
"	8:02	68° 15, 168	75° 6, 707	439	440	"	"	8, 9	262



Wache

Christina

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Mannuel

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Nick

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Nick

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Nick

Nick

Martin

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Stefan

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Bemerkungen

6^h 55 : Bodenanomalie (?)
 7^h 00 : bessere Rückgabe der Welle -> besseres Bild
 Sediment dafür nicht homogener geworden
 2 Schichten sichtbar

8:35 channel ? mit Sedimenten an der Basis

ab 9^h00 rauhe Topography

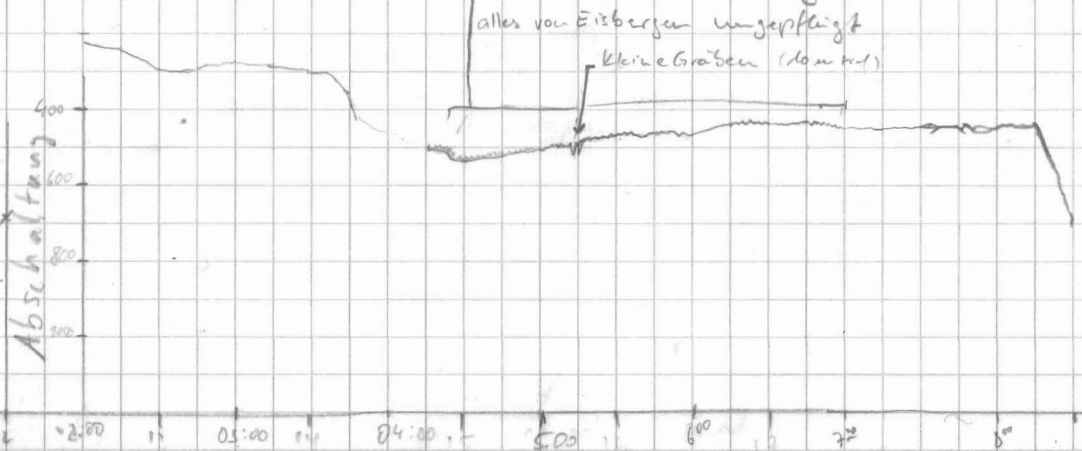
ab 11^h00

Abschaltung 12:05 in Margarete Bay
 System absterb um 02:00

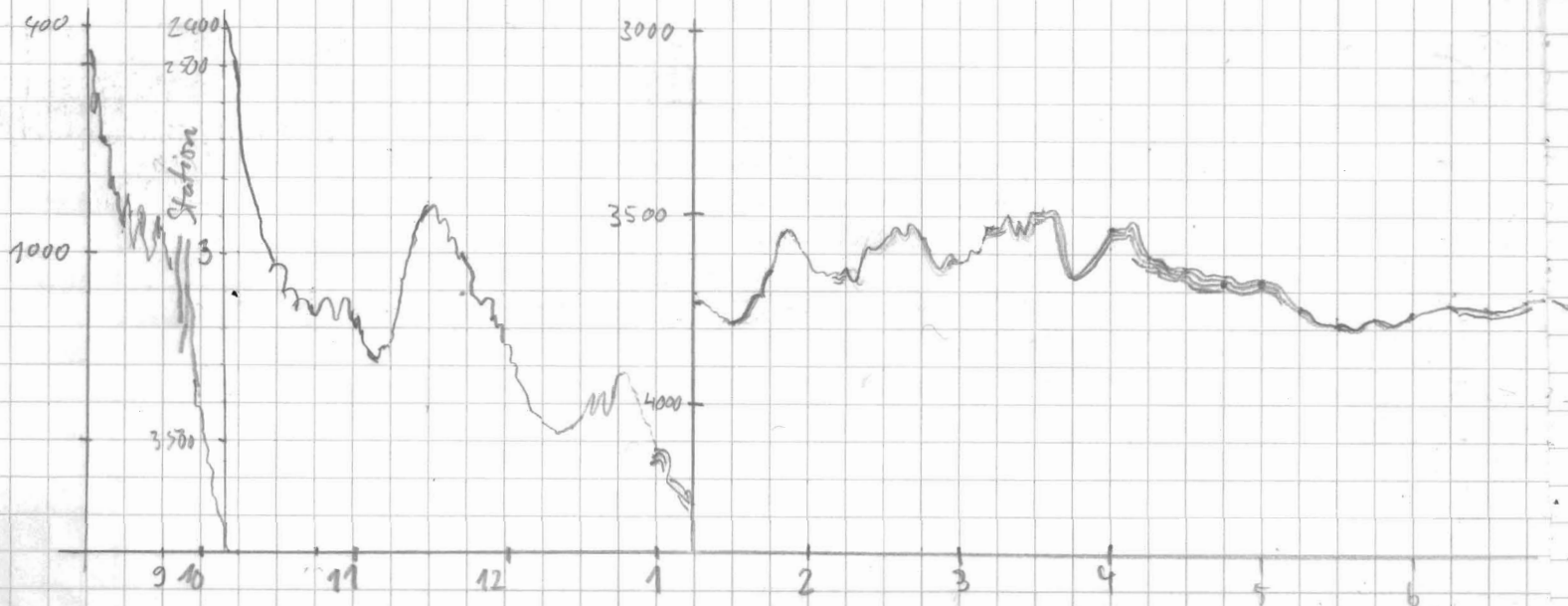


17:17 System neustart: Reflektoren waren zu groß pixelig dargestellt
 sehr raue Topo, kaum Reflektion 40m Eindringtiefe keine Schichtung
 alles abgeschobelt, minimale Eindringtiefe

17.02.'06



Date	UTC	Lat S	Long W	Depth PS	Depth HS	Depth Range	Pulse mode	Speed	Course
17.2.06	8:30	68°15.59	75°18.94	747	739	1000	-	9.2	266
"	9:00	68°15.87	75°30.66	949	957	"	+	9.2	263
"	9:09	68°16.06	75°33.10	-	-	2000	-	9.2	242
"	10:00	68°16.13	75°36.16	1499	1490	"	NBS-PAR	10.2	261
"	10:30	68°16.59	75°49.46	3015	3036	5000	Minimal	9.7	263
"	11:00	68°17.16	76°2.49	3185	3236	"	"	9.7	264
"	11:30	68°17.52	76°15.34	2833	2820	"	"	10.3	269
"	12:00	68°18.01	76°29.10	3232	3201	"	"	9.4	268
"	12:30	68°18.41	76°42.11	3450	3467	"	"	10.5	266
"	13:00	68°19.01	76°56.39	3580	3572	"	"	9.8	263
"	13:30	68°19.49	77°9.00	3776.5	3788	"	"	10.0	266
"	14:00	68°19.98	77°23.44	3616.2	3618	"	"	10.0	265
"	14:15	68°20.221'	77°30.239'	3621.7	3639	"	"	9.7	265
"	14:30	68°20.467'	77°37.136	3566.8	3580	"	"	9.9	266
"	15:00	68°21.365'	77°48.904'	3616.2	3630	"	"	10.6	267
"	15:35	68°21.481'	78°5.520'	3568.5	3577.0	"	"	9.8	264.3
"	16:00	68°21.881'	78°16.766'	3591.3	3561.1	"	"	10.8	268.2
"	16:30	68°22.384'	78°30.796'	3628.4	3642.0	"	"	10.8	265.0
"	16:45	68°22.638'	78°37.548'	3657.9	3673.0	"	"	10.6	264.4
"	17:00	68°23.878'	78°41.758'	3665.4	3675.6	"	"	10.3	283.4
"	17:30	68°23.257'	78°55.437'	3747.8	3792.0	"	"	10.0	253.3
"	18:00	68°23.755'	79°09.378	3759.5	3762.0	"	"	10.9	267.5
"	18:30	68°24.200	79°29.532	3743	3752.0	"	"	9.8	261.0
"	19:00	68°24.681	79°35.427	3729	3746	"	"	10.4	264.5
"	19:30	68°25.167	79°48.923	3706	3771	"	"	10.3	264.4
"	20:00	68°25.661	80°02.531	3722	3739	"	"	10.7	263.1
"	20:30	68°26.971	80°15.524	3707	3721	5000	5000	10.8	266.9
"	21:00	68°27.068	80°29.407	3757	3774	"	"	10.9	269.9
"	21:30	68°26.965	80°43.456	3813	3829	"	"	10.5	271.2
"	22:00	68°27.587	80°57.169	3811	3825	"	"	10.3	265
"	22:30	68°28.065	81°10.445	3697	3714	"	"	9.4	264
"	23:00	68°28.489	81°22.527	3714	3728	"	"	8.6	263
"	23:30	68°28.874	81°34.389	3740	3753	"	"	8.6	262
18.02.06	00:00	68°29.337	81°46.316'	3631	3653	"	"	8.4	264
"	00:30	68°29.756'	81°58.173'	3698	3711	"	"	8.5	265
"	1:00	68°30.152'	82°10.221'	3652	3671	"	"	9	265
"	1:30	68°30.528'	82°22.058'	3635	3656	"	"	8.5	265
"	2:00	68°30.951'	82°33.810'	3550	3570	"	"	9.0	260



Weiche

Geröl
Geröl

Abgeschaltet wegen Stationsarbeiten
Eingeschaltet

Christina

schlechte Reflektoren
12⁵⁵ wieder bessere Reflektoren

CD

Channel (~40 m deep) with relatively high western levee
Noticed that axis overlap was set to 50 m → changed it to 0 m

Mannuel

16⁰⁵: ADC level vermindert (parametric): 20 dB → 12 dB
 16²⁰ - 16²⁵: sehr schübes Sediment, ziemlich homogen und tief @ gut g
 16³⁰: gutes Sediment: homogen + gut geschichtet
 16⁴⁰: ADC level vermindert (NBS): 36 dB → 26 dB
 17⁰³: homogene Oberfläche + tiefes Sediment / +/- geschichtet / Kompaktion
 16¹⁰ - 17⁰⁵: intermediäre Schicht mit grobem Material (30-40 m. tief im Sediment)
 17¹⁰ - 18⁰⁰: eindringende Tiefe kleiner (20m) Härte ? / schlechte Schichtung (keine eigentlich)
 17³⁵: ADC level NBS: 26 dB → 36 dB / 17⁴⁰: 36 → 26 dB (NBS)
 17⁵⁰: ADC level PAR: 12 → 6 dB

PAR:

Andreas

A/D Conv. 6 dB NBS: A/D Conv. 26 dB

Andreas

Keine Schichtung erkennbar, langwellige Oberfläche

Andreas

Sediment zeigt Schichtung, Mächtigkeit ≈ 20 m bis 25 m

Andreas

" " " " " "

Katja

mächtige hemipelagische Sedimentschichtungen > 25 m

Katja

— " —
Ablagerungen diffus und dünner, keine Schichten erkennbar

Katja

tolle Schichtung, oberste Lagen fallen zum Hang hin aus

Kristin

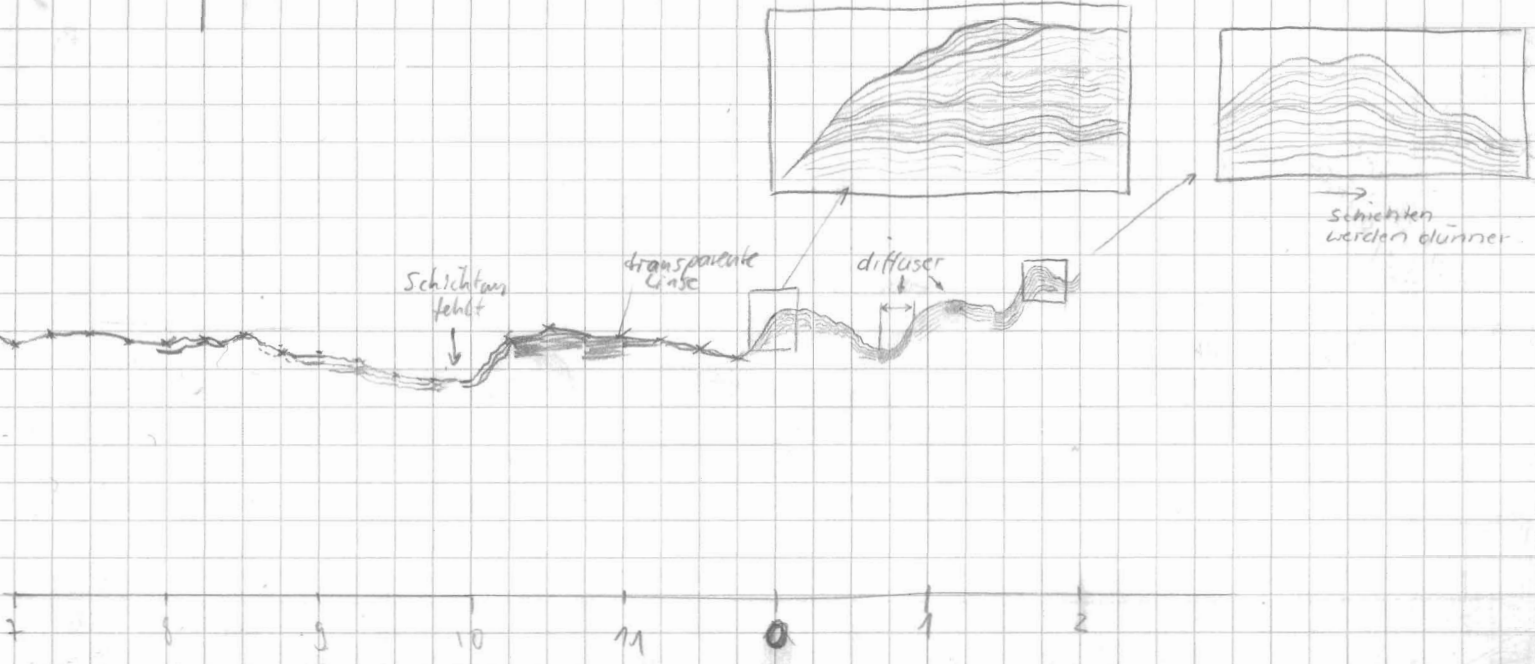
→ einzelne Linsen, hohe Eindringtiefe > 50 m z.T.

Kristin

ab 0⁴⁰ keine Schichten mehr zu erkennen → diffus, ab 0⁵² wieder tolle Schichtung mit 50m Eindringtiefe

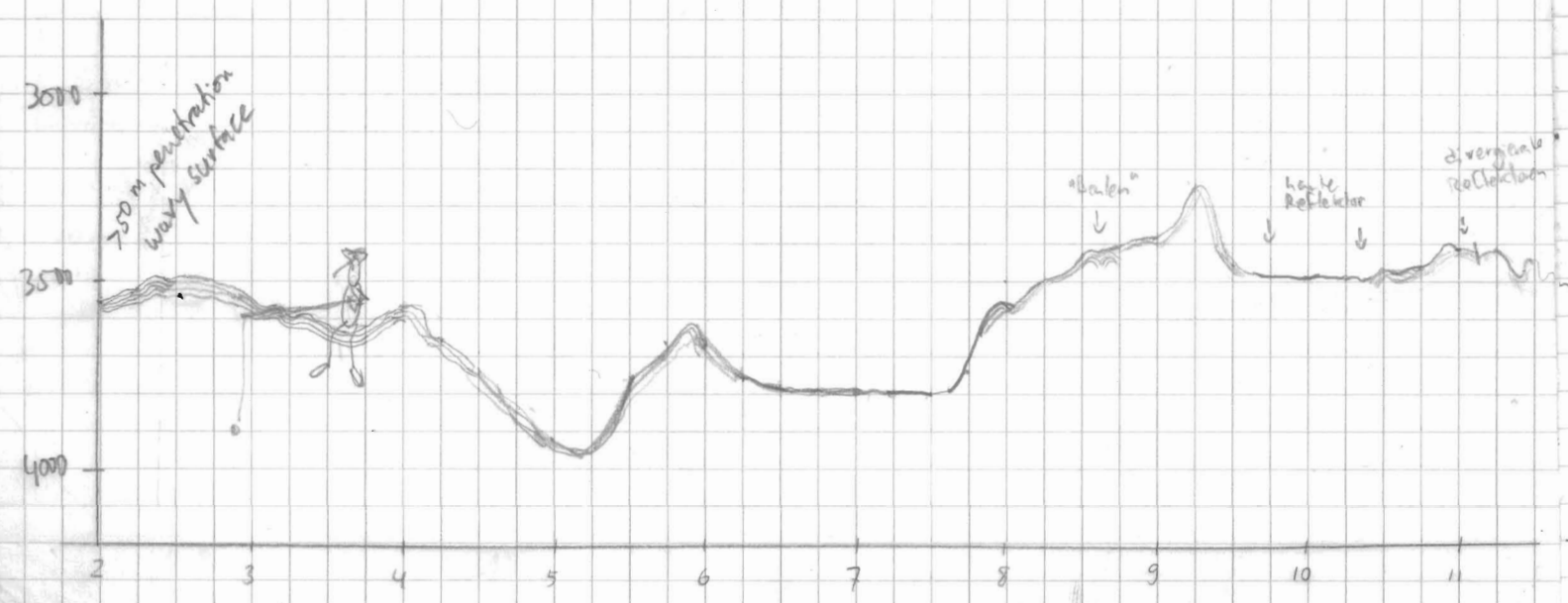
Kristin

Bereiche mit guter Schichtung (< 50m) wechseln mit diffusen schlecht aufgelösten



date	UTC	Lat S	Long W	depth PS	depth HS	depth range	pulse mode	speed	course
18.02.06	2:30	68° 31.45'	082° 45.73'	3495	3511	5000	minimal	9.3	264
18.02.06	3:00	68° 31.87'	082° 54.71'	3542	3605	"	"	8.6	265
"	3:30	68° 32.31'	083° 10.21'	3625	3642	"	"	8.9	266
"	4:00	68° 32.76'	83° 22.68	3520	3598	"	"	9.0	266
"	4:30	68° 33.16	83° 34.37	3774	3758	"	"	9.0	266
"	5:00	68° 33.61	83° 46.98	3905	3920	"	"	8.9	267
"	5:30	68° 34.05	83° 59.41	3935	3957	"	"	8.9	266
"	6:00	68° 34.94	84° 11.97	3682	3694	"	"	9.4	267
"	6:32	68° 34.97	84° 25.55	3794	3809	"	"	9.2	265
"	7:00	68° 35.38	84° 37.17	3792	3803	"	"	9.2	263
"	7:30	68° 35.28	84° 49.27	3801	3817	"	"	8.9	267
"	8:00	68° 36.26	85° 1.26	3592	3609	"	"	9.8	265
"	8:30	68° 36.72	85° 15.12	3433	3450	"	"	9.1	263
"	9:00	68° 37.16	85° 27.55	3386	3405	"	"	9.0	264
"	9:30	68° 37.61	85° 40.14	3444	3454	"	"	9.0	264
"	10:00	68° 38.04	85° 52.84	3497	3509	"	"	9.3	264
"	10:30	68° 38.49	86° 05.31	3482	3493	"	"	9.3	265
"	11:00	68° 38.96	86° 18.72	3412	3424	"	"	10.3	264
"	11:30	68° 39.43	86° 31.81	3540	3546	"	"	8.6	264
"	12:00	68° 39.85	86° 43.77	3690	3710	"	"	8.9	263

18.2.06	12:30	68° 40.25	86° 55.12	3656	3674	5000	minimal	8.8	265
"	13:15	68° 41.02	87° 9.08	3480	3487	"	"	9.6	269
"	14:30	68° 41.31	87° 25.36	3670	3683	"	"	10.7	263
"	15:00	68° 41.79	87° 38.88	3673	3688	"	"	10.0	265
"	15:30	68° 42.534	87° 50.57	3629	3644	"	"	10.2	275
"	16:00	68° 42.66	88° 4.15	3644	3649	"	"	9.8	262
"	16:15	68° 42.924	88° 11.221	3673	3684	"	"	10.2	265
"	16:30	68° 43.448	88° 16.888	3671	3684	"	"	10	277
"	17:00	68° 43.048	88° 30.789	3702	3718	"	"	10.1	272
"	17:30	68° 43.318	88° 43.366	3744	3757	"	"	9.3	278
"	18:00	68° 42.932	88° 57.821	3776	3789	"	"	"	"
"	18:30	68° 42.56	89° 11.62	3769	3787	"	"	10.3	275
"	19:00	68° 42.75	89° 25.73	3803	3815	"	"	9.9	267
"	19:30	68° 43.21	89° 39.79	3744	3763	"	"	10.1	264
"	20:00	68° 44.14	89° 52.59	3575	3595	"	"	9.5	283
"	20:19	68° 44.06	90° 2.19	3028	3070	"	"	"	"



Woche
Datum

Mathe
" "
" "

Christina
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" "

Janna Beulen der geschichteten Sedimente

Janna ab 9:35 keine Reflektoren mehr in d. Tiefe

Janna geschichtete Sedimente

Janna 10:45 Rutschung?

Janna 11:25 Füllung eines "Tals"

André 12:57 Stand-by Station

Uerd Weiterfahrt gute Schichtung, hohe Eindringtiefe, mehrere Rutschungen

Marion
" "
" "
" "

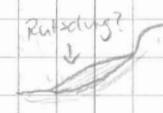
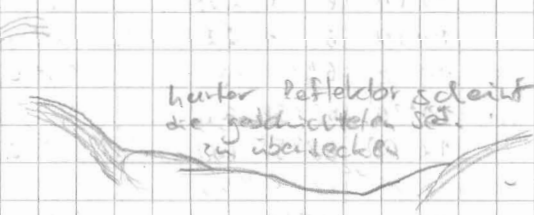
Selma Welliges Profil 25-50 m Eindringtiefe

" "
" "
" "
" "

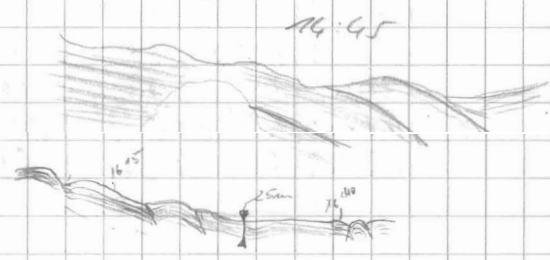
Uerd
" "
" "

Christina Station Peter I. Island

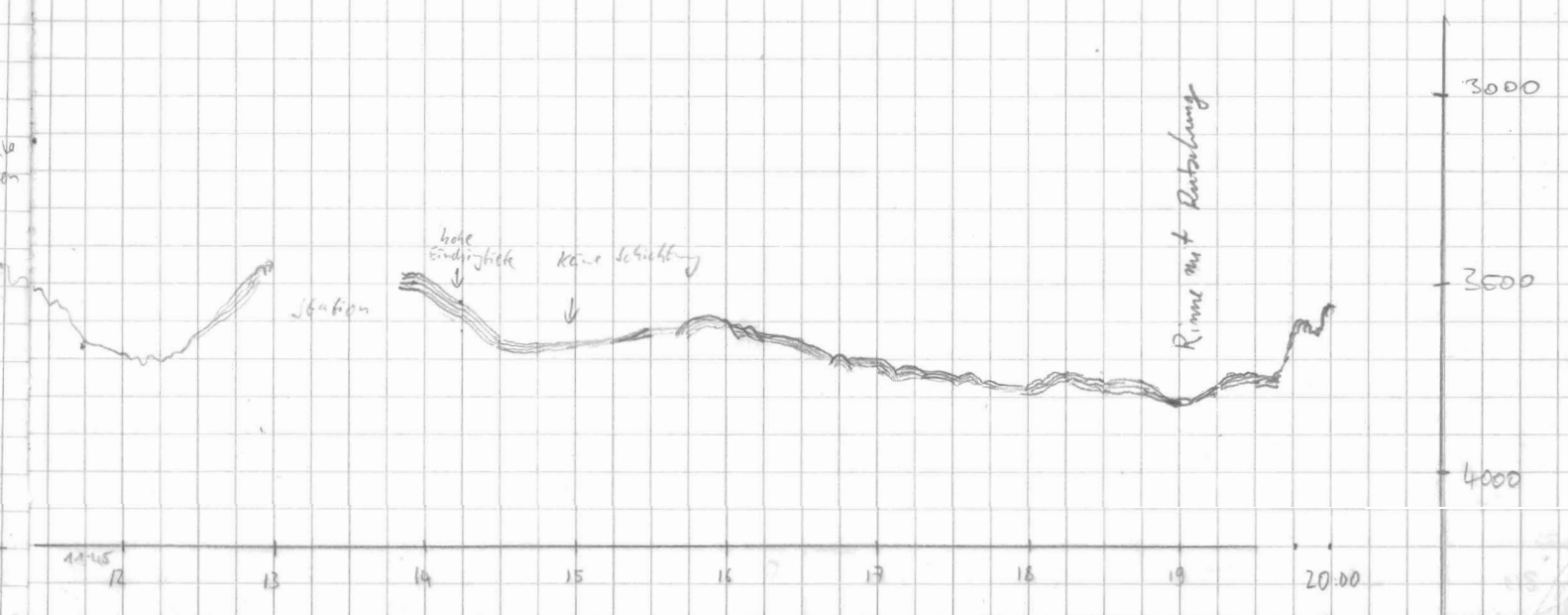
23:26 h → Start pinging and recording



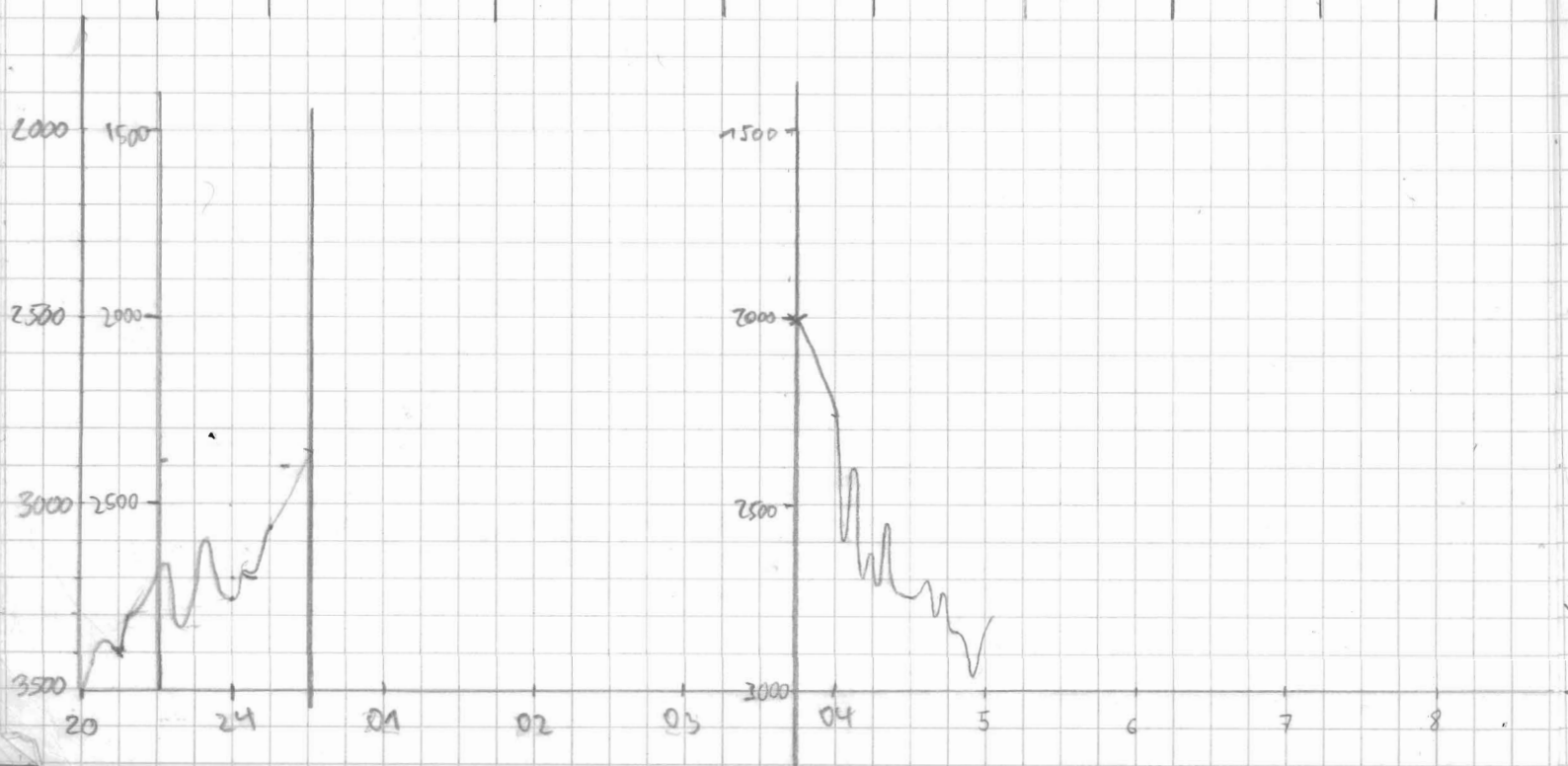
11:05 steile (oder steile) (25m) Störung?



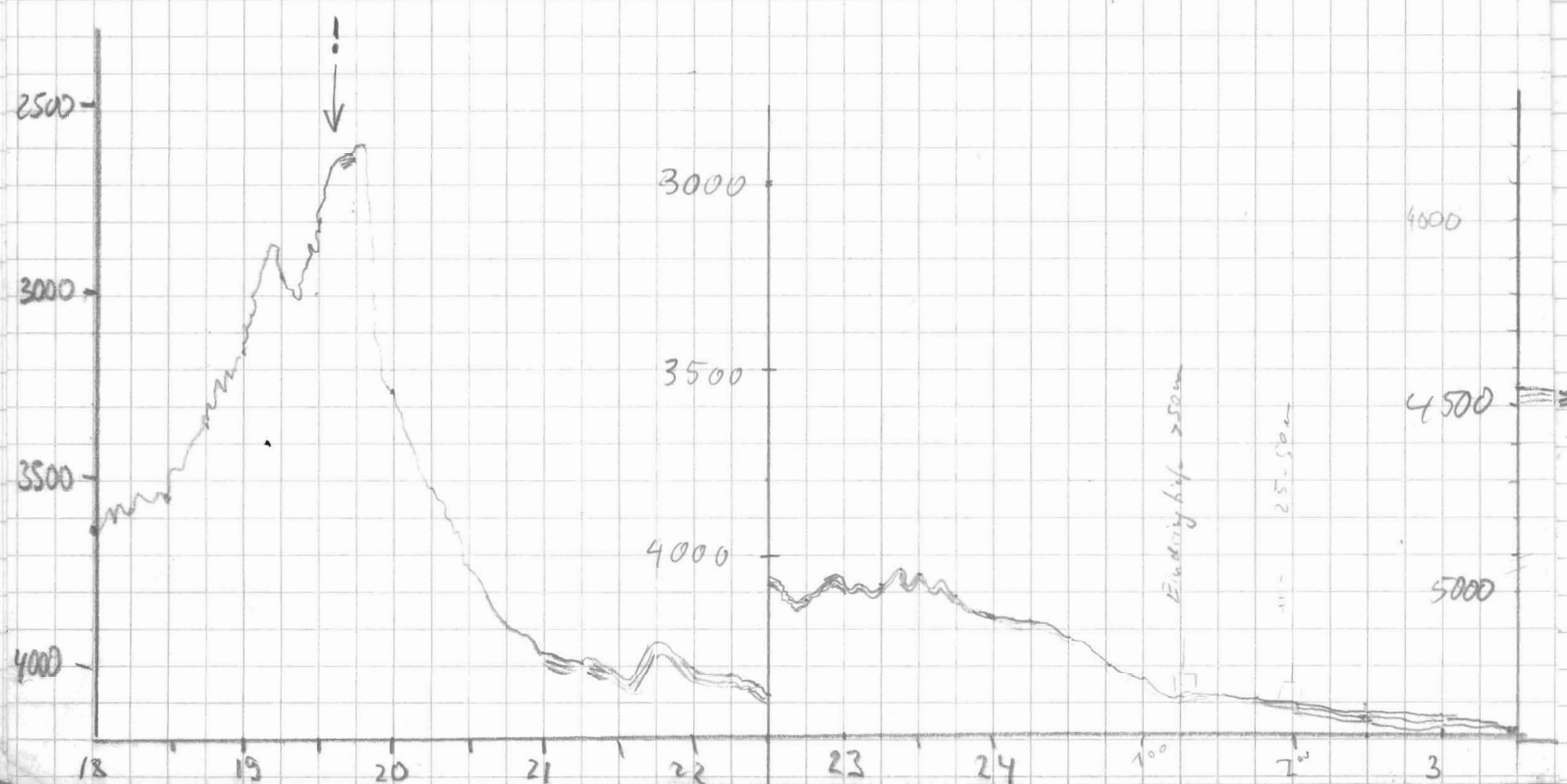
Gelände wird flacher



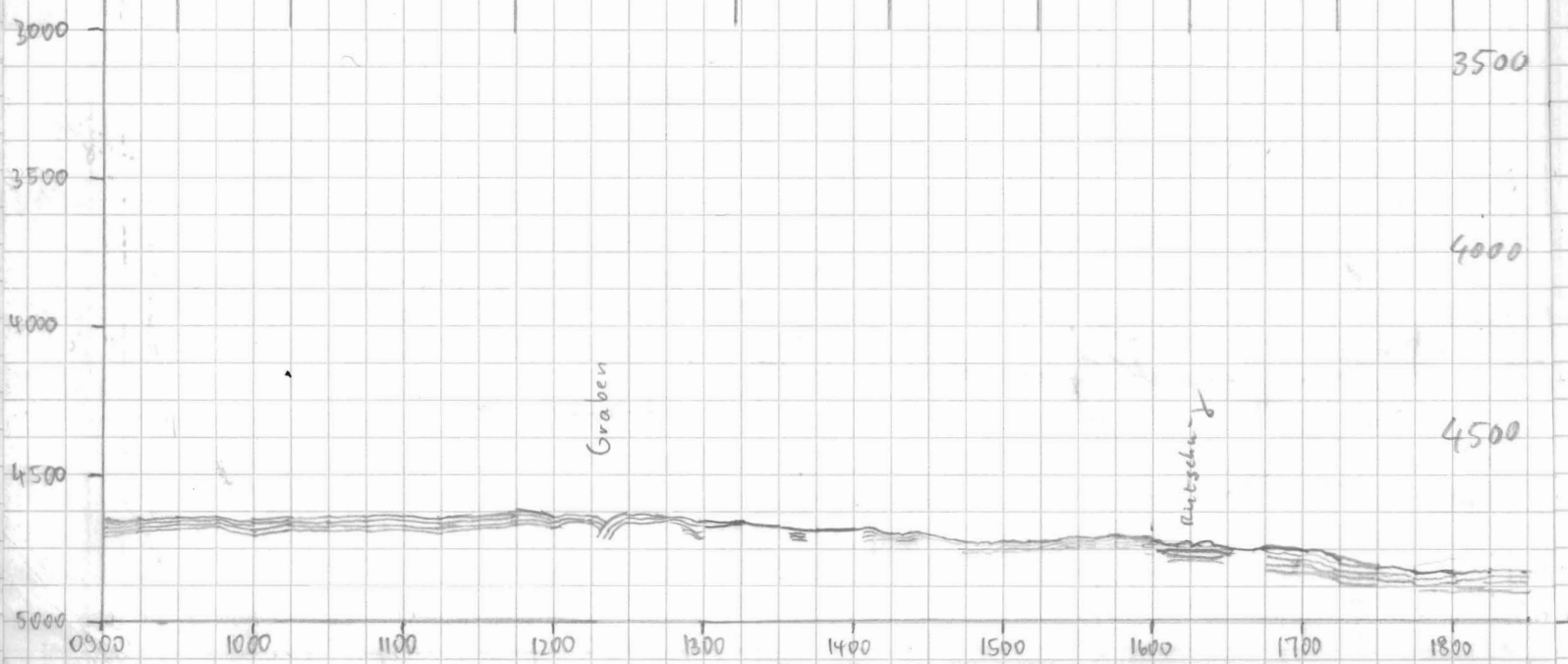
Date	UTC	Lat. S	Long. W	Depth PS	Depth HTS	Depth Range	Pulse mode	Speed	Course
18.02.2006	23:20	68° 44.087'	090° 04.531'	2887.5	2941.0	5000	Minimal	1.3	23.9
19.02.2006	00:00	68° 43.667'	090° 08.850'	2754.9	2754.0	5000	"	10.2	282.2
"	00:30	68° 43.211'	090° 22.191'	2336.1	2354.0	"	"	5.8	212.4
19.02.2006	03:40	68° 45.424'	090° 14.068'	1570.	1547	"	"	10.00	110.0
"	04:00	68° 46.218'	090° 07.736'	2264	2282	"	"	10	110
"	4:30	68° 49.334'	90° 02.271'	2708	2695	"	"	10,1	182
"	5:00	68° 54.156'	90° 03.766'	2881	2905	"	"	10,0	188
"	8:46	68° 54.186'	90° 06.300'	2770	2792	"	PAR	10,0	92
"	9:00	68° 55.205'	90° 04.223'	2787	2812	"	"	9,3	200
"	9:30	68° 59.819'	90° 07.916'	2712	2874	"	"	9,8	201,6
"	10:00	69° 0.853'	90° 21.635'	2276	2301	"	"	10,1	254,5
"	10:30	69° 1.700'	90° 34.985'	2072	2046	"	"	10,6	260
"	11:00	69° 1.361'	90° 49.825'	2621	2676	"	"	10,5	280
"	11:30	68° 58.248'	90° 56.091'	2518	2538	"	"	10,6	350
"	12:00	68° 53.682'	91° 0.885'	1834	1946	"	"	10,7	320
"	12:30	68° 48.99'	91° 8.260'	2532	2538	"	"	9,9	334
"	13:00	68° 47.23'	91° 12.17'	2987	2998	"	PAR/12	8,9	318
"	13:30	68° 43.91'	91° 20.74'	3490	3473	"	PAR/mini	9,3	318
"	14:00	68° 39.793'	91° 23.073'	3691	3737	"	"	9,2	1.0
"	14:30	68° 37.250'	91° 14.355'	3778	3797	"	"	8.2	59.8
"	15:00	68° 34.951'	91° 02.465'	3700	3727	"	"	8.6	87.8
"	15:30	68° 34.984'	90° 52.573'	3300	3339	"	"	8.6	90.4
"	16:00	68° 34.98'	90° 40.30'	3163	3168	"	"	9.9	84.6
"	16:30	68° 34.58'	90° 27.09'	3358	3378	"	"	10,1	91,6
"	17:00	68° 34.97'	90° 13.19'	3602	3643	"	"	10,0	92
"	17:30	68° 32.57'	90° 02.68'	3685	3691	"	"	9,6	133
"	18:00	68° 41.32'	89° 54.35'	3637	3656	"	"	9,7	156



Date	UTC	Lat S	Long W	Depth PS	Depth HS	Depth Range	Profile Mode	Speed	Count
19.2.06	18:30	68° 44.55	89° 53.56	3560	3549	5000	Part P.C	9.5	287
"	19:00	68° 42.66	90° 06.64	3182	3145	"	"	10.9	292
"	19:32	68° 40.60	90° 21.00	2824	2839	"	"	10.8	292
"	20:00	68° 36.93	90° 36.30	3255	3248	"	"	10.1	350
"	20:30	68° 31.80	90° 28.41	3745	3722	"	"	10.6	350
"	21:00	68° 26.66	90° 30.50	3955	3973	"	"	10.3	352
"	21:30	68° 21.53	90° 32.57	4011	4030	"	"	10.1	350
"	22:00	68° 16.790	90° 34.474	4000	4019	5000	5000	10.1	350
"	22:30	68° 11.670	90° 36.546	4092	4110	"	"	10.1	350
"	23:00	68° 6.850	90° 38.475	4087	4097	"	"	10.1	351
"	23:30	68° 1.673	90° 40.543	4067	4104	"	"	10.2	350
"	24:00	67° 56.721	90° 42.492	4161	4175	"	"	10.1	350
20.2.06	00:15	67° 54.246	90° 43.486	4171	4187	7000	moderate	10.2	349
"	00:30	67° 51.769	90° 44.442	4232	4239	"	"	10.2	348
"	01:00	67° 46.816	90° 46.415	4335	4356	7000	moderate	9.9	351
"	01:30	67° 41.857	90° 48.376	4386	4402	7000	"	10.1	349
"	2:00	67° 37.260	90° 50.202	4407	4421	7000	"	9.0	349
"	2:30	67° 32.740	90° 51.94	4422	4441	"	"	8.9	351
"	3:00	67° 26.93	90° 54.21	4439	4461	"	"	9.0	351
"	3:30	67° 23.74	90° 55.46	4475	4492	"	"	9.0	352
"	4:00	67° 19.35	90° 57.14	4496	4511	"	"	9.1	353
"	4:30	67° 14.614	90° 58.973	4463	4480	"	"	9.2	351.4
"	5:00	67° 10.019	91° 0.727	4540	4561	"	"	8.8	354.3
"	5:30	67° 5.636	91° 2.418	4619	4639	"	"	8.6	352.3
"	6:00	67° 1.250	91° 4.082	4627	4636	"	"	8.5	351
"	6:30	66° 56.829	91° 5.719	4608	4627	"	"	8.7	354.4
"	7:00	66° 52.810	91° 5.241	4527	4534	"	"	9.8	18.3
"	7:30	66° 55.305	91° 59.550	4609	4611	"	"	10.3	184.1
"	8:00	66° 52.625	91° 02.561	4478	4215	"	"	9.8	351.1
"	8:30	66° 48.677	91° 02.559	4043	4044	"	"	10.7	350
"	9:00	66° 43.678	91° 05.337	4619	4644	"	"	10.2	348.7



Date	UTC	Lat S	Long W	Depth BS	Depth HS	Depth range	Pulse mode	Speed	Course
20.02.2006	09:30	066° 38.976'	091° 06.679'	4621	4639	7000	moderate	9.3	430
"	10:00	066° 40.418'	091° 05.533'	4615	4640	"	"	8.8	299.8
"	10:30	066° 39.896'	091° 12.049'	4619	4637	"	"	9.3	169.6
"	11:00	066° 39.230'	091° 06.369'	4614	4640	"	"	8.1	158.7
"	11:30	066° 37.600'	091° 10.130	4616	4638	"	"	8.5	330.7
20.2.06	12:00	066° 33.946'	091° 14.808'	4618	4643	7000	moderate	8.6	333
"	12:30	066° 30.134'	091° 19.644	4615	4632	"	"	8.6	333
"	13:00	066° 26.305'	091° 24.516'	4642	4668	"	"	8.5	333
"	13:30	066° 22.571'	091° 29.258'	4653	4677	"	"	8.2	332
"	14:00	066° 19.194'	091° 33.508'	4657	4678	"	"	8.4	334
20/2/06	14:30	066° 15.123'	091° 38.614'	4662	4681	7000	moderate	8.4	334.4
"	15:00	066° 11.397'	091° 43.351'	4676	4695	"	"	8.3	334.8
"	15:30	066° 7.678'	091° 47.789'	4672	4696	"	"	8.2	333.2
"	16:00	066° 3.940'	091° 52.663'	4681	4699	"	"	8.5	333.3
"	16:30	066° 0.214	091° 57.316	4687	4717	"	"	8.6	333.2
"	17:00	065° 56.487	092° 02.059	4654	4718	"	"	8.2	334
"	17:30	065° 52.711	092° 06.660	4732	4752	"	"	8.3	337
"	18:00	065° 49.033	092° 11.255	4741	4760	"	"	8.1	337
"	18:30	065° 45.391	092° 15.742	4746	4769	7000	10000	8.2	331 A
"	19:00	065° 41.732	092° 20.273	4710	4737	"	"	8.2	330 A
"	19:30	065° 38.052	092° 24.788	4712	4734	"	"	8.4	337 A
"	20:00	065° 34.347	092° 29.349	4708	4721	"	"	8.1	331 A
"	20:30	065° 30.508	092° 33.359	4717	4740	"	"	8.1	342
"	21:00	065° 26.304	092° 37.344	4718	4724	"	"	9.7	337
"	21:30	065° 22.039	092° 41.374	4025	4081	"	"	9.0	337
"	22:00	065° 17.708	092° 45.454	4018	4036	"	"	9.0	335
"	22:30	065° 13.713	092° 49.945	3202	3276	"	"	10.3	45.4
"	22:46	065° 12.130	092° 40.830	3425	3441	"	"	0.7	331 A
21.12/06	01:10	65° 12' 15	092° 40' 87	3419	3443	"	"	2.4	312 A
"	01:30	65° 40' 41	92° 39' 94	3377	3344	"	"	9.3	15.6
"	01:55	65° 6' 88	92° 43' 73	2286	2234	5000	"	8.0	319
"	02:00	65° 6' 48	92° 44' 69	1912	1948	"	"	7.9	323
"	02:30	65° 03' 41'	092° 51' 46'	890	864	"	"	9.0	315
"	03:00	65° 00' 46'	092° 58' 08'	1864	1846	"	"	8.5	312
"	03:30	64° 57' 34'	093° 04' 22'	2195	2177	"	"	8.3	337
"	04:00	64° 53' 98	093° 09' 49'	3195	3183	"	"	7.8	309



Wache
0
8
7
7

10:52 Dreihkreise beendet

André
Grabenstruktur

Jo good signal

furrows

penetration depth ~20-30m, layers; 15:23 data missed?

penetration depth ~30-50m, layered sed

Nick 16-16³⁰ Rutsche

Nick Eindringung ~ 100m

Nick Eindringung ~ 100m

Nick ~ 60m, starke Reflektoren

Andreas Eindringung > 80m, deutliche Reflektoren

Andreas " ≥ 100m, " " "

Andreas " > 80m, deutliche, starke Reflektoren

Andreas " ≥ 50m, " " " "

Kaja Seamount schwer nachzusehen

Kaja

Kaja

Kaja

Kaja

Kristin sehr steile Hänge, ständig auf und ab

Station PAR, 5.5 kHz, Band Pass Low Cut 4

PS/69-246-1, Beginn 22:46, Ende:

Christina Station beendet, PAR-Pilot, Band Pass Low Cut 2 kHz, Frequenz 4 kHz

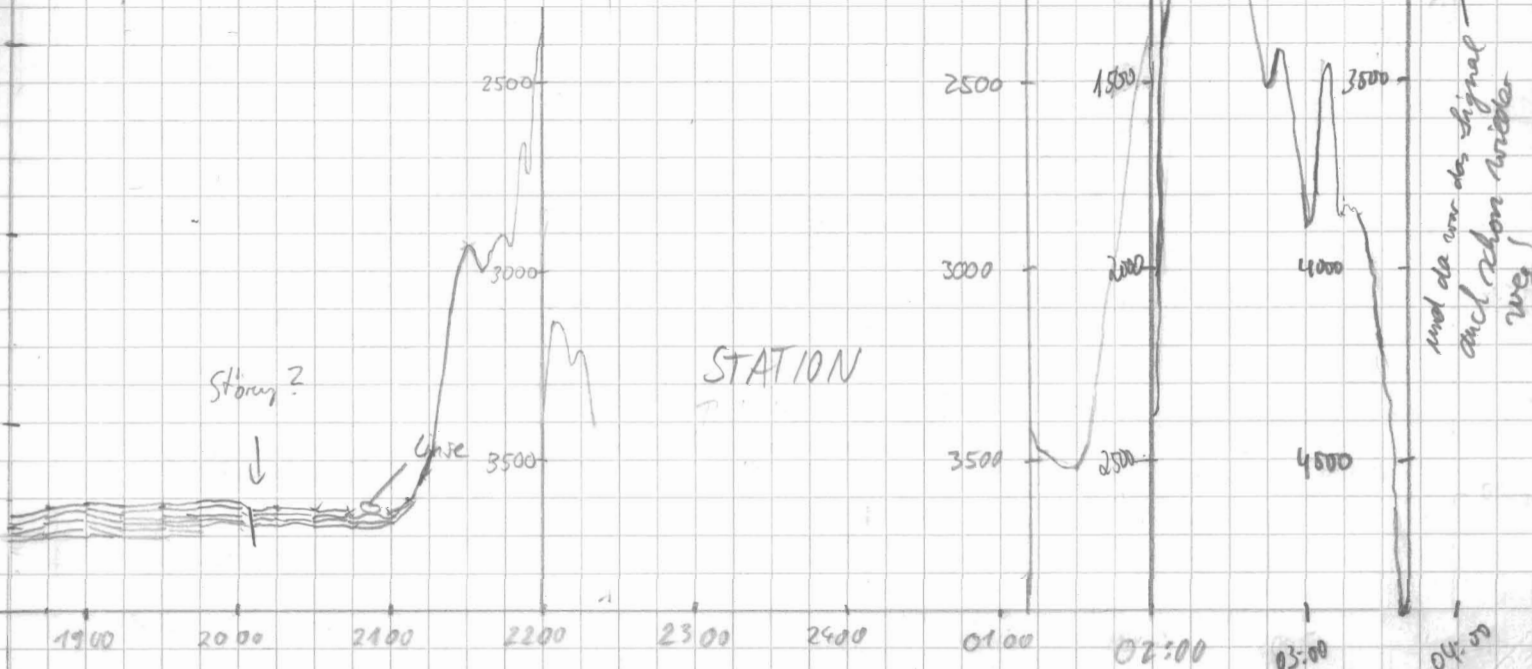
schlechter Signal
Depth Range 5000

Mabe

"

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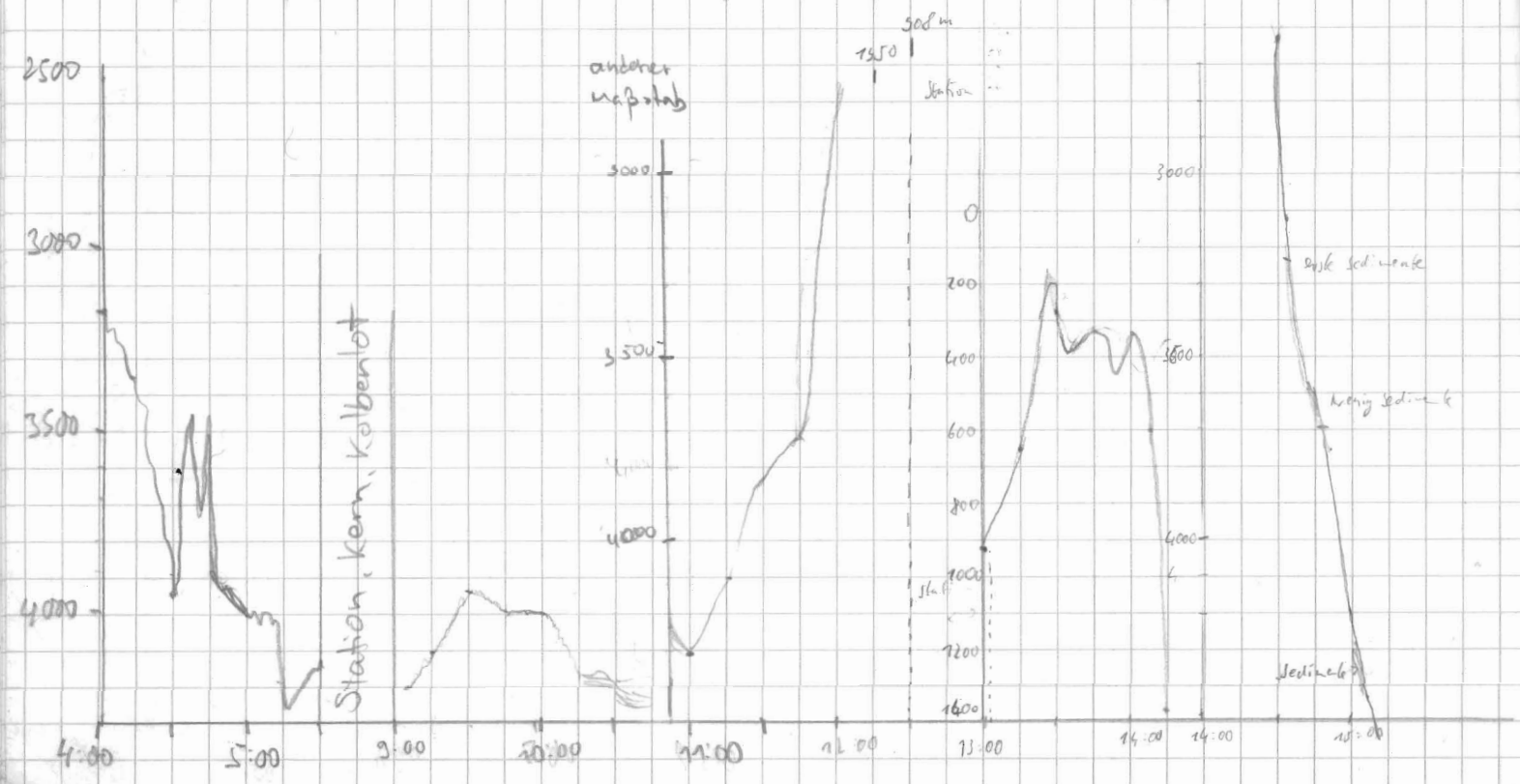


SEDIMENTE / / /

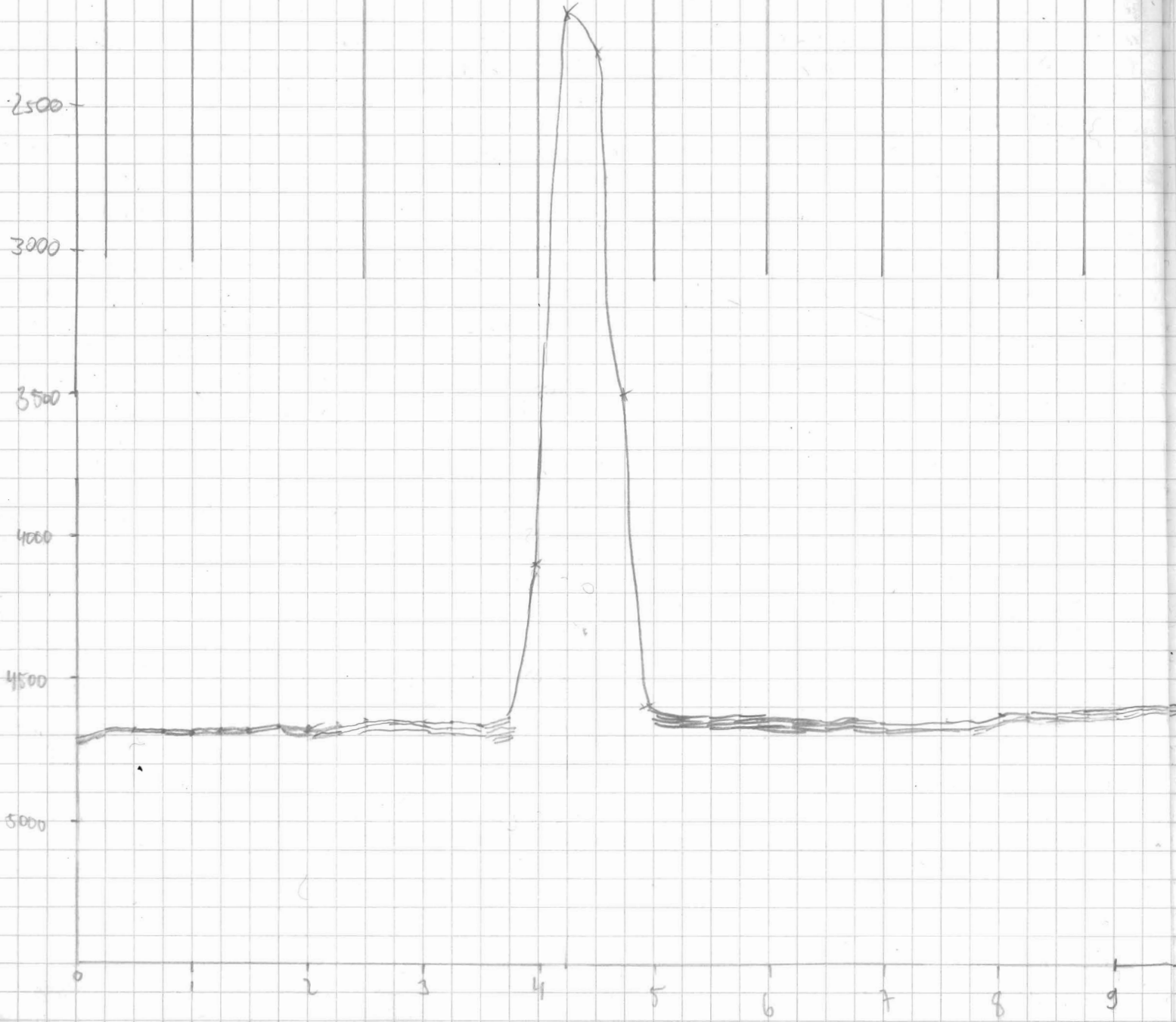
Ein erstes schwaches Signal seit ca. 2:00 Uhr!

und da vor dem Signal auch schon wieder weg!

22 Date	UTC	Lat. S	Long W	Depth PS	Depth HS	Depth range	Pulse made	Speed	Course
21/2/06	4:30	64° 51.08	93° 16.55	3958	3526	5000	10000	8.7	315.0
"	5:00	64° 18.09	92° 25.52	3998	4012	"	"	8.0	314
"	5:30	64° 47.68	93° 21.08	4266	4197	"	"	8.5	240
"	08:04	64° 48.07	93° 33.70	4266?	4084	7000	"	7.2	120
"	09:15	64° 48.70	93° 32.04	4099	4124	7000	"	9.8	90
"	09:30	64° 48.75	93° 26.17	3556	3930	7000	"	10.5	88
"	10:00	64° 48.83	93° 16.36	4007	3923	"	"	10.7	80
"	10:30	64° 48.91	93° 02.86	4193	4203	"	"	9.6	92
"	11:00	64° 48.99	92° 51.05	4318	4308	"	"	10	89
"	11:30	64° 53.45	92° 52.41	3839	3845	"	"	9.7	191
"	12:00	64° 58.40	92° 55.14	2759	2803	5000	"	10	191
"	12:50	65° 2.24	92° 57.85	897	906	"	"	7.2	327
"	13:00	65° 2.23	92° 57.87	919	915	"	"	8.3	334
"	15:30	65° 4.59	92° 58.75	"	286	"	"	10.5	199
"	14:00	65° 9.63	93° 7.33	(5705)	324	"	"	10.9	193
"	14:30	65° 14.62	93° 3.95	2612	2624	"	"	9.8	188
"	15:00	65° 19.33	93° 6.63	4248	4306	"	"	8.8	192
"	15:50	65° 25.35	93° 11.73	4730	4753	"	"	9.0	208
"	16:00	65° 27.25	93° 77.26	4724	4739	"	"	8.5	218
"	16:30	65° 31.41	93° 23.16	4746	4772	7000	10000	9.6	219
"	17:00	65° 35.43	93° 28.95	4771	4792	"	"	9.2	213
"	17:30	65° 37.76	93° 32.30	4779	4793	"	"	9.7	208
"	18:00	65° 41.91	93° 38.27	4769	4783	"	"	9.9	211
"	18:30	65° 46.017	93° 44.060	4761	4781	"	"	9.3	213
"	19:00	65° 48.735	93° 47.989	4756	4772	"	"	7.3	187
"	19:30	65° 52.753	93° 53.808	4750	4769	"	"	9.9	216
"	20:00	65° 56.878	93° 59.762	4748	4768	"	"	9.6	208
"	20:30	66° 0.862	94° 5.546	4742	4760	"	"	9.4	205
"	21:00	66° 5.176	94° 11.788	4732	4750	"	"	9.6	214
"	21:30	66° 9.347	94° 17.83	4722	4740	"	"	9.6	211
21/2/06	22:00	66° 13.456	94° 23.821	4718	4735	"	"	9.7	210.7
"	22:30	66° 17.683	94° 30.063	4704	4725	"	"	9.7	204.0
"	23:00	66° 21.940	94° 36.268	4692	4707	"	"	9.8	211.1
"	23:30	66° 26.185	94° 42.565	4695	4706	"	"	9.8	211.8
"	24:00	66° 30.446	94° 48.851	4677	4691	"	"	9.9	207.4



24 Date	UTC	Lat. S	Long. W	Depth PS	Depth HS	Depth Range	Pulse mode	Speed	Course
22/2/06	00:30	66° 34.710	94° 55.12	4669	4682	7000	10000	9.9	212
"	01:00	66° 38.326	95° 1.381	4663	4670	"	"	9.8	209.4
"	01:30	66° 43.080	95° 7.563	4653	4671	"	"	9.5	204.1
"	02:00	66° 47.224	95° 13.757	4645	4662	"	"	10	213.2
"	02:30	66° 51.417	95° 20.100	4641	4652	"	"	9.5	2138
"	03:00	66° 55.671	95° 26.475	4644	4664	"	"	9.5	214.9
"	03:30	66° 59.860	95° 32.814	4660	4678	"	"	9.8	212.7
"	04:00	67° 03.989	95° 39.042	4621	4684	"	"	9.3	210
"	04:30	67° 08.390	95° 45.690	2376	2115	"	"	10.2	206
"	05:00	67° 12.413	95° 51.814	3526	3737	"	"	9.7	208
"	05:30	67° 16.583	95° 58.105	4656	4670	"	"	8.9	217
"	06:03	67° 21.323	96° 05.489	4651	4669	"	"	9.9	206
"	06:30	67° 24.909	96° 10.917	4649	4666	"	"	9.6	210
"	07:05	67° 29.989	96° 18.732	4634	4657	"	"	10	217
"	07:30	67° 33.518	96° 23.811	4633	4644	"	"	9.2	211
"	08:00	67° 37.293	96° 29.950	4628	4648	"	"	10.0	205
"	08:30	67° 41.619	96° 36.645	4613	4632	"	"	9.9	211
"	09:00	67° 45.748	96° 42.079	4605	4625	"	"	10.0	214
"	09:30	67° 45.910	96° 49.562	4598	4617	"	"	8.9	213
"	10:00	67° 54.108	96° 56.140	4591	4610	"	"	9.5	208
"	10:30	67° 58.368	97° 2.822	4590	4607	"	"	9.6	217



Watch

Mammel

"

"

Nick

Nick

Nick

at 03:35 > 70 Eindringung

Katja

Parasound Depth = 4652, Bild = 4950m ?

