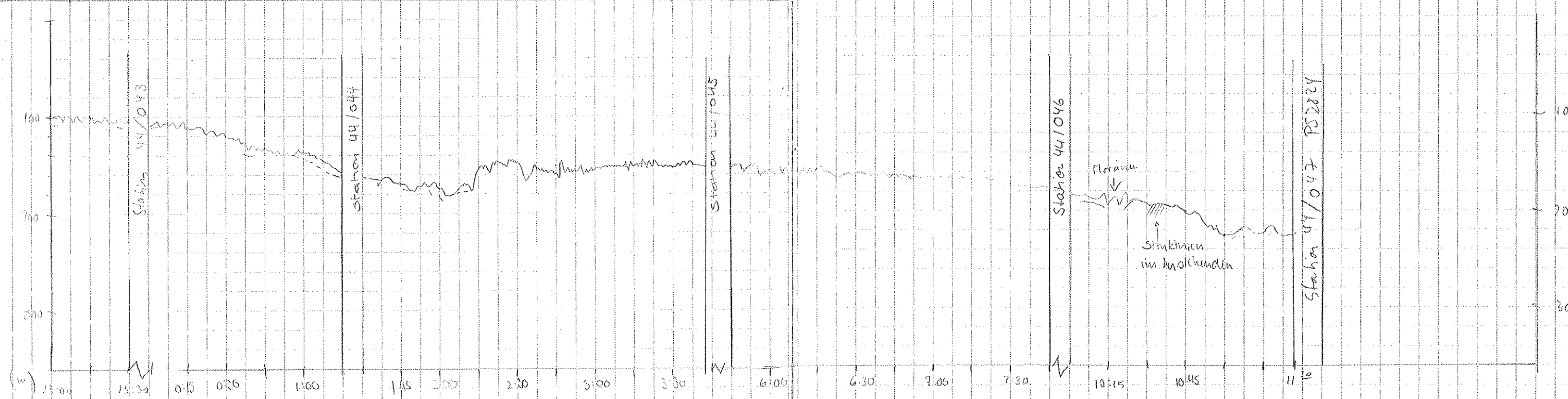


ARK XIII / 2

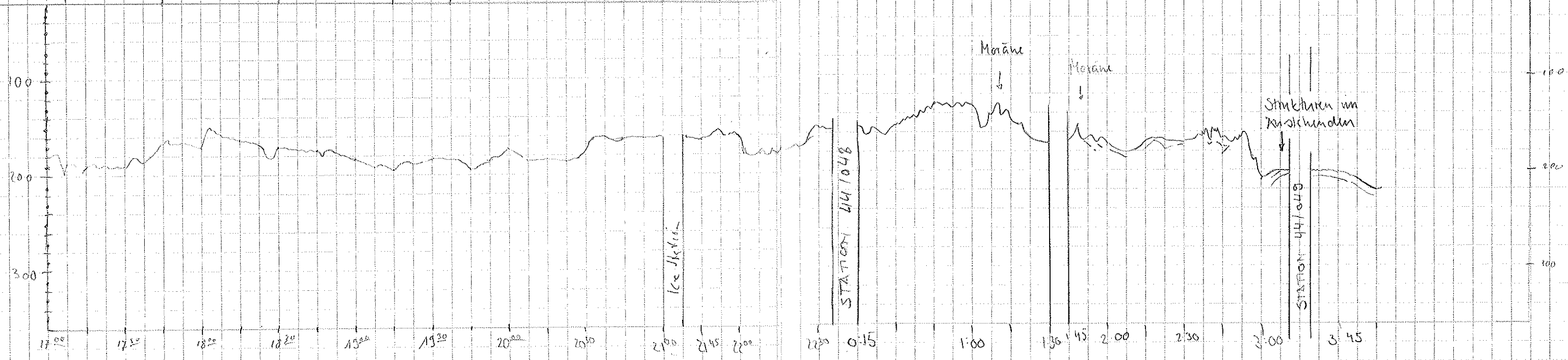


EKAHA EKAHA EKAHA

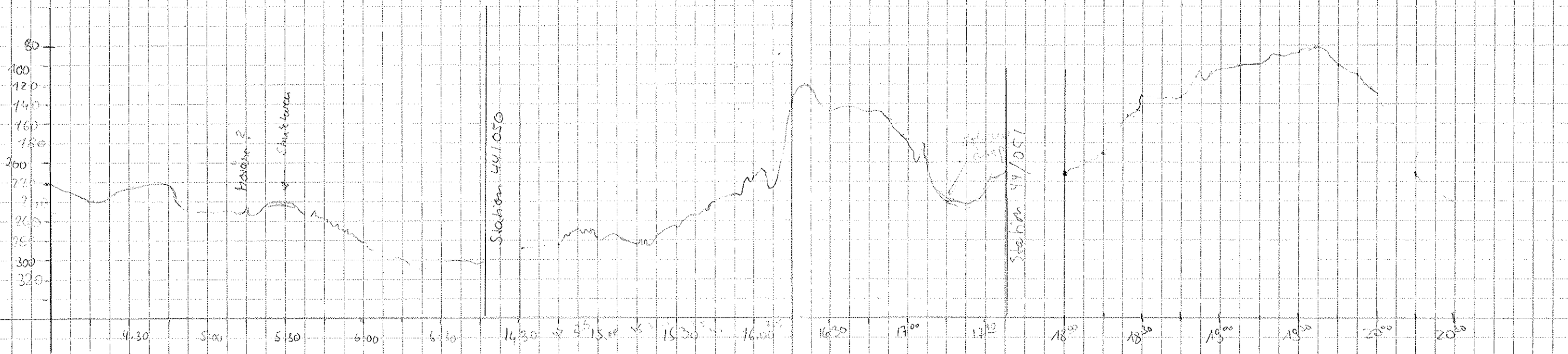
Date	Time	Latitude	Longitude	Speed	Course	Depth PS	Depth MS	Wind	Rec Log	Wait	Tape #	Paper #	Watchkeeper	Remarks
27.6	23:00	76° 46.9 N	33° 40.2 E	8.7	010	108	0	50	133	0	2	2	Messen	Start Deso-Schicht: 27.6. ca. 11 ⁰⁰ UTC
"	23:15	76° 49.0 N	33° 47.1 E	8.0	036	112	0	50	133	0	"	"	"	Start Bandspülung: 27.6. ca. 14 ⁰⁰ UTC
"	23:30	76° 50.2 N	33° 46.4 E	0.6	-	107	0	50	133	20	"	"	"	Band 1 bei ca. 10 MB. beendet (Tape 2/2 aus-
28.6	00:00	76° 50.5 N	33° 46.2 E	7.2	069	111	0	50	133	0	"	"	"	geschaltet → Abitur)
"	00:15	76° 52.2 N	33° 48.8 E	8.5	353	115	0	50	133	0	"	"	Kleiber	Papierrolle # 1 ca. 19:30 gewechselt (verwirrt)
"	00:30	76° 54.2 N	33° 51.2 E	7.2	11.4	128	0	50	133	0	"	"	"	
"	00:45	76° 56.5 N	33° 54.5 E	0.0	19.8	135	0	120	133	0	"	"	"	
"	1:00	76° 58.4 N	33° 58.2 E	9.2	24.0	141	0	120	133	0	"	"	"	1:03 Band #2 voll, Band #3 in Tape 2/e schreibt weiter
"	1:15	76° 59.3 N	33° 59.4 E	0.7	28.7	159	0	120	133	20	3	"	"	
"	1:30	76° 59.3 N	33° 59.1 E	0.2	344.0	161	0	120	133	20	"	"	"	
"	1:45	77° 00.9 N	33° 53.5 E	0.1	324.4	167	0	120	133	0	"	"	"	
"	2:00	77° 01.1 N	33° 49.1 E	0.3	310.7	173	0	120	133	0	"	"	"	
"	2:15	77° 05.3 N	33° 46.2 E	9.3	341.3	152	0	120	133	0	"	"	"	
"	2:30	77° 05.6 N	33° 43.9 E	9.6	349.7	147	0	120	133	0	"	"	"	
"	2:45	77° 09.5 N	33° 41.4 E	9.1	336.2	150	0	120	133	0	"	"	"	
"	3:00	77° 11.2 N	33° 38.0 E	4.7	338.9	157	0	120	133	0	"	"	"	
"	3:15	77° 12.2 N	33° 36.8 E	9.6	355.1	151	0	120	133	0	"	"	"	
"	3:30	77° 15.7 N	33° 35.2 E	9.0	356.1	153	0	120	133	0	"	"	"	
"	3:45	77° 16.2 N	33° 34.4 E	0.4	332.6	151	0	120	133	20	"	"	"	
"	4:00	77° 16.3 N	33° 34.4 E	0.3	7.5	154	0	120	133	20	"	"	"	Umsonst ist nichts im Leber !! Schrauf auf Stat. !!
"	5:54	77° 16.8 N	33° 34.4 E	1.1	323.6	152	0	120	133	0	"	"	Fahr	Ende der Station 441045
"	6:00	77° 16.9 N	33° 34.3 E	4.5	358.4	149	0	120	133	0	"	"	Fahr	
"	6:15	77° 18.1 N	33° 39.5 E	9.2	75.6	144	0	120	133	0	"	"	Fahr	
"	6:30	77° 18.8 N	33° 49.7 E	9.1	78.7	159	0	120	133	0	"	"	Fahr	
"	6:45	77° 19.1 N	33° 59.3 E	9.5	77.2	150	0	120	133	0	"	"	Fahr	
"	7:00	77° 20.3 N	34° 09.8 E	8.9	78.6	161	0	120	133	0	"	"	Fahr	
"	7:15	77° 20.4 N	34° 18.5 E	7.9	87.3	160	0	120	133	0	"	"	Fahr	
"	7:30	77° 20.8 N	34° 26.4 E	7.8	71.0	170	0	120	133	0	"	"	"	
"	7:45	77° 21.7 N	34° 36.5 E	7.0	43.0	186	0	120	133	0	"	"	"	
"	7:47	77° 21.7 N	34° 36.9 E	0.3	48.2	187	0	120	133	20	"	"	"	Station 441046 und Schräg !!
"	9:25	77° 25 N	34° 41.9 E	9.4	358	193	0	170	133	0	4	2	Messen	Deso hängt während Station Band 3 → 4
"	9:30	77° 26.3 N	34° 41.9 E	8.9	359	196	0	170	133	0	"	"	Kleiber	
"	9:45	77° 28.0 N	34° 42.1 E	8.5	0.6	205	0	170	133	0	"	"	"	
"	10:00	77° 30 N	34° 41.9 E	9.2	359	231	0	170	133	0	"	"	Messen	Deso hängt ca. 8 Minuten
"	10:17	77° 33.7 N	34° 41.0 E	8.1	359	215	0	190	133	0	4	"	Messen	Station 441047 PS 2824



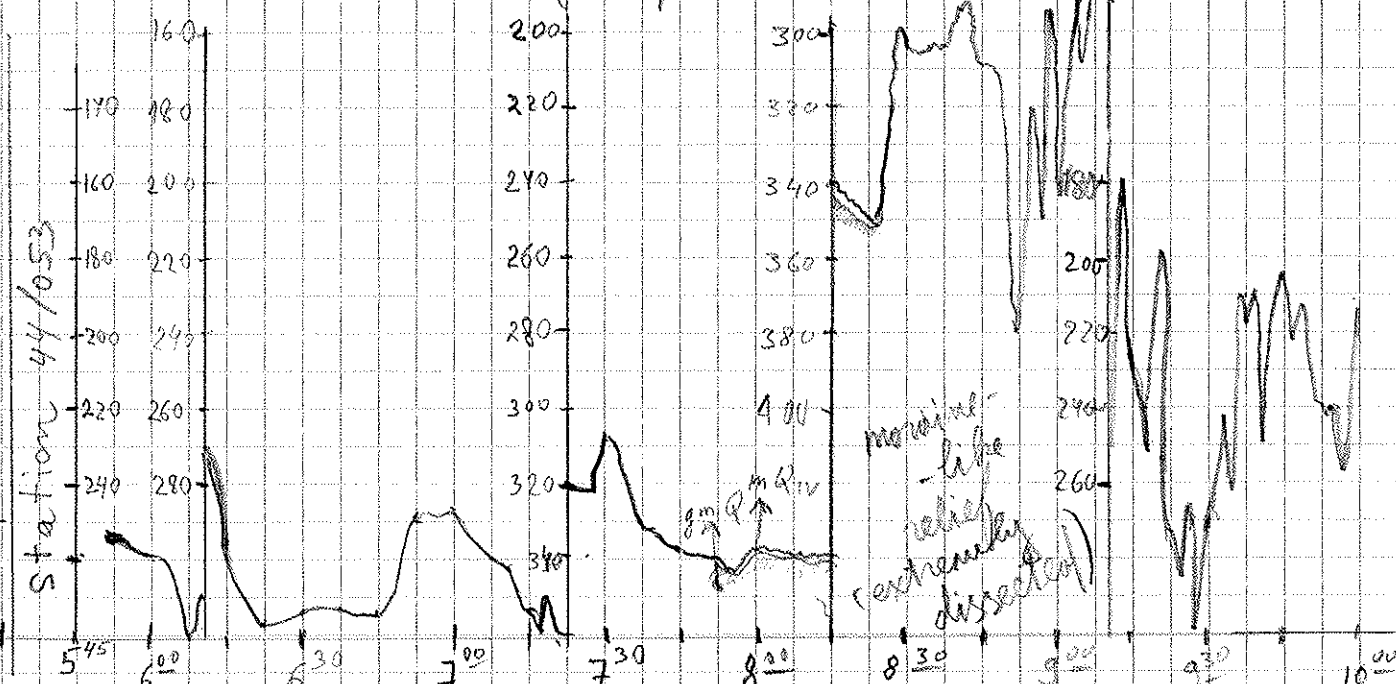
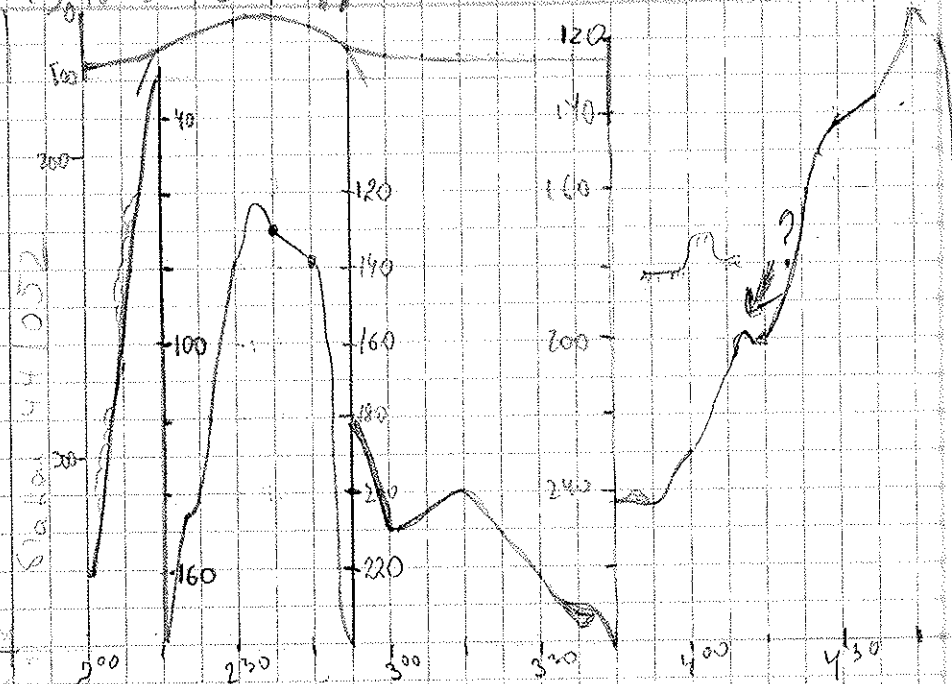
Date	Time	Latitude	Longitude	Speed	Course	Depth PS	Depth HS	Windw	Rec Len	Wait	Tape #	Paper #	Watchkeeper	Remarks
25-6	17:55	77° 35.6 N	34° 42.6 E	8.9	323.7	156	0	160	133	0	4	2	Mohrke	16:55 Ende Station 44/047 75.2824
"	17:55	77° 37.2 N	34° 34.2 E	8.8	305	158	0	160	133	0	"	"	"	
"	17:50	77° 38.7 N	34° 26.3 E	8.0	305	158	0	160	133	0	"	"	"	
"	17:45	77° 40.2 N	34° 21.4 E	8.0	330.2	166	0	120	133	0	4	2	"	
"	18:00	77° 41.4 N	34° 15.4 E	8.5	29.0	171	0	120	133	0	"	"	"	
"	18:15	77° 43.664 N	34° 15.1 E	9.6	336.4	164	0	120	133	0	4	2	DeWitt	
"	18:30	77° 45.3 N	34° 07.2 E	10.5	320.6	165	0	120	133	0	4	2	"	18:32 Schiff gelies. stark abgelesen (ca. 4.5 km) wq. Eisgang; dann Rückkehr auf 7 km
"	18:45	77° 46.5 N	34° 02.2 E	7.5	311.5	173	0	120	133	0	4	2	"	
"	19:00	77° 46.8 N	33° 53.2 E	8.6	275.2	182	6	110	133	0	4	2	"	
"	19:15	77° 47.5 N	33° 42.4 E	8.6	321.2	193	0	120	133	0	4	2	"	
"	19:30	77° 49.2 N	33° 36.8 E	7.6	326.0	183	0	110	133	0	4	2	"	
"	19:45	77° 50.6 N	33° 29.9 E	8.6	329.4	193	0	120	133	0	4	2	Schubert	
"	20:00	77° 51.6 N	33° 23.9 E	7.8	329.7	177	0	120	133	0	4	2	"	20:11 Tape No. 4 finished
"	20:15	77° 52.9 N	33° 21.6 E	0.4	344	179	0	120	133	0	5	2	"	Beginn Eisbrechen
"	20:30	77° 53.3 N	33° 23.0 E	8.0	23.4	175	0	120	133	0	5	2	"	
"	20:45	77° 52.2 N	33° 21.5	8.2	282.0	164	0	120	133	0	5	2	"	
"	21:00	77° 55.3 N	33° 20.7 E	7.4	337.8	162	0	120	133	0	5	2	"	20:58 Eisstation
"	21:00	77° 56.9 N	33° 17.5 E	7.9	318.7	158	0	120	133	0	5	2	"	21:00 End of ice station
"	22:15	77° 57.9 N	33° 05.8 E	9.1	277	166	0	120	133	0	5	2	"	
"	22:30	77° 59.1 N	32° 59.9 E	6.6	315.8	145	0	120	133	0	5	2	"	22:36 Station 44/048
20.6.97	0:00	77° 55.6 N	32° 57.5 E	0.2	0.2	147	0	120	133	20	5	2	Kleiber	End of station 44/048
"	0:20	77° 59.6 N	32° 55.8 E	5.8	66	150	0	120	133	0	5	2	"	
"	0:30	78° 00.3 N	33° 00.8 E	6.9	313.8	149	0	120	133	0	5	2	"	
"	0:45	78° 01.3 N	33° 55.2 E	8.3	353	125	0	60	133	0	5	2	"	
"	1:00	78° 03.0 N	32° 55.7 E	8.5	264.0	131	0	60	133	0	5	2	"	
"	1:15	78° 04.6 N	32° 51.0 E	9.9	334.7	150	0	100	133	0	5	2	"	
"	1:30	78° 05.3 N	32° 48.2 E	0.2	59.1	172	0	100	133	20	5	2	"	begin still
"	1:45	78° 05.6 N	32° 47.1 E	9.0	321.7	173	0	106	133	0	5	2	"	
"	2:00	78° 07.7 N	32° 41.2 E	8.4	352.5	175	0	160	133	0	5	2	"	
"	2:15	78° 10.1 N	32° 44.5 E	10.4	78.8	197	0	160	133	0	5	2	"	
"	2:30	78° 11.7 N	32° 51.0 E	4.9	17.2	172	0	160	133	0	5	2	"	
"	2:45	78° 12.8 N	32° 53.6 E	7.3	35.3	159	0	160	133	0	5	2	"	
"	3:00	78° 14.8 N	32° 57.0 E	8.4	37.0	131	0	150	133	0	5	2	"	
"	3:15	78° 15.7 N	33° 06.9 E	0.6	12.1	175	0	150	133	40	5	2	"	03:15 Beginn Station 44/049; 03:35 Ende
"	3:45	78° 17.9 N	32° 57.8 E	10.6	357.8	181	0	150	133	0	5	2	"	03:46 Tape No. 5 finished