Katja

alles wieder normal, wahrscheinlich habe ich die Multiple aufgezeichnet

Katja

Katja

Katja

Andreas

Eindringtiefe ≥ 40 m, deutliche und starke Reflektoren

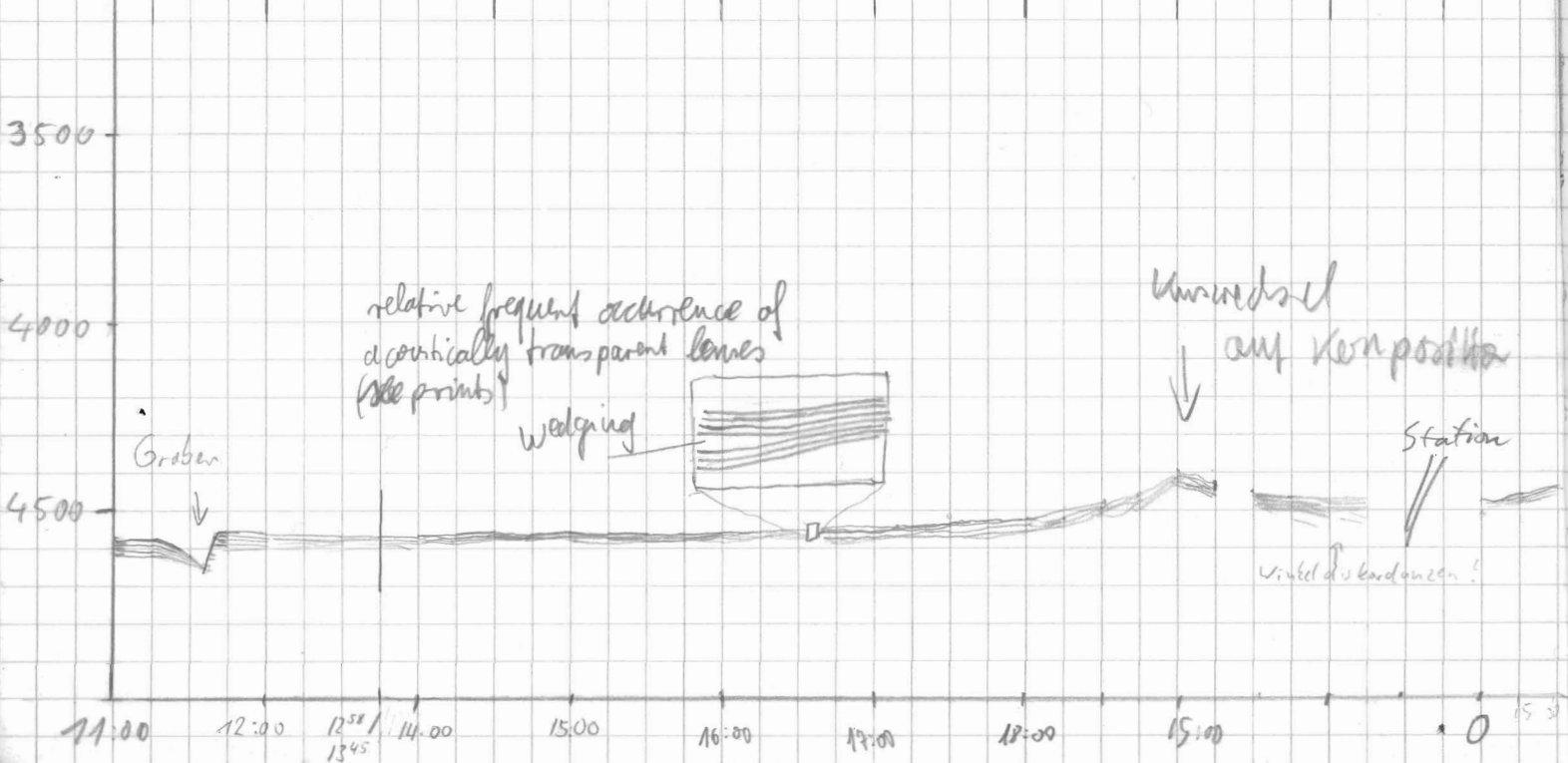
Andreas

Andreas

Andreas

Andreas

Date	UTC	Lat. S	Long. W	Depth PS	Depth HS	Depth Range	Puls Mode	Speed	Course
22.02.2006	11:00	68° 02' 580	97° 09' 498	4584	4603	7000	10000	9.9	210
"	11:30	68° 06' 864	97° 12' 765	4610	4623	"	"	10.0	210
"	12:00	68° 11' 263	97° 23' 197	4570	4594	"	"	10.0	204
"	12:40	68° 17' 166	97° 32' 640	4574	4590	"	"	10.4	208
"	14:00	68° 20' 868	97° 38' 444	4572	4590	"	"	9.6	209
22.02.2006	14:30	68° 25' 297	97° 45' 642	4567	4584	7000	10000	10.0	209
"	15:00	68° 29' 675	97° 52' 594	4563	4583	"	"	9.6	208
"	15:30	68° 33' 886	97° 59' 385	4559	4575	"	"	10.8	211
"	16:00	68° 38' 123	98° 06' 283	4556	4577	"	"	10.8	209
"	16:40	68° 44' 17	098° 16.02	4552	4569	"	"	9.5	209
"	17:00	68° 47' 02	098° 20.65	4545	4566	"	"	9.6	211
"	17:30	68° 51' 28	098° 27.66	4536	4555	"	"	9.4	209
"	18:00	68° 55' 58	098° 34.65	4522	4542	"	"	9.4	216
"	18:30	68° 59' 88	098° 41.85	4490	4508	"	"	10.8	214
"	19:00	69° 4' 06	098° 48.56	4450	4477	"	"	9.1	209
"	19:35	69° 5' 86	98° 51.50	4434	4452	"	"	0.4	228
"	21:30	69° 5' 29	98° 50' 09	4442	4466	"	"	2.3	82.7
"	23:00	69° 4' 57	98° 48' 26	4448	4465	"	"	2.8	19.9
"	23:54	69° 3' 73	98° 44' 53	4471	4489	"	"	2.7	7.7
23/2/06	00:00	69° 3' 270	98° 43' 007	4475	4488	"	"	6.6	225
"	00:30	69° 6' 216	98° 53' 873	4438	4455	"	"	9.3	224
"	01:00	69° 9' 570	99° 3' 485	4409	4430	"	"	9.5	236
"	01:30	69° 13' 105	99° 12' 669	4385	4402	"	"	9.6	226
"	02:00	69° 16' 599	99° 21' 689	"	4366	"	"	10.4	220
"	02:30	69° 20' 51	99° 31' 81	4297	4301	"	"	10.5	222
"	03:00	69° 23' 00	99° 40' 78	4178	4193	"	"	9.7	224
"	03:30	69° 27' 58	99° 50' 21	4176	4191	"	"	10.6	215
23/2/06	04:00	69° 31' 226	99° 59' 624	4145	4169	"	"	9.7	229.3
"	04:30	69° 34' 943	100° 9' 359	4160	4183	"	"	10.7	220.2
"	05:00	69° 38' 733	100° 19' 286	4223	4240	"	"	9.4	224.4
"	05:30	69° 42' 525	100° 29' 246	4189	4207	"	"	10.1	222.6
"	06:00	69° 46' 260	100° 39' 115	4169	4179	"	"	11.2	223.6
"	06:30	69° 49' 999	100° 49' 009	4169	4169	"	"	9.7	222.9
"	07:00	69° 53' 691	100° 58' 863	4123	4147	"	"	9.7	229.8
"	07:30	69° 57' 363	101° 8' 590	4104	4118	"	"	9.1	224.9
"	08:00	70° 0' 916	101° 18' 079	4038	4061	"	"	8.0	234.5



Wald

Andreas

Ein dringtiefe ≈ 40 m; deutliche, starke Reflektoren ≈ 20 m

Andreas

Ein dringtiefe in Rinne ≈ 20 m, Asymmetrische Grube mit 80 m Wand

Andreas

Ein dringtiefe ≈ 40 m; deutliche, starke Reflektoren ≈ 30 m

Kristin

Kristin

12⁵⁸ auf Standby wegen CTD, 13⁴⁵ wieder angeschaltet

André

"

"

Walter

"

"

Andrian

19:15 Kernwechsel, Paralleler Kernposition, Standby Betrieb

"

"

Markus

"

Ward

Ende Station
Ein dringtiefen ≈ 10 m, Sedimentkette
Sedimentkette

Selen

Stef

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Ward

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Jo

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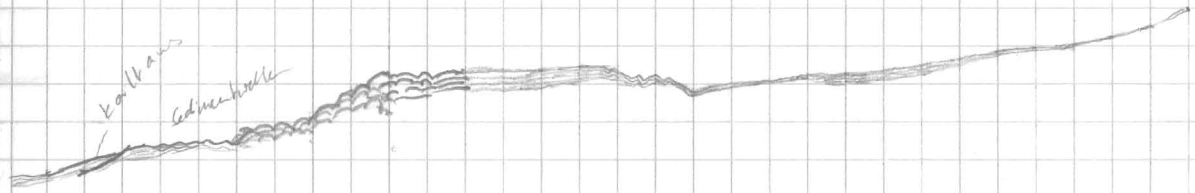
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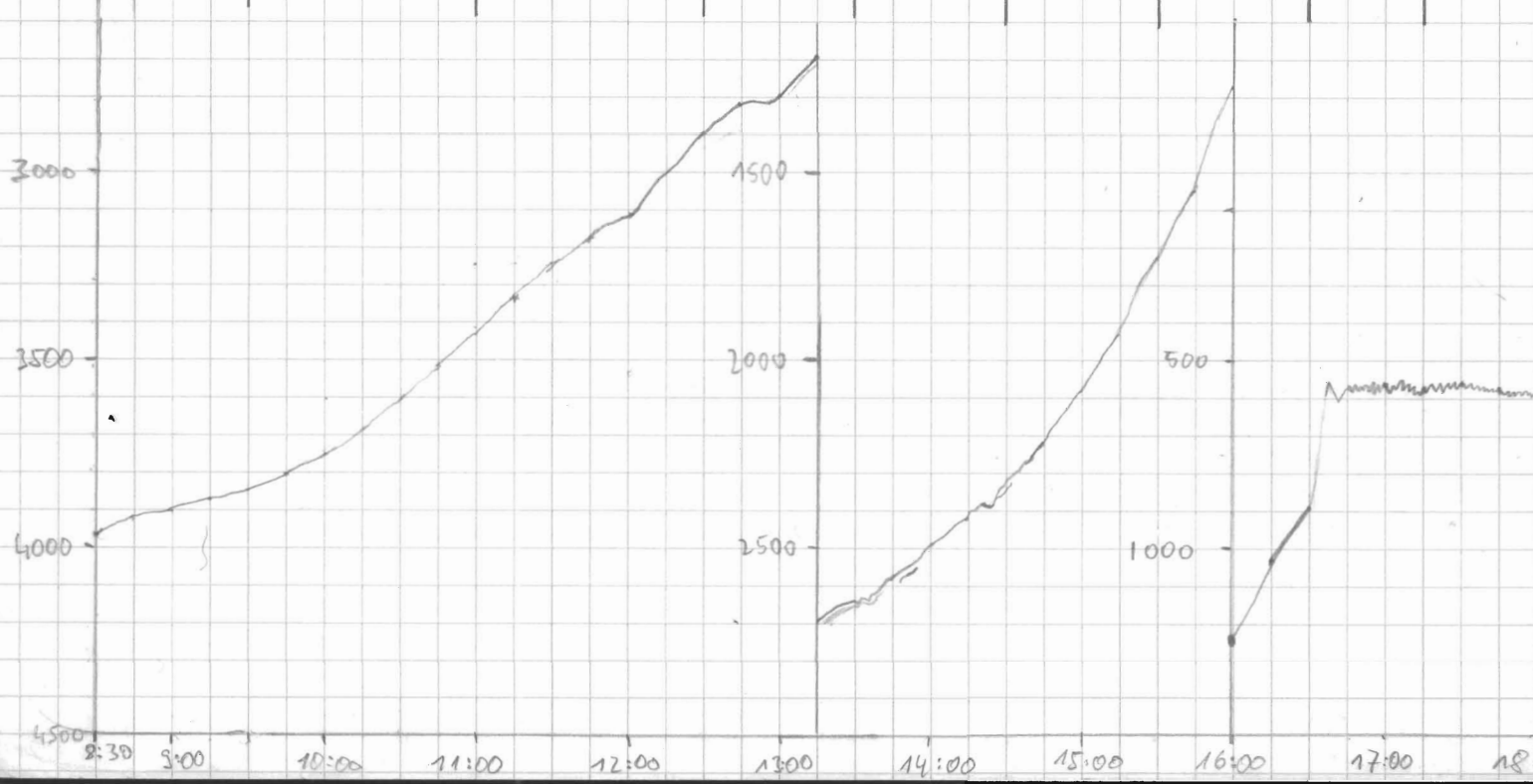
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7

8

28 Date	UTC	Lat. S	Lat. W	Depth PS	Depth HS	Depth Range	Pulse mode	Speed	Course
23/02/06	08:30	070° 04.643'	101° 28.213	3950	3969	7000	10000	10.6	215
	09:00	070° 08.214'	101° 37.750	3855	3912	"	"	11.9	215
	10:30	070° 11.845'	101° 47.510'	3859	3881	"	"	9.3	221
	10:00	070° 15.486'	101° 57.384'	3785	3767	"	"	9.6	214
	10:30	070° 19.066'	102° 07.077'	3600	3619	"	"	8.7	220
	11:00	070° 22.559'	102° 16.744'	3425	3440	"	"	9.5	234
	11:30	070° 26.114'	102° 26.253	3235	3246	"	"	10.2	223
	12:00	070° 29.646'	102° 35.852	3111	3120	"	"	8.5	229
	12:30	070° 33.267	102° 45.783	2858	2905	"	"	9.0	228
	13:00	070° 35.226	102° 48.708	2791	2801	5000	"	10.0	217
	13:30	070° 38.606	102° 59.608	2632	2639	"	5000	8.6	233
	14:00	070° 42.071	103° 10.097	2482	2492	"	"	9.1	230
	14:30	070° 45.58	103° 19.790	2324	2332	"	"	9.9	224
	15:00	070° 48.36	103° 50.259	1920	1912	"	"	8.9	212
	15:30	070° 54.15	103° 35.987	1711	1718	"	"	10.2	198
	16:00	070° 58.657	103° 41.927	1329	1332	"	"	8.7	198
	16:30	71° 3.145	103° 47.868	876	882	"	"	10.2	201
	17:00	71° 7.738	103° 53.962	563	565	1000	PAR	8.3	198.8
	17:15	71° 10.116	103° 56.978	566	562	"	"	9.6	198.2
	17:30	71° 12.418	103° 59.999	568	568	"	"	10.3	202.1
	18:00	71° 17.077	104° 6.082	577	579	"	"	9.5	201.6
	18:30	71° 21.794	104° 10.423	592.2	594.4	1000	PAR	11.7	185.7
	19:00	71° 26.830	104° 11.656	604.8	607.3	"	"	10.3	184.0
	19:30	71° 31.866	104° 12.890	617.4	614.4	"	"	10.1	184.4
	20:00	71° 36.749	104° 14.115	623.6	625.4	"	"	10.7	190.3
	20:30	71° 41.92	104° 16.80	633	632	"	"	8.5	190
	21:00	71° 46.95	104° 20.178	648	649	"	"	12.4	195
	21:30	71° 51.44	104° 24.92	633	633	"	"	9.1	189
	22:00	71° 56.53'	104° 25.75	420	617	"	"	2.1	173.8
	23:00	71° 57.52'	104° 25.04	604	607	"	WBS-PAR	1.6	176.2
	23:30	71° 28.23'	104° 24.67	598	599	"	PAR	1.3	161
24.02.06	00:00	71° 58'758	104° 24'289	597	597	"	"	0.5	288
"	00:30	71° 59'196	104° 24'189	1234?	596	"	"	0.3	311
"	01:00	71° 59'489	104° 24'234	600.2	594	"	"	5.5	165
"	01:30	71° 59'817	104° 24'316	645	589	"	"	2.5	170
"	01:58	72° 0.064	104° 24'472	597	596	"	"	7.3	334



Weteh

Nick

Nick

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Christina

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André

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Matee

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Silke

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Gerd

Katja

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mehrere Rutschungen

12:36 h: depth range → 5000 m ; 12:43 h: ship changes course for station (OBS release test)
12:52 h: cancellation of station due to swell
13:30 h: wavy reflectors

PAR - Modus / 1000

16⁴⁰: Shelf erreicht → Eisbergkratze (alt, da hohe (562 m.) Tiefe)

20:50 h: mega-scale glacial lineations

geändert von PAR auf OBS-PAR

Stecken gerade fest

Die ersten Eisfelder!!!



keine Eisbergrinde



19:00

20:00

21:00

22:00

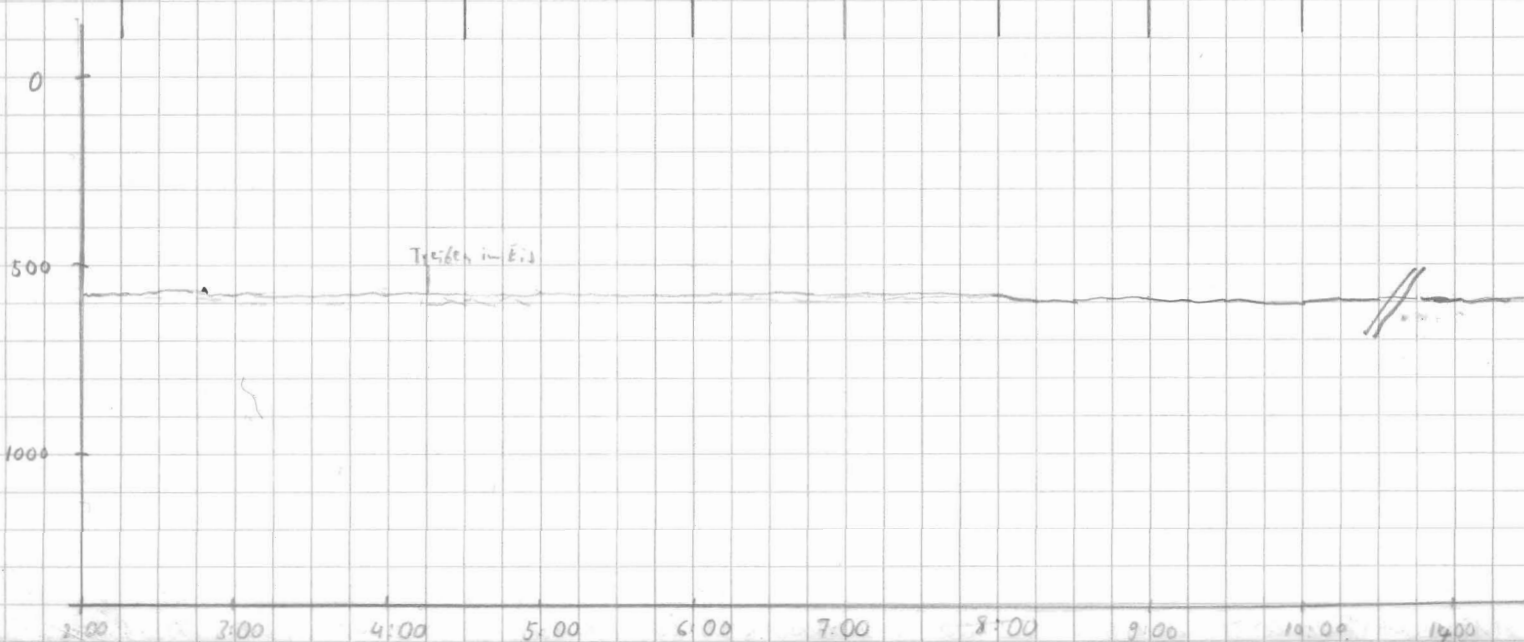
23:00

24:00

1:00

2:00

date	UTC	Lat S	Long W	depth PS	depth HS	depth range	pulse mode	speed	course
22/02/06	2:49	72° 0,447'	104° 24,948'	1222	596	1000	PAR	0,8	179
"	3:01	72° 0,691'	104° 25,062'	1186	594	"	"	2,2	344
"	3:30	72° 0,914'	104° 25,371'	594	594	"	"	4,8	175
"	3:59	72° 1,228'	104° 25,640'	1190	593	"	"	0,2	289
"	4:30	72° 1,567'	104° 25,697'	1178	594	"	"	0,6	193
"	5:00	72° 1,847'	104° 26,262'	1233	595	"	"	0,6	207
"	5:30	72° 2,130'	104° 26,566'	1207	595	"	"	0,6	195
"	6:00	72° 2,405'	104° 26,859'	1174	594	"	"	0,6	199
"	6:30	72° 2,757'	104° 27,177'	593	595	"	"	0,6	195
"	7:00	72° 3,001'	104° 27,426'	593	595	"	"	0,6	195
"	7:30	72° 3,296'	104° 27,652'	594	593	"	"	0,6	198
"	8:00	72° 3,590'	104° 27,843'	594	594	"	"	0,6	193
"	8:30	72° 3,884'	104° 27,998'	597	597	"	"	0,5	188
"	9:00	72° 4,182'	104° 28,113'	596	597	"	"	0,5	184
"	9:30	72° 4,473'	104° 28,178'	594	596	"	"	0,6	183
"	10:00	72° 4,764'	104° 28,208'	596	597	"	"	0,6	180
"	10:30	72° 5,044'	104° 28,196'	596	597	"	"	0,5	177
"	11:00	72° 5,317'	104° 28,154'	596	597	"	"	0,6	178
"	11:30	72° 5,557'	104° 28,084'	597	598	"	"	0,5	180
"	12:00	72° 5,793'	104° 27,994'	578	598	"	"	0,5	175
"	12:30	72° 6,02'	104° 27,881'	599	599	"	"	0,4	174
"	14:45	72° 6,88'	104° 27,53'	600	601	"	PAR	0,4	356
"	16:45	72° 8,05'	104° 27,89'	605	604	"	"	3,7	203
"	17:00	72° 8,35'	104° 28,39'	609	607	"	"	0,4	176
"	18:00	72° 8,71'	104° 28,69'	604	605	"	"	1,2	250
"	19:00	72° 09,07'	104° 29,00'	606	607	"	"	2,0	285
"	20:00	72° 09,35'	104° 30,84'	614	605	"	"	5,3	285
"	21:00	72° 09,631'	104° 31,41'	608	607	"	"	0,4	173
24/2/06	22:00	72° 09,974'	104° 31,535'	609	605	"	"	2,2	293
"	23:00	72° 10,247'	104° 32,103'	611	607	"	"	5,4	276
25/2/06	24:00	72° 10,574'	104° 32,514'	608	609	"	"	3,4	120
"	01:00	72° 10,788'	104° 32,853'	610	611	"	"	0,2	290
"	02:00	72° 10,167'	104° 32,835'	613	616	"	"	2,2	356



Bemerkungen

Wolch
 Kristin starke Abweichung von PS und HS depth
 " "
 " " PS- u HS-depth stimmen wieder überein
 " " starke Abweichung v. PS u. HS-depth
 Martin wir lassen uns jetzt treiben

"
 "
 "
 "
 "
 "

Stefan wir sind im Eis festgefroren

"
 "
 "
 "
 "
 "
 "

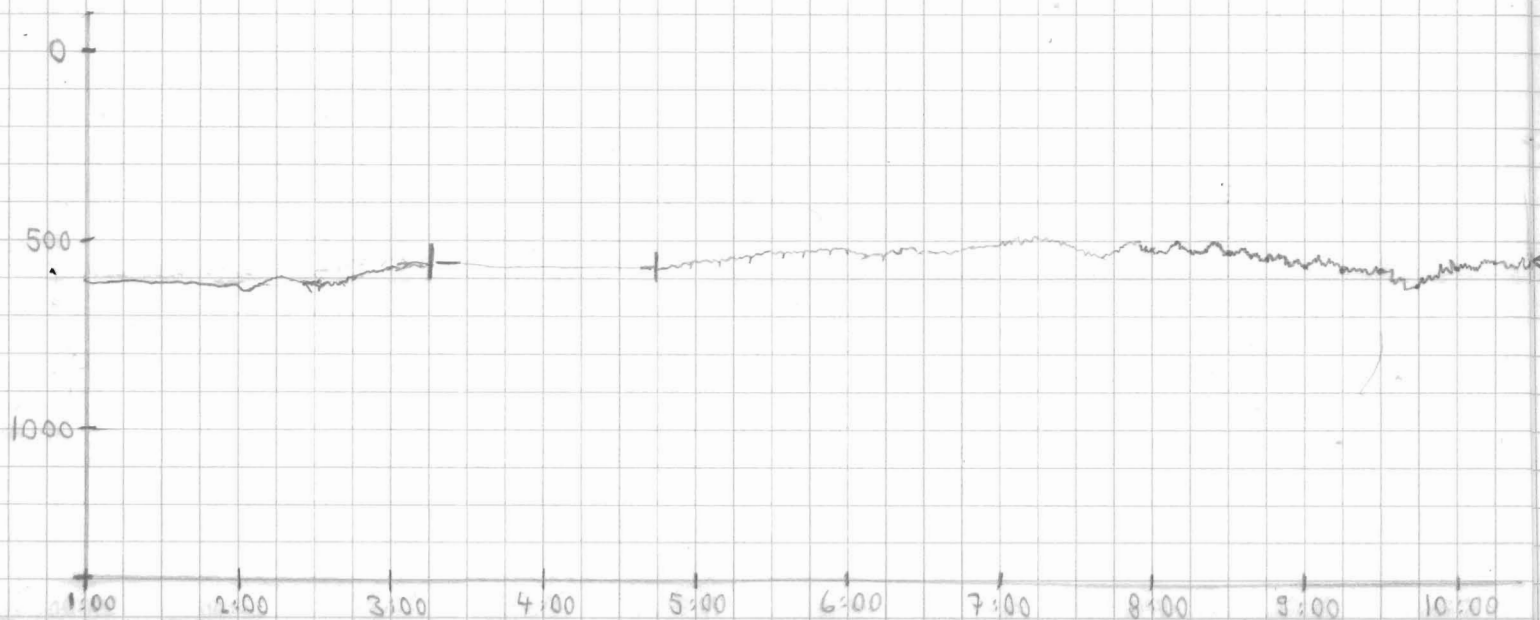
Gerd 12:37 abgeschaltet wegen Fischereilot-Test
 " Schiff bricht Eis, Drehung nach SW

Alexia Rammfahrt

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

Fickzackkurs

Date	UTC	Lat S	Long W	depth PS	depth HS	depth range	pulse mode	speed	course	w
25/2/06	02:30	72° 8' 76.8	104° 34' 736	558.9	661.2	1000	5000	6.1	335	A
"	03:00	72° 6' 694	104° 43' 790	449.9	576.9	"	"	9.6	305	A
"	03:30	72° 6' 896	104° 48' 291	566	570	"	"	-	-	A
"	4:57	72° 5' 991'	104° 53' 568'	560	557	"	"	7.8	298	K
"	5:30	72° 4' 796'	105° 3' 912'	531	531	"	"	6.7	294	
"	6:00	72° 3' 073'	105° 12' 069'	520	519	"	"	5.7	300	
"	6:30	72° 1' 888'	105° 21' 662'	526	531	"	"	6.0	308	
"	7:00	71° 59' 602'	105° 28' 129'	519	520	"	"	8.7	311	
"	7:30	71° 57' 475'	105° 39' 713'	509	510	"	"	10.7	300	
"	7:55	71° 58' 006'	105° 39' 811'	509	509	"	"	10.2	358	
"	8:00	71° 57' 528	105° 41' 337	525	526	"	PAR	10.2	302	
"	8:30	71° 57' 253	105° 41' 317	527	528	"	PAR	10.1	304	
"	9:00	71° 54' 457	105° 56' 375	554	562	"	PAR	10.8	500	
"	9:30	71° 51' 671	106° 10' 294	577	578	"	"	10.4	319	
"	10:00	71° 48' 481	106° 22' 211	572	575	"	"	10	318	
"	10:30	71° 48' 247	106° 29' 546	552	552	"	"	10.2	128.3	
"	11:00	71° 51' 427	106° 19' 243	564	567	"	"	0.7	94.9	
"	12:21	71° 51' 16'	106° 18' 71'	587	589	"	"	5.4	49	
"	12:30	71° 51' 68'	106° 15' 81'	573	573	"	"	9.9	126	
"	13:00	71° 54' 36	106° 01' 311	555	558	"	"	10.7	116	
"	13:29	71° 57' 13	105° 47' 60'	544	547	"	"	10.9	128	
"	14:00	71° 57' 95	105° 38' 95	507	507	"	"	3.9	24	
"	14:50	71° 56' 07	105° 37' 28	505	508	"	"	5.1	12.4	
"	15:00	71° 73' 76	105° 37' 25	501	502	"	"	5.3	28.7	
"	15:30	71° 51' 333'	105° 29' 992	502	502	"	"	5.4	18.4	
"	16:00	71° 48' 930	105° 26' 746	533	536	"	"	5.0	26.5	
"	16:30	71° 46' 504	105° 23' 546	545	545	"	"	5.3	27.2	
"	17:00	71° 44' 150	105° 20' 418	548	548	"	"	5.0	27.8	
"	17:30	71° 41' 884	105° 17' 352	550	550	"	"	4.9	22.7	
"	18:00	71° 39' 608	105° 14' 335	558	553	"	"	5.3	22.4	
"	18:30	71° 37' 02	105° 10' 97	582	586	"	"	5.2	23.9	
"	19:00	71° 34' 71	105° 7' 80	602	603	"	"	5.7	21.7	
"	19:30	71° 32' 48	105° 4' 89	605	605	"	"	5.7	22.7	
"	20:00	71° 30' 108	105° 1' 49	597	595	"	"	5.4	24.6	
"	20:30	71° 27' 752	104° 58' 651	589	590	"	"	5.3	21.0	



Bemerkungen

Andreas Fahrt mit $\approx 5-6$ Knoten wurde ab 02:20 wieder aufgenommen
 Andreas Eisfahrt, später wieder offenes Wasser
 Andreas Kursänderung von 305° auf 90° Station etwa um 3:15!
 Kristin Station ca. 440 Seendel

-"-
 -"-
 -"-
 -"-
 -"-
 -"-

Mannuel

"
 "
 "

Umdrehung

Station

Matze End of Station; start of profiling

"
 "
 "

Christia

Etwa 14:20¹⁴⁵⁰ deutliche playgrounds

Seit 15⁰⁰ wird zurück pedersen

Martin

Seismic

"
 "
 "

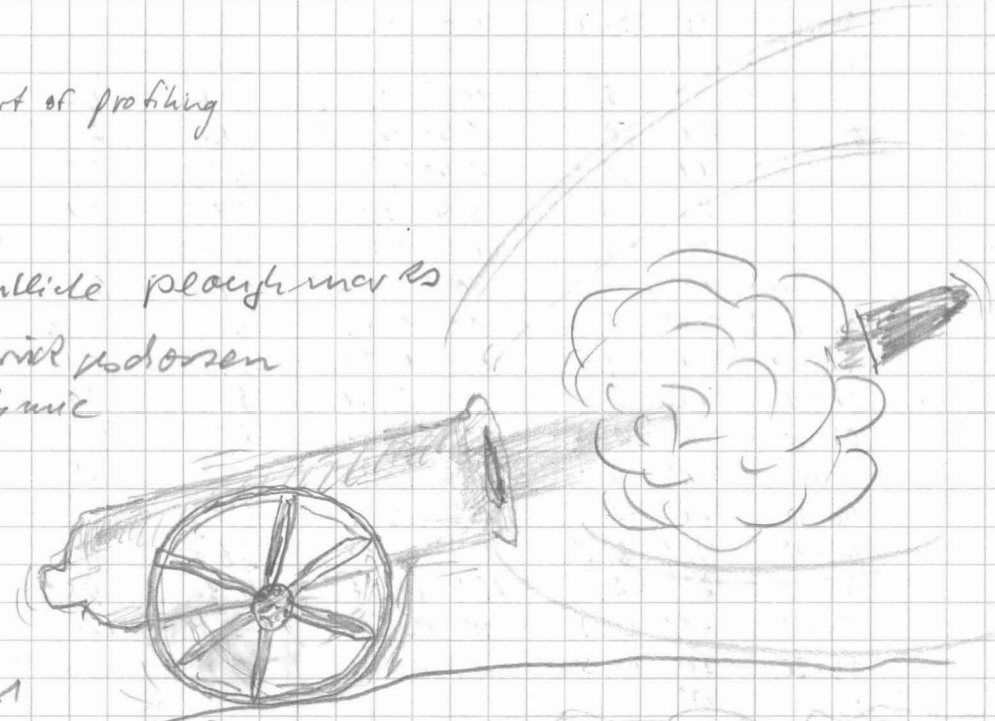
Werd

"

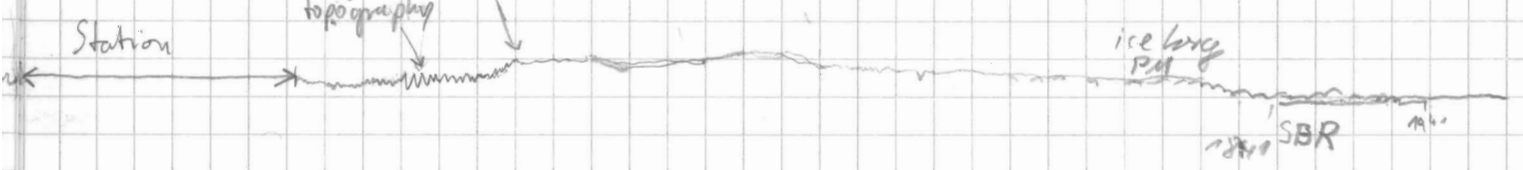
Stfan

"

SBR von 1841-1941
 SBR setzt wieder ein bei 1950-2003



slowing down due to
 deployment of steamers
 rougher
 topography

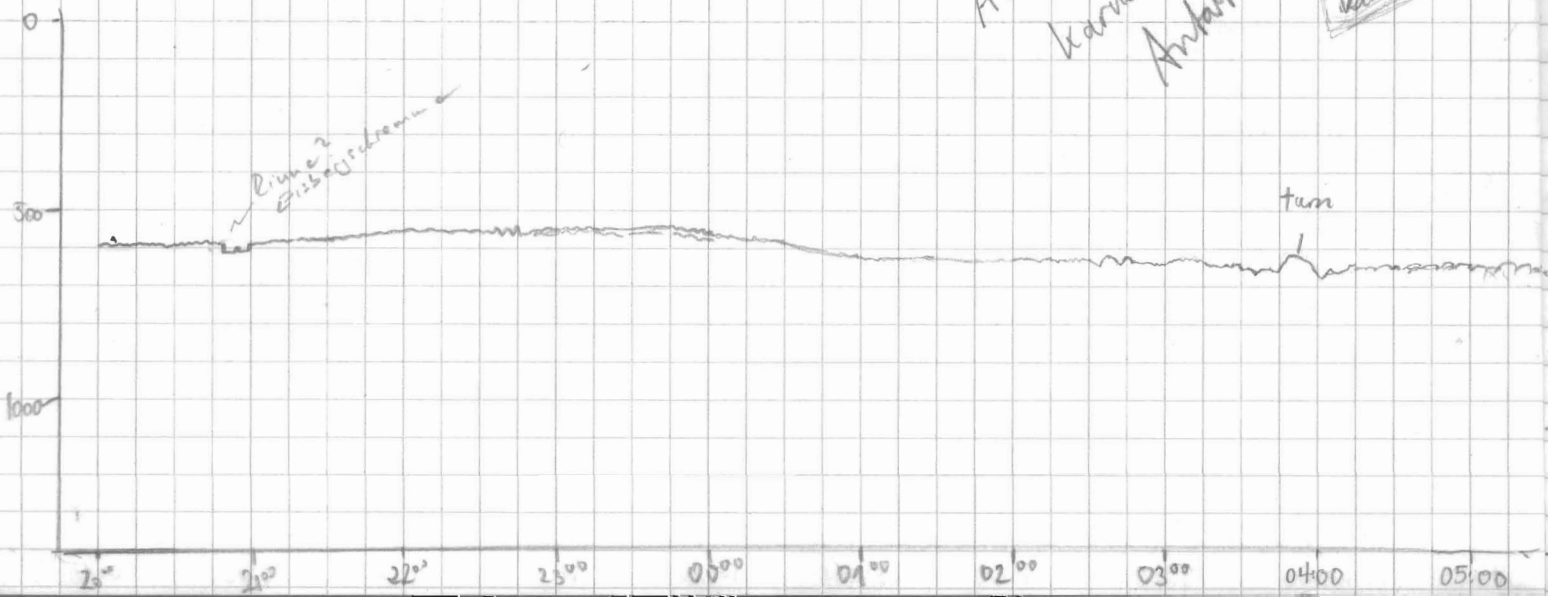


11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00

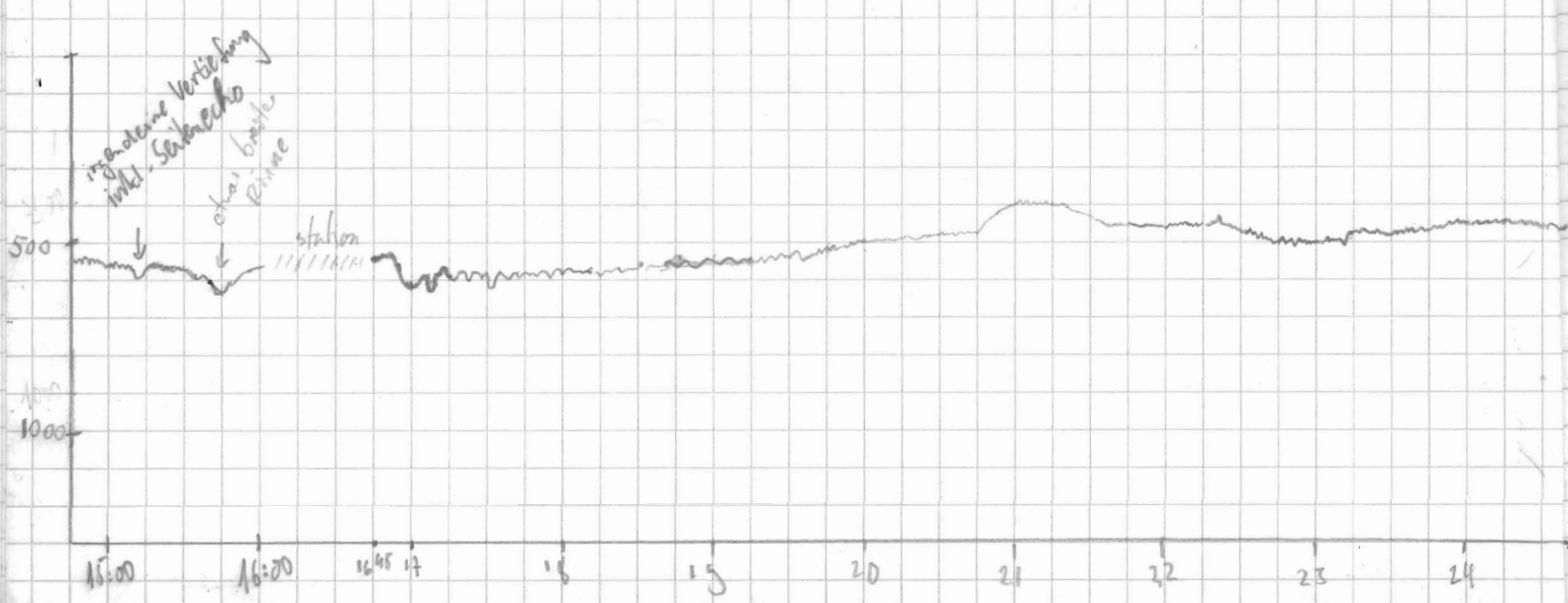
34 Date	UTC	Lat S	Long W	depth PS	depth HS	depth range	pulse mode	Speed	Course
29/01/06	21:00	71° 25.343	104° 55.464	524	587	1000	PAR	5.5	20.2
	21:30	71° 22.979	104° 02.398	528	577	"	"	5.0	19.5
	22:00	71° 20.731	104° 49.455	570	571	"	"	5.2	22.8
	22:30	71° 19.987	104° 43.224	565	563	"	"	5.0	87.0
	23:00	71° 20.000	104° 35.342	555	555	"	"	4.9	87.2
	23:32	71° 19.942	104° 27.825	560	563	"	"	3.5	79.0
26/02/06	00:00	71° 19.888	104° 20.157	579	580	"	"	10.7	97
	00:30	71° 21.898	104° 9.806	584	582	"	"	10.8	183.5
	01:00	71° 27.190	104° 13.918	604	603	"	"	11.1	182.4
	01:30	71° 32.550	104° 15.876	608	610	"	"	11.2	189.1
26/2/06	02:00	71° 37.930	104° 17.255'	623	625	1000	PAR	10.7	182.7
	02:30	71° 43.292'	104° 20.584'	629	631	"	"	11.1	192.3
	03:00	71° 48.452'	104° 25.827'	634	638	"	"	11.4	210.4
	03:30	71° 53.337'	104° 29.825'	645	646	"	"	10.6	146.2
	04:00	71° 55.226'	104° 24.731'	660	662	"	"	9.0	355.
	04:30	71° 50.30	104° 24.68°	647	648	"	"	10.3	32.7
	05:00	71° 45.49	104° 18.26'	650	647	"	"	10.9	15.1
	05:30	71° 40.33	104° 14.67	640	638	"	"	10.9	13.8
	06:00	71° 35.14	104° 12.40	623	634	"	"	10.6	10.7
	06:30	71° 29.96	104° 10.80	618	619	"	"	10.2	8.4
	07:00	71° 25.48	104° 7.20	609	608	"	"	9.7	126.8
	07:30	71° 30.60	104° 8.67	618	624	"	"	10.2	186
	08:00	71° 35.90	104° 10.49	629	631	"	"	10.8	182
	08:30	71° 41.09	104° 12.99	644	646	"	"	10.8	192
	09:00	71° 46.37	104° 16.46	664	664	"	"	10.7	193
	09:30	71° 51.00	104° 23.01	657	659	"	"	10.1	208
	10:00	71° 55.30	104° 20.00	668	670	"	"	8.8	42
	10:30	71° 50.76	104° 19.77	679	679	"	"	9.7	30
11:00	71° 46.27	104° 14.08	667	672	"	"	10.1	10	
11:30	71° 41.32	104° 11.01	658	659	"	"	10.0	15	
12:00	71° 42.91	104° 09.57	657	663	"	"	9.6	19.1	
12:30	71° 47.38	104° 12.67	687	688	"	"	10.5	15.2	

Wingendwamm nach 12:30 Uhr → Station PS69/255

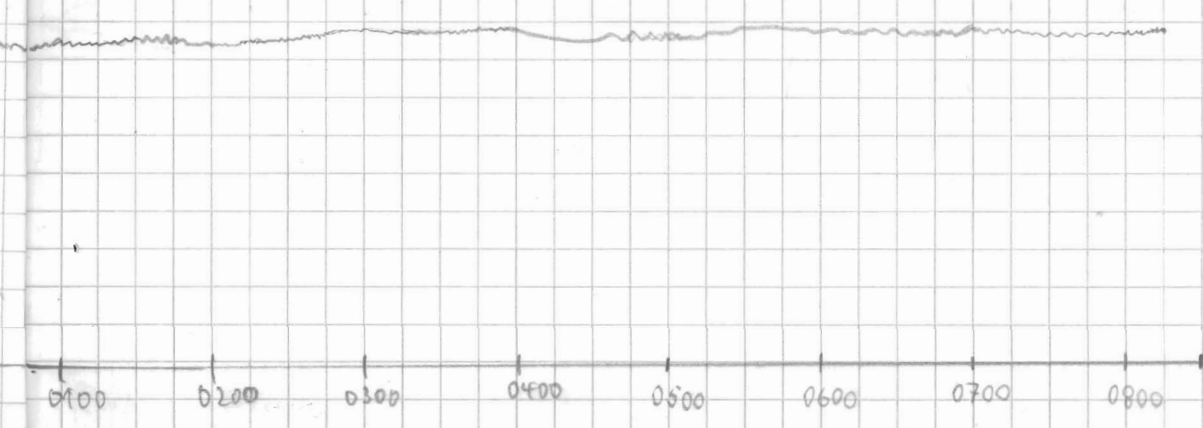
Alad, Helene
Karnaval in der
Antarktis!



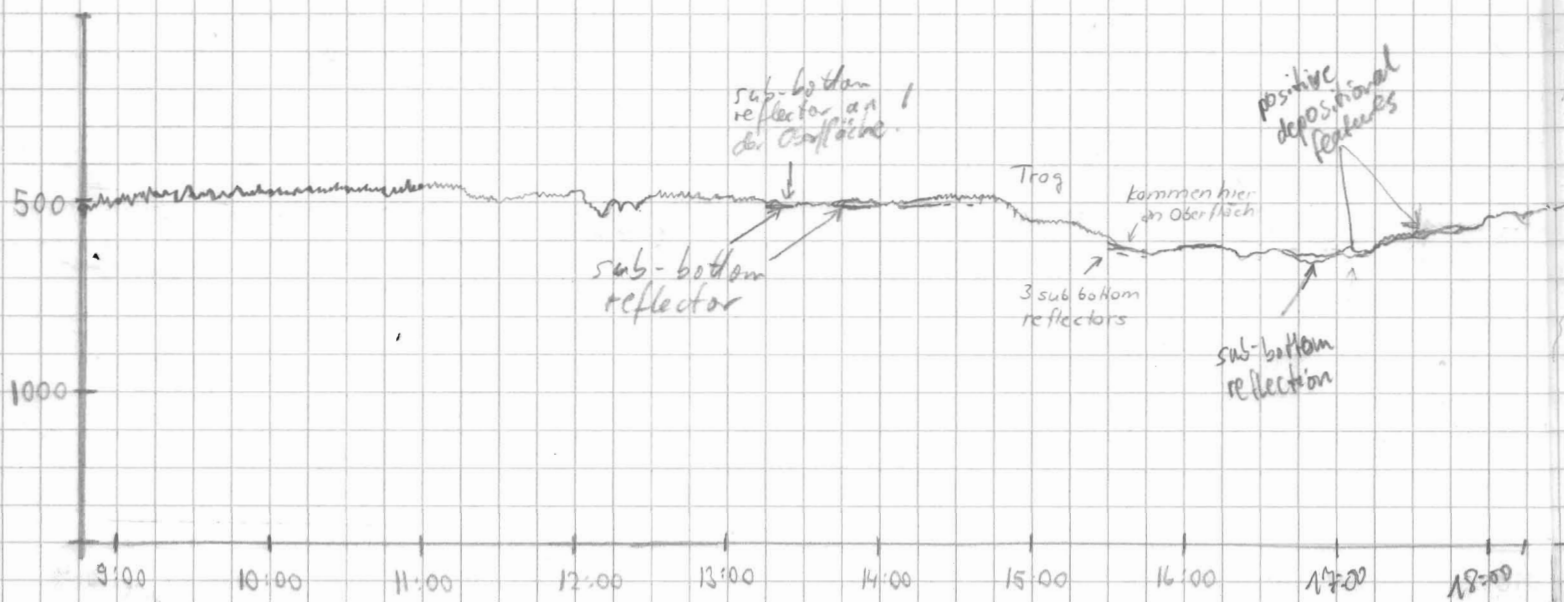
36 Date	UTC	Lat S	Long W	depth PS	depth HS	depth gauge	water gauge	Speed	Course
26/02/06	14:50	71° 47.84	104° 51.68	650	650	1000	PAR	9.7	287
"	15:00	71° 48.17	104° 18.60	669	668	"	"	10.2	100
"	15:30	71° 51.548	104° 18.521	687	687	1000	5000	10.5	210
"	16:00	71° 55.334	104° 20.048	666	669	"	"	9.7	229
"	17:00	71° 53.412	104° 15.368	715	778	"	"	8.9	348
"	17:30	71° 49.643	104° 11.180	697	686	"	"	9.9	338
"	18:01	71° 44.120	104° 7.562	680	682	"	"	10.0	13.9
"	18:30	71° 43.28	104° 14.30	655	656	"	"	10.0	244
"	19:00	71° 45.416	104° 20.48	621	622	"	"	9.6	247
"	19:30	71° 47.52	104° 42.05	610	619	"	"	9.8	245
"	20:00	71° 49.618	104° 55.905	588	590	"	"	10.0	243
"	20:30	71° 51.850	105° 10.686	588	593	"	"	10.2	245
"	21:00	71° 54.729	105° 25.640	507	503	"	"	10.3	246
"	21:30	71° 56.366	105° 40.432	524	524	"	"	10.4	243
"	22:00	71° 56.245	105° 53.760	549	552	"	"	10.2	115
"	22:30	71° 51.361	105° 53.088	571	572	"	"	10.5	305
"	23:00	71° 49.739	106° 53.37	597	602	"	"	7.1	293
"	23:30	71° 47.724	106° 15.123	572	582	"	"	7.7	310
"	00:00	71° 45.413	106° 23.994	571	571	"	"	6.9	287
27/02/06	00:30	71° 44.680	106° 34.924	561	561	"	"	7.3	279.1
"	01:00	71° 45.406	106° 46.013	554	558	"	"	7.5	246.7
"	01:30	71° 44.925	106° 57.398	551	552	"	"	7.3	282
"	02:00	71° 43.583	107° 08.888	543	549	"	"	7.4	285
"	02:30	71° 43.068	107° 20.229	541	543	"	"	7.5	286
"	03:00	71° 42.134	107° 31.669	532	534	"	"	7.5	285
"	03:30	71° 40.941	107° 46.383	530	531	"	"	10.6	284
"	04:00	71° 39.994	107° 58.046	530	532	"	"	7.4	285.2
"	04:30	71° 38.466	108° 7.035	533	531	"	"	5.8	336.1
"	05:00	71° 37.838	108° 17.941	523	524	"	"	6.6	260
"	05:30	71° 37.487	108° 28.689	519	524	"	"	7.7	283
"	06:00	71° 35.513	108° 36.638	515	526	"	"	6.6	324.5
"	06:30	71° 34.252	108° 48.504	510	515	"	"	9.5	265.9
"	07:00	71° 33.818	108° 58.730	510	510	"	"	7.0	9.0
"	07:30	71° 32.184	109° 7.694	523	524	"	"	10.1	260.2
"	08:00	71° 31.800	109° 22.463	524	220	"	"	10.1	251



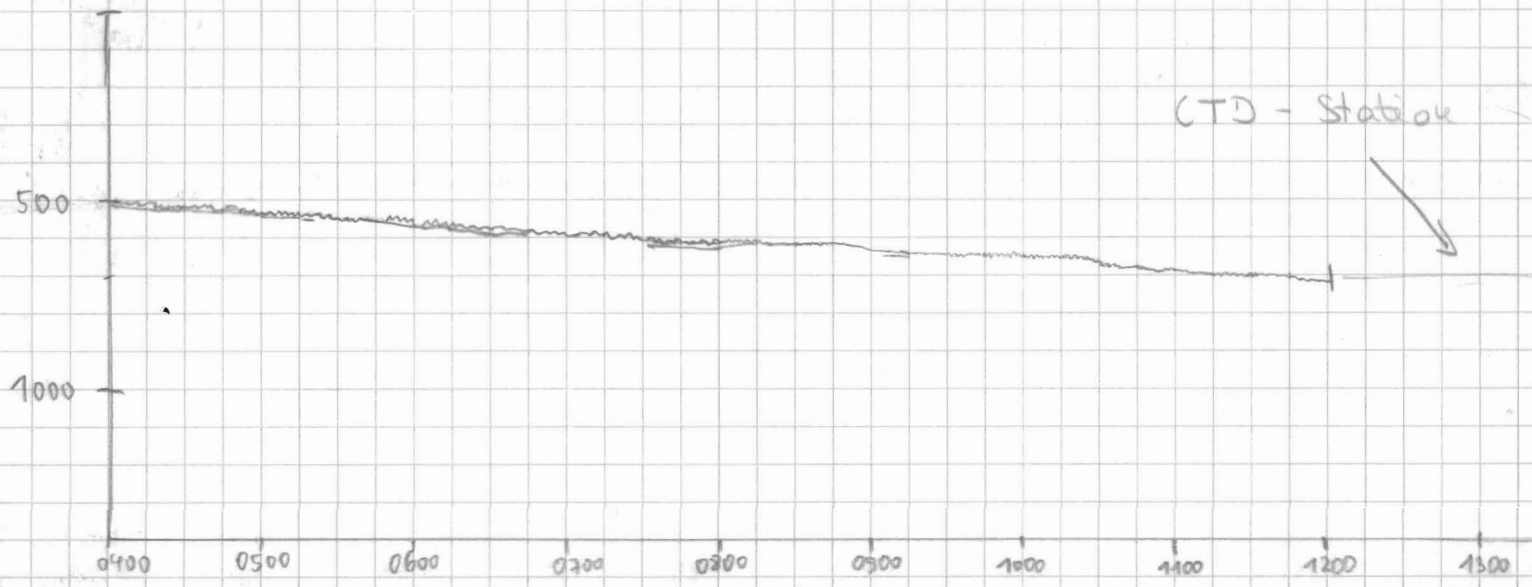
no	Name	Comments
7	Walter	
7	Walter	End of station PS 69/255
10	"	
10	Andreas	
18	Andreas	Station um 16:00 PS 69/256, MBS+ PAR+ Aux off, Standby-Betrieb
18	Manuel	ca. 1640 wieder in PAR
18	"	
19	Kristin	
19	Andreas	
27	"	
33	Marlin	
33	"	
33	"	
33	"	
33	"	
33	Seb	Aux. Data Storage in PARASTOR WINDOW was ausgeschaltet am 22.12
33	"	
33	"	
33	"	
33	CD	
33	"	
33	"	
33	"	
33	Jo	
33	"	
33	"	
33	Silke	
33	"	
33	"	
33	"	
33	"	
33	"	
33	"	
33	"	



38	date	UTC	Lat S	Long W	depth PS	depth HS	depth range	pulse mode	Speed	Course
	27/2/06	8:30	71° 29.709	109° 34.359	1025	514	1000	PAR	9.0	276
"	"	9:00	71° 28.820	109° 50.596	983	500	"	"	10.3	321
"	"	9:30	71° 27.529	110° 5.310	475	478	"	"	10.5	270
"	"	10:00	71° 29.720	110° 21.366	472	473	"	"	10.5	249
"	"	10:30	71° 30.390	110° 36.057	460	462	"	"	10.6	230.2
"	"	11:00	71° 33.979	110° 48.419	457	460	"	"	"	245
"	"	11:30	71° 33.446'	111° 3.077'	490	492	"	"	10.3	275
"	"	12:00	71° 33.765'	111° 19.304'	475	478	"	"	10.7	270
"	"	12:30	71° 33'152	111° 35'110	486	489	1000	5000	10.3	331
"	"	13:00	71° 29'190	111° 44'747	489	491	"	"	10.5	305
"	"	13:30	71° 31'572	111° 56'570	499	503	"	"	10.5	223
"	"	14:00	71° 35'446	112° 7'673	501	503	"	"	10.6	225
"	"	14:30	71° 38.946'	112° 20.181'	490	493	"	"	10.7	228
"	"	15:00	71° 41.070	112° 34.276'	548	553	"	"	10.3	280
"	"	15:30	71° 40.404'	112° 50.574'	598	599	"	"	10.4	270
"	"	15:59	71° 40.155'	113° 6.381'	622	625	"	"	10.5	277
"	"	16:30	71° 37.87'	113° 21.92'	634	637	"	"	10.6	309
"	"	17:00	71° 35.14'	113° 35.12'	660	682	"	"	9.3	240
"	"	17:30	71° 38.28'	113° 46.62'	538	602	"	"	10.2	226
"	"	18:00	71° 41.46'	113° 58.99'	560	560	"	"	10.4	223
"	"	18:30	71° 43.82	114° 18.06'	487	488	"	"	10.3	287
"	"	19:00	71° 43.61	114° 28.40'	459	461	"	"	10.5	267
"	"	19:30	71° 45.53	114° 40.72	458	473	"	"	7.2	193
"	"	20:00	71° 48.14	114° 40.22	434	434	"	"	3.4	156
"	"	20:30	71° 45.26	114° 38.45'	445	444	"	"	3.2	157
"	"	21:00	71° 51.37	114° 37.89'	441	438	"	"	5.6	171
"	"	21:30	71° 53.82	114° 39.17	445	445	"	"	5.0	197
"	"	22:00	71° 56.271	114° 40.906	434	437	"	"	3.8	185
"	"	22:30	71° 58.651	114° 41.589 (910)	445	445	"	"	4.4	201
"	"	23:00	72° 0.702	114° 42.210	458	459	"	"	4.0	132
28/2/06	0:00	72° 3.355	114° 45.677	464.4	463.5	"	"	5.5	221	
"	0:30	72° 4.790	114° 49.710	466.9	466	"	"	4.5	214	
"	1:00	72° 6.068	114° 54.167 (1100)	472.2	473.1	"	"	4.0	213	
"	1:30	72° 7.502	114° 58.102	472.2	473.1	"	"	4.2	221	
"	2:00	72° 8.843	115° 3.505	481	480	"	"	3.2	214	
"	2:30	72° 12.32	115° 6.70	483	485	"	"	7.1	209	
"	3:00	72° 15.68	115° 6.37	493	491	"	"	4.4	205	
"	3:30	72° 18.12	115° 7.78	496	494	"	"	4.9	197	
"	4:00	72° 20.950	115° 09.256	506	506	2000	"	6.9	193	
"	4:39	72° 25.112	115° 11.209	520	521	"	"	6.5	205	



date	UTC	Lat S	Long W	depth PS	depth HS	depth range	pulse mode	speed	course
28/02/06	0500	72°27.416	115°13.502	532	530	2000	PAR	6.7	165
"	0530	72°31.067	115°11.341	542	542	"	"	6.4	133
"	0600	72°34.119	115°08.240	552	552	"	"	8.0	176
"	0630	72°37.557	115°09.951	569	566	"	"	6.4	217
"	0700	72°40.680	115°13.468	596	590	"	"	1.6	262
"	0730	72°42.843	115°11.057	602	601	"	"	7.1	175
"	0800	72°45.369	115°04.777	605	605	"	"	9.5	143
"	0830	72°48.392	114°59.076	618	619	1000	5000m	8.0	176
"	0900	72°50.739	114°54.971	633	633	"	"	2.1	167
"	0930	72°53.214	114°54.633	652	648	"	"	8.1	232
"	1000	72°54.815	114°57.334	661	661	"	"	6.4	241
"	1030	72°56.643	115°00.004	*1080	674	"	"	4.0	156
"	1100	72°59.244	114°57.754	693	689	"	"	6.9	162
"	1130	73°01.730	114°55.265	704	705	"	"	5.0	164
"	1200	73°04.141	114°52.178	727	720	"	"	5.1	157.3
"	1230	73°06.125	114°48.548	727	727	"	"	0.7	13.7
"	1300	73°06.086	114°48.511	725	727	"	Stand by	1.0	39.3
"	1330	"	"	"	"	"	Stand by	"	"
"	1400	73°05.685	114°47.918	729	729	"	PAR	6.0	173
"	1430	73°09.277	114°45.968	755	754	"	"	8.1	128.1
"	1500	73°12.155	114°33.774	774	773	"	"	8.6	133.2
"	1530	73°15.022	114°22.547	767	767	"	"	8.7	130.3
"	1600	73°17.943	114°11.852	748	749	1000	5000	8.4	121
"	16:30	73°20.606	114°00.706	718	722	"	"	8.6	131
"	17:00	73°23.402	113°49.327	688	693	"	"	8.6	142
"	17:30	73°26.576	113°38.338	651	655	"	"	8.9	118
"	18:00	73°29.417	113°26.451	651	655	"	"	9.0	121
"	18:30	73°32.349	113°14.207	612	615	"	"	9.2	132
"	19:00	73°35.457	113°04.357	630	634	"	"	9.1	90
"	19:30	73°38.078	112°51.348	651	653	"	"	9.4	130
"	20:00	73°40.69	112°38.28	659	660	"	"	9.7	155
"	20:30	73°44.31	112°26.33	719	722	"	"	9.9	182
"	21:00	73°47.65	112°12.86	697	699	"	"	10.4	182
"	21:30	73°50.66	111°58.65	599	601	"	"	10.1	145
"	22:00	73°57.50	111°58.45	554	557	"	"	10.1	107
"	22:30	73°54.08	111°35.32	586	587	"	"	9.8	105
"	23:00	73°58.63	111°35.98	419	417	"	"	9.8	183
"	23:30	74°01.89	111°25.00	337	339	"	"	9.6	130
1.3.06	00:00	74°04.46	111°09.55	325	322	"	"	9.9	178



watch	comment
CD	
4	~ 0520h: SBR disappears
4	~ 0551h-0559h: SBR
4	~ 0605-0631h: SBR
4	from 0700h to 0710h: severe noise by sea ice
4	from 0730h: SBR
Jo	
"	~ 0905 SBR reappears; 0920 SBR disappears
"	* 1024 PS depth went to 1146m; 1030 / corrected depth range - now @ 676m.
"	
"	
Silke	
"	CTD - Station Parasound auf Stand-by gestell.
"	
"	
Manuel	CTD - station beendigt
"	
"	
"	
Andreas	
Andreas	
Andreas	
Andreas	
Andreas	
Kristin	
"	
"	
Matze	
"	
"	
"	

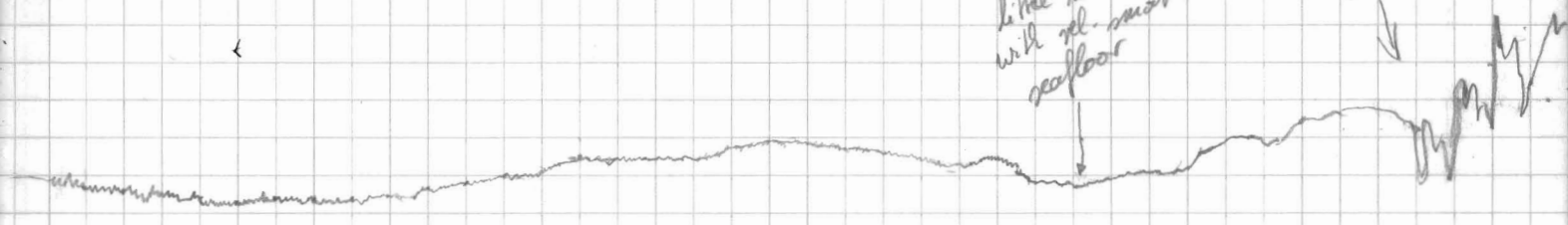
73.925°S
 111.588°W

seit ca. 22:40 sehr steile Topografie => Bedrock?

- Andreas
- Christina
- Andreas
- Andreas
- Andreas

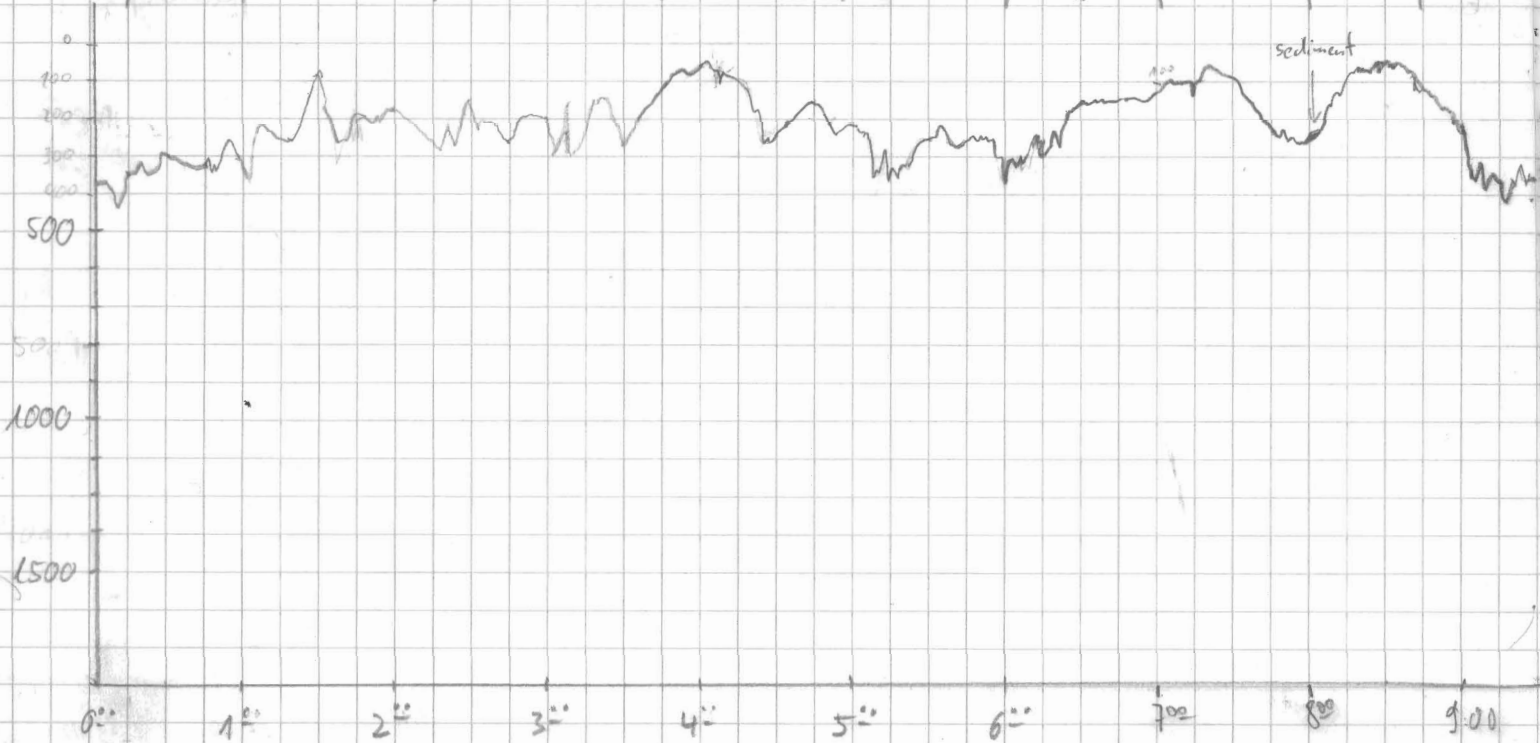
little section with rel. smooth seafloor

sehr rauher unregelmäßig



14:00 15 16 17 18 19 20 21:00 22:00 23:00 00

42 Date	UTC	° S	° W	PS Depth	HS Depth	depth range	pulse mode	Speed	Course
1/13/06	0:30	74° 7.804	110° 56.527	303.5	302.8	1000	5000	9.7	137
	1:00	74° 11.349	110° 44.757	313.4	315.3	"	"	10.3	136
	1:30	74° 13.991	110° 30.994	237.7	236.9	"	"	8.8	118
	2:00	74° 17.243	110° 19.842	187.4	-	"	"	9.2	151
	2:30	74° 21.338	110° 15.140	161.6	-	"	"	9.3	168
	3:00	74° 20.408	110° 13.236	273.2	-	"	"	8.9	200.1
	3:30	74° 19.677	110° 14.327	271.5	-	"	"	7.7	67.5
	4:00	74° 17.698	110° 9.520	87.8	102	"	"	9.8	317
	4:30	74° 13.785	110° 8.742	244	244	"	"	8.3	312
	5:00	74° 10.350	110° 13.521	224	225	"	"	9.4	358
	5:30	74° 11.150	110° 11.308	248	249	"	"	8.1	180
	6:00	74° 9.606	110° 14.865	330	335	"	"	8.9	355
	6:34	74° 11.857	110° 18.179	154	154	"	"	7.8	182
	7:00	74° 14.729	110° 13.959	115	116	"	"	8.2	188
	7:30	74° 18.266	110° 12.079	123	122	"	"	8.8	201
	8:00	74° 18.241	110° 16.890	243	243	"	"	9.7	330
	8:30	74° 13.97	110° 21.101	72	71	"	PAR	9.6	16
	9:00	74° 10.0	110° 19.471	212	212	"	"	9.0	46
	9:30	74° 5.80	110° 22.511	342	373	"	"	9.6	342
	10:00	74° 2.86	110° 26.881	309	309	"	"	3.4	122
	10:30	74° 6.37	110° 22.88	377	423	"	"	8.7	111
	11:00	74° 10.001	110° 20.27	211	211	"	"	7.7	212
	11:30	74° 13.651	110° 16.71	131	131	"	"	8.5	117
	12:00	74° 17.146	110° 12.054	83	82	"	"	8.5	176
	12:30	74° 19.375	110° 14.678	224	225	"	"	0.6	325
	13:00	74° 19.330	110° 15.027	238	239	"	"	0.3	216
	13:34	74° 19.293	110° 15.359	264	264	"	"	0	170
	14:00	74° 19.527	110° 15.753	277	277	"	"	2.7	204
	16:00	74° 19.730	110° 15.829	285	286	5000	"	0.4	97.6
	16:30	74° 19.758	110° 15.584	282	283	"	"	0.5	223.0
	17:00	74° 19.725	110° 16.251	266	266	"	"	0.4	276.3
	17:30	74° 18.853	110° 14.680	198	198	1000	"	10.3	332.8
	18:00	74° 18.099	110° 15.917	257	258	2000	"	0.3	138.7
	18:30	74° 18.661	110° 16.013	263	263	"	"	8.1	177
	18:40	74° 19.772	110° 15.869	288	288	1000	"	0.2	193



Christina
"
"
Margu
"
Stefan
"
"
"
"
"
Gerold

Seit 3:50-4:20 Multiple, Echo in doppelter Wassertiefe
4:27 kein Wassertiefe auf Son gestellt (von 100) ←

ausgeprägte, sehr starke Topographie, kaum - kein Sed.

6:40 Multiple durch Wassertiefe auf

8:02h Sediment-Tasche

12:00: Ship slows down for helicopter start

14:07 CTD Station & Releaser-Test
immer noch Station Depth range auf 5000.