Date	Time	Latitude	Longitude	Speed	Course	Depth P's	Depth HS	Winddir	Rec Len	Wait	Tape #	Paper #	Water Temp	Remarks
29.6	4:00	78°19.8 N	32°54.4 E	6.6	331.0	135	0	150	133	0	6	2	Fahl	
-11-	4:15	78°21.1 N	32°46.6 E	8.3	281.0	238	0	200	133	0	-11-	-11-	Fahl	
-11-	4:30	78°22.6 N	32°39.9 E	8.7	321.5	238	0	200	133	0	-11-	-11-	Fahl	Zwischenwand ein paar "Eisbollen-küchen" (14m Wt)
-11-	4:45	78°24.1 N	32°40.0 E	7.3	16.2	224	0	200	133	0	-11-	-11-	-11-	
-11-	5:00	78°25.9 N	32°38.3 E	9.5	347.7	254	0	200	133	0	-11-	-11-	-11-	
-11-	5:15	78°27.8 N	32°38.5 E	6.4	329.8	237	0	200	133	0	-11-	-11-	-11-	
-11-	5:30	78°28.7 N	32°34.7 E	8.5	219.9	258	0	200	-11-	-11-	-11-	-11-	-11-	
-11-	5:45	78°29.9 N	32°28.0 E	7.5	310.6	265	0	200	-11-	-11-	-11-	-11-	-11-	
-11-	6:00	78°32.0 N	32°25.2 E	9.5	352.4	294	0	230	-11-	-11-	-11-	-11-	-11-	
-11-	6:15	78°34.0 N	32°21.6 E	8.1	323.8	299	0	250	-11-	-11-	-11-	-11-	-11-	
-11-	6:30	78°35.8 N	32°16.4 E	8.9	332.5	302	0	250	-11-	-11-	-11-	-11-	-11-	
-11-	6:45	78°37.2 N	32°08.6 E	4.7	270.2	303	0	250	-11-	-11-	-11-	-11-	-11-	
-11-	6:50	78°37.2 N	32°08.2 E	0.3	33.4	302	0	250	-11-	20	-11-	-11-	-11-	Beginn Stat. 441050 und ab ins Bett
29.6	14:30	78°38.5 N	32°02.4 E	8.4	313.5	287	0	250	-11-	0	-11-	-11-	-11-	Levitan
-11-	14:45	78°39.5 N	31°57.1 E	7.4	332.2	282	0	-11-	-11-	-11-	-11-	-11-	-11-	
-11-	15:00	78°41.5 N	31°54.3 E	9.2	345.3	278	0	-11-	-11-	-11-	-11-	-11-	-11-	
-11-	15:15	78°43.5 N	31°57.1 E	9.5	8.1	283	0	-11-	-11-	-11-	-11-	-11-	-11-	
-11-	15:30	78°45.4 N	31°47.0 E	9.4	330.2	264	0	-11-	-11-	-11-	-11-	-11-	-11-	15' Fin TAPC 12 (6)
-11-	15:45	78°47.3 N	31°41.6 E	7.3	322.0	240	0	230	-11-	-11-	-11-	-11-	-11-	
-11-	16:00	78°49.1 N	31°36.9 E	7.8	339.9	213	0	180	-11-	-11-	-11-	-11-	-11-	
-11-	16:15	78°50.4 N	31°30.6 E	8.3	327.5	136	0	120	133	0	7	2	Kühn	
-11-	16:30	78°52.2 N	31°21.2 E	6.0	275	133	0	70	133	0	7	2	"	
-11-	16:45	78°53.6 N	31°17.3 E	8.5	6.6	143	0	80	133	0	7	2	"	
-11-	17:00	78°55.6 N	31°21.3 E	7.6	07.0	163	0	140	133	0	7	2	Niemer	
-11-	17:15	78°57.1 N	31°22.1 E	3.0	007	235	0	210	133	0	7	2	"	
-11-	17:30	78°57.5 N	31°19.1 E	0.8	333	222	0	140	133	0	7	2	"	
-11-	18:00	79°00 N	31°18.5 E	6.4	353	206	0	140	133	0	7	2	"	End of station 441051
-11-	18:15	79°00.9 N	31°20.2 E	8.1	18.8	191.1	0	165	133	0	7	2	Kühn	
-11-	18:30	79°03.0 N	31°24.2 E	9.1	21.9	134.1	0	100	133	0	7	2	Kühn	
-11-	18:45	79°04.3 N	31°30.0 E	8.4	21.0	131.4	0	100	133	0	7	2	Kühn	
-11-	19:00	79°07.1 N	31°34.8 E	9.7	13.8	107.6	0	70	133	0	7	2	Kühn	
-11-	19:15	79°08.4 N	31°39.2 E	8.4	7.3	82.5	0	70	133	0	7	2	Kühn	
-11-	19:30	79°11.2 N	31°34.8 E	6.2	326.5	89.3	0	70	133	0	7	2	Kühn	
-11-	19:45	79°12.8 N	31°29.1 E	7.5	327.3	99.9	0	70	133	0	7	2	Kühn	
-11-	20:00	79°14.2 N	31°20.6 E	8.7	311.0	144.4	0	70	133	0	7	2	Kühn	
-11-	20:15	79°15.4 N	31°11.1 E	7.5	324.6	210	0	140	133	0	7	2	Dauer	
-11-	20:30	79°16.7 N	31°04.9 E	7.7	346	240	0	190	133	0	7	2	"	



Date	Time	Latitude	Longitude	Speed	Course	Depth PS	Depth HS	Window	Rec Len	Wait	Tape #	Paper #	Watch keeper	Remarks
29.6.97	20:45	29° 17.9	30° 58.0	7.5	284	263.1	0	190	133	0	1	2	Darius	
	21:00	29° 17.25	30° 57.0	7.6	320	292	0	220	133	0	2	2	"	
	21:15	29° 21.52	30° 49.3	7.8	319	302	0	260	133	0	3	2	"	
	21:30	29° 23.5	30° 43.2	7.8	319	337	0	260	133	0	4	2	"	
	21:45	29° 25.2	30° 37.02	7.4	312	342	0	290	133	0	5	2	"	
	22:00	29° 26.6	30° 32.9	7.5	256	331	0	290	133	0	6	2	"	
30.06.97	2:00	29° 26.5	30° 26.9	6	12.1	333	0	290	133	0	7	2	Vladimir	Station 44/052 (2824)
	2:15	29° 28.5	30° 26.1	8.1	355.9	198	0	150	133	0	8	2	"	
	2:30	29° 30.5	30° 21.5	8.6	312.2	78	0	50	133	0	9	2	"	
	2:45	29° 32.4	30° 15.2	8.7	330	78	0	150	133	0	10	2	"	
	3:00	29° 34.8	30° 12.7	8.0	46	210	0	175	133	0	11	2	"	
	3:15	29° 36.9	30° 12.0	8.8	348	199	0	150	133	0	12	2	"	
	3:30	29° 38.9	30° 09.4	8.1	351	224	0	150	133	0	13	2	"	
	3:45	29° 41.2	30° 03.4	8.6	358	242	0	200	133	0	14	2	"	
	4:00	29° 43.6	30° 06.0	9.3	356	228	0	200	133	0	15	2	"	
	4:15	29° 46.0	30° 02.8	9.4	314	195	0	180	133	0	16	2	Vladimir	
	4:30	29° 48.0	30° 00.4	5.0	334	143	0	120	133	0	17	2	"	
	4:45	29° 49.8	29° 56.0	7.9	346	110	0	70	133	0	18	2	"	4 ⁵⁵ Fin Tape 1/2 (8)
	5:00	29° 51.9	29° 58.0	8.8	353	246	0	205	133	0	19	2	"	
	5:15	29° 54.0	29° 58.7	7.6	45	251	0	205	133	0	20	2	"	5 ²⁵ Begin Station 44/053
	6:00	29° 55.8	29° 56.2	6.7	347	259	0	205	133	0	21	2	"	5 ⁵⁰ End Station 44/053
	6:15	29° 57.5	29° 53.7	6.6	342	296	0	225	133	0	22	2	"	
	6:30	29° 58.9	29° 50.3	5.5	330	315	0	255	133	0	23	2	"	
	6:45	80° 00.2	29° 46.6	5.8	288	315	0	255	133	0	24	2	"	
	7:00	80° 01.6	29° 44.6	8.3	5	287	0	255	133	0	25	2	"	
	7:15	80° 03.2	29° 45.0	5.4	355	317	0	255	133	0	26	2	"	
	7:30	80° 04.5	29° 44.8	4.8	33	308	0	255	133	0	27	2	"	
	7:45	80° 05.8	29° 45.3	6.9	2	338	0	280	133	0	28	2	"	
	8:00	80° 06.9	29° 42.2	6.6	311	350	0	280	133	0	29	2	"	
	8:15	80° 07.8	29° 37.8	5.2	347	339	0	280	133	0	30	2	E. M.	
	8:30	80° 08.8	29° 34.8	4.3	294	304	0	280	133	0	31	2	"	
	8:45	80° 09.6	29° 30.0	6.1	004	308	0	280	133	0	32	2	"	
	9:00	80° 10.6	29° 26.6	4.4	304	340	0	270	133	0	33	2	"	
	9:15	80° 11.4	29° 20.3	4.4	241	243	0	170	133	0	34	2	"	
	9:30	80° 12.2	29° 15.0	7.0	338	270	0	210	133	0	35	2	"	
	9:45	80° 13.1	29° 11.7	4.5	343	205	0	180	133	0	36	2	"	
	10:00	80° 14.4	29° 10.3	5.7	110	212	0	180	133	0	37	2	"	



4⁵⁵ Fin Tape 1/2 (8)
 5²⁵ Begin Station 44/053
 5⁵⁰ End Station 44/053

Station 44/052 (2824)

Vladimir

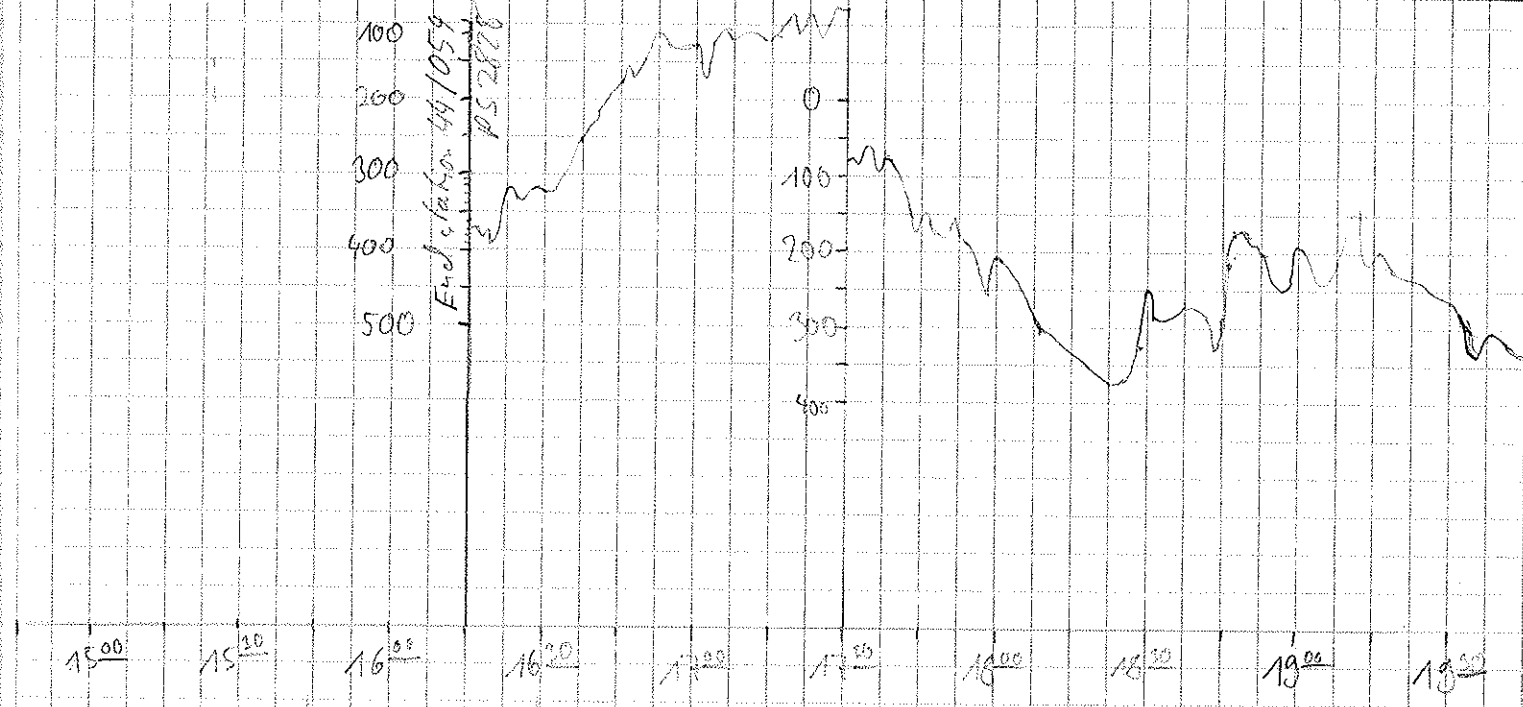
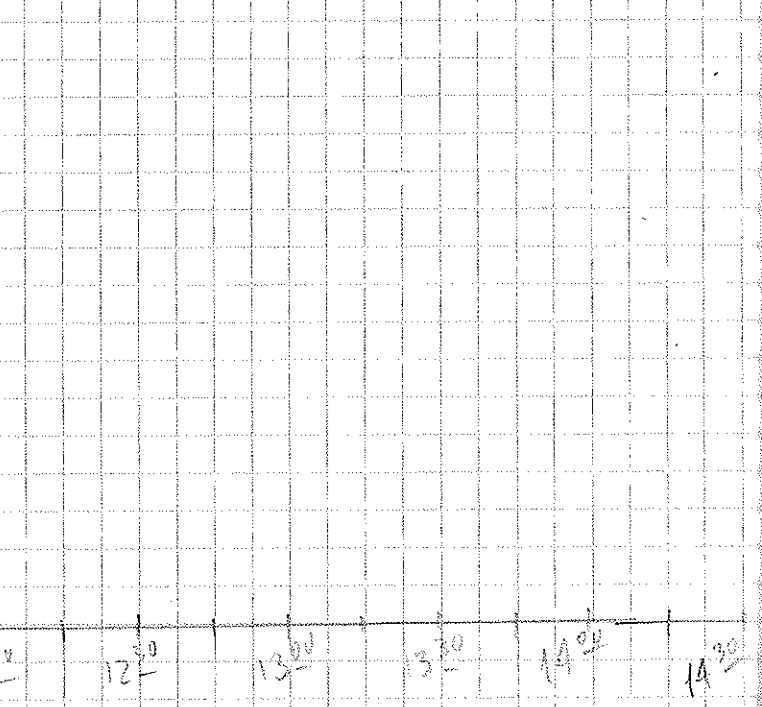
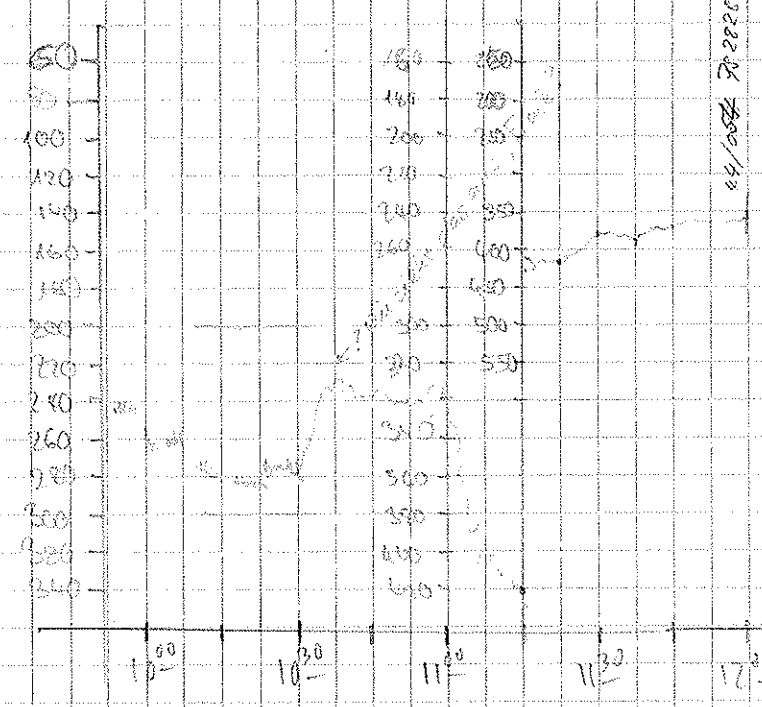
E. M.

Add gain

Change tape 9 for tape 10

normal life (extremely dissected)

Date	Time	Latitude	Longitude	Speed	Course	Depth PS	Depth HS	Wind	Rel Len	Wait	Tape No.	Paper No.	Watchkeeper	Remarks
30.06.97	10:17	80° 15.4 N	29° 12.25 E	4.7	16.6	0	-	180	133	0	10	2	Flintoff	None
	10:31	80° 15.12	29° 12	4.7	17.6	269	-	200	133	0	9	2	"	None
	10:45	80° 15.37	29° 09	3.8	32.7	230	-	200	133	0	8	2	"	None
	11:00	80° 12.58	29° 07.33	2.3	32.6	288	-	200	133	0	7	2	"	None
	11:17	80° 18.97	29° 05.37	3.3	34.0	10?	-	350	133	0	6	2	"	None
	11:30	80° 19.26	29° 04.01	5.7	35	0	-	300	133	0	5	2	"	None
	11:45	80° 20.55	29° 04.07	4.2	35.9	369	-	350	133	0	4	2	"	None
	11:56	80° 20.80	29° 03.76	4			-			0	3	2	"	None
	16:35	80° 27.22	29° 00.91 E	5.8	311.9	321	-	300	133	0	2	2	DeWitt	Station 44 1054 2828
	16:45	80° 23.54	29° 59.67 E	4.7	28.9	135	-	140	133	0	1	2	"	Station 44 1054 2828
	17:00	80° 24.51	29° 09.76 E	3.3	27.1	135	-	70	133	0	0	2	"	
	17:15	80° 25.87	29° 08.52 E	3.6	25	115	-	70	133	0	0	2	"	
	17:30	80° 26.82	29° 10.49 E	2.4	10.2	81	-	70	133	0	0	2	"	
	17:45	80° 27.45	29° 10.66 E	2.2	41.0	101	-	70	133	0	0	2	"	
	18:00	80° 28.88	29° 11.33 E	4.2	8.1	220	-	170	133	0	0	2	"	
	18:15	80° 30.20 N	29° 14.08 E	7.6	15.8	350	-	290	133	0	0	2	DeWitt	
	18:30	80° 31.90	29° 15.17	6.4	36.6	257	-	230	133	0	0	2	"	
	18:45	80° 33.12	29° 10.55	12.8	37.8	272	-	250	133	0	0	2	"	Clayed tape
	19:00	80° 34.91	29° 23.52	5.2	38.5	231	-	150	133	0	0	2	"	
	19:15	80° 36.13	29° 26.45	5.6	8.8	213	-	150	133	0	0	2	"	
	19:30	80° 37.40	29° 25.02	8.8	359.3	321	-	240	133	0	0	2	"	
	19:45	80° 38.69	29° 27.63	2.8	2.17	333	-	300	133	0	0	2	"	



Date	Time	Lat	Long	Speed	Course	Depth	Depth	Wind	Rec	Wair	Temp	Paper	Waterkeeper
30.06.97	20:00	80°40.0'N	29°29.7'E	6.1	13	392	-	320	153	0	11	2	Schubert
	20:15	80°41.4'N	29°30.3'E	8.3	332	451	0	420	133	0	11	2	Klobner
	20:30	80°41.8'N	29°30.9'E	3.4	142	447	0	420	133	0	11	2	"
	20:45	80°41.6'N	29°30.7'E	5.6	12.1	453	0	420	133	0	11	2	"
	21:00	80°43.3'N	29°34.6'E	5.0	6.2	468	0	420	133	0	11	2	"
	21:15	80°43.7'N	29°30.0'E	1.8	289.7	472	0	420	133	0	11	2	"
	21:30	80°43.7'N	29°28.2'E	0.2	140.3	475	0	420	133	0	11	2	"
01.07	4:00	80°42.7'N	29°25.6'E	5.4	285.3	446	0	420	133	40	11	3	Volkman
"	4:15	80°42.8'N	29°24.9'E	0.4	144.3	449	0	420	133	40	11	3	"
"	4:30	80°42.8'N	29°24.4'E	3.9	277	451	0	420	133	40	11	3	"
"	4:45	80°42.8'N	29°21.6'E	5	336.5	464	0	420	133	40	11	3	"
"	5:00	80°43.1'N	29°20.4'E	2	141	458	0	420	133	40	11	3	"
"	5:15	80°43.0'N	29°20.9'E	6	142	459	0	420	133	40	11	3	"
"	5:30	80°42.9'N	29°21.5'E	5	151	460	0	420	133	40	11	3	"
"	5:45	80°42.7'N	29°22.0'E	1.0	135.1	453	0	420	133	40	11	3	"
"	6:00	80°42.6'N	29°27.7'E	1.4	159.4	449	0	420	133	40	11	3	"
"	6:15	80°41.1'N	29°24.5'E	9.1	154.2	406	0	420	133	40	11	3	"
"	6:30	80°41.5'N	29°24.4'E	0.1	289.0	422	0	420	133	40	11	3	"
"	6:45	80°41.5'N	29°24.3'E	0.0	253.3	419	0	370	133	40	11	3	"
"	7:00	80°41.4'N	29°24.3'E	0.1	59.8	419	0	370	133	40	11	3	"
"	7:15	80°41.1'N	29°24.3'E	0.1	175.9	416	0	370	133	0	11	3	"
"	7:30	80°41.5'N	29°24.4'E	0.9	32	423	0	370	133	0	11	3	"
"	7:45	80°41.7'N	29°24.5'E	0.3	354.9	429	0	395	133	0	11	3	"
"	8:00	80°41.8'N	29°24.4'E	0.1	3xx	427	0	395	133	20	11	3	Radior
"	8:15	80°41.9'N	29°24.7'E	0.7	14	432	0	400	133	0	11	3	"
"	8:30	80°42.1'N	29°24.8'E	0.4	351	432	0	400	133	0	11	3	"
"	ca. 8:45	ca. 80°42.3'N	29°24.6'E	0.6	338	434	0	400	133	0	11	3	"
"	9:00	80°42.4'N	29°23.6'E	0.1	200	440	0	400	133	10	11	3	"
"	9:15	80°42.3'N	29°23.6'E	0.2	197	439	0	400	133	10	11	3	"
"	9:30	80°42.4'N	29°20.3'E	2.7	286	460	0	400	133	0	11	3	"
"	9:45	80°42.5'N	29°19.4'E	1.7	338	470	0	430	133	0	11	3	"
"	10:00	80°43.0'N	29°17.5'E	3.7	350/05 (485)	470	0	430	133	0	11	3	"
"	10:15	80°42.8'N	29°02.6'E	12.1	280	533	0	465	133	0	12	3	Kuis
"	10:30	80°41'N	28°56'E	9.6	267.6	830	0	760	133	0	12	3	Kuis
"	10:45	80°41.5'N	28°44.2'E	9.1	222	450	0	425	133	0	12	3	Kuis
"	11:00	80°41.6'N	28°39.0'E	3.0	218	455	0	425	133	0	12	3	Kuis
"	11:15	80°41.1'N	28°26.7'E	10.6	232	300	0	320	133	0	12	3	Kuis

STATION 44/055 Station 44/055
 Paper # 2 → 3
 Ende

Volkman

sprintet und ein, wohl Fiss Rollen;

Zigarettenpause

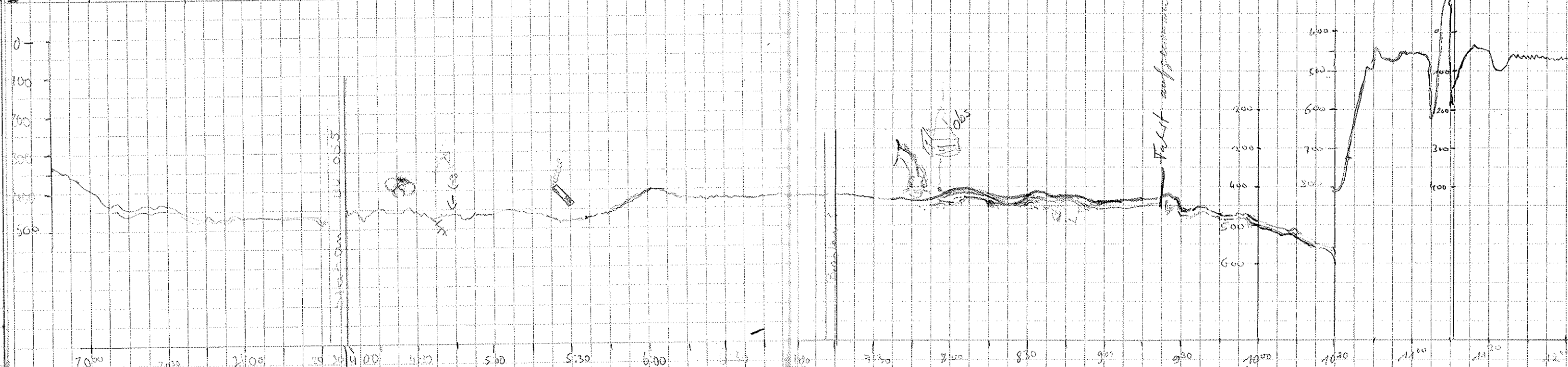
[Ca. 8:45 OFOS]

Stillstand, irgendwas techn. Problem
 40+0 verkehrt & rausper + Netzwerk

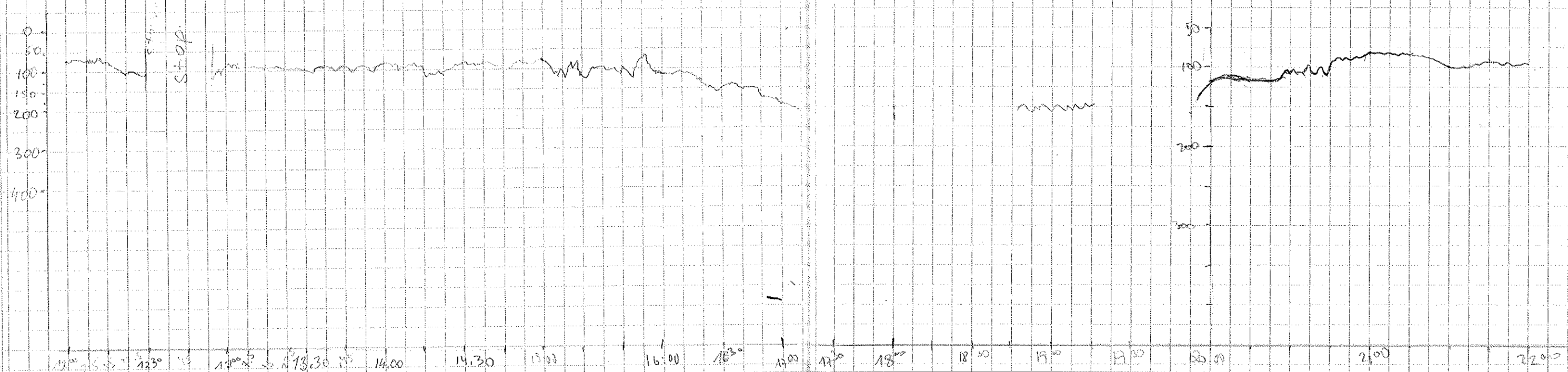
OFOS, z.T. keine Faltst
 " geringe Faltst
 " " "
 " " "
 " selb. schiffe Faltst
 " " " OFOS hievem
 Faltst aufgenommen; 9:23 OFOS an Seite
 Eisfaltst (ca. 3-0.2 km), Kive wechselad
 " auch STOP & RAMMEN →

Band has changed No 12
 Spring von 500 auf 820 m

11th Spring von 450-6 auf 620 m, unter Winch auf
 300 m. erneut auf 576 m unterhalb Tauwende re

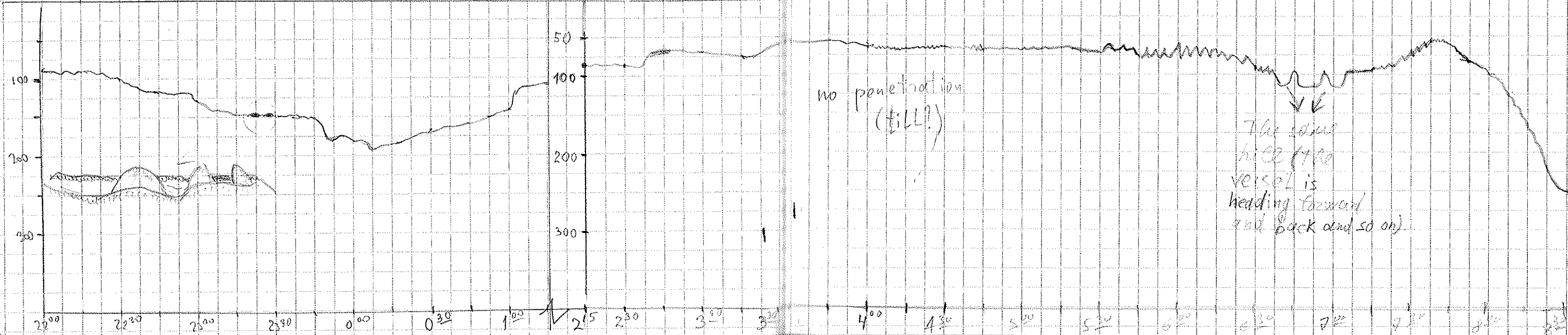


Date	Time	Lat	Long	Speed	Course	Depth m	Height and Depth	Wind	Rec Len	Wait	Tape	Paper	Watchkeeper	
01.07.59	11:30	80° 41.4 N	28° 15.0 E	8.8	285.1	59	0	20	133	0	12	3	Klies	
	11:45	80° 42.1	28° 06.7	8.9	259.1	67	0	30	133	0	12	3	Klies	
	12:00	80° 41.7	27° 57.8	6.3	257.5	76	0	30	133	0	12	3	Klies	
	12:15	80° 42.1	27° 50.3	6.6	302.8	73	0	30	133	0	12	13	Levitau	
	12:30	80° 42.5	27° 45.0	0.7	158.3	103	0	30	133	0	12	3	"	Heavy fog and drifting
	12:45						0	40		40	12	3	"	Stop: (we started 12:55)
	13:00	80° 42.4	27° 39.6	9.7	244.4	93	0	30	133	0	12	3	"	
	13:15	80° 42.2	27° 28.2	5.2	222.6	97	0	30	133	0	12	3	"	
	13:30	80° 42.7	27° 21.9	8.5	277.3	93	0	30	133	0	12	3	"	
	13:45	80° 42.9	27° 13.0	2.7	274.1	102	0	30	133	0	12	3	"	
	14:00	80° 42.9	27° 09.4	5.8	259	85	0	30	133	0	12	3	"	
	14:15	80° 43.7	27° 02.3	5.6	775	91	0	30	133	0	12	3	Nossek	
	14:30	80° 44.3	26° 54.5	4.5	331	105	0	30	133	0	12	3	"	Kunzschig Delay 20 wegen Panne
	15:00	80° 45.3	26° 46.7	6.1	315	104	0	30	133	0	12	3	"	
	15:15	80° 45.3	26° 42.6	3.5	384	110	0	30	133	0	12	3	"	
	15:30	80° 45.3	26° 32.6	6.9	713	116	0	50	133	0	13	3	"	Tape # 12 - 13
	16:00	80° 42.6	26° 24.4	9.1	225	113	0	50	133	0	13	3	"	
	16:15	80° 41.8 N	26° 16.9 E	4.8	231.1	116	0	50	133	0	13	3	Klein	
	16:30	80° 41.3 N	26° 08.6 E	6.4	245.2	152	0	80	133	0	13	3	"	
	16:45	80° 41.1 N	26° 02.5 E	4.8	351.2	167	0	90	133	0	13	3	"	
	17:00	80° 42.2 N	26° 01.2 E	1.2	315.6	183	0	130	133	0	13	3	"	17:11 wait 40 wegen Kirschen
	17:15	80° 42.3 N	26° 00.2 E	0.2	303.2	205	0	130	133	0	13	3	"	17:20 stecken hat
	17:30	80° 42.3 N	26° 00.3 E	0.1	250.1	206	0	130	133	0	13	3	"	
	18:00	80° 42.2	26° 00.5	0.6	288.2	208	0	130	133	0	13	3	Damm	
	18:15	80° 42.4	25° 58.5	1.8	300.9	202	0	130	133	0	13	3	"	Rainfeldt Wait: 40s
	18:30	80° 42.0 N	25° 45.1 E	5.5	283.6	207	0	160	133	0	13	3	Klein	
	19:00	80° 42.9	25° 31.2	4.4	775	167	0	120	133	0	13	3	Nossek	
	20:00	80° 42.9	25° 26.9	4.8	268	116	0	70	133	0	13	3	"	
	20:15	80° 43.1	25° 23.2	0.4	191	136	0	50	133	0	13	3	"	
	20:30	80° 42.9	25° 20.3	1.2	231	108	0	50	133	0	13	3	"	
	20:45	80° 42.8	25° 19.2	6.0	264	90	0	50	133	0	13	3	"	
	21:00	80° 42.6	25° 16.8	1.0	102	85	0	50	133	0	13	3	"	
	21:15	80° 42.9	25° 11.3	3.6	296	87	0	50	133	0	13	3	"	
	21:30	80° 42.5	25° 06.7	0.5	96	100	0	50	133	0	13	3	"	
	21:45	80° 42.5	25° 02.2	1.6	291	87	0	50	133	0	13	3	"	
	22:00	80° 42.3	25° 02.3	4.5	310	89	0	50	133	0	13	3	"	Final Tape 13



Date	Time	Lat.	Long	Speed	Course	Depth PS	Depth HS	Window	Rec Len	Wait	# Tape	# Paper Roll	Watchkeeper	Remarks
10/27/97	22:00	80° 42.9	25° 07.2	4.5	310	89	0	50	133	0	14	3		
	22:15	80° 43.0	25° 01.8	2.1	338	91	0	50	133	0	14	3		
	22:30	80° 43.4	24° 59.4	2.6	354	101	0	50	133	0	14	3		
	22:45	80° 43.9	25° 00.5	1.1	172	122	0	50	133	0	14	3		
	23:00	80° 44.3	25° 00.7	4.5	343	139	0	100	133	0	14	3		
	23:15	80° 45.0	24° 59.1	0.7	151	148	0	100	133	0	14	3		
	23:30	80° 45.3	24° 58.3	3.1	336	150	0	100	133	0	14	3		
	23:45	80° 45.3	24° 58.0	0.2	334	151	0	100	133	0	14	3		
02.07.97	0:00	80° 45.9	24° 54.3	5.3	293	179	0	100	133	0	14	3		
	0:15	80° 47.0	24° 54.8	10.0	12	184	0	100	133	0	14	3	Vladimir	
	0:30	80° 48.3	24° 52.4	5.9	292	169	0	125	133	0	14	3		
	0:45	80° 49.0	24° 45.2	4.8	308	160	0	125	133	0	14	3		
	1:00	80° 50.3	24° 42.1	8.5	356	138	0	100	133	0	14	3		
	2:15	80° 51.3	24° 29.4	1.1	280	87	0	40	133	20	15	3		
	2:30	80° 51.3	24° 28.8	2.4	330	86	0	40	133	20	15	3		
	2:45	80° 52.0	24° 26.0	1.7	140	69	0	40	133	20	15	3		
	3:00	80° 52.3	24° 23.3	3.0	305	70	0	40	133	20	15	3		
	3:15	80° 52.8	24° 21.5	2.0	326	74	0	40	133	20	15	3		
	3:30	80° 52.9	24° 21.1	1.3	322	66	0	40	133	20	15	3		
	3:45	80° 53.3	24° 20.5	1.1	358	64	0	40	133	20	15	3		
	4:00	80° 53.3	24° 20.4	2.8	162	65	0	40	133	20	15	3		
	4:15	80° 53.3	24° 20.6	2.4	332	65	0	40	133	20	15	3	S.M.	
	4:30	80° 53.3	24° 20.6	0.4	343	65	0	40	133	20	15	3	S.M.	
	4:45	80° 53.3	24° 20.7	0.7	298	64	0	40	133	20	15	3	S.M.	
	5:00	80° 53.3	24° 20.3	0.7	301	64	0	40	133	20	15	3		
	5:15	80° 53.3	24° 20.3	3.5	270	65	0	40	133	20	15	3		
	5:30	80° 53.3	24° 19.0	1.5	286	72	0	40	133	20	15	3		
	5:45	80° 53.3	24° 18.8	3.8	299	75	0	40	133	20	15	3		
	6:00	80° 53.3	24° 19.2	1.6	122	68	0	40	133	20	15	3		
	6:15	80° 53.3	24° 19.3	2.2	313	71	0	40	133	20	15	3		
	6:30	80° 53.5	24° 18.1	3.9	320	87	0	40	133	20	15	3		
	6:45	80° 52.8	24° 13.4	4.1	350	114	0	40	133	20	15	3		
	7:00	80° 53.7	24° 13.2	5.2	208	90	0	40	133	20	15	3		
	7:15	80° 53.5	24° 12.4	5.2	218	83	0	40	133	20	15	3		
	7:30	80° 52.8	24° 10.2	7.2	244	72	0	40	133	20	15	3		
	7:45	80° 52.5	24° 04.5	3.3	278	53	0	40	133	20	15	3		
	8:00	80° 52.6	23° 59.2	5.3	245	83	0	40	133	20	15	3		
	8:15	80° 52.3	23° 55.8	4.3	263	137	0	40	133	20	15	3		
	8:30	80° 52.7	23° 49.0	0.7	278	250	0	180	133	20	15	3		