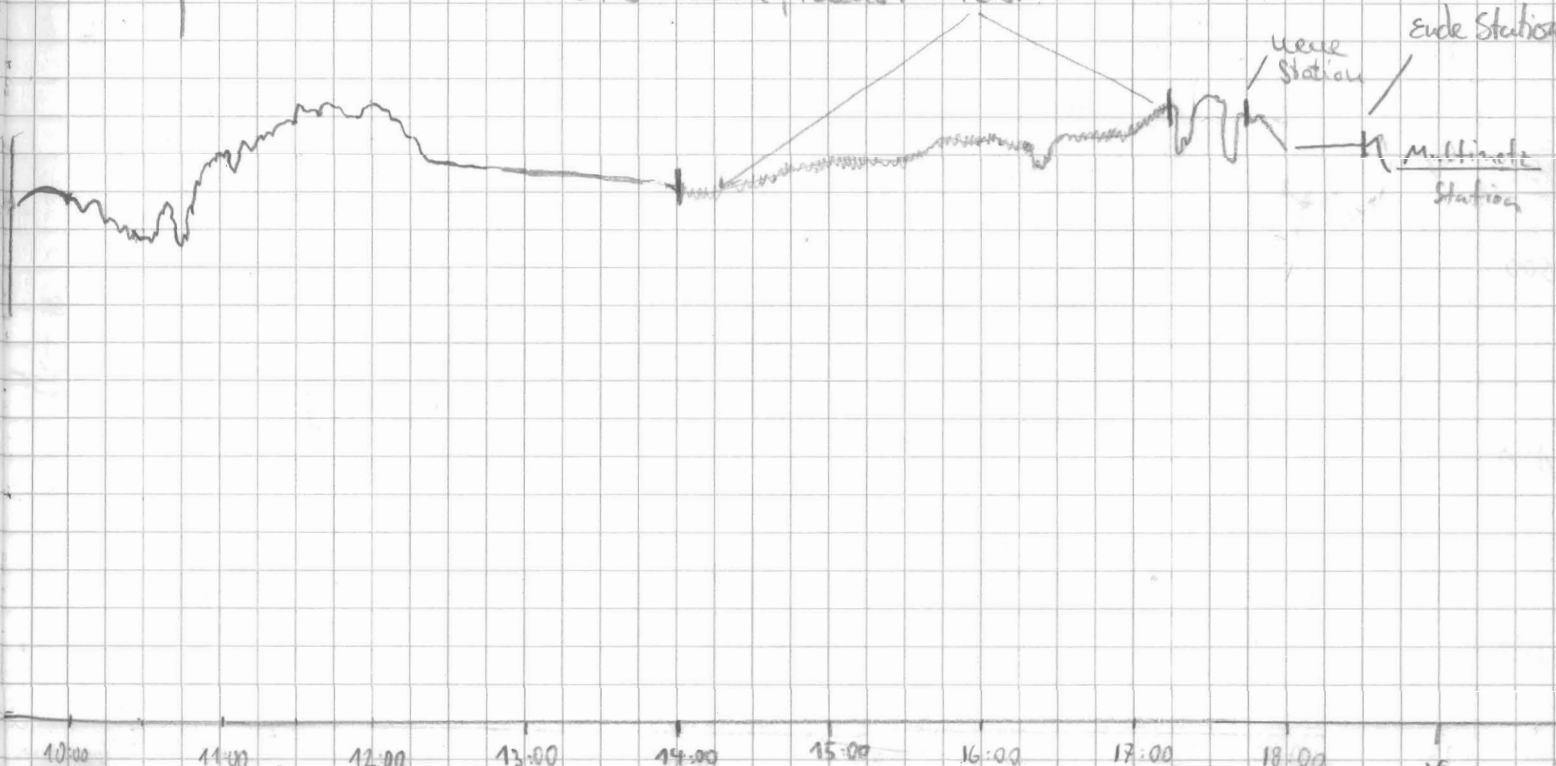
Depth range auf 1000, Station beendet => Depth range 500
neue Station => Depth range auf 2000

Mannell verliess in fahnenflüchtiger Weise Posten, um in die Antarktis zu fliegen

CTD Station, Releaser-Test

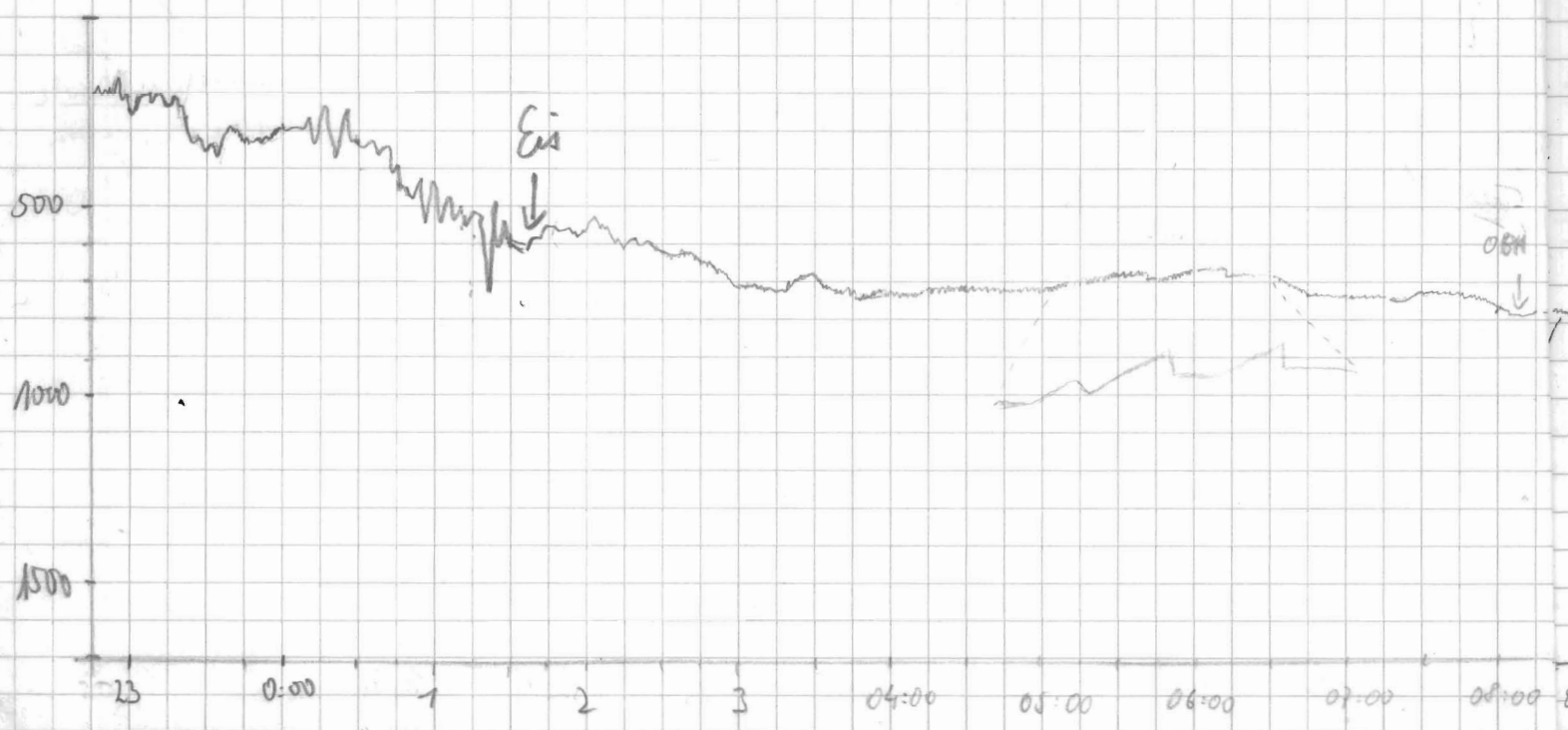
neue Station
ende Station

Multibeam
Station



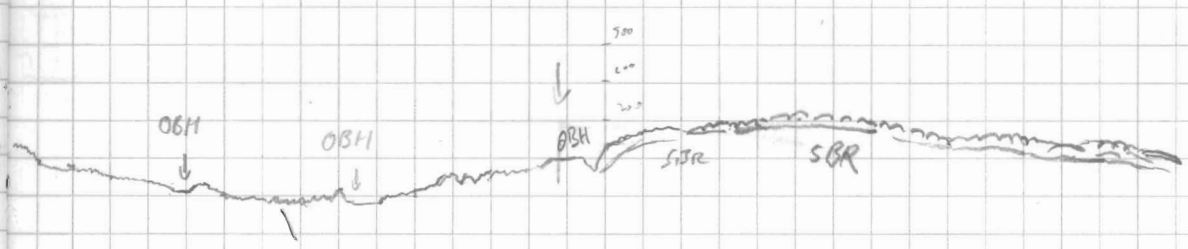
10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00

44 date	UTC	Lat S	Long W	depth PS	depth HS	depth range	pulse mode	speed	course
01/03/06	22:45	74° 16.78'	110° 20.58'	198	197	1000	PAR	10.8	306
	23:20	74° 14.63'	110° 26.40'	250	248	"	"	11.1	320
	23:30	74° 11.81'	110° 42.21'	338	339	"	"	9.1	281
02/03/06	0:00	74° 8.53'	110° 55.61'	297	296	"	"	9.7	317
	0:30	74° 4.70'	111° 08.34'	222	321	"	"	11.4	319
	1:11	73° 37.54'	111° 28.03'	506	514	"	"	10.5	310
	1:30	73° 56.78'	111° 35.78'	582	594	"	"	9.4	320
	2:00	73° 54.55'	111° 39.65'	551	552	"	"	9.9	28.1
"	2:30	73° 52.135'	111° 54.624'	612	614	"	"	10.8	307
"	3:00	73° 49.977'	112° 7.627'	682	689	"	"	10.1	292
"	3:30	73° 48.870'	112° 12.883'	703	705	"	"	10.2	298
"	3:58	73° 46.426'	112° 26.828'	729	733	"	"	10.3	302
"	4:30	73° 44.555'	112° 40.846'	711	717	"	"	0.9	270
"	5:00	73° 42.205'	112° 56.589'	707	707	"	"	10.4	301
"	5:32	73° 39.232'	113° 7.083'	675	678	"	"	10.5	302
"	6:00	73° 38.207'	113° 12.798'	671	672	"	"	10.2	298
"	6:30	73° 35.352'	113° 28.715'	685	685	"	"	10.6	302
"	7:00	73° 33.783'	113° 40.894'	733	736	"	"	3.1	9
"	7:30	73° 31.968'	113° 51.524'	722	721	"	"	10.0	300
"	8:00	73° 28.533'	114° 6.585'	773	775	1000	5000 PAR	10.7	305
"	8:30	73° 27.113'	114° 14.432'	805	807	"	"	10.4	302
"	9:00	73° 24.248'	114° 30.184'	856	857	"	"	11.0	303
"	9:30	73° 23.051'	114° 39.700'	882	884	"	"	5.3	73
"	10:00	73° 20.470'	114° 52.309'	907	908	"	"	10.9	297
"	10:30	73° 17.634'	115° 7.388'	888	898	"	"	9.6	301
"	11:00	73° 16.358'	115° 13.601'	902	909	"	"	10.4	302
"	11:30	73° 13.578'	115° 28.744'	865	870	"	"	10.3	300
"	12:00	73° 12.438'	115° 38.335'	800	803	"	"	0.4	72
"	12:30	73° 10.012'	115° 48.532'	736	742	"	"	10.3	301
"	13:00	73° 7.028'	115° 0.940'	702	709	"	PAR	9.3	335
"	13:33	73° 4.18'	116° 2.48'	678	685	"	"	0.6	23
"	14:01	73° 5.29'	116° 2.26'	690	677	"	"	3.1	178
"	14:31	73° 7.33'	115° 57.79'	709	717	"	"	5.2	135
"	15:00	73° 8.95'	115° 51.35'	737	736	"	"	5.2	135
"	15:32	73° 10.84'	115° 44.16'	763	764	"	"	5.2	133

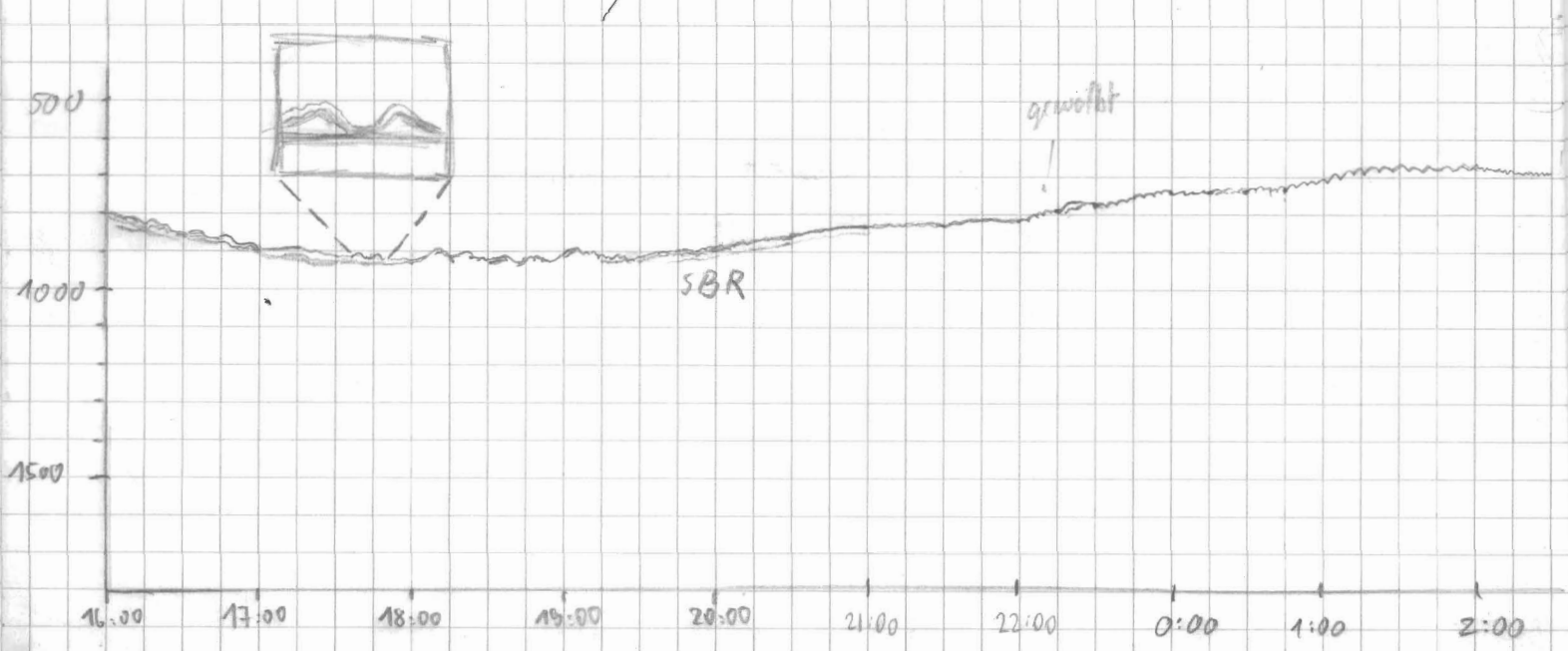


Watch Comments

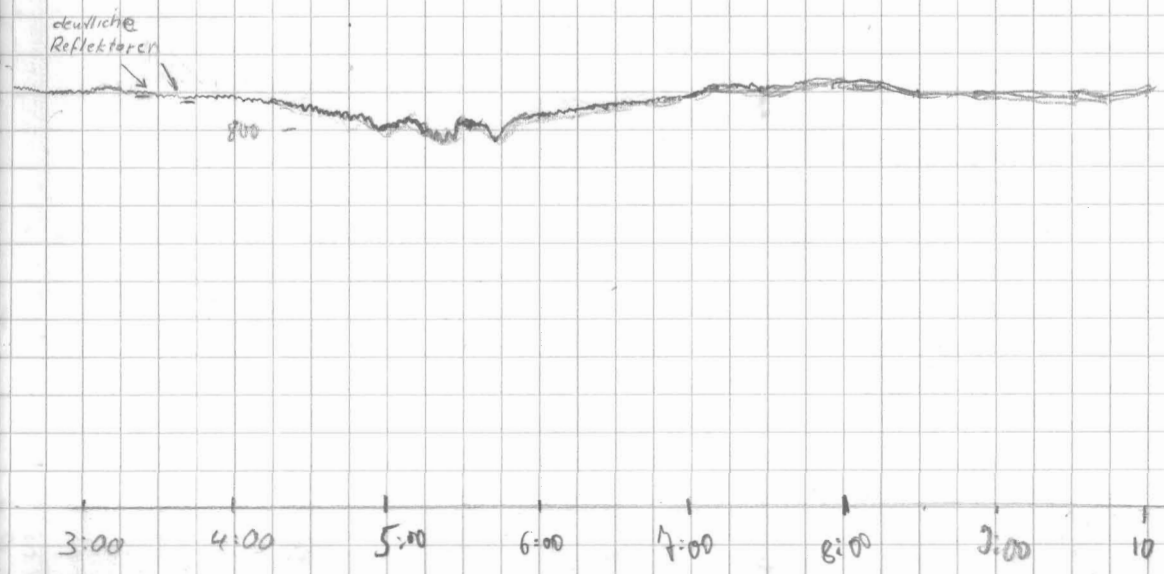
6	Walter			
0	"			
1	"			
2	Andreas			
3	"			
4	"			
5	"			
6	Kristin	1:35	Sedimentkartause	
7	"	1:55	OBH Station	
8	"	3:12	2. OBH Station, Schiff musste etwas zurück fahren und ist Schleife gefahren	
9	"			
10	Marvin	04:18 - 04:34	OBH-Station	langsame Fahrt
11	"	05:43 - 05:54	OBH-Station	langsame Fahrt, übliche Kurswechsel
12	"	06:52 - 07:02	OBH-Station	" -
13	"			
14	Andreas	08:08 - 08:14	OBH-Station	" -
15	Andreas			
16	Andreas			
17	Andreas	09:19 - 09:35	OBH-Station	" -
18	Andreas			
19	Andreas	10:33 -	OBH-Station	" -
20	Andreas	Probleme bei Data-Storage von ca 11:00 bis 11:30!		
21	Andreas	=> Control ATLAS PARASOUND war weg! => wieder hergestellt durch Neustart!		
22	Andreas	11:51	Umkehrpunkt im Profil: Profilstart & Seismik	
23	Stefan	12:00	weiterfährt, Min Wasserhöhe auf 100m gestellt	
24	Ward	13:14	Streamer wird ausgebracht	
25	"	"	"	"
26	"	"	"	"
27	"	"	"	"
28	"	"	"	"
29	"	"	"	"



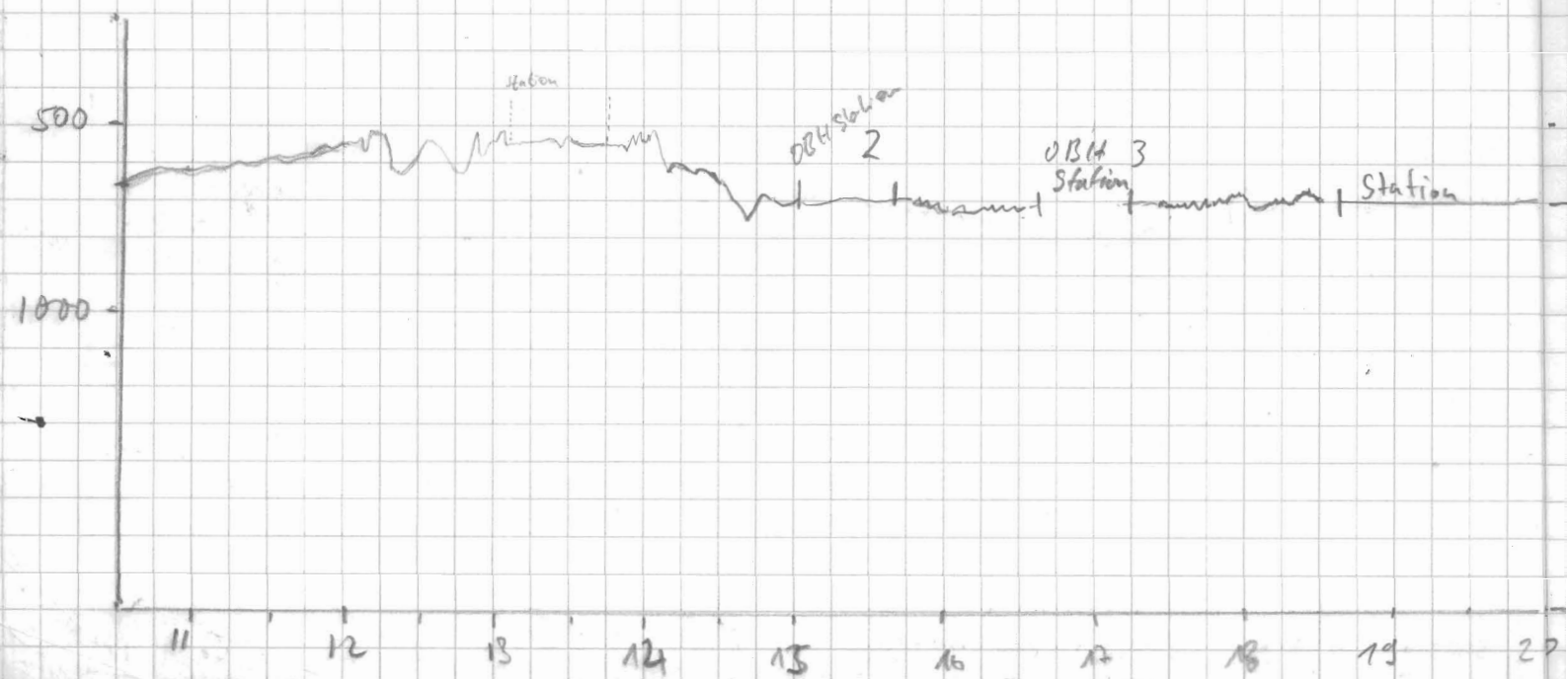
46 date	UTC	Lat S	Long W	Depth PS	Depth HS	depth range	pulse mode	speed	counts	
02/03/06	16:00	73° 12.470	115° 38.194	802	805	1000	PAR	5.3	122	
	16:30	73° 13.789	115° 30.962	868	874	"	"	4.6	122	
	17:00	73° 15.127	115° 23.693	900	904	"	"	5.1	122	
	17:30	73° 16.51	115° 16.19	910	911	"	"	5.0	122	
2/03/06	18:00	73° 17.855	115° 8.825	917	917	"	"	4.9	123	
	18:30	73° 19.164	115° 1.605	918	919	"	"	4.9	123	
	19:00	73° 20.478	114° 54.413	900	901	"	"	5.0	124	
	19:30	73° 21.793	114° 47.162	908	913	"	"	5.1	122	
	20:00	73° 23.118	114° 39.885	885	888	"	"	5.0	122.9	
	20:30	73° 24.481	114° 32.393	860	861	"	"	5.1	121.5	
	21:00	73° 25.807	114° 25.073	839	841	"	"	5.0	123	
	21:30	73° 27.187	114° 17.640	822	822	"	"	5.0	122	
	22:00	73° 28.483	114° 10.327	797	798	"	"	5.1	120	
	22:30	73° 29.784	114° 3.050	761	760	"	"	4.9	122	
	23:00	73° 31.086	113° 55.848	726	728	"	"	4.9	123	
	23:30	73° 32.390	113° 48.623	719	723	"	"	4.9	123	
24:00	73° 33.690	113° 41.359	740	737	"	"	4.9	124		
3/03/06	0:30	73° 35.020	113° 33.953	734	731	"	"	5.9	123	
	1:00	73° 36.489	113° 25.705	695	692	"	"	5.4	120	
	1:30	73° 37.803	113° 18.378	664	671	"	"	4.7	122	
	2:00	73° 39.132	113° 11.090	677	682	"	"	5.1	123	
	"	2:30	73° 40.489	113° 3.505	693	692	"	"	5.2	121
	"	3:00	73° 41.856	113° 55.895	698	697	"	"	5.2	122
	"	3:30	73° 43.214	112° 48.146	708	707	"	"	5.1	121
	"	4:00	73° 44.54	112° 40.95	709	712	"	"	4.9	140
	"	4:30	73° 46.90	112° 42.09	737	740	"	"	5.1	135
	"	5:00	73° 49.13	112° 38.91	795	797	"	"	4.9	140
"	5:30	73° 50.24	112° 43.65	781	787	"	"	5.0	332	
"	6:00	73° 47.76	112° 43.38	758	759	"	"	5.1	365	
"	6:30	73° 45.30	112° 44.82	717	719	"	"	4.8	343	
"	7:00	73° 42.95	112° 46.11	704	703	"	"	4.9	300	
"	7:30	73° 42.19	112° 39.37	690	692	"	"	4.9	61	
"	8:00	73° 42.04	112° 31.10	670	673	"	"	4.6	89	
"	8:30	73° 43.00	112° 23.62	697	696	"	"	4.9	124	
"	9:00	73° 45.17	112° 19.15	702	703	"	"	4.8	115	
"	9:30	73° 47.54	112° 16.21	705	708	"	"	5.1	157	
"	10:00	73° 49.60	112° 12.15	704	705	"	"	5.2	126	



name	watch	comments
22	CD	"
22	"	"
22	"	16:55 h : dünne transparente Lage unter Oberflächenreflektor → Kern?
22	Wahle	
3	Jo	
3	"	
2	"	
9	Silke	
5	"	
	"	
	Manuel	
	"	
	"	Manuel geht shoppen
	"	
	Christina	
	"	
	"	
	"	
	Kristin	
	"	
	"	
	Wahle	
	"	
	"	
	"	
	"	
	"	
	"	
	Christina	Kurswechsel wg. Eisfeld
	"	
	"	vor Heipunkt
	"	wieder auf Transit



Date	UTC	Lat °C	Long °W	PS Depth	HS Depth	Range	Mode	Speed	Count	W
3.3.06	10:30	73° 51.01'	112° 4.62'	671	671	1000	PAR	5.1	135	0
"	11:00	73° 51.71'	111° 56.02'	617	618	"	"	4.9	136	
"	11:30	73° 53.86'	111° 48.11'	579	582	"	"	5.2	124	
"	12:00	73° 54.92'	111° 41.94'	553	555	"	"	5.0	119	
"	12:30	73° 56.567'	111° 37.163'	588	592	"	"	2.4	170	M
"	13:00	73° 55.942'	111° 39.330'	549	554	"	"	10.0	343	
"	13:30	73° 55.303'	111° 41.315'	558	557	"	"	2.7	434	
"	14:00	73° 55.676'	111° 42.795'	555	568	"	"	9.4	371	
"	14:30	73° 52.818'	111° 57.927'	"	638	"	"	10.3	301	
"	15:00	73° 50.007'	112° 10.746'	702	705	"	"	7.0	24	
"	15:30	73° 50.226'	112° 10.757'	707	708	"	"	1.9	174	
"	15:40	73° 50.555'	112° 10.992'	708	711	"	"	6.7	305	
"	16:00	73° 48.891'	112° 20.121'	721	726	"	"	9.6	297	G
"	16:30	73° 46.701'	112° 34.661'	728	730	"	"	10.2	292	
"	16:50	73° 44.591'	112° 40.791'	714	713	"	"	1.6	277	
"	17:18	73° 44.631'	112° 40.333'	713	713	"	"	6.5	131	
"	17:30	73° 45.671'	112° 42.841'	714	717	"	"	9.9	257	
"	18:01	73° 42.522'	112° 55.787'	694	696	"	"	10.5	302.0	
"	18:30	73° 39.844'	113° 01.241'	692	697	"	"	6.2	236.	
"	20:30	73° 40.924'	113° 4.411'	694	700	1000	"	8.9	268	
"	21:00	73° 38.933'	113° 10.757'	676	681	"	"	1.0	350	
"	21:30	73° 38.831'	113° 10.755'	674	678	"	"	0.6	44.	
"	22:00	73° 38.639'	113° 18.100'	693	698	"	"	10.7	301.1	S
"	22:30	73° 35.810'	113° 35.136'	740	744	5000	"	10.3	3036	
"	23:00	73° 33.760'	113° 40.891'	733	736	"	"	0.5	294.5	
"	23:30	73° 32.521'	113° 44.400'	743	746	1000	"	1.7	294.7	
4.3.06	24:00	73° 32.509'	113° 44.501'	744	745	5000	"	0.3	334	0
"	00:30	73° 33.598'	113° 47.784'	736	739	1000	"	10.1	302	
"	01:00	73° 30.759'	114° 3.622'	767	770	"	"	10.7	303	
"	01:24	73° 28.465'	114° 10.252'	793	796	5000	"	1.0	346	
"	01:30	73° 28.396'	114° 10.424'	795	797	"	"	0.6	302	
"	02:00	73° 28.602'	114° 10.448'	800	802	"	"	0.7	296	
"	02:30	73° 28.881'	114° 11.373'	812	812	1000	"	9.1	188	A
"	03:00	73° 26.684'	114° 25.287'	847	847	"	"	10.6	302	A
"	03:30	73° 23.692'	114° 33.366'	861	861	5000	"	0.4	34.7	A
"	04:00	73° 23.733'	114° 33.980'	863	864	"	"	0.4	252	A



Comments

Grabs

Christina

a

u

a

Martin

"

"

Stefan

"

"

Geord

"

"

"

CD

"

Jo

"

"

Silke

"

"

Christina

"

"

"

Andreas

Andreas

Andreas

Andreas

OBS Einsammelstation 13:02 Station 13:45 Ende

15:00 OBH - Einsammelstation 15:40 weiter

OBH Bergung Beginn
" " Ende

18:38 CTD-Station ; 18:47 Depth Range -> 5000 m

20:15 gravity core

20:50 OBH retrieval

turning round? 21:35 Skizze

Station: Bergung OBS-5

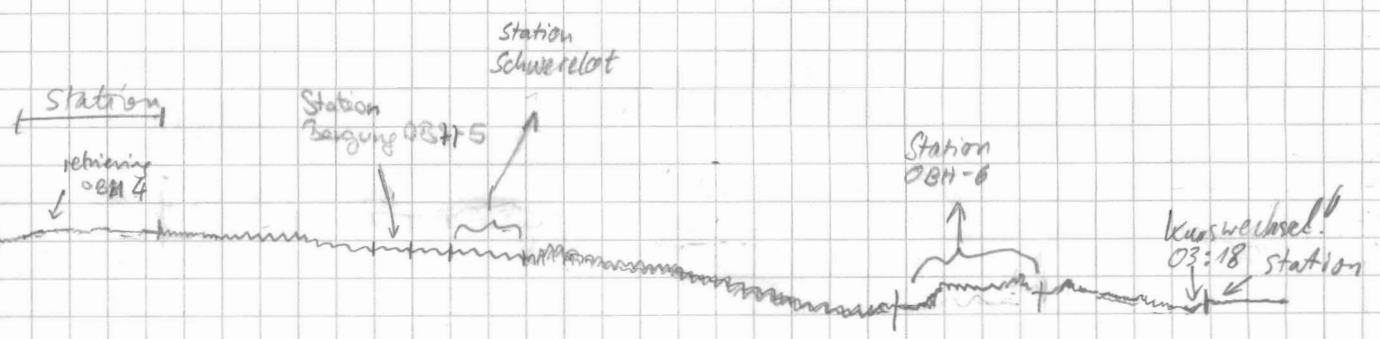
Station: Schwerelot, depth range auf 5000 umgestellt

00:04 Station beendet, depth range wieder auf 1000

OBH-6 Station, depth range 5000

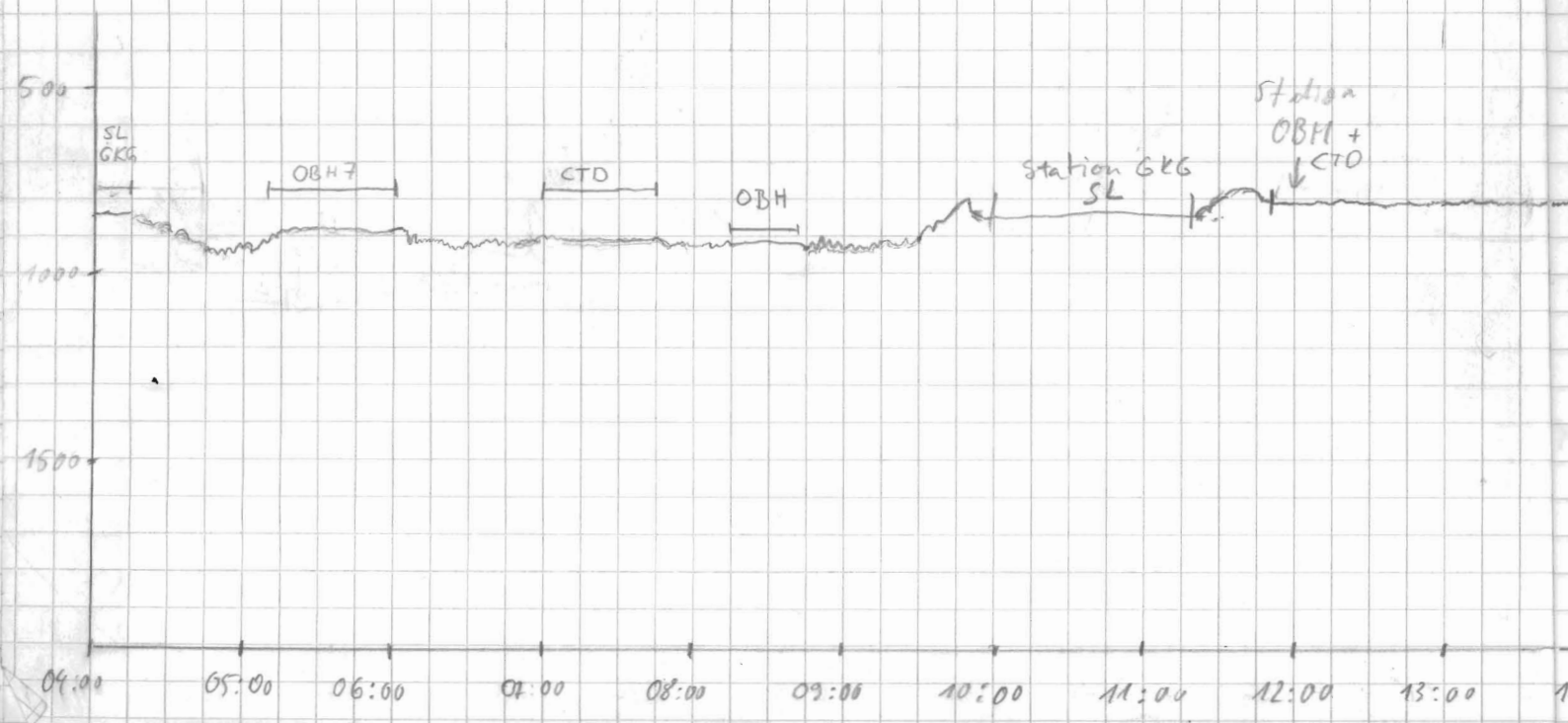
von 01:20 bis 02:23 => auf 1000 gestellt um 02:23, Andreas

Station von 03:27 bis



21 22 23:00 24:00 0:00 1:00 2:00 3:00 4:00

Date	UTC	Lat ° S	Long ° W	PS depth	HS depth	Range	Mode	speed	count	W
4.3.06	04:41	073° 24.085'	114° 34.202'	864	867	1000	PAR	8.7	210	K
"	5:00	073° 28.731'S	114° 41.337' W	911	913	1000	"	8.2	43	
"	5:30	73° 23.005'	114° 40.031'	888	885	"	"	0.2	349	
"	6:00	73° 23.071'	114° 40.589'	890	893	"	"	4.1	135	
"	6:32	73° 21.528'	114° 54.991'	920	922	"	"	10.9	297	
"	7:00	73° 18.975'	115° 0.136'	902	908	"	"	0.6	27	
"	7:30	73° 18.869'	115° 0.018'	908	910	"	"	0.3	112	
"	8:02	73° 19.529'	115° 5.858'	927	931	"	"	10.6	300	
"	9:00	73° 18.499'	115° 11.673'	931	933	"	"	8.4	304	M
"	9:30	73° 15.706'	115° 27.100'	900	908	"	"	10.4	300	
"	11:30	73° 13.29'	115° 40.30'	781	776	"	"	9.4	348	G
"	12:00	73° 12.406'	115° 38.163'	801	804	5000	SON	0.4	888	A
"	12:30	73° 12.403'	115° 38.043'	804	805	"	"	0.4	350	A
"	13:00	73° 12.424'	115° 38.064'	803	805	"	"	0.1	191	A
"	13:30	73° 12.688'	115° 38.016'	802	805	"	"	0.4	354	A
"	14:00	73° 12.390'	115° 38.145'	801	804	"	"	0.3	343	A
"	14:30	73° 12.45'	115° 38.14'	802	804	"	"	0.3	345	W
"	15:00	73° 09.49'	115° 41.57'	794	793	1000	"	8.8	340	
"	15:30	73° 06.24'	115° 40.55'	766	771	"	"	0.3	340	
"	16:00	73° 07.53'	115° 42.91'	779	781	"	"	5.2	196	C
"	16:30	73° 10.02'	115° 41.20'	792	797	"	"	5.1	165	
"	17:00	73° 12.45'	115° 19.43'	794	794	"	"	4.9	166	
"	17:30	73° 14.91'	115° 37.62'	792	795	"	"	5.1	168	
"	18:00	73° 17.39'	115° 35.82'	813	816	"	"	5.0	164	a
"	18:30	73° 19.81'	115° 33.21'	820	827	"	"	4.9	167	
"	19:00	73° 22.23'	115° 31.42'	867	868	"	"	5.3	185	
"	19:30	73° 24.64'	115° 30.28'	877	878	"	"	5.1	169	
"	20:00	73° 27.25'	115° 30.25'	889	892	"	"	5.2	180	
"	20:30	73° 29.784'	115° 30.465'	908	912	"	"	4.9	188	
"	21:00	73° 31.907'	115° 34.923'	862	869	"	"	5.0	218	
"	21:30	73° 34.001'	115° 39.726'	842	843	"	"	5.1	207	
"	22:00	73° 36.207'	115° 44.193'	814	815	"	"	4.9	224	
"	22:30	73° 37.876'	115° 50.750'	850	855	"	"	5.1	239	
"	23:00	73° 39.260'	115° 58.256'	823	824	"	"	5.1	221	
"	23:30	73° 40.873'	116° 04.560'	757	763	"	"	5.2	257	
05/03/06	00:00	73° 42.203'	116° 11.521'	769	773	"	"	3.9	203	



Comments

Kristin PS69/267-1,2 SL - u. GKG - Station 3:27 - 4:10
 " OBH 7 aufnehmen ca. 5:05 bis 6:00
 " PS 69/268-1 CTD - Station 654 -

Mama! 8¹⁸: PS 69/264-8 Aufnahme OBS; 8⁵¹: Ende

Card 9⁵⁴: PS 69/269-1 / GKG/6C;
 Andreas 11:12 Station Ende Meru
 Andreas 11:40 OBH Aufnahme 11:40 bis
 + CTD + Bongo + Rescue Boat drill

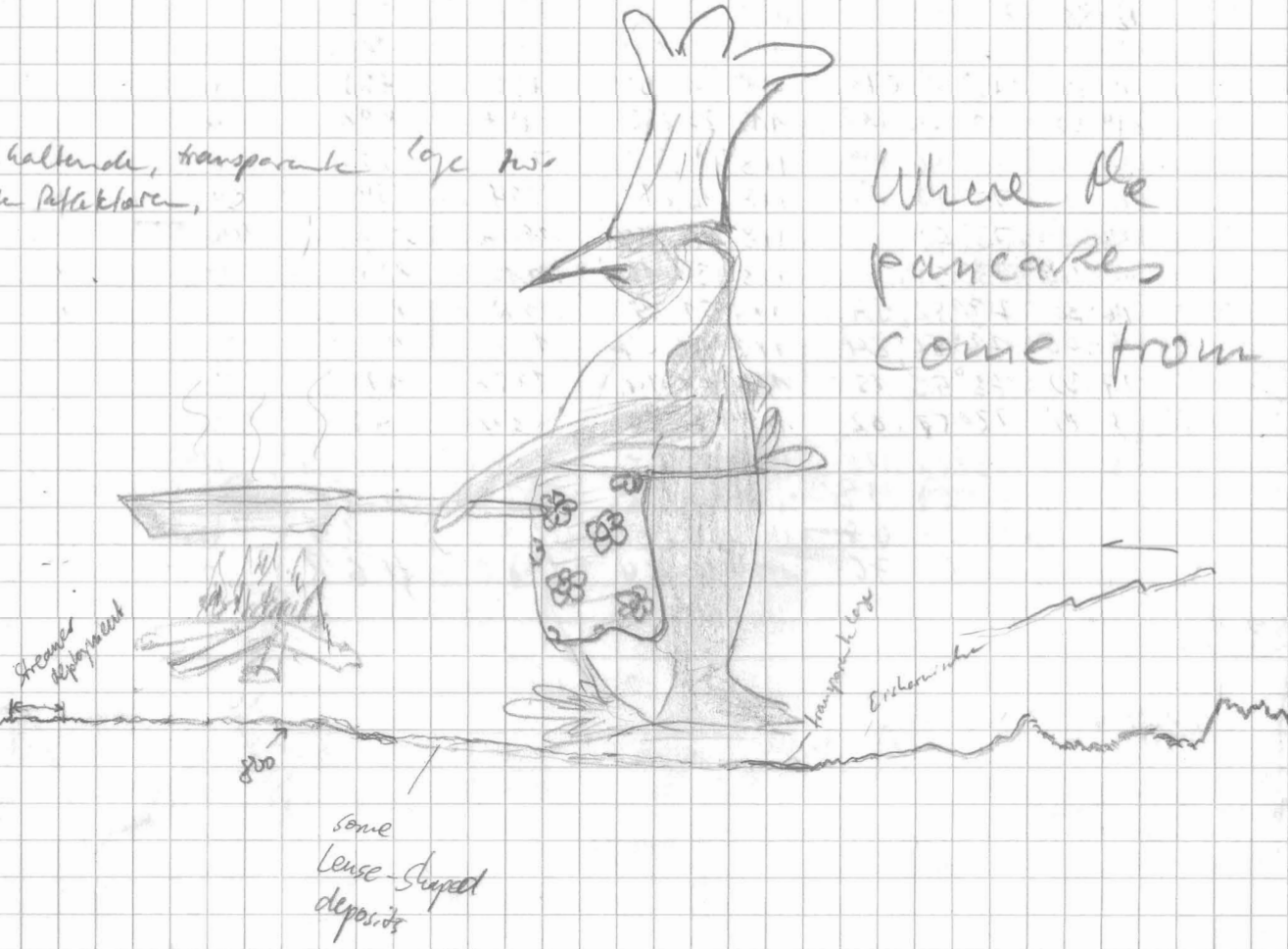
Mabe 14:39 → Steaming to Stat of seismic station; Range set to 1000

→ Steamer deployment (~15:25 - ~15:50)

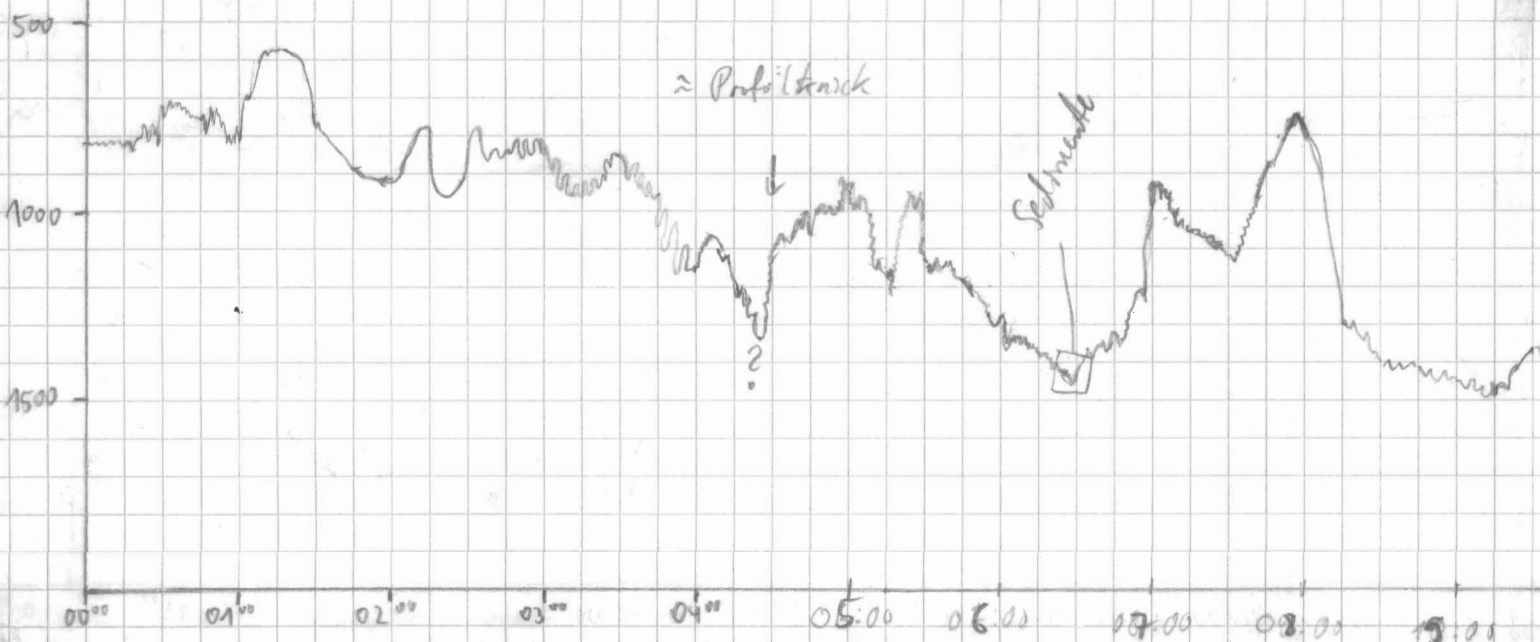
seit 16:20 →

durchfallende, transparente Lage NW
 2. gke Petraklara,

Where the
pancakes
come from

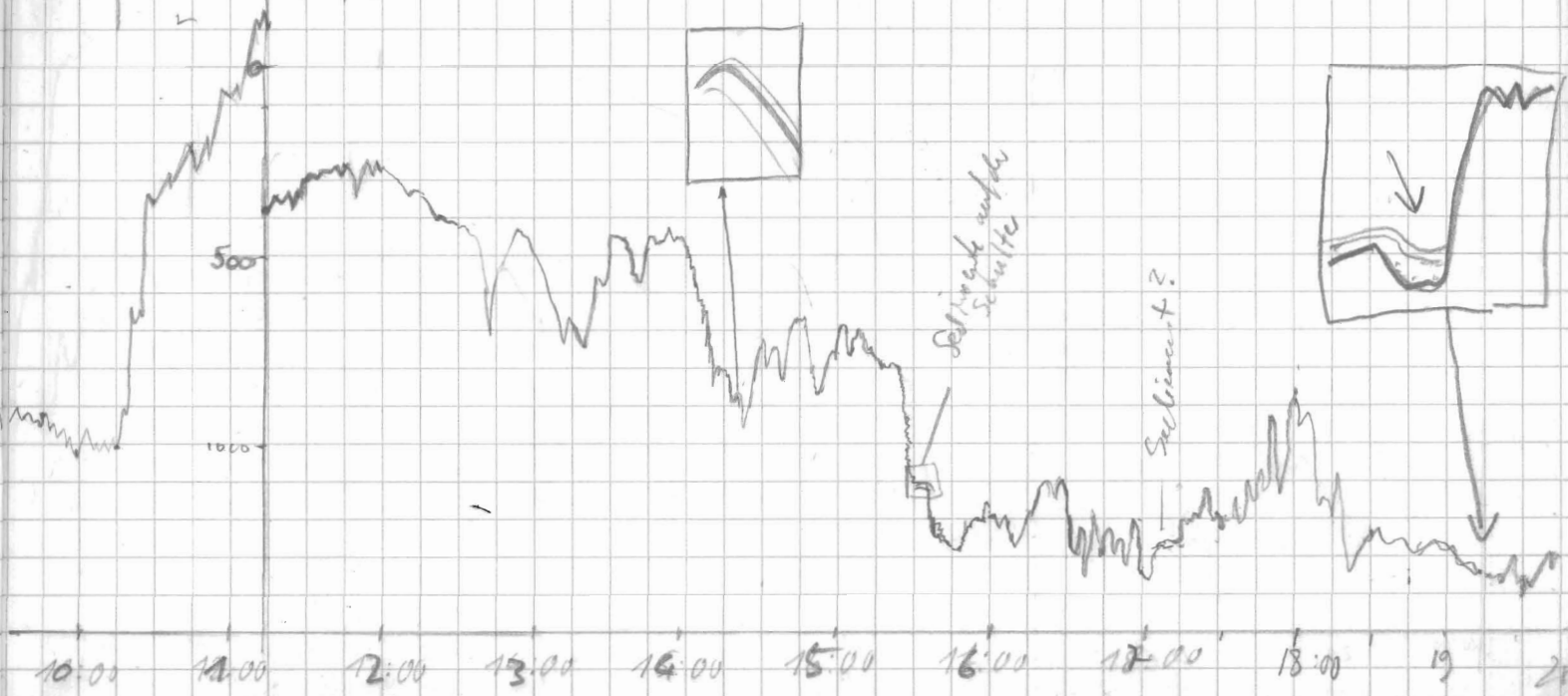


Date	UTC	Lat° S	Long° W	PS depth	HS depth	Range	Mode	Speed	Count
5/3/06	00:30	73° 43.367	116° 18.559	731	743	1000	PAR	5.1	255
"	01:00	73° 44.415	116° 26.598	797	801	"	"	5.2	255
"	01:30	73° 45.058	116° 35.285	757	759	"	"	5.0	255
"	02:00	73° 45.770	116° 43.771	899	910	"	"	5.2	250.3
"	02:30	73° 46.626	116° 52.380	922	925	"	"	4.9	245.3
"	03:00	73° 47.756	117° 0.504	815	815	"	"	5.0	244.8
"	03:30	73° 48.838	117° 8.377	887	882	"	"	4.9	244.3
"	04:00	73° 50.144	117° 15.573	1125	1122	"	"	5.1	225.4
"	04:30	73° 51.929	117° 21.816	970	1488	"	"	5.0	211
"	05:00	73° 53.269	117° 26.307	2377!	986	2000	PAR	5.0	243
"	05:30	73° 55.255	117° 32.959	2414!	1142	"	"	5.0	215
"	06:00	73° 56.190	117° 40.749	2340!	1306	"	"	4.8	270
"	06:30	73° 56.412	117° 49.658	2489!	1407	"	"	5.0	264
"	07:00	73° 54.350	117° 54.083	924	934	"	"	5.3	340
"	07:30	73° 54.325	118° 1.794	1120	1007	"	"	5.2	247
"	08:00	73° 54.803	118° 10.262	802	807	"	"	5.4	251
"	08:30	73° 55.1635	118° 15.122	1369	1392	2000	"	4.7	20
"	09:00	73° 57.682	118° 22.649	1424	1477	2000	"	5.0	202
"	09:30	73° 57.49	118° 31.59	1348	1367	"	"	5.2	244
"	10:00	73° 55.46	118° 37.42	1513	1526	"	"	5.4	305
"	10:30	73° 53.539	118° 43.461	841	858	1000	"	5.1	335
"	11:00	73° 50.56	118° 42.38	571	577	"	"	6.1	37
"	11:30	73° 48.43	118° 44.98	300	299	"	"	4.8	342
"	12:00	73° 46.30	118° 47.91	268	269	"	"	5.1	354
"	12:30	73° 43.812	118° 47.744	397	392	"	"	4.9	36
"	13:00	73° 41.698	118° 43.003	470	480	"	"	4.0	74
"	13:30	73° 43.078	118° 35.979	460	463	"	"	5.1	136
"	14:00	73° 44.618	118° 29.252	487	491	"	"	5.1	126
"	14:30	73° 46.198	118° 22.247	754	750	"	"	4.8	143
"	15:00	73° 47.87	118° 16.16	734	744	"	"	4.6	134
"	15:30	73° 49.635	118° 12.788	1107	1108	1000	"	2.6	195
"	16:00	73° 51.590	118° 3.122	1215	1215	2000	PAR	9.2	95.6
"	16:30	73° 52.94	117° 51.35	1287	1342	"	"	8.2	144
"	17:00	73° 56.24	117° 46.37	1376	1385	"	"	3.6	153
"	17:30	73° 53.15	117° 48.94	1198	1197	"	"	10.6	273
"	18:00	73° 58.82	118° 8.55	864	881	"	"	10.9	273
"	18:30	73° 58.120	118° 7.65	1230	1231	"	"	8.1	73
"	19:00	73° 57.92	117° 56.75	1177	1185	"	"	3.7	72
"	19:30	73° 57.08	117° 53.22	1283	1284	"	"	6.8	257
"	20:00	76° 56.76	118° 4.54	1180	1168	"	"	6.8	258

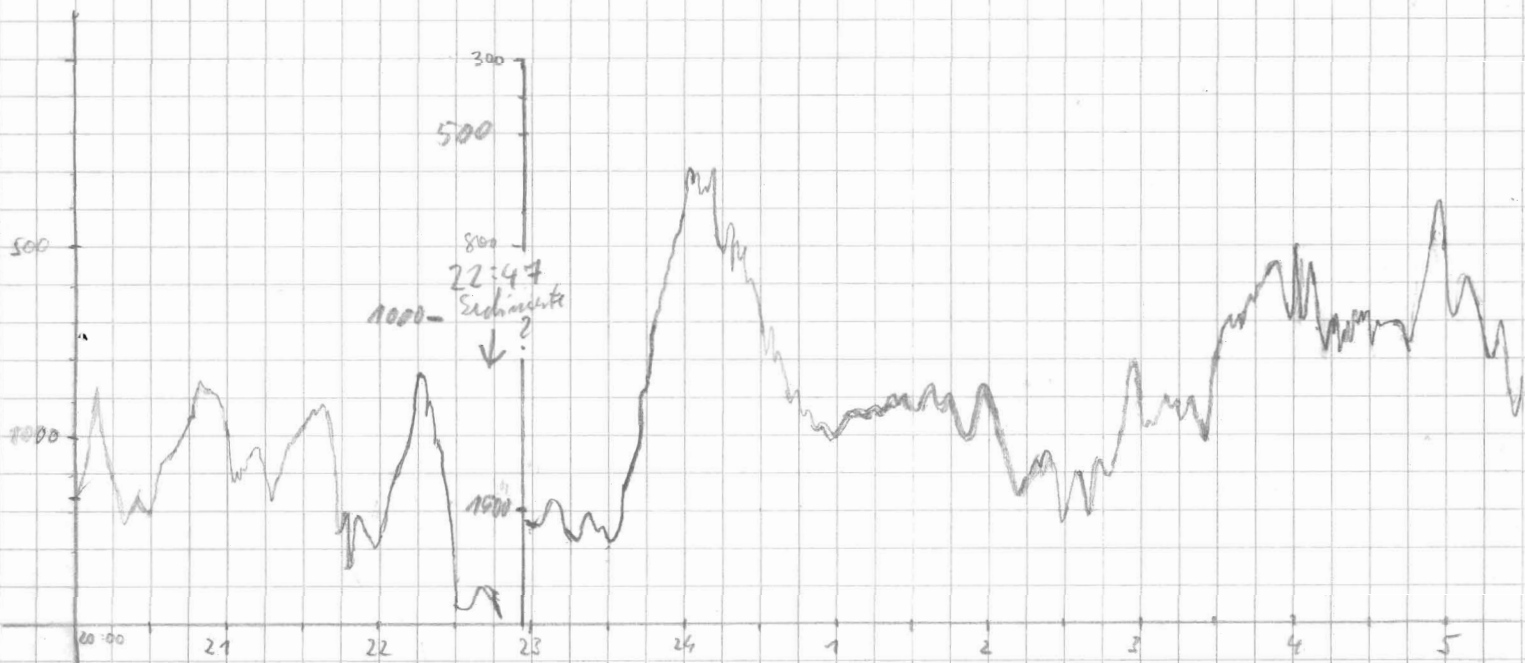


Watch	Comment
Jo	
"	
"	
Silke	
"	
"	
"	Maximum Depth auf 2000 m erhöht!
"	
Andreas	Um 04:28 Verlust der Tiefe!
Andreas	
Andreas	
Andreas	
Andreas	Werte Minimum u. Maximum Depth eingeschränkt und neu erweitert
Andreas	Min 100 ⇒ 1000 ⇒ 100 ✓
Andreas	Max 2000 ⇒ 1500 ⇒ 2000 ⇒ Tiefe PS ok ✓
Andreas	Sediment e um 6:28 am Graben
Silke	
"	
Meeres	
"	
"	
"	
"	
Selma	
Selma	
CD	
Kristin	75° 45,354' S 118° 24,402' W um 14:18 → Sedimente
Hilke	
Andreas	15:31 Sedimente auf der Schalle; 17:40 - 17:47 Aussitzer im Bild!
Andreas	Werte bis auf 1280 m runter
Gerold	
Christoph	
"	ab 18:30 zunehmendes Eis
"	"
"	PS berührt Eis
"	weniger Eis
"	19:16 - 19:18 Sediment!

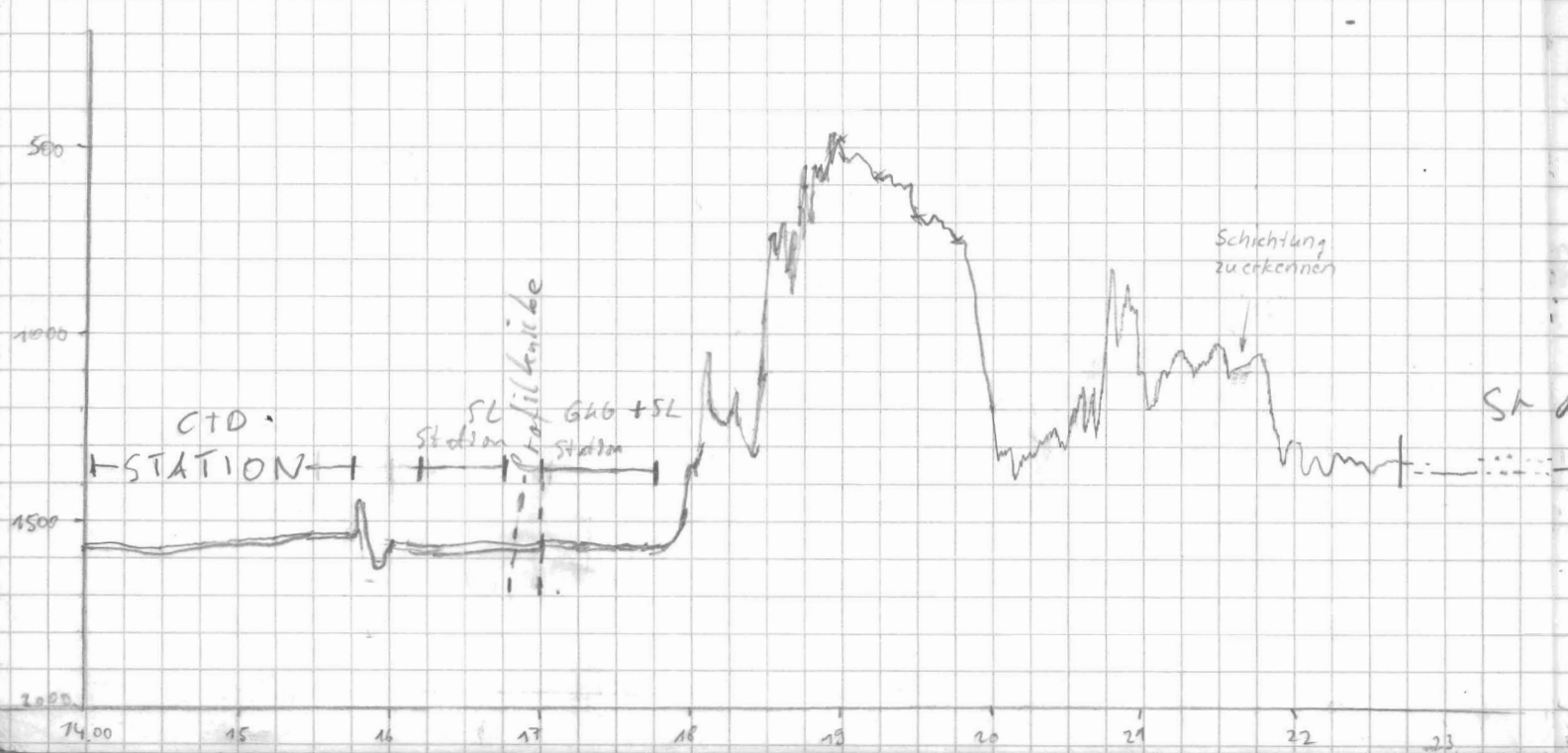
} HS
Surrey



54 Date	UTC	Latitude °S	Longitude °W	PS Depth	HS Depth	Range	Mode	Speed	Course	W
5.3.2006	20:30	73° 56. 283'	118° 15. 907'	7205	7270	2000	PAR	2.8	64	M
"	21:00	73° 55. 665'	118° 5. 778'	1048	1020	"	"	7.7	85	
"	21:30	73° 54. 572'	117° 55. 676'	971	976	"	"	7.0	41	
"	22:00	73° 53. 467'	117° 59. 202'	7261	7263	"	"	8.3	230	
"	22:30	73° 53. 75'	118° 14. 87'	7435	7449	"	"	8.3	242	
"	23:00	73° 55. 72'	118° 26. 31'	7512	7531	"	"	8.4	215	
"	23:30	73° 54. 63'	118° 31. 89'	7582	7645	"	"	8.2	310	
6.3.06	00:00	73° 51. 085'	118° 35. 312'	707	709	"	"	7.5	49.8	
"	00:30	73° 50. 219'	118° 22. 898'	1011	1005	"	"	7.8	73.8	
"	01:00	73° 50. 107'	118° 7. 720'	1276	1273	"	"	9.3	86.8	
"	01:30	73° 51. 081'	117° 58. 961'	1229	1230	"	"	1.0	101.5	
"	02:00	73° 51. 453'	117° 49. 512'	1213	1224	"	"	4.4	80.0	
"	02:30	73° 51. 383'	117° 41. 382'	2489	1905	"	"	6.1	73.8	
"	03:00	73° 51. 152'	117° 25. 378'	1297	1275	"	"	10.5	86.0	
"	03:30	73° 50. 009'	117° 06. 915'	1081	1088	"	"	10.7	54.4	
"	04:00	73° 47. 824'	116° 50. 826'	948	950	2000	"	10.4	76.2	
"	04:30	73° 50. 916'	116° 48. 837'	1102	1075	"	"	8.7	26.5	
"	05:00	73° 52. 787'	117° 2. 281'	858	851	"	"	8.4	25.5	
"	05:30	73° 54. 502'	117° 16. 061'	1155	1155	"	"	10.0	19.7	
"	06:00	73° 59. 246'	117° 14. 784'	266	266	"	"	10.2	22.4	
"	06:30	74° 0. 741'	117° 31. 643'	480	477	"	"	9.6	29.5	
"	07:00	73° 55. 909'	117° 28. 830'	1247	1244	"	"	9.8	6.9	
"	07:30	73° 53. 038'	117° 18. 012'	1339	1353	"	"	9.7	29.0	
"	08:00	73° 49. 688'	117° 17. 214'	908	937	"	"	9.4	26.3	
"	08:30	73° 49. 612'	117° 35. 571'	917	937	"	"	10.3	26.0	
"	09:00	73° 51. 189'	117° 44. 866'	1440	1430	"	"	5.5	17.7	
"	09:30	73° 53. 217'	117° 45. 029'	1446	1442	3000	"	5.9	18.4	
"	10:00	73° 54. 659'	117° 39. 002'	1386	1351	"	"	5.9	86.5	
"	10:30	73° 53. 221'	117° 31. 037'	1436	1451	"	"	7.6	90.3	
"	11:00	73° 52. 139'	117° 29. 532'	1456	1433	"	"	7.7	270.1	
"	11:30	73° 53. 035'	117° 40. 277'	1450	1447	"	"	5.5	218.3	
"	12:00	73° 53. 386'	117° 46. 871'	1237	1283	"	"	3.6	279.5	
"	12:30	73° 53. 503'	117° 56. 366'	1234	1218	2000	"	4.5	300.1	
"	13:00	73° 52. 707'	118° 05. 461'	1136	1123	"	"	7.8	296.0	
"	13:30	73° 52. 305'	118° 19. 731'	1446	1421	"	"	3.4	250.0	
"	14:00	73° 53. 788'	118° 29. 876'	1577	1583	"	"	3.1	205.4	

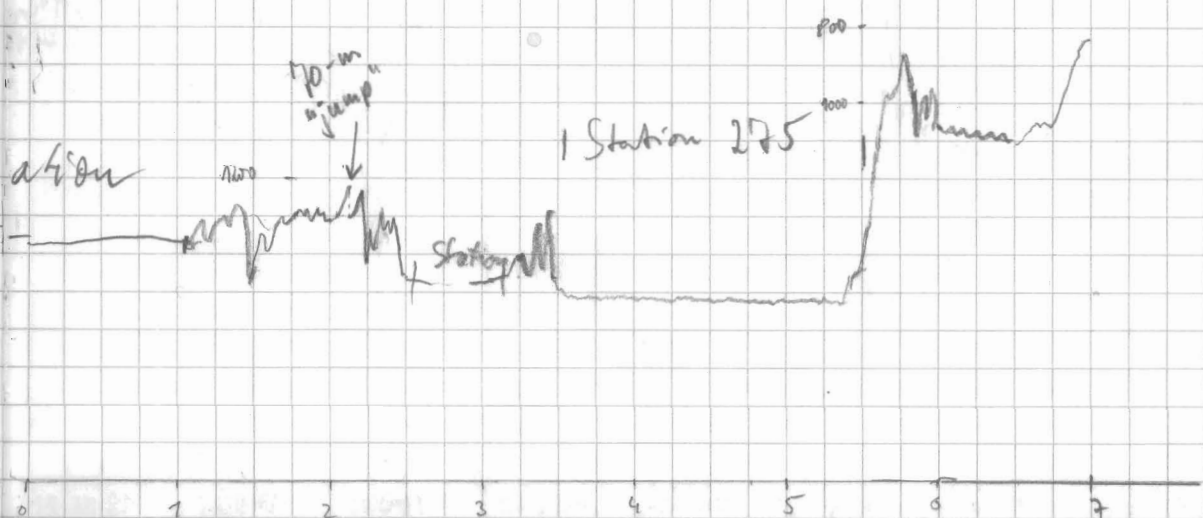


Date	UTC	Latitude S	Longitude (W)	PS Depth	HS Depth	range	mode	speed	course
6.3.2006	14:30	073° 53.755	118° 30.143	1585	1590	5000	PAR	0.6	341
"	15:00	072° 53.485	118° 30.537	1558	1566	5000	"	0.6	341
"	15:30	073° 53.251	118° 30.731	1524	1537	5000	"	0.4	12
"	16:00	073° 53.362	118° 29.610	1561	1569	2000	"	4.2	133.1
"	16:30	073° 53.562	118° 29.237	1582	1578	5000	"	0.2	300
"	17:00	073° 53.558	118° 28.428	1456	1569	2000	"	2.4	136
"	17:30	073° 53.498	118° 28.740	1570	1577	5000	"	0.7	338
"	18:00	073° 52.697	118° 31.466	1382	1386	2000	"	5.8	9.4
"	18:30	073° 49.952	118° 25.428	725	725	"	"	9.1	303
"	19:00	073° 50.683	118° 38.226	519	529	"	"	1.3	68°
"	19:30	073° 52.143	118° 35.841	672	678	"	"	6.4	81
"	20:00	073° 51.080	118° 23.553	2122	? 1290	"	"	8.3	85.7
"	20:30	73° 51.371'	118° 9.269'	1171	1178	"	"	7.2	120
"	21:00	73° 53.680'	118° 2.076'	1089	1102	"	"	4.2	120
"	21:30	73° 55.020'	117° 56.460'	1038	1050	"	"	2.5	110
"	21:58	73° 55.208'	117° 51.568'	1282	1328	"	"	3.9	119
"	22:30	73° 57.723'	117° 50.231'	1354	1411	2000	PAR	1.5	168
"	23:00	73° 57.860'	117° 50.349'	1351	-	2000	PAR	0.3	241
"	23:30	73° 57.929'	117° 50.479	1313	1344	2000	PAR	0.4	261
7.3.06	0:00	73° 57.584'	117° 50.358	1343	1348	2000	PAR	0.4	261
"	1:01	73° 57.73	117° 50.67	1354	1351	"	"	"	"
"	1:30	73° 56.71	117° 49.71	1485	1451	"	"	"	"
"	2:00	73° 54.45	117° 48.30	1305	1308	"	"	4.4	357
"	2:30	73° 51.31	117° 46.57	1451	1450	5000	"	0.3	186
"	3:15	73° 51.40	117° 45.24	1400	1406	2000	"	8.5	123
"	3:31	73° 52.72	117° 37.16	1431	1430	"	"	10.4	113
"	3:45	73° 53.29	117° 32.98	1513	1519	"	"	0	12
"	05:33	73° 53.61	117° 32.96	1336	1372	"	"	2.9	102
"	06:00	73° 52.42'	117° 22.01	1060	1063	"	"	9.8	5
"	06:30	73° 49.31	117° 14.69	1114	1101	"	"	7.1	90
"	07:00	73° 49.21	116° 59.95	844	862	"	"	4.2	12.3
"	07:04	73° 49.02	116° 59.51	797	803	"	"	-	-



Watch	Comment
Nick	Station 1 14.42 Depth Range: 2000m
Nick	Station 1 14.46 Depth Range: 5000m
"	ca 1559 Stations ende Depth Range: 2000m
Nick	ca 16 ⁰⁷ Station Depth Range: 5000m
Andreas	Eindringtiefe ca: 20m - 25m Station: 16 ¹⁵ - 16 ⁵⁰ ←
Andreas	Station 1701 - 1748 ⇒, Depth Range 5000m
Andreas	Par. Frequ: 5.5 kHz Fild, 4 kHz
Andreas	Par Frequ: 4 kHz " 2 kHz
Katja	
Katja	
Katja	
Kristin	
"	
"	
"	
André	Station ab 22:38 0,3 km, 250°
"	Kanten und Sprünge 1350 ↔ 1315
"	
"	Station SL 69/273-2 SL found down 0:48
Christina	Station Glenduk: 1:03
"	sehr rauhe Topografie
Matze	02:22 → low-pass filter: 4 kHz → approach of station 274
Matze	↳ Frequency: 5.5 kHz; Depth range: 5000m
Geord	Ende Station SL PS 69/274
"	
"	Region Station SL+GKG PS 69/275
Matze	End of station PS 69/275
Geord	
Janna	
Janna	Aufahrt auf CTD-Station
Janna	Station

Sediment schichtung



58	date	UTC	Latitude S	Longitude W	PS Depth	HI Depth	range	mode	speed	course	wa
	07.03.	08:10	73° 48, 587'	116° 59, 303'	880	905	2000	PAR	8.7	248	M
	"	08:30	73° 48, 789'	116° 57, 769'	768	769	"	"	20.0	75	
	"	09:00	73° 50, 909'	116° 50, 569'	1058	1060	"	"	10.0	312	
	"	09:30	73° 50, 589'	116° 57, 144'	1028	1043	"	"	9.3	287	
	"	10:00	73° 52, 620'	117° 12, 892'	1186	1143	"	"	10.5	246	
	"	10:30	73° 50, 789'	117° 5, 523'	1200	1209	"	"	9.5	38	
	"	11:00	73° 52, 248'	116° 55, 502'	2397	902	"	"	10.2	78	
	"	11:30	73° 54, 100'	116° 48, 741'	2409	1070	"	"	10.0	272	
	"	12:00	73° 55, 392'	117° 3, 244'	648	644	"	"	5.8	250	
	"	12:30	73° 52, 192'	117° 12, 224'	563	570	"	"	10.0	252	
	"	13:00	73° 59, 743'	117° 2, 417'	316	317	"	"	2.4	277	
	"	13:30	73° 59, 393'	117° 10, 847'	234	235	"	"	8.7	77	
	"	14:00	73° 58, 244'	116° 57, 398'	135	133	500	"	8.2	54	
	"	14:15	73° 57, 124'	116° 52, 457'	169	170	"	"	7.2	40	
	"	15:32	73° 56, 949'	116° 53, 189'	211	211	1000	"	7.7	327	
	"	16:00	73° 53, 197'	117° 02, 147'	805	806	2000	"	10.0	327	
	"	16:30	73° 48, 707'	117° 10, 529'	992	978	"	"	8.8	343	
	"	17:00	73° 46, 127'	117° 00, 105'	729	731	"	"	8.4	33	
	"	17:30	73° 44, 850'	116° 47, 287'	725	726	"	"	9.8	65	
7/3/06	"	18:00	73° 42, 584'	116° 34, 827'	817	816	"	"	9.4	62	
"	"	18:30	73° 44, 181'	116° 19, 341'	910	907	"	"	9.3	112	
"	"	19:00	73° 46, 219'	116° 4, 033'	817	788	"	"	9.6	113	
"	"	19:30	73° 48, 239'	115° 48, 298'	645	648	"	"	10.1	115	
"	"	20:00	73° 50, 227'	115° 33, 329'	894	903	"	"	2.5	130	
"	"	20:30	73° 50, 820'	115° 34, 445'	941	952	5000	"	0.3	72	
"	"	22:00	73° 50, 984'	115° 22, 277'	923	932	2000	"	9.9	101	
"	"	22:30	73° 52, 220'	115° 5, 137'	762	765	"	"	9.9	104	
"	"	23:00	73° 53, 456'	114° 47, 753'	219	220	1000	"	10.5	105	
"	"	23:30	73° 54, 640'	114° 30, 009'	332	344	"	"	10.3	62	
"	"	24:00	73° 50, 540'	114° 15, 094'	141.1	141.4	500	"	10.1	52	
8/3/06	"	00:30	73° 50, 536'	114° 6, 684'	254	254	"	"	9.7	115.6	
"	"	01:00	73° 52, 172'	113° 50, 031'	242	242	"	"	9.7	105.5	
"	"	01:30	73° 54, 169'	113° 34, 316'	488	493	1000	"	9.7	114.7	
"	"	02:00	73° 56, 163'	113° 18, 301'	349	349	"	"	9.5	113.7	



Walch
Martin 08:06 Station Ende

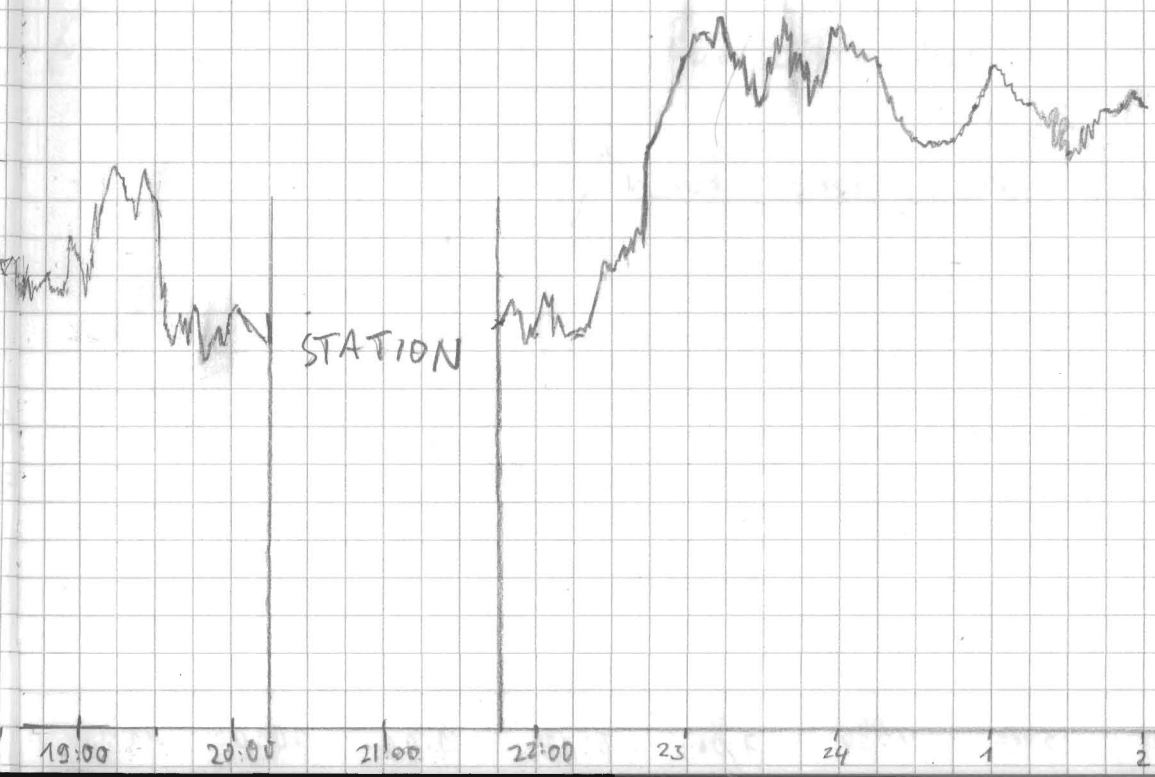
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Jo
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Standby wegen geologischer Reprofilierung am Land

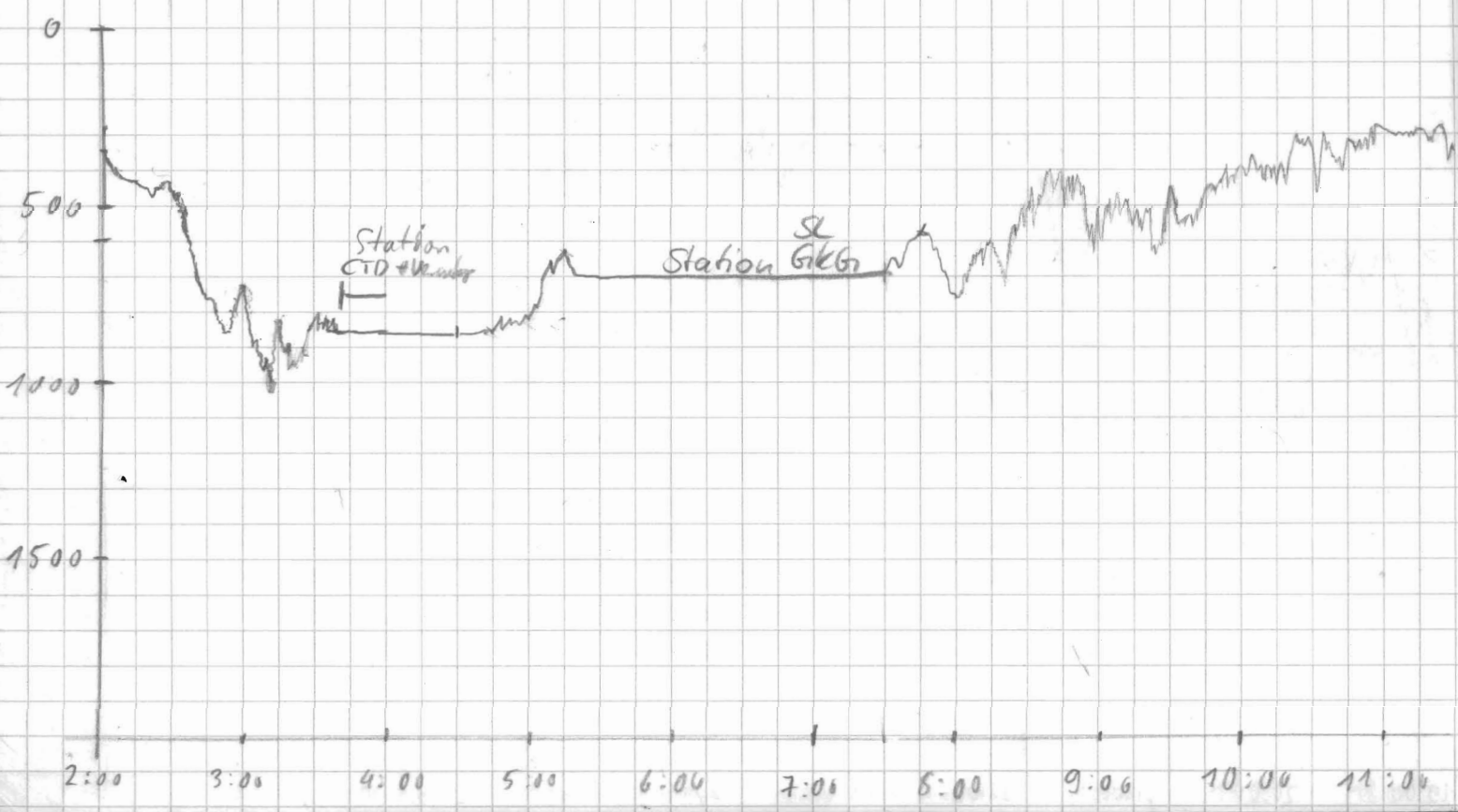
Nick	20:11	PAR A-D Converter sensitivity von 20 auf 26 dB
"	20:15	Station → Depth Range von 2000m auf 5000m
Hann	20:38	STANDBY
"	21:37	Stationende → Beginn Aufzeichnung
"	21:39	Depth Range von 5000m auf 2000m
"	22:45	Depth Range 2000 → 1000m
Silke	23:01	Depth Range 1000 → 500m