1:11 - Computer "hang"
 → tape # 14 → # 15
 System reset (out of paper) 2 15



Date	Time	Latitude	Longitude	Speed	Course	Depth PS	Depth HS	Window	Rec Len	Lat	Tape No.	Paper Roll No.	Watch Keeper
02.07.37	08:15	80°57' N	23°42.8 E	5.7	325°	281	0	250	133	20	15	3	S.M.
	09:00	80°53.5 N	23°35.1 E	3.5	259°	230	0	200	133	20	15	3	S.M.
	09:30	80°53.5 N	23°27.4 E	8.0	277°	266	0	200	133	20	15	3	Kiehl
	09:45	80°53.5 N	23°25.5 E	2.2	88.8	182	0	200	133	20	15	3	"
	10:15	80°53.5 N	23°22.5 E	1.0	227°	232	0	190	133	20	15	3	Thomsen
	10:30	80°53.15 N	23°21.63 E	6.1	227°	238	0	190	133	20	15	3	"
	10:45	80°53.41 N	23°15.82 E	5.1	227°	178	0	145	133	20	15	3	"
	11:00	80°53.30 N	23°12.45 E	3.3	255°	163	0	050	133	20	15	3	"
	11:15	80°53.10 N	23°09.42 E	1.6	202°	830	0	045	133	20	15	3	"
	11:30	80°53.25 N	23°02.62 E	0.1	253°	64.1	0	045	133	20	15	3	"
	11:45	80°52.56 N	22°56.46 E	2.5	287°	50.7	0	045	133	20	15	3	Thomsen
	12:00	80°53.63 N	22°54.44 E	7.6	280°	88.3	0	045	133	20	15	3	Thomsen
	12:15	80°53.61 N	22°52.58 E	1.4	285°	69.8	0	15	133	20	15	3	"
	12:30	80°53.60 N	22°53.0 E	5.1	298°	61.8	0	15	133	20	15	3	"
	12:45	80°53.24 N	22°51.48 E	3.1	289.4	68.6	0	20	133	20	15	3	"
	13:00	80°53.24 N	22°50.34 E	4.6	286.5	73.2	0	20	133	20	15	3	"
	13:15	80°53.80 N	22°45.6 E	9.1	308.0	84.0	0	60	133	20	15	3	"
	13:30	80°54.31 N	22°38.3 E	6.7	245.2	101	0	60	133	20	15	3	"
	13:45	80°55.47 N	22°31.97 E	8.5	323.0	104	0	80	133	20	15	3	Schmidt
	14:00	80°56.74 N	22°24.91 E	9.2	318.4	113	0	50	133	20	15	3	"
	14:15	80°57.19 N	22°17.07 E	2.1	265°	125	0	50	133	20	15	3	"
	14:30	80°55.69 N	22°11.31 E	7.4	210°	112	0	30	133	20	15	3	"
	14:45	80°54.76 N	22°07.29 E	0.4	185°	127	0	50	133	20	15	3	"
	15:00	80°53.78 N	22°00.30 E	6.8	221°	133	0	50	133	20	15	3	"
	15:15	80°52.45 N	21°51.70 E	8.9	217°	130	0	100	133	20	15	3	"
	15:30	80°52.11 N	21°47.71 E	6.5	233°	126	0	106	133	20	15	3	"
	15:45	80°51.13 N	21°41.59 E	1.6	285°	115	0	100	133	20	15	3	"
	16:00	80°51.23 N	21°39.89 E	3.0	283.4	121	0	100	133	20	15	3	"
	16:15	80°51.77 N	21°31.79 E	8.6	297.6	75	0	30	133	20	15	3	Detleff
	16:30	80°53.05 N	21°29.14 E	1.8	276.9	89	0	30	133	20	15	3	"
	16:45	80°53.38 N	21°22.58 E	3.7	312.5	134	0	70	133	20	15	3	"
	17:00	80°54.55 N	21°21.22 E	5.4	329.0	131	0	70	133	20	15	3	"
	17:15	80°56.13 N	21°17.19 E	6.6	359.0	156	0	70	133	20	15	3	"
	17:30	80°57.74 N	21°11.51 E	8.7	377.0	153	0	100	133	20	16	3	"
	17:45	80°59.33 N	21°07.83 E	1.5	340.0	168	0	100	133	20	16	3	Schmidt
	18:00	80°59.41 N	21°07.86 E	1.1	181.0	168	0	100	133	20	16	3	Schmidt

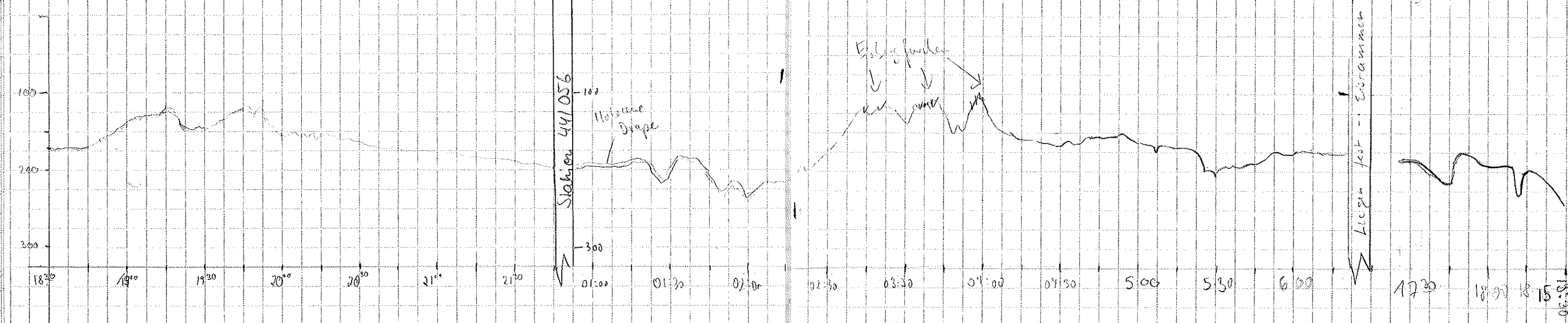
N.P. hat von der Armee erzählt

Detleff

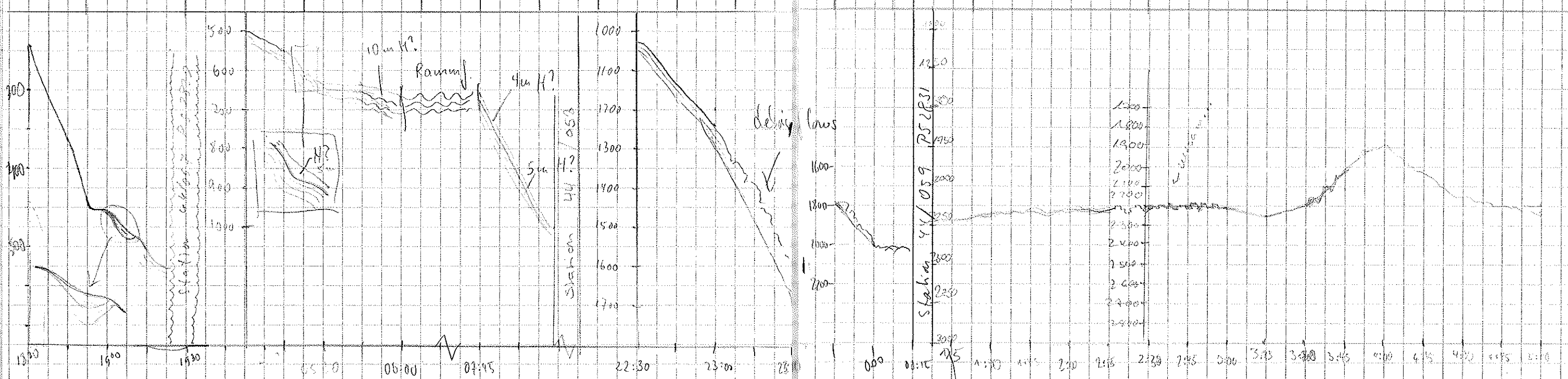
H.P. will zwar nicht, aber ich konnte ihn überzeugen...



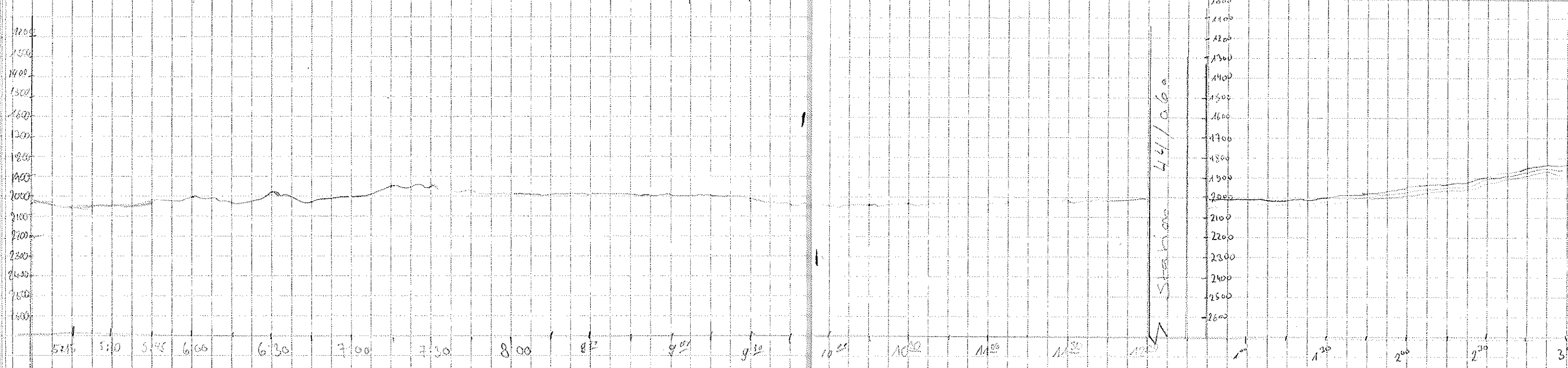
Date	Time	Latitude	Longitude	Speed	Course	Depth PS'	Depth HS'	Wind	Rec. Sec.	Wait	Tape No.	Paper Roll No.	Watch Page	Remarks
02.07.97	18:30	80° 59.71	21° 03.85	7.9	279.8	172	-	100	133	.0	16	3	Belvedere	
"	19:45	80° 59.97	20° 54.29	1.4	309	170	-	100	133	.0	16	3	"	
"	19:00	80° 59.78	20° 47.32	6.5	260.9	134	-	100	133	.0	16	3	"	
"	19:15	80° 59.69	20° 44.18	6.0	276	137	-	100	133	.0	16	3	"	
"	19:30	81° 00.16	20° 33.50	7.5	315	145	-	100	133	.0	16	3	"	
"	19:45	81° 00.29	20° 28.45	6.4	13.6	121	-	100	133	.0	16	3	"	
"	20:00	81° 01.42	20° 42.45	4.3	4.3	152	-	100	133	.0	16	2	"	
"	20:15	81° 02.13	20° 20.59	0.6	92.6	154	-	100	133	.0	16	3	Fahl	
"	20:30	81° 02.87	20° 44.65	10.3	306.4	205	-	150	"	"	"	"	Fehl	
"	20:45	81° 03.22	20° 08.52	0.9	120.9	196	-	150	-14	20	"	"	Fehl	
"	21:00	identisch	"	"	"	"	-	"	"	40	"	"	Fehl	was stecken fest !!
"	21:15	identisch	"	"	"	"	-	"	"	"	"	"	Fehl	
"	21:30	81° 03.76	20° 09.66	3.4	308.1	188	-	150	"	0	"	"	Fehl	
"	21:45	81° 03.92	20° 07.68	1.7	225.1	211	-	150	"	10	"	"	Fehl	Station 44/056 nur CTD
"	22:15	81° 03.83	20° 08.01	1.4	9.1	183	-	150	-11	0	"	"	Fehl	Wasser aus - Wasser auf Südbord
03.07.	00:45	81° 03.0	20° 09.6	3.5	16.9	182	-	130	"	0	16	3	Meeress	Wasser aus
"	01:30	81° 01.8	20° 06.1	17.8	188	198	-	180	"	0	16	4	"	Reperatur 3 → 4 (Recht bzw. Ein/aus)
"	02:00	80° 57.2	19° 58.9	9.8	280	114	-	100	"	0	17	4	"	Wasser aus 5 → w' Band 16 → 17
"	02:30	80° 56.1	19° 48.4	5.7	110	117	-	100	"	0	17	4	"	
"	03:30	80° 51.6	19° 50.0	6.6	180	118	-	100	"	0	17	4	"	
"	04:00	80° 56.6	19° 12.8	8.8	302	135	-	100	"	0	17	4	"	
"	04:30	80° 56.8	19° 03.0	2.7	305	161	-	100	"	0	17	4	"	
03.07.	04:45	80° 58.3	18° 56.7	3.8	30.1	165	-	120	133	0	17	4	Neues Kleiber	
"	5:00	80° 59.5	18° 58.1	1.4	287.3	173	-	120	133	0	17	4	"	Eisrammen
"	5:15	80° 59.8	18° 47.7	4.0	248	178	-	120	133	0	18	4	"	System AB Sprung! Tape #17 → #18
"	5:30	80° 59.2	18° 43.2	3.5	241	200	-	150	133	0	18	4	"	
"	5:45	80° 58.8	18° 46.1	4.6	302	192	-	150	133	0	18	4	"	
"	6:00	80° 59.4	18° 34.7	6.7	282	176	-	150	133	0	18	4	"	
"	6:15	80° 59.3	18° 32.7	6.4	280	176	-	150	133	0	18	4	"	6:20 liegen fest! Eisrammen
"	6:30	80° 59.3	18° 32.7	6.2	273	176	-	150	133	40	18	4	"	Wasser fahren
"	17:30	80° 58.9	18° 28.7	2.2	252	193	-	150	"	0	18	4	Norm	
"	17:45	80° 57.9	18° 23	8.4	232	190	-	150	133	0	18	4	Janu	
"	17:50	80° 57.2	18° 13.3	9.1	227	175	-	150	133	0	18	4	"	
"	18:15	80° 57.2	17° 58.4	7.9	299	200	-	150	133	0	18	4	"	
"	18:30	80° 57.2	17° 47.9	6.9	237	247	-	200	133	0	18	4	"	
"	18:45	80° 56.4	17° 38.3	7.2	242	363	-	330	133	0	18	4	"	
"	19:00	80° 58.2	17° 36.5	8.0	32	445	-	420	133	0	18	4	"	
"	19:15	80° 58.6	17° 27.8	8.1	270	510	-	510	133	0	18	4	"	
"	19:30	80° 58.6	17° 25.0	-	-	522	-	510	133	0	18	4	"	Station 44/057 PS 2830



Date	Time	Latitude	Longitude	Speed	Course	depth (PS)	depth (MS)	windward	Rec Pen	wait	Tape	Paper	watch	keep
4.7.92	05:00	80° 59.2	17° 31.2	6.1	203	530	-	500	133	0	18	4	Mein	Ende Station 44/057 PS 2230
	05:15	80° 59.6	17° 26.6	5.3	222	556	-	500	4	0	"	"	"	"
	05:30	81° 00.2	17° 19.8	5.7	295	610	-	570	0	0	"	"	"	"
	05:45	81° 01.0	17° 18.0	3.0	255	630	-	570	0	0	"	"	"	"
	06:00	81° 02.6	17° 15.7	3.7	313	674	-	630	0	0	"	"	"	6:00 Rammfahrt →
	06:30	81° 02.8	17° 14.6	2.7	-	682	-	630	10	0	"	"	"	"
	07:45	81° 03.1	17° 12.5	10.5	305	725	-	700	0	0	"	"	"	7:45 Rammfahrt Securit
	08:00	81° 05.3	16° 57.6	11.4	329	948	-	910	0	0	"	"	"	"
	08:10	81° 06.1	16° 54.0	6.8	223	998	-	980	133	40	"	4	Kurkur	Station 44/058 begins
	22:30	81° 05.9	16° 52.8	-	218	1028	-	980	133	0	19	4	Nosch	7 Tape # 18 → # 19
	22:45	81° 05.3	16° 49.5	3.2	250	1081	-	1070	-	-	"	"	"	Ende Station 44/058 PS 2231
	23:00	81° 05.2	16° 44.9	3.9	270	1263	-	1170	266	0	"	"	"	Rammfahrt
	23:15	81° 05.2	16° 39.0	3.6	271	1490	-	1400	266	0	19	4	Volkman	"
	23:30	81° 05.3	16° 29.4	7.1	282	1713	-	1650	266	0	19	4	"	"
	23:45	81° 05.0	16° 24.4	4.2	303	1895	-	1850	266	0	19	4	"	"
	00:00	81° 05.7	16° 17.0	11.7	273	2033	-	1956	266	0	19	4	"	"
6.92	1:43	81° 06.1	15° 07.3	8.4	253.1	-	-	1990	266	0	19	4	Reinhardt	W. Grenzwinkel von D. Passen... Tafelstunde nach 1000 Takt... Securit.
	1:11	81° 06.5	15° 54.9	5.7	292.8	2227	-	2100	266	0	19	4	"	"
	1:52	81° 07.1	15° 45.2	2.4	299.4	2273	-	2100	266	0	20	4	"	"
	1:45	81° 07.8	15° 39.85	5.7	313.4	2271.3	-	2100	266	0	20	4	"	"
	2:02	81° 06.3	15° 34.96	3.1	222.9	2215	-	2100	266	0	20	4	"	"
	2:15	81° 06.0	15° 27.11	3.3	249.1	2194	-	2100	266	0	20	4	Schnecke	"
	2:39	81° 07.25	15° 20.63	1.0	103	2266	-	2100	266	0	20	4	"	"
	2:45	81° 06.98	15° 17.19	9.7	211.9	2202	-	2100	266	0	20	4	"	"
	3:00	81° 06.7	15° 13.75	4.4	26.	2214	-	2100	266	0	20	4	"	"
	3:15	81° 06.34	15° 11.56	1.1	236.8	2223	-	2100	266	0	20	4	"	"
	3:30	81° 04.7	15° 07.11	10.2	213.4	2202	-	2100	266	0	20	4	"	"
	3:45	81° 03.9	15° 04.47	13.5	264	2242	-	2000	266	0	20	4	"	"
	6:00	81° 03.9	14° 58.33	5.6	280.1	1839?	-	1900	266	0	20	4	"	Tafel ↔ Farnke? kommt was falsch!
	4:21	81° 04.3	14° 55.7	5.4	290.8	2006	-	1900	266	0	20	4	"	"
	4:30	81° 05.0	14° 38.09	2.3	280.8	2050	-	1900	266	0	20	4	"	Tafel wieder falsch! Tafel & Normaler Tafel... "
	5:00	81° 05.0	14° 32.92	7.8	271.6	2068	-	2000	266	0	20	4	"	"



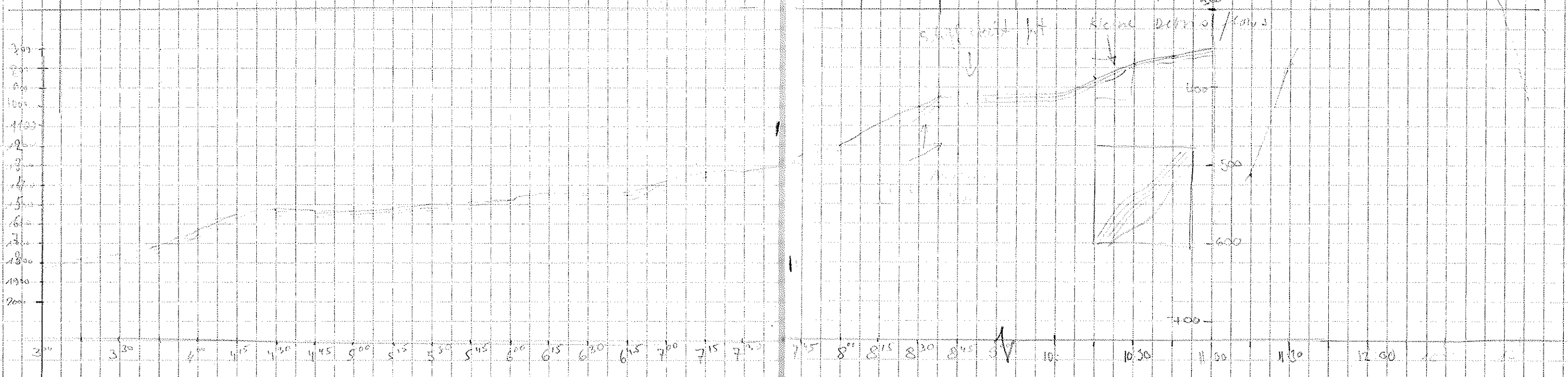
Date	Time	Latitude	Longitude	Speed	Course	Depth	Depth	Water	Temp	Temp	Paper	Remarks	Remarks	
6.7.	5:15	81°00.85	14°26.38	5.5	298.1	2000	-	2000	266	0	20	4	Belinelle	Bottom mud to 1000 fms
	5:30	81°00.19	14°23.25	5.7	277.1	2055	-	2000	266	0	20	4	"	"
	5:45	81°00.47	14°11.39	5.5	253.7	-	-	1900	266	0	20	4	"	"
6	6:00	81°02.0	14°09.1	7.5	157.3	2001	-	1500	266	0	20	4	Khiber	"
"	6:15	81°02.8	14°00.2	5.7	205.7	2025	-	1500	266	0	20	4	"	"
"	6:30	81°01.7	13°56.5	7.5	236.4	1989	-	1500	266	0	20	4	"	"
"	6:45	81°02.2	13°45.6	6.2	246.1	2040.8	-	1900	266	0	20	4	"	"
"	7:00	81°01.2	13°38.0	5.2	250.4	2007	-	1900	266	0	20	4	"	"
"	7:15	80°59.9	13°34.1	8.9	226.3	1954	-	1900	266	0	20	4	"	Traps about 1/2 m long
"	7:30	80°59.2	13°25.2	3.7	270.5	1950	-	1900	266	0	20	4	"	"
"	7:45	80°59.3	13°16.5	4.9	253	1970	-	1900	266	0	20	4	"	"
"	8:00	80°59.0	13°08.3	6.1	273	1973	-	1900	266	0	20	4	"	"
"	8:15	80°59.1	12°59.5	5.2	269	1985	-	1900	266	0	20	4	Detleff	"
"	8:30	80°58.6	12°49.2	6.0	236	1977	-	1900	266	0	20	4	"	"
"	8:45	80°58.2	12°41.7	7	249	1983	-	1900	266	0	20	4	"	"
"	9:00	80°58.3	12°32.3	5.0	264	1999	-	1900	266	0	20	4	"	"
"	9:15	80°58.2	12°25.2	5	326	2007	-	1900	266	0	20	4	"	"
"	9:30	80°58.3	12°21.7	2.4	276	2011	-	1900	266	0	20	4	"	"
"	9:45	80°58.2	12°16.6	1.9	313	2042	-	2000	266	0	20	4	"	"
"	10:00	80°59.1	12°03.5	6.2	301.7	2028	-	2001	266	0	20	4	Detleff	"
"	10:15	80°59.2	12°00.0	3.5	252	2036	-	2000	266	0	20	4	"	"
"	10:30	80°59.0	11°53.9	2.8	40.1	2050	-	2000	266	0	20	4	"	"
"	10:45	80°58.8	11°56.9	1.1	117.0	2077	-	2000	266	0	20	4	"	"
"	11:00	80°58.8	11°56.3	5.3	223.9	2087	-	2000	266	0	20	4	"	"
"	11:15	80°58.8	11°56.9	2.3	40.5	2097	-	2000	266	0	20	4	"	"
"	11:30	80°58.6	11°55.7	2.7	210.2	2090	-	2000	266	0	20	4	"	"
"	11:45	80°58.5	11°55.8	1.7	199.6	2019	-	2000	266	0	20	4	"	"
"	12:00	80°58.3	11°52.4	0.6	188.9	2012	-	2000	266	0	20	4	Schmidt	Station begin 12:00 2057
"	20:30	80°58.5	11°47.5	0.3	247.1	2020	-	1900	266	40	21	5	Rued	End of station 12/060
7.7.57	1:15	80°58.0	11°43.9	5.7	39.1	2021	-	1900	266	0	21	5	huic	"
"	1:30	80°58.7	11°41.05	6.5	154.3	2090	-	1900	266	0	21	5	"	"
"	1:45	80°58.7	11°51.5	6.1	185.7	1977	-	1900	266	0	21	5	"	"
"	2:00	80°58.0	11°52.9	3.9	343.1	1958	-	1800	266	0	21	5	"	"
"	2:15	80°54.5	11°57.0	2.1	178.8	1942	-	1800	266	0	21	5	"	"
"	2:30	80°54.9	11°50.1	9.3	211.0	1882	-	1800	266	0	21	5	"	"
"	2:45	80°53.3	11°52.3	4.6	179.1	1857	-	1700	266	0	21	5	"	"
"	3:00	80°52.8	11°54.3	7.7	234.0	1845	-	1700	266	0	21	5	"	"



Date	T. mo	Lat.	Long.	Speed	Course	Dist ps	Wind	Window	Rec Len	Ward	Tape	Pop	Notes
7.7.27	3 ⁰⁰	80° 51.6	11° 50.4	11.5	183.6	1200	0	1200	266	0	21	5	Amos
	3 ³⁰	80° 50.0	11° 53.1	6.2	147	1310	0	1600	266	0	21	5	"
	3 ⁴⁵	80° 49.17	12° 00.1	5.5	146.4	1604	0	1600	266	0	21	5	"
	4 ⁰⁰	80° 48.2	11° 55.6	6.2	168.7	1649	0	1500	266	0	21	5	"
	4 ¹⁵	80° 46.6 N	11° 53.1 E	7.2	157.8	1562	0	1460	-	0	-	-	Levitan
	4 ³⁰	80° 45.7	11° 52.1	9.4	269.2	1527	0	1400	-	0	-	-	"
	4 ⁴⁵	80° 45.7	11° 49.6	3.7	205.2	1519	0	1700	-	0	-	-	"
	5 ⁰⁰	80° 45.5	11° 49.3	1.9	216.7	1510	0	1400	-	0	-	-	"
	5 ¹⁵	80° 45.4	11° 48.6	1.5	7.1	1505	0	1400	-	0	-	-	"
	5 ³⁰	80° 45.3	11° 48.6	4.3	164.7	1500	0	1400	-	0	-	-	"
	5 ⁴⁵	80° 44.9	11° 51.5	3.6	311.3	1490	0	1400	-	0	-	-	"
	6 ⁰⁰	80° 44.8	11° 52.3	2.1	174.2	1482	0	1400	-	0	-	-	"
	6 ¹⁵	80° 43.9	11° 51.7	1.5	152.2	1452	0	1350	-	0	-	-	"
	6 ³⁰	80° 43.9	11° 53.7	0.3	169.3	1432	0	1350	-	0	-	-	"
	6 ⁴⁵	80° 43.3	11° 57.3	4.7	144.6	1432	0	1300	-	0	-	-	"
	7 ⁰⁰	80° 42.1	11° 56.6	7.5	224.9	1381	0	1300	-	0	-	-	"
	7 ¹⁵	80° 40.8	11° 55.5	8.6	149.9	1328	0	1250	-	0	-	-	"
	7 ³⁰	80° 40.7	11° 55.4	4.1	195.9	1326	0	1250	-	0	-	-	"
	7 ⁴⁵	80° 39.2	11° 53.4	6.3	178.9	1281	0	1200	-	0	-	-	"
	8 ⁰⁰	80° 38.0	11° 48.8	7.0	254.9	1200	0	1100	-	0	-	-	"
	8 ¹⁰	80° 31.6	11° 47.7	10.6	163	1021	0	1000	266	0	21	5	"
	8 ¹⁵	20° 33.0	11° 46.7	2.7	199	958	0	850	4	0	22	5	"
	9 ⁰⁵	20° 32.7	11° 46.5	-	334	953	0	850	4	0	22	5	"
	10 ²⁰	80° 32.8	11° 45.7	3.0	177	916	0	850	7	0	22	5	"
	10 ⁴⁵	80° 31.0 N	11° 38.4 E	8.7	260.6	854	0	850	133	0	22	5	Kleiber
	10 ³⁰	80° 29.8 N	11° 33.3 E	8.8	168.4	782	0	710	133	0	22	5	"
	10 ⁴⁵	80° 29.4 N	11° 34.7 E	4.9	150	745	0	743	133	0	22	5	"
	11 ⁰⁰	80° 28.6 N	11° 36.4 E	8.4	213	693	0	630	133	0	22	5	"
	11 ¹⁵	80° 25.9 N	11° 41.2 E	12.4	184	516	0	480	133	0	22	5	Kühn
	11 ³⁰	80° 25.4 N	11° 40.5 E	6.3	209	365	0	230	133	0	22	5	"
	11 ⁴⁵	80° 21.6 N	11° 34.6 E	8.2	202	228	0	160	133	0	22	5	"
	12 ⁰⁰	80° 19.6 N	11° 29.1 E	10.4	209	205	0	160	133	0	22	5	"
	12 ¹⁵	80° 17.9 N	11° 17.7 E	10.8	230	250	0	160	133	0	22	5	"
	12 ³⁰	80° 15.3 N	11° 21.0 E	11.1	217	184	0	160	133	0	22	5	"
	12 ⁴⁵	80° 13.3 N	11° 16.8 E	10.9	237	226	0	210	133	0	22	5	"
	13 ⁰⁰	80° 12.2 N	11° 14.3 E	10.8	222	407	0	390	133	0	22	5	"

Probleme abstruz
 pulen Tape 1/2,
 Schiff nicht in
 Tape Wechsel
 Einahmen

00x SOD nach Punkt
 Tape 3/2 öffnet nicht
 # 21 -> # 22

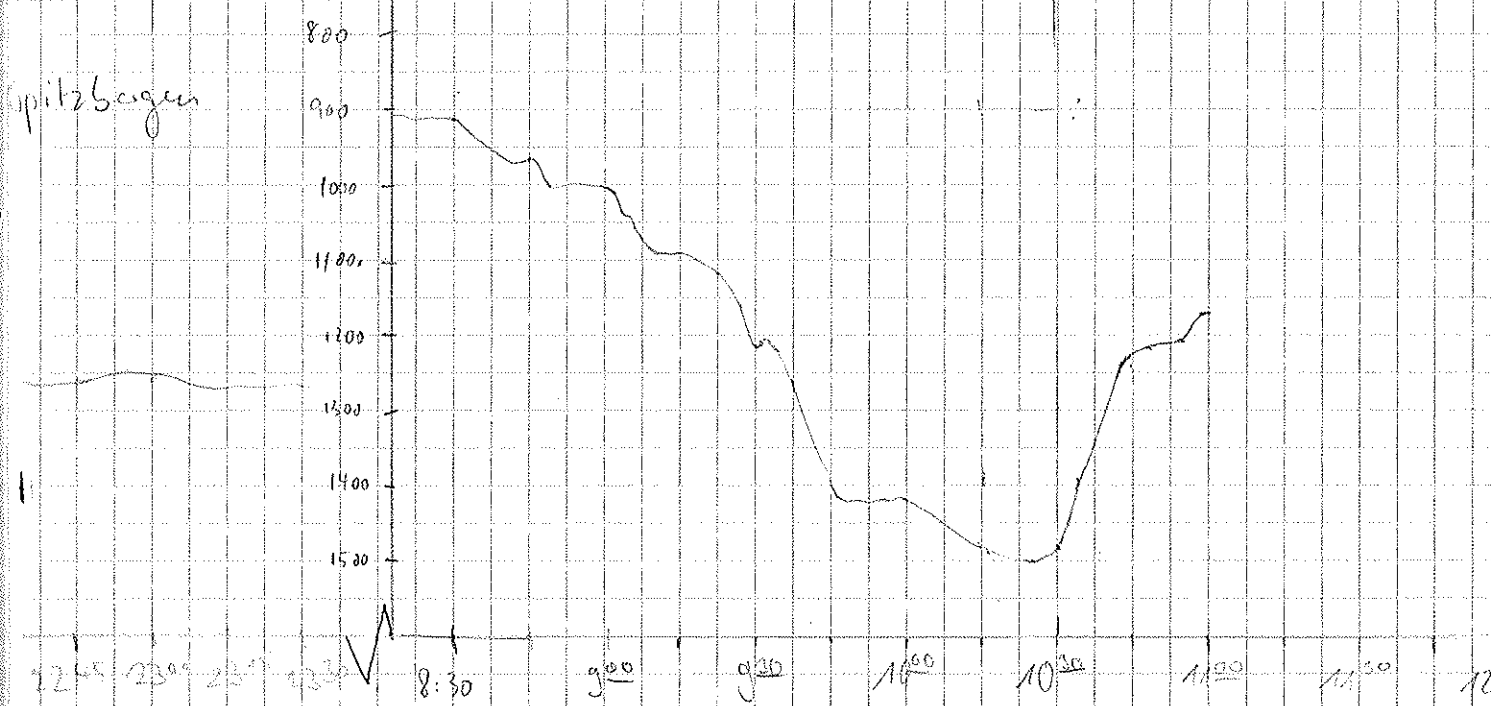
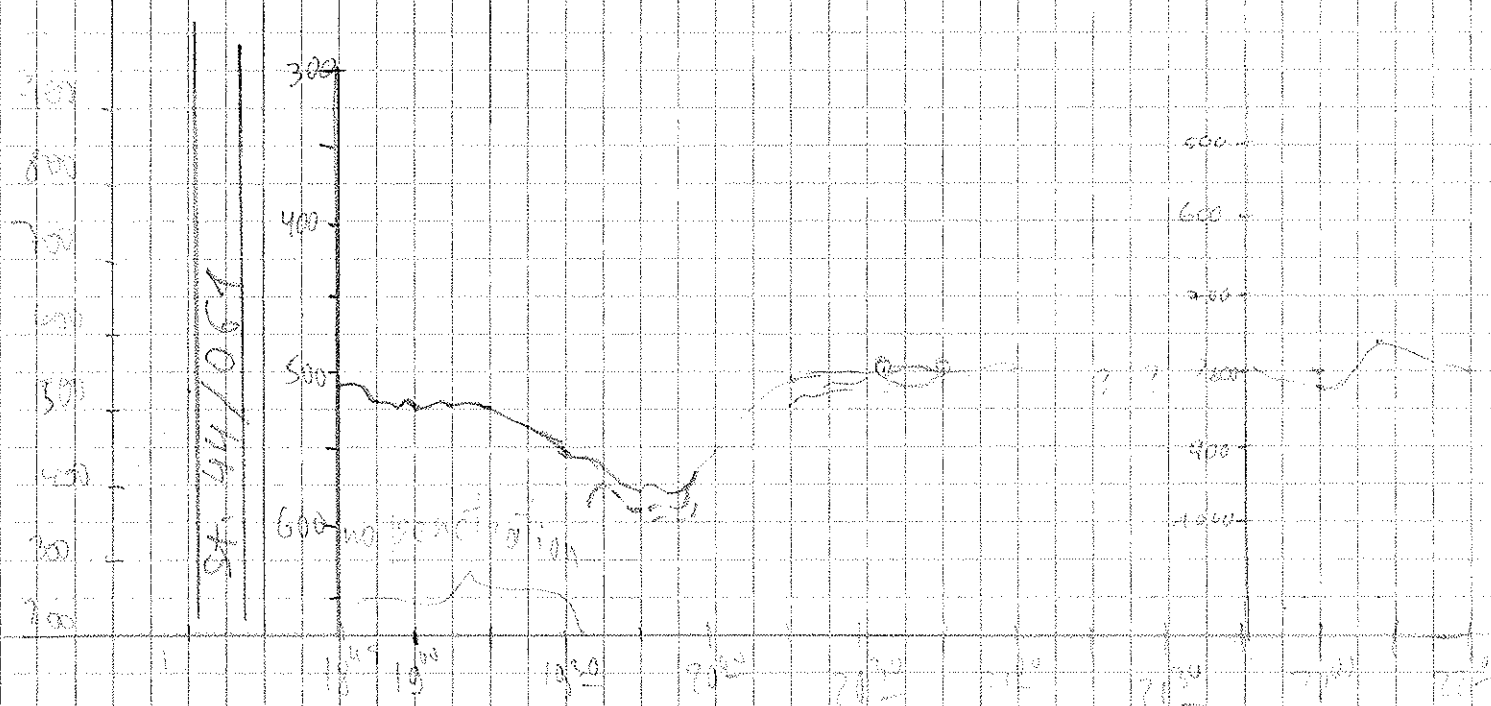


Date	Time	Lat.	Lon.	Speed	Course	Depth	Depth	Window	Rec. Nr.	Walt	Tape	Repart	Name
23.9	18:15	80°10'6"	10°33'4"	11.9	222	472	0	390	133	-	22	5	Damm
	18:45	80°17'6"	10°23'7"	7.5	002	514	0	470	133	0	22	5	S.M. Endst. 94/051, start profiling
	19:00	80°19'4"	10°22'9"	6.7	345	521	0	470	133	0	22	5	S.M.
	19:15	80°15'6"	10°21'4"	4.4	344	513	0	470	133	0	22	5	S.M.
	19:30	80°18'9"	10°20'6"	5.5	350	555	0	470	133	0	22	5	S.M.
	19:45	80°18'3"	10°18'8"	8.2	350	577	0	500	133	0	22	5	S.M.
	20:00	80°18'6"	10°22'10"	5.5	357	855	-	400	133	0	22	5	S.M.
	20:15	80°17'2"	10°19'38"	6.5	236	806	-	450	133	0	22	5	S.M.
	20:30	80°22'55"	10°27'08"	5.9	169	503	-	450	133	0	22	5	S.M.
	20:45	80°27'63"	10°21'49"	3.3	14	504	-	450	133	0	22	5	S.M.
	21:00	80°22'42"	10°22'59"	4.25	117.2	?	-	450	133	0	22	5	S.M.
	21:15	80°23'8"	10°33'29"	7.1	4.5	493	-	450	133	0	22	5	S.M.
	21:30	80°25'30"	10°32'1"	6.1	357	529	-	450	133	0	23	5	S.M.
	21:45	80°27'42"	10°19'6"	5.5	326	?	-	-	133	0	23	5	S.M.
	22:00	80°29'26"	10°29'27"	7.9	294	861	-	400	266	0	23	5	S.M.
	22:15	80°30'27"	10°25'33"	3.7	326	860	-	400	266	0	23	5	S.M.
	22:30	80°31'18"	10°26'06"	7.0	338	806	-	400	266	0	23	5	S.M.
	22:45	80°32'50"	10°25'6"	6.6	328	792	-	-	"	0	23	5	S.M.
	23:00	80°34'05"	10°16'50"	1.7	332	800	-	-	"	0	23	5	S.M.
	23:15	80°34'70"	10°16'10"	2.2	358	831	-	-	"	0	23	5	S.M.
	23:30	80°34'75"	10°16'20"	2.7	173	843	-	-	"	0	23	5	S.M.
	23:45	80°34'85"	10°16'42"	0.2	216	844	-	-	"	0	23	5	S.M.
	23:50	-	-	-	354	844	-	-	"	0	23	5	S.M.
	00:00	80°36'263"	10°11'172"	0.3	171	844	-	-	"	0	23	5	S.M.
	00:05	-	-	-	242	-	-	-	"	0	23	5	S.M.
	00:10	-	-	-	385	-	-	-	"	0	23	5	S.M.
23.9	08:15	80°35'7"	10°20'5"	4.7	005	861	-	740	266	0	23	5	Nimm Deckeloff
	08:30	80°36'48" N	10°17'85" E	4.7	331.4	902	-	840	266	0	23	5	Nimm Deckeloff
	08:45	80°37'45" N	10°19'28" E	3.9	403	967	-	840	266	0	23	5	"
	09:00	80°38'39" N	10°23'46" E	6.1	17.1	1005	-	940	266	0	23	5	"
	09:15	80°39'40" N	10°26'36" E	5.2	216.3	1085	-	940	266	0	23	5	"
	09:30	80°40'35" N	10°30'36" E	7.8	26.7	1230	-	1140	266	0	23	5	"
	09:45	80°41'33" N	10°28'24" E	2.8	29.6	1400	-	1140	266	0	23	5	"
	10:00	80°43'07" N	10°27'35" E	6.5	29.6	1422	-	1340	266	0	23	5	"
	10:15	80°43'30" N	10°30'28" E	5.5	13.1	-	1483	1400	266	0	23	5	Schubst
	10:30	80°44'30" N	10°26'58" E	6.1	293	-	-	1450	266	0	23	5	"
	10:45	80°45'65" N	10°19'48" E	6.6	361	-	1276	1200	266	0	24	5	"
	11:00	80°46'21" N	10°14'31" E	2.5	162	-	1176	1100	266	0	24	5	"