20:11

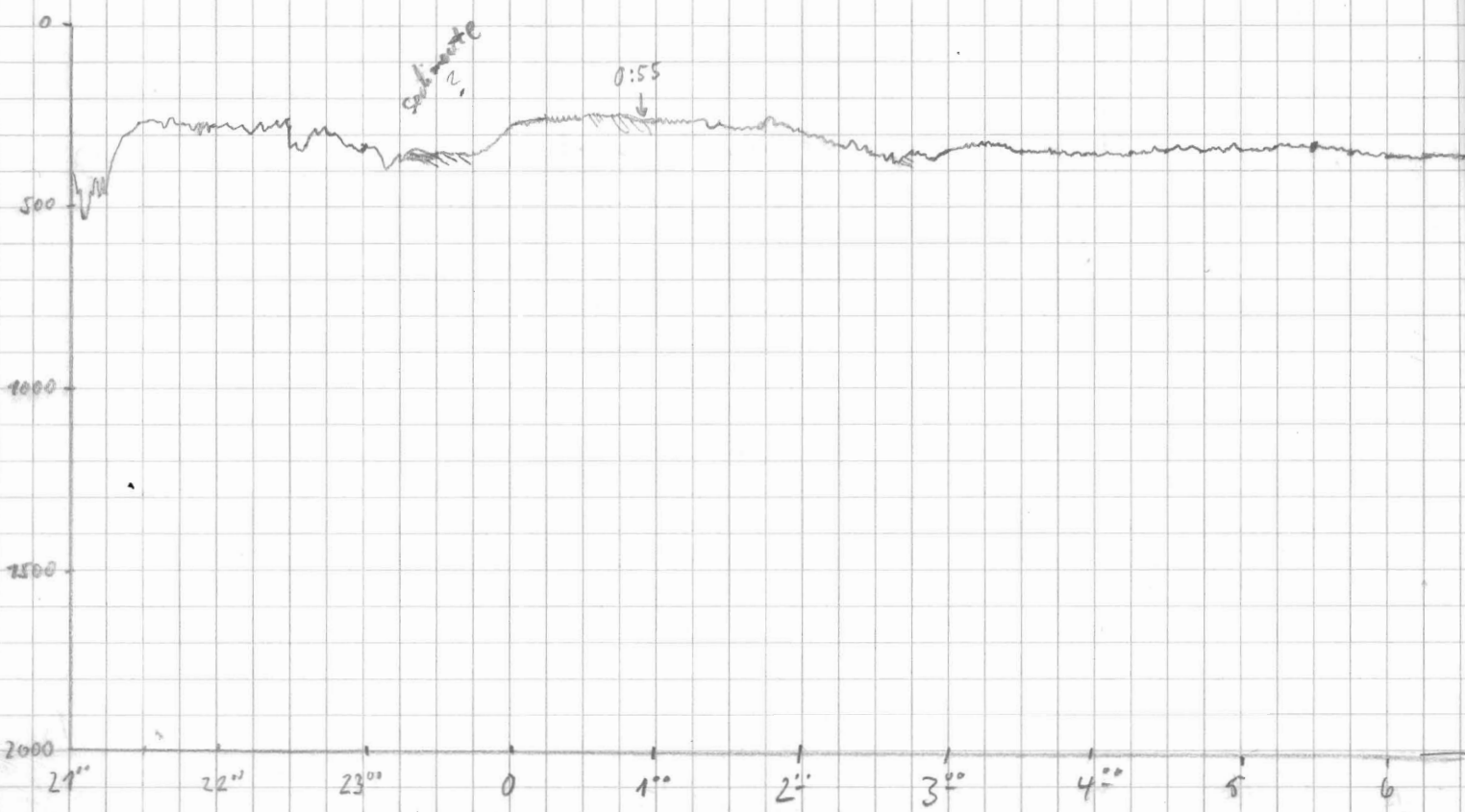
Andreas



60 date	UTC	Lat S	Long W	depth PS	depth HS	depth range	pulse mode	Speed	course
8/31/06	02:30	73° 58.169	113° 2.449	473	468	1000	PAR	10.0	114.4
"	03:00	74° 0.320	112° 46.426	743	746	"	"	9.9	117.1
"	03:30	74° 2.436	112° 30.360	840	843	"	"	9.7	126.5
"	04:00	74° 3.608	112° 24.776	898	896	5000	"	0.2	24.6
"	04:30	074° 3.794	112° 23.960	913	914	"	"	"	58
"	05:00	074° 1.725	112° 13.496	753	797	2000	"	9.8	66.4
"	05:30	073° 59.357	111° 57.969	622	619	"	"	9.8	59.9
"	06:00	073° 56.985	111° 42.696	482	487	"	"	9.8	53.5
"	07:30	073° 56.127	111° 37.253	627	630	"	"	9.8	105
"	08:00	073° 57.423	111° 25.655	755	756	"	"	10.1	199
"	8:30	73° 58.331	111° 30.199	497	500	1000	"	9.2	168
"	9:00	73° 57.724	111° 33.805	582	568	"	"	9.3	94
"	9:30	74° 0.699	111° 21.034	458	464	"	"	9.3	134
"	10:00	74° 2.745	111° 13.533	398	393	"	"	9.2	130
"	10:30	74° 5.047	111° 5.110	325	326	"	"	9.3	135
"	11:03	74° 8.644	110° 51.521	299	300	"	"	9.3	136
"	11:30	74° 11.823	110° 42.632	337	338	"	"	9.3	117
"	11:58	74° 14.064	110° 30.304	230	233	"	"	8.3	122
"	12:30	74° 17.135	110° 19.889	193	193	1000	PAR	8.7	140
"	13:00	74° 19.779	110° 12.376	216	216	"	"	0.0	173
"	13:30	74° 19.753	110° 12.381	212	214	"	"	0.1	285
"	14:00	74° 19.897	110° 13.072	206	206	"	"	5.6	224
"	14:33	74° 21.17	110° 11.74	337	338	"	"	0.6	172
"	14:40	74° 21.21	110° 11.79	348	339	"	"	0.0	163
"	14:49	74° 19.050	110° 15.283	246	242	"	"	8.7	337
"	18:00	74° 17.730	110° 17.911	223	223	"	"	10.6	315
"	18:51	74° 13.62	110° 15.01	155	154	"	"	10.1	17
"	19:00	74° 13.629	110° 14.507	163	163	"	"	2.9	194
"	19:34	74° 14.119	110° 15.440	128	128	"	"	5.3	258
"	20:00	74° 11.600	110° 20.505	157	156	"	"	5.1	313
"	20:30	74° 9.634	110° 22.937	272	271	"	"	4.8	337
"	20:30	74° 7.364	110° 26.134	444	444	"	"	4.5	349



62 date	UTC	Latitude S	Longitude W	depth PS	depth HS	depth range	pulse rate	speed	course
08.03.06	21:00	74° 4.933'	110° 27.280'	390	392	1000	PAR	5.0	349
"	21:30	74° 2.415'	110° 27.220'	275	275	"	"	5.4	347
"	22:00	74° 0.043'	110° 32.229'	286	293	"	"	5.7	307
"	22:30	73° 58.225'	110° 39.56'	243	243	"	"	5.9	332
"	23:03	73° 55.78'	110° 45.31	310	310	"	"	5.1	339
"	23:26	73° 54.10	110° 47.18	244	245	"	"	4.6	347
09.03.06	0:00	73° 51.30	110° 49.99	262	263	"	"	5.0	347
"	0:30	73° 48.93	110° 53.32	248	251	"	"	5.2	335
"	1:00	73° 46.67	110° 56.57	263	263	"	"	5.1	340
"	1:30	73° 44.35	110° 0.04	284	286	"	"	5.3	338
"	2:00	73° 41.99	111° 3.38	302	302	"	"	5.1	339
"	2:30	73° 39.698	111° 06.666	341	343	"	"	6.0	339
"	3:00	73° 37.351	111° 10.004	330	332	"	"	5.1	339
"	3:30	73° 35.039	111° 13.347	338	338	"	"	5.0	341
"	4:00	73° 32.766	111° 17.229	348	348	"	"	5.0	326
"	4:30	73° 30.729	111° 22.218	341	340	"	"	5.2	336
"	5:00	73° 28.361	111° 23.274	345	344	"	"	4.6	350
"	5:30	73° 25.977	111° 26.299	342	339	"	"	5.2	337
"	6:00	73° 23.648	111° 29.541	350	351	"	"	4.8	335
"	6:30	73° 21.294	111° 32.850	364	360	"	"	5.3	339
"	7:00	73° 18.916	111° 36.241	373	371	"	"	5.0	339
"	7:30	73° 16.510	111° 39.568	383	380	"	"	5.2	337
"	8:00	73° 14.221	111° 42.809	395	393	"	"	4.9	340
"	8:30	73° 11.946	111° 45.996	399	399	"	"	4.8	335
"	9:00	73° 9.745	111° 49.095	403	401	"	"	5.0	335
"	9:30	73° 7.471	111° 52.232	402	403	"	"	4.6	337
"	10:00	73° 5.309	111° 55.266	417	416	"	"	4.8	337
"	10:30	73° 3.040	111° 58.466	430	431	"	"	5.0	339
"	11:00	73° 0.735	112° 1.482	442	443	"	"	4.5	356
"	11:30	72° 58.509	112° 3.552	431	429	"	"	5.3	337
"	12:00	72° 56.086	112° 7.520	449	451	"	"	5.2	341
"	12:30	72° 53.954	112° 11.333	427	426	"	"	4.8	339
"	13:00	72° 51.635	112° 13.559	459	462	"	"	5.0	351
"	13:30	72° 49.963	112° 17.089	473	471	"	"	5.1	350



Walter com-461

Martin

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Gerl

Gerl 23:15-23:45 h: seaward dipping subbottom reflectors

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Christina

0:55 h: seaward dipping subbottom reflectors

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Nach Norden einfallende Reflektoren

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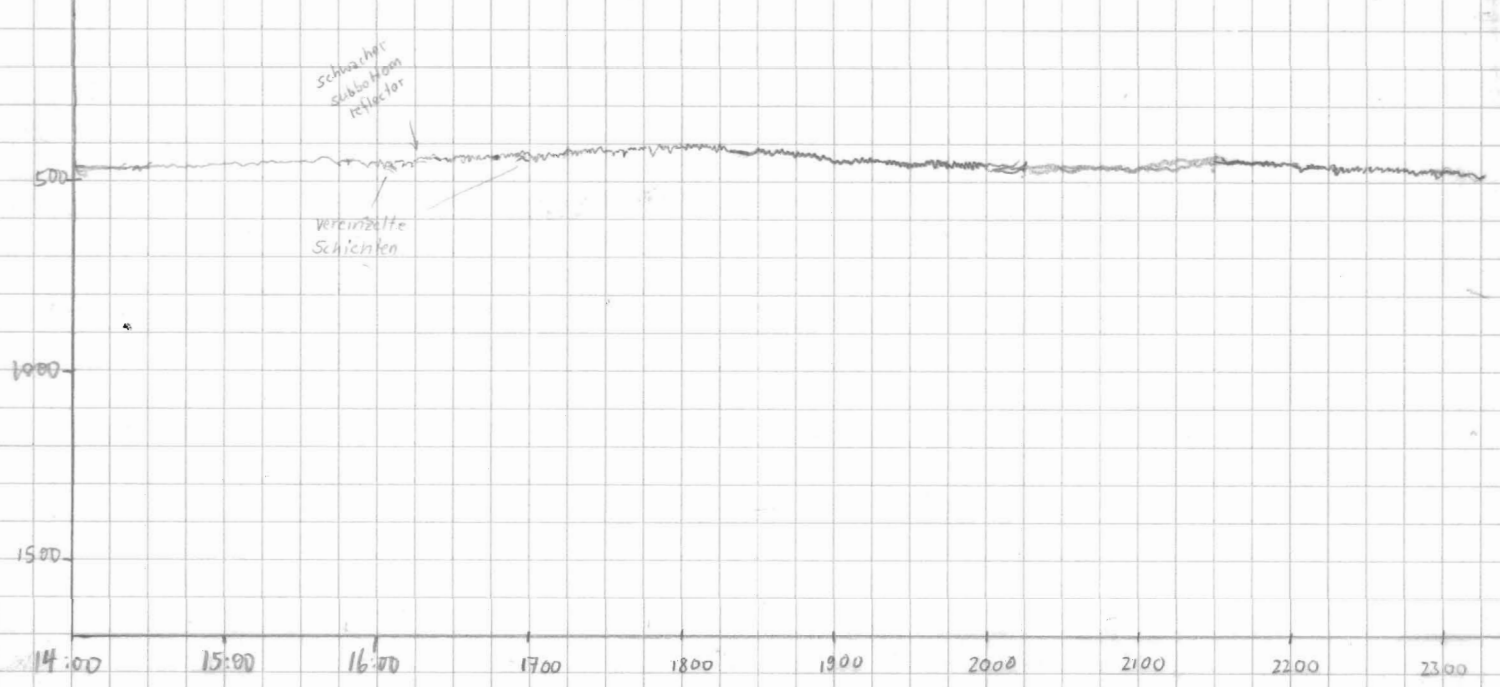
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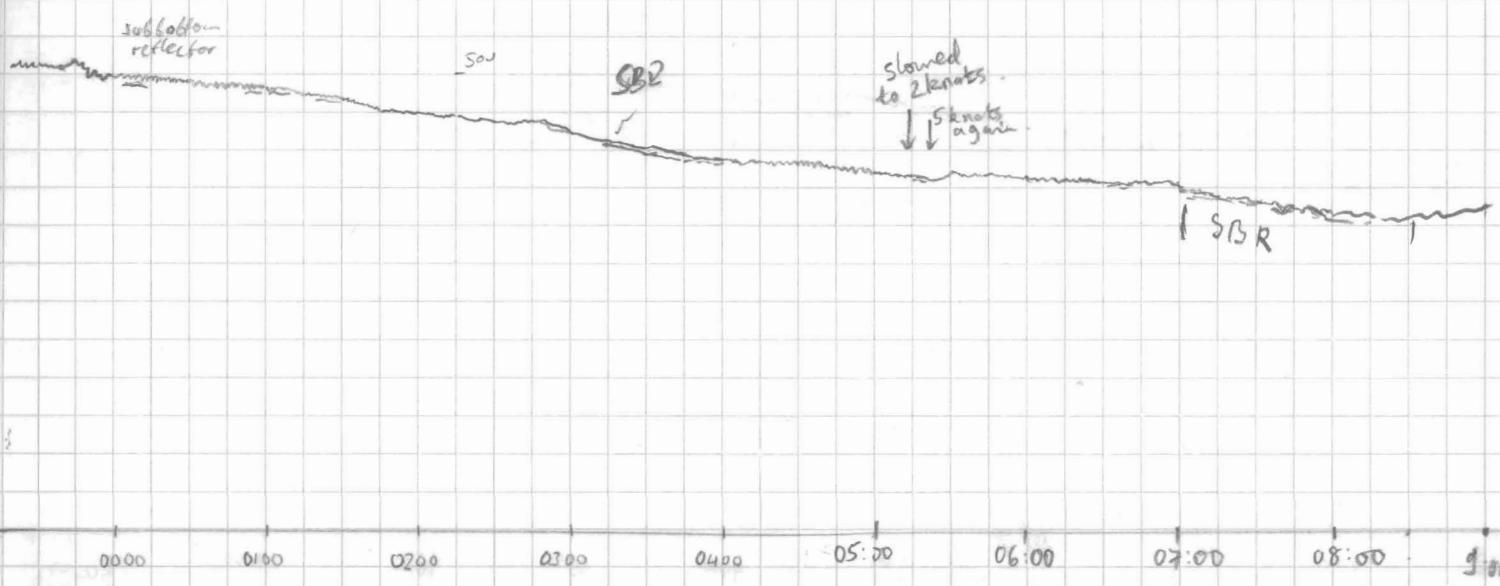
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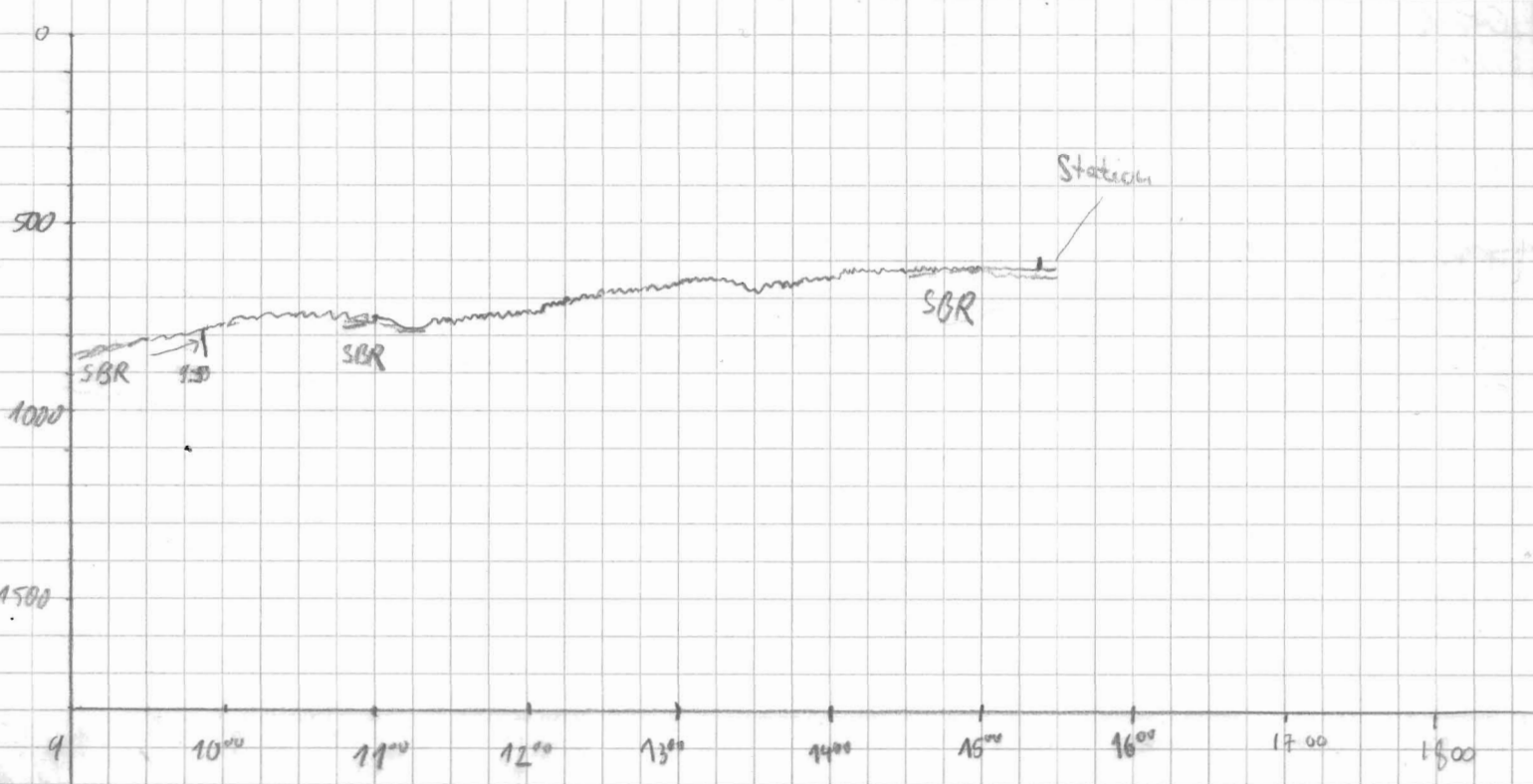
date	UTC	Latitude S	Longitude W	depth PS	depth HS	depth range	pulse rate	speed	count
9/3/06	14:00	72° 47.633	112° 19.614	464	464	1000	PAR	4.9	338
"	14:30	72° 45.281	112° 22.806	456	458	"	"	5.0	337
"	15:00	72° 42.962	112° 26.001	449	449	"	"	5.4	338
"	15:30	72° 40.573	112° 29.279	435	436	"	"	4.8	335
"	16:00	72° 40.199	112° 34.725	446	449	"	"	5.0	250
"	16:30	72° 38.398	112° 38.305	435	438	"	"	5.4	337
"	17:00	72° 36.107	112° 41.751	419	422	"	"	4.9	336
"	17:30	72° 33.834	112° 45.598	413	419	"	"	5.1	324
"	18:00	72° 32.076	112° 51.006	409	406	"	"	5.2	309
"	18:30	72° 32.15	112° 58.60	422	427	"	"	5.3	252
"	19:00	72° 33.50	113° 04.58	432	433	"	"	5.0	200
"	19:30	72° 35.75	113° 07.88	441	441	"	"	4.8	221
"	20:00	72° 37.60	113° 13.22	443	445	"	"	4.4	238
"	20:30	72° 39.42	113° 18.99	430	431	"	"	5.1	221
"	21:00	72° 41.22	113° 25.42	421	421	"	"	4.9	271
"	21:30	72° 42.29	113° 31.06	418	418	"	"	4.8	230
"	22:00	72° 44.17	113° 36.97	448	448	"	"	4.7	227
"	22:30	72° 45.79	113° 43.32	458	458	"	"	5.1	227
"	23:00	72° 47.34	113° 49.76	464	463	"	"	4.9	227
"	23:30	72° 49.08	113° 54.95	490	485	"	"	4.3	205
10/03/06	00:00	72° 50.91	113° 58.62	501	502	"	"	4.6	223
"	00:30	72° 52.642	114° 04.735	528	520	"	"	5.2	228
"	01:00	72° 54.521	114° 10.777	547	536	"	"	4.9	229
"	01:30	72° 56.390	114° 15.977	564	566	"	"	5.2	222
"	02:00	72° 58.093	114° 21.624	607	596	"	"	4.0	243
"	02:30	72° 59.902	114° 26.930	625	628	"	"	5.4	211
"	03:00	73° 1.714	114° 32.800	659	662	"	"	5.0	221
"	03:30	73° 3.766	114° 37.321	704	714	"	"	5.3	214
10/3/06	04:00	73° 5.403	114° 43.640	729	731	"	"	4.8	230
"	04:30	73° 7.172	114° 49.304	731	735	"	"	4.8	203
"	05:00	73° 9.778	114° 50.338	745	747	"	"	5.2	190
"	05:30	73° 10.920	114° 48.234	752	753	"	"	5.3	74
"	06:00	73° 10.578	114° 39.668	765	771	"	"	4.7	137
"	06:30	73° 13.377	114° 41.194	776	779	"	"	5.4	226
"	07:00	73° 13.433	114° 50.072	811	812	"	"	4.9	267
"	07:30	73° 13.407	114° 58.795	835	833	"	"	5.0	266
"	08:00	73° 13.614	115° 7.278	855	858	"	"	5.1	262
"	08:30	73° 13.83	115° 15.953	859	860	"	"	4.9	262
"	9:00	73° 12.56	115° 19.96	858	854	"	"	5.2	356



watch	comments
8 Jo	14:02 brief loss of data in NBS window; corrected @ 14:05
7 Silke	
8 "	
52 "	
0 Kristin	
7 "	
6 "	
4 "	
2 Matze	
1 "	
6 "	
1/1 Christina	
4 "	
20 "	
7 Terry	
" "	
" "	
" "	
Marin	00:04 - 00:72 sub bottom reflector
" "	
" "	
Step	
" "	
" "	
Jo	
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Gerold	Kurswechsel → schledichte NBS Signale
" "	



date	UTC	Lat/lon S	Long/lon E	depth PS	depth HS	depth range	pulse rate	speed	comm
10/3/06	9:30	73° 10.089	115° 19.948	817	819	1000	PAR	5.0	358
"	10:00	73° 7.563	115° 19.991	782	797	"	"	5.1	360
"	10:30	73° 4.949	115° 20.011	749	754	"	"	5.4	360
"	11:00	73° 2.553	115° 21.460	741	743	"	"	5.6	330
"	11:30	73° 0.567	115° 21.686	748	752	"	"	4.8	56
"	12:00	72° 58.179	115° 19.994	730	732	"	"	4.8	359
"	12:30	72° 55.774	115° 19.999	693	694	"	"	4.7	1
"	13:00	72° 53.313	115° 20.001	665	667	"	"	5.2	356
"	13:30	72° 52.722	115° 24.055	669	671	"	"	3.4	39
"	14:00	72° 50.717	115° 20.030	640	641	"	"	4.8	1
"	14:30	72° 48.252	115° 19.972	626	625	"	"	5.0	15
"	15:00	72° 45.821	115° 20.412	613	614	"	"	5.1	315.4
"	15:30	72° 46.337	115° 19.319	611	614	5000	"	1.7	134.7
"	16:00								
"	19:00	72° 46.508	115° 19.299	611	614	"	"	3.0	143.4
"	20:33	72° 46.742	115° 22.820	616	618	1000	"	4.8	187
"	21:00	72° 51.169	115° 23.080	653	659	"	"	10.2	179
"	21:30	72° 56.166	115° 23.555	732	733	"	"	10.0	163
"	22:00	73° 01.043	115° 24.382	757	762	5000	"	7.6	178
"	22:30	73° 01.227	115° 24.094	760	763	11	"	0.4	359
"	23:00	73° 0.985	115° 24.473	763	760	11	"	0.8	149
"	23:30	73° 2.919	115° 18.117	755	756	1000	"	9.2	130
11/03/06	20:00	73° 5.932	115° 6.471	742	746	"	"	9.4	135
"	0:23								
"	0:40	73° 10.102	114° 50.464	747	748	"	"	9.0	128
"	1:00	73° 12.068	114° 42.740	767	771	"	"	8.8	132
"	1:30	73° 15.157	114° 30.729	794	795	"	"	9.5	130
"	2:00	73° 18.141	114° 19.111	788	787	"	"	9.1	131
"	2:30	73° 21.151	114° 07.231	762	764	"	"	8.9	132
"	3:00	73° 24.291	113° 55.912	734	736	"	"	7.1	132
"	3:30	73° 27.161	113° 43.781	685	685	"	"	7.1	133
"	4:00	73° 30.251	113° 31.501	679	678	"	"	7.2	132
"	4:30	73° 33.24	113° 19.66	658	658	"	"	9.2	131



- watch
- Gerold
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- CD
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- Silke
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- Marc
- Gerold
- Kristin
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- Andreas
- Andreas
- Kristin
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- Christina
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- Matze
- "
- "
- "
- Christian

commands

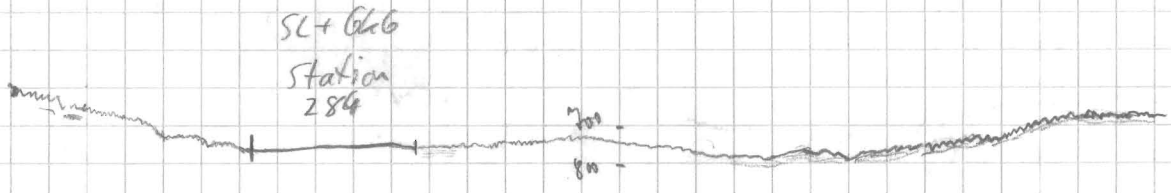
15.40 Station Depth range auf 5000 umgestellt

19:00: station fertig Bio, 1 min zur SL GIKG station

22:05 Geo Station 284 → in 5000 range geschaltet

23:10 Stationsende, wieder 1000 depth range

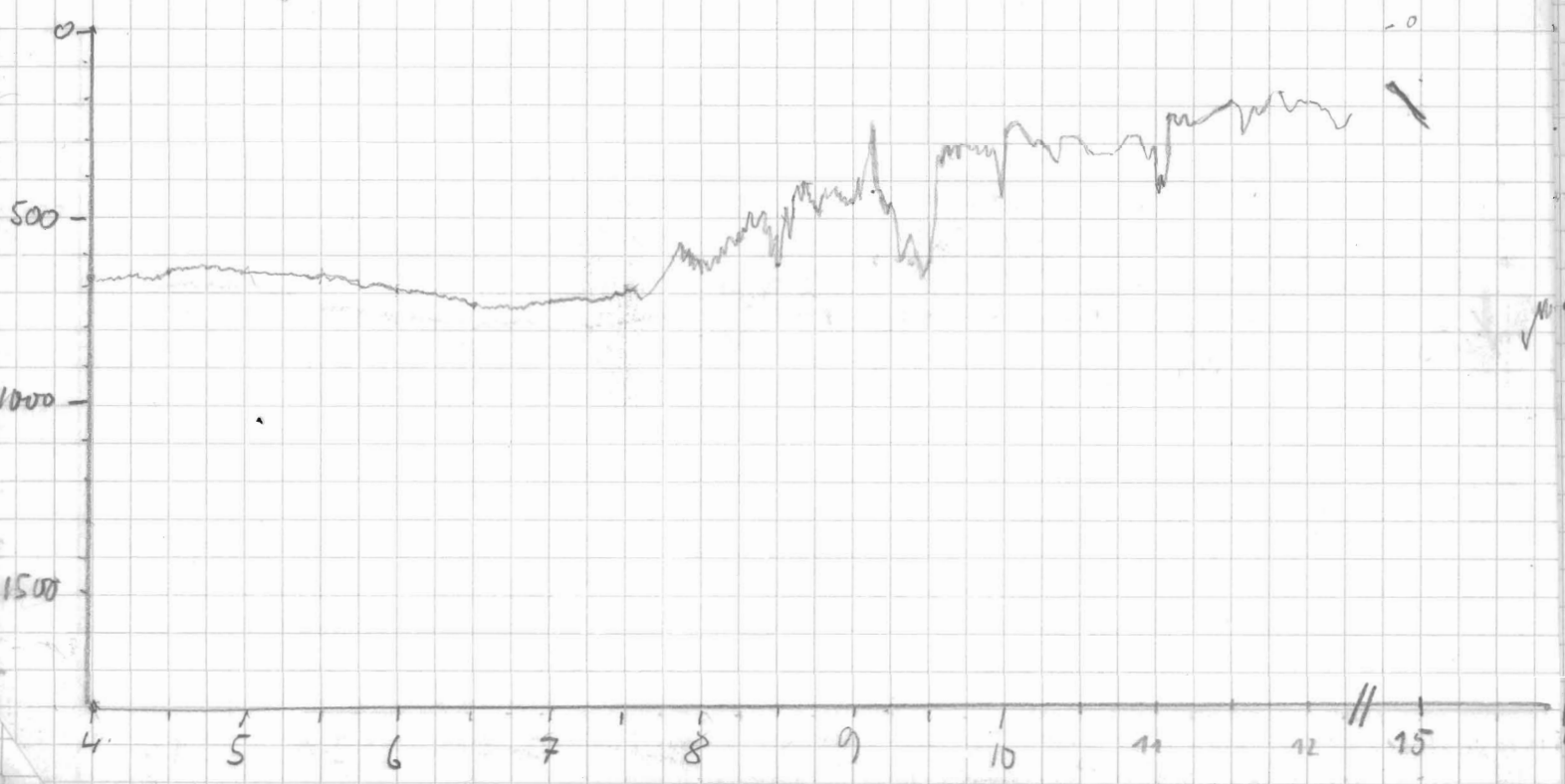
System abgehört
Neustart



Geo Station
/283

19:00 20:00 21:00 22:00 23:00 00:00 1:00 2:00 3:00 4:00

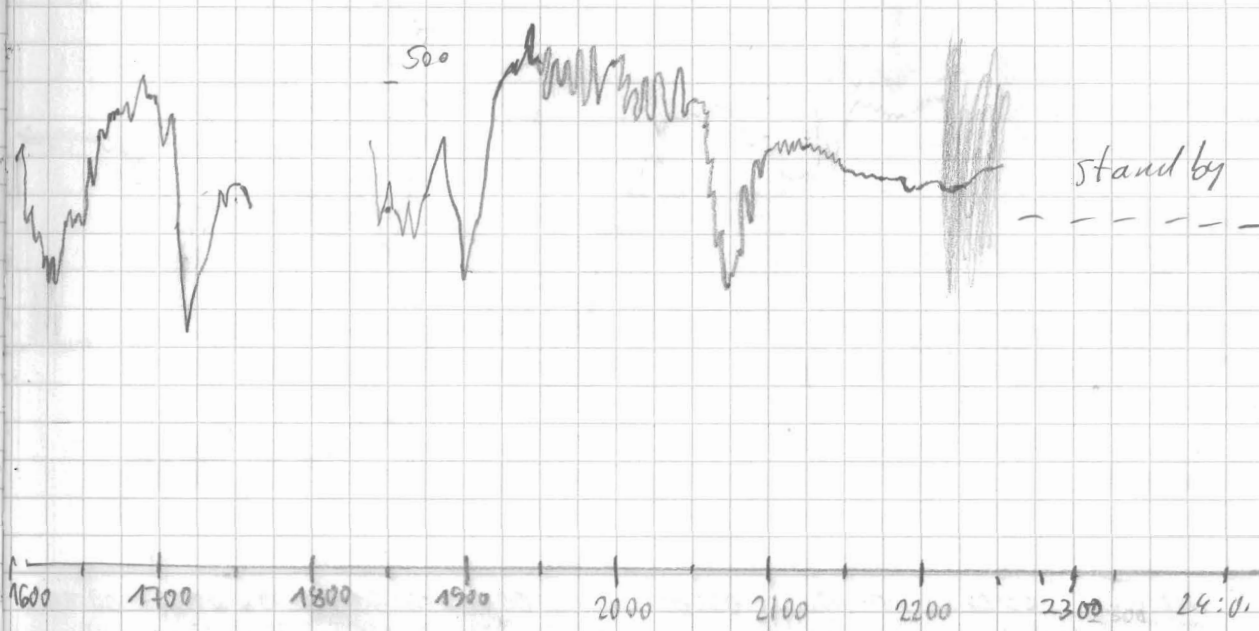
Date	UTC	Latitude °S	Longitude °W	PS	HS	Range	Mode	Speed	COUNT
68/1.3.06	5:00	73° 26.28	113° 7.59	656	657	1000	PAR	9.1	131
"	5:30	73° 39.37	112° 55.55	687	687	"	"	9.5	131
"	6:00	73° 42.54	112° 42.64	698	695	"	"	9.8	128
"	6:34	73° 45.98	112° 28.86	730	732	"	"	9.5	134
"	7:01	73° 48.91	112° 16.94	717	716	"	"	9.3	132
"	7:27	73° 52.61	112° 6.16	691	691	"	"	9.2	130
"	8:04	73° 55.04	111° 52.25	628	621	"	"	9.5	131
"	8:30	73° 58.005'	111° 40.262'	597	614	"	"	9.3	129
"	9:00	74° 0.999'	111° 28.092'	516	533	"	"	8.8	130
"	9:30	74° 3.826'	111° 16.555'	622	633	"	"	8.5	130
"	10:00	74° 6.692'	111° 4.807'	287	291	"	"	8.9	129
"	10:30	74° 9.460'	110° 53.483'	307	307	"	"	8.8	130
"	11:00	74° 11.697'	110° 40.897'	370	372	"	"	8.8	99
"	11:30	74° 14.057'	110° 28.970'	190	190	"	"	7.7	134
11-3.06	12:00	74° 16.915	110° 20.229'	793	192	"	"	8.3	139
"	12:30	74° 19.542'	110° 12.242'	202	202	"	"	9.7	111
"	14:51	74° 18.516	110° 7.176	124	123	"	"	13.6	87
"	15:00	74° 19.208	110° 3.69	227	228	"	"	7.6	120
"	15:34	74° 20.965	109° 59.648	1269	1278	2000	"	11.9	143
"	16:00	74° 22.497	109° 44.352	746	783	1000	"	8.9	85
"	16:30	74° 23.858	109° 32.288	867	872	2000	"	8.2	120
"	17:00	74° 27.025	109° 32.276	639	635	"	"	10.1	218
"	17:30	74° 30.019	109° 41.579	794	800	"	"	2.4	245
"	17:45	74° 30.044	109° 41.749	813	818	"	"	2.3	240
"	18:30	74° 28.943'	109° 43.476	821	812	"	"	10.0	325
"	19:00	74° 31.417'	109° 38.632'	1002	985	"	"	9.3	144
"	19:30	74° 35.212'	109° 28.822'	466	463	"	"	9.6	158
"	20:00	74° 36.612	109° 21.613	440	440	1000	"	9.9	547
"	20:30	74° 32.780	109° 28.747	559	555	"	"	10.4	329.5
11.3.06	21:00	74° 29.143	109° 33.040	691	692	"	"	10.1	353
"	21:30	74° 26.214	109° 22.450	728	742	"	"	8.8	1057
"	22:00	74° 29.49'	109° 28.69'	708	709	"	"	10.1	215
"	22:30	74° 31.07'	109° 31.78'	640	710	"	"	0.1	168
"	23:00	74° 31.065	109° 31.792	688	723	standby		0.0	164
"	23:30	"	"	"	"	"		"	"
"	24:00	"	"	"	"	"		"	"



Remarks

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12:30 - Standby Heligoland
 Warte/abfert
 starke Strömung wegen Eisfahrt
 17:31 h: on CTD station → standby
 18:19 h: switched on again
 18:20 se-Wal
 22:10 Helicopter arrival - speed 0.1 kt
 22:37 h: standby on
 Helio - Stop
 Berg fest



Date	UTC	Latitude °S	Longitude W	depth PS	depth HS	range	mode	speed	course
12.3.06	00:30								
"	01:05	74°31.409	109°32.508	666	678	2000	PAR	5.7	116
"	01:30	74°28.220	109°24.598	663	656	"	"	10.3	40
"	02:00	74°24.020	109°13.652	844	805	1000	"	10.4	35
"	2:30	74°19.936'	109° 2.579'	725	727	"	"	9.9	38
"	3:00?	74°15.773'	108° 51.819'	721	731	"	"	9.2	20
"	3:30	74°12.274	108° 43.625	389	386	"	"	8.3	30
"	4:00	74°08.72	108° 36.06'	429	424	"	"	7.5	30
"	4:30	74°05.39	108° 25.83'	424	483	"	"	9.8	61
"	5:00	74°04.00	108° 09.14'	392	397	"	"	10.1	40
"	5:30	74°03.771	107° 52.509	693	695	"	"	9.7	95
"	6:00	74°03.833	107° 35.527	422	424	"	"	8.8	99
"	6:30	74°04.59'	107° 21.61	500	507	"	"	9.4	141
"	7:00	74°04.42'	107° 12.24	515	516	"	"	8.9	156
"	7:30	74°04.04'	107° 09.82	672	2158	"	"	2.9	9
12.3.06	8:03	74° 3.858'	107° 10.458'	667	665	"	"	9.4	39
"	8:30	74° 3.313'	107° 11.259'	566	566	"	"	5.0	37
"	9:00	74° 3.307'	107° 8.774'	480	487	"	"	2.4	117
"	9:30	74° 3.402'	107° 7.885'	470	486	"	"	3.9	127
"	10:00	74° 3.460'	107° 7.571'	493	495	"	"	0.2	319
"	10:30	74° 3.494'	107° 7.272'	497		"	"	0.2	306
"	11:00	74° 3.831'	107° 5.620'	531	461	"	"	0.4	332
"	11:31	74° 3.714'	107° 2.673'	593	589	"	"	11.4	34.3
"	12:00	74° 6.208'	106° 55.483'	545	546	"	"	9.5	173
"	12:30	74° 9.877'	106° 53.734'	895	907	"	"	4.6	148
"	13:00	74° 12.326'	106° 47.645'	1055	1102	"	"	1.8	144
"	13:30	74° 14.416'	106° 40.628'	1193	1193	"	"	6.3	116
"	14:00	74° 16.472'	106° 30.286'	796	803	"	"	6.6	160
"	14:30	74° 19.275'	106° 26.770	953	960	1000	PAR	7.7	167
"	15:00	74° 23.705	106° 23.991	862	873	"	"	8.3	153
"	15:30	74° 28.399	106° 19.222	871	870	"	"	10.4	172
"	16:00	74° 33.024	106° 17.766	280	273	"	"	7.8	192
"	16:30	74° 34.143'	106° 25.551'	577	566	"	"	5.1	242
"	17:00	74° 35.28	106 29 74	1044	1044	"	"	0.2	24
"	17:30	74° 35.37	106 29 85	1043	1044	"	"	0.0	212
"	18:01	74° 37.64	106° 33.14	1181	1200	"	"	6.6	198
"	18:30	74° 40.531	106° 31.772	1202	1212	"	"	8.0	167
"	19:00	74° 44.246	106° 28.982	955	963	"	"	6.5	151



watch
Andreas

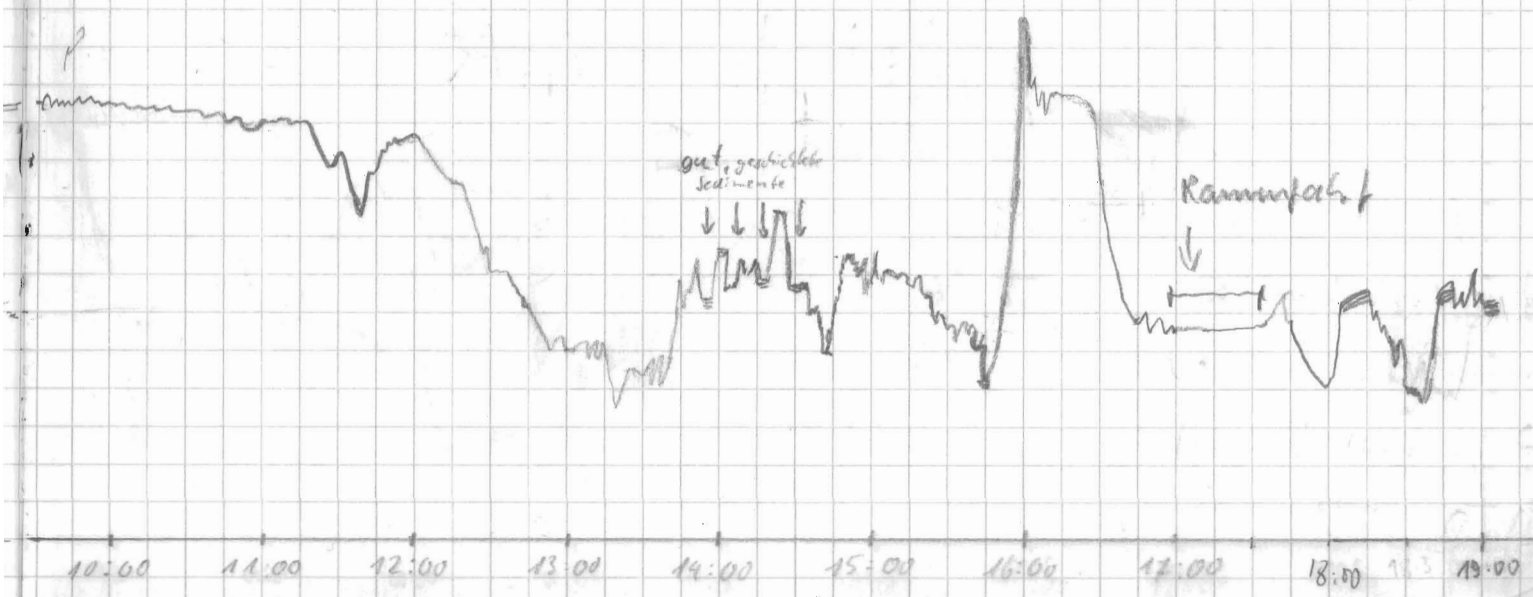
01:03h : switched on
01:15h : Sedimente! Ca. 20 m Eindringtiefe! Ideale Kernposition, aber keine Station, weil sonst Prügel von der Arbeitsgruppe! - auch der Fahrleiter hatte andere Pläne, wird lo Tja, so kann's gehen. Lieber noch einmal nach hier zurückkommen!!!! Mathe

Kristin
Gerd
Mathe
Selen
Andreas
Andreas
Gerd
CD
Kristin
Drahic
Drahic
CD
"

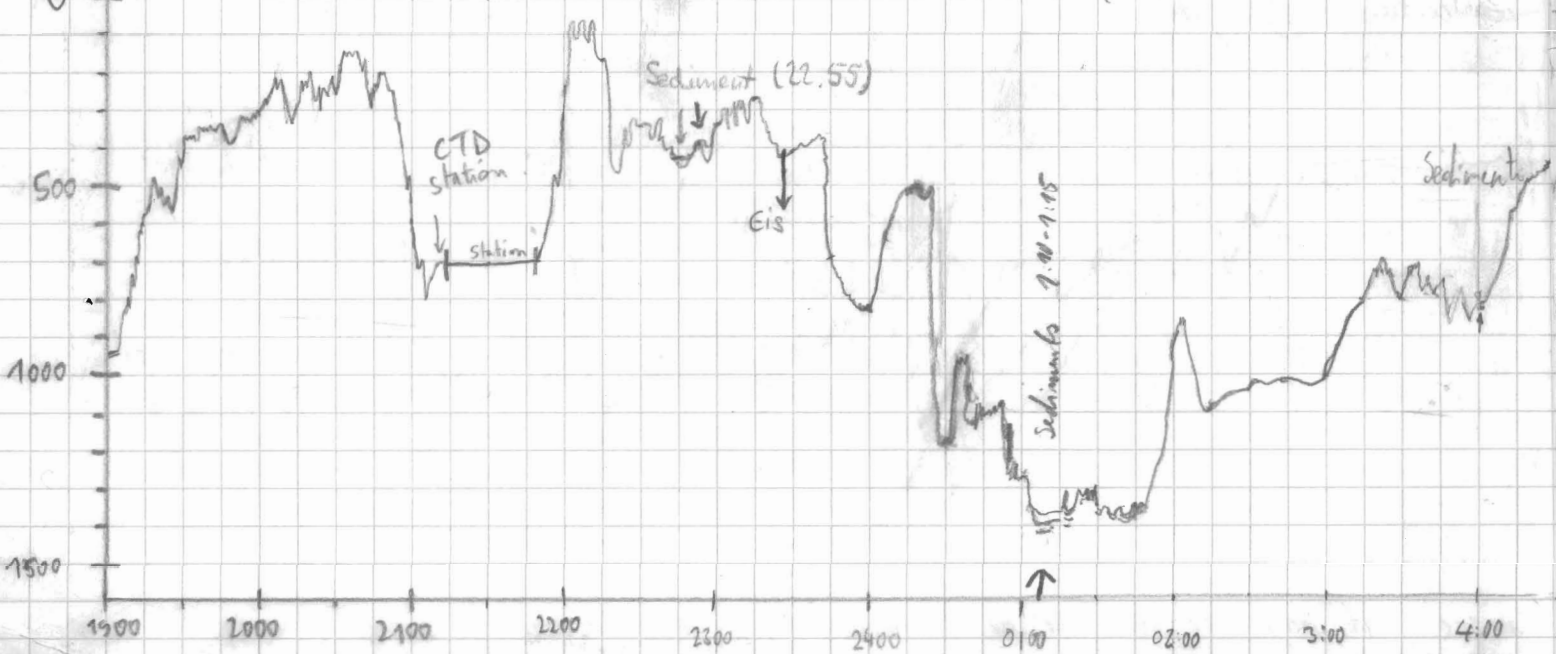
Sediment fassen mit ca. 10 m Sediment 13:33 ; 14:11 ; 13:58
14:29 ; 15:09 ; 15:24 ; 15:27
15:41 ; 15:45

19:02h : pocket of layered sediments, penetration depth ~ 15 m

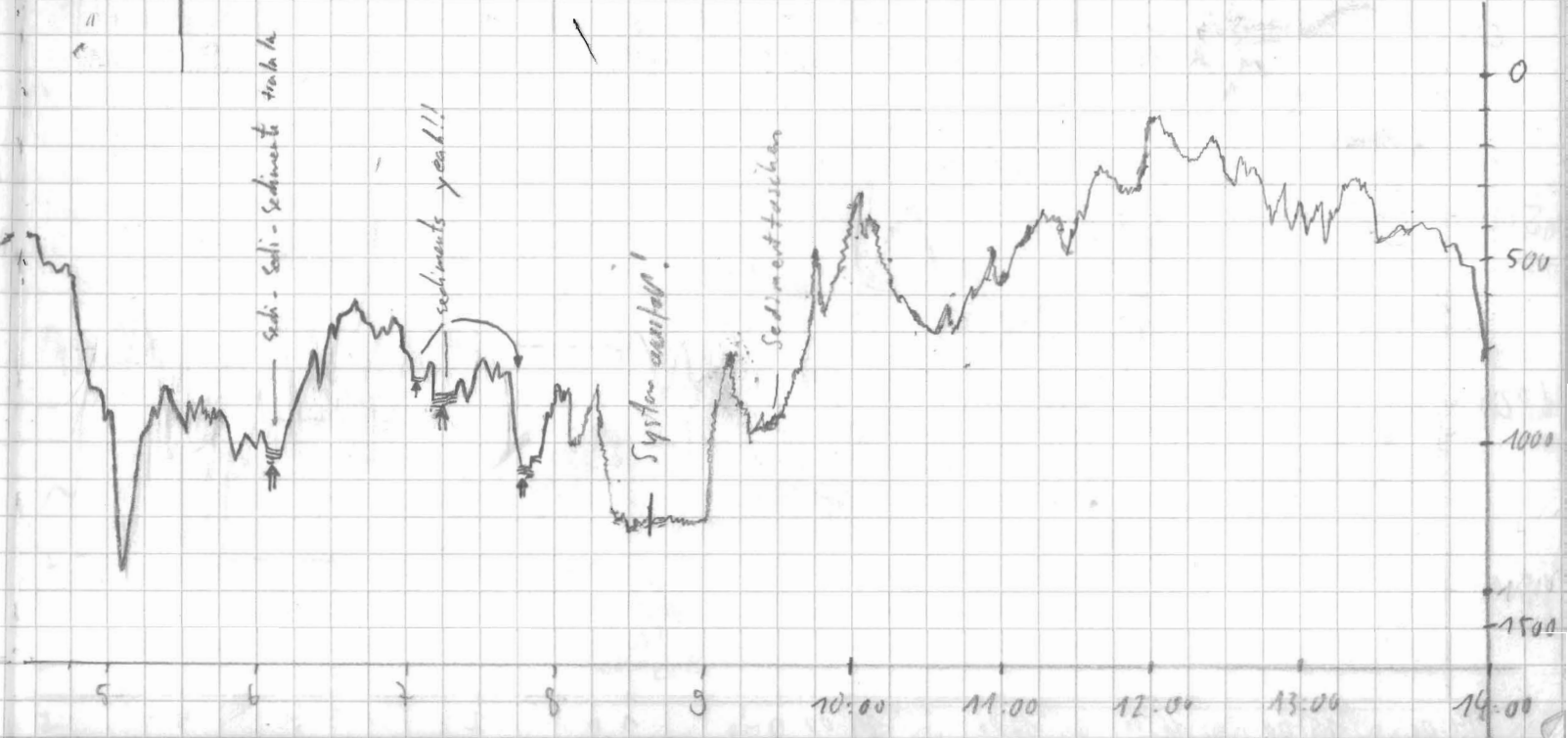
→ ice ramming



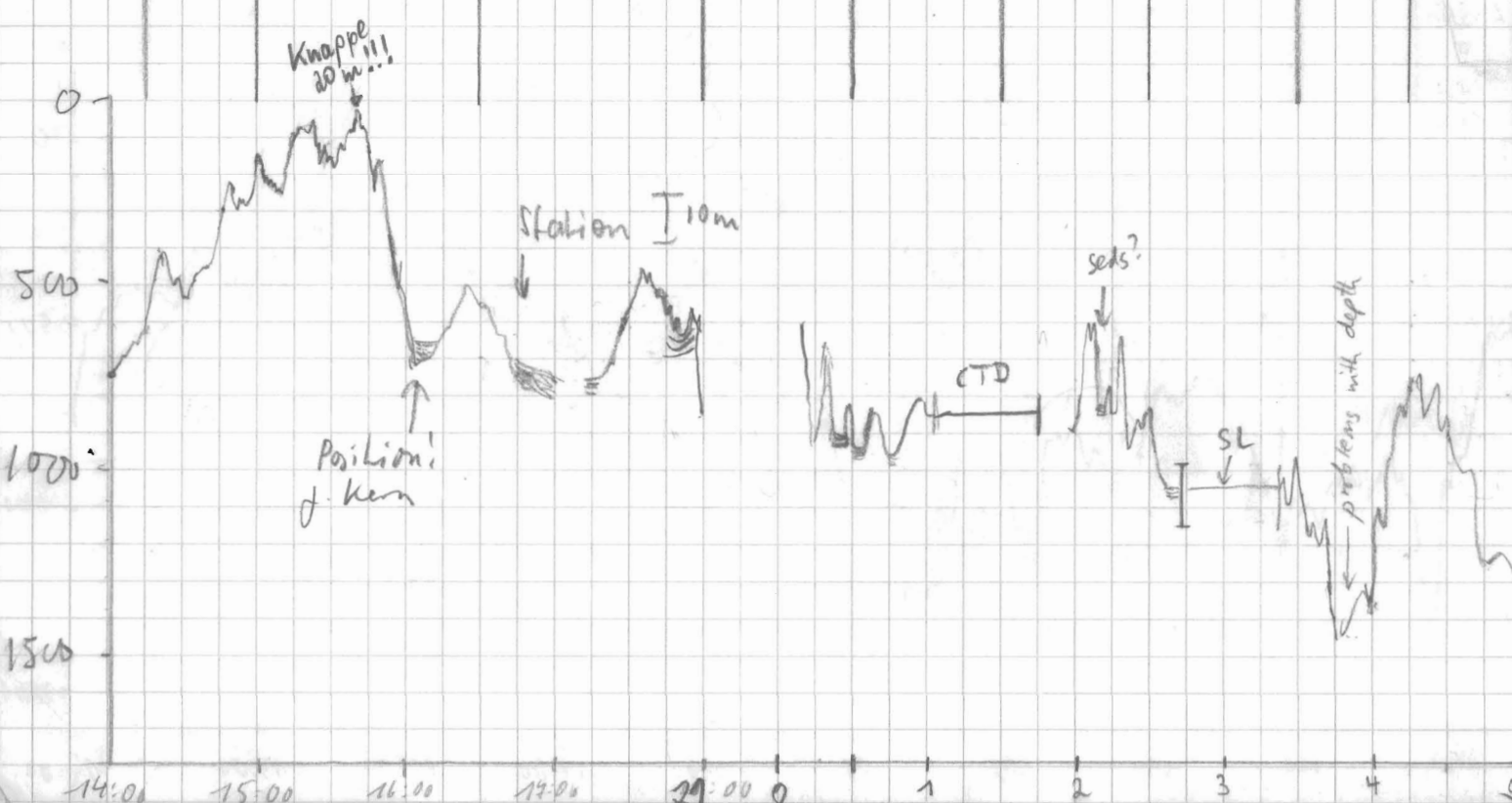
72 date	UTC	Latitude °S	Longitude °W	depth PS	depth HS	range	mode	speed	course
12.03.2006	19:30	74° 47.248	106° 20.621	372	374	1000	PAR	7.6	144
"	20:00	74° 48.628	106° 10.291	338	347	"	"	8.3	67
"	20:30	74° 45.593	105° 58.972	231	233	"	"	11.8	2.2
"	21:00	74° 43.520	106° 2.960	638	637	"	"	10.0	256
"	21:30	74° 42.927	106° 3.832	612	703	"	"	0	100.5
"	22:00	74° 41.743	106° 1.960'	255	265	"	"	9.9	18
"	22:30	74° 38.447	105° 53.655	331	322	"	"	9.2	50.6
"	23:00	74° 37.164	105° 37.509	326	331	"	"	8.8	85.6
"	23:30	74° 36.885	105° 24.353	201	411	"	"	1.4	268.2
"	24:00	74° 33.886	105° 20.391	978	968	"	"	7.3	88
13.03.2006	00:30	74° 35.59	105° 12.68	1154	1158	"	"	7.8	174.6
"	01:00	74° 37.67	105° 11.75	1267	1305	2000	"	7.6	174.9
"	01:30	74° 43.292	105° 10.805	1358	1365	"	"	7.5	170
"	02:00	74° 47.036	105° 6.931	906	910	1000	"	7.4	161
"	02:08	74° 47.92	105° 5.334	1266	1264	2000	"	7.3	144
"	02:30	74° 50.10	104° 59.666	1147	1161	"	"	1.3	81
"	03:00	74° 50.81	104° 54.652	988,9	993	1000	"	3.5	124
"	03:30	74° 49.782	104° 47.706	738	746	"	"	4.9	46
"	4:00	74° 48.207	104° 46.811	807	816	"	"	4.6	53
"	4:30	74° 46.561	104° 33.317	454	454	"	"	5.1	48
"	5:00	74° 44.988	104° 26.296	567	569	"	"	4.9	48
"	5:30	74° 43.372	104° 19.205	924	936	"	"	5.0	50
"	6:00	74° 41.686	104° 11.638	973	987	"	"	5.1	52
"	6:30	74° 40.009	104° 4.171	683	686	"	"	5.2	48
"	7:00	74° 38.398	103° 57.073	767	760	"	"	4.9	49
"	7:30	74° 36.795	103° 50.868	778	778	"	"	5.2	49
"	8:00	74° 34.986	103° 41.761	818	829	"	"	5.1	47
"	8:30	74° 33.300	103° 34.514	1240	1249	"	"	5.1	46
"	9:00	74° 31.800	103° 27.863	1165	1178	2000	PAR	5.2	49
"	9:30	74° 30.129	103° 20.528	927	934	"	"	5.4	49
"	10:00	74° 27.783	103° 15.530	462	463	"	"	5.3	27
"	10:30	74° 25.488	103° 10.926	661	668	"	"	5.3	29
"	11:00	74° 23.233	103° 6.357	580	581	"	"	5.1	22
"	11:30	74° 21.031	103° 2.024	400	406	"	"	5.0	29
"	12:00	74° 17.031	102° 56.769	126	128	1000	PAR	4.9	32
"	12:30	74° 17.520'	102° 50.849'	287	285	"	"	4.6	85
"	13:00	74° 16.086'	102° 44.230'	372	361	"	"	4.9	47
"	13:30	74° 14.3891	102° 37.4091	381	381	"	"	5.1	47
0	14:00	74° 14.16	102° 30.71	638	643	"	"	9.3	120



watch	comment
CD	
Jo	
"	21:10 CTD station
"	on station
"	21:50 station finished
Silke	
"	
"	Von 23:16 bis 23:30 kein Signal von HS wegen Eis, d.h. auch keine Aufzeichnung von NBS und PAR
Terry	
"	
Gerd	
"	
Christian	Depth range 2000, 2:28 Eindringen des Schiffes -> JELSMIK
"	2:39 Depth range 1000
"	
"	
Mame	=> 4:02: gute Sedimente 74° 46.037 S 104° 40.204 W dünn aber tief
"	
"	
"	5:06 für 20 sec: kein signal mehr -> wieder gut
"	5:55: Depth range 2000 / 5:56 -> 1000
"	=> 6:05 -> 6:11: Youpi!! gute Sedimente
"	=> 7:05: Sedimente
"	=> 7:12: sehr gute Sedimente
Andreas	=> 7:46: sehr gute Sedimente
Andreas	=> 8:40 System ausfall! 8:40 weiche Sedimente (Echogram Systemfehler)
"	=> 9:50 depth range auf 2000! 9:07 depth range auf 1000! 9:19 depth auf 2000!
"	=> Sedimenttaschen: 9:26,
"	
"	=> Sedimenttaschen 10:42, 10:33
"	
"	=> 11:37 depth auf 1000 gesetzt!
Kristin	
"	
"	



date	UTC	Latitude S	Longitude W	depth PS	depth HS	range	mode	speed	course	
13.3.2006	14:30	74° 16.89	102° 37.16	526	542	1000	PAR	9.9	202	
	15:00	74° 18.11	102° 59.26	146	147	"	"	10.3	209	
	15:30	74° 21.81	102° 54.00	140	140	"	"	8.6	207	
	16:00	74° 24.32	102° 57.94	629	631	"	"	10.2	210	
	16:30	74° 25.91	102° 2.01	560	563	"	"	4.8	91	
	17:01	74° 24.93	102° 59.71	770	771	"	"	0.7	157	
	20:25	74° 25.80	103° 2.923	549	551	"	"	9.8	232	
	21:00	74° 29.724	103° 19.088	855	855	"	"	10.3	226	
	14.3.2006	0:25	74° 34.800	103° 36.968	893	899	"	"	10.2	234
		1:00	74° 36.502	103° 52.337	847	849	"	"	1.5	326
1:07		74° 36.414	103° 52.504	834	838	"	PAR	0.9	284	
1:44										
02:00		74° 37.196	103° 57.856	859	838	"	"	10.7	233	
02:30		74° 40.672	104° 10.849	864	867	"	"	6.3	150	
03:00										
03:30		74° 41.008	104° 10.697	963	972	5000	PAR	9.5	263	
04:00		74° 41.072	104° 30.453	1380	1373	2000	"	9.8	271	
04:30		74° 41.02	104° 49.02	930	918	"	"	10.1	263	
05:04		74° 40.59	105° 10.44	1294	1301	2500	"	9.8	259	
07:57		74° 40.77	105° 11.67	1402	1408	2000	"	6.4	95	
08:30		74° 40.12	104° 57.35	1054	1011	"	"	8.4	80	
09:00		74° 39.12	104° 41.60	1050	1064	"	"	9.4	73.7	
09:30		74° 38.07	104° 24.50	1552	1558	"	"	9.3	78.9	
10:00		74° 36.58	104° 0.66	697	706	1000	"	8.8	75.4	
10:30		74° 36.00	103° 51.06	894	895	1000	"	9.4	75	
11:00		74° 34.99	103° 34.86	825	827	1000	"	3.4	75.5	
11:30	74° 35.27	103° 30.41	675	672	"	"	5.0	26.6		
12:00	74° 34.26	103° 38.61	907	895	"	"	5.1	305		
14.3.2006	12:30	74° 32.728	103° 46.208	1389	1395	2000	PAR	5.2	307	
"	13:06	74° 31.185	103° 53.690	1277	1235	"	"	4.8	305	
"	13:30	74° 30.501	103° 0.997	1196	1218	"	"	5.4	324	
"	14:00	74° 28.573	104° 6.493	1144	1152	"	"	5.3	306	
"	14:30	74° 27.045	104° 13.882	753	745	1000	"	4.5	307	
"	15:06	74° 25.542	104° 21.527	857	842	"	"	5.1	305	



watch comments

Christina
Walter
" "
Christina
Andreas
Andreas
Wend
Nick
Wend
CD
André
André
Jo
" "
Jo
" "

Anfang der Komposition
Station PS 67/288
Ende Station

21:03 STATION
23:11 Station

0:27 Sedimente

Station CD
Station Ende
Vorst depth briefly @ 1355; corrected 1400.

2:09 Sedimente
(siehe Kleinabrechnung)

0237 slowed to 2kn. station 0240 (SL)
0320 end of station

Andreas
Andreas
Walter
Terry

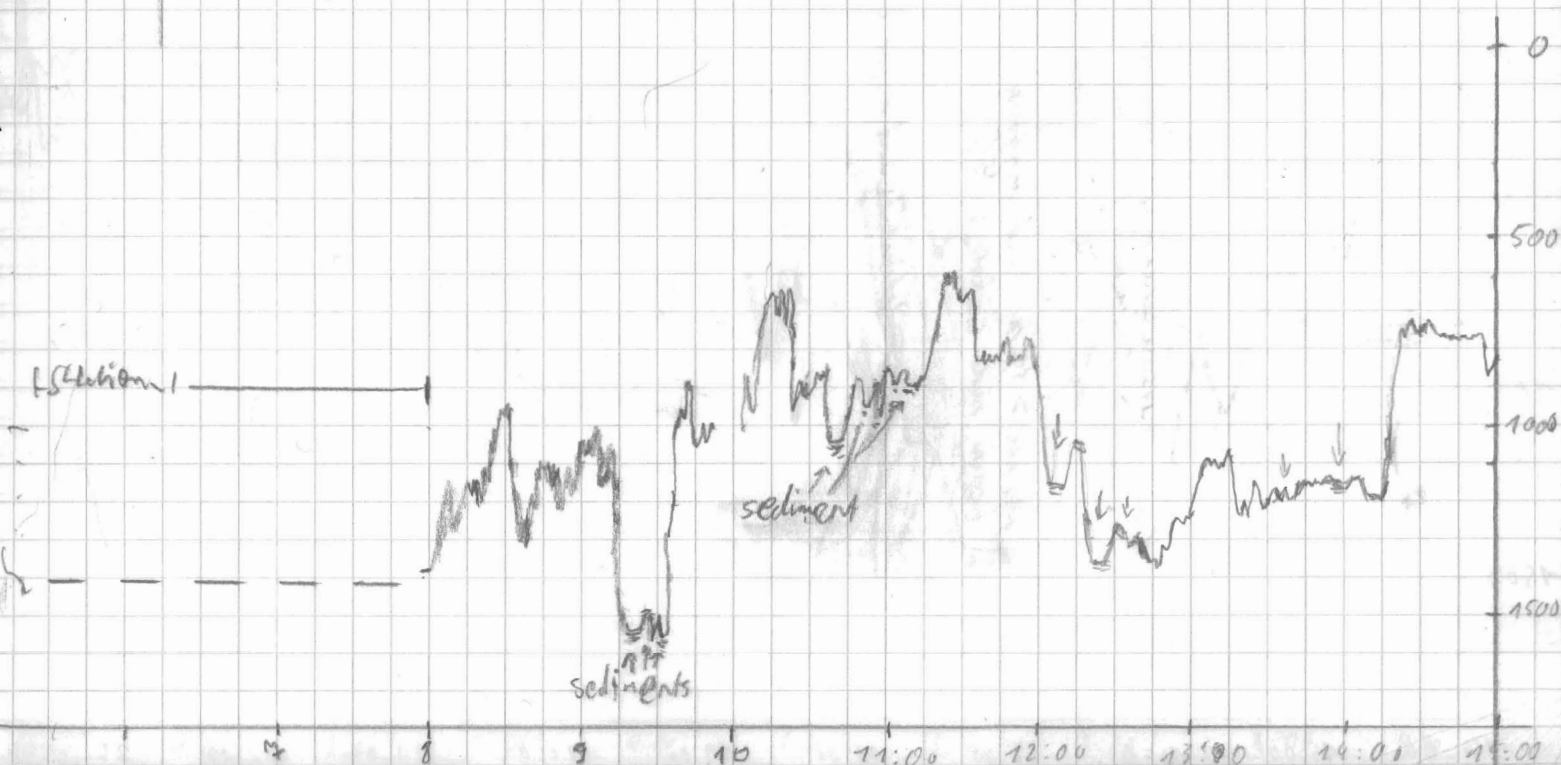
Station Berlin ~ 5.10
ca. Stationsende (ca. 07:57)

Sediment at 09:17
Sediment at 09:31
System crash 09:52.
Reset 10:01 Depth range set 1000m
Sediments 10:40 M: 10, 11:09, 10:51

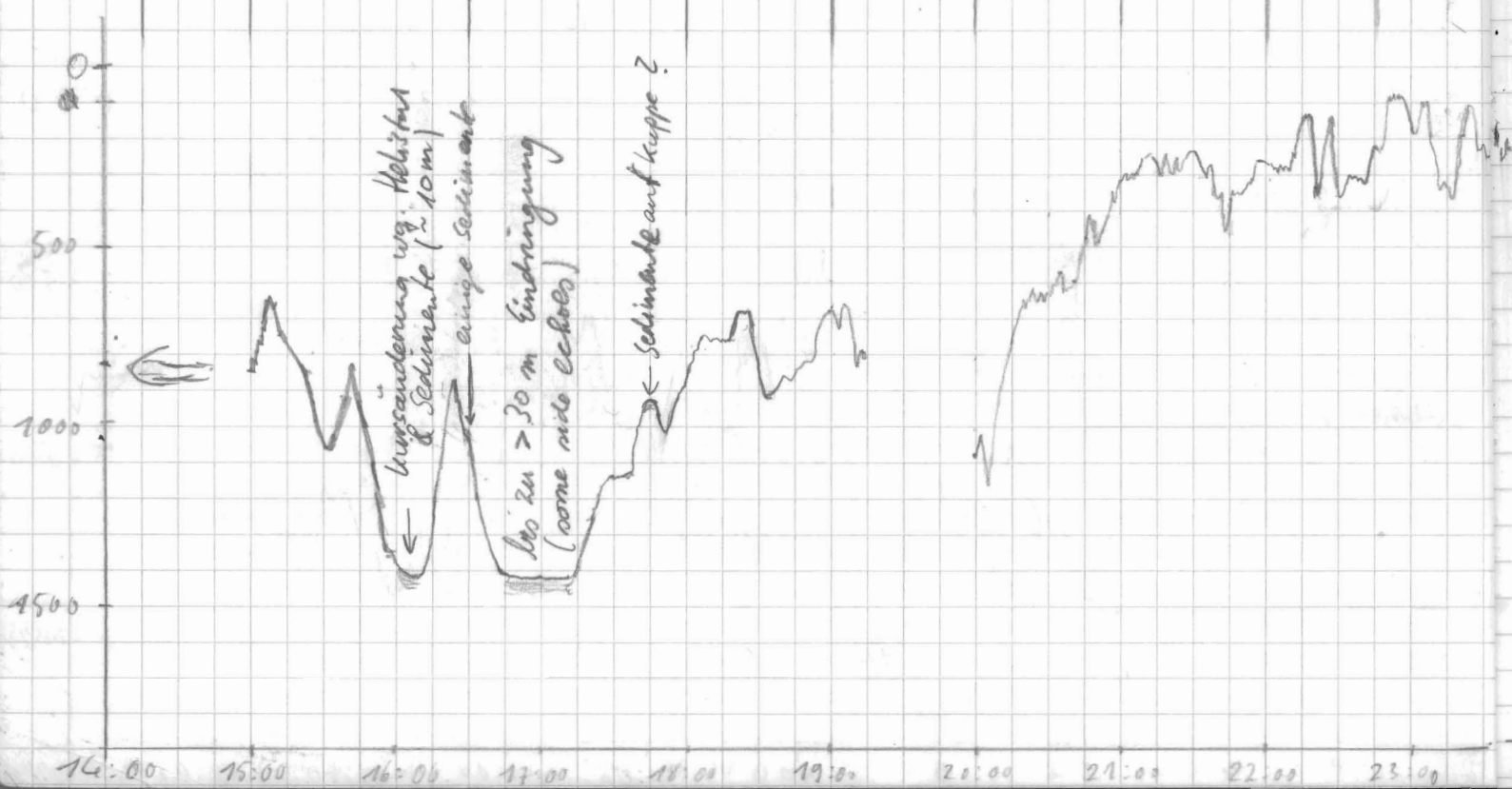
Andreas
" "
" "
" "
" "

Sediments 12:04, 12:25, 12:35 auf dem kamm,
Sedimente 13:25, 13:55

fi. 24 range auf 1000 15:28 auf 2000 gesetzt



date	UTC	Latitude °S	Longitude °V	depth PS	depth MS	Range	mode	speed	Count
14.3.2006	15:30	74° 24.003	104° 28.134	1073	1073	2000	PAR	5.2	280
"	16:00	74° 23.068	104° 34.628	1386	1389	"	"	5.4	331
"	16:31	74° 22.96	104° 41.30	1124	1107	"	"	5.0	329
"	17:02	74° 20.75	104° 46.93	1425	1425	"	"	4.7	327
"	17:30	74° 18.96	104° 52.95	1137	1160	"	"	5.2	308
"	18:00	74° 17.27	104° 59.22	958	981	"	"	5.5	40
"	18:30	74° 15.20	104° 53.34	880	879	1000	"	4.8	38
"	19:00	74° 13.09	104. 47.26	681	679	"	"	5.0	39
"	19:34	74° 10.39	104. 41.02	891	874	"	"	5.5	38.7
"	20:00	74° 9.16	104. 36.01	1072	1075	"	"	5.5	37.9
"	20:30	74° 7.142	104° 30.291	611	624	"	"	5.2	39
"	21:00	74° 5.206	104° 24.747	314	323	"	"	5.0	38
"	21:30	74° 3.207	104° 19.052	225	225	"	"	5.3	36
"	22:00	74° 1.030	104° 14.188	264	260	"	"	5.1	19
"	22:30	73° 59.270	104° 8.824	97.4	118.7	"	"	4.4	72
"	23:00	73° 57.653	104° 4.017	171.2	168.0	"	"	5.6	350
"	23:30	73° 55.177	104° 4.135	236	240	"	"	4.7	34
"	00:00	73° 52.925	104° 2.134	163	163	"	"	5.6	10.4
"	00:30	73° 50.642	103° 59.011	388	390	"	"	5.2	10.3
"	01:00	73° 48.222	103° 56.484	449	451	"	"	4.9	22.8
"	01:30	73° 45.950	103° 53.682	410	411	"	"	4.7	8.6
"	2:00	73° 43.643	103° 51.227	906	918	"	"	5.0	26.4
"	2:30	73° 41.320	103° 48.495	843	849	"	"	4.7	15.5
"	3:00	73° 38.916	103° 45.727	350	356	"	"	5.0	16.8
"	3:30	73° 36.550	103° 43.001	402	399	"	"	5.0	16.4
"	4:00	73° 34.236	103° 40.315	257	258	"	"	5.2	15.4
"	4:30	73° 31.831	103° 37.682	373	373	"	"	5.0	18.9
"	5:00	73° 29.355	103° 34.863	559	582	"	"	5.3	16.8
"	5:30	73° 26.788	103° 32.024	563	564	"	"	5.1	15.8
"	6:00	73° 24.506	103° 30.633	620	619	"	"	4.9	34.3
"	6:30	73° 22.146	103° 33.528	876	878	"	"	4.7	34.0
"	7:00	73° 19.729	103° 36.415	866	852	"	"	5.1	37.9
"	7:30	73° 17.349	103° 39.269	810	798	"	"	4.9	34.3
"	8:00	73° 14.984	103° 42.111	732	732	"	"	4.9	34.0



Comment

Wacht
 Andreas 15:39 depth range auf 1000 geschaltet
 " 15:52 depth range auf 2000 und Maximum depth auf 3000 m
 Mate
 "
 "
 "
 "
 "
 Christian
 Christian
 Kristin
 Martin
 "
 "

Christina
 Christina
 "
 "

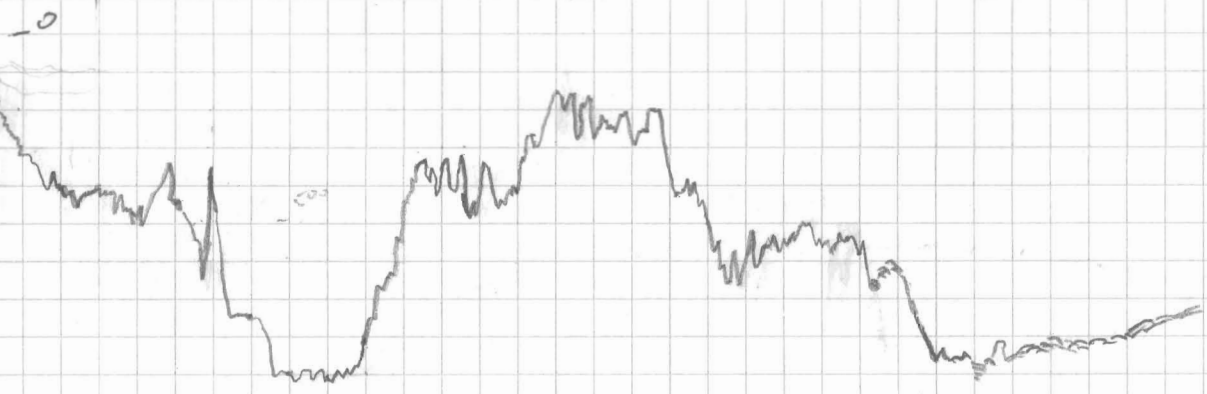
Stela

"
 "
 "
 "

Verd

"
 "
 "
 "
 "
 "
 "

06:31 h: stratified sediments, penetration depth ~ 10 m
 06:44 h: sediments, " " ~ 5 m



00:00 1:00 2:00 3:00 4:00 5:00 6:00 7:00 8:00 9:00

78 date	UTC	Latitude (S)	Longitude (W)	depth PS	depth HS	range	mode	speed	course
15/03/06	8:30	73° 12.708'	103° 44.927'	676	674	1000	PAR	4,9	341
"	9:00	73° 10.486'	103° 47.653'	660	664	"	"	4,6	339
"	9:30	73° 8.017'	103° 49.423'	632	634	"	"	5,2	350
"	10:00	73° 5.538'	103° 52.210'	604	607	"	"	5,6	338
"	10:30	73° 3.149'	103° 56.188'	592	595	"	"	5,1	341
"	10:56	73° 1.104'	103° 57.313'	569	571	"	"	4,6	21
"	11:30	73° 0.724'	103° 53.263'	541	540	"	"	9,7	275
"	12:00	72° 59.968'	103° 59.697'	545	-	5000	"	0.5	11.0
"	12:30	73° 0.146'	104° 0.027'	543	-	"	"	0.3	153
"	13:00	73° 0.484'	103° 59.408'	547	-	1000	"	6.3	223
"	13:30	73° 1.649'	103° 54.153'	561	-	"	"	9.6	161
"	14:00	73° 6.073	103° 48.504	605.4	-	"	"	10.3	159.4
"	14:30	73° 11.005	103° 42.246	717.4	-	"	"	10.5	160.8
"	15:00	73° 15.918	103° 35.966	834.3	-	"	"	10.6	159.0
"	15:30	73° 20.838	103° 29.637	939.3	-	"	"	10.2	159.4
"	16:00	73° 25.58	103 23.53	631	-	"	"	9.8	160.7
"	16:30	73° 30.41	103° 09.30	515	-	"	"	70.2	160.5
"	17:00	73° 35.14	103° 19.79	494	-	"	"	10.9	198.7
"	17:30	73° 40.16	103° 18.35	200	-	"	"	10.6	180.2
"	18:00	73° 45.26	103° 18.86	564	-	"	"	10.0	178.6
"	18:30	73° 50.373	103° 18.673	231	-	500	"	10,5	181
"	18:00	73° 55.104	103° 12.511	514	-	1000	"	10,5	151
"	19:30	73° 59.392	103° 3.369	608	-	"	"	9,7	138
"	20:00	74° 3.534	102° 54.774	489	-	"	"	9.3	177
"	20:30	74° 7.655	102° 59.435	31	30	100	PAR	0.4	182
"	21:00	74° 9.055	102° 57.948	107	107	1000	"	6.7	172
"	21:30	74° 11.858	103° 2.977	173	172	"	"	9.8	193
"	22:00	74° 16.756	103° 6.999	403	405	"	"	10.2	191
"	22:30	74° 21.365	103° 3.267	397	389	"	"	10.4	156
"	23:00	74° 25.673	103° 6.722	613	615	"	"	10.0	261
"	24:00	74° 27.61	103° 44.96	862	858	"	"	10.9	258
16.03.06	00:30	74° 28.49	104° 04.83	1201	1207	2000	"	10.2	270
"	00:38	74° 28.77	104° 5.91	1150	1152	1000	"	0.3	207
"	01:16	74° 28.64	104° 6.53	1140	1148	"	"	5,3	74
"	1:30	74° 28.04	104° 9.72	1200	1201	2000	"	9,6	308
"	2:30	74° 22.13	104° 25.11	1302	1309	"	"	10.3	305



watch comments

Kristin

"

"

"

"

"

Jo 11:48 depth range auf 5000 → PS 69/294-1 (CTD)

" on station

" 1258 depth range to 1000m → end of station ; HS depth not registering

" Silke Depth (HS) ausgefallen

"

"

Terry

"

"

"

"

Mama

"

"

"

Andreas

"

20:30 Kurswechsel wegen Flachwasser 20:30 bis 20:38 depth 100

"

Christina

"

"

Mike

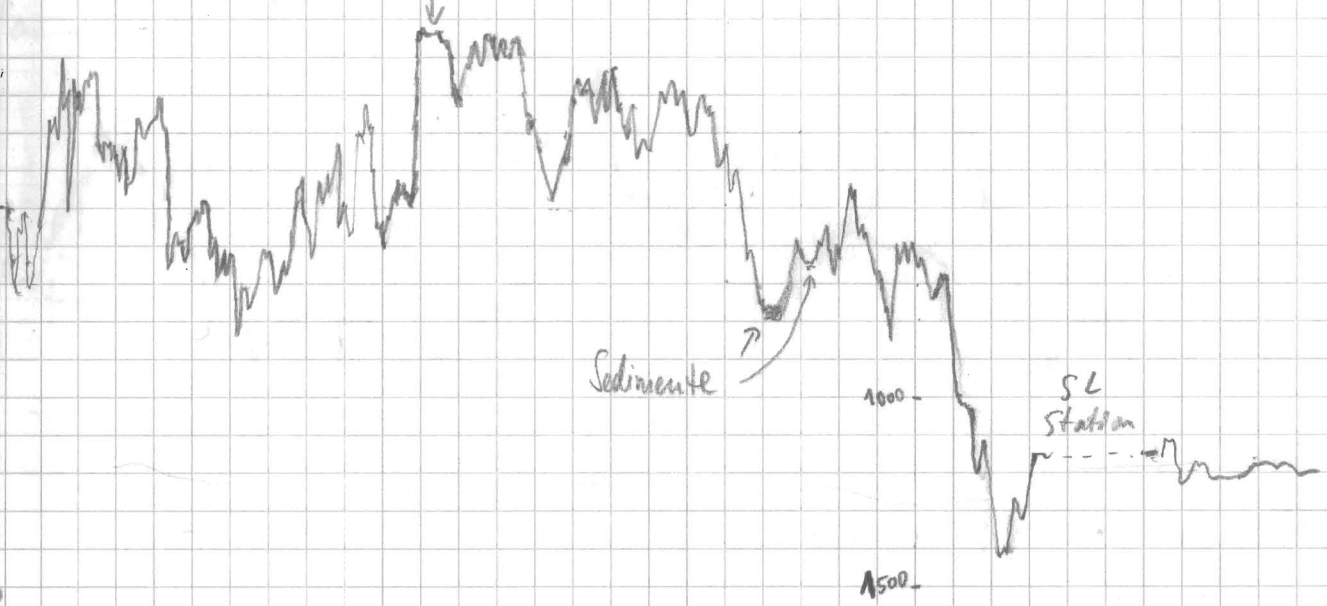
"

Gerd auf Station PS 69/295-1 SL (00:32 - 1:15 Station)
" Ende Station

"

Christa

Kurswechsel



18

19

20

21

22

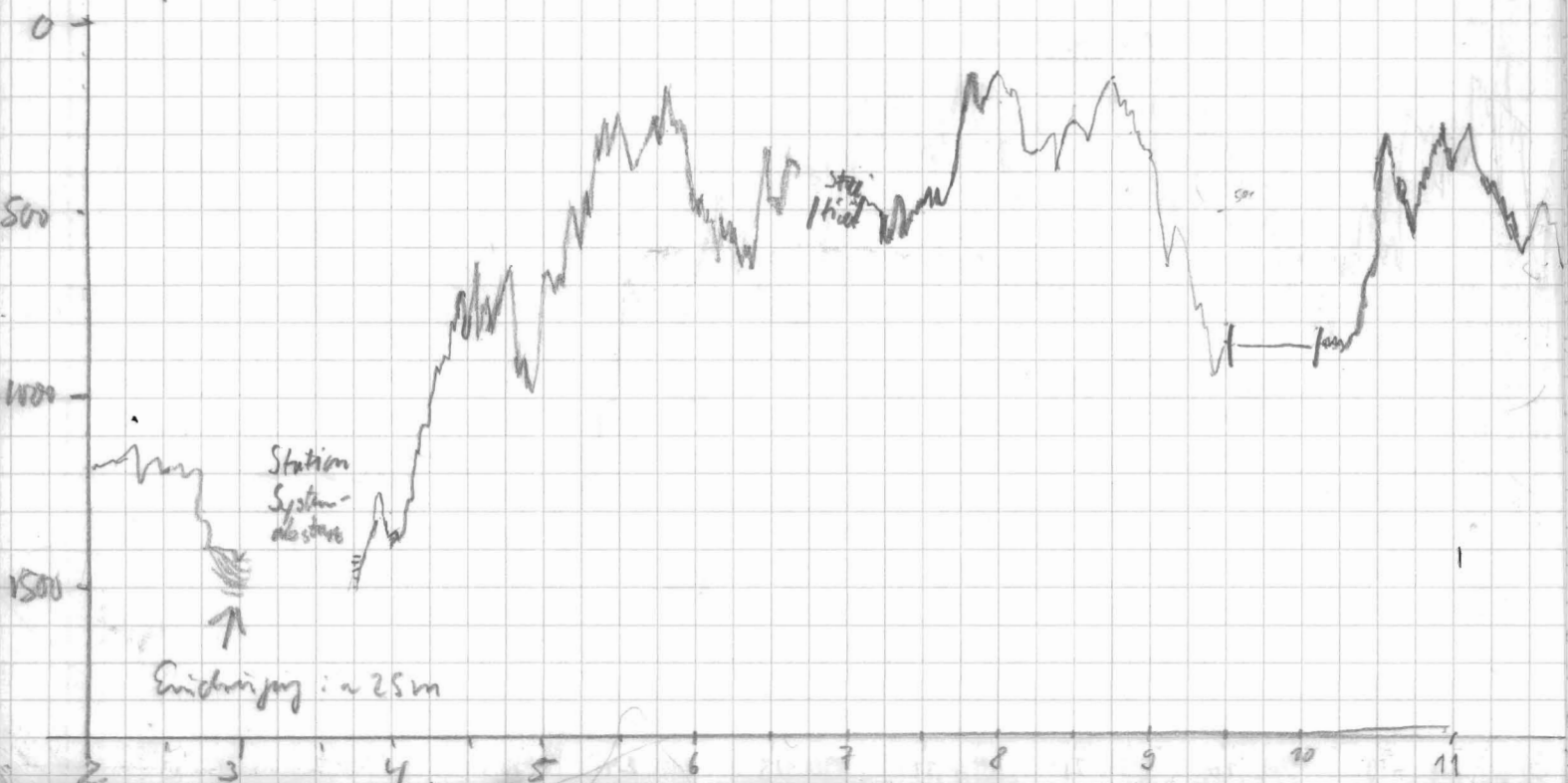
23

24

2

3

Date	UTC	Lat °S	Long °W	PS	HS	Range	Wave	Speed	Wave
16.02.06	2:00	74° 21.41	104° 44.93	1422	1432	2000	PAR	0.2	289
"	3:49	74° 21.37	104° 45.16	1427	1434	"	"	3.7	85
"	4:00	74° 20.47	104° 40.81	1366	1382	"	"	9.1	53
"	4:30	74° 17.42	104° 28.17	794	800	"	"	9.5	43
"	5:00	74° 14.194	104° 15.750	665	670	"	"	9.3	48
"	5:30	74° 11.024	104° 5.273	340	328	"	"	9.4	47
"	6:00	74° 7.714	103° 50.598	514	516	"	"	9.8	45
"	6:30	74° 4.872	103° 39.855	480	482	1000	"	4.4	338
"	7:13	74° 3.96	103° 40.78	595	591	"	"	8.7	357
"	7:32	74° 1.349	103° 41.58	485	485	"	"	8.6	353
"	8:00	73° 51.369	103° 43.305	128	127	"	"	8.2	354
"	8:20	73° 53.246	103° 45.240	198	195	"	"	9.3	345
"	9:00	73° 48.485	103° 47.145	375	366	"	"	10.1	355
"	9:30	73° 43.521	103° 49.222	828	879	"	"	10.2	357
"	10:10	73° 42.276	103° 49.717	907	908	"	"	4.7	43
"	10:30	73° 39.332	103° 48.028	350	351	"	"	9.9	8
"	11:00	73° 34.630	103° 45.359	368	364	"	"	9.9	10
"	11:30	73° 29.645	103° 42.546	617	620	"	"	10.5	8.2
16.3.06	12:00	73° 26.714	103° 39.832	661	666	1000	PAR	6.1	180
"	12:30	"	"	"	"	"	"	0.4	-
"	13:00	73° 22.755	103° 40.162	825	827	"	"	10.1	359
"	13:30	73° 17.743	103° 40.488	793	796	"	"	9.8	354
"	13:45	73° 16.208	103° 40.703	767	763	"	"	0.5	156
"	14:14	73° 16.327	103° 40.638	768	769	"	"	4.6	50
"	14:30	73° 15.237	103° 33.57	831	228	"	"	9.9	63.5
"	15:00	73° 11.13	103° 30.22	743	744	"	"	9.9	332.0
"	15:30	73° 06.676	103° 47.561	608	610	"	"	10.4	331
"	16:00	73° 2.889	103° 54.626	578	580	"	"	2.8	283
"	16:30	73° 2.098	103° 55.244	572	574	"	"	4.6	110
"	17:00	73° 1.420	103° 48.615	558	557	"	"	4.9	17.7
"	17:30	72° 59.089	103° 50.352	530	532	"	"	5.1	6.2
"	18:00	72° 57.148	103° 44.982	650	652	"	"	5.1	50.3
"	18:30	72° 54.872	103° 42.862	742	742	"	"	4.9	359.4
"	19:00	72° 52.462	103° 42.835	646	646	"	"	4.9	0.4
"	19:30	72° 49.917	103° 42.865	331	331	"	"	5.1	359.9
"	20:00	72° 47.455	103° 44.148	400	400	"	"	5.1	342.0



Grab

Comment

Christine
Gerd
"
"
Martin
"

Beginn Station PS 69/296-1 SL (15m)
Systemabsturz Parastrom 13:40 P1 Tr 5,5 Ende Station

Gerd
Silla
"
"

6:25 GKG-Station ab 6:27 R_{ref} = 1000
7:08 Stationsende PS 69/297

Gerd
"
"

9:35 Beginn Station PS 69/298 SL
10:10 Ende Station

Steph
Andreas

Station G46 12:11 - 12:36 range auf 5000m PS 69/299

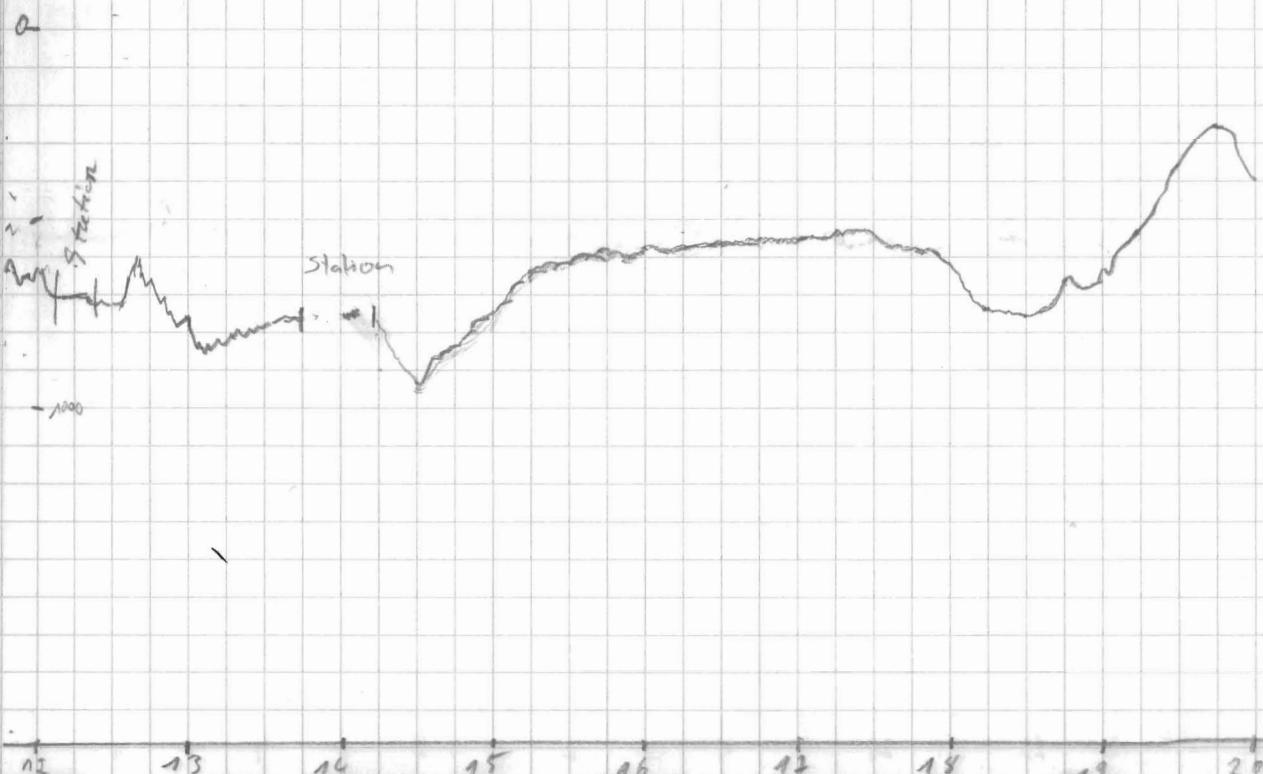
Gerd
Gerd

Beginn Station SL PS 69/300
Ende Station

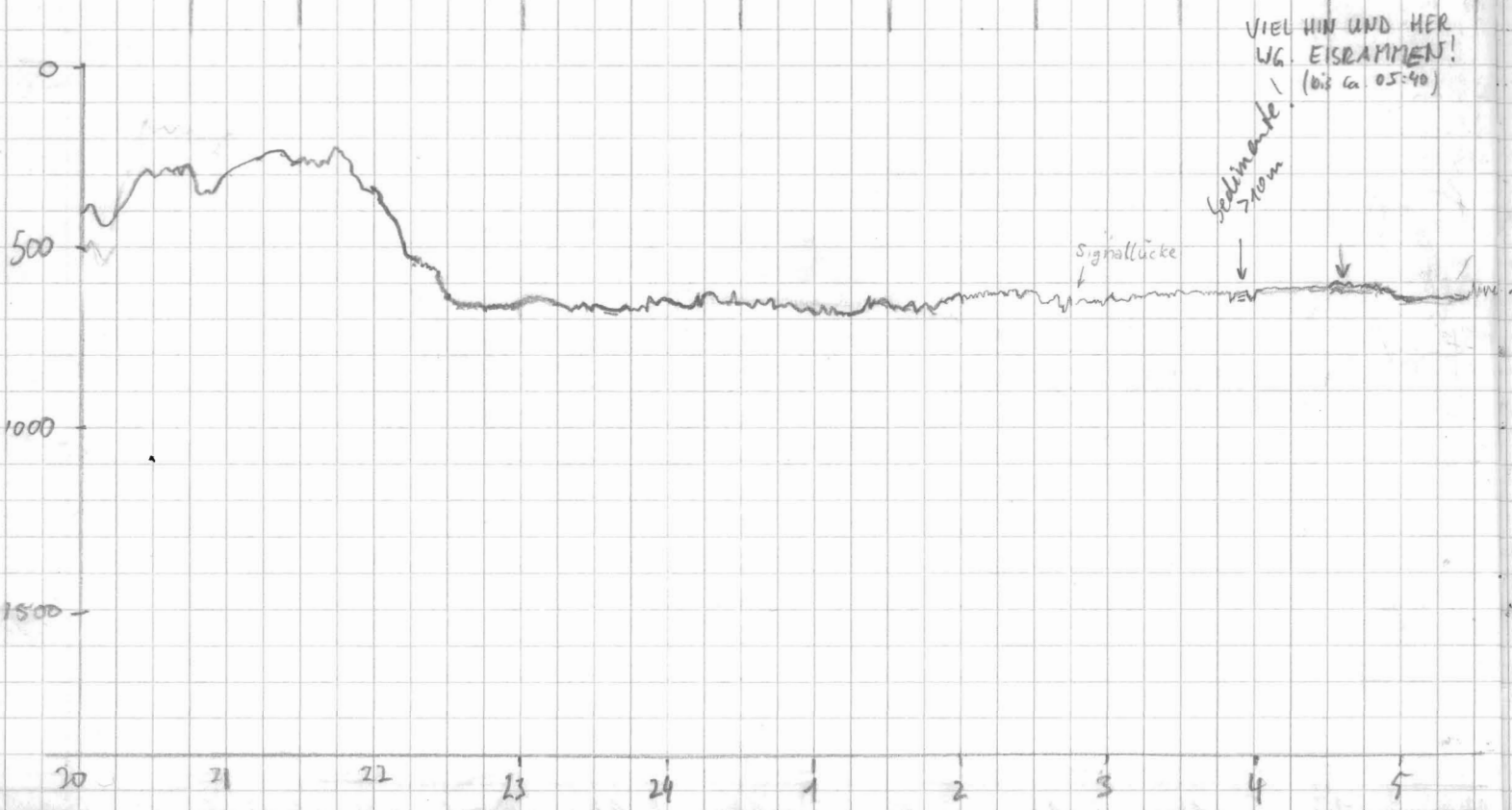
Janna

12:00 h Aussetzen d. Streamers
1615 slowed to 2kn for streamer; then back to 5kn.

CD
Jo
"
"
"
Sille



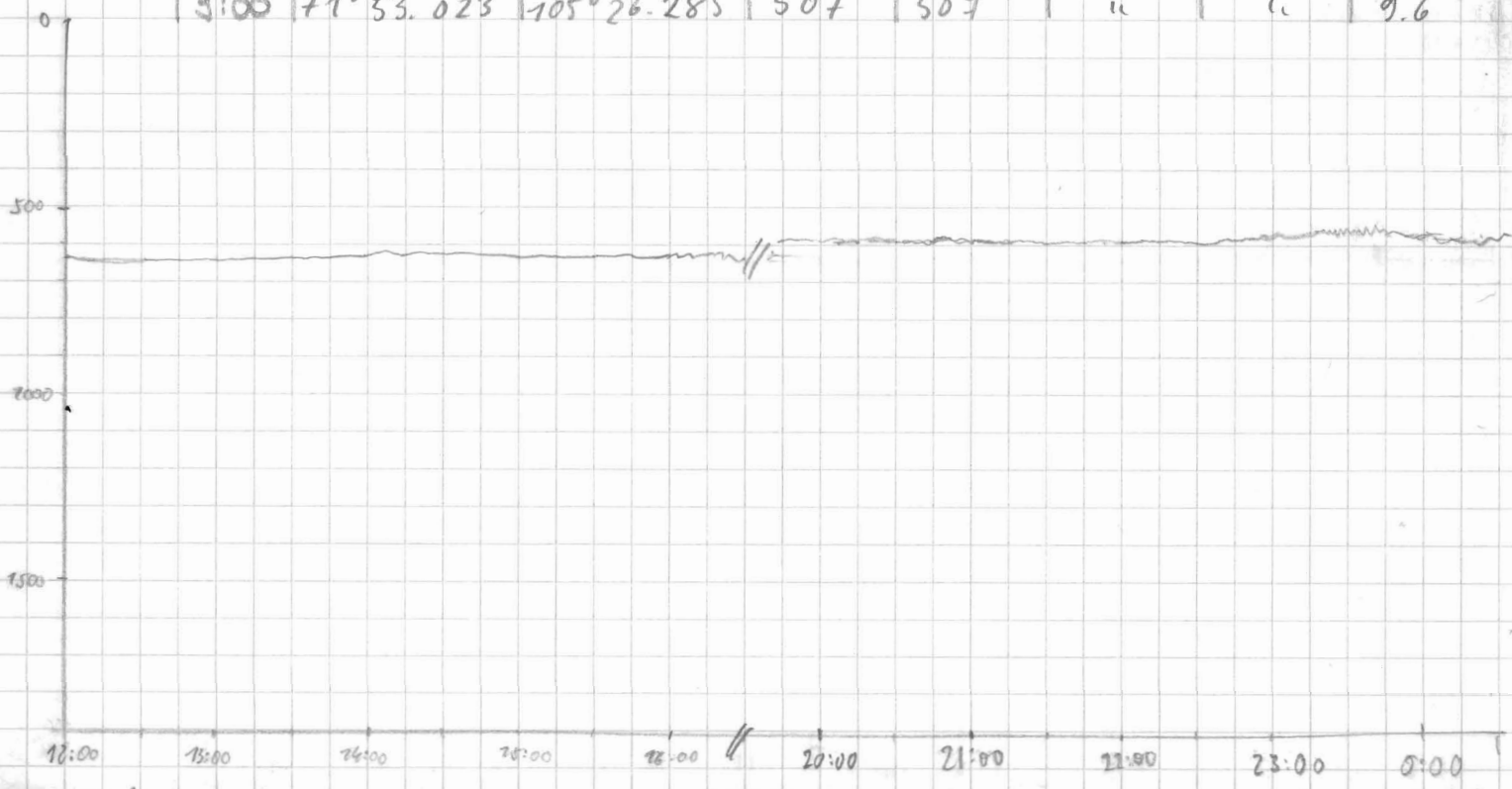
82	date	UTC	Lat. S	Long W	depth PS	depth HS	depth range	pulse mode	speed
	16.3.06	20:30	72° 45.07'	103° 46.84'	277	278	1000	PAR	5.2
	"	21:00	72° 42.32'	103° 47.38'	290	290	"	"	5.3
	"	21:30	72° 39.85'	103° 47.41'	258	260	"	"	5.0
	"	22:00	72° 37.42'	103° 47.64'	334	333	"	"	5.4
	"	22:30	72° 34.937	103° 47.761	619	619	"	"	5.1
	"	23:00	72° 32.489	103° 47.929	637	639	"	"	4.8
	"	23:30	72° 30.103	103° 49.607	670	671	"	"	5.1
	"	24:00	72° 28.737	103° 56.261	643	644	"	"	5.0
	17.3.06	01:30	72° 26.933	104° 1.000	646	651	"	"	5.0
	"	1:00	72° 25.784	103° 58.029	683	684	"	"	2.8
	"	1:30	72° 23.782	104° 2.233	650	653	"	"	3.3
	"	2:00	72° 23.828	104° 6.988	1244	634	"	"	12.1
	"	2:30	72° 24.411	104° 13.297	628	626	"	"	10.5
	"	3:00	72° 22.914	104° 20.449	648	649	"	"	9.2
	"	3:30	72° 22.388	104° 27.538	653	650	"	"	1.5
	"	4:00	72° 20.878	104° 29.304	624	632	"	"	6.6
	"	4:30	72° 20.891	104° 32.86	611	616	"	"	4.4
	"	5:00	72° 19.68	104° 31.19	638	637	"	"	1.3
	"	5:30	72° 19.57	104° 29.45	638	640	"	"	1.5
	"	6:00	72° 18.02	104° 26.35	624	625	"	"	3.1
	"	6:32	72° 17.20	104° 26.76	622	627	"	"	7.1
	"	7:00	72° 16.19	104° 27.47	641	645	"	"	4.1
	"	7:30	72° 15.14	104° 28.62	623	628	"	"	2.7
	"	8:00	72° 14.928	104° 28.959	621	624	"	"	0.0
	"	8:30	72° 14.816	104° 29.043	622	625	"	"	1.1
	"	9:00	72° 14.756	104° 29.057	624	625	"	"	2.3
	"	9:30	72° 14.563	104° 29.312	629	631	"	"	0.0
	"	10:00	72° 14.493	104° 29.327	631	635	"	"	2.9
	"	10:30	72° 14.243	104° 29.314	637	638	"	"	3.1
	"	11:00	72° 14.126	104° 29.326	637	640	"	"	3.8
	"	11:30	72° 13.980	104° 29.342	638	641	"	"	2.5
	"	12:00							



Course	Watch	Comment
341.3	Terry	
1.7	"	
358	"	
359.6	"	Thank you Terry !!!
353.6	Mann	
0.7	"	
312.2	"	
299.1	"	
349.9	"	
60.0	"	112: Signalproblem wegen Eises (PAR und AIBS)
81.7	"	
229.8	"	
295	Kristin	
263	"	
306	"	
291	"	
326	Matze	
68	"	
273	"	
284	"	
27	"	
346	"	
160	"	
328.1	Silke	Schiff steht. => langsame Fahrt => Rammfahrt
314.8	"	8:12 - 8:25 kurzzeitiger Signalverlust.
180.3	"	
337.8	"	
173.1	"	9:55 - 10:00 Schiff steht.
181.8	"	
345.4	"	
177.5	"	

KURZ NACH 6 UHR
SCHON WIEDER RICHTIG
FESTES EIS

84 date	UTC	Lat. S	Long W	depth PS	depth HS	depth range	pulse mode	speed	
17.03.06	13:00	72° 14.008	104° 29.464	664	637	7000	PAR	0.0	
	13:30	72° 14.066	104° 29.791	717	641	"	"	0.1	
	14:00	72° 14.003	104° 30.672	625	628	"	"	1.0	
	14:30	72° 13.984	104° 30.938	625	627	1000	"	0.3	
	15:00	72° 13.851	104° 31.237	640	628	"	"	2.9	
	15:30	72° 13.657	104° 31.122	624	620	"	"	2.6	
	16:00	72° 13.694	104° 31.460	619	619	"	"	0.0	
	16:37	72° 13.708	104° 35.338	617	620	"	"	5.1	
	17:30	72° 13.715	104° 35.546	610	1210	"	"	3.6	
	19:33	72° 13.450	104° 41.585	596	1247	"	"	-	
	20:00	72° 12.534	104° 42.708	598	592	"	"	2.5	
	"	21:00	72° 11.750	104° 43.961	601	592	"	"	6.0
	"	22:00	72° 11.532	104° 44.013	589	592	"	"	2.5
	"	22:30	72° 11.141	104° 44.894	592	594	"	"	2.1
	22:50								
	23:12	72° 10.581	104° 45.339	595	589	"	"	2.4	
	23:30	72° 10.312	104° 45.924	585	584	"	"	1.6	
18.3.06	0:00	72° 9.993	104° 47.966	583	657	"	"	2.3	
	0:30	72° 9.80	104° 48.30	581	583	"	"	1.4	
	1:02	72° 9.11	104° 50.85	528	573	"	"	5.0	
	1:30	72° 8.95	104° 57.85	1218	556	"	"	1.2	
	2:00	72° 8.76	105° 1.90	1223	550	"	"	2.5	
	2:30	72° 8.27	105° 4.37	554	557	"	"	1.6	
	3:00	72° 8.03	105° 8.71	553	555	"	"	4.7	
	3:33	72° 7.77	105° 13.66	537	535	"	"	1.7	
	4:00	72° 7.69	105° 16.45	516	525	"	"	3.5	
	4:30	72° 7.772	105° 19.656	516	507	"	"	6.0	
	5:00	72° 7.648	105° 24.200	512	512	"	"	2.7	
	5:30	72° 7.606	105° 26.749	605	503	"	"	4.7	
	6:00	72° 6.968	105° 29.781	515	488	"	"	5.7	
	6:35	72° 4.598	105° 29.895	507	510	"	"	5.4	
	7:00	72° 2.596	105° 28.278	536	528	"	"	5.5	
	7:30	72° 1.224	105° 24.432	525	523	"	"	0.5	
8:00	71° 58.749	105° 24.698	526	527	"	"	3.9		
8:30	71° 56.425	105° 26.018	513	509	1000	PAR	5.2		
9:00	71° 53.023	105° 26.285	507	507	"	"	9.6		



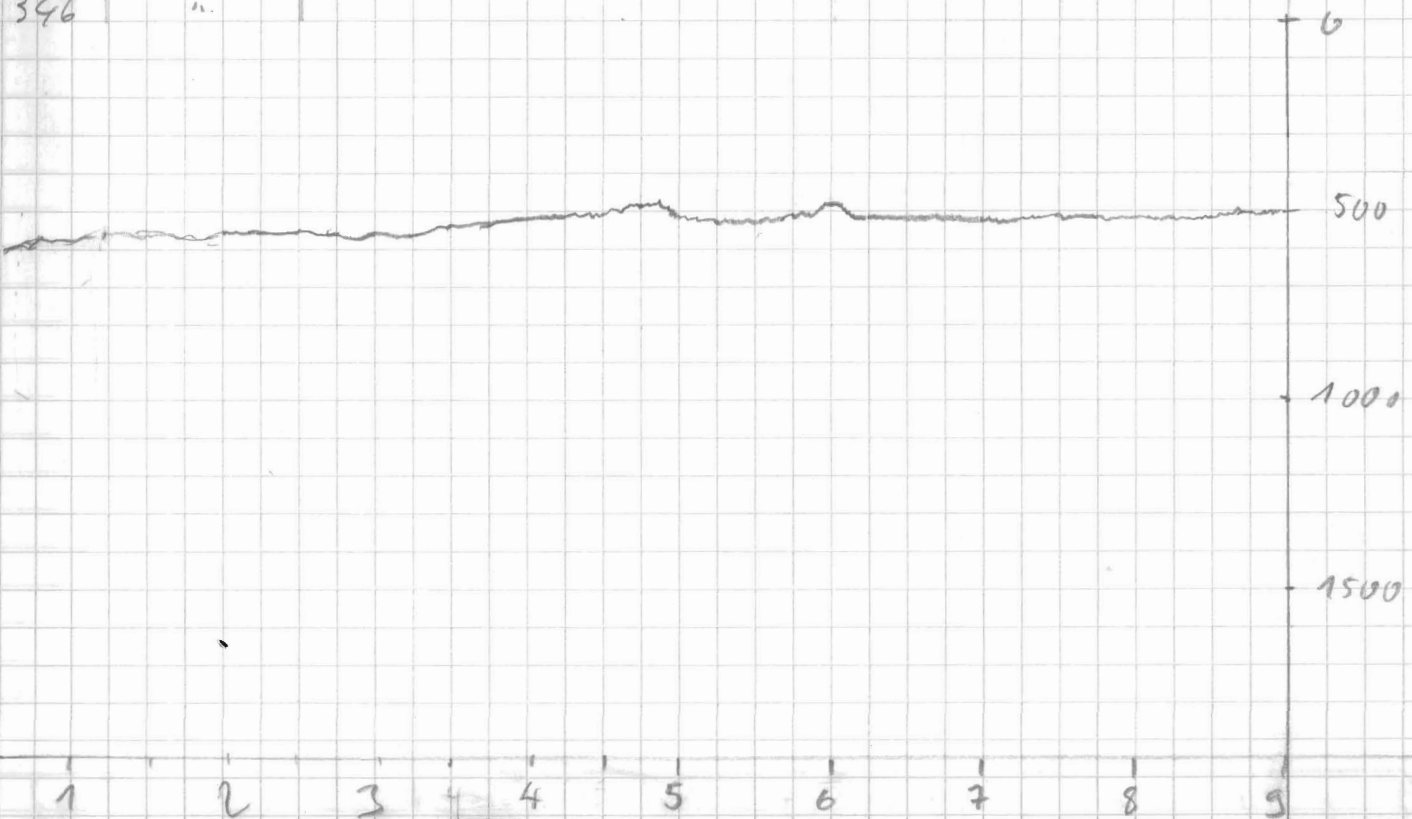
course watch comment

286 Martin
 302 " Eisfahrt
 287 " 13:45 maximum depth and 800
 144 Stefan
 146 "
 241 "
 273 stje
 269 Bernd
 88,1 " Eisfahrt
 " " ED
 6 Bernd
 307 Jo
 140 "
 104 christina

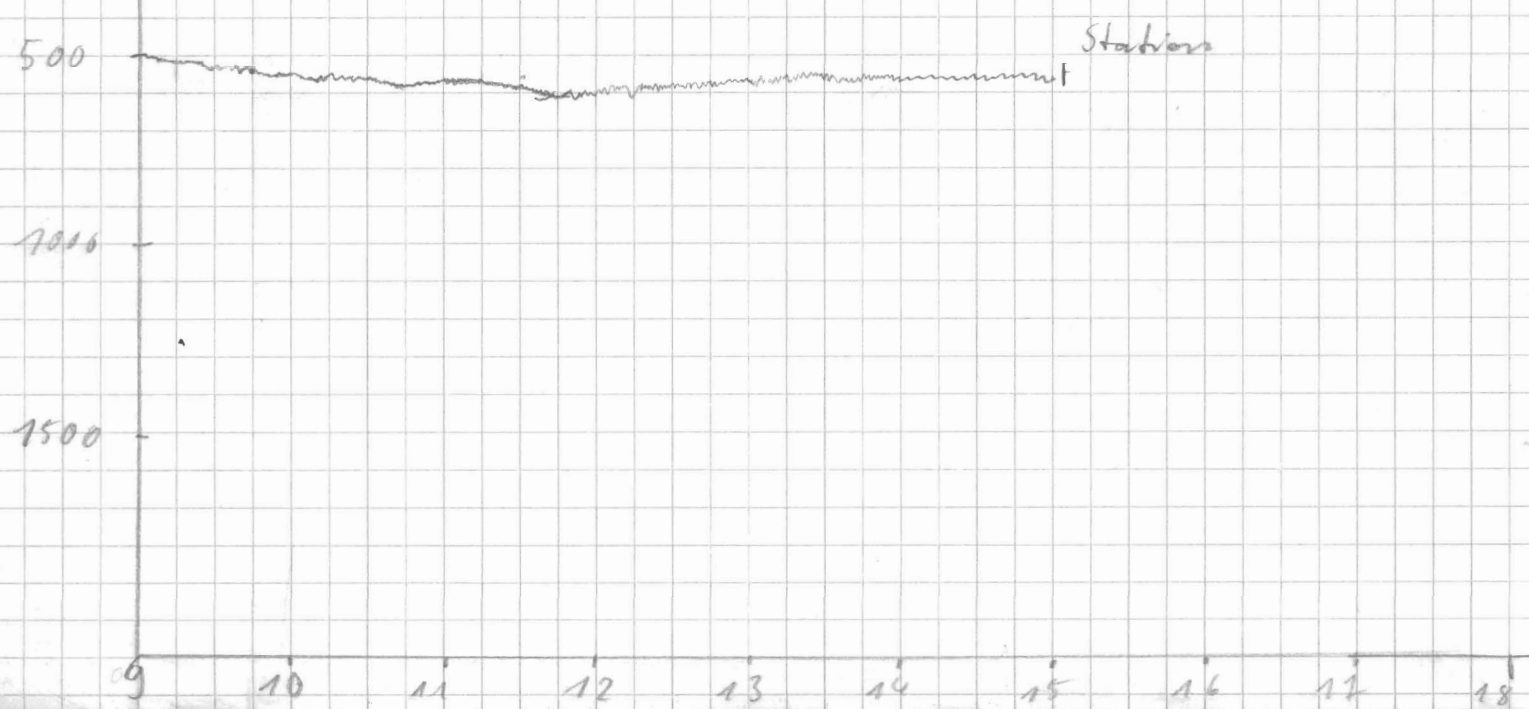
Systemabsturz -> Feldmeldung, ab 23:10 wieder Aufzeichnung

337 "
 300 "
 327 "
 104 ~~Andreas~~ s. Power Rammtastl, PS Tiefe häufig falsch
 262 "
 75,7 "
 132 "
 110 Terry maximum depth set to 1000

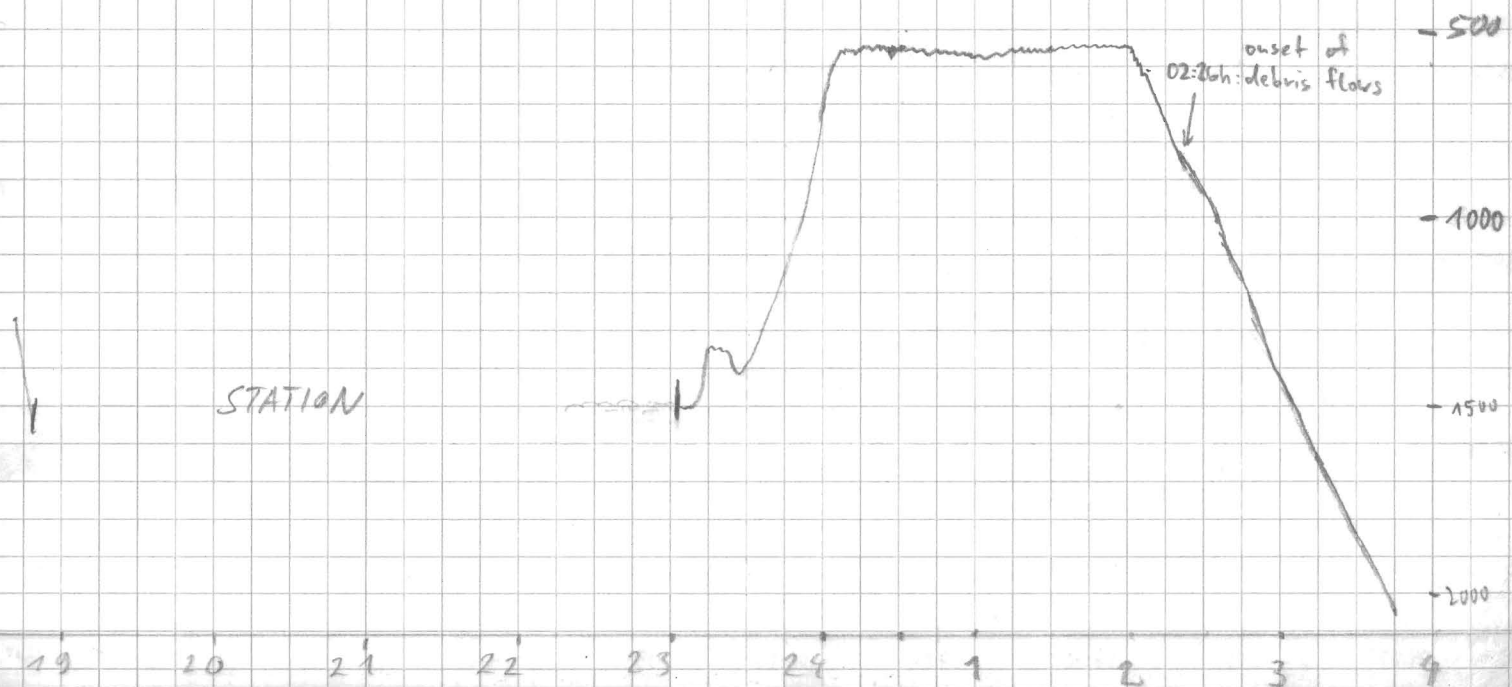
303.6 "
 270 "
 243 "
 287 Mann
 239 "
 318 "
 286 "
 4 "
 37 "
 17 "
 333 "
 354 Andreas
 346 "



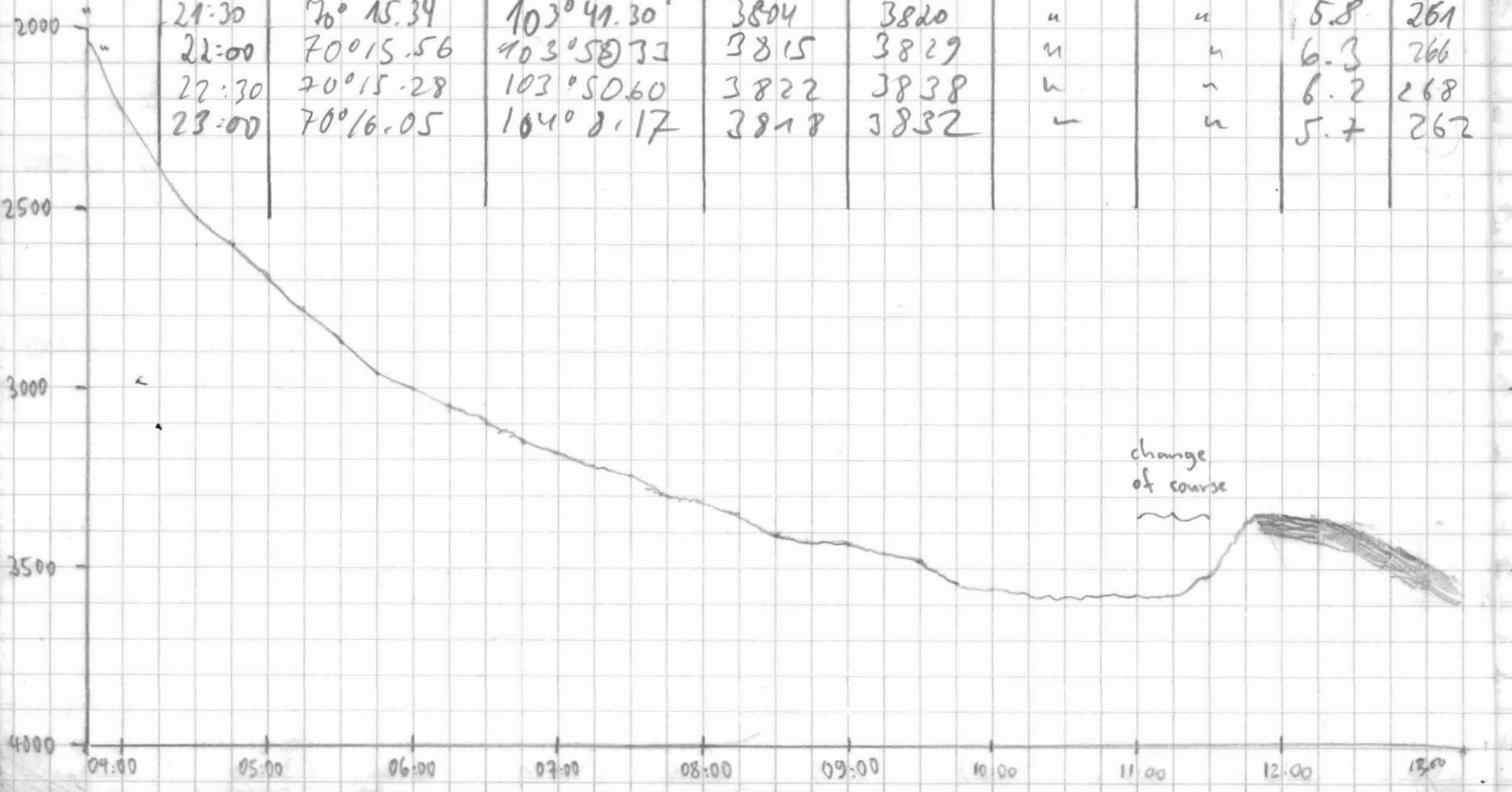
date 86	UTC	Lat S	Long W	depth PS	depth HS	depth Fudge	pulse mode	Speed	con
18.3.06	9:30	071°49.061	105°29.427	538	540	1000	PAR	3.9	12.4
"	10:00	071°45.404	105°29.540	552	554	"	"	8.4	35.2
"	10:30	071°41.521	105°29.128	569	569	"	"	11.4	6.4
"	11:00	71°34.542	105°29.113	577	590	"	"	6.8	5.3
"	11:30	71°34.091	105°28.400	603	609	"	"	6.5	20
"	12:00	71°31.053	105°33.206	599	604	"	"	8.9	337
"	12:30	71°26.615	105°34.572	588	591	"	"	10.3	355
"	13:00	71°22.576	105°37.739	567	578	"	"	9.1	345
"	13:30	71°18.422	105°39.881	557	561	"	"	5.8	356
"	14:00	71°14.624	105°41.266	554	556	"	"	8.0	347
"	14:30	71°10.64	105°40.69	560	580	"	"	7.5	4
"	15:00	71°08.03	105°39.90	565	566	"	"	1.8	350
"	16:07								
"	16:31	71°7.77	105°39.09	559	562	"	"	0.3	160
"	17:40	71°7.890	105°38.62	564	-	"	"	3.6	130
"	18:40	71°1.54	105°37.38	1273	1276	2000	"	7.3	251
"	19:00	71°0.067	105°39.323	1527	1528	"	"	0.2	100
"	19:30	71°0.066	105°40.127	1517	1517	"	"	0.3	254
"	20:30	71°0067	105°41.244	1491	1504	"	"	0.2	24
"	21:00	71°0068	105°41.819	1498	1501	"	"	0.5	29
"	21:30	71°0030	105°42.605	1500	1506	"	"	0.8	283
"	22:00	71°0.015	105°43.537	1487	1497	"	"	0.6	132
"	22:30	71°59.926	105°44.116	1500	1509	"	"	0.6	295
"	23:05	71°0.028	105°45.333	1488	1495	"	"	1.4	267
"	23:30	71°0.829	105°39.639	1379	1391	"	"	5.8	141
19.3.06	0:00	71°4.568	105°36.867	778	761	"	"	8.3	167
"	0:30	71°8.064	105°34.929	566	567	"	"	7.3	171
"	1:00	71°10.384	105°33.364	566	570	"	"	3.7	10
"	1:30	71°8.012	105°30.959	562	566	"	"	5.5	23
"	2:00	71°5.568	105°30.740	557	559	"	minimal 5000	4.9	3
"	2:30	71°03.244	105°30.166	581	580	"	"	5.4	9
"	3:00	71°00.900	105°30.347	1414	1414	"	"	4.7	29
"	3:30	70°58.662	105°29.984	1829	1826	"	"	4.5	357



rsz	watch	comment
2	4	Andreas
5	2	"
6	4	"
5	3	"
20	-0	"
33	-0	"
5		Kristin
5		"
6		"
7		"
		Maria
		"
		15:04 → Station FS691302
		→ Shutdown wegen Stromausfall
		16:25 Systeme wieder hochgefahren, 6kg seilt runter
		ende Station
		Personenwechsel
		18:50 CTD-Station
		"
		Siege
		"
		"
		Christina
		"
		"
		Station Multinetz beendet
		"
		iceberg scans down to 645m
		Gerd
		"
		"
		iceberg scans down to 630m
		"
		"
		"



88 date	LTC	Latitude °S	Longitude °W	depth PS	depth HS	depth range	pulse mode	speed	course
19 03 2006	04:00	70° 56.249	105° 29.945	2234	2240	5000	min 5000	5.1	1.8
"	04:30	70° 53.796	105° 29.988	2508	2516	"	"	4.8	360
"	05:00	70° 51.287	105° 30.000	2702	2709	"	"	4.9	2.6
"	05:30	70° 48.768	105° 29.984	2877	2887	"	"	4.9	360
"	06:00	70° 46.322	105° 29.968	3005	3012	"	"	5.1	1.3
"	06:30	70° 43.765	105° 29.973	3103	3114	"	"	5.0	1.2
"	07:00	70° 41.227	105° 30.000	3199	3199	"	"	5.1	46
"	07:30	70° 38.690	105° 29.986	3277	3281	"	"	5.0	359
"	08:00	70° 36.201	105° 30.016	3334	3346	"	"	5.0	133.4
"	08:30	70° 33.780	105° 29.971	3401	3413	"	"	5.1	2.8
"	09:00	70° 31.234	105° 30.022	3429	3444	"	"	5.1	32
"	09:30	70° 28.777	105° 29.998	3485	3497	"	"	5.0	357.6
"	10:00	70° 26.320	105° 30.005	3540	3550	"	"	4.9	1.1
"	10:30	70° 23.901	105° 29.995	3581	3589	"	"	4.7	2.2
"	11:00	70° 21.374	105° 30.001	3683	3684	"	"	5.1	306.6
"	11:30	70° 18.827	105° 30.013	3415	3429	"	"	5.4	353.4
"	12:00	70° 16.34	105° 30.02	3368	3383	"	"	5.0	04
"	12:30	70° 13.87	105° 29.95	3402	3417	"	"	4.9	4.8
"	13:00	70° 11.40	105° 30.01	3508	3519	"	"	4.5	7.4
"	13:30	70° 10.14	105° 29.25	3536	3557	"	"	5.2	97.1
"	14:00	70° 10.44	105° 19.07	3505	3522	"	"	5.1	94.6
"	14:33	70° 10.895	105° 11.062	3458	3469	"	"	4.8	108
"	15:00	70° 11.061	105° 5.039	3599	3600	"	"	5.0	100.1
"	15:30	70° 11.346	104° 57.698	3753	3765	"	"	6.1	101.6
"	16:00	70° 11.685	104° 49.467	3756	3773	5000	5000	5.3	98
"	16:30	70° 12.032	104° 41.149	3781	3789	"	"	6.2	94
"	17:00	70° 12.583	104° 33.285	3821	3835	"	"	5.6	68
"	17:30	70° 12.709	104° 24.910	3837	3851	"	"	5.6	96
"	18:00	70° 13.065	104° 16.463	3845	3859	"	"	5.6	98
"	18:30	70° 13.414	104° 7.962	3858	3875	"	"	5.7	100
"	19:00	70° 13.765	103° 59.667	3854	3872	"	"	5.3	95
"	19:30	70° 14.106	103° 51.412	3847	3863	"	"	5.1	92
"	20:00	70° 14.441	103° 43.366	3828	3844	"	"	6.2	93
"	20:30	70° 14.68	103° 35.10	3817	3827	"	"	5.8	94
"	21:00	70° 15.00	103° 32.42	3781	3794	"	"	6.1	276
"	21:30	70° 15.34	103° 41.30	3804	3820	"	"	5.8	261
"	22:00	70° 15.56	103° 50.33	3815	3829	"	"	6.3	266
"	22:30	70° 15.28	103° 50.60	3822	3838	"	"	6.2	268
"	23:00	70° 16.05	104° 8.17	3818	3832	"	"	5.7	262



watch comment

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Silke

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Tomy 11:50 thick sediment



Hans

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Andreas

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gewellte Oberfläche (Graben?)
Oberfläche mit prominenter Zwitterung

Zwitterung

Oberfläche

16:46 bis 17:30 dann unendlich, ebenso vorher

Kristin

"
"

Maria

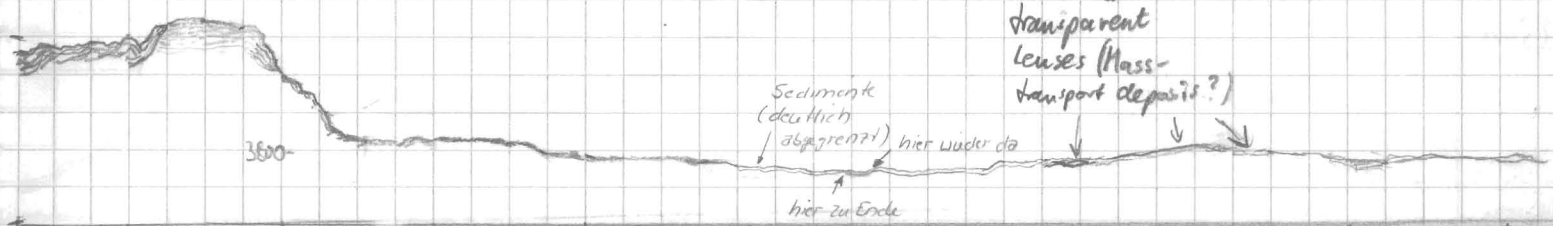
"

Christian

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"

change of course

Some semi-transparent lenses (Mass-transport deposit?)