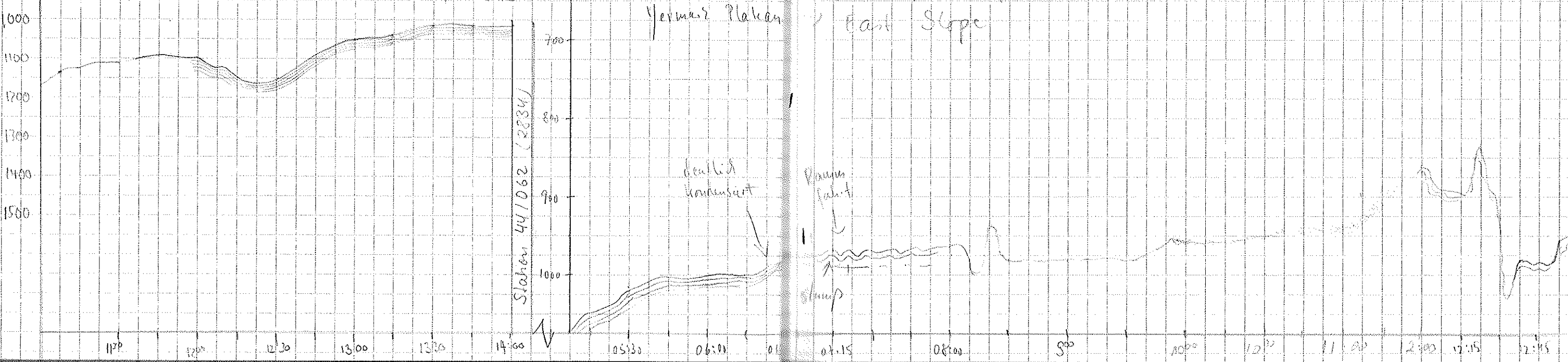
Handlung: In alle 15 Minuten fotografieren!
 Handlung: machen w. das auf dem Dag-
 Bildschirm (reel) ein Bild anschauen,
 darauf den linken und rechten Rand
 durch Zählung 99cm auf der Papierrolle
 stopfen dann 30cm. 7cm
 anrufen! 270

System abhängig! 7.11.
 Polsterer steht in Eis fest
 waiting time: 40 paper speed
 70 10000

Reel angeschlossen! 09:28 - 10:29
 Tape change # 23 -> # 24



Date	Time	Lat	Long	Speed	Course	Depth	Temp	Wind	Wave	Rec. No.	Wail	Tape	Depth	Name
8.7.47	11:15	80° 46.9' N	10° 13.1' E	7.7	325	1127	1100	266	0	24	5	Schicht		
"	11:30	80° 47.8' N	10° 13.3' E	8.4	289	1114	1050	266	0	24	5	"		
"	12:00	80° 49.5' N	10° 11.4' E	2.6	343	1102	1050	266	0	24	5	Kleinbar		
"	12:15	80° 51.3' N	10° 14.4' E	8.8	14.7	1141	1050	266	0	24	5	"		
"	12:30	80° 52.3' N	10° 14.4' E	4.9	230	1147	1050	266	0	24	5	"		
"	12:45	80° 52.3' N	10° 06.5' E	10.0	285.5	1081	1050	266	0	24	5	"		
"	13:00	80° 52.9' N	9° 57.9' E	1.2	334	1048	940	266	0	24	5	"		
"	13:15	80° 53.1' N	9° 56.3' E	5.4	250	1046	940	266	0	24	5	"		
"	13:30	80° 53.3' N	9° 48.2' E	5.4	335	1016	940	266	0	24	5	"		
"	13:45	80° 54.0' N	9° 50.0' E	3.4	323	1020	940	266	0	24	5	"		
"	14:00	80° 54.2' N	9° 51.3' E	3.3	240	1028	940	266	0	24	5	Fahr		
"	14:15	80° 54.3' N	9° 52.3' E	1.7	163	1032	1037	940	0	24	5	Fahr		
"	14:20	80° 54.3' N	9° 53.3' E	1.9	200	1037	1045	940	40	24	5	Fahr		
3.7.47	05:15	80° 55.6' N	9° 51.3' E	5.5	079	1081	940	"	0	21	5	Nissen		
"	05:30	80° 56.1' N	9° 56.3' E	2.5	321	1077	940	"	0	21	5	"		
"	06:00	80° 55.8' N	9° 45.3' E	6.5	284	1014	940	"	0	24	5	"		
"	06:15	80° 56.0' N	9° 44.4' E	3.3	381	1008	1017	950	0	24	5	"		
"	06:45	80° 57.1' N	9° 42.1' E	4.1	350	987	992	950	0	"	"	"		
"	07:00	80° 57.3' N	9° 41.6' E	0.3	370	977	977	982	"	"	"	"		
"	07:15	80° 57.5' N	9° 39.7' E	1.9	330	967	977	950	"	"	"	"		
"	07:30	80° 57.8' N	9° 38.2' E	2.0	030	962	978	950	"	"	"	"		
"	07:45	80° 58.1' N	9° 39.2' E	0.8	026	965	972	950	"	"	"	"		
"	08:00	80° 58.2' N	9° 37.5' E	5.8	303	958	950	"	"	25	"	"		
"	08:15	80° 58.7' N	9° 30.6' E	3.0	85	953	1003	950	"	25	"	Kühn		
"	08:30	80° 59.1' N	9° 26.6' E	3.1	11	982	982	950	"	"	"	Kühn		
"	08:45	80° 59.2' N	9° 26.7' E	3.7	354	988	1200	950	"	25	"	Kühn		
"	09:00	80° 59.1' N	9° 27.1' E	1.6	158	985	981	950	0	25	5	Kühn		
"	09:15	80° 59.1' N	9° 27.2' E	4.3	157	985	980	950	0	25	5	Kühn		
"	09:30	80° 59.4' N	9° 26.6' E	7.7	333	987	1013	950	0	25	5	Kühn		
"	09:45	81° 00.0' N	9° 20.5' E	3.8	4.2	962	970	950	0	25	5	Kühn		
"	10:00	81° 00.4' N	9° 18.0' E	5.1	212	963	967	900	0	25	5	Kühn		
"	10:15	81° 00.1' N	9° 13.6' E	6.7	147.3	962	967	940	0	25	5	Damm		
"	10:30	81° 00.0' N	9° 09.1' E	6.8	260.0	943	956	900	0	25	5	"		
"	10:45	81° 00.1' N	9° 10.1' E	5.1	248	940	913	900	0	25	5	"		
"	11:00	81° 00.1' N	9° 21.1' E	4.3	216	920	911	911	0	25	5	"		
"	11:15	81° 00.2' N	9° 09.3' E	3.2	280	902	912	910	0	25	5	"		
"	11:30	81° 00.3' N	9° 05.3' E	0.2	410	883	910	910	0	25	5	"		
"	11:45	81° 00.3' N	9° 03.5' E	4.7	222	867	913	810	0	25	5	"		
"	12:00	81° 00.3' N	9° 04.1' E	4.1	269	893	893	800	0	25	5	"		



Beginn Station 44062 (2834)

End Station 441062 (2834)

ziemlich viel Eis!

Rammfahrt

Vermessungs Platten

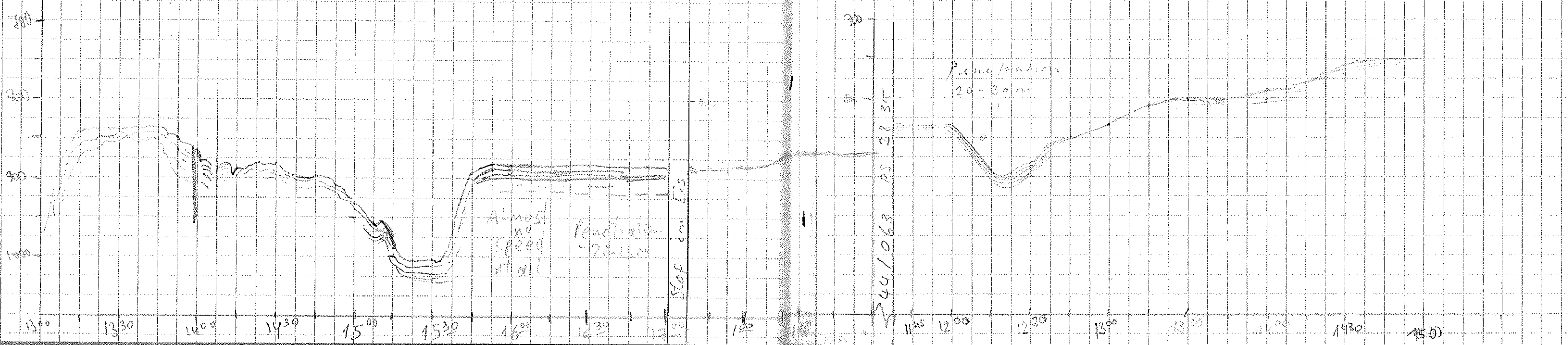
steil

deutlich markiert

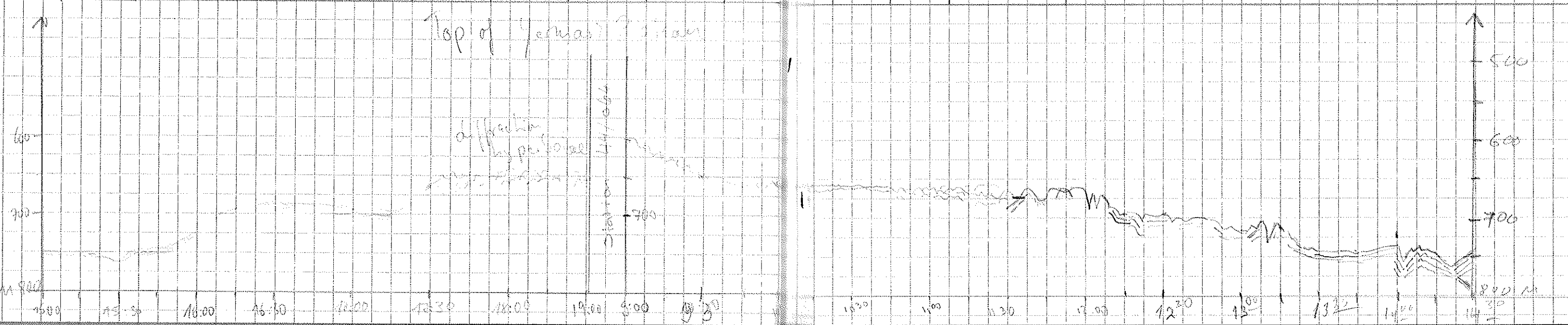
Rammfahrt

stump

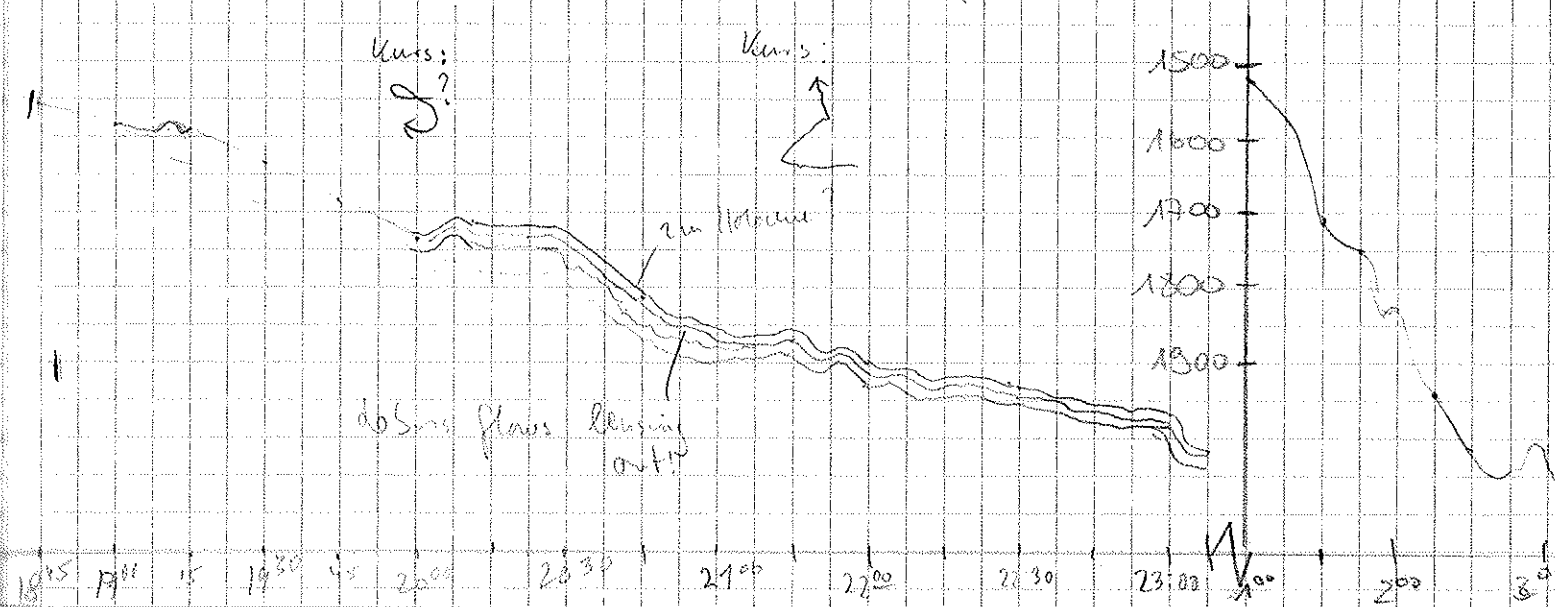
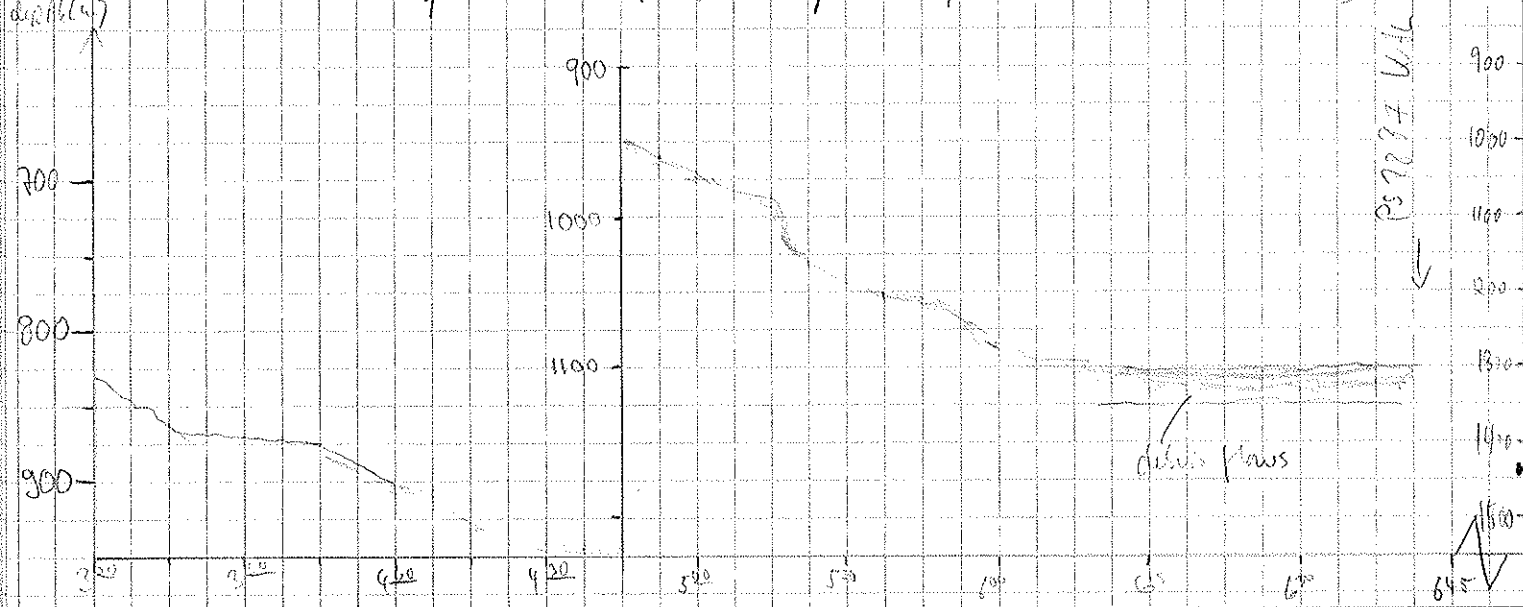
Date	Time	Lat.	Long.	Speed	Course	Depth, #S	Depth, PS	Window	RecLen	Unit	Tape #	Paper #	User	Remarks
9.07.93	17:15	81° 00'	8° 00'	1.1	258	905	900	830	133	0	25	5		
	17:30	80° 52.6	8° 25.5	1.2	239	878	972	800	133	0	15	15		
	17:45	80° 59.9	8° 28.9	1.5	241	1000	991	850	133	0	15	15		
	18:00	80° 55.1	8° 14.4	1.8	306	921	960	950	133	0	15	15		Stop computer???
	18:15	81° 00'	8° 10.0	2.5	312	854	847	800	133	0	26	15		Superficial Error on DAW. Restart REPADIGMA
	18:30	81° 00.3	8° 09.9	2.0	147	854	848	800	133	0	26	15		Tape change #25 → #26
	18:45	81° 00.8	8° 03.1	6.7	305	845	844	800	133	0	26	15		
	19:00	81° 01.4	7° 52.1	7.8	301	839	886	820	133	0	26	15		
	19:15	81° 01.8	7° 44.7	10.0	298	896	890	870	133	0	26	15	Vladimir	
	19:30	81° 02.5	7° 43.7	6.9	357	884	882	830	133	0	26	15		
	19:45	81° 03.2	7° 42.2	4.7	140	903	890	870	133	0	26	15		
	20:00	81° 02.3	7° 37.4	5.1	250	938	934	870	133	0	26	15		
	20:15	81° 02.2	7° 27.9	3.7	298	996	995	960	133	0	26	15		
	20:30	81° 02.4	7° 27.1	2.8	311	1010	1005	960	133	0	26	15		
	20:45	81° 02.7	7° 18.6	2.0	300	895	890	820	133	0	26	15		
	21:00	81° 02.7	7° 18.1	0.2	172	890	885	830	133	0	26	15		
	21:15	81° 02.8	07° 18.2	1.3	106	891	885	830	133	0	26	5	E.M.	
	21:30	81° 02.8	07° 18.1	1.0	101	891	884	830	133	0	26	5		
	21:45	81° 02.8	07° 18.2	0.2	269	891	884	830	133	0	26	5		
	22:00	81° 02.8	07° 18.0	0.6	974	890	884	830	133	0	26	5		
10.07	00:41	81° 04.6N	07° 17.1	1.3	282	889	889	840	133	0	26	5	Mikhael	The vessel is stacked in place. 00:41 is grib meter (grade jilat)
	01:00	81° 04.5N	07° 17.4	2.7	296	888	884	840	133	0	26	5		
	01:15	81° 05.7N	07° 05.5	9.1	315	868	864	846	133	0	26	5		
	01:30	81° 05.4N	07° 04.2E	2.8	148	869	864	830	133	0	26	5		
	01:45	81° 05.6N	06° 59.5E	7.0	216	876	870	830	133	0	26	5		
	02:00	81° 05.3N	06° 58.8E	—	—	875	868	830	133	0	26	5		
	11:45	81° 06.1N	07° 02.4E	7.2	301	864.5	867	810	133	0	26	6	Kleiber	Begin Station 441063 (PS 2835)
	12:00	81° 06.2N	07° 01.2E	7.6	283	867	863	810	133	0	26	6		End of station 441063; Roll #5 → #6
	12:15	81° 06.4N	06° 53.4E	7.3	246	881	886	840	133	0	26	6		Rolling water under ice
	12:30	81° 06.0N	06° 47.1E	4.3	251	876	873	840	133	0	26	6		Sea: SL nitrogen
	12:45	81° 06.3N	06° 40.2E	3.9	348	844	845	800	133	0	26	6		
	13:00	81° 06.3N	06° 36.6E	5.0	299	827	825	770	133	0	26	6		
	13:15	81° 07.1N	06° 34.9E	2.4	196	814	816	770	133	0	26	6	Feld	
	13:30	81° 07.4N	06° 32.6E	1.2	298	804	806	770	133	0	26	6		
	13:45	81° 07.3N	06° 32.5E	1.9	342	801	801	770	133	0	26	6		
	14:00	81° 08.0N	06° 30.9E	5.8	438	791	793	750	133	0	26	6		
	14:15	81° 08.3N	06° 32.1E	2.2	307	798	792	750	133	0	26	6	Volkman	
	14:30	81° 08.7N	06° 27.7E	3.6	305	757	782	750	133	0	26	6		
	14:45	81° 08.9N	06° 18.1E	8.4	249	750	750	700	133	0	26	6		