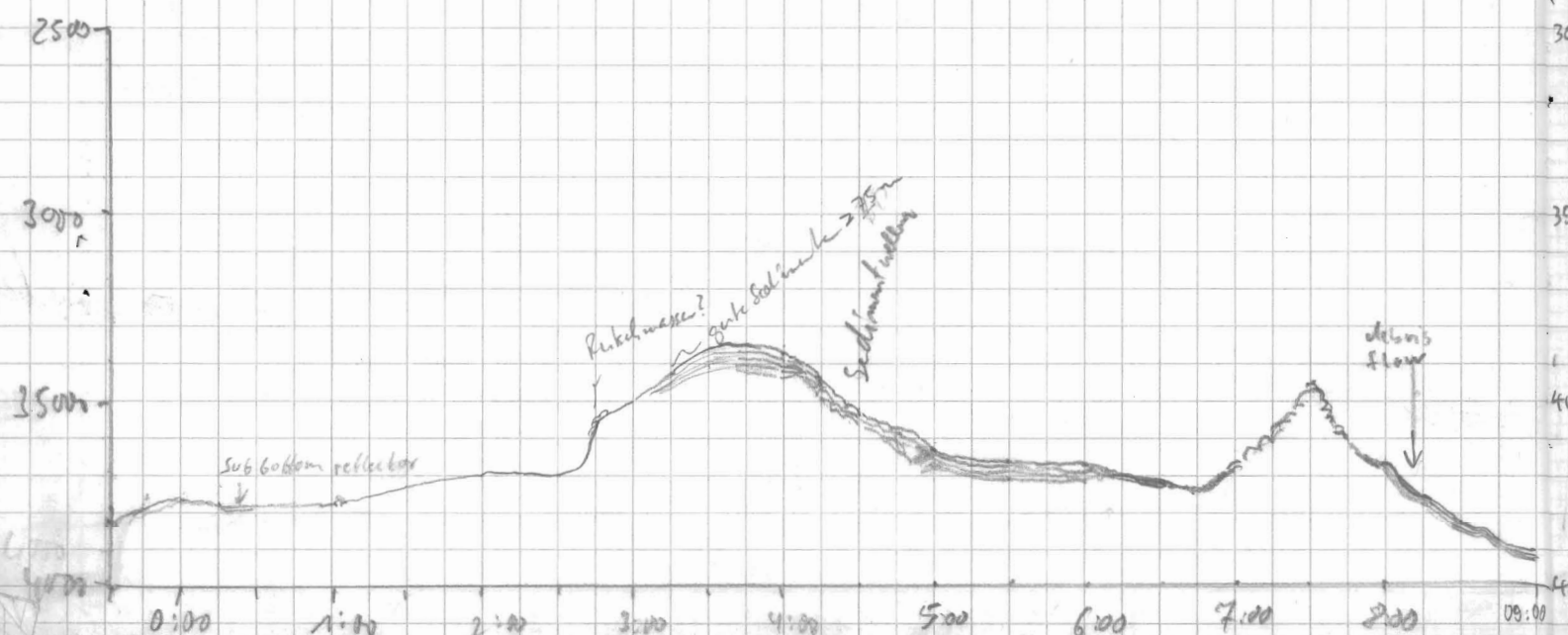


3600

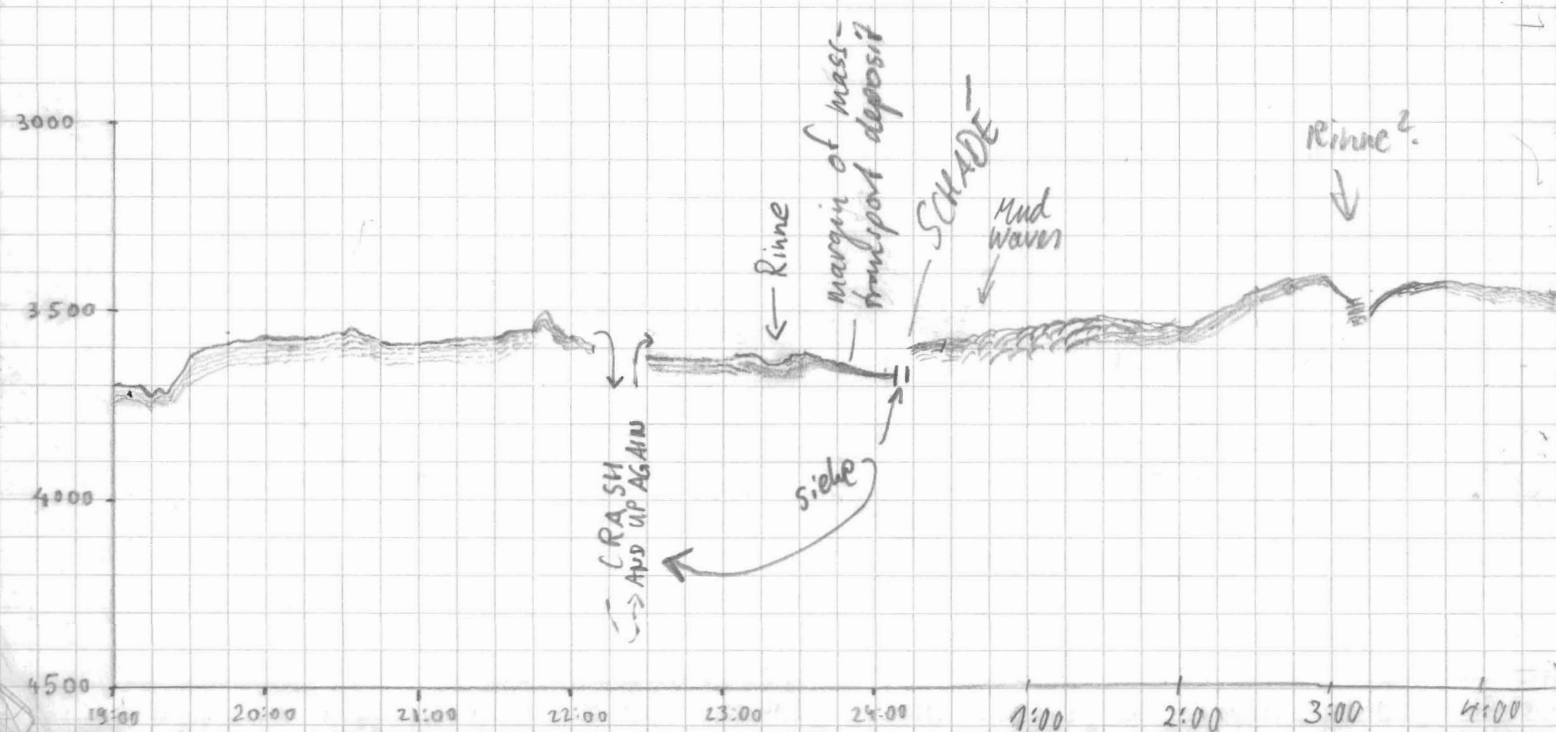
Sedimente (deutlich abgegrenzt) hier wieder da
↑
hier zu Ende

14:00 15 16 17 18 19 19 20 21 22 23

Date	UTC	Lat ° S	Long ° W	PS	HS	Range	Mode	Spand	Chart
9019.3.	23:20	70° 16.30	104° 17.31	3804	3818	5000	Par/P. lat	6.0	260
	23:58	70° 16.53	104° 25.36	3779	3795	"	"	5.7	269
20. 03.	00:30	70° 16.778	104° 34.383'	3789	3809	"	"	5.5	263
	01:00	70° 17.002	104° 42.630'	3765	3775	"	"	5.5	265
	01:30	70° 17.232	104° 50.917	3732	3746	"	"	5.2	265
	01:58	70° 17.113	104° 58.574	3705	3717	"	"	5.9	275
	2:30	70° 16.674'	105° 07.620'	3689	3702	"	"	5.8	281
	3:07	70° 16.062'	105° 18.247'	3459	3479	"	"	5.6	280
	3:30	70° 15.674'	105° 24.782	3383	3396	"	"	6.0	278
	4:00	70° 15.193'	105° 33.644	3383	3398	"	PAR/Par slanting	6.3	281
	4:30	70° 14.687	105° 42.515	3539	3546	"	"	5.8	280
	5:02	70° 14.153	105° 51.447	3621	3636	"	"	5.9	279
	5:35	70° 13.591	106° 01.742	3665	3681	"	"	6.2	284
	6:00	70° 13.182	106° 08.465	3687	3700	"	"	6.0	278
	6:30	70° 12.706	106° 17.549	3717	3731	"	"	5.5	278
	7:00	70° 12.219	106° 26.004	3650	3657	"	"	5.6	281
	7:30	70° 11.729	106° 34.617	3469	3461	"	"	5.9	277
	8:00	70° 11.244	106° 43.243	3676	3693	"	"	5.8	279
	8:30	70° 10.745	106° 51.912	3834	3845	"	"	6.2	278
	9:00	70° 10.249	107° 00.660	3900	3912	"	"	5.8	281
	9:30	70° 09.754	107° 09.451	3922	3940	"	"	5.7	279
	10:00	70° 09.260	107° 18.069	3916	3932	"	"	5.7	278
	10:30	70° 08.758	107° 26.381	3893	3908	"	"	5.7	280
	11:00	70° 08.211	107° 34.687	3845	3863	"	"	5.5	279
	11:30	70° 07.687	107° 42.778	3509	3525	"	"	5.5	279
"	12:00	70° 7.376	107° 51.038	3869	3884	"	"	5.6	280
"	12:30	70° 6.911	107° 59.370	3577	3593	"	"	5.5	280
"	13:00	70° 6.435	108° 7.630	3534	3545	"	"	5.5	282
"	13:30	70° 5.948	108° 16.072	3462	3482	"	"	5.7	277
"	14:00	70° 5.766	108° 23.264	3550	3563	"	"	5.7	285
"	14:30	70° 5.068	108° 31.435	3650	3662	"	"	5.5	272.7
"	15:00	70° 4.613	108° 39.311	3733	3748	"	"	5.4	279.1
"	15:30	70° 4.167	108° 47.228	3862	3876	"	"	5.5	278.0
"	16:00	70° 3.835	108° 54.857	3933	3949	"	"	4.7	275.4
"	16:30	70° 4.270	109° 1.60	3894	3916	"	"	5.3	273.8
"	17:00	70° 2.94	109° 8.91	3807	3830	"	"	5.7	282.1
"	17:30	70° 2.40	109° 16.29	3759	3774	"	"	4.9	247.9
"	18:00	70° 2.520	109° 23.60	3724	3736	"	"	5.5	291.5
"	18:30	70° 1.696	109° 30.598	3712	3730	"	"	5.7	278.9



Date	UTC	Lat S	Lon W	PS	HS	Range	Mode	Speed	Course
20.3.92	19:00	70° 2.111	109° 37.973	3704	3719	5000	PAR/Pilot	5.8	308
"	19:30	70° 0.832	109° 45.573	3622	3647	"	"	5.2	276
"	20:00	70° 0.352	109° 53.927	3583	3594	"	"	6.0	283
"	20:30	70° 0.179	110° 2.300	3563	3582	"	"	5.1	263
"	21:00	70° 1.022	110° 10.019	3572	3588	"	"	5.0	214
"	21:30	70° 1.412	110° 16.200	3545	3562	"	"	5.5	255
"	22:00	70° 2.043	110° 26.513	3564	3576	"	"	5.8	256
"	22:34	70° 02.81	110° 36.30	3631	3646	"	"	6.0	253
"	23:00	70° 03.36	110° 43.47	3631	3648	"	"	6.3	263
"	23:30	70° 04.04	110° 50.17	3611	3626	"	"	5.9	253
21.3.	00:00	70° 04.68	111° 00.50	3660	3670	"	"	6.1	261
"	00:08								
"	00:12	70° 04.96	111° 04.15	3597	3619	"	"	6.5	255
"	00:30	70° 5.423	111° 10.17	3581	3594	"	"	6.0	255
"	01:00	70° 6.000	111° 17.63	3554	3571	"	"	5.9	260
"	01:30	70° 6.646	111° 26.066	3512	3527	"	"	5.8	255
"	02:00	70° 7.29	111° 34.50	3531	3545	"	"	5.5	257
"	02:30	70° 7.94	111° 42.98	3440	3452	"	"	5.6	255
"	03:00	70° 8.61	111° 51.44	3458	3477	"	"	5.9	258
"	03:37	70° 9.39	112° 01.85	3437	3450	"	"	5.6	254
"	04:00	70° 09.86	112° 08.09	3438	3454	"	"	5.7	258
"	4:30	70° 10.495	112° 16.115	3463	3481	"	"	6.0	257
"	5:00	70° 11.113	112° 24.184	3499	3512	"	"	5.3	262
"	5:30	70° 11.711	112° 31.968	3602	3616	"	"	4.5	253
"	6:00	70° 12.329	112° 39.978	3633	3646	"	"	6.0	256
"	6:30	70° 12.986	112° 48.465	3612	3624	"	"	5.4	259
"	7:00	70° 13.587	112° 56.340	3665	3683	"	"	5.4	252
"	7:30	70° 14.218	113° 04.708	3638	3657	"	"	6.0	258
"	8:00	70° 14.857	113° 12.976	3626	3640	"	"	5.5	255
"	8:30	70° 15.495	113° 21.346	3612	3633	"	"	5.9	257
"	9:00	70° 16.143	113° 29.915	3588	3607	"	"	5.5	255
"	9:30	70° 16.779	113° 38.133	3583	3601	"	"	6.7	258
"	10:00	70° 17.428	113° 46.601	3577	3594	"	"	5.4	254
"	10:30	70° 18.105	113° 55.521	3583	3597	"	"	5.8	254
"	11:00	70° 18.768	114° 04.229	3389	3408	"	"	6.0	256
"	11:30	70° 19.442	114° 13.063	3454	3463	"	"	6.3	253
"	12:00	70 20 112	114 21 710	3460	3476	"	"	6.6	258



Watch
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Mann
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→ 22:09 - 22:31 → No data due to system crash

Mate
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→ schon wieder System crash

Christina
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Christoph
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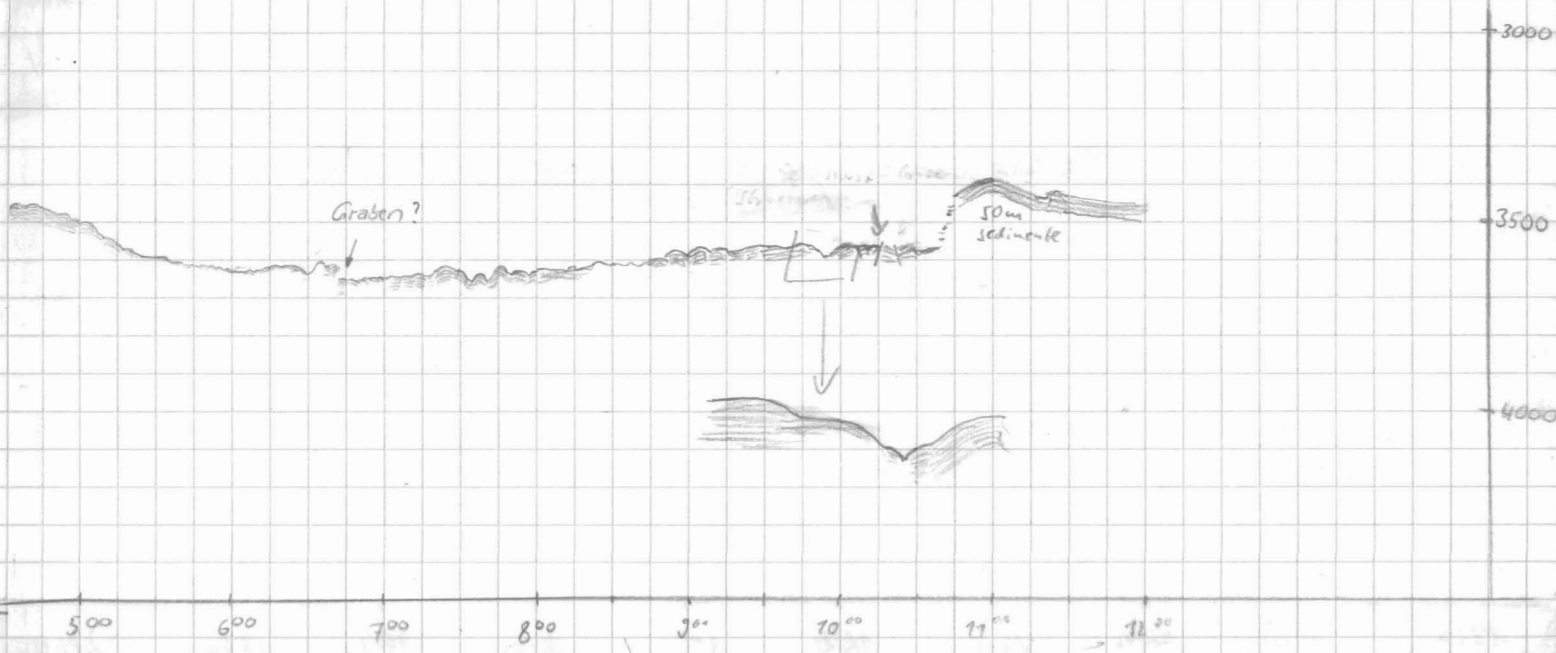
4:00 Geburtslagsgesellschaft ordentlich!
4:15 " " verlässt sich ins Karolinen

Kristin
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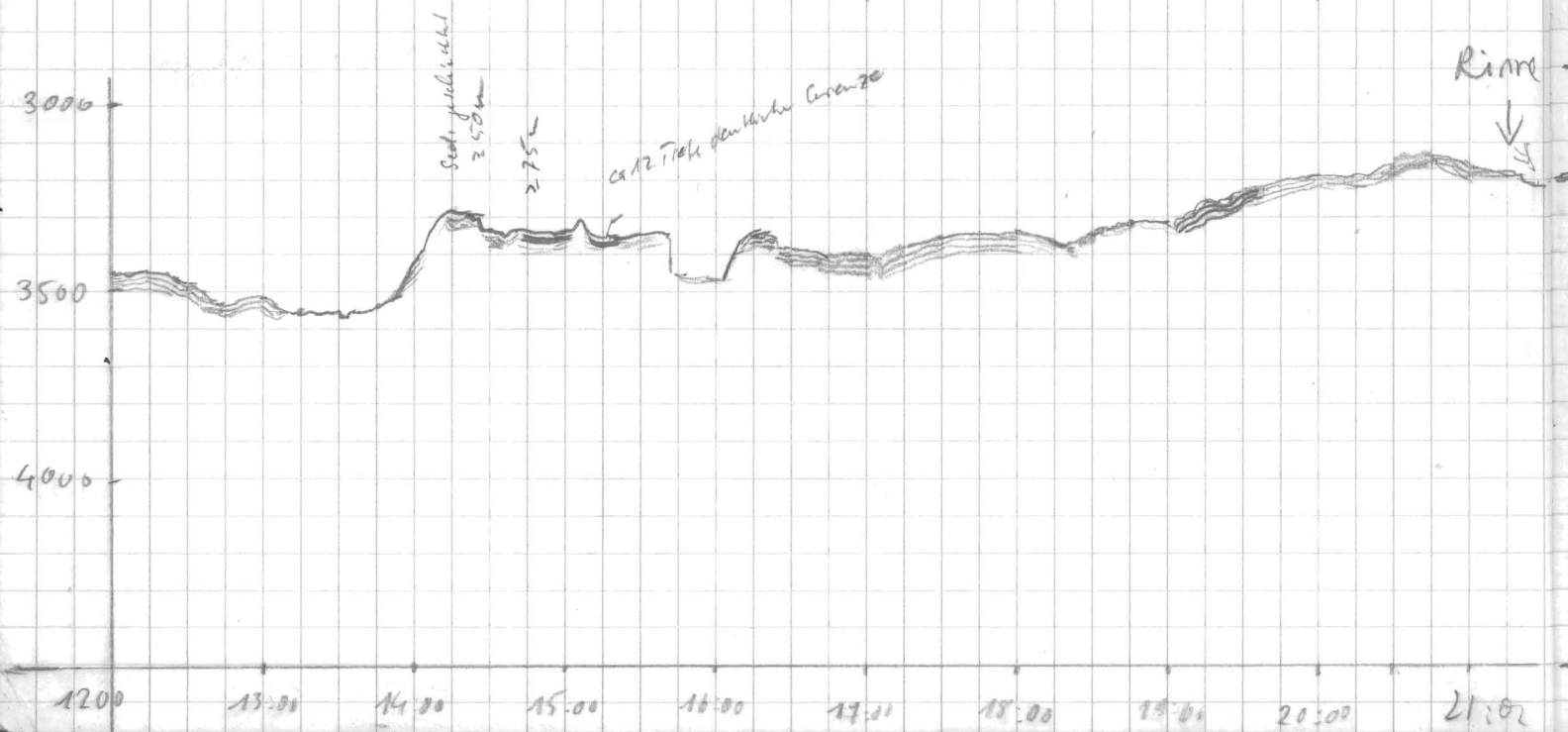
Marvin
"
"
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"

10:45 Halbgraben? → Stufe + 50m Eindringtiefe, gut geschichtete Sedimente

Andreas 50m Feindrönschneise, Schichtung gut erkennbar.



Date	UTC	Latitude S	Longitude W	depth PS	depth HS	Range	Mode	Speed	Count
21.3.06	12:30	70° 20.755'	114° 30.274'	3476	3489	5000	PAR - Pilot	6.0	257
"	13:00	70° 21.392'	114° 38.590'	3520	3542	"	"	5.8	258
"	13:30	70° 22.035'	114° 47.049'	3544	3557	"	"	6.1	259
"	14:00	70° 22.669'	114° 55.375'	3406	3418	"	"	6.4	257
"	14:30	70° 23.449'	115° 5.685'	3261	3322	"	"	5.4	254
"	15:00	70° 23.935'	115° 12.145'	3345	3358	"	"	5.4	356
"	15:34	70° 24.665'	115° 24.633'	3336	3348	"	"	5.3	259
"	16:00	70° 25.210'	115° 28.842'	3468	3480	"	"	5.8	254
"	16:30	70° 25.854'	115° 37.384'	3358	3372	"	"	6.2	258
"	17:00	70° 26.534'	115° 46.302'	3395	3407	"	"	6.6	261
"	17:32	70° 27.265'	115° 55.518'	3335	3347	"	"	6.1	267
"	18:00	70° 27.841'	116° 03.621'	3362	3366	"	"	6.0	258
"	18:30	70° 28.511'	116° 12.471'	3356	3369	"	"	6.4	260
"	19:00	70° 29.171'	116° 21.121'	3314	3223	"	"	5.8	260
"	19:30	70° 29.821'	116° 29.651'	3242	3254	"	"	5.9	256
"	20:00	70° 30.461'	116° 38.171'	3194	3206	"	"	6.3	254
"	20:34	70° 31.221'	116° 48.291'	3182	3196	"	"	5.9	254
"	21:00	70° 31.761'	116° 56.431'	3153	3168	"	"	5.8	255
"	21:12	70° 32.241'	117° 01.911'	3215	3227	"	"	5.8	256
"	21:30	70° 32.411'	117° 04.061'	3194	3205	"	"	5.8	254
"	22:00	70° 33.042'	117° 12.561'	3124	3133	"	"	5.8	257
"	22:30	70° 33.682'	117° 20.963'	3097	3108	"	"	6.1	260
"	23:00	70° 34.331'	117° 29.517'	3106	3103	"	"	5.4	256
"	23:30	70° 34.959'	117° 37.899'	2938	2940	"	"	6.1	257
22/03/06	00:00	70° 35.591'	117° 46.261'	2883	2895	"	"	5.9	256
"	00:30	70° 36.231'	117° 54.822'	2874	2888	"	"	5.3	257
"	01:00	70° 36.857'	118° 03.174'	2888	2894	"	"	5.4	255
"	01:30	70° 37.498'	118° 11.600'	2863	2872	"	"	5.7	253
"	02:00	70° 38.157'	118° 20.521'	2860	2872	"	"	6.2	258
"	02:30	70° 38.802'	118° 29.149'	2849	2861	"	"	5.2	257
"	03:00	70° 39.429'	118° 37.386'	2848	2859	"	"	5.9	254
"	03:30	70° 39.911'	118° 46.067'	2845	2850	"	"	4.1	320
"	04:00	70° 38.088'	118° 51.668'	2845	2852	"	"	9.1	327
"	04:30	70° 33.798'	118° 46.881'	2858	2868	"	"	9.2	18.0
"	05:00	70° 29.445'	118° 41.687'	2891	2899	"	"	9.7	24.2
"	05:30	70° 25.125'	118° 36.487'	2898	2908	"	"	9.3	21.7
"	06:00	70° 20.801'	118° 31.332'	2903	2912	"	"	9.1	21.4
"	06:30	70° 18.648'	118° 24.809'	2898	2902	"	"	9.5	128.1



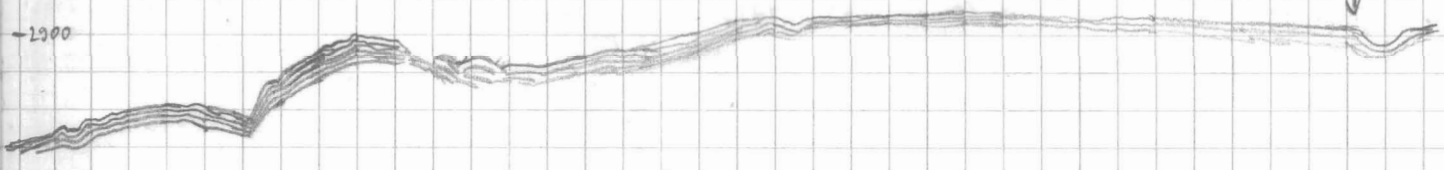
Wdh	Comments
Andreas	Ein dringtiefe ca. 50m, Schichtung gut erkennbar
Andreas	Graben Beginn 12:38 Ende: 12:45 durchgehend geschichtet > 25m!
Andreas	Graben " 13:00 " 13:45 keine Schichtung im Grabeninneren
"	
Sief	
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Gerd	
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Matze	
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Christian	
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CD	
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Christina	
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Jo	
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"	
"	
Silke	
"	
"	
"	

Rinne

06:40 - 06:50h. chaotische Strukturen (Rutschkörper?)

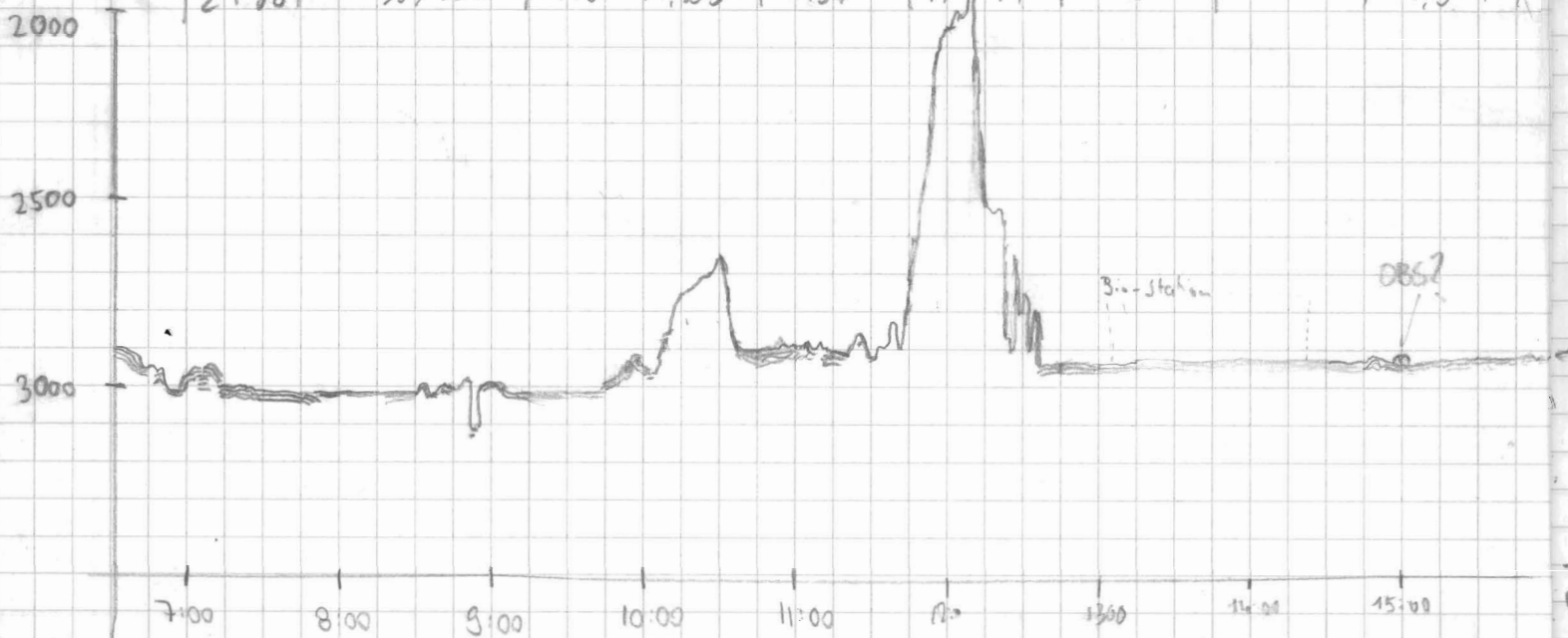
Stramer
↓

6:20 Uhr
↓

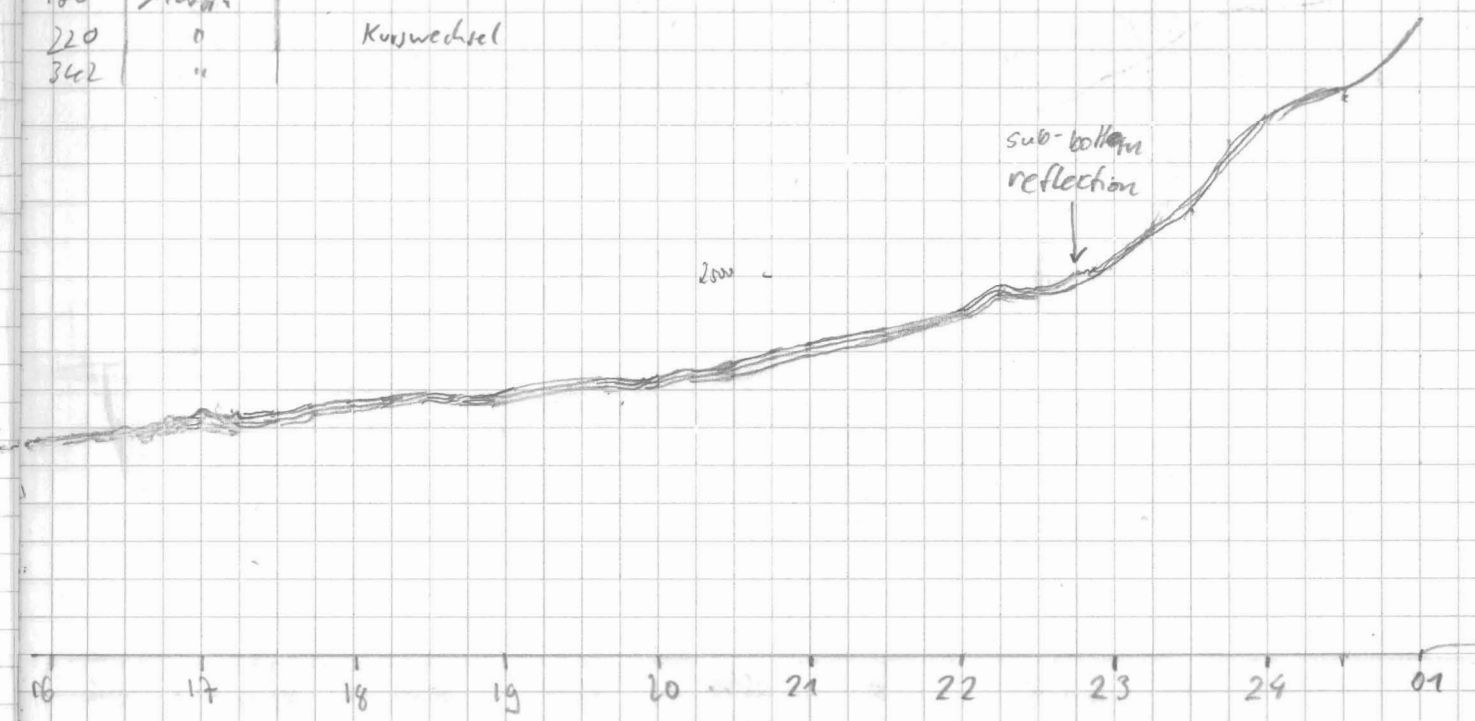


22:00 23:00 00:00 1:00 2:00 3:00 4:00 5:00 6:00

96 date	UTC	Lat. S	Long. W	depth PS	depth HS	depth range	depth mode	speed
22.03.06	7:00	70°21.961	118°13.489	2972	2990	5000	PAR-Pilot	10.0
"	7:30	70°20.818	118°03.756	3011	3021	"	"	8.5
"	8:00	70°17.612	118°06.238	3029	3031	"	"	9.1
"	8:30	70°14.37	118°7.04	3025	3036	"	"	8.6
"	9:00	70°12.82	118°2.58	3002	3009	5000	"	9.4
"	9:30	70°17.39	118°3.54	3018	3037	5000	"	10.4
"	10:00	70°17.02	118°13.47	2962	2972	5000	"	8.9
"	10:30	70°14.29	118°30.29	2523	2570	5000	"	9.8
"	11:00	70°15.01	118°45.41	2897	2912	5000	"	9.7
"	11:30	70°15.02	118°59.33	2910	2919	5000	"	9.6
"	12:00	70°15.04	119°13.59	2043	2039	5000	"	9.7
"	12:30	70°15.05	119°27.43	2819	2806	5000	"	9.7
"	13:00	70°15.26	119°40.79	2944	2947	5000	"	6.8
"	13:30	70°15.03	119°41.16	2936	2948	"	"	0.1
"	14:00	70°15.03	119°41.21	2935	2948	"	"	0.8
"	14:30	70°14.81	119°39.02	2934	2945	"	"	8.5
"	15:00	70°19.01	119°33.30	2923	2930	"	"	9.3
"	15:30	70°23.562	119°28.607	2908	2921	"	"	10.4
"	16:00	70°24.246	119°24.129	2910	2920	"	"	10.3
"	16:30	70°29.658	119°21.698	2897	2907	"	"	10.1
"	17:00	70°33.763	119°19.222	2851	2861	5000	PAR-Pilot	6.7
"	17:30	70°35.725	119°14.925	2850	2863	"	"	9.7
"	18:00	70°40.366	119°09.554	2825	2836	"	"	10.3
"	18:30	70°42.901	119°9.285	2806	2821	"	"	7.0
"	19:00	70°46.420	119°2.676	2798	2809	"	"	9.2
"	19:30	70°51.170	118°57.139	2763	2779	"	"	10.1
"	20:00	70°52.542	118°55.584	2760	2771	"	"	9.9
"	20:30	70°57.103	118°50.370	2722	2734	"	"	10.1
"	21:00	70°1.603	118°46.473	2680	2692	"	"	8.3
"	21:30	71°03.21	118°43.37	2663	2673	"	"	10.0
"	22:00	71°07.98	118°37.84	2580	2590	"	"	9.9
"	22:33	71°10.89	118°36.04	2524	2537	"	"	9.2
"	23:00	71°14.47	118°30.11	2443	2455	"	"	10.4
"	23:30	71°19.22	118°24.56	2305	2317	"	"	7.3
23.03.06	00:00	71°23.312	118°19.818	2162	2172	"	"	7.6
"	00:30	71°27.13	118°15.21	2020	2031	"	"	9.0
"	1:00	71°37.340	118°10.340	1813	1825	"	"	7.1
"	1:30	71°33.758	118°8.343	1707	1707	"	"	4.9
"	2:00	71°33.360	118°11.339	1757	1744	"	"	7.3

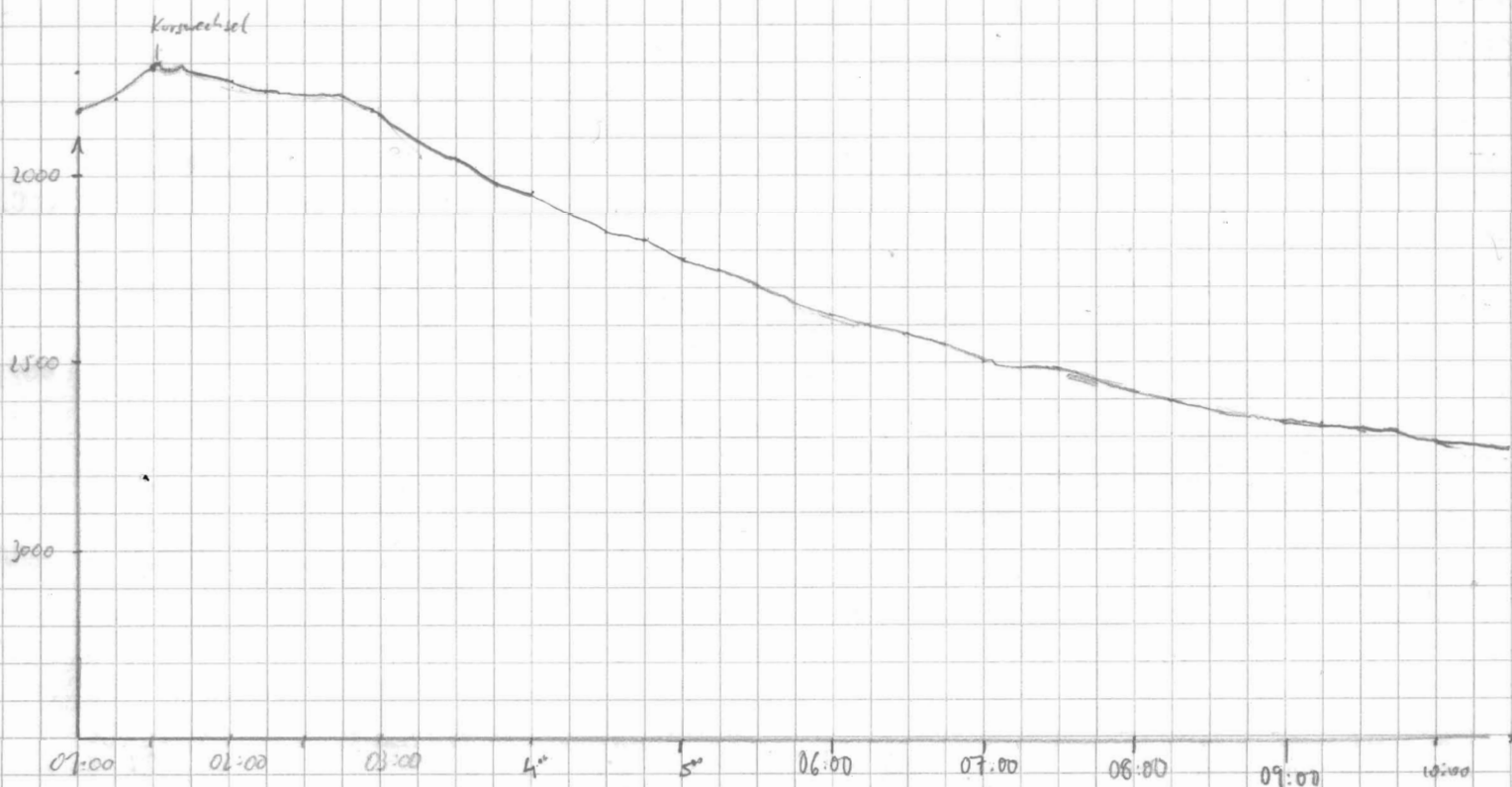


course	watch	comments
130.5	CD	
48.2	"	
315	"	
38.7	Terry	
205.6	"	
205.6	"	
304.0	"	
274.5	"	
272.1	"	
267.1	"	
271.6	"	
271.6	"	
294.6	"	13:03 Station, auf der im Netz lebende Tiere gefangen wurden... - 14:23
129	AR	
131	"	
74	"	
160	"	
161	Mann	
170	"	
159	"	
250	Andreas	ca. 20m Eindringtiefe in gut geschichtete Sedimente
159	"	ca. 20m Eindringtiefe in nicht bzw gut geschichtete Sedimente
158	"	" " " " " "
104	"	" " " " " "
158	"	" " " " " "
158	Norbert	19:45 Deployment 03H 5
167	Andreas	
157	"	
251	"	
161	Mate	
157	"	
75	"	
160	"	
162	Christian	
155	"	
159	"	
160	Martin	
220	"	Kurswechsel
342	"	

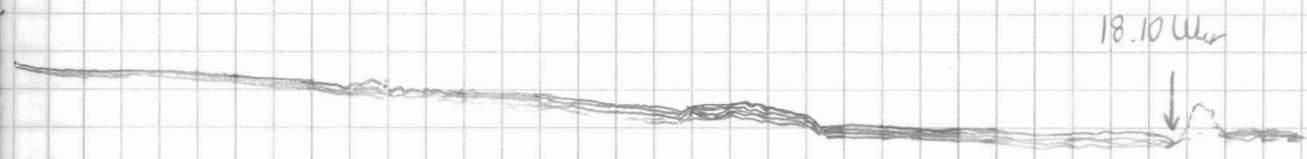


98

date	UTC	Lat S	Long W	depth PS	depth HS	range	mode	speed
23.03.06	2:30	70° 32, 315	118° 11, 127	1783	1792	"	"	0.7
	3:00	71° 31, 252	118° 12, 611	1834	1842	"	"	6.5
	3:30	71° 29, 086	118° 16, 375	1952	1959	"	"	5.0
	4:00	71° 26, 738	118° 19, 243	2051	2058	"	"	5.4
	4:30	71° 24, 421	118° 21, 876	2140	2142	"	"	3.5
	5:00	71° 22, 197	118° 24, 561	2223	2232	"	"	5.3
"	05:30	71° 19, 854	118° 27, 300	2297	2307	5000	5000	4.8
"	06:00	71° 17, 591	118° 29, 941	2363	2368	"	"	4.3
"	06:30	71° 15, 409	118° 32, 477	2425	2431	"	"	4.6
"	07:00	71° 13, 144	118° 35, 166	2489	2499	"	"	5.0
"	07:30	71° 10, 848	118° 37, 827	2536	2546	"	"	4.9
"	08:00	71° 8, 647	118° 40, 383	2582	2586	"	"	4.1
"	08:30	71° 6, 371	118° 43, 004	2622	2630	"	"	5.0
"	09:00	71° 4, 098	118° 45, 650	2659	2668	"	PAR Pilot	3.9
	9:30	71° 1, 856	118° 48, 318	2686	2696	"	"	5.1
	10:00	70° 59, 476	118° 50, 983	2709	2717	"	"	5.3
	10:30	70° 57, 165	118° 53, 643	2724	2732	"	"	5.5
	11:00	70° 54, 816	118° 56, 337	2740	2749	"	"	5.9
"	11:30	70° 52, 432	118° 59, 102	2757	2769	"	"	5.3
"	12:00	70° 50, 110	119° 1, 703	2770	2780	"	"	4.9
	12:30	70° 47, 749	119° 4, 424	2786	2798	"	"	5.4
"	13:00	70° 45, 325	119° 7, 196	2796	2806	"	"	4.8
"	13:30	70° 42, 949	119° 9, 872	2808	2818	"	"	5.3
"	14:00	70° 40, 614	119° 12, 593	2820	2830	"	"	4.9
"	14:30	70° 38, 364	119° 15, 163	2833	2843	"	"	4.2
"	15:00	70° 36, 064	119° 17, 734	2848	2855	"	"	5.4
"	15:30	70° 33, 797	119° 20, 320	2865	2867	"	"	4.9
"	16:00	70° 31, 486	119° 22, 917	2888	2899	"	"	5.2
"	16:30	70° 29, 041	119° 25, 671	2899	2909	"	"	5.1
"	17:00	70° 26, 602	119° 28, 383	2905	2915	"	"	5.1
"	17:30	70° 24, 274	119° 31, 003	2910	2921	"	"	5.4
"	18:00	70° 21, 898	119° 33, 712	2916	2924	"	"	4.9
"	18:30	70° 19, 636	119° 36, 207	2922	2933	"	"	5.5
1500	"	70° 17, 30	119° 38, 80	2928	2940	"	"	5.7

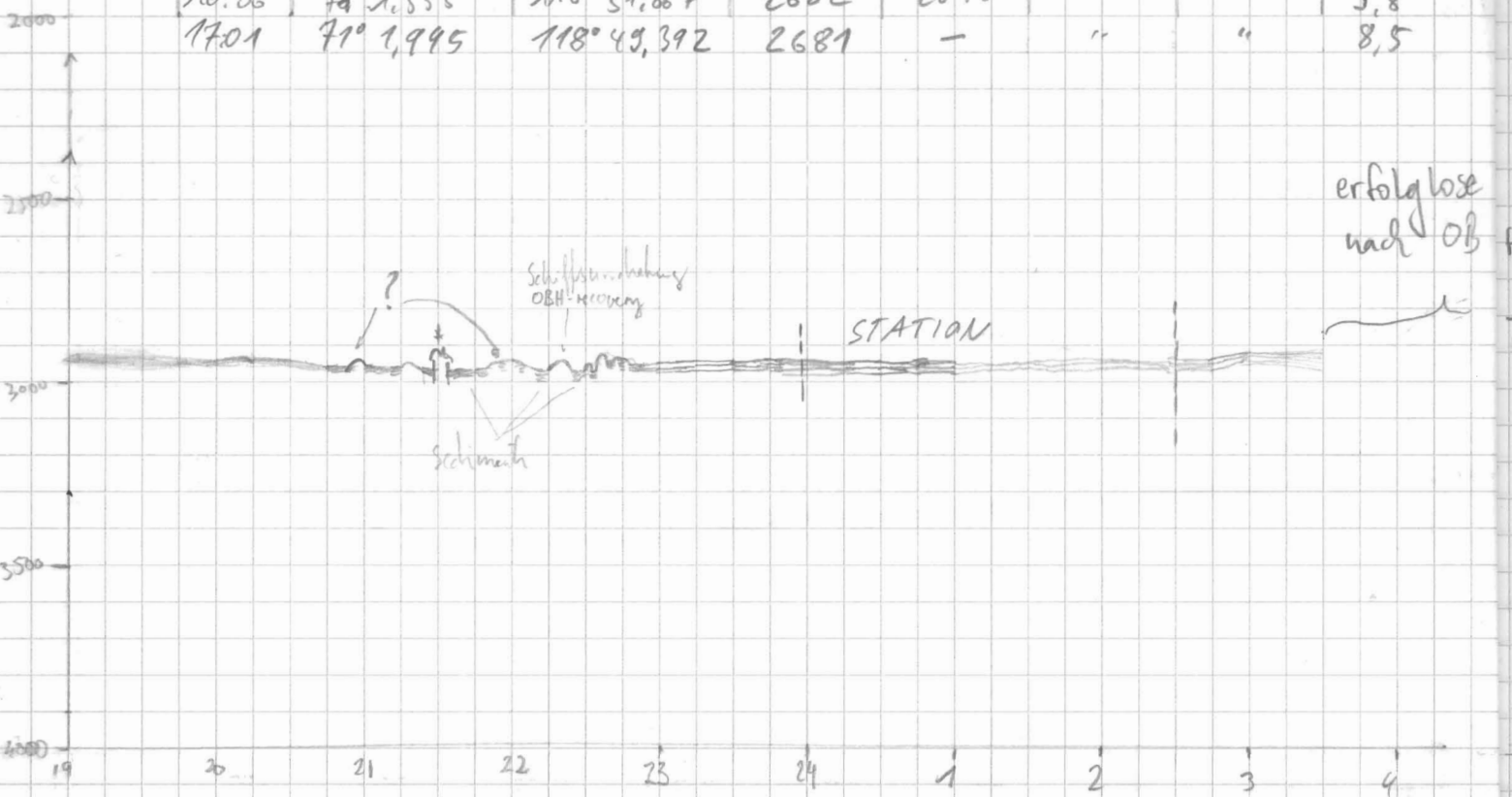


course	watch	company
187	maria	2:30 Ausleben der Karone?
342	"	
339	Stefan	
343	"	
341	"	
340	"	
336	Jo	
338	"	
330	"	
343	"	
339	"	
335	"	
340	"	
341	AR	
336	"	
337	"	
340	"	
341	"	
341	"	
337	"	
338	"	
347	Gerd	
336	"	
337	"	
346	"	
334	"	
339	CO	
337	"	
340	"	
338.8	Silke	
336.6	"	
347.2	"	
332.4	"	
346.3	"	

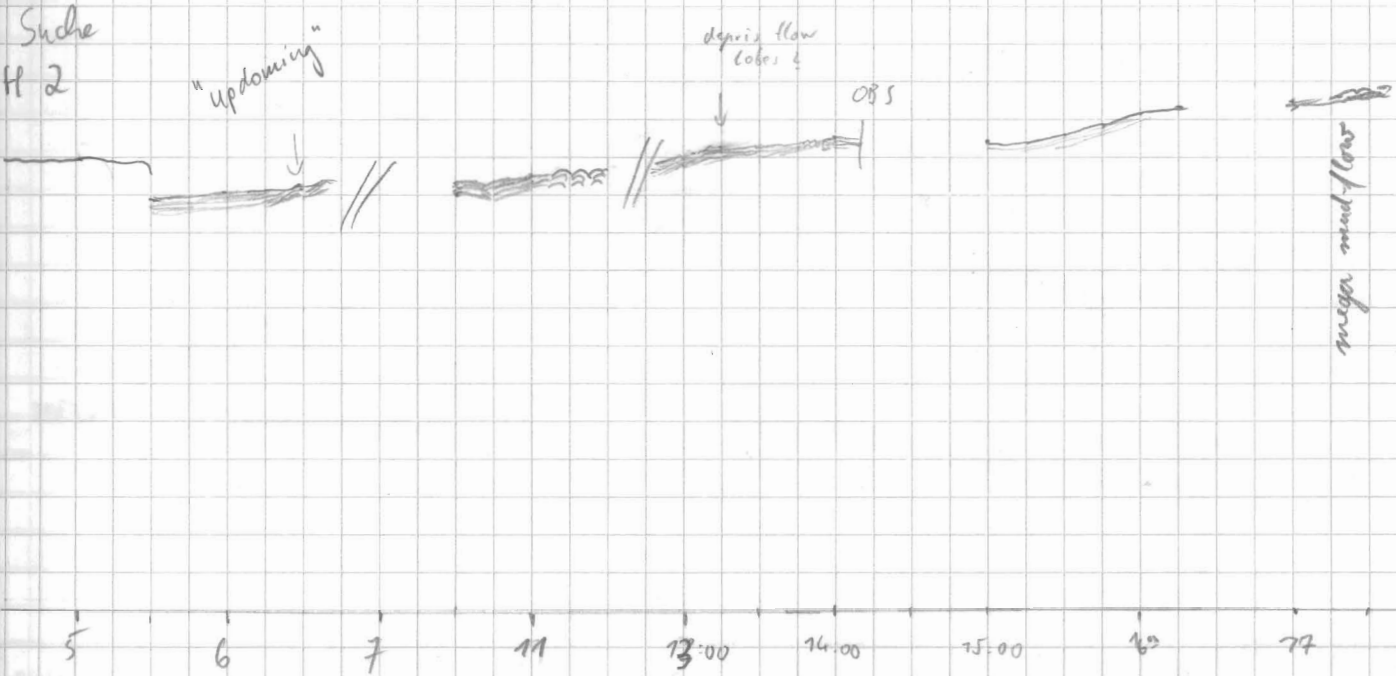


11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00

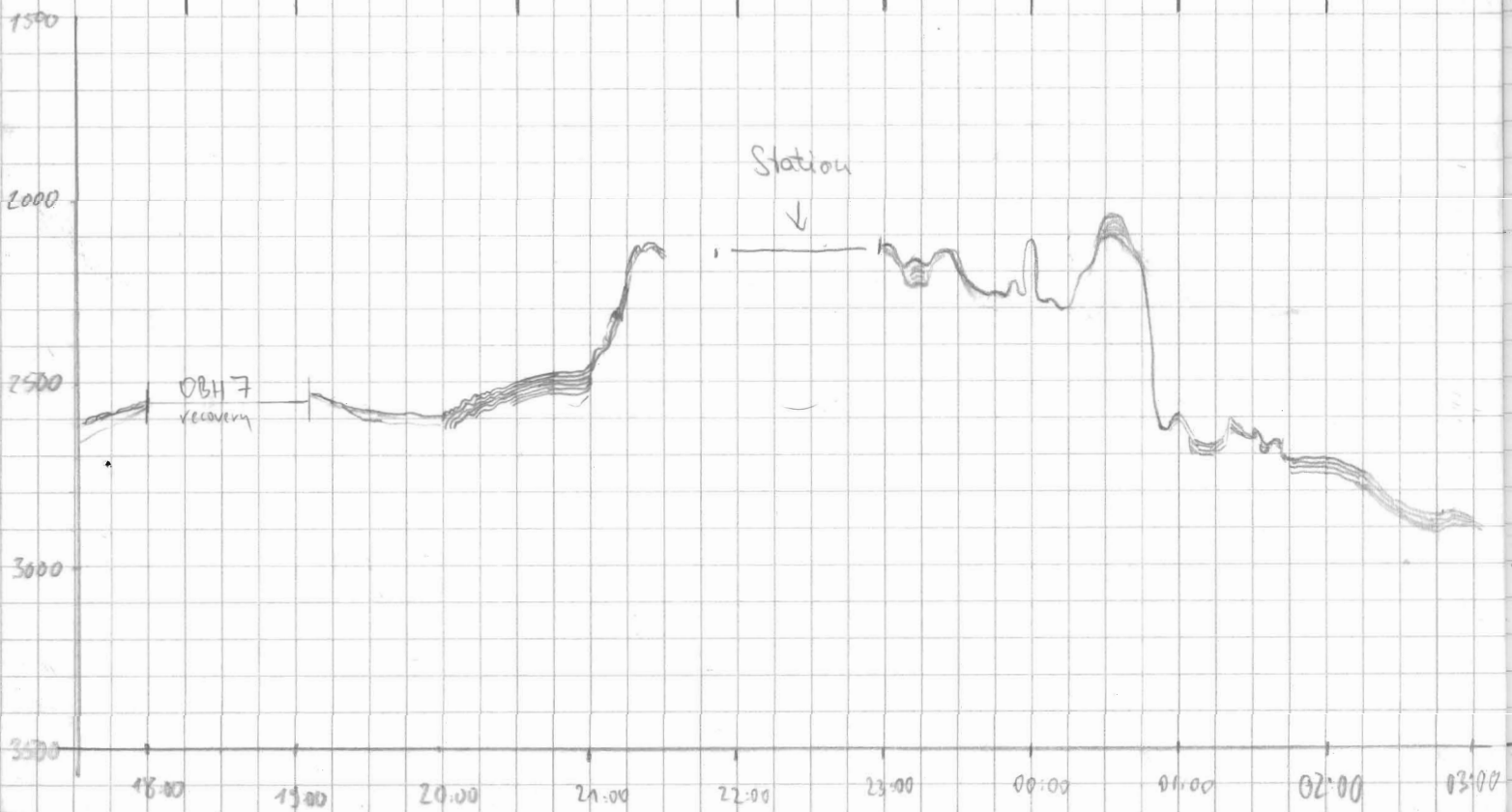
100	date	UTC	Lat. S	Long. W	depth PS	depth HS	depth range	depth mode	speed
23	03-06	19:30	70° 14.95	119° 47.42	2936	2950	5000	PAR/PILOT	5.1
"	"	20:00	70° 12.55	119° 44.12	2940	2953	"	"	5.6
"	"	20:30	70° 10.75	119° 46.79	2938	2949	"	"	5.7
"	"	21:00	70° 7.932	119° 48.176	2942	2953	"	"	5.2
"	"	21:30	70° 5.055	119° 52.042	2973	2986	"	"	3.7
"	"	22:00	70° 3.943	119° 51.300	2956	2974	"	"	3.2
"	"	22:30	70° 5.911	119° 49.659	2960	2963	"	"	9.5
"	"	23:00	70° 10.617	119° 45.437	2941	2956	"	"	9.8
"	"	23:30	70° 14.107	119° 42.067	2939	2952	"	"	10.2
"	"	24:00	70° 15.157	119° 41.304	2935	2951	"	"	0.0
24	03-06	00:30	70° 15.381	119° 40.874	2934	2947	"	"	0.7
"	"	01:00	70° 15.094	119° 41.115	2935	2951	"	"	0.8
"	"	01:30	70° 15.179	119° 40.394	2936	2946	"	"	0.3
"	"	02:00	70° 15.350	119° 39.934	2936	2946	"	"	2.8
"	"	02:30	70° 15.209	119° 41.130	2936	2950	"	"	0.7
"	"	03:00	70° 17.899	119° 41.228	2925	2940	"	"	9.8
"	"	3:30	70° 22.776	119° 35.811	2914	2932	"	"	10.4
"	"	3:55	70° 24.472	119° 30.650	2912	?	"	"	1.2
"	"	5:30	70° 24.55	119° 32.23	2912	?	"	"	8.4
"	"	6:00	70° 28.59	119° 29.49	2897	2911	"	"	10.5
"	"	6:30	70° 33.51	119° 24.06	2879	2889	"	"	9.8
"	"	6:44	70° 33.88	119° 20.39	2858	2872	"	"	1.3
"	"	7:40	70° 33.88	119° 19.92	2851	11.5	"	"	0.7
"	"	8:31	70° 33.698	119° 20.263	2857	2870	"	"	0.1
"	"	10:33	70° 33.669	119° 21.316	2867	2873	"	"	7.4
"	"	11:00	70° 37.240	119° 19.595	2839	2850	"	"	9.8
"	"	11:30	70° 41.998	119° 14.131	2809	2822	"	"	10.7
"	"	12:43	70° 42.990	119° 8.758	2807	2821	"	"	3.6
"	"	13:00	70° 43.647	119° 12.300	2802	2870	"	"	8.4
"	"	13:30	70° 45.227	119° 7.077	2799	2780	"	"	10.2
"	"	14:00	70° 52.757	119° 1.799	2749	2759	"	"	8.7
"	"	15:03	70° 52.942	119° 1.626	2746	2756	"	"	7.5
"	"	15:30	70° 56.984	118° 57.191	2724	2734	"	"	10.0
"	"	16:00	70° 1.555	118° 51.867	2682	2693	"	"	9.8
"	"	17:01	71° 1.995	118° 49.392	2681	-	"	"	8.5



course	Watch	comment
340.5	Terry	
340.6	"	
352.2	"	
315	Mauer	
14	"	* 21:29: Absturz
21.6	"	
164	"	
165	Andreas	Deutlich geschichtete Sedimente mit einer Eindringtiefe > 20m
178	"	" " " "
139	"	" " " "
75	"	OBH Aufnahme: 23:53
87	"	
190	Christina	
132	"	
186	"	02:32 Stationsende OBH1
159	"	
160	Kristin	
163	"	3:55 auf Standby wegen OBH recovering
256	Mate	→ Parasound wieder an.
160	"	
161	"	
38	"	→ recovery of OBH 3 ⇒ STANDBY
123	"	→ Parasound "run" again ⇒ approaching OBH3
163	Gerd	PS 69/309-1 KOL 25m Station
249	"	
161	"	
159	"	OBH4 - Standby 11:48 - 12:25
7	"	
150	Martin	
159	"	
20.8	"	
155	Sela	14:18 auf standby wegen OBS 14:52 wieder an
159	"	
158	"	16:15 OBH Station Standby 16:50
248	Gerd	Ende Station

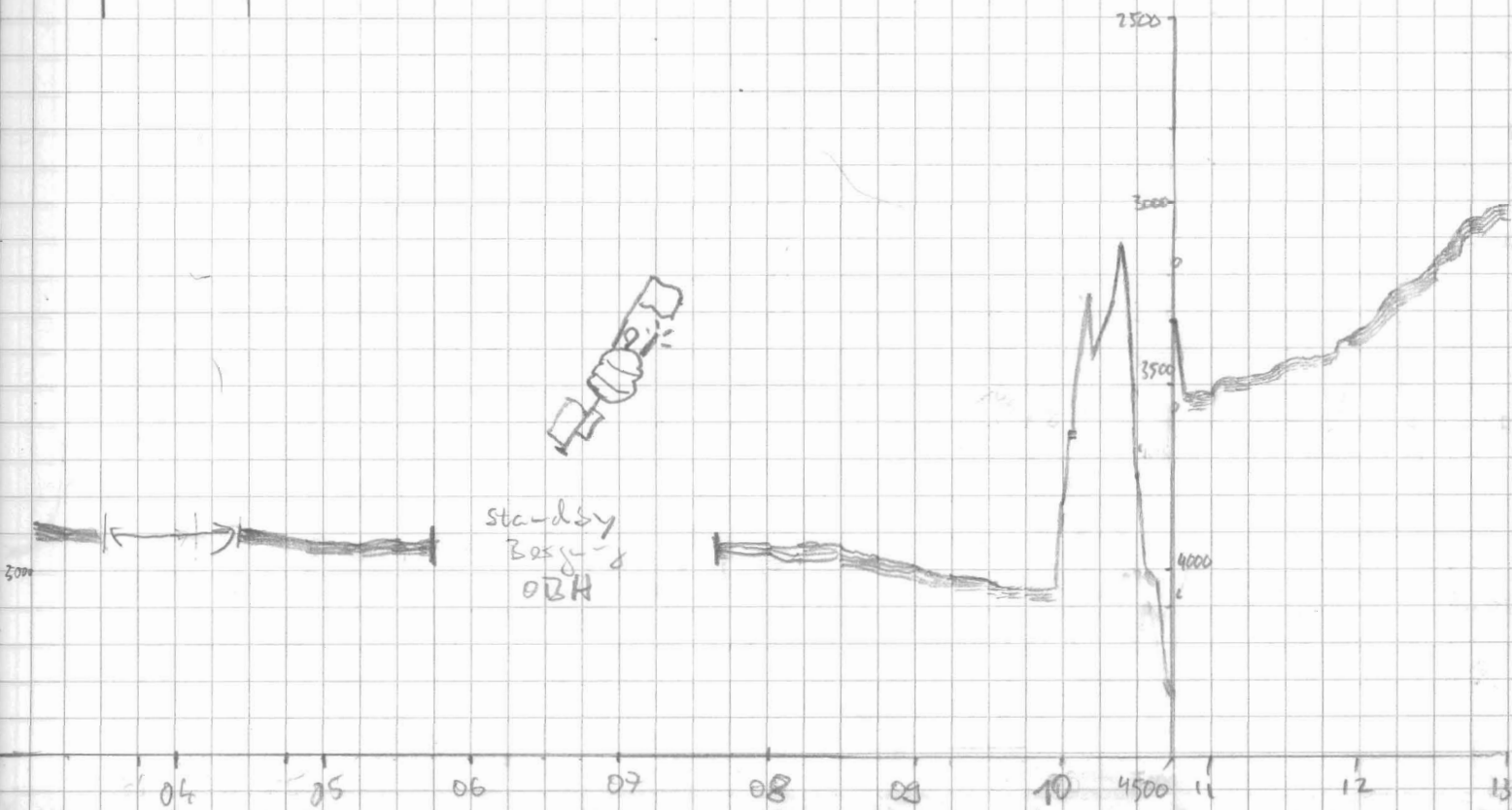


102	date	UTC	Lat S	Long W	depth PS	depth HS	depth range	depth mode	speed
	26.03.06	17:30	71° 6.015'	118° 46.761	2628	2637	5000	Par-Plot Mini	10.5
	"	18:00	71° 10.738'	118° 49.326	2546	2555	"	"	9.8
	"	19:30	71° 10.513	118° 44.943	2564	2569	"	"	7.8
	"	20:00	71° 08.854	119° 01.230	2596	2605	"	"	11.6
	"	20:30	71° 09.724	119° 18.743	2490	2500	"	"	11.5
	"	21:00	71° 09.410	119° 36.351	2475	2487	"	"	11.4
	"	21:30	71° 9.123	119° 53.589	2156	2163	"	"	10.1
	"	21:52	71° 9.005	119° 57.474	2115	2124	"	"	7.8
	"	23:00	71° 8.954	119° 57.660	2117	2125	"	"	0.1
	"	23:30	71° 8.354	119° 58.090	2148	2151	"	"	10.9
	25.02.06	00:00	71° 2.947	119° 59.540	2243	2245	"	"	11.5
	"	00:30	70° 57.382	119° 55.307	2010	2023	"	"	11.7
	"	01:00	70° 51.882	119° 51.201	2576	2584	"	"	11.7
	"	01:30	70° 46.473	119° 47.147	2633	2635	"	"	10.9
	"	02:00	70° 41.234	119° 43.243	2718	2731	"	"	11.1
	"	02:30	70° 35.623	119° 39.068	2856	2866	"	"	11.3
	"	03:00	70° 30.195	119° 35.047	2885	2898	"	"	11.3
	"	03:30	70° 24.57	119° 30.87	2911	2918	"	"	4.5
	"	04:00	70° 24.486	119° 30.83	2913	2922	"	STANBY	0.9
	"	04:30	70° 24.42	119° 30.81	2917	2922	"	PAR-PLLOT	1.6
	"	05:00	70° 21.78	119° 33.83	2914	2927	"	"	1.0
	"	05:30	70° 17.18	119° 38.58	2929	2941	"	"	1.0
	"	08:00	70° 16.51	119° 57.2	2946	2955	"	"	9.9
	"	8:30	70° 18.35	120° 05.9	2941	2951	"	"	9.7
	"	9:00	70° 20.125	120° 14.335	2963	2971	"	"	10.2
	"	9:30	70° 21.889	120° 32.640	3015	3025	"	"	9.7
	"	10:00	70° 23.660	120° 46.058	134	2814	"	"	9.7
	"	10:30	70° 25.419	120° 59.444	2777	2733	"	"	9.9
	"	11:00	70° 27.147	121° 12.578	3518	3535	"	"	9.8
	"	11:30	70° 28.891	121° 25.856	3441	3451	"	"	9.1
	"	12:00	70° 30.618	121° 38.991	3358	3362	"	"	9.7
	"	12:30	70° 32.349	121° 52.116	3174	3183	"	"	9.0
	"	13:00	70° 34.143	122° 5.869	3012	3021	"	"	9.6

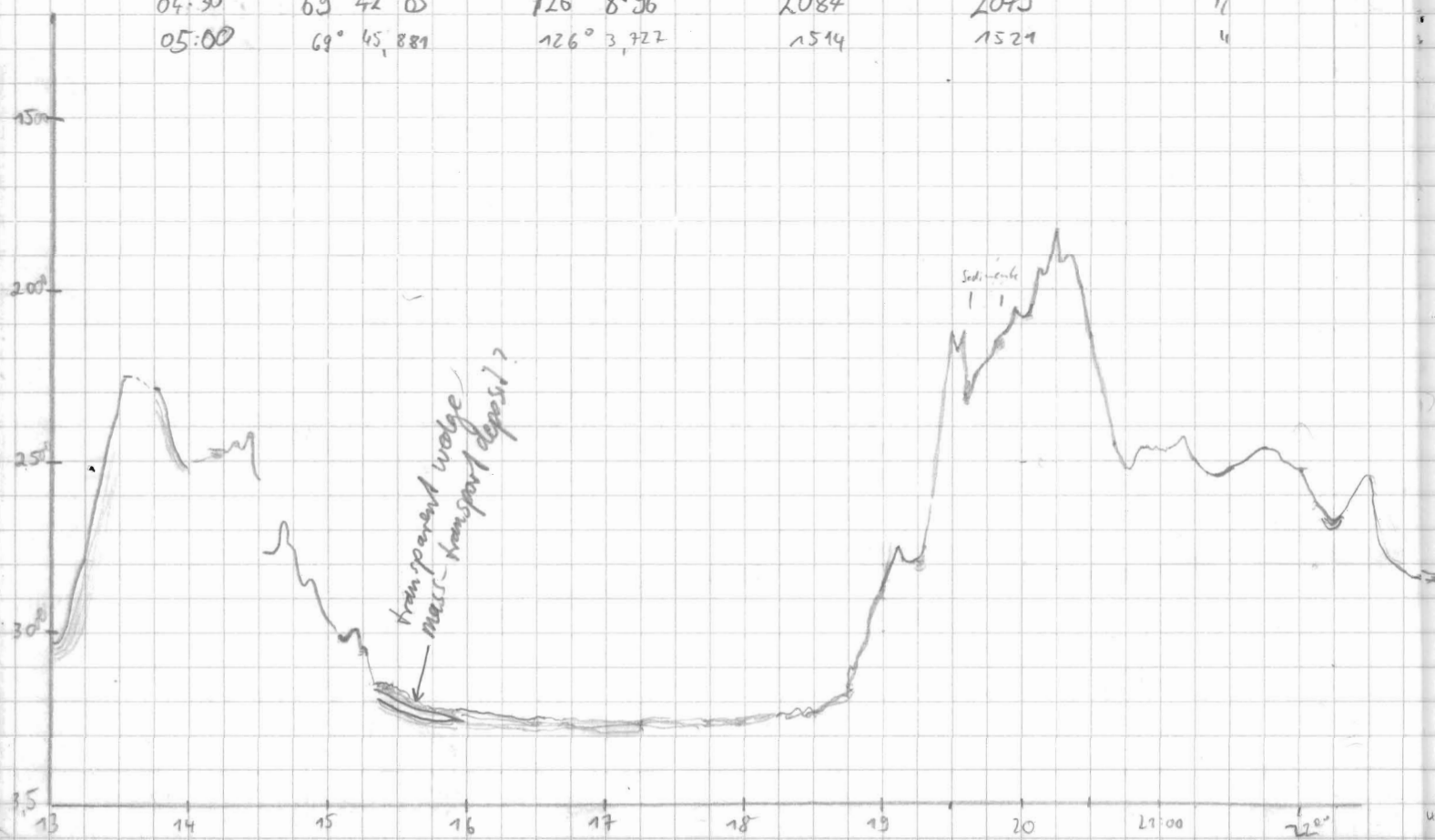


Course watch Comments

158	Geord	mega mind-flow		
160	"	18:14 Standby	OBH	7 (until 12:07)
289	CD			
268	"			
271	"			
274	"			
279	Geord			
111	"	Beginn Station	PS 69/310-1	KOL 20 m
21,8	Silke			
344,4	"	23:25 Ende der Station		
14,0	"			
14,9	"			
14,8	Christina			
11,9	"			
15,7	"			
13,9	"			
12,5	"			
73,7	Terry	Standby 03:32		
-	"			
88,1	"	switched on 04:23		
340	Nick			
338	nich	standby 05:45	Besung	OBH
248	nich	switched on 7:39		
248	n.ck			
249	Maun			
252	"			
247	"			
248	"			
248	"			
249	"			
248	"			
247	"			
250	"			

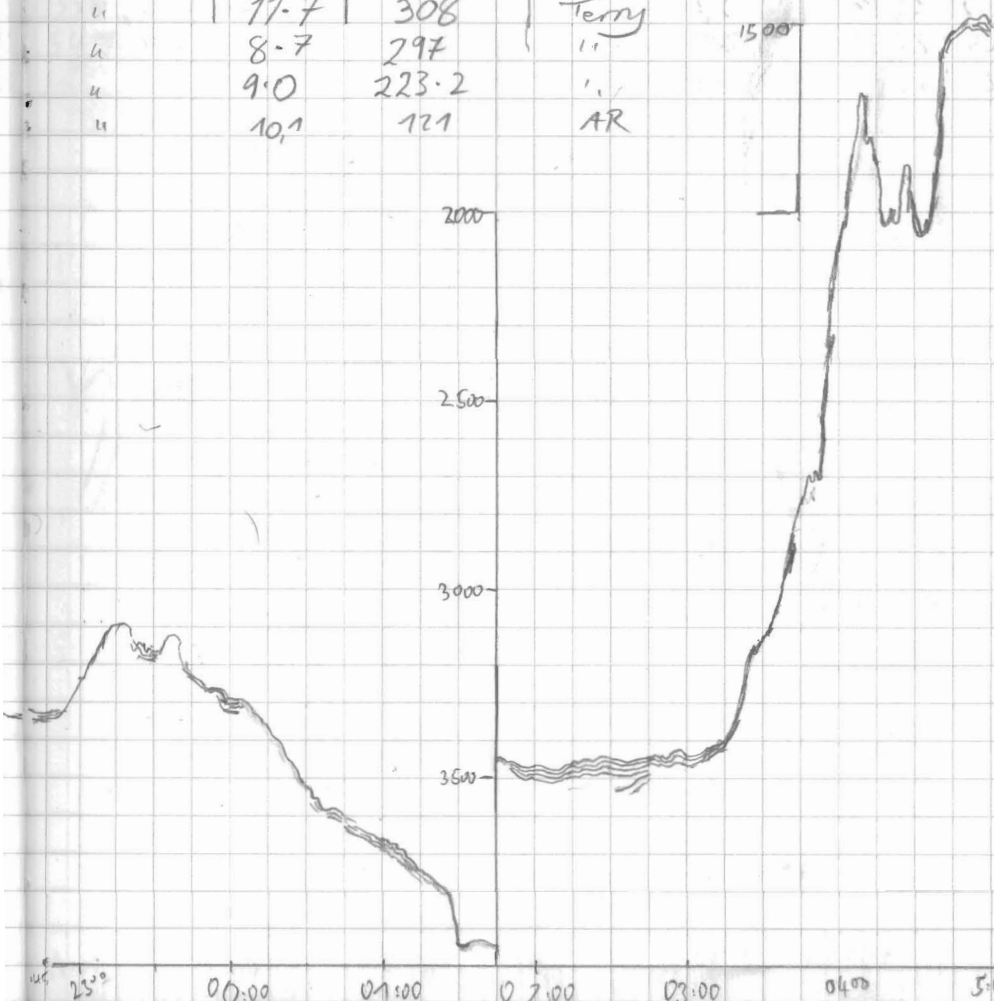


Port	UTC	Lats	Lon W	Depth Ps	Depth HS	Depth range
25.03.06	13:30	70° 35.719'	122° 17.850'	2439	2453	5000
"	14:00	70° 40.444'	122° 17.411'	2502	2510	"
"	14:30	70° 45.541'	122° 17.526'	2577	2597	"
"	15:00	70° 50.385'	122° 17.352'	2966	2978	"
	15:30	70° 54.07'	122° 17.81'	3182	3194	"
	16:00	70° 57.93'	122° 18.47'	3227	3240	"
	16:35	71° 00.64'	122° 24.44'	3243	3254	"
	17:00	70° 59.07'	122° 29.79'	3257	3270	"
	17:22	71° 0.71'	122° 34.71'	3271	3283	"
	17:31	70° 59.77'	122° 31.50'	3259	3272	"
	18:00	70° 55.59'	122° 30.30'	3262	3277	"
	18:31	70° 50.42'	122° 30.03'	3239	3249	"
	19:00	70° 46.10'	122° 27.42'	2874	2883	"
	19:30	70° 41.212'	122° 26.495'	2772	2785	"
	20:00	70° 36.642'	122° 27.310'	2071	2077	"
	20:30	70° 34.253'	122° 35.241'	2132	2138	"
	21:01	70° 33.480'	122° 45.955'	2450	2464	"
	21:30	70° 30.825'	123° 0.652'	2515	2528	"
	22:00	70° 27.795'	123° 12.477'	2511	2522	"
	22:30	70° 24.469'	123° 25.697'	2547	2561	"
	23:00	70° 21.050'	123° 39.347'	2741	2757	"
	23:30	70° 17.489'	123° 53.406'	2641	2655	"
26.03.06	0:00	70° 13.953'	124° 7.385'	2794	2797	"
	00:30	70° 10.464'	124° 21.098'	3032	3046	"
	01:00	70° 6.932'	124° 34.789'	3177	3192	"
	01:30	70° 03.406'	124° 48.778'	3449	3431	"
	02:00	69° 59.868'	125° 02.553'	3491	3504	"
	02:30	69° 56.276'	125° 16.478'	3469	3481	"
	03:00	69° 52.858'	125° 29.743'	3468	3478	"
	03:30	69° 49.01'	125° 44.74'	3136	3165	"
	04:00	69° 45.65'	125° 57.76'	2036	2039	"
	04:30	69° 42.83'	126° 8.36'	2084	2079	"
	05:00	69° 45.881'	126° 3.727'	1514	1521	"



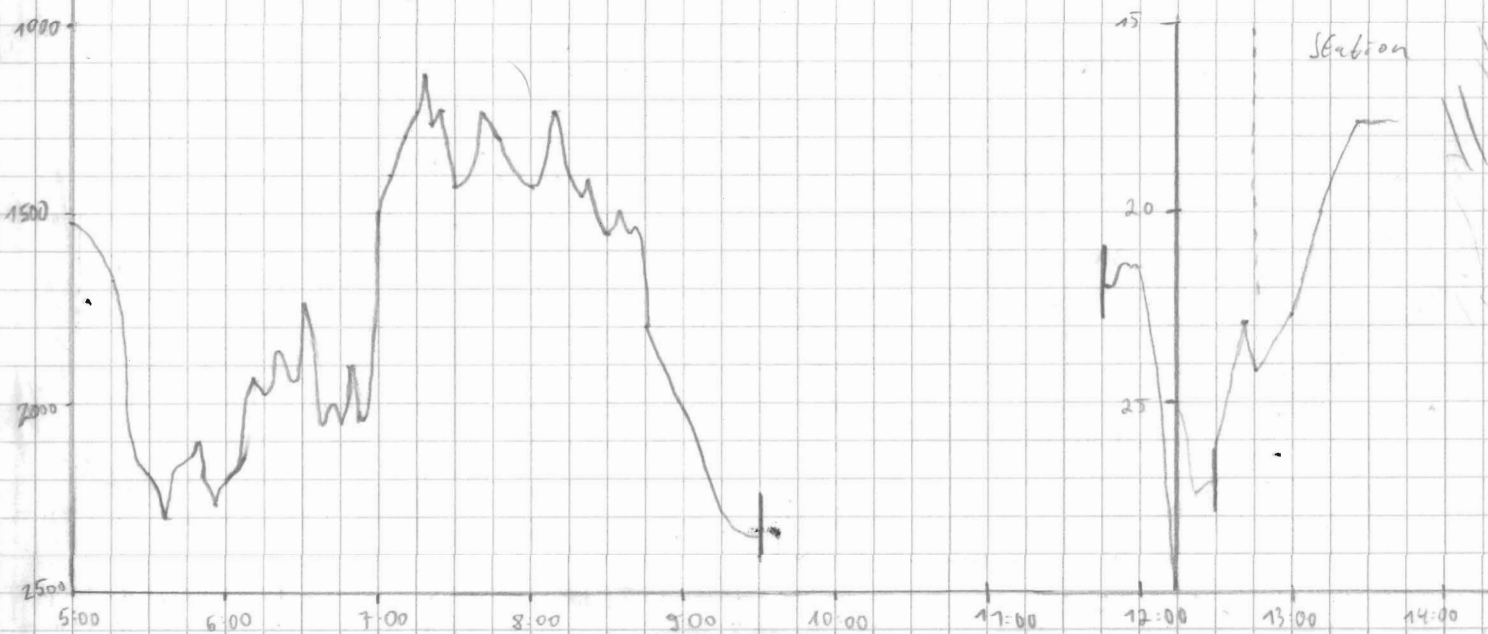
Depth mode speed count watch

Depth mode	speed	count	watch
PAR-Pilot	10.0	245	André
"	10.2	180	"
"	10.2	180	"
"	10.4	180	"
"	4.9	183	Wake
"	8.4	181	
"	4.1	267	
"	0.9	285	
"	7.6	57.2	Christian
"	10.0	44	"
"	3.5	3	"
"	9.7	1	"
"	9.7	350	"
"	9.7	0.7	Martin
"	9.5	348	"
"	1.6	270	"
"	9.8	304	"
"	9.6	308	Sab
"	10.2	308	"
"	11.3	304	"
"	11.6	306	"
"	11.8	307	Gerd
"	11.6	307	"
"	11.6	307	CD
"	12.0	308	Gerd
"	11.8	306	CD
"	11.6	305	"
"	11.8	308	"
"	11.7	308	"
"	11.7	308	Terry
"	8.7	297	"
"	9.0	223.2	"
"	10.1	121	AR

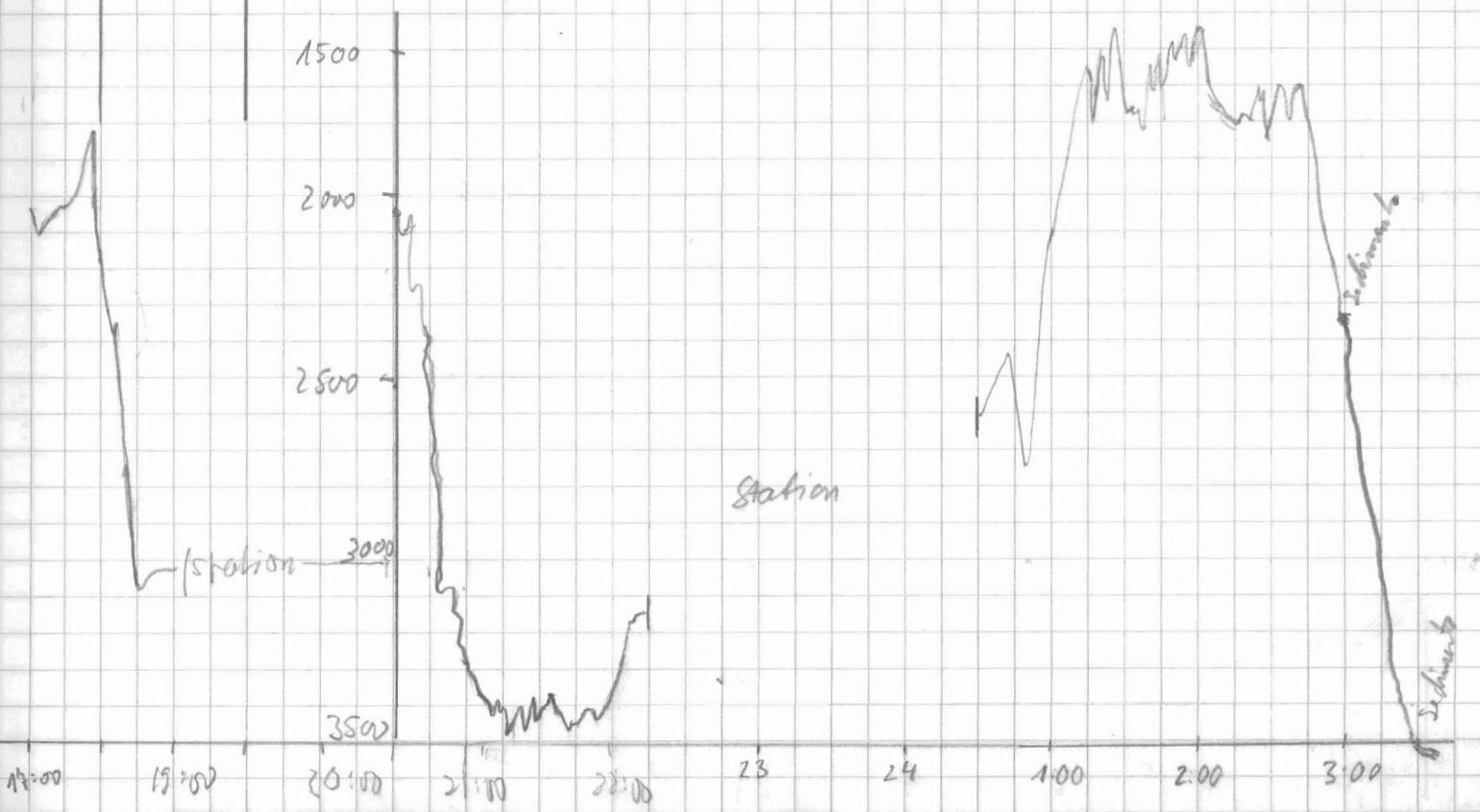


sediment 04.45

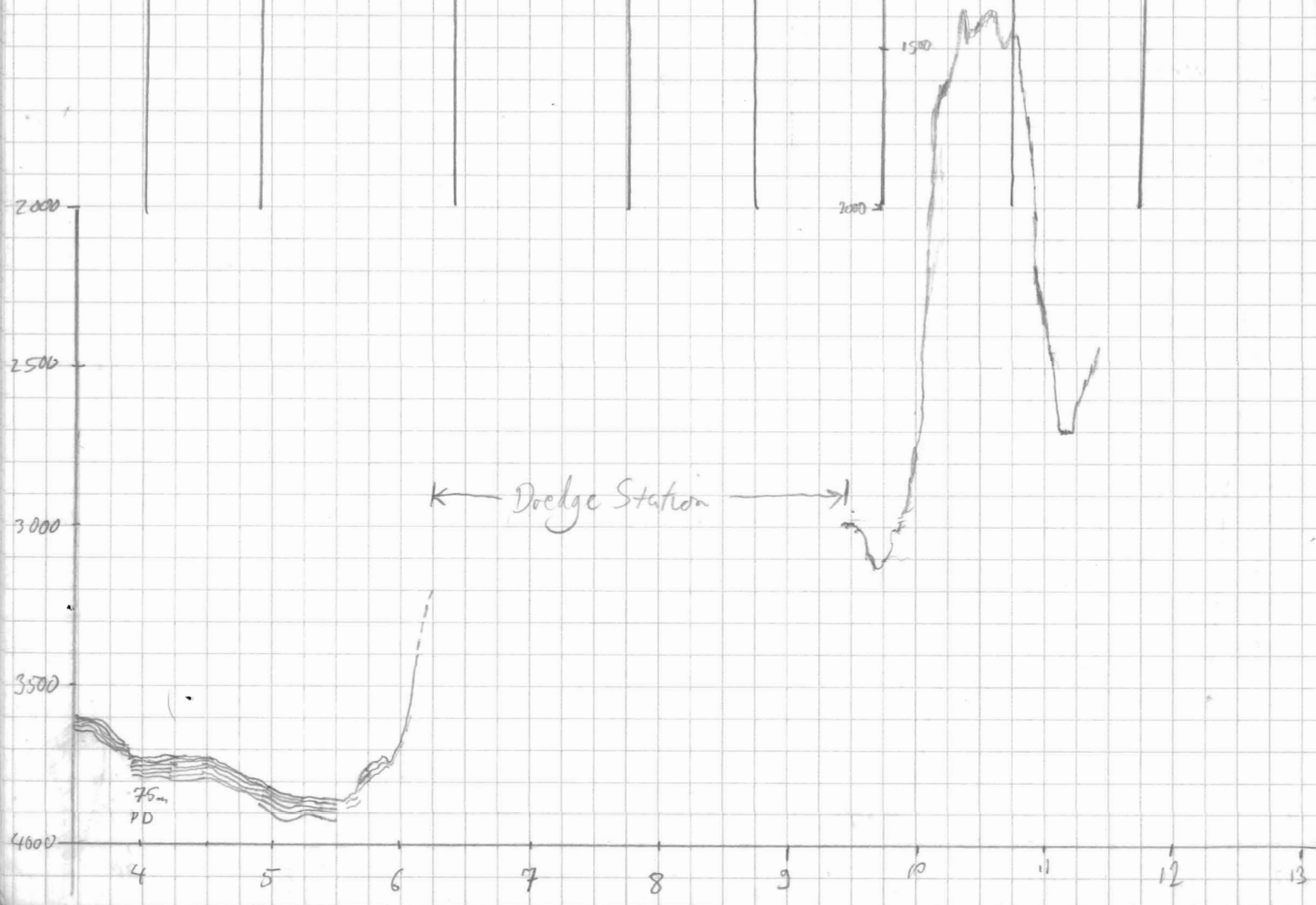
Date 106	UTC	Latitude °S	Longitude °W	Depth PS	Depth HS	Depth Range	Depth Mode	Speed
26.03.06	5:30	68° 50.016	125° 56.307	2164	2208	5000	PAR/PILOT	11
	6:00	68° 51.267	126° 7.227	2196	2239	"	"	10.1
	6:30	68° 49.337	126° 20.490	1626	1721	"	"	10.2
	7:00	69° 47.009	126° 30.428	1481	1486	"	"	9.9
	7:40	69° 43.908	126° 19.763	1400	1468	"	"	10.5
	8:00	69° 45.005	126° 13.316	1414	1422	"	"	10.1
	8:35	69° 49.983	126° 8.891	1547	1554	"	"	10.4
	9:00	69° 50.995	125° 59.782	2073	2090	"	"	8.8
	9:30	69° 52.169	126° 08.101	2439	2457	"	"	2.3
	11:45	69° 50.620	126° 04.308	1703	1712	"	"	4.6
	12:00	69° 49.071	125° 59.902	1634	1635	"	"	10.3
	12:30	69° 47.311	125° 52.854	2605	2613	"	"	3.0
	13:00	69° 47.438	125° 56.736	2285	2304	"	"	2.3
	13:30	69° 47.452	125° 57.643	1785	1770	"	"	0.4
	14:00	69° 47.410	125° 56.572	1800	1819	"	"	0.3
	15:00	69° 47.384	125° 58.263	1640	1652	"	"	0.3
	17:00	69° 47.646	125° 58.391	1539	1574	"	"	5.7
	17:30	69° 44.06	126° 06.54	1646	1638	"	"	10.3
	17:57	69° 42.18	126° 12.25	2525	2513	"	"	2.0
	20:29	69° 43.24	126° 7.04	2010	1996	"	"	10.1
	21:00	69° 41.02	125° 57.378	3249	3249	"	"	10.2
	21:30	69° 38.810	125° 39.819	3412	3430	"	"	10.1
	22:00	69° 36.896	125° 25.914	3359	3377	"	"	10.2
	22:16	69° 36.104	125° 21.793	3151	3149	"	"	2.4
27.3.06								
	00:30	69° 34.6	125° 16.8	2550	2550	"	"	8.1
	01:00	69° 34.08	125° 7.127	2280	2352	"	"	9.6
	01:30	69° 36.185	124° 55.141	1654	1658	"	"	10.5
	02:00	69° 37.411	124° 40.164	1465	1466	"	"	10.6
	02:30	69° 38.329	124° 25.437	1649	1675	"	"	10.4
	03:00	69° 36.267	124° 23.819	2559	2554	"	"	10.0
	03:30	69° 31.521	124° 26.392	3579	3589	"	"	10.5
	17	6°	12°					



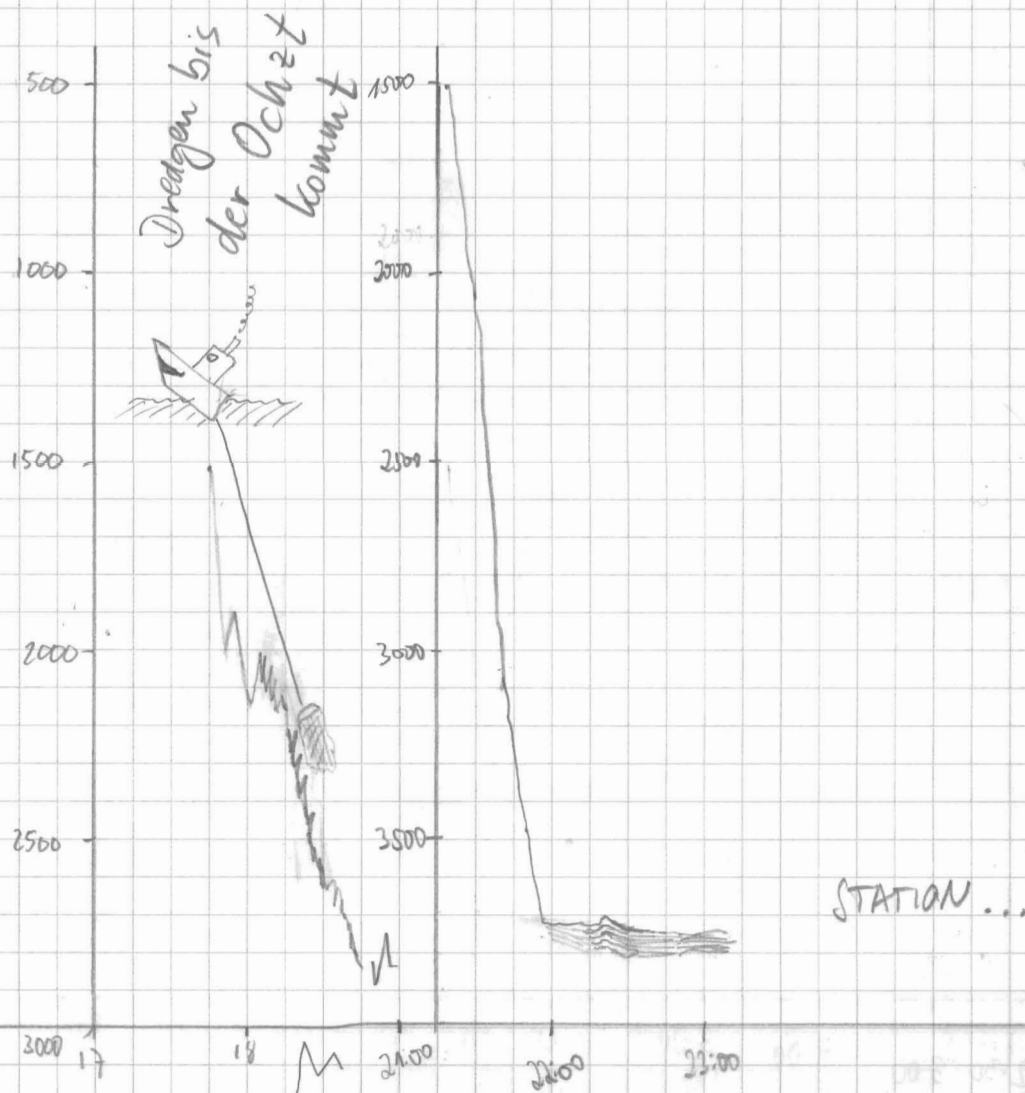
Course	Watch	Comment
178°	AR	
295	"	
299	"	06:59h, 07:07h, 07:08h : 126° 30.429' W:
358	"	! westlichster Punkt, an dem "Polarstern" jemals war!
885	"	
179	"	
104	"	
242	André	
40	"	9:30 Dredge los! Stationsbeginn
30,6	"	Dredge an Deck. Weiterfahrt
60,4	"	
272	"	12:25 Stationsbeginn Dredge
249	Martin	
41	"	
299	"	
275	Nick	15:40 STANDBY
242	Nick	16:58 switched on
323	Mateo	
164	"	Standby => Dredge station
66	Christian	Restart after Dredge station
66	Christian	
67	Mann	22:09 = Stationsbeginn
69	"	Ausstellen: 1. Par/Pilot
53	"	2. PAR+NBS acquisition on
		3. PAR+NBS storage on
47	Geat	00:32 = Stationsende
164	Christina	
109	"	
102	"	
102	"	
350	Geord	
347	"	
10	"	



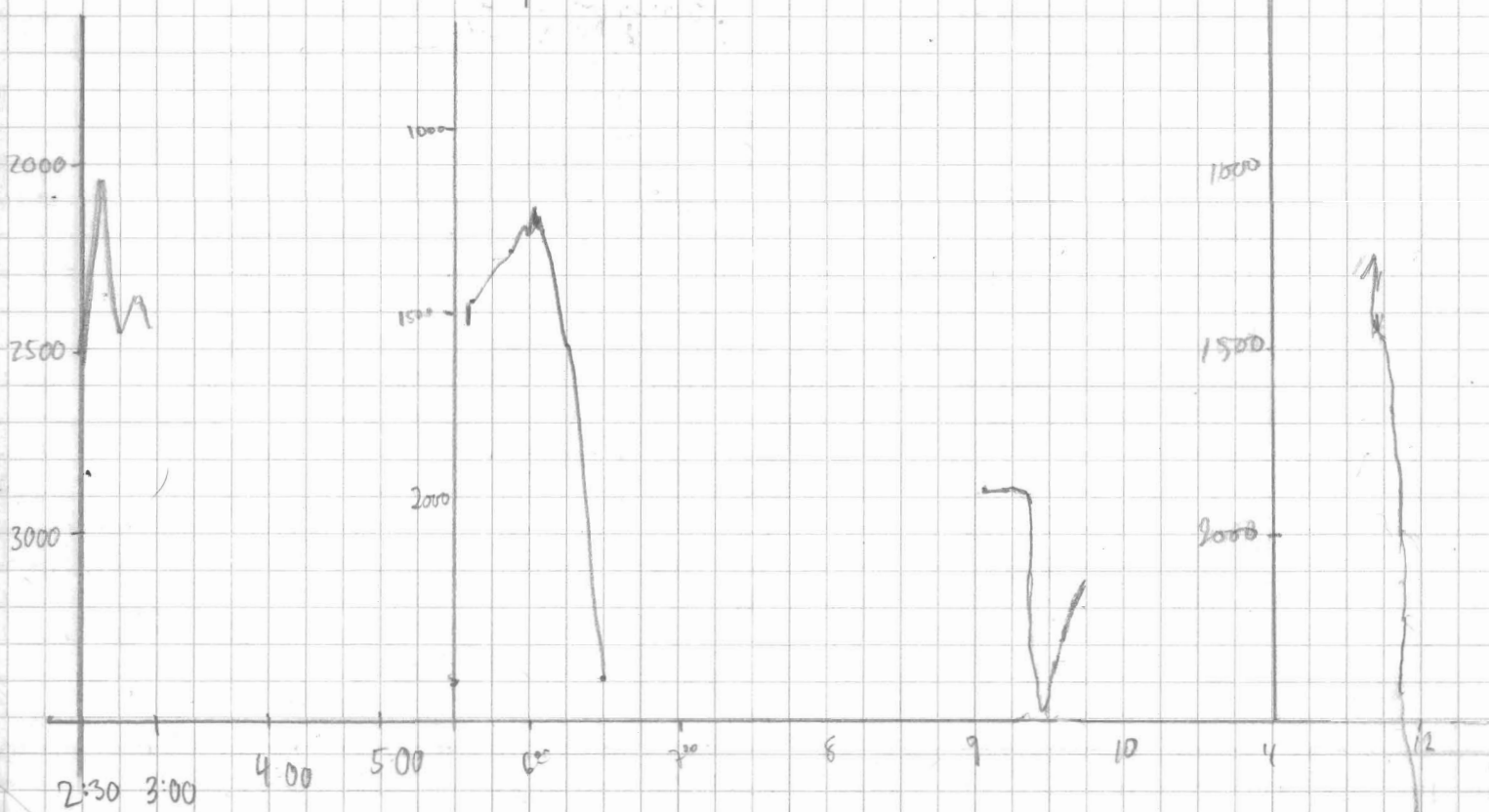
108 Date	UTC	Latitude °S	Longitude °W	Depth PS	Depth HS	Depth Range	Depth Mode	Speed
27.03.06	4:00	69° 26.300	124° 26.986	3728	3744	5000	Par Plot-Minim	9.9
"	4:30	69° 21.307	124° 26.952	3768	3786	"	"	10.4
"	5:00	69° 16.991	124° 18.728	3817	3916	"	"	10.4
"	5:30	69° 12.718	124° 10.141	3889	3901	"	"	10.9
"	6:00	69° 09.066	123° 59.562	3671	3693	"	"	10.4
"	6:20	69° 07.751	123° 54.549	3208	3196	"	"	0.9
"	9:25	69° 06.60	123° 59.74	2989	3019	"	"	0.4
"	10:00	69° 07.18	123° 50.49	2510	2536	"	"	9.6
"	10:30	69° 08.72	123° 36.93	1428	1437	"	"	10.4
"	11:00	69° 10.72	123° 24.17	2346	2327	"	"	10.8
"	11:30	69° 10.82	123° 24.12	2330	2365	"	"	2.0
"	17:45	69° 8.047	123° 12.318	1518	1523	"	"	6.5
"	18:00	69° 9.154	123° 6.634	2126	2116	"	"	9.9
"	18:30	69° 11.528	122° 53.584	2651	2632	"	"	5.8
"	21:19	69° 09.71	122° 52.85	1521	1536	"	"	4.7
"	21:30	69° 09.95	122° 50.23	2084	2054	"	"	9.7
"	22:00	69° 12.46	122° 38.04	3723	3737	"	"	9.8
"	22:32	69° 15.21	122° 24.77	3735	3752	"	"	10.2
"	23:02	69° 17.69	122° 12.49	3736	3753	"	"	10.5
28.3.06	00:00	69° 21.98	121° 53.55	3094	3107	"	"	2.0



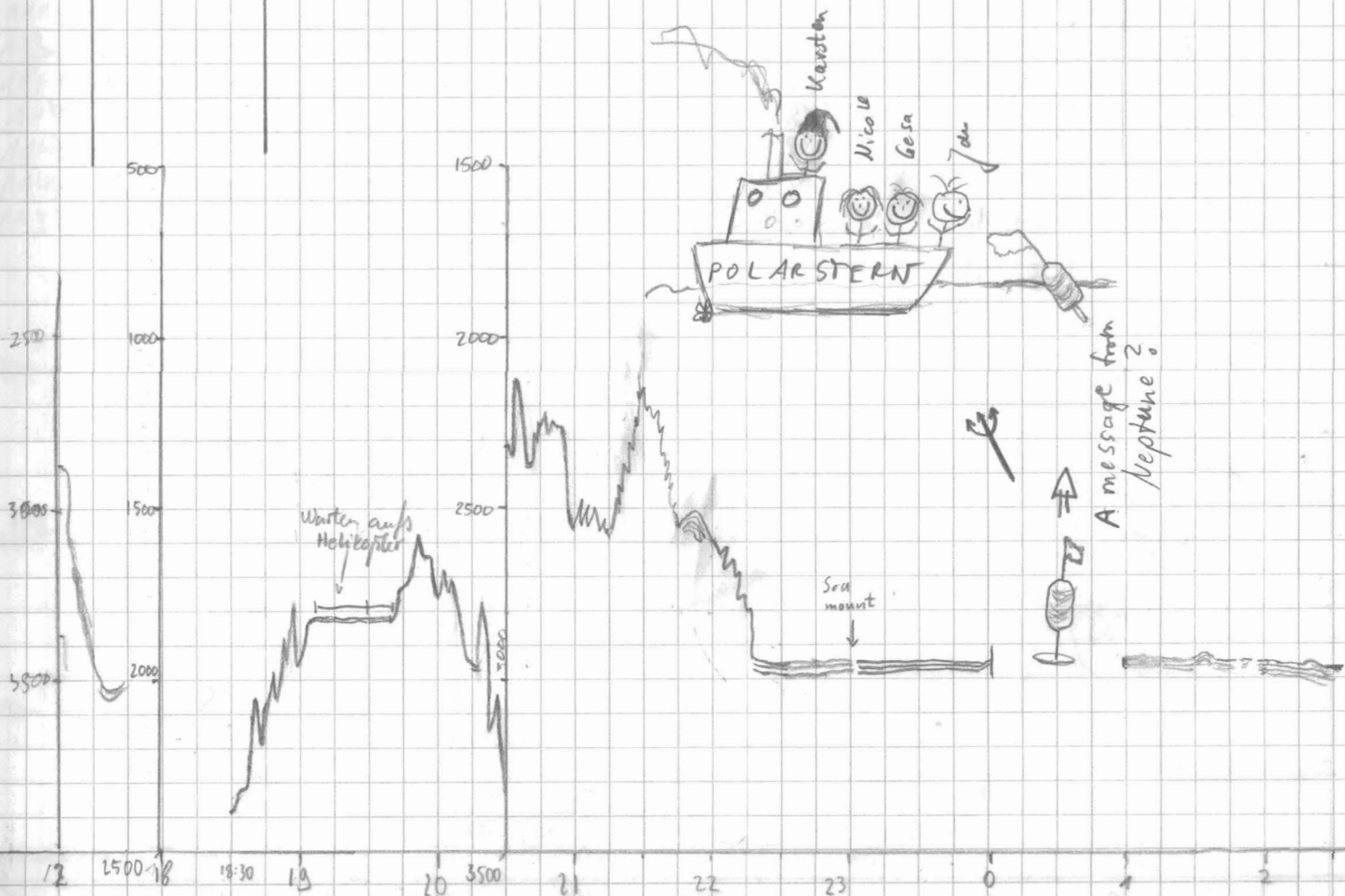
course	watch	comment
359	Gerdt	
3	"	
35	"	Penetration depth ~ 80 m!
37	CD	
56	"	06:09h: no outline PS plot because thrusters are switched on
310	"	06:18h: Dredge station PS 69/316-01; 06:20h: STANDBY
277	Terry	09:24h: Parasound & NBS running
706.7	"	
171	"	
131	"	
314	"	11:30h: STANDBY AS ON STATION PS 69/317-01 Dredge #6
63	Mann	17:18 switched on
125	"	17:22 STANDBY / switched on
113	Wick	18:45 STANDBY
338	Mate	END OF DREDGE STATION
118	"	
121	"	
118	"	
125	Christien	
30	"	01:00 out Standby → Dredge Station PS 69/320-1



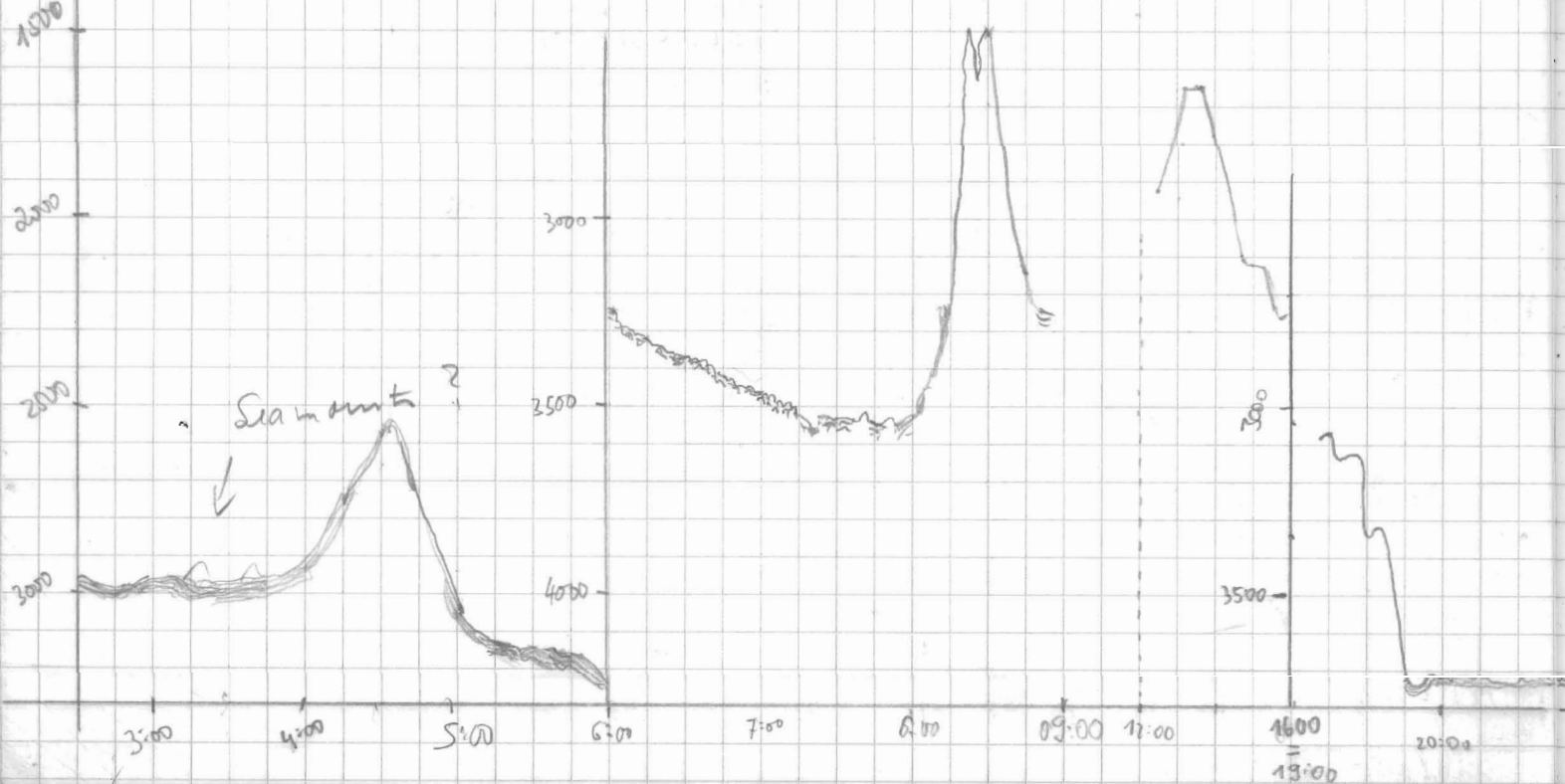
DATE	UTC	Lat °S	Long °W	Depth PS	Depth HS	Depth Range	Depth Mode	Speed
28.03.66	02:30	69° 20.199	121° 52.095	2517	2535	5000	PAR-pilot	8.5
"	03:00	69° 21.373	121° 40.241	2362	2375	"	"	10.0
"	05:37	69° 21.509	121° 31.475	1493	1515	5000	"	0.6
"	06:00	69° 23.958	121° 28.545	1202	1213	"	"	10.3
"	06:30	69° 28.634	121° 22.345	2450	2391	"	"	11
"	09:30	69° 28.37	121° 18.17	2482	2502	"	"	4.4
"	12:00	69° 28.86	121° 13.97	3000	2975	"	"	10.1
"	15:32	69° 28.723	120° 57.075	2126	2159	"	"	9.0
"	15:46	69° 28.280	120° 54.870	1949	2009	"	"	7.3
"	18:30	69° 32.111	120° 48.425	2384	2391	"	"	10.4
"	18:00	69° 36.842	120° 41.898	1925	1942	"	"	10.7
"	19:30	69° 38.763	120° 39.088	1819	1828	"	"	0.9
"	20:00	69° 39.414	120° 35.700	1750	1755	"	"	10.1
"	20:30	69° 44.037	120° 30.152	2314	2308	"	"	10.1
"	21:00	69° 48.728	120° 24.462	2534	2562	"	"	10.0
"	21:30	69° 53.462	120° 18.813	2173	2157	"	"	10.1
"	22:00	69° 58.131	120° 12.544	2642	2688	"	"	10.7
"	22:30	70° 02.840	120° 05.641	2555	2562	"	"	10.4
"	23:00	70° 07.528	120° 02.486	2949	2958	"	"	10.1
"	23:30	70° 11.941	119° 57.783	2950	2959	"	"	10.3
"	24:00	70° 14.566	119° 43.918	2940	2948	"	"	10.1
29.03.	00:57	70° 15.180	119° 41.53	2936	2943	"	"	4.9
"	01:30	70° 11.27	119° 32.86	2943	2951	"	"	10.3
"	02:00	70° 07.11	119° 23.70	2938	2947	"	"	10.3
"	02:30	70° 02.93	119° 14.54	2968	2977	"	"	10.4



Course	Watch	Comment
101	Christina	End of station Dredge 9 → PAR-Pilot
104.3	Martin	3:15 Station Dredge
292	Stef	Station end 05:37
156	"	"
151	"	6:37 Dredge Station
004	Terry	9:08 End of Station
148	"	9:45 On dredge station #12
66	CD	11:36 switched on 12:25 standby
14	Cerd	15:25 switched on 15:46 standby on dredge station #12
155	Mann	
155	"	
204	"	
156	"	
155	"	
158	"	
155	Nick	
151	Nick	
154	Nick	
157	Nick	
158	Andri	
118.5	"	00:07 Stationsbeginn Ankunft OBS 201
281	Matie	end of CTD station and successful recovery of OBH !!!
317	"	
35	"	
38	"	

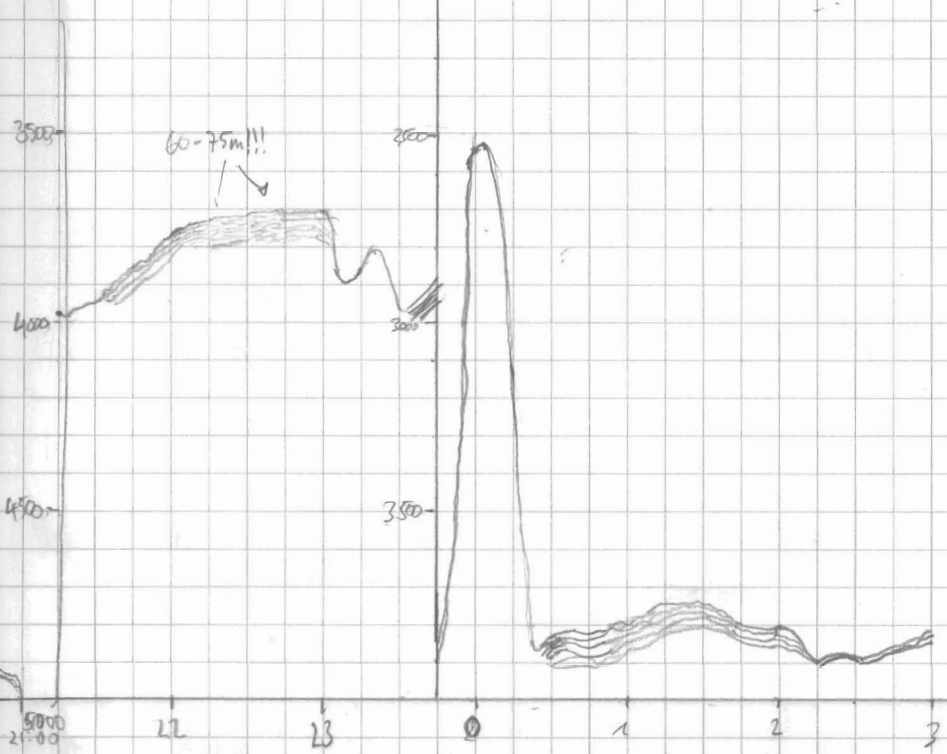


DATE	UTC	Lat °S	Long °W	Depth PS	Depth HS	Depth Range	Depth Mode	Speed
29-03	03:00	69° 58.87	119° 05.45	2945	2954	5000	Par-Pilot	10.2
"	03:30	69° 54.74	118° 56.74	2993	3003	"	"	10.6
	04:00	69° 50.73	118° 48.08	2921	2930	"	"	10.5
	04:30							
	05:00	69° 42.27	118° 29.76	3052	3058	"	"	10.7
	05:30	69° 37.74	118° 20.92	3158	3160	"	"	10.5
	06:00	69° 34.10	118° 12.23	3261	3268	"	"	9.6
	06:30	69° 29.84	118° 03.15	3375	3384	"	"	10.5
	07:00	69° 26.98	117° 54.95	3457	3467	"	"	10.5
	07:30	69° 21.82	117° 46.12	3528	3534	"	"	10.2
	08:00	69° 17.657	117° 37.403	3533	3545	"	"	10.5
	08:30	069° 13.236	117° 34.943	2516	2526	"	"	10.2
	09:05	069° 11.569	117° 37.711	2786	2846	"	"	8.6
	09:30	69° 11.223	117° 26.400	2571	2577	"	"	10.4
	10:00	69° 8.723	117° 14.221	3353	3362	"	"	9.6
	10:00	69° 10.097	117° 07.688	3021	3045	"	"	6.6
	11:20	69° 8.839	117° 04.25	3457	3446	"	"	0.3
	18:32	69° 10.048	117° 7.401	3019	3038	"	PAR	0.4
	19:00	69° 10.140	117° 07.304		3041	"	"	0.7
	19:30	69° 13.305	117° 09.801	3339	3381	"	PAR/Pilot	13.3
	20:00	69° 19.386	116° 57.878	3744	3757	"	"	13.2
	20:30	69° 22.208	116° 41.831	3736	3756	"	"	12.6
	21:00	69° 24.885	116° 24.836	3794	3801	"	"	12.9
	21:30	69° 27.576	116° 7.648	3873	3888	"	"	13.1
	22:00	69° 30.250	115° 50.685	3775	3792	"	"	12.9
	22:30	69° 33.039	115° 32.730	3722	3735	"	"	13.4
	23:00	69° 35.585	115° 16.349	3715	3735	"	"	13.8
	23:30	69° 38.281	114° 58.907	3979	3988	"	"	13.6
30.3.	00:00	69° 40.898	114° 41.562	2558	2564	"	"	13.2
	00:30	69° 43.65	114° 24.342	3817	3836	"	"	13.6
	01:00	69° 46.067	114° 8.798	3799	3813	"	"	13.0
	01:30	69° 49.02	113° 49.72	3737	3755	"	"	13.1
	02:00	69° 51.714	113° 32.161	3813	3825	"	"	13.6
	02:30	69° 54.459	113° 14.264	3868	3881	"	"	13.4
	03:00	69° 57.126	112° 56.855	3800	3817	"	"	12.5



Course	Watch	Comment
39	Mako	NIX
36	Christian	
38	Christian	
3	Christian	
26	Christian	
40	Terry	
34	"	
38	"	06:38 low disk space warning (100MB)
34	"	
34	"	
36.6		
341.7		08:50 Thrusters on, for dredge. Standby
96	Martin	12:03 switched on
34	"	
81	Sep	13:18 56 d by martin
12	CD	15:56 switched on
180	Urd	switched off
305	"	Dredge PS69/328-9
163	CD	
158	AR	19:11 Fahrt aufgenommen = switched on (PAR-PROT)
160	AR	19:45 sediments (approx. 20m)
114	AR	22:50: higeliges Sediment
112	AR	
113	Mann	
114	"	
114	"	
114	Nick	
117	"	
111	"	
113	Nick	
116	Christian	
114	"	
114	"	
114	Norbert	
113	"	

^
^
^

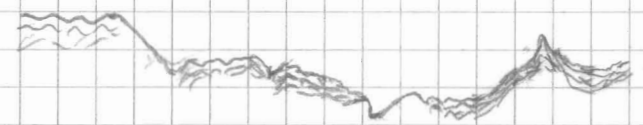


DATE	UTC	Lat ° S	Long ° W	DEPTH PS	DEPTH HS	DEPTH RANGE	DEPTH MODE	SPEED
30.3.06	3:30	69° 59.853	112° 39.044	3673	3686	5000	PAR-PILA	12.9
"	4:00	70° 2.677	112° 20.518	3533	3547	"	"	13.3
"	4:30	70° 5.293	112° 3.175	3478	3493	"	"	12.9
"	5:00	70° 7.644	111° 46.266	3429	3442	"	"	9.5
"	5:30					"	"	
"	9:00	70° 7.40	111° 36.77	3530	3550	"	"	7.8
"	9:30	70° 7.73	111° 24.53	3509	3523	"	"	7.6
"	10:00	70° 5.67	111° 9.82	3523	3589	"	"	11.5
"	10:30	70° 4.46	110° 53.73	3618	3634	"	"	12
"	11:00	70° 3.26	110° 37.71	3624	3638	"	"	17.7
"	11:30	70° 2.05	110° 20.21	3576	3530	"	"	17.6
"	12:00	70° 0.86	110° 3.90	3552	3567	"	"	17.7
"	12:30	69° 59.62	109° 46.20	3677	3627	"	"	13.9
"	13:00	69° 58.16	109° 26.10	3784	3794	"	"	14.0
"	13:30	69° 56.707	109° 05.696	3966	3990	"	"	14.1
"	14:00	69° 55.374	108° 47.102	3957	3973	"	"	14
"	14:45	69° 52.938	108° 13.450	3705	3711	"	"	14.5
"	15:00	69° 52.319	108° 04.720	3957	3940	"	"	14.3
"	15:30	69° 50.82	107° 44.11	3973	3990	"	"	14.3
"	16:00	69° 49.35	107° 23.79	3996	3945	"	"	14.2
"	16:30	69° 47.81	107° 02.49	4059	4059	"	"	14.5
"	17:00	69° 46.45	106° 43.74	4052	4068	"	"	14.2
"	17:30	69° 44.99	106° 28.89	3908	3926	"	"	14.3
"	18:00	69° 43.25	106° 3.24	3765	3776	"	"	13.9
"	18:35	69° 41.74	105° 39.01	3945	3939	"	"	15.0
"	19:00	69° 40.57	105° 22.91	3946	3960	"	"	14.3
"	19:30	69° 39.069	105° 2.699	3968	3975	"	"	14.2
"	20:00	69° 37.616	104° 42.393	3942	3956	"	"	14.0
"	20:30	69° 36.170	104° 22.696	3910	3925	"	"	14.5
"	21:00	69° 34.725	104° 2.833	3886	3907	"	"	13.4

2500

3000

3500



3

4

5

6

7

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9

10

11

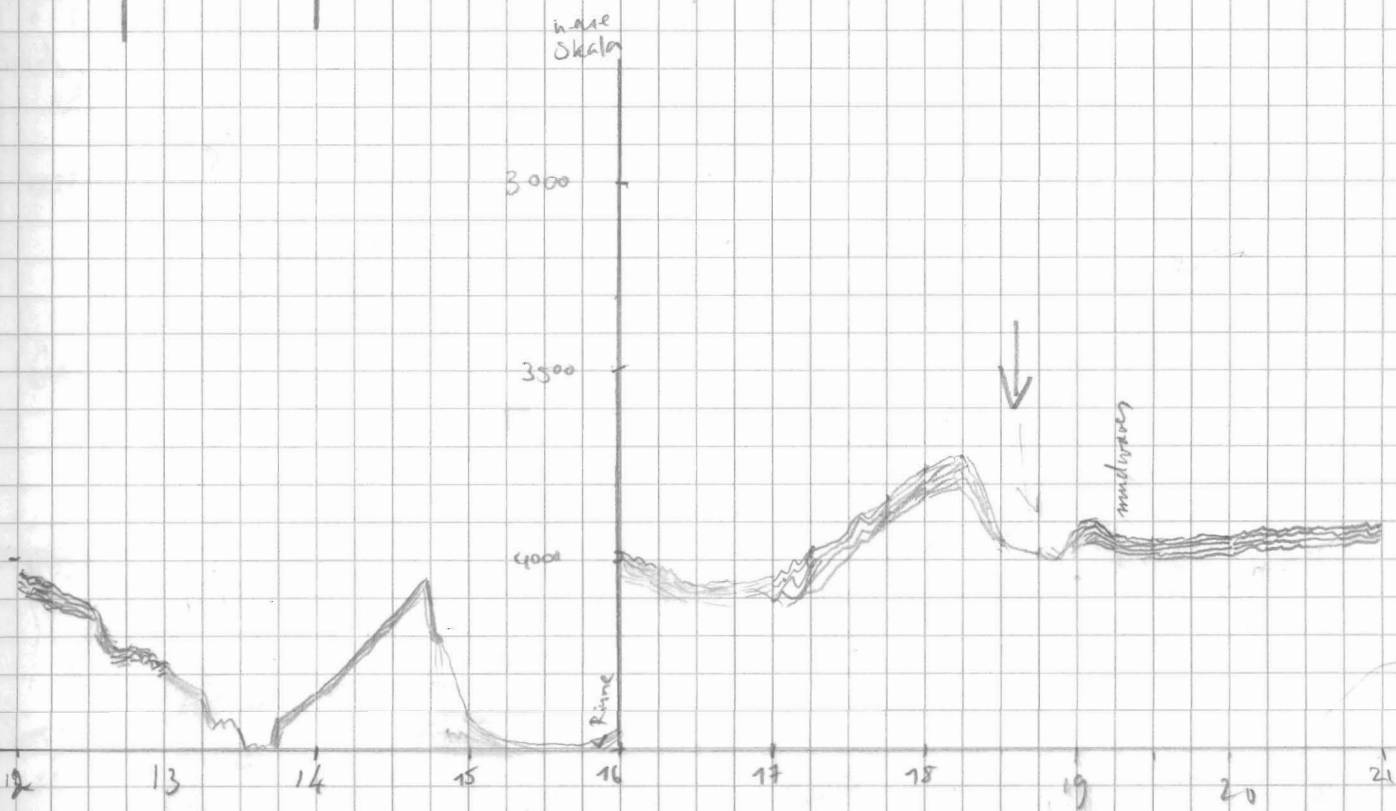
12

COURSE	WATCH	COMMENTS
115.2	Andreas	Eindringtiefe ca. 25m in deutlich geschichtete Sedimente
113.9	"	" " " "
113.6	"	" " " "
97.9	"	" ca 50m " "

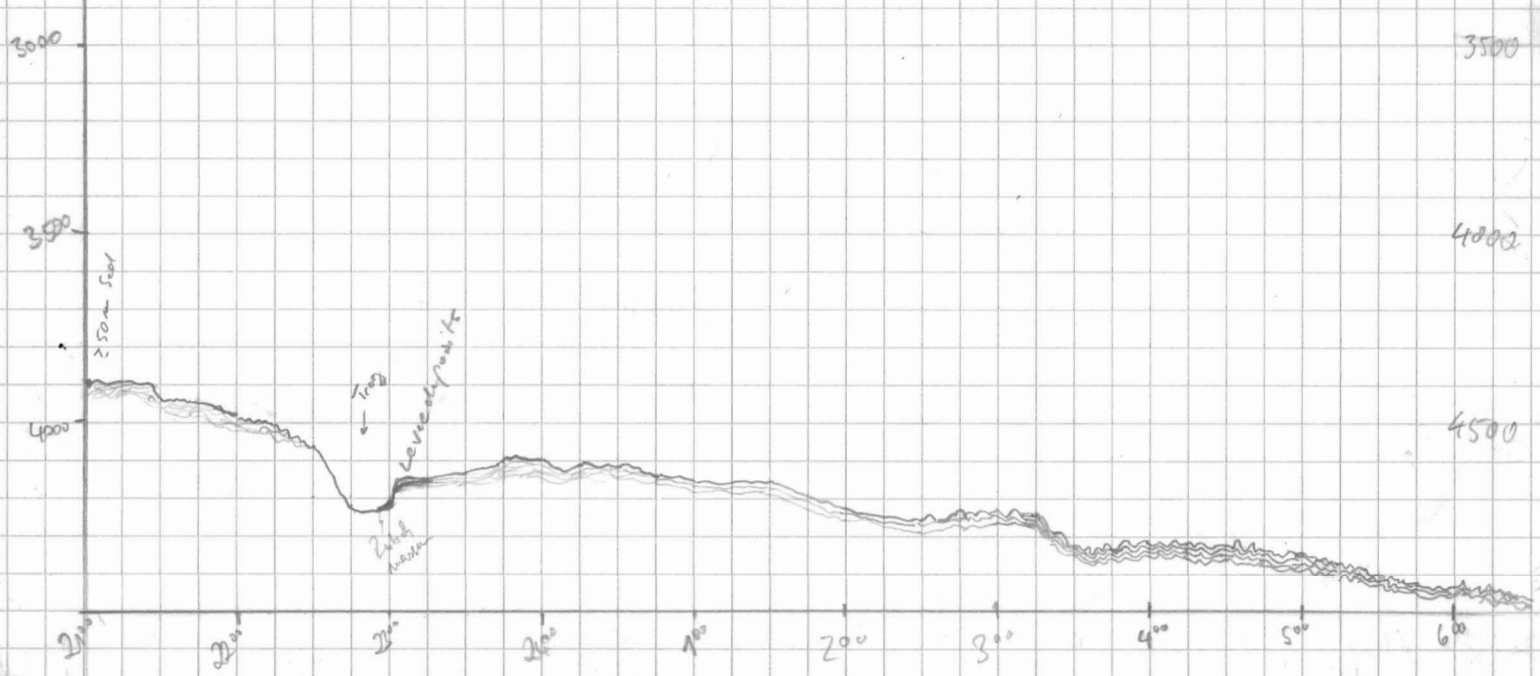
Station (KL) von 5:07 bis

- 86. Terry
- 76. "
- 77. "
- 77. "
- 79. "
- 79. "
- 75. "
- 78. "
- 78. "
- 76. André
- 78. "
- 80. "
- 75. "
- 75. Janna
- 76. Janna
- 77. "
- 79. "
- 78. Christian
- 77. Christian
- 80. Christian
- 80. Christian
- 78. Gerd
- 78. "
- 79. Mannu
- 80. "

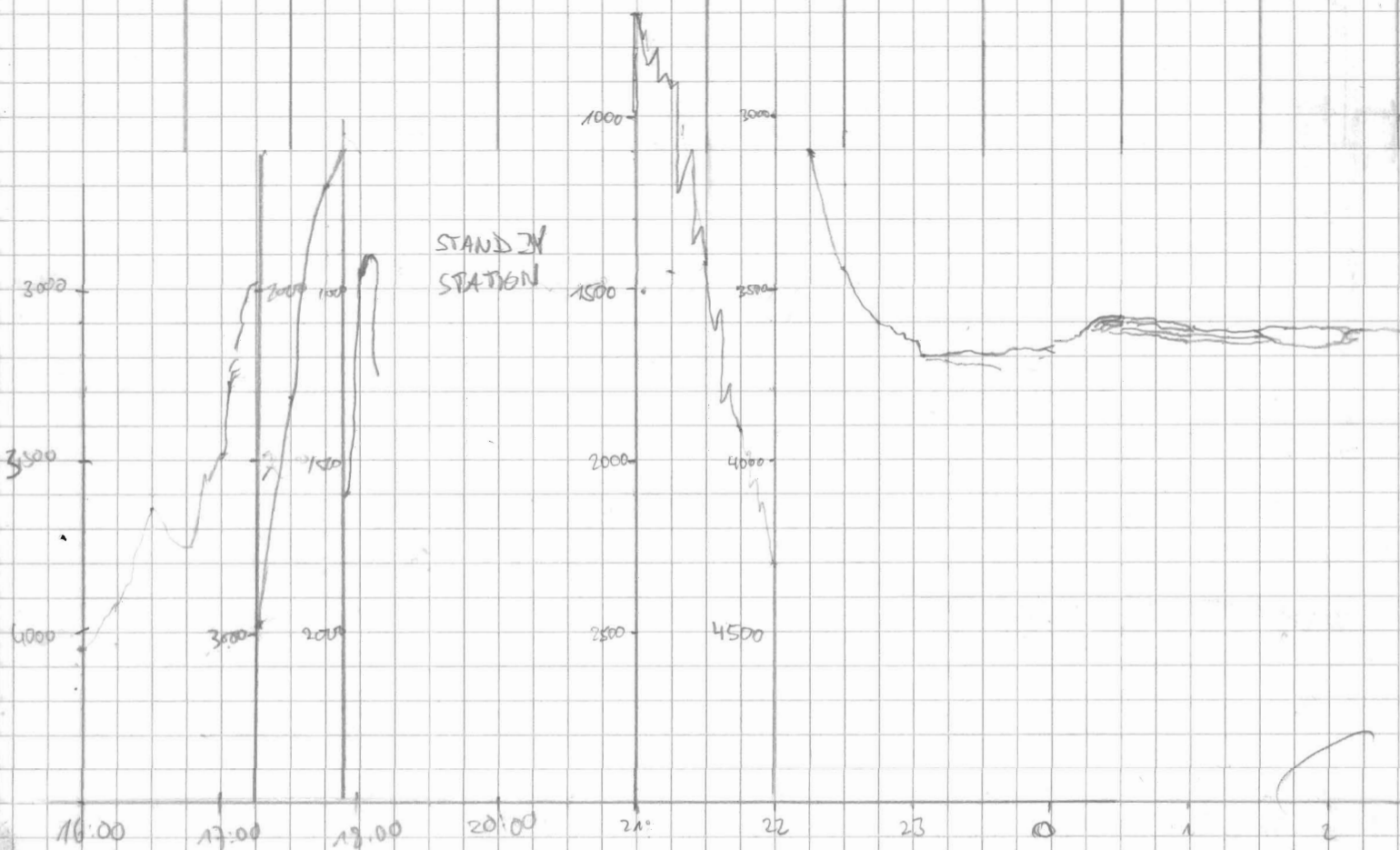
sehr große Eindringtiefe



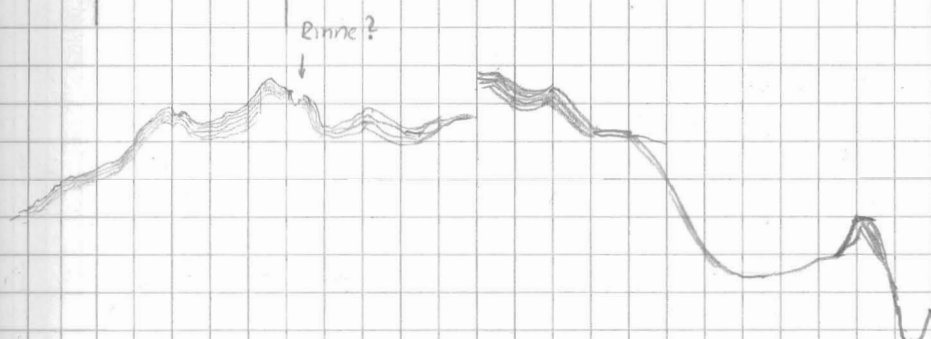
Date	UTC	Lat ° S	Long W	Depth PS	Depth HS	Depth range	Depth mode	speed	course	watch
30.3.06	21:30	69° 33.260'	103° 42.858'	3937	3925	5000	PAR-Pilot	14	80	Manni
	22:00	69° 31.794'	103° 22.818'	3979	3991	"	"	14.8	79.9	"
	22:30	69° 30.329'	103° 2.987'	4071	4084	"	"	14.2	78.4	"
	23:00	69° 28.857'	102° 42.864'	4167	4194	"	"	13.9	79.0	"
	23:32	69° 27.258'	102° 21.156'	4128	4141	"	"	14.8	77.9	"
31.3.06	00:00	69° 25.892'	102° 2.553'	4104	4120	"	"	14	78	"
"	00:30	69° 24.469'	101° 42.574'	4126	4148	"	"	15	77.8	"
"	01:00	69° 23.571	101° 22.108	4175	4181	"	"	14	86	Christy
"	01:30	69° 22.766	101° 1.647	4177	4195	"	"	14	86	"
"	02:00	69° 21.979	100° 41.609	4233	4240	"	"	15	84	"
"	02:30	69° 21.169	100° 21.358	4254	4271	"	"	14.5	82	"
"	03:00	69° 20.370	100° 0.867	4241	4261	"	"	15.4	81.4	"
"	03:30	69° 19.557	99° 40.280	4310	4326	"	"	14.8	83.6	"
"	04:00	69° 18.744	99° 19.686	4308	4330	"	"	14.9	85.2	"
"	04:30	69° 17.900	98° 58.500	4315	4332	"	"	14.3	82.6	"
"	05:00	69° 17.088	98° 38.054	4357	4380	"	"	14.4	83.4	An
"	05:30	69° 16.292	98° 18.060	4408	4425	5000	PAR-Pilot	15.0	83.6	"
"	06:00	69° 15.488	97° 57.730	4428	4454	"	"	14.4	80.4	"
"	06:30	69° 14.686	97° 37.573	4453	4468	"	"	15.1	85.1	"
"	07:00	69° 13.882	97° 17.355	4447	4467	"	"	14.5	86.4	"
"	07:30	69° 13.087	96° 57.291	4438	4457	"	"	13.8	84.9	"
"	08:00	69° 12.280	96° 37.080	4415	4433	"	"	13.7	81.8	"
"	08:30	69° 11.474	96° 16.698	4410	4429	"	"	14.1	84.2	"
"	09:00	69° 10.665	95° 56.582	4447	4467	"	"	14.1	85.0	"
"	09:30	69° 9.852	95° 36.001	4430	4452	"	"	13.8	87	Ge
"	10:00	69° 8.804	95° 15.008	4398	4413	"	"	14.3	83	"
"	10:32	69° 7.930	94° 53.474	4318	4336	"	"	14.1	88	"
"	11:00	69° 7.420	94° 34.949	4169	4184	"	"	14.6	84	"
"	11:30	69° 6.592	94° 14.302	4079	4105	"	"	15.1	84	"
"	12:00	69° 5.781	93° 53.845	4081	4103	"	"	14.8	87	"
"	12:30	69° 4.969	93° 33.465	4143	4146	"	"	14.4	85	"
"	13:00	69° 4.183	93° 14.041	4128	4142	"	"	14.2	82.2	Silke
"	13:30	69° 3.399	92° 54.463	4107	4126	"	"	14.8	83.9	"
"	14:00	69° 2.597	92° 34.468	4138	4156	"	"	14.3	84.3	"
"	14:30	69° 1.795	92° 14.395	4328	4322	"	"	14.0	84.7	"
"	15:00	69° 1.133	91° 57.931	4275	4294	"	"	10.6	83.7	"
"	15:36	69° 0.357	91° 43.546	4171	4176	"	"	10.3	86.9	Andri



118	date	UTC	Lat° S	Long° W	Depth PS	Depth HS	Depth range	Depth made	speed
	31.03.06	16:00	68° 59.92	91° 27.8	4030	4022	5000	Par Pilot	10.4
	"	16:30	68° 58.331	91° 10.98	3743	3769	"	"	9.8
		17:00	68° 59.11	91° 7.84	3471	3480	"	"	10.0
		17:30	68° 58.53	90° 53.34	2370	2321	"	"	10.1
		18:00	68° 58.18	90° 40.122	957	936	"	"	7.0
		21:00	68° 58.009	90° 37.161	684	702	2000	PAR	12.8
		21:30	68° 57.555	90° 17.77	1402	1444	2000	PAR	13.9
		22:00	68° 57.65	90° 02.052	2315	2783	2000	PAR	12.2
		22:30	68° 56.564	89° 04.872	3454	3476	5000	Par Pilot	11.8
	31/03/06	23:00	68° 55.290	89° 28.031	3638	3643	"	"	12.4
		23:30	68° 54.391	89° 11.217	3698	3707	"	"	12.5
	7/4/06	00:00	68° 53.486	88° 54.255	3661	3674	"	"	11.9
		00:30	68° 52.559	88° 36.938	3593	3605	"	"	12.3
		01:00	68° 51.678	88° 20.310	3618	3629	"	"	12.2
		01:40	68° 50.464	87° 57.794	3560	3572	"	"	11.9
		02:00	68° 49.863	87° 46.652	3581	3588	"	"	12.5
		02:30	68° 48.962	87° 30.968	3570	3586	"	"	11.9
		03:00	68° 48.074	87° 13.282	3570	3583	"	"	11.6
	"	3:30	68° 47.213	86° 57.403	3489	3497	"	"	12.1
		4:00	68° 46.326	86° 40.849	3323	3335	"	"	12.2
		4:30	68° 45.406	86° 23.913	3294	3313	"	"	12.9
		5:00	68° 44.512	86° 7.205	3361	3365	"	"	12.5
		05:30	68° 43.556	085° 49.492	3425	3436	"	"	12.9
		06:00	68° 42.621	085° 32.148	3411	3425	"	"	12.4
		06:30	68° 41.673	85° 14.334	3357	3368	"	"	12.2
		07:00	68° 40.791	84° 58.152	3642	3631	"	"	13
		07:30	68° 39.805	84° 40.000	3747	3764	"	"	12.2
		08:00	68° 38.885	84° 22.484	3740	3755	"	"	13.3
		08:30	68° 37.923	84° 05.183	3589	3597	"	"	12.8
		09:00	68° 36.950	83° 47.848	3861	3872	"	"	12.9

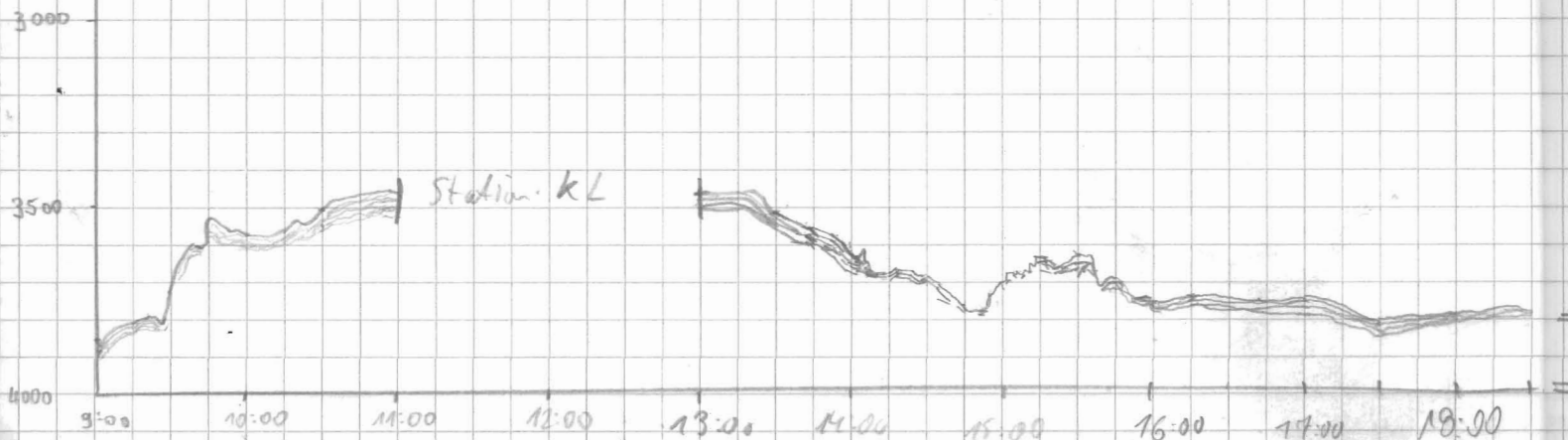


course	watch	comment
85 129.5	Janna	Anstieg auf Peter I Island
86 86	Terry	
236	"	18:07 Thrusters on - Standby mode engaged
87	Mame	switched On
83	Nick	22:02 PAR - Pilot, Depth Range 5000
84	Nick	Bottom Depth source: HS
78	Nick	
79	Jo	
83	"	
79	Card	Triton!
83	"	
83	Katja	
80.6	"	
78.8	"	
81	"	
78.9	"	
83	Kristin	
87	"	
84	"	
78	"	
81.6	Katja	
80.9	"	
79.2	"	
79.1	"	
79.4	"	
82.7	"	
80	"	
83	"	

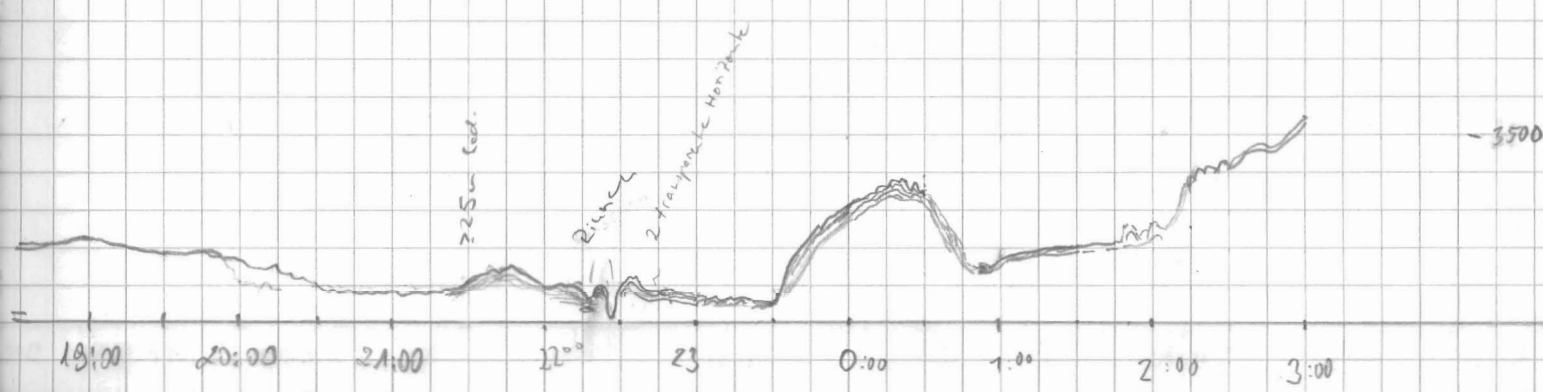


3 4 5 6 7 8 9

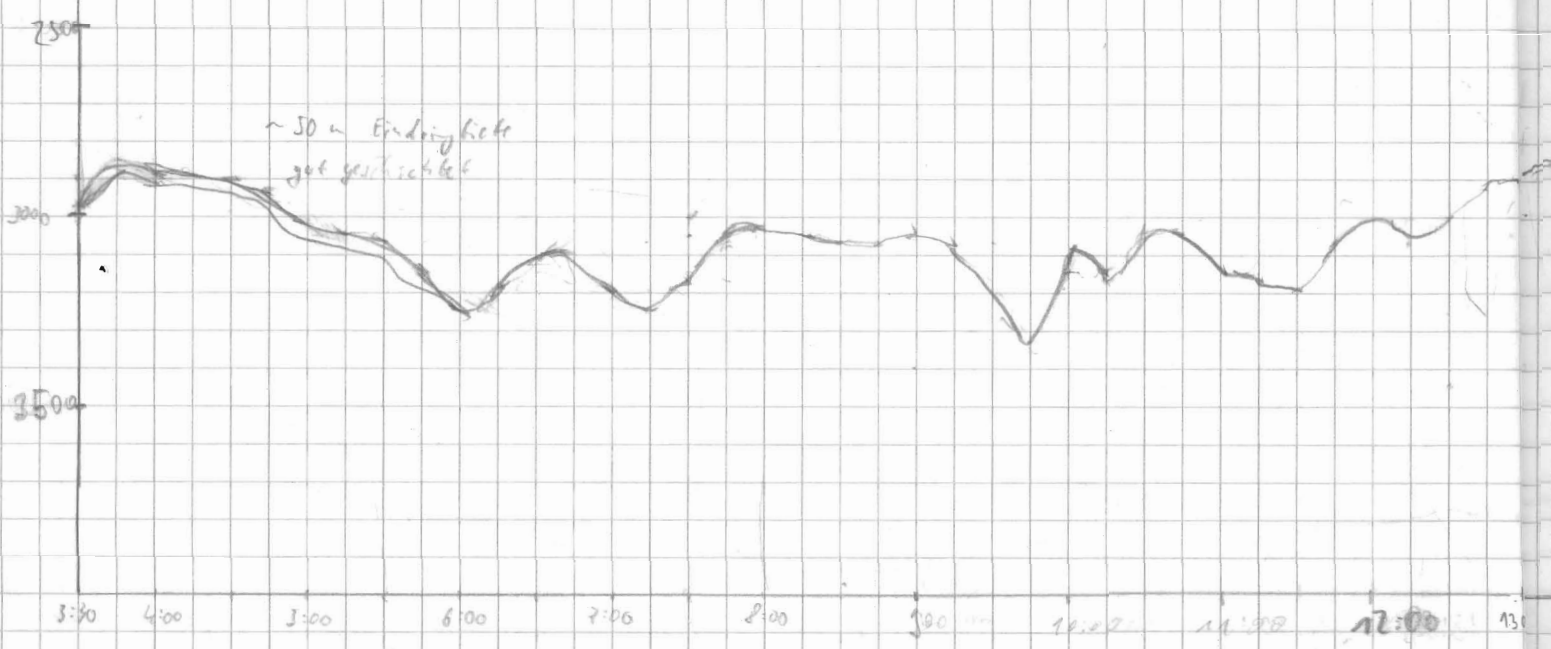
120	date	UTC	Lat ° S	Long ° W	Depth HS	Depth HS	Range	Mode	Speed
	1/4/2006	9:30	68° 36.052	83° 30.812	3740	3764	5000	PAR-Pilot	12.6
"	"	10:00	68° 35.128	83° 13.708	3589	3604	"	"	13.0
"	"	10:30	68° 33.848	82° 57.018	3508	3528	"	"	12.1
"	"	11:00	68° 31.629	82° 44.527	3495	3508	"	"	3.2
"	"	11:31	68° 30.989	82° 33.059	3529	3536	"	"	9.3
"	"	14:00	68° 29.913	82° 27.952	3625	3643	"	"	11.9
"	"	14:30	68° 28.581	82° 13.305	3683	3699	"	"	11.4
"	"	15:00	68° 27.24	81° 58.56	3721	3737	"	"	12
"	"	15:00	68° 25.89	81° 43.81	3684	3699	"	"	17.1
"	"	15:30	68° 25.902	81° 43.765	3683	3700	"	"	10.5
"	"	16:00	68° 24.560	81° 29.160	3771	3785	"	"	11
"	"	16:30	68° 23.139	81° 13.760	3766	3775	"	"	10.7
"	"	17:00	68° 22.133	81° 00.293	3788	3804	"	"	10.9
"	"	17:30	68° 21.684	80° 45.384	3887	3902	"	"	10.8
"	"	18:00	68° 21.222	80° 30.332	3864	3882	"	"	11.2
"	"	18:30	68° 20.772	80° 15.255	3975	3887	"	"	10.4
"	"	19:00	68° 20.317	80° 00.091	3861	3878	"	"	11.1
"	"	19:30	68° 18.908	79° 45.624	3885	3901	"	"	11.0
"	"	20:08	68° 17.078	79° 26.993	3925	3936	"	"	11.3
"	"	20:30	68° 16.081	79° 16.875	3915	3927	"	"	11
"	"	20:57	68° 14.768	79° 3.585	3908	3920	"	"	11
"	"	21:31	68° 13.122	78° 46.839	3907	3919	"	"	10.2
"	"	22:00	68° 11.800	78° 33.378	3878	3891	"	"	10.9
"	"	22:30	68° 10.407	78° 19.214	3917	3933	"	"	11
"	"	23:00	68° 9.035	78° 5.256	3929	3945	"	"	11
"	"	23:30	68° 7.625	77° 51.008	3969	3982	"	"	11
2	1/4/2006	0:00	68° 6.241	77° 36.728	3689	3712	"	"	11
"	"	0:30	68° 4.810	77° 22.538	3660	3647	"	"	11
"	"	1:00	68° 3.408	77° 8.400	3867	3884	"	"	10
"	"	1:30	68° 2.056	76° 54.349	3809	3819	"	"	10.5
"	"	2:00	68° 00.714	76° 41.235	3733	3741	"	"	10.6
"	"	2:30	67° 59.641	76° 30.434	3590	3602	"	"	8.0
"	"	3:31	67° 57.625	76° 10.756	2963	2993	"	"	7.2
"	"	4:00	67° 56.725	76° 7.225	2826	2846	"	"	6.4