Date	Time	Lat.	Long.	Speed	Course	Depth HS	Depth PS	Window	Rec Len	Wait	Tape #	Paper #	Heropei	Remarks
10-07	15:00	81°08.9 N	6°17.5 E	2.4	61.3	747	750	700	133	0	26	6	Volkman	3. A-lac. I. dural's E.S
	15:15	81°08.7 N	6°17.0 E	3.8	221.8	750	749	700	"	"	"	"	"	6. "
	15:30	81°08.5 N	6°14.2 E	4.2	291.5	"1260"	748	700	"	"	27	"	"	great height
	15:45	81°08.6 N	6°09.8 E	1.6	105.1	0	730	700	"	"	27	"	"	Deso and Speed EXT (passing Sch. Hagedorn. an)
	16:00	81°08.3 N	6°02.7 E	4.7	305.5	0	709	650	4	"	"	"	"	
	16:15	81°08.2 N	5°58.9 E	5.4	227.8	0	694	650	"	"	27	"	"	
	16:30	81°08.1 N	5°53.1 E	0.5	135.8	0	686	650	"	"	"	"	"	
	16:45	81°08.1 N	5°54.4 E	1.8	124.8	"12967"	681	650	"	"	"	"	"	
	17:00	81°07.5 N	5°52.7 E	1.0	206.2	"13401"	695	650	"	"	"	"	"	
	17:15	81°07.9 N	5°52.6 E	1.3	105.2	"14725"	691	650	"	"	"	"	"	3. dural's dural's E.S
	17:30	81°07.9 N	5°47.8 E	4.8	256.8	"0"	661	600	"	"	"	"	"	
	17:45	81°07.6 N	5°43.4 E	1.1	72.4	"14662"	658	600	"	"	"	"	"	
	17:00	81°07.7 N	5°32.6	2.4	488	645	641	600	"	"	"	"	"	
	19:00	81°07.7 N	5°35.1 E	-	-	-	656	600	"	"	"	"	"	Begin station 1064 PS 2836
11-07	05:00	81°08.2 N	5°45.6 E	0.4	58.2	658	1316	600	"	40	"	"	Kuhn	OTOS, Drite
	07:30	81°08.4 N	5°51.3 E	0.4	87.1	666	666	600	"	40	"	"	"	
	09:00	81°08.3 N	5°50.6 E	3.3	242.1	671	668	620	"	0	"	"	Denn	Winkler
	09:15	81°08.4 N	5°50.7 E	2.7	215	693	653	620	"	0	"	"	"	
	09:30	81°08.2 N	5°46.5 E	3.3	200	671	650	620	"	0	"	"	"	
	09:45	81°08.1 N	5°46.4 E	2.9	44.8	676	658	620	"	0	"	"	"	
	10:00	81°08.1 N	5°46.4 E	2.5	55	650	651	620	"	0	"	"	"	
	10:15	81°08.2 N	5°42.1 E	4.0	116.6	657	656	620	"	0	"	"	"	
	10:30	81°08.2 N	5°47.2 E	3.4	240	678	658	620	"	0	"	"	"	
	10:45	81°08.4 N	5°43.1 E	2.4	9.5	656	655	620	"	0	"	"	"	
	11:00	81°08.6 N	5°47.7 E	1.1	223	655	654	620	"	0	"	"	"	
	11:15	81°08.4 N	5°39.0 E	4.2	228	655	652	620	"	0	"	"	"	
	11:30	81°08.3 N	5°31.8 E	4.4	226	655	654	620	"	0	"	"	"	
	11:45	81°08.4 N	5°25.2 E	3.7	322	655	654	620	"	0	"	"	"	
	12:00	81°08.5 N	5°24.6 E	2.8	305	659	659	620	"	0	"	"	"	
	12:15	81°08.6 N	5°09.9 E	3.8	262	0	697	640	"	0	"	"	"	
	12:30	81°08.0 N	5°03.1 E	2.5	178	0	695	640	"	0	"	"	"	
	12:45	81°07.5 N	4°59.5 E	7.6	272	0	707	660	"	0	"	"	"	
	13:00	81°07.5 N	4°50.6 E	0.7	250	-	719	660	"	0	"	"	"	
	13:15	81°07.6 N	4°38.3 E	8.8	273	-	716	660	"	0	"	"	"	
	13:30	81°09.2 N	4°35.2 E	4.5	17	-	743	680	"	0	"	"	"	13 ⁴⁰ Tape change #27 → #28
	13:45	81°10.8 N	4°34.8 E	2.9	11	-	746	680	"	0	"	"	"	
	14:00	81°12.3 N	4°33.3 E	6.4	294	-	730	700	"	0	"	"	"	
	14:15	81°12.7 N	04°27.8 E	5.9	342	-	748	700	"	0	"	"	"	
	14:30	81°12.7 N	04°20.8 E	7.3	248	-	750	700	"	0	"	"	"	



date	time	lat.	long.	speed	course	depth MS	depth BS	Windows	rec. km	wait	tape	paper	Victims	remarks
12.09.97	03:15	81° 11.13 N	03° 01.76 E	4.2	302.7	873	850	800	133	0	29	6	DeLoff	
	03:30	81° 12.63 N	02° 56.65 E	4.7	299	-	869	800	133	0	29	6	"	
	03:45	81° 12.68 N	02° 55.98 E	1.0	315.0	875	875	840	133	0	29	6	"	
	04:00	81° 13.07 N	2° 48.52 E	5.3	348	906	918	840	137	0	29	6	vdLoeff	
	4:15	81° 14.0 N	2° 41.52 E	7.6	266	-	974	870	137	0	29	6	"	
	4:30	81° 14.0 N	2° 40.9 E	2.3	254	944	-	870	137	0	29	6	"	
	4:45	81° 14.06 N	2° 39.6 E	2.1	283	946	912	870	137	0	29	6	"	
	5:00	81° 14.03 N	2° 38.6 E	4.3	287	976	968	910	137	0	29	6	"	
	5:15	81° 14.5 N	2° 27.9 E	5.9	278	978	979	970	137	0	29	6	"	
	5:30	81° 14.9 N	2° 22.6 E	7.3	286	1084	1079	970	133	0	29	6	"	
	5:45	81° 14.9 N	2° 17.4 E	1.6	226	1061	1054	970	137	0	29	6	"	
	6:00	81° 15.3 N	2° 12.3 E	6.6	262	105	1084	1010	137	0	29	6	"	
	6:15	81° 14.9 N	2° 09.16 E	5.5	199	1112	1107	1050	137	0	29	6	"	
	6:30	81° 14.5 N	2° 09 E	2.2	165	1131	1106	1050	133	0	29	6	"	
	6:45	81° 13.6 N	2° 11.37 E	5.5	187	1108	1101	1050	137	40	29	6	"	
12.9.97	18:45	81° 13.6 N	2° 32.0 E	3.9	230	963	962	920	266	0	29	7	Norin	Station 649 0441065
	19:00	81° 13.4 N	2° 32.4 E	3.2	334	981	983	880	-	0	-	-	Larivan	Paper Change #6 → #7
	19:15	81° 13.5 N	2° 28.6 E	3.2	74	1007	1000	880	-	0	-	-	"	
	19:30	81° 12.6 N	2° 21.3 E	2.9	226	1046	1042	920	-	0	-	-	"	
	19:45	81° 12.7 N	2° 13.8 E	5.7	276	1098	1092	970	-	0	-	-	"	
	20:00	81° 12.7 N	2° 07.3 E	5.2	236	1143	1137	1020	-	0	-	-	"	
	20:15	81° 11	2° 11.2	8.4	181	1121	1117	1020	-	0	-	-	Norin	arrived north of Sta 3!
	20:30	81° 10.1	2° 07.3	6.1	720	1147	1153	1070	-	0	-	-	"	
	20:45	81° 10.2 N	2° 00.0 E	1.1	796	1203	1207	1020	-	0	-	-	"	
	21:15	81° 11.3	1° 50.1	0.2	210	1287	1293	1210	-	0	-	-	"	
	21:45	81° 12.0	1° 52.8 E	2.2	009	1257	1261	1210	-	0	-	-	"	north Norden?
	22:00	81° 13.1	1° 46.2	5.0	304	1306	1310	1210	-	0	-	-	"	
	22:20	81° 14.9	1° 41.2	2.9	005	1345	1338	1210	-	0	-	-	"	
	22:30	81° 15.8	1° 31.2	8.2	336	-	1365	1350	-	0	-	-	"	
	23:15	81° 16.3	1° 31.1	0	-	1425	-	1350	-	40	-	-	"	
13.9.97	0:45	81° 16.8 N	1° 27.4 E	2.4	311	13847	1456	1350	-	0	31	7	Kühn	Begin CTD - station 044/066
	1:00	81° 17.0 N	1° 22.2 E	5.4	219	15296	1531	1500	-	0	31	7	Kühn	Norin bei 49.7 s waiting time
	1:15	81° 17.1 N	1° 14.3 E	7.2	20.6	14338	1578	1580	-	0	-	-	Kühn	Paral 044/066A 00:35, END of Station
	1:30	81° 17.4 N	1° 09.3 E	7.2	220	14669	1705	1580	-	0	-	-	Kühn	
	1:45	81° 17.3 N	1° 06.0 E	6.7	299	14758	1752	1580	-	0	-	-	Kühn	
	2:00	81° 17.0 N	1° 01.3 E	1.5	198	14740	-	1700	-	0	-	-	Kühn	
	2:15	81° 16.4 N	0° 58.7 E	6.7	302	15359	-	1840	-	0	-	-	vdLoeff	Signal OK, but no correct depth indication
	2:30	81° 16.3 N	0° 52.6 E	0.5	356	13306	(1360)	1940	-	0	-	-	"	
	2:45	81° 16.8 N	0° 47.6 E	5.2	280	12766	(1448)	1940	-	0	-	-	"	
	3:00	81° 17.6 N	0° 43.4 E	7.0	273	-	(1303)	1940	-	0	-	-	"	Tape 2 meter change sounds



date	time	lat.	long.	speed	course	depth H/S	depth PS	Window	rec length	wait	base	paper
13.07.97	3:15	81° 17.5 N	0° 35.2 E	5.3	255	14862	2124	2040	266	0	31	7,1
	3:30	81° 17.4 N	0° 28.1 E	4.8	314	-	2282	2140	"	"	"	"
	3:45	81° 17.1 N	0° 24.6 E	1.4	234	2341	2324	2250	"	"	"	"
	4:00	81° 17.2 N	0° 19.6 E	1.5	258	-	2445	2360	"	"	"	"
	4:20	81° 17.2	0° 13.2 E	0	-	-	2457	2410	"	40	"	"
14.07.97	8:10	81° 17.3 N	0° 37.4 E	1.5	250	2141	2133	2650	266	0	31	7
	8:15	-	-	3.2	UV	2140	2131	2650	-11-	0	31	7
	8:30	81° 17.9 N	0° 32.1 E	3.6	306	2497	2488	"	-11-	-11-	-11-	-11-
	8:45	81° 18.1 N	0° 24.2 E	5.2	199	2480	2324	2250	-11-	-11-	-11-	-11-
	9:00	81° 17.9 N	0° 13.9 E	3.8	277	2491	2486	2350	-11-	-11-	-11-	-11-
	9:15	81° 17.8 N	0° 07.1 E	5.2	218	2529	2537	2450	-11-	-11-	-11-	-11-
	9:30	81° 17.5 N	0° 02.9 E	2.2	317	2586	2561	2450	-11-	-11-	-11-	-11-
	9:45	81° 17.5 N	0° 07.9 W	1.7	283	2627	2621	2550	-11-	-11-	-11-	-11-
	10:00	81° 19.0 N	0° 15.5 W	9.1	281	2627	2626	2550	-11-	-11-	-11-	-11-
	10:15	81° 19.1 N	0° 23.8 W	10.2	357	2691	2661	2550	"	"	"	Vollkommen
	10:30	81° 20.6 N	0° 31.2 W	8.9	263	2714	2710	2650	"	"	32	"
	10:45	81° 21.5 N	0° 40.5 W	9.6	316	2792	2785	2650	"	"	"	"
	11:00	81° 22.3 N	0° 52.7 W	6.6	116	2952	2946	2850	"	"	"	"
	11:15	81° 23.3 N	0° 57.9 W	9.2	334	2984	2979	2850	"	"	"	"
	11:30	81° 24.0 N	0° 58.2 W	0.1	196	2989	2995	2920	11	40	"	"
14.07.97	20:15	81° 24.2 N	0° 57.7 W	0.3	86.7	2989	2982	2920	"	40	"	"
	22:15	81° 24.2 N	0° 55.3 W	0.1	137	2973	2972	2920	"	40	"	"
15.7.97	00:49	81° 24.2	0° 51.0 W	7.5	024	2957	2946	2920	1246	0	32	8
	01:05	81° 26.5	0° 57.0 W	17.4	334	2978	2978	2850	"	"	"	"
	01:36	81° 28.8	1° 30.0 W	8.7	221	3108	3106	2990	"	"	"	"
	01:46	81° 28.6	1° 37.8 W	12.1	301	3140	3132	2990	"	"	"	"
	02:15	81° 28.3	1° 52.3 W	3.0	224	3148	3143	3130	"	"	"	"
	02:30	81° 28.2	1° 58.9 W	4.1	285	-	3119	3200	"	"	"	"
	02:47	81° 27.6	2° 06.5 W	2.6	251	3207	3147	3060	-11-	-11-	-11-	-11-
	03:15	81° 27.3	2° 12.4 W	6.3	306	3315	3334	3260	"	"	"	"
	03:45	81° 27.3	2° 33.8	8.4	324	3199	3182	3100	"	"	"	"
	04:00	81° 28.2	2° 50.1	10.7	307	4082	4105	4000	"	"	"	"
	04:15	81° 27.9	3° 07	10.6	201	4187	4177	4100	"	200	"	"
	05:00	81° 31.5	3° 17.1	7.1	354	4187	4193	4100	"	"	"	"
	05:15	81° 30.8	3° 28	13.4	205	4197	4121	4080	"	"	"	"
	05:45	81° 29.4	3° 54.6	5.3	334	3376	3343	3290	"	"	"	"
	06:00	81° 31.6	3° 57.5	11.8	262	3435	3457	3360	"	"	"	"

Station 44/067 PS2838

End of station 44/067

Frankie, I'm sorry - NULL CHANCE FOR "THE ICE"
SWE "SAUBERE" WASSERLAUFE

Wieso werden eigentlich ab 9.07.97 die
Spalten für "Depth H/S" und "Depth PS"
vertauscht? und herärs !!

Station begin 75 2839

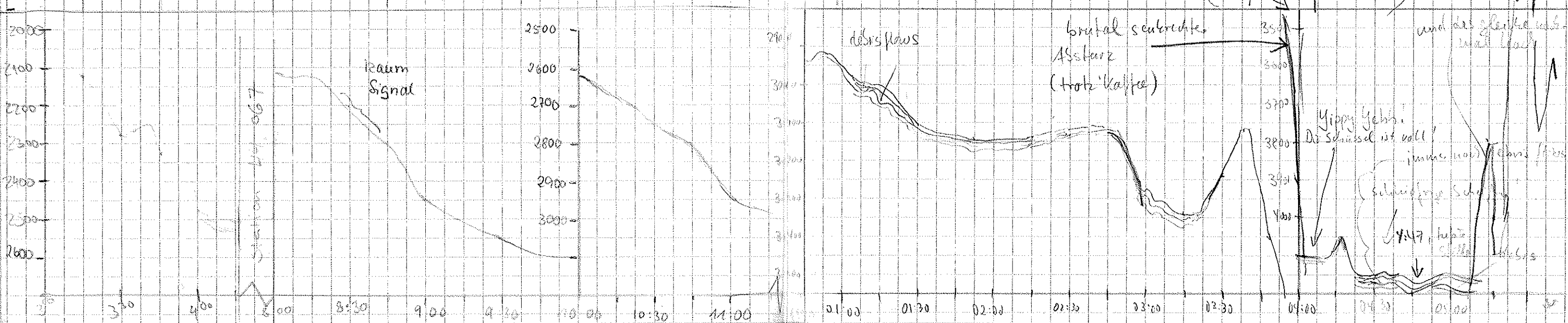
2140 Papier Wechsel #7 - #8

Ende Station PS2839

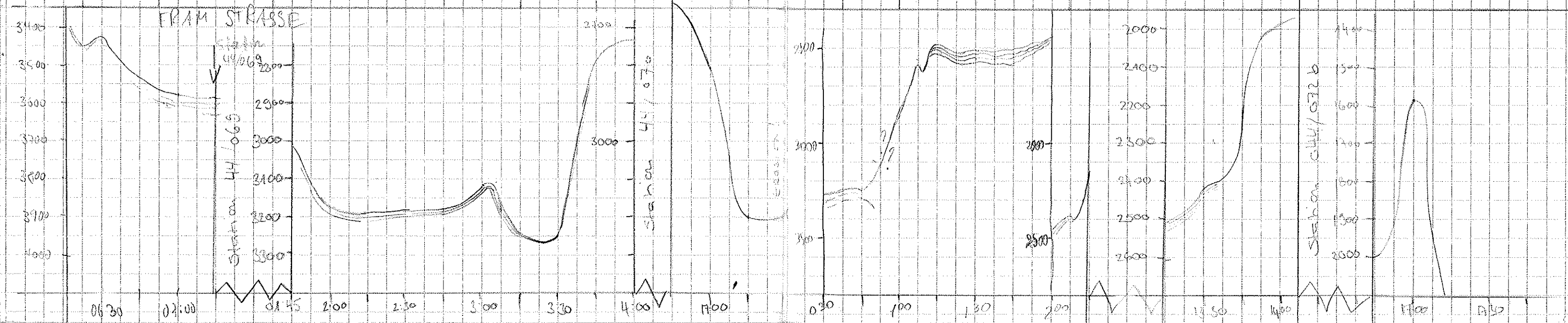
"Kühlerzeit" Ausgestaltung des Waukbases durch
Rabattungen

Feld → Dex Euthagium ist meine Berechtigung zur
Freiwilligen 0-4 Uhr-Wache (hobi)

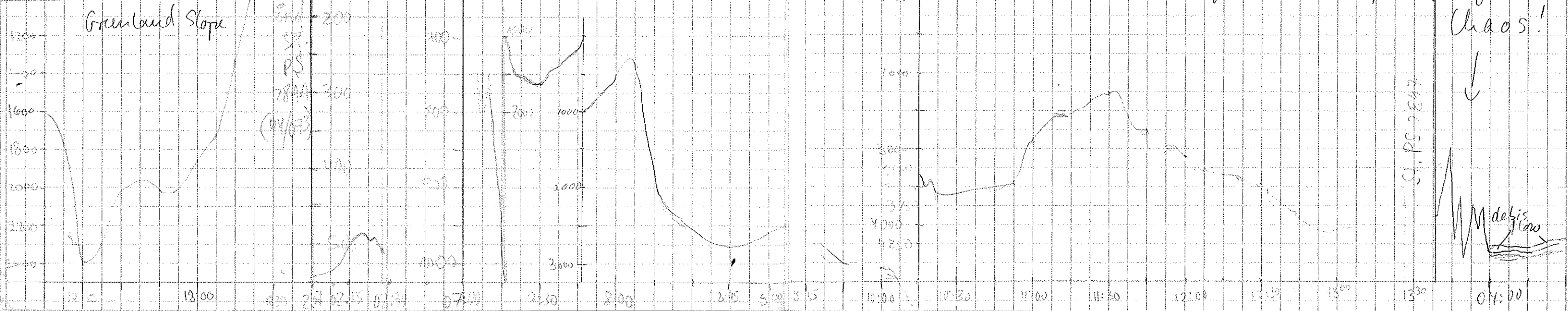
Station 044/067 PS2840
Wart-Jahre !!