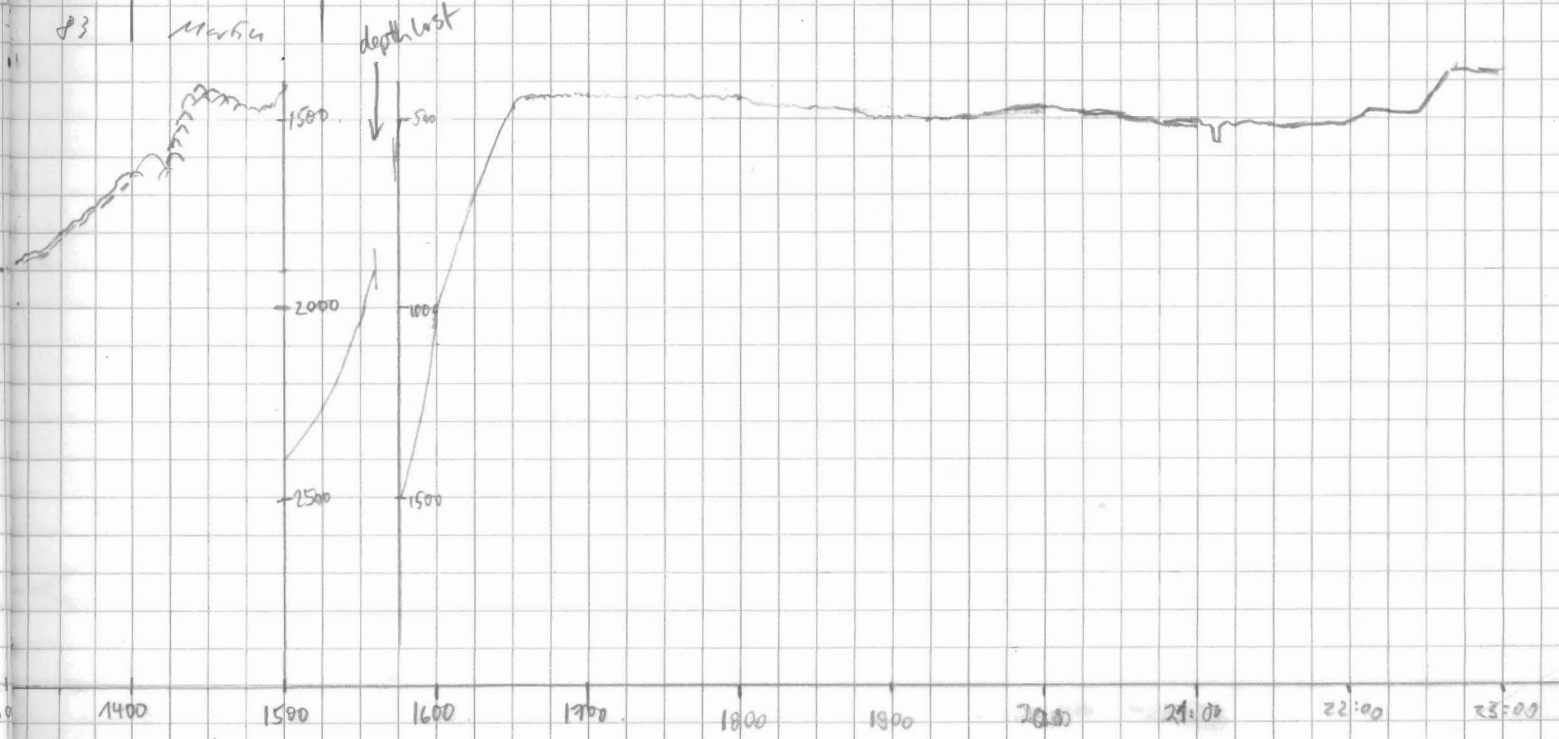
course	watch	comment
79	AR	9:16 "No Respond" NBS/Paran. Sounding ID missing, later normal operation
81	"	10:03 ~ 50m layered sediments
84	"	
78	"	
78	Martin	PAR - Pilot an KL-Station ca. 11 ⁰⁰ 500 13 ⁰⁰
73.5	Andreas	Eindringtiefe ca. 50m
75.2	"	
79	Terry	
74	"	
74	"	
80	Gerd	
74	"	
87	Norbert	Eindringtiefe ca 50m
85	"	
85	"	
87	"	
80	"	
78	"	
72	"	
71	Sick	
76	"	
74.8	"	
72	"	
75	"	
74	"	
74	Gerd	
74	Gerd	
79	"	
76	"	
80.1	Christina	
73.4	LD	
70.5	"	
71	Martin	
78	"	



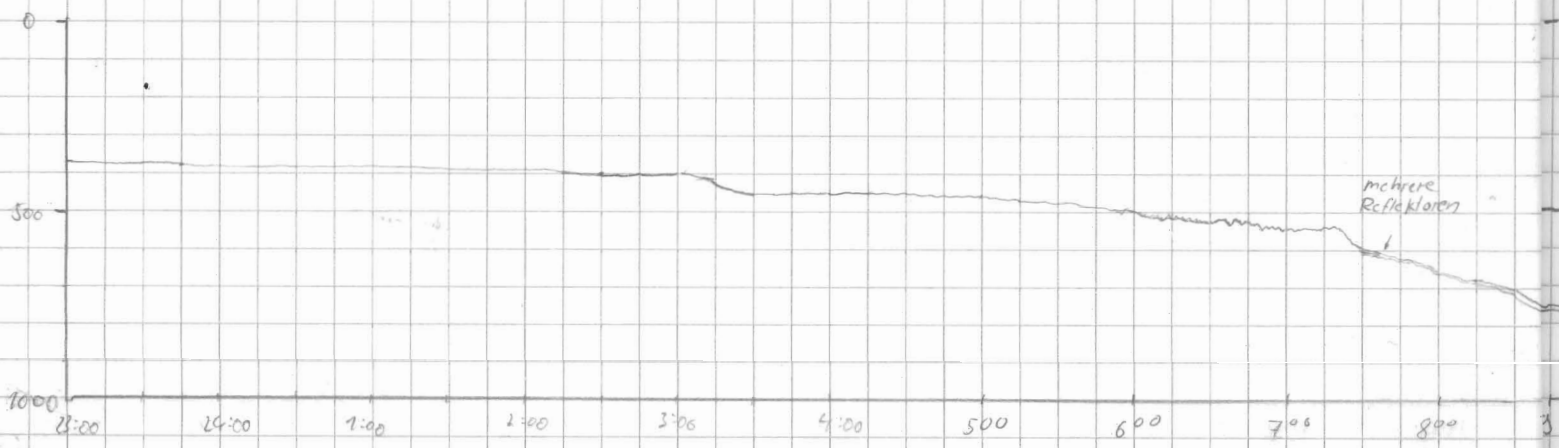
122 date	LTC	Lat °S	Long °W	Depth PS	Depth HS	Range	Mode	Speed
2. 4.	4:30	67° 55.852	75° 52.805	2954	2988			6.8
"	5:00	67° 55.716	75° 44.983	3035	3047	"	"	5.4
"	5:30	67° 54.456	75° 38.332	3087	3087	"	"	5.3
"	6:06	67° 53.788	75° 32.547	3233	3252	"	"	5.3
"	6:29	67° 53.505	75° 28.661	3161	3167	"	"	4.7
"	7:00	67° 52.936	75° 24.104	3203	3221	"	"	4.6
"	7:38	67° 52.469	75° 18.360	3172	3182	"	"	4.2
"	8:00	67° 52.191	75° 15.263	2896	3066	"	"	1.9
"	8:30	67° 51.955	75° 12.341	3061	3068	"	"	2.7
"	9:00	67° 51.613	75° 09.252	3057	3045	"	"	3.5
"	9:30	67° 51.422	75° 06.540	3025	3088	"	"	1.6
"	10:00	67° 50.911	75° 03.744	3102	3131.2	"	"	3.6
"	10:30	67° 50.602	75° 00.89	3144	3144	"	"	2.5
"	11:00	67° 50.252	74° 57.941	3119	3124	"	"	2.2
"	11:30	67° 50.859	74° 54.829	3071	3800	"	"	10.4
"	12:00	67° 50.182	74° 51.023	3220	3007	"	"	4.5
"	12:30	67° 49.518	74° 46.467	2995	3002	"	"	4.3
"	13:00	67° 49.270	74° 41.654	2911	2920	"	"	5.7
"	13:30	67° 48.370	74° 35.991	2842	2808	"	"	4.9
"	14:00	67° 47.729	74° 30.180	2633	2668	"	"	3.1
"	14:30	67° 47.073	74° 24.341	2436	2462	"	"	5.6
"	15:00	67° 46.597	74° 18.774	2426	2424	"	"	6.2
"	15:30	67° 46.002	74° 12.516	2029	2044	"	"	6.7
"	16:00	67° 45.350	74° 6.219	1001	1002	"	"	5.3
"	16:30	67° 44.810	74° 0.511	1076	473	1000	PAR	4.0
"	17:00	67° 43.999	73° 53.974	443	418	"	"	5.5
"	17:30	67° 43.294	73° 46.883	458	460	"	"	5.4
"	18:00	67° 42.548	73° 39.926	475	470	"	"	6.5
"	18:30	67° 41.830	73° 32.557	478	480	"	"	5.1
"	19:00	67° 41.04	73° 25.31	496	496	"	"	5.5
"	19:30	67° 40.56	73° 18.61	493	499	"	"	6.7
"	20:00	67° 41.88	73° 13.76	484	493	"	"	4.6
"	20:30	67° 41.52	73° 7.20	496	495	"	"	5.2
"	21:00	67° 40.95	73° 1.50	508	570	"	"	5.1
"	21:30	67° 40.342	72° 55.502	504	510	"	"	5.0
"	22:00	67° 39.815	72° 50.152	492	501	"	"	4.6
"	22:30	67° 39.257	72° 44.533	469	470	"	"	4.7
"	23:00	67° 38.627	72° 38.475	381	384	"	"	5.4
"	23:30	67° 37.958	72° 32.909	384	383	"	"	5.6



Course	Watch	Comment
88	Marvin	
73	"	habe Eindrücke + gute Zeichnung
76	"	
91	Manu	
83	"	
73	"	
90	"	
106	"	
33	"	
452		starker Seezug → schlechter Signal
88.9	"	
67	Nick	
85.9	Nick	
68	Alib	
6	Nick	
98.5	Nick	
72	Nick	
63	Nick	
65	CD	
73	"	
75	"	
70	Jo	
87	"	
78	"	1535 → repeatedly losing depth : no trace where shown
66	"	1615 Depth range changed to 1000, PAR; 1622 PS twice HS depth
71.6	Silke	
57.3	"	
78.3	"	
79.0	"	
69	Terry	
83	"	
125	"	
78	"	
87	"	
58	AR	21:12 steiler Einschnitt (~30m tief)
70	"	
60	"	
62	"	
83	Marvin	

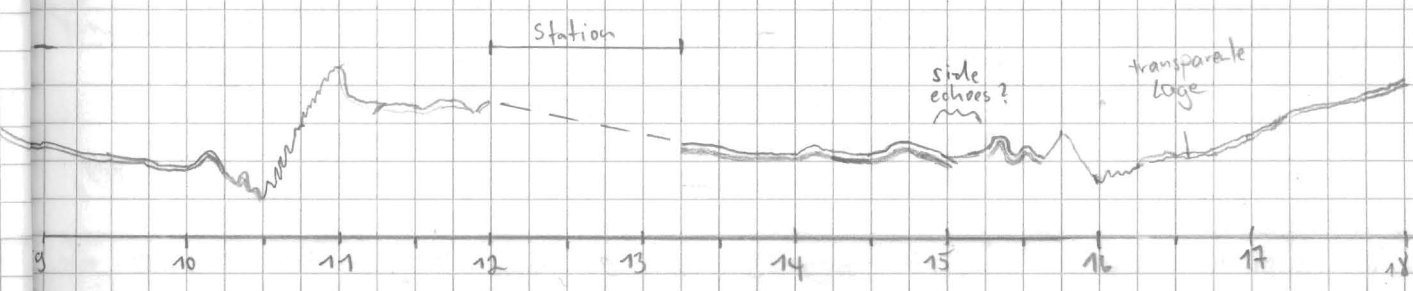


124 date	UTC	Latitude °S	Longitude °W	Depth PF	Depth HS	Range	Mode	Speed
03.04.	00:00	67°37, 293	72° 26, 824	363	362	1000	PAR	3,4
	00:30	67°36, 597	71° 20, 156	377	377	"	"	5,3
	1:00	67°35, 858	71° 13, 336	386	384	"	"	5,6
	1:30	67°35, 230	71° 7, 217	388	389	"	"	5,2
	2:00	67°34, 582	72° 0, 992	396	391	"	"	5,1
	2:30	67°33, 920	71° 54, 595	404	404	"	"	4,7
	3:00	67°33, 297	71° 48, 704	404	407	"	"	4,6
	3:30	67°32, 539	71° 42, 231	431	434	"	"	4,0
	4:00	67°31, 88	71° 35, 97	456	459	"	"	4,6
	4:30	67°31, 12	71° 29, 55	455	458	"	"	4,9
3.04.06.	5:00	67°30, 422	71° 22, 993	455	458	"	"	5,7
	5:30	67°29, 669	71° 16, 021	472	474	"	"	5,7
	6:00	67°28, 893	71° 9, 109	495	497	"	"	6,0
	6:30	67°28, 135	71° 2, 147	523	526	"	"	5,6
	7:00	67°27, 410	70° 55, 561	538	541	"	"	4,8
	7:30	67°27, 216	70° 49, 531	600	596	"	"	3,0
	8:00	67°29, 385	70° 46, 450	652	656	"	"	5,2
3.4.06	8:30	67°31, 211	70° 42, 957	702	706	"	"	4,0
	9:00	67°33, 153	70° 39, 331	765	771	"	"	4,4
	9:30	67°35, 137	70° 35, 711	796	799	"	"	5,3
	10:00	67°37, 083	70° 32, 216	816	819	"	"	4,4
	10:35	67°39, 380	70° 28, 115	862	870	"	"	4,5
	11:00	67°41, 153	70° 24, 889	627	627	"	"	4,6
	11:30	67°43, 084	70° 21, 414	653	652	"	"	6,0
	12:00	67°45, 194	70° 17, 563	659	664	"	"	5,5
	12:16	67°45, 148	070° 15, 715	780	784	"	"	1,3
	13:21	67°45, 000	070° 16, 706	769	771	"	"	4,3
	13:30	67°44, 608	070° 17, 108	767	768	"	"	3,0
	14:00	67°43, 750	070° 17, 739	786	787	"	"	1,4
	14:30	67°42, 775	070° 18, 647	788	786	"	"	1,5
	15:00	67°42, 390	070° 19, 299	794	768	"	"	1,1
	15:31	67°41, 340	070° 21, 563	764	764	"	"	8,4
	16:00	67°37, 92	70° 27, 93	866	870	"	"	8,9
	16:30	67°34, 412	70° 30, 042	796	793	"	"	8,8
	17:00	67°30, 722	70° 40, 45	739	742	"	"	1,0
	17:30	67°28, 74	70° 44, 379	638	643	"	"	3,3
	18:00	67°21, 752	70°44, 708	591	591	"	"	10,5

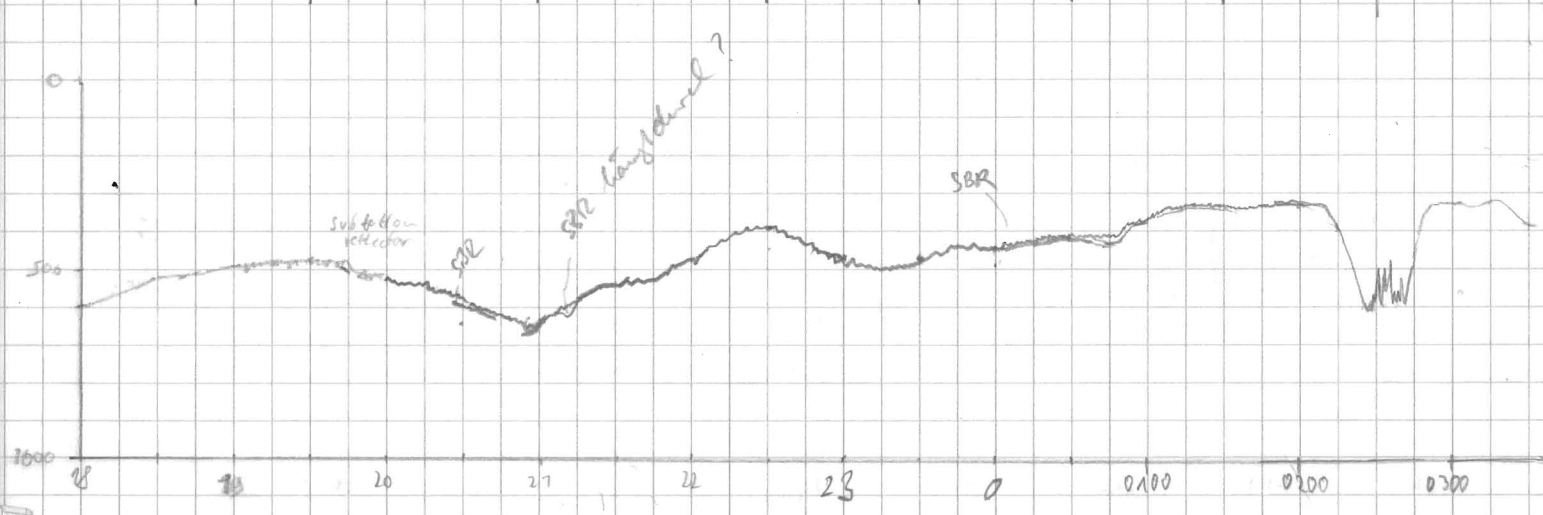


Course	Watch	Comment
58	Martha	
75	"	
83	"	
69	Christina	
65	Martha	
68	"	
71	Katja	
76	"	
77	"	
73	"	
85	Kristin	
79	"	
78	"	
65	"	
63	"	
156	"	
141	"	
144	Andre	
152	"	
142	"	
137	"	
148	"	
150	"	
147	"	
146	"	
146	Make	
342	CD	
344	"	
354	"	
349	"	
197	"	
321	"	
327	Janha	
326	"	
322	"	
5.8	"	
1.3	CD	

→ STANDBY (arrival at Adelaide Island)
 → START in PAR mode

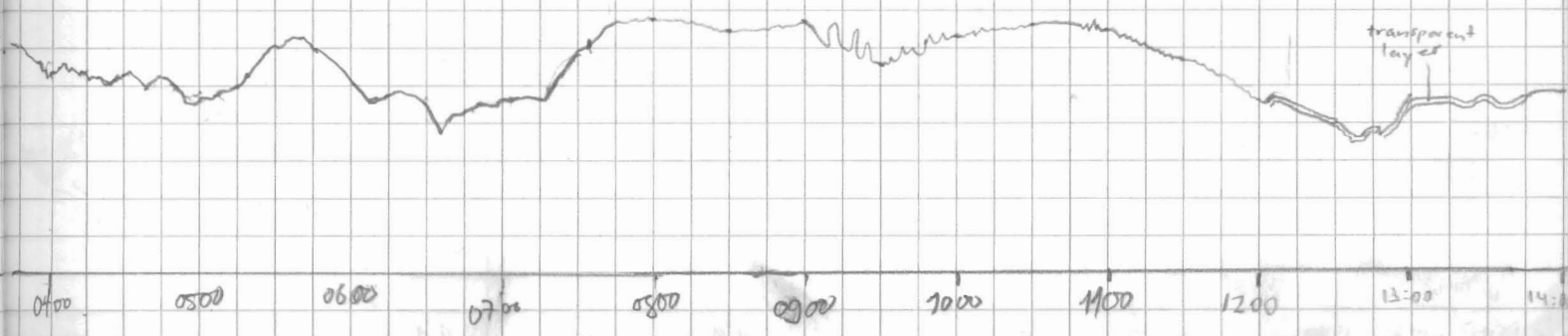


Date	UTC	Latitude °S	Longitude °W	Depth PS	Depth MI	Range	Mode	Speed
126	18:30	67° 46.680	70° 44.415	527	527	1000	PAR	9.6
3.4	19:00	67° 47.667	70° 44.446	502	503	"	"	9.6
	19:30	67° 6.304	70° 43.857	485	487	"	"	10.5
	20:00	67° 7.488	70° 38.576	576	577	"	"	9.6
	20:30	66° 56.435	70° 30.921	576	577	"	"	10.9
	21:00	66° 51.528	70° 23.554	642	648	"	"	10.5
	21:30	66° 46.680	70° 16.324	537	559	"	"	10.5
	22:00	66° 41.944	70° 9.263	482	482	"	"	9.8
	22:30	66° 37.1825	70° 2.268	383	375	"	"	12.0
	23:00	66° 31.816	69° 54.248	485	486	"	"	12.8
	23:30	66° 26.543	69° 46.507	484	489	"	"	12.2
4.4.	00:00	66° 21.124	69° 38.564	462	463	"	"	12.7
	00:30	66° 15.850	69° 30.830	416	418	"	"	12.3
	01:00	66° 10.549	69° 23.106	375	377	"	"	13.0
	01:30	66° 04.964	69° 15.011	344	345	"	"	13.1
	02:00	65° 59.354	69° 06.859	330	331	"	"	13.9
"	02:30	65° 53.718	68° 58.747	571	575	"	"	12.5
	03:00	65° 47.984	68° 50.531	326	328	"	"	12.9
	03:30	65° 41.719	68° 41.568	373	372	"	"	13
	04:00	65° 36.127	68° 33.593	471	471	"	"	13.6
	04:30	65° 30.10	68° 25.07	472	473	"	"	13.2
	05:00	65° 24.78	68° 16.64	533	538	"	"	12.9
	05:30	65° 18.27	68° 8.24	395	397	"	"	14.0
	06:00	65° 12.48	68° 0.70	490	492	"	"	12.6
	06:30	65° 8.85	67° 47.86	543	545	"	"	12.5
	07:00	65° 5.77	67° 35.69	571	575	"	"	12.7
	07:30	65° 1.36	67° 23.55	409	410	"	"	12.6
"	08:00	64° 57.534	67° 11.117	314	311	"	"	13.1
	08:30	64° 54.009	66° 59.688	350	352	"	"	12.6
	09:00	64° 50.402	66° 48.028	336	331	"	"	11.9
	09:30	64° 46.706	66° 36.145	444	444	"	"	12.1
	10:00	64° 43.162	66° 24.757	370	370	"	"	11.6
	10:30	64° 39.568	66° 13.240	339	339	"	"	12.3
	11:00	64° 36.093	66° 2.081	348	351	"	"	11.2
	11:30	64° 32.521	65° 50.709	428	428	"	"	12.3
	12:00	64° 28.949	65° 39.288	540	544	"	"	11.9
	12:30	64° 25.245	65° 27.545	593	598	"	"	12.4
	13:00	64° 21.543	65° 15.805	578	580	"	"	12.5
	13:30	64° 17.850	65° 04.111	587	587	"	"	12.2
	14:00	64° 14.112	64° 52.291	519	513	"	"	12.0

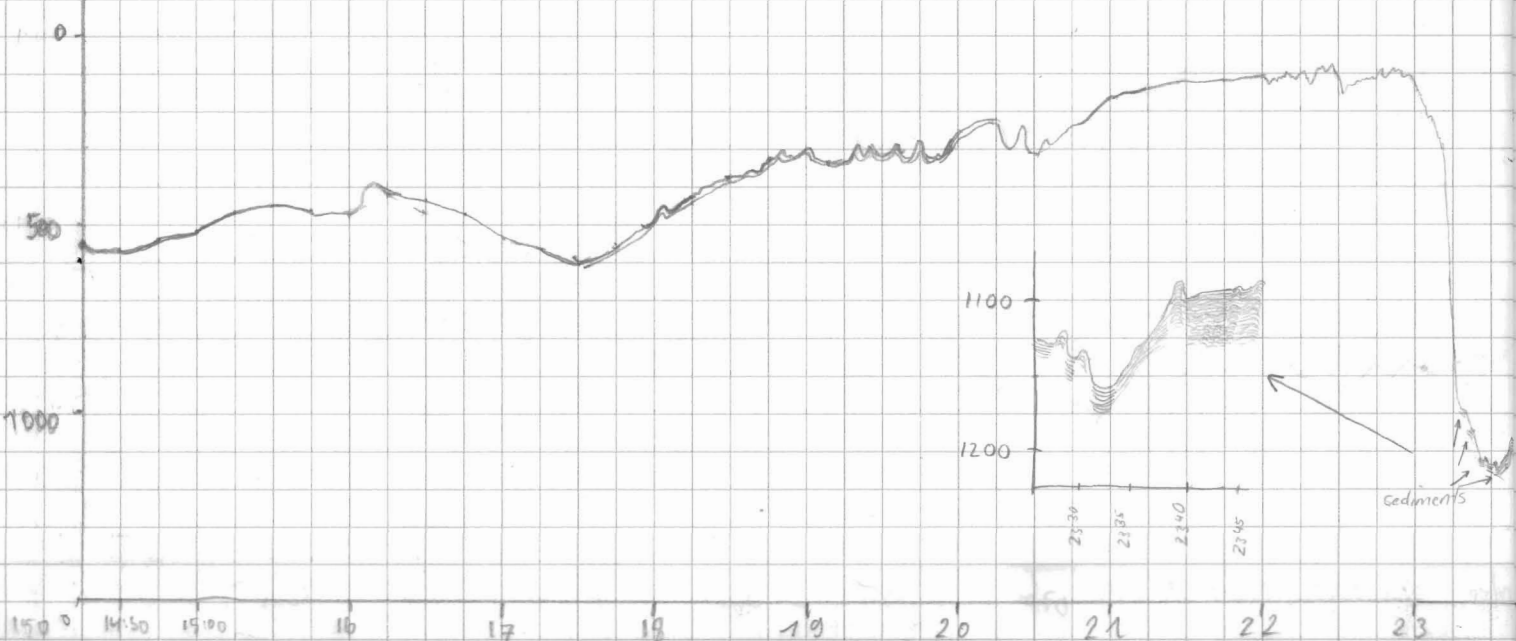


course water course

4.8	maxim
30.8	"
4.1	"
30	"
32	Silke
29.4	Silke
31.2	"
26.2	"
27	Uerd
31.6	"
26	"
33	"
27	CD
33	"
28	"
33	"
33	Jo
32	"
30	"
25	"
30	try
32	"
27	"
55	"
49	"
55	"
57	"
55.2	Silke
55.3	"
53.9	"
56.8	"
56.6	"
55.3	"
51.6	"
53.5	"
51.9	"
53	AR
50	"
53	"
53	"



Date	UTC	Lat° S	Long° W	Depth PS	Depth HS	Range	Mode	speed	course	WWT
4.4.2006	14:30	64° 10.294	64° 40.303	561	559	1000	PAR	12.5	60	Mann
"	15:00	64° 4.970	64° 28.255	513	509	"	"	13.3	54	"
"	15:30	64° 2.535	64° 16.095	457	458	"	"	12.5	53	"
"	16:00	63° 58.75	64° 04.061	457	458	"	"	13	55	Nick
"	16:30	63° 55.025	63° 52.322	447	445	"	"	12.4	56	Nick
"	17:00	63° 51.224	63° 40.561	531	523	"	"	12.9	53.7	Nick
"	17:30	63° 47.882	63° 27.775	598	593	"	"	12.9	62	Nick
"	18:00	63° 44.789	63° 14.611	455	500	"	"	13.1	62	Nick
"	18:30	63° 41.800	63° 1.916	377	381	1000	PAR	12.6	61.5	Andre
"	19:00	63° 38.808	62° 49.216	309	298	"	"	6.2	60.1	"
"	19:30	63° 36.718	62° 41.303	302	309	"	"	8.4	63.5	"
"	20:00	63° 35.177	62° 34.010	269	269	"	"	8.4	59.4	Kate
"	20:30	63° 33.274	62° 26.006	305	303	"	"	8.7	57.3	"
"	21:00	63° 31.484	62° 18.445	181	181	"	"	8.2	57.5	"
"	21:30	63° 29.940	62° 11.937	143	141	"	"	6.9	60	"
"	22:00	63° 28.304	62° 05.074	118	117	"	"	6.8	63	"
"	22:30	63° 26.827	61° 58.832	122	117	"	"	6.9	64	Kristin
"	23:00	63° 25.149	61° 51.839	120	119	"	"	8.0	61	"
"	23:30	63° 23.234	61° 43.808	1139	1152	"	"	8.3	61	"
5.04.06	0:00	63° 21.228	61° 35.440	1040	1048	"	"	8.5	63	"
"	0:30	63° 19.200	61° 26.950	1152	1156	"	"	8.6	61	Chris
"	1:00	63° 17.305	61° 19.097	1144	1148	"	"	7.9	64	"
"	1:30	63° 15.451	61° 11.301	1061	1066	"	"	8.7	64	"
"	2:00	63° 13.704	61° 4.010	1030	1042	"	"	7.2	65	"
"	2:30	63° 11.876	60° 56.441	866	873	"	"	8.0	62	Andri
"	3:00	63° 10.079	60° 48.978	693	694	"	"	7.3	63	Andri
"	3:30	63° 8.139	60° 41.991	638	700	"	"	8.7	65	Andri
"	4:00	63° 6.415	60° 33.802	628	629	"	"	8.2	65	Andri
"	4:30	63° 3.97	60° 25.90	698	707	"	"	8.7	45	Terry
"	5:00	63° 4.24	60° 19.50	835	838	"	"	7.3	50	"
"	5:30									"
"	6:30	62° 52.49	59° 58.29	894	885	2000	"	9.2	48	"
"	7:00	62° 49.44	59° 50.95	528	525	"	"	9.6	47	"
"	7:30	62° 46.25	59° 43.32	1269	1272	"	"	9.3	49	"
"	8:00	62° 43.06	59° 35.50	1426	1429	"	"	9.7	48	"
"	08:30	62° 39.74	059° 27.68	1384	1398	"	"	9.7	48	Mark
"	09:00	62° 36.28	059° 19.48	1412	1424	"	"	10.8	49	"
"	09:30	62° 32.64	059° 10.87	1343	1358	"	"	10.4	47	"



ck

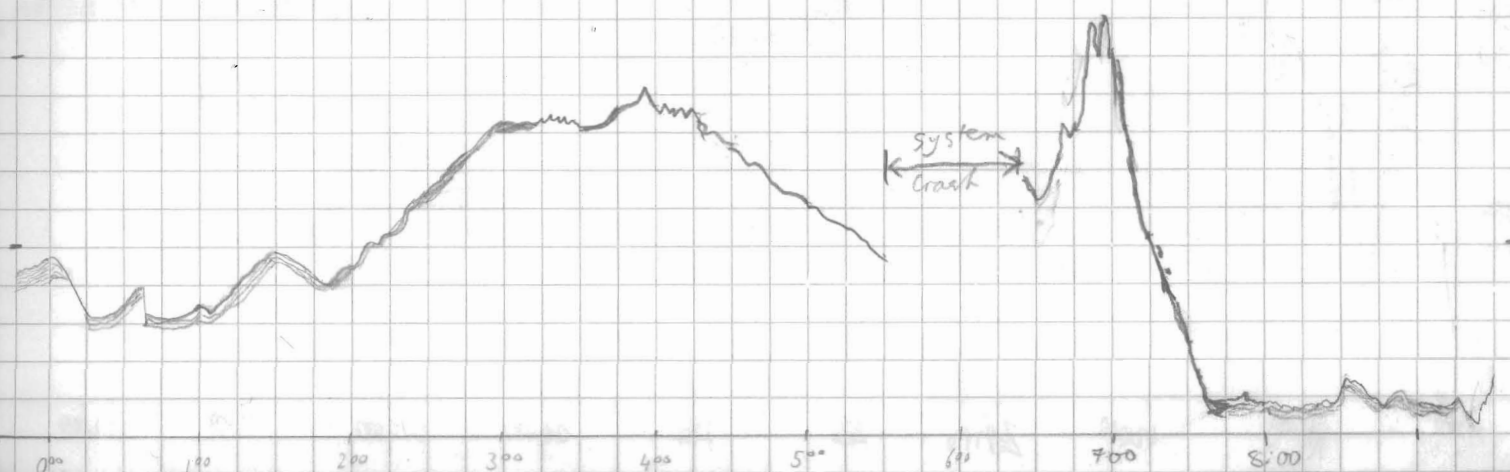
5 Dünne Sedimentschicht, Percolierung ca. 10m

find ab 23³⁰ Sedimente mit bis zu 50m Eindringung

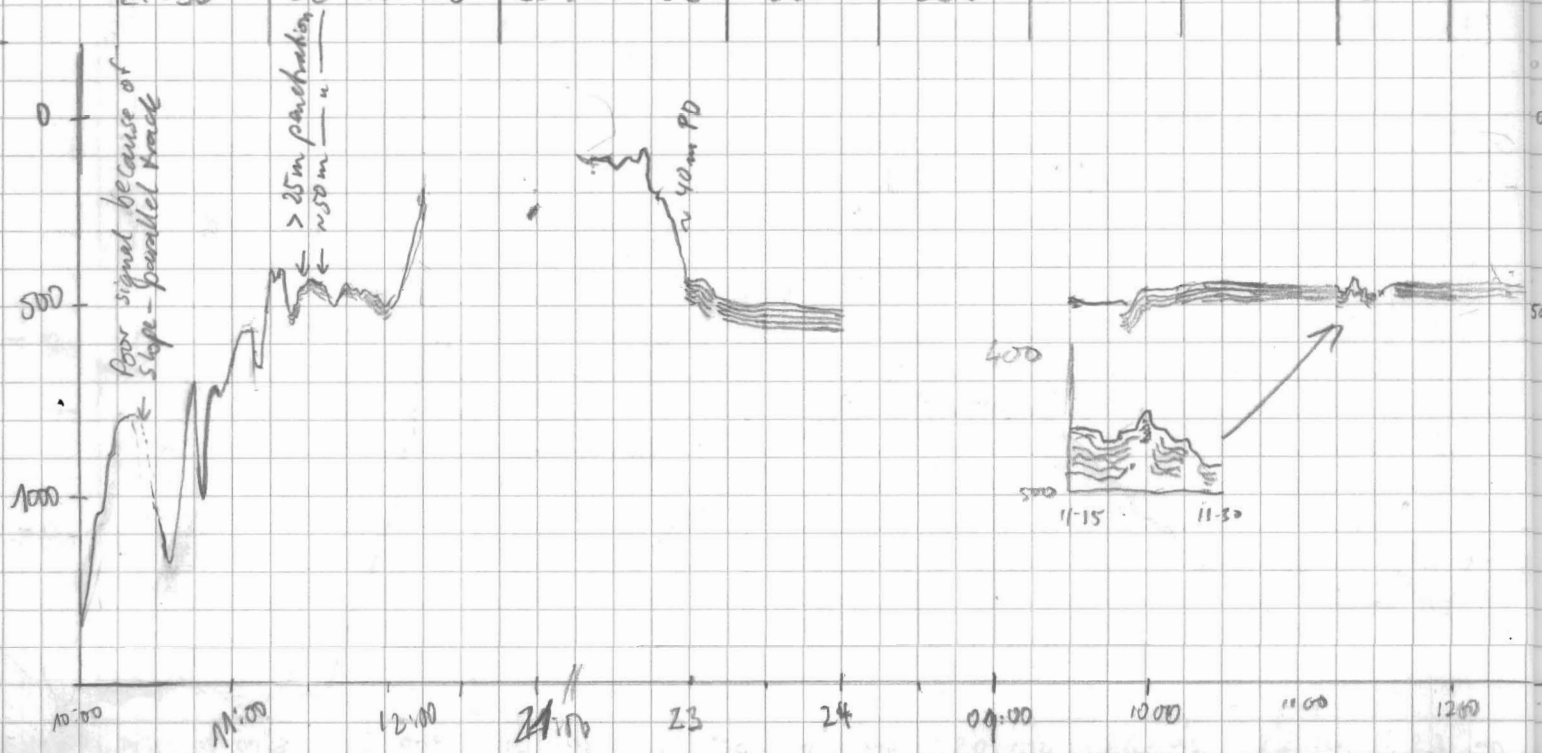
System crashed 5:31
Working 06:26

sediment 07:45

08:36 → Online print turned off and on

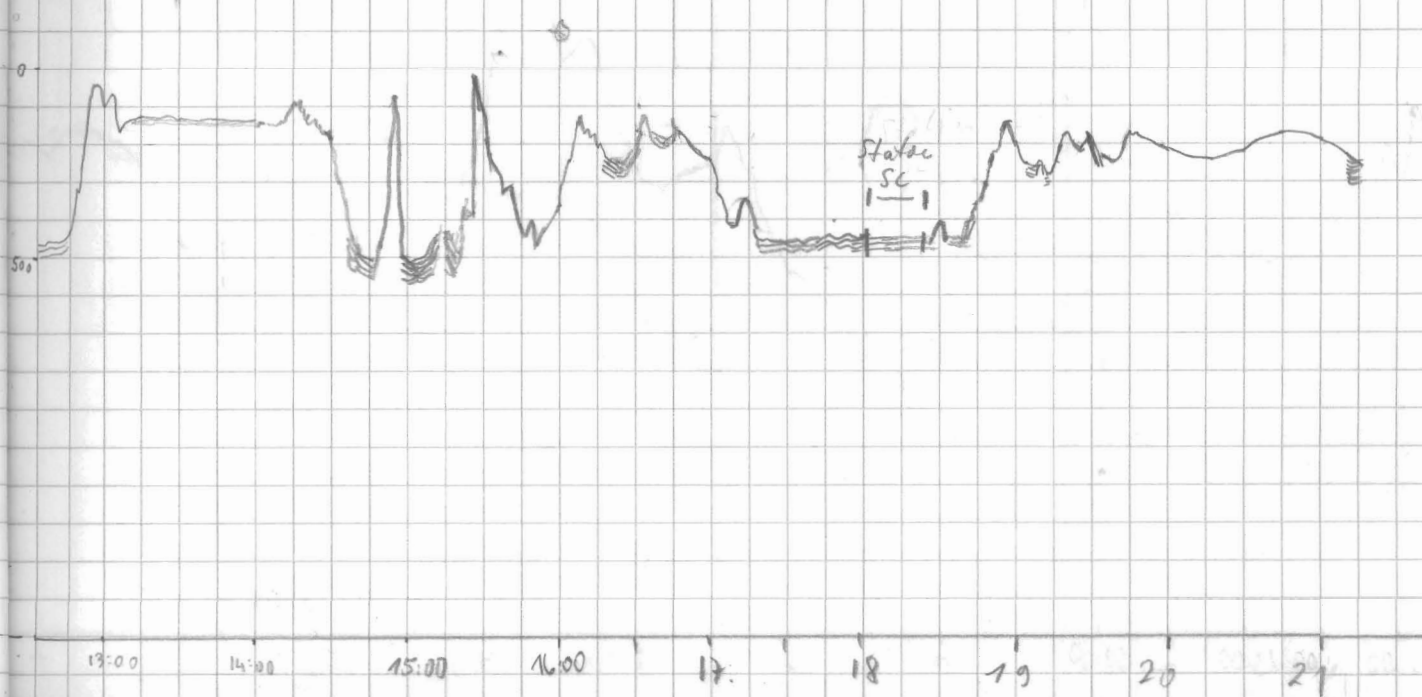


130 Date	UTC	Lat °S	Long °W	Depth R	Depth HS	Range	Mode	Speed	Course
05.04.	10:00	62° 29.04'	058° 02.19	927	943	1000	PAR	10.5	48
"	10:30	62° 25.50'	058° 53.82	7035	1040	"	"	10.2	48
"	11:00	62° 22.14'	058° 45.84	678	679	"	"	9.9	46
"	11:30	62° 18.00'	058° 40.10	432	433	"	"	9.5	337
"	12:00	62° 15.43'	058° 47.60	498	502	"	"	6.2	49
"	21:08	62° 16.01	058° 43.29	273	275	"	PAR	0.2	864
"	22:24	62° 14.822	058° 42.258	117	116	"	"	0.8	112
"	22:43	62° 15.748	058° 43.719	239	239	"	"	3.2	22
"	23:00	62° 16.108	058° 44.725	451	454	"	"	3.2	257
"	23:30	62° 16.161	058° 46.511	497	501	"	"	1.0	33
"	23:45	62° 16.028	058° 46.720	499	503	"	"	0.6	297
06.04.	00:00	62° 15.992	058° 47.033	505	510	"	"	0.6	283
"	09:30	62° 16.77'	058° 47.83	499	494	"	"	0.3	22
"	10:00	62° 15.53	058° 46.66	470	474	"	"	0.9	52
"	10:30	62° 15.46	058° 46.41	457	462	"	"	0.1	18
"	11:00	62° 15.50	058° 46.33	456	460	"	"	0.1	137
"	11:30	62° 16.84	058° 43.99	484	484	"	"	9.7	128
"	12:00	62° 17.319	58° 41.658	444	444	"	"	0.4	100
"	12:30	62° 17.346	58° 41.444	441	444	"	"	0.0	107
"	13:03	62° 15.236	58° 42.411	141	274	"	"	3.2	3
"	13:30	62° 14.778	58° 42.121	116	113	"	"	0.6	293
"	14:00	62° 14.787	58° 42.158	124	225	"	"	0.4	217
"	14:30	62° 15.117'	58° 42.534	168	167	"	"	8.9	143
"	15:00	62° 16.453'	58° 46.733'	506	509	"	"	9.7	32
"	15:30	62° 15.551	58° 51.907	105	103	"	"	6.8	327
"	16:00	62° 13.67	58° 52.52	353	353	"	"	4.6	37
"	16:30	62° 12.67	58° 52.02	167	170	"	"	5.1	137
"	17:09	62° 13.02	58° 49.96	239	239	"	"	5.0	177
"	17:30	62° 14.22	58° 50.81	446	449	"	"	8.0	275
"	18:00	62° 14.294	58° 48.803	451	454	1000	PAR	0.2	822
"	18:30	62° 14.090	58° 49.269	400	405	"	"	5.6	293.5
"	19:00	62° 12.476	58° 52.828	208	208	"	"	4.4	349.9
"	19:36	62° 11.961	58° 50.408	235	232	"	"	4.3	229.7
"	20:00	62° 12.447	58° 52.877	213	214	"	"	0.5	253
"	20:30	62° 12.517	58° 53.157	202	203	"	"	0.6	189
"	21:00	62° 12.564	58° 53.333	190	188	"	"	4.1	78.9
"	21:30	62° 12.106	58° 51.630	266	269	"	"	2.1	74.

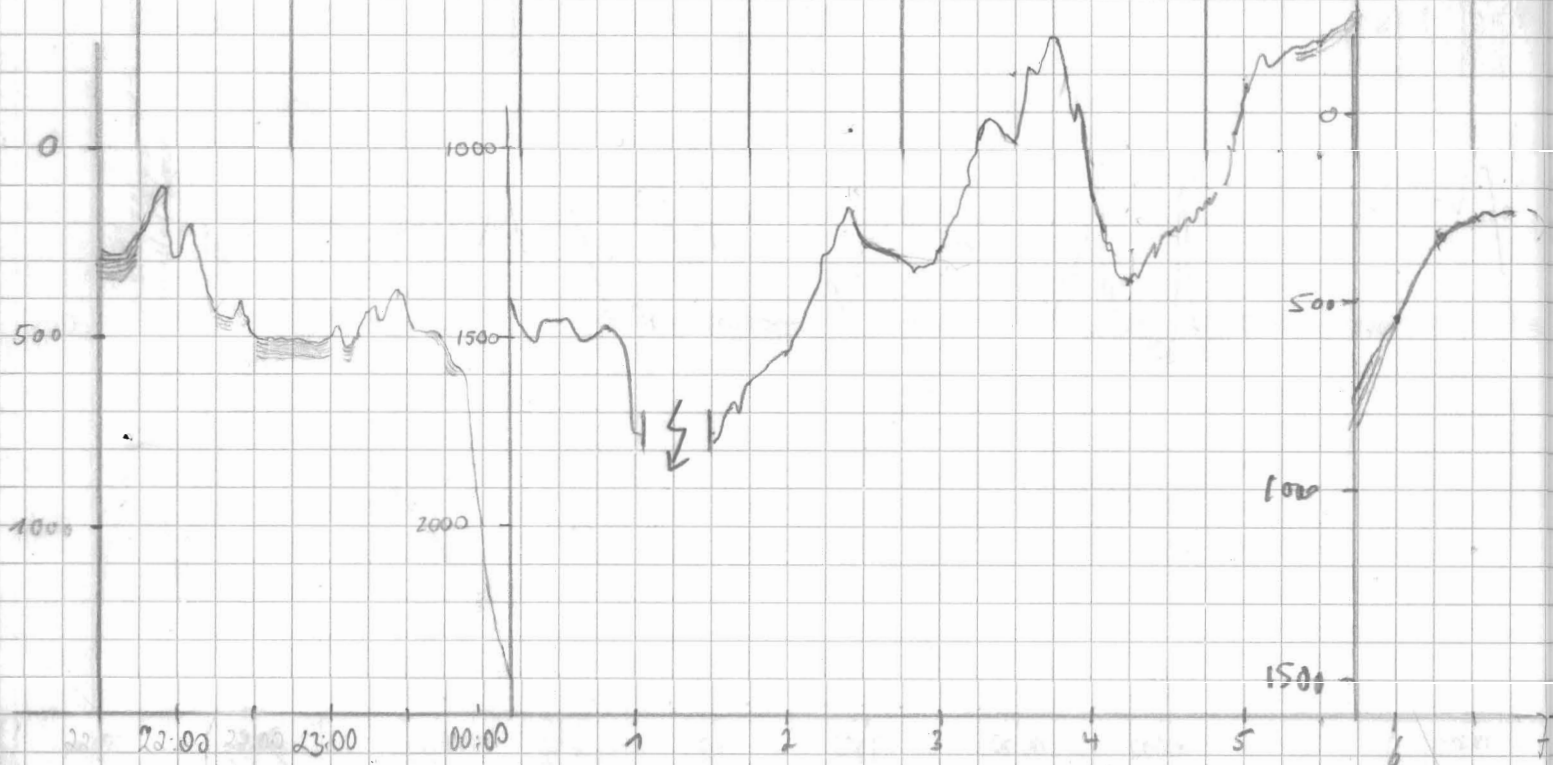


Watch Comments

Watch	Comments
Maria	
"	
"	
"	→ Ruede
"	Ablatik auf Position
Gerol	Ende Station PS 69 / 334-2 GKG
"	
"	
"	
"	00:09 → standby
Terry	09:30 → resume PAR
"	
"	Station 10:15
"	
AR	Station 11:45 "Äußere Maxwell Bay" SL
"	" 12:36 departure
"	13:17 Station SL
"	
Gerol	
"	
Mami	
Orestia	
Orestia	
Orestia	
Orestia	
Andreas	Station SL 18:00 bis 18:23
"	
"	
"	19 ^{h52} : Schiffmanöver → 1 Kn/stunde
Mami	Schiffmanöver
Katja	Anfahrt Station
"	
"	



Depth	UTC	Lat °S	Long °W	Depth PS	Depth HS	Range	Mode	Speed	Course
6.7	22:00	62° 11.708	58° 50.155	183	183	1000	PAR	6.1	157
"	22:30	62° 15.366	58° 47.964	503	506	"	"	8.4	143
"	23:00	62° 18.552	58° 42.504	507	511	"	"	8.3	139
"	23:30	62° 19.215	58° 34.869	415	410	"	"	7.8	84
7:0406	0:00	62° 18.801	58° 26.879	976	979	"	"	8.0	84
"	00:30	62° 18.385	58° 18.000	1462	1467	2000	PAR	7.6	84
"	1:00	62° 17.994	58° 09.973	1744	1746	"	"	7.7	62
"	1:05								
"	1:27	62° 16.298	58° 03.329	1763	1775	"	"	7.9	60
"	2:00	62° 14.240	57° 55.316	1567	1558	"	"	7.6	62
"	02:30	62° 12.451	057° 48.361	1250	1236	"	"	7.4	61
"	03:00	62° 10.731	057° 41.621	1271	1289	"	"	7.2	62
"	03:30	62° 09.071	057° 35.241	991	990	1000	"	6.0	61
"	04:00	62° 07.581	057° 29.401	1108	1093	2000	"	6.3	62
"	04:30	62° 06.101	57° 23.65	1207	1200	2000	"	5.7	60
"	05:00	62° 4.60	57° 17.92	767	769	1000	"	6.1	58
"	05:30	62° 3.22	57° 12.50	706	679	"	"	5.6	58
"	06:00	62° 1.14	57° 8.61	512	521	"	"	6.8	13
"	06:30	61° 58.45	57° 7.46	293	294	"	"	7.7	10
"	07:00	61° 54.81	57° 6.30	294	292	"	"	6.8	4
"	07:30	61° 51.24	57° 5.51	308	298	"	"	7.9	37
"	07:56	61° 47.26	57° 12.32	377	375	"	"	7.5	318
"	08:30	61° 44.62	57° 17.89	378	378	"	"	6.8	320
"	09:00	61° 41.77	57° 21.60	415	415	"	"	7.5	325
"	09:30	61° 38.55	57° 25.18	424	426	"	"	6.6	329
"	10:00	61° 35.59	57° 29.41	417	418	"	"	7.3	332
"	10:30	61° 32.34	57° 33.47	442	443	"	"	6.5	329
"	11:00	61° 29.33	57° 37.37	548	552	"	"	7	333
"	11:30	61° 26.18	57° 41.34	905	894	"	"	8.1	332
"	12:00	61° 23.057	57° 45.292	1615	1633	2000	"	6.1	332
"	12:30	61° 19.271	57° 49.266	1957	1962	"	"	6.8	335
"	13:00	61° 16.690	57° 53.292	2755	2743	"	"	6.6	323
"	13:30	61° 13.409	57° 57.366	2579	2582	"	PAR-7.6.6	6.6	333
"	14:00	61° 10.901	58° 0.544	3372	3322	5000	"	6.0	337
"	14:30	61° 8.501	58° 3.256	3223	3239	"	"	4.3	339
"	15:00	61° 6.092	58° 6.447	3900	3921	"	"	5.0	337



Watch

Comments

Katja
Norbert
Kristin

0:05 in depth range 2000

André

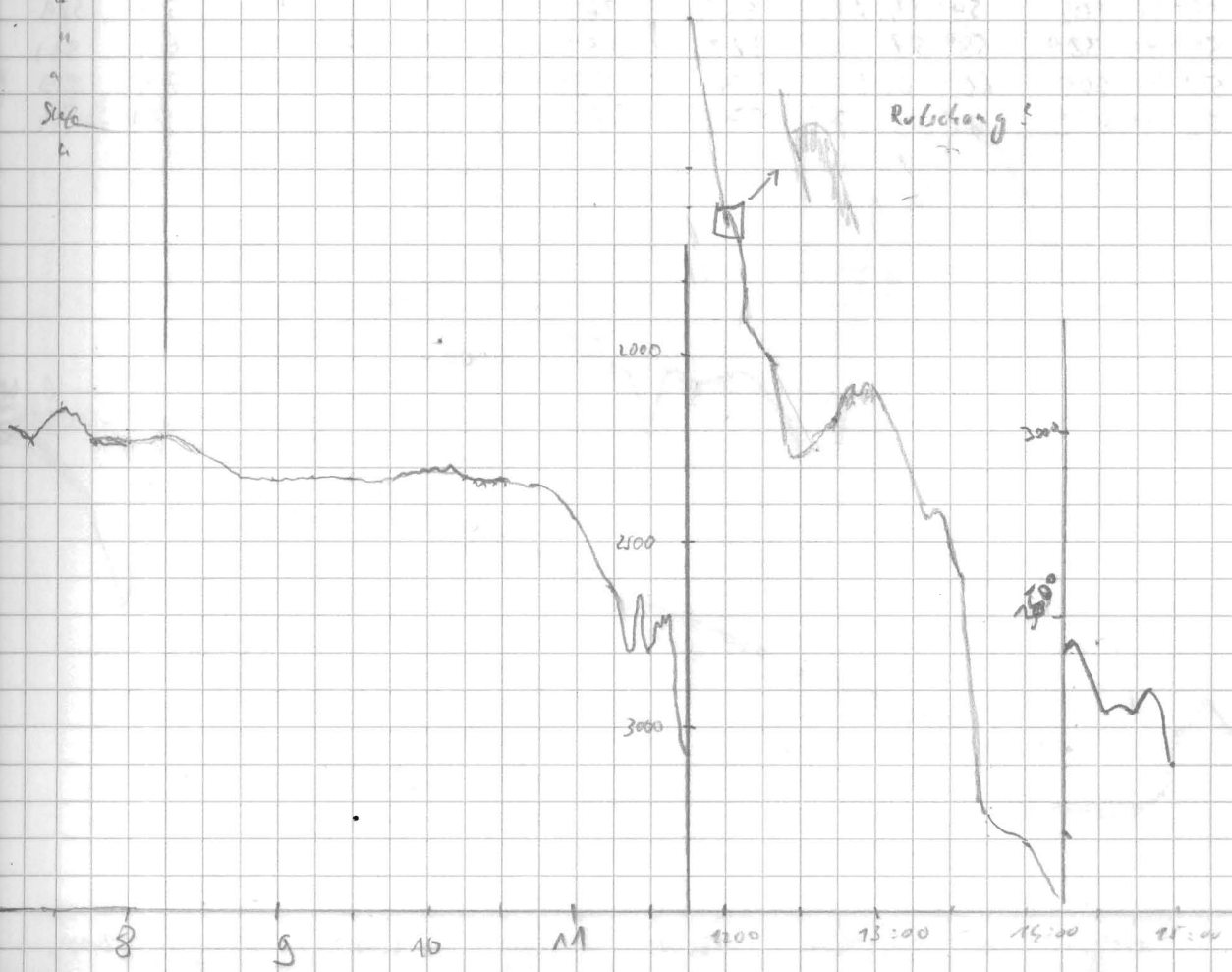
System Restart

Matze

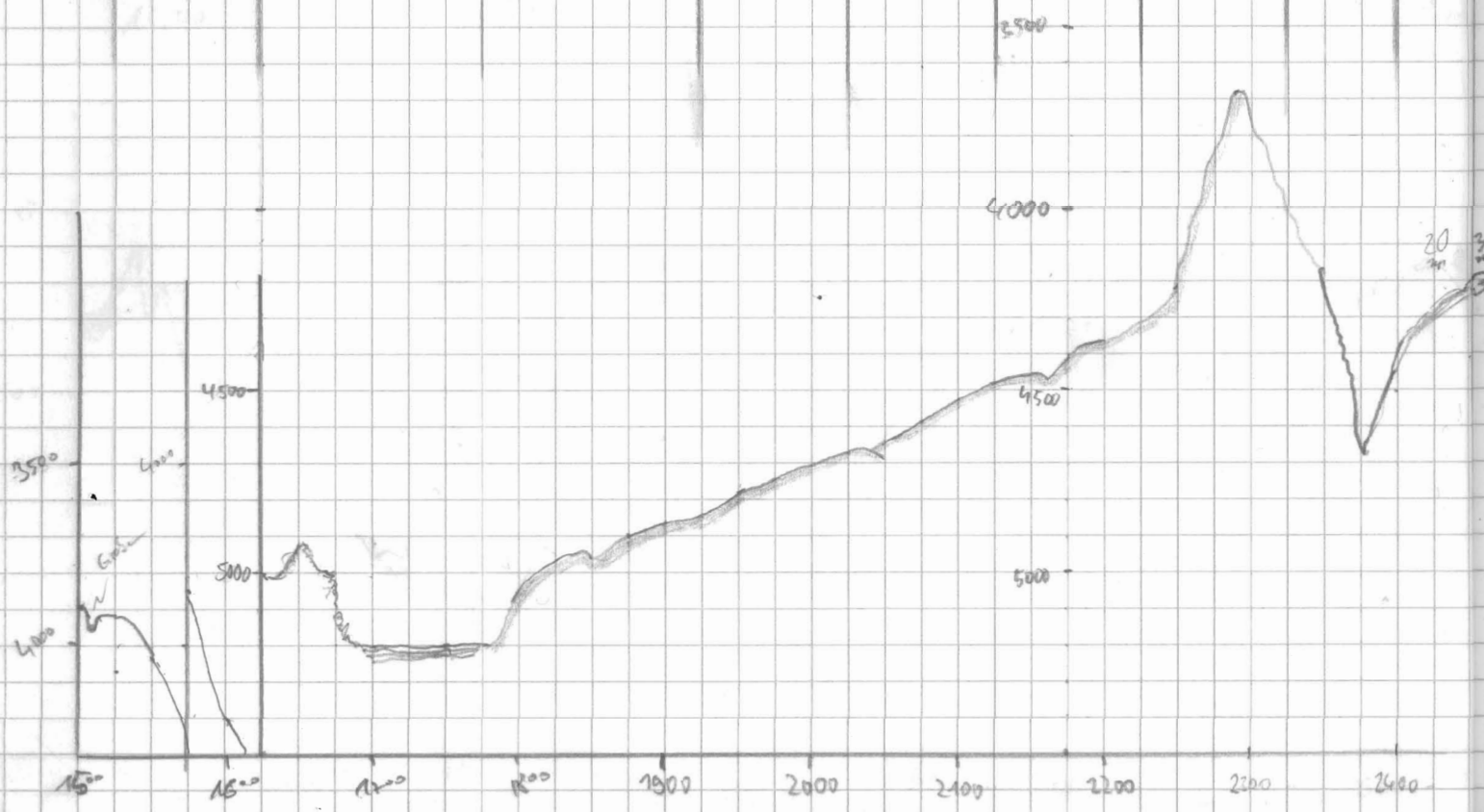
Christian

Martin

Stef



date	UTC	Lat °S	Long °W	Depth PS	depth HS	range	mode	Speed	Course	
7.4.06	15:30	61° 4.015'	58° 8.698'	4020	4043	5000	pilet	6.4	321	
	16:00	61° 2.169'	58° 11.470'	4705	4706	7000	pilet	3.5	335	
	16:33	61° 0.081'	58° 14.112'	5007	50033	"	par-PIL rock	5.4	323	
	17:07	60° 58.404'	58° 16.318'	4934	5255	"	"	2.9	24	
	17:30	60° 56.878'	58° 16.883'	5222	5241	"	"	3.8	311	
	18:00	60° 55.382'	58° 21.336'	5367	5267	"	"	3.8	322	
	18:30	60° 54.535'	58° 24.431'	4951	4971	"	"	5.0	292	
	19:00	60° 53.885'	58° 27.351'	4864	4877	"	"	4.0	294	
	19:30	60° 52.854'	58° 30.147'	4783	4795	"	"	2.0	331	
	20:00	60° 51.740'	58° 33.322'	4707	4714	"	"	3.2	301	
	20:30	60° 50.536'	58° 37.007'	4639	4652	"	"	5.2	305.2	
	21:00	60° 49.449'	58° 40.260'	4526	4536	"	"	3.4	293	
	21:30	60° 48.263'	58° 43.749'	4473	4481	5000	"	6.0	307	
	22:00	60° 46.463'	58° 48.531'	4385	4408	"	"	5.8	306.3	
	22:30	60° 44.663'	58° 53.338'	4196	4243	"	"	4.8	311.3	
	23:00	60° 42.609'	58° 58.510'	3681	3705	"	"	8.5	313	
	23:30	60° 40.324'	59° 3.667'	4152	4205	"	"	7.6	316	
	24:00	60° 37.558'	59° 8.484'	4451	4471	"	"	7.0	328	
	8.4.06	24:34	60° 33.985'	59° 13.759'	4218	4215	"	"	8.0	320
		1:00	60° 31.404'	59° 17.771'	4224	4228	"	"	8.4	321
1:30		60° 28.633'	59° 22.148'	4241	4253	"	"	5.9	322	
2:00		60° 25.133'	59° 26.011'	4165	4183	"	"	7.7	336	
2:30		60° 21.437'	59° 29.148'	3975	3992	"	"	7.6	334	
3:00		60° 17.642'	59° 32.588'	3845	3860	"	"	7.6	345	
3:30		60° 13.948'	59° 35.923'	3826	3840	"	"	7.4	331	
4:00		60° 10.260'	59° 39.445'	3806	3825	"	"	5.9	316	
4:30		60° 6.785'	59° 42.771'	3948	3965	"	"	8.0	330	
5:00		60° 3.343'	59° 46.028'	4039	4026	"	"	6.6	343	
5:30		59° 59.846'	59° 49.193'	4052	4067	"	"	7.1	346	
6:00		59° 56.367'	59° 52.097'	4096	4105	"	"	8.6	330	
6:30		59° 52.908'	59° 54.633'	3598	3604	"	"	5.1	328	
7:00		59° 49.324'	59° 57.485'	3226	3359	"	"	6.4	331	
7:30		59° 45.800'	60° 0.347'	3541	3585	"	"	7.5	329	
8:00		59° 41.879'	60° 03.371'	3788	3805	"	"	8.3	334	



Watch

Sofa

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Card

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CD

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Jo

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Silke

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Card

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Christina

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Mami

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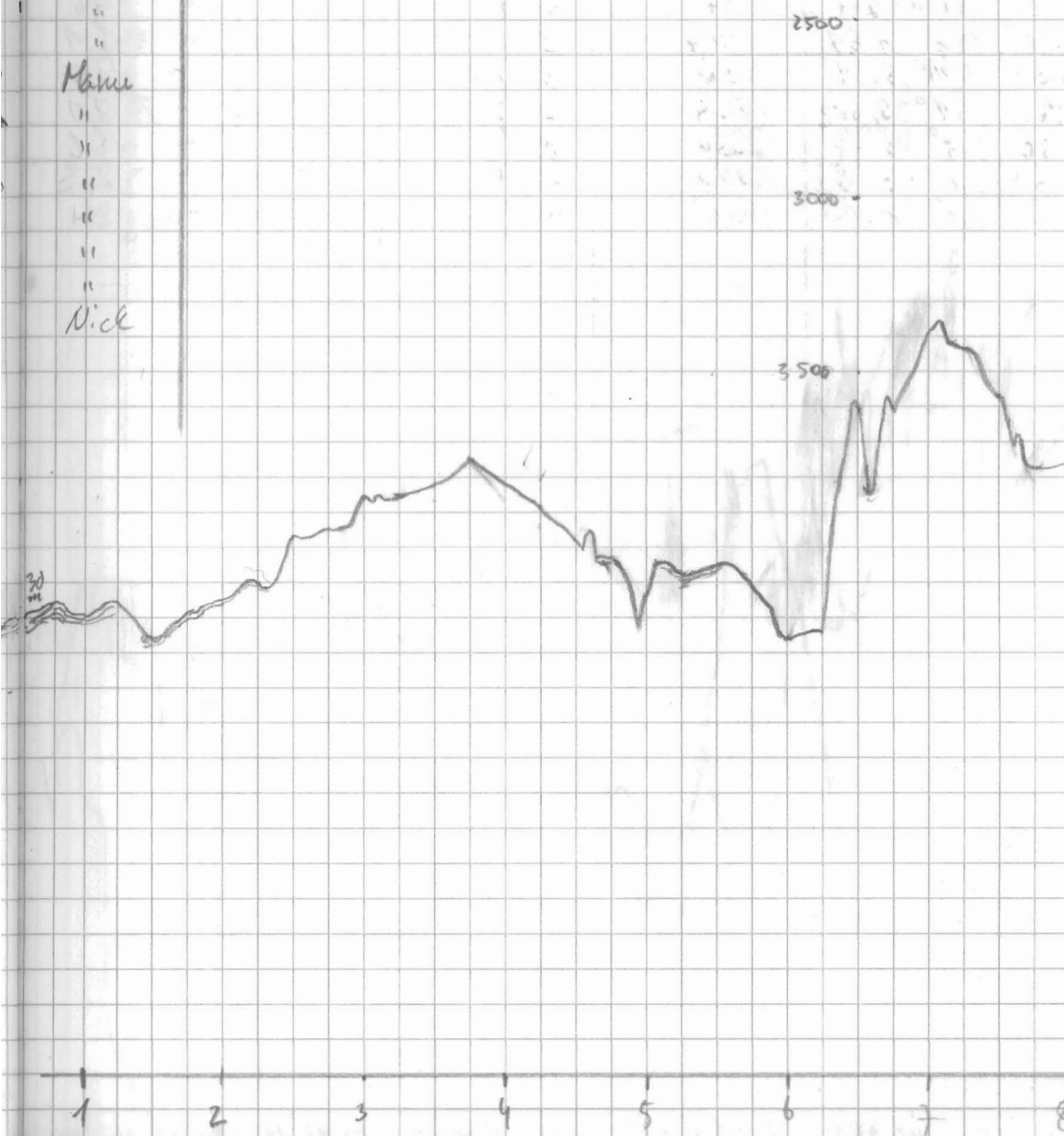
"

Nick

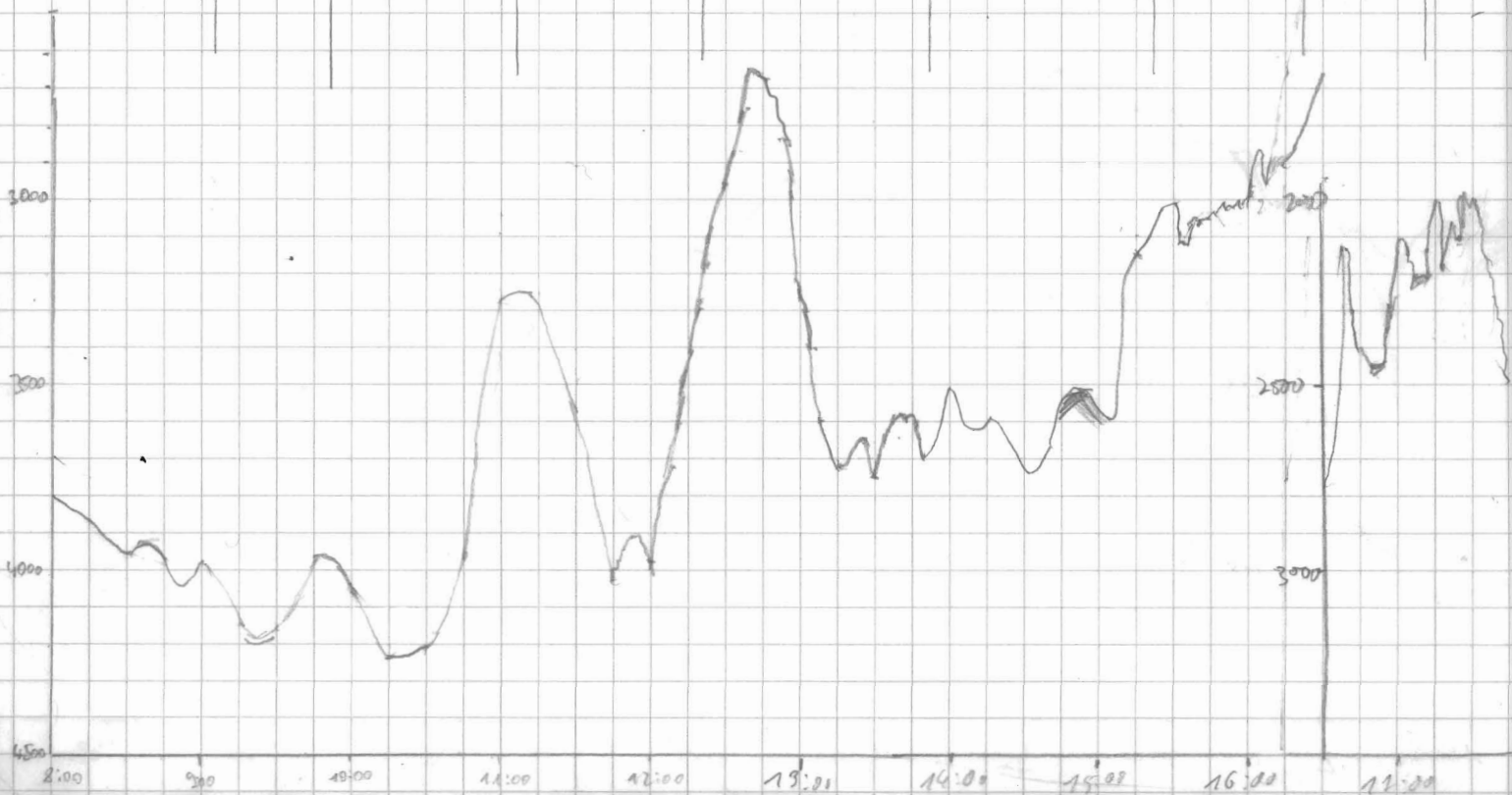
17:45h : signal very noisy

18:27h : Processing → Filter → Low Cut switched from 2 to 4 (in PAR window)

21:20 : Depth range changed to 5000; Minimal 5000m = pulse train length



136	Date	UTC	Lat° S	Long° W	Depth PS	Depth HS	Range	Mode	Speed
	8.4.06	8:30	59° 38.145	60° 06.708	3960	3988	5000	PAS-PIT	8.8
	"	9:00	59° 34.004	60° 10.053	3996	4015	"	"	7.1
	"	9:30	59° 30.270	60° 13.193	4136	4164	"	"	8.8
	"	10:00	59° 26.417	60° 16.616	4037	4070	"	"	8.2
	"	10:30	59° 22.691	60° 19.911	4210	4202	"	"	7.7
	"	11:00	59° 18.752	60° 23.280	3271	3288	"	"	8.8
	"	11:30	59° 15.026	60° 03.340	3575	3589	"	"	9.1
	"	12:00	59° 11.151	60° 29.390	3788	3804	5000	PAR-PIT	9.6
	"	12:30	59° 7.365	60° 32.359	3156	2971	"	"	8.0
	"	13:00	59° 3.784	60° 35.190	3277	3289	"	"	8.5
	"	13:30	59° 0.108	60° 38.156	3744	3769	"	"	7.3
	"	14:00	58° 56.501	60° 41.412	3528	3531	"	"	7.2
	"	14:30	58° 53.310	60° 44.563	3622	3655	"	"	8.4
	"	15:00	58° 50.131	60° 48.146	3605	3622	"	"	6.7
	"	15:30	58° 46.970	60° 51.769	3251	3271	"	"	7.3
	"	16:00	58° 43.62	60° 55.60	3013	3042	"	"	7.1
	"	16:30	58° 40.33	60° 58.89	2645	2668	"	"	7.8
	"	17:00	58° 36.94	61° 3.28	2773	2217	"	"	7.3
	"	17:30	58° 33.60	61° 7.07	1971	1983	"	"	6.2
	"	18:00	58° 30.38	61° 10.78	2372	2404	"	"	7.9
	"	18:30	58° 25.640	61° 16.196	3401	3417	"	"	8.0
	"	19:00	58° 23.337	61° 18.868	4205	4218	"	"	6.9
	"	19:30	58° 20.199	61° 22.405	4149	4156	"	"	7.7
	"	20:00	58° 15.908	61° 27.264	4097	4112	"	"	7.6
	"	20:31	58° 12.08	061° 31.61	3107	3160	"	"	9.1
	"	21:00	58° 08.54	061° 35.64	3656	3677	"	"	7.5
	"	21:30	58° 4.962	61° 39.682	3524	3537	"	"	8.1
	"	22:00	58° 01.30	61° 43.77	2980	2997	"	"	8.8
	"	22:30	57° 57.67	61° 47.87	2990	2976	"	"	8.5
	"	23:00	57° 53.87	61° 52.15	4066	4074	"	"	9.4



Watch Comments

Nick
"
"
"
"

Course Watch Comments

344 Andreas
331 "
339 "
332 "
338 Kaija
325 "
387 "
321 "
327 Terry
317 "
338 "
327 "
327 "
322 Andrei
338 "
326 "
329 "
319 Matze
336 "
335 Gerd
320 Matze
335 Chris
324 Janna

Absturz -> Neustart

Ende