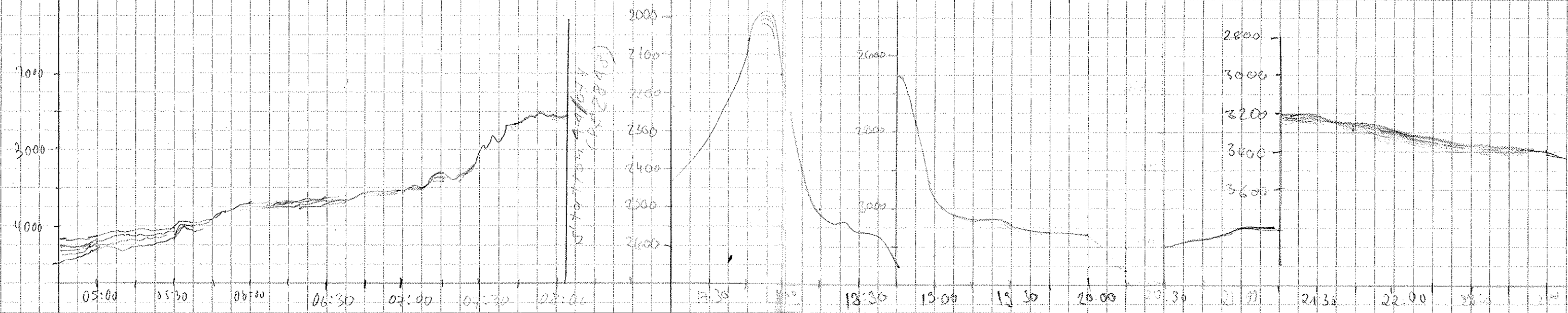
Date	Time	Lat	Long	Speed	Course	Depth PS	Depth MS	Wind	Rec Sec	Wirt	Tape #	Reel #	Slave	Notice Board
15.7.	6:50	81° 29.0	4° 56.0	12.1	284	3560	8567	3500	266	0	33	8	Missen	
"	7:15	81° 29.8	4° 19.3	6.5	293	3581	8589	3500	266	0	"	"	"	
"	7:20	81° 29.6	5° 25.1	"	"	3580	8587	3500	"	40	"	"	"	Station 44/069 PS 2840
16.7.	1:40	81° 21.2' N	5° 25.0' W	1.2	183	3038	3055	2580	266	40	33	8	Klein	End of station 44/063
"	2:00	81° 20.8' N	5° 34.7' W	10.0	309	3175	3182	3100	266	40	33	8	"	
"	2:15	81° 23.2' N	5° 45.2' W	11.4	320	3180	3194	3100	266	40	33	8	"	
"	2:30	81° 24.6' N	5° 59.5' W	10.6	297	3182	3187	3100	266	40	33	8	"	
"	2:45	81° 25.1' N	6° 08.4' W	4.8	257	3180	3180	3100	266	40	33	8	"	
"	3:00	81° 26.3' N	6° 15.6' W	5.4	327	3141	3152	3100	266	0	33	8	"	
"	3:15	81° 28.6' N	6° 19.2' W	10.8	315	3256	3255	3100	266	0	33	8	"	
"	3:30	81° 30.2' N	6° 29.6' W	8.0	250	-	3254	3180	266	0	33	8	"	
"	3:45	81° 29.7' N	6° 46.5' W	9.5	320	2735	2766	2650	266	0	33	8	"	
"	4:00	81° 31.1' N	6° 49.8' W	6.4	277	2724	2742	2610	266	0	33	8	"	Station 44/070
"	16:45	81° 31.4' N	6° 53.3' W	6.5	122	2619	2630	2540	266	0	33	8	"	End of station 44/070
"	17:00	81° 23.7' N	6° 43.3' W	9.6	137	-	2833	2770	266	0	33	8	"	Back to position 81° 26.4' N / 6° 16.05
"	17:15	81° 29.0' N	6° 36.4' W	8.5	152	3200	3204	3150	266	0	33	8	"	
"	17:30	81° 27.6' N	6° 25.2' W	8.7	133	3177	3188	3050	266	0	33	8	"	
"	17:45	81° 26.8' N	6° 20.5' W	6.1	253	3160	3165	3050	266	10	34	8	"	Station 44/071 Tape # 33 → # 34
17.07.91	0:30	81° 28.5' N	6° 25.2' W	8.0	324	3246	3267	3200	-1-	-1-	-1-	-1-	"	
"	0:45	81° 30.2' N	6° 32.5' W	11.3	281	3240	3238	3200	-1-	-1-	-1-	-1-	"	
"	1:00	81° 31.2' N	6° 48.0' W	8.9	201	2700	2817	2800	-1-	-1-	-1-	-1-	"	
"	1:15	81° 31.8' N	6° 59.9' W	10.6	206	2486	2497	2400	-1-	-1-	-1-	-1-	"	
"	1:30	81° 33.6' N	7° 15.9' W	10.3	286	2521	2525	2400	-1-	-1-	-1-	-1-	"	
"	1:45	81° 34.8' N	7° 32.9' W	11.2	301	2518	2511	2400	-1-	-1-	-1-	-1-	"	
"	2:00	81° 34.8' N	7° 51.0' W	10.9	259	2441	2474	2300	-1-	-1-	-1-	-1-	"	
"	2:15	81° 34.3' N	8° 09.8' W	9.5	273	2207	2180	2100	-1-	-1-	-1-	-1-	"	
"	2:30	81° 34.8' N	8° 11.4' W	7.1	181	1983	-	1700	-1-	-1-	-1-	-1-	"	
17.07.91	9:30	81° 34.8' N	7° 40.4' W	7.7	37	-	2520	2220	266	0	34	8	"	back to position 81° 33.6' N / 7° 15.3' W
"	9:45	81° 34.2' N	7° 29.6' W	7.9	122	-	2518	2230	266	0	34	8	"	
"	10:00	81° 34.0' N	7° 16.2' W	6.9	252	-	2529	2480	266	40	34	8	"	Station 44/072
17.07.91	13:15	81° 34.1' N	7° 37.4' W	3.4	283	-	2514	2420	266	0	34	8	"	End of station 44/072
"	13:30	81° 34.4' N	7° 47.7' W	9.5	278	-	2474	2360	266	0	34	8	"	
"	13:45	81° 34.7' N	8° 03	9.5	273	-	2430	2350	266	0	34	8	"	
"	14:00	81° 34.8' N	8° 11.7	4.6	175	-	-	1850	266	0	34	8	"	
"	14:06	81° 34.8' N	8° 10.34	0.9	215	-	1960	2026	266	0	34	8	"	Station 44/072b
"	16:45	81° 35.0' N	8° 10.5	3.6	338	-	2000	1800	266	0	34	8	"	End of station 44/072b
"	17:00	81° 35.0' N	8° 25.2' W	9.6	269	-	1532	1480	266	0	34	8	"	



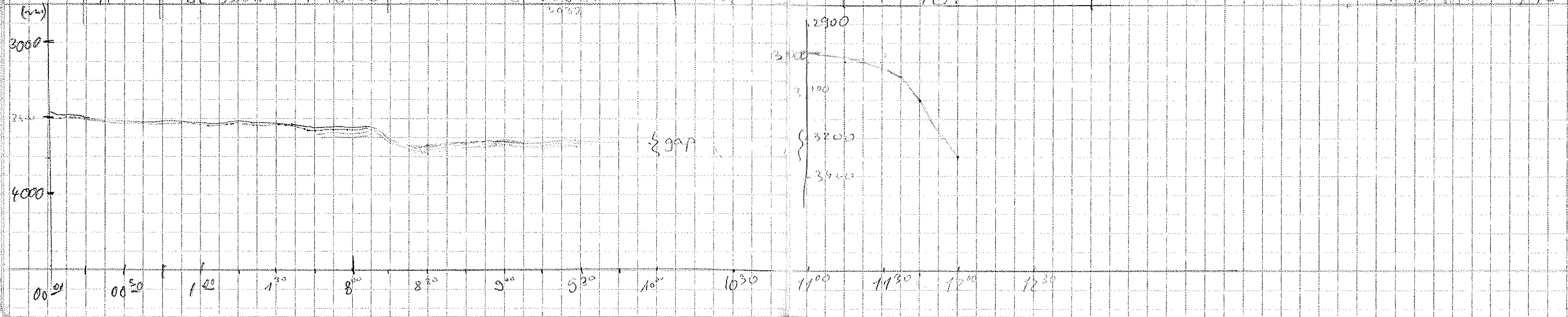
DATE	TIME	LAT	LONG	SPEED	COURSE	DEPTH PS	DEPTH #S	SOUNDING	SEC	WAIT	TAPE	TAPES	NAME	REMARKS
17.07.67	17:15	81° 34.8' N	8° 41.81' W	10.1	267	-	2400	2580	260	0	84	8	Kleber	
	17:30	81° 34.3' N	8° 41.2' W	9.6	265	-	2450	1920	260	0	34	8	"	
	17:45	81° 34.5' N	8° 41.2' W	8:0	271	-	2030	1920	260	0	34	8	"	
	18:00	81° 34.8' N	8° 40.9' W	8:8	270	1856	1868	180	260	0	34	8	"	
	18:15	81° 34.8' N	8° 40.7' W	8:8	266	1731	1741	170	260	0	34	8	"	
	18:30	81° 34.9' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	18:45	81° 35.1' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	18:00	81° 35.1' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	18:15	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	18:30	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
18.07.67	08:07	81° 35.1' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	08:15	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	08:25	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	08:30	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	08:45	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	08:50	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	09:00	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	09:15	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	09:30	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	09:45	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	09:50	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	10:00	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	10:15	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	10:30	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	10:45	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	11:00	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	11:15	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	11:30	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	11:45	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
	12:00	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"	
12:15	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"		
12:30	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"		
12:45	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"		
13:00	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"		
13:15	81° 35.3' N	8° 40.7' W	8:8	266	848	860	80	260	0	34	8	"		
19.07	02:22	81° 53.7	4° 38.8	0.1	64	4123	4149	4030	-	40	36	-	"	Tape 1/2800
	03:37	81° 50.0	4° 00.5 W	8.1	045	3479	3512	3400	-	0	36	9	Nessee	13:22 Bestimmung et St. PS 2047
	04:00	81° 51.4	3° 47.6	7.1	091	4137	4211	4100	-	"	"	"	"	Kein Plausond Eimo - an steil / zu viel Eis
	04:30	81° 52.5	03° 37.3	10.9	058	4162	-	4100	-	"	"	"	"	Puls löst 8! Hydrosweep ausgehängt



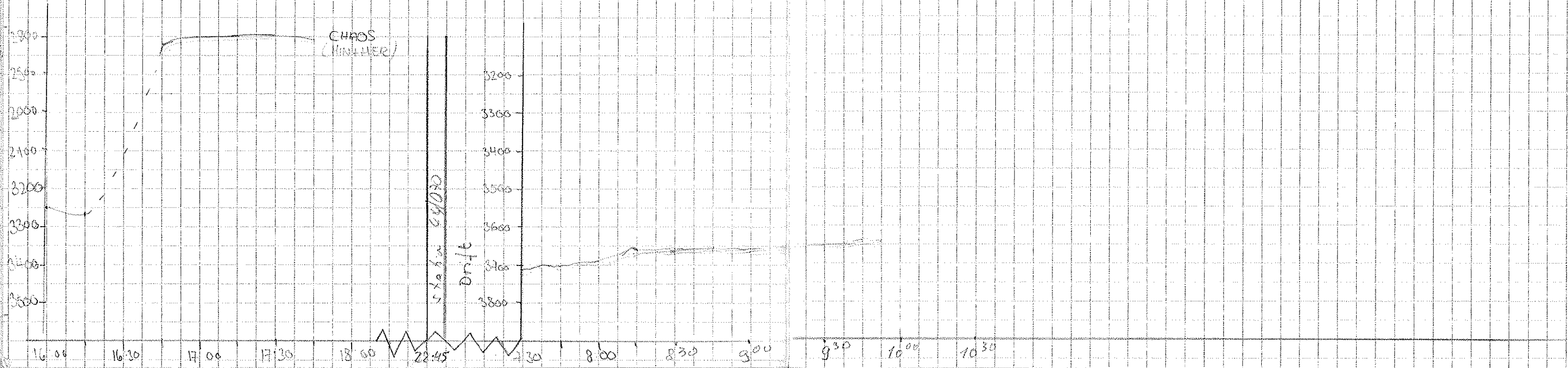
Depth Date	Time	Lat	Long	Speed	Course	Depth PS	Depth HS	Wind	Rec cm	Wait	Tape #	Paper #	Name	Remarks
19.7.97	04:45	81°52.9	03°29.6	6.1	057	4152	4160	4100	266	0	36	9	Nissen	Hydrosweep meldet mit univ. Puls 8
	05:00	81°53.1	03°25.7	7.9	054	4128	4112	4100	"	"	"	"	"	
	05:30	81°55.3	03°18.5	5.3	020	-	4088	4000	"	"	"	"	"	Hydrosweep hängt → Stand by
	05:45	81°56.3	03°12.6	2.2	358	3948	3966	3830	"	"	"	"	"	
	06:00	81°57.6	03°10.7	8.5	013	3818	3882	3770	"	"	"	"	"	Pulslänge 8, kaum Echo
	06:30	81°58'6	03°02'7	5.4	0130	3723	3742	3680	-11-	-11-	-11-	-11-	S.M.	
	06:45	81°59'5	02°55'6	7.9	0730	3615	3685	3580	-11-	-11-	-11-	-11-	-11-	
	07:00	81°59'5	02°52'4	3.3	2150	3593	3615	3530	-11-	-11-	-11-	-11-	-11-	
	07:15	81°59'3	02°45'0	1.0	0060	3363	3424	3300	-11-	-11-	-11-	-11-	-11-	
	07:30	81°00'1	02°39'2	3.5	1080	3244	3209	3180	-11-	-11-	-11-	-11-	-11-	
	07:45	81°59.0	02°28.5	12.3	091	2698	2713	2600	-11-	-11-	-11-	-11-	-11-	
	08:00	81°59'0	02°24'8	2.2	354	2582	2602	2500	-11-	-11-	-11-	-11-	-11-	
	08:07	81°00'0	02°25'2	0.1	361	2596	2608	2500	-11-	-11-	-11-	-11-	-11-	Reaching station 44/077 (PS 2848)
	17:00									0	37	9	Number	End of station 44/077
	17:15	82°00.1	02°17.4	7.1	133	2438	2430	2336	266	0	37	9	"	
	17:30	82°00.2	02°12.4	2.8	710	2300	2335	2230	266	0	37	9	"	
	17:45	82°00.6 N	02°04.5 W	11.8	89°	-	2136	2070	266	0	37	9	"	
	18:00	82°00.7 N	01°58.0 W	16.4	71°	-	2154	2080	266	0	37	9	"	AS Signal - Anzeige bei 4078!
	18:15	82°01.7 N	01°53.7 W	10.0	67°	2506	-	2380	266	0	37	9	"	
	18:30	82°02.2 N	01°47.6 W	8.7	51°	2561	-	2460	266	0	37	9	"	
	18:45	82°03.1 N	01°40.8 W	8.3	46°	2667	2661	2600	266	0	37	9	"	
	19:00	82°04.0 N	1°32.7 W	6.0	85°	-	-	2550	266	0	37	9	"	HS/PS und Echo sind zu gering für
	19:15	82°05.0 N	1°24.5 W	0.7	251°	3012	3013	2960	266	0	37	9	"	200m unterseinerseits Werk
	19:30	82°05.3 N	1°15.1 W	0.6	104°	3042	3025	2970	266	0	37	9	"	das kein!
	20:00	82°05'5N	0°53.6'	9.3	347	-	-	3080	266	0	37	9	"	
	20:15	82°07'05N	0°46.02W	12.3	15	3178	-	3080	266	0	37	9	Damm	Ein "Danke" den freiwilligen Wargängern!!!
	20:30	82°08'24N	0°34.32W	14.0	320	3224	-	3080	266	0	37	9	"	
	20:45	82°09'29N	0°28.01W	4.0	345	3119	-	3080	266	0	37	9	"	
	21:00	82°09.87N	0°55.72W	1.0	201.2	3238	-	2160	-11-	0	-11-	-11-	Fahl	Heute ist Bergfest!!! (in memoriam 1995)
	21:15	82°10.46N	0°53.48W	5.1	40.8	3256	-	3160	-11-	0	-11-	-11-	Fahl	
	21:30	82°11.3 N	0°45.8W	8.7	62.9	3297	-	3250	-11-	-11-	-11-	-11-	Fahl	
	21:45	82°11.8 N	0°43.2W	9.6	328.9	3322	-	3250	-11-	-11-	-11-	-11-	Fahl	HS ist vollkommen raus! (10.45...)
	22:00	82°13.06 N	0°46.79 W	9.6	1.8	3356	-	3250	-11-	-11-	-11-	-11-	2. clearalls	
	22:15	82°14.57 N	0°45.81 W	6.6	53.3	3359	-	3250	-11-	-11-	-11-	-11-	"	
	22:30	82°14.71 N	0°42.10 W	3.3	78.2	3362	-	3250	-11-	-11-	-11-	-11-	"	
	22:45	82°14.10 N	0°39.30 W	4.7	4.3	3388	-	3260	-11-	-11-	-11-	-11-	"	
	23:00	82°14.76 N	0°30.73 W	6.4	47.1	3405	-	3250	-11-	-11-	-11-	-11-	Kühn	
	23:15	82°15.38 N	0°22.31 W	5.3	58.3	3430	3444	3250	"	"	"	"	Kühn	
	23:30	82°16.04 N	0°20.04 W	5.8	6.1	3444	3450	3400	"	"	"	"	Kühn	
	23:45	82°17.24 N	0°17.37 W	8.4	80.3	3467	3471	3400	"	"	"	"	Kühn	



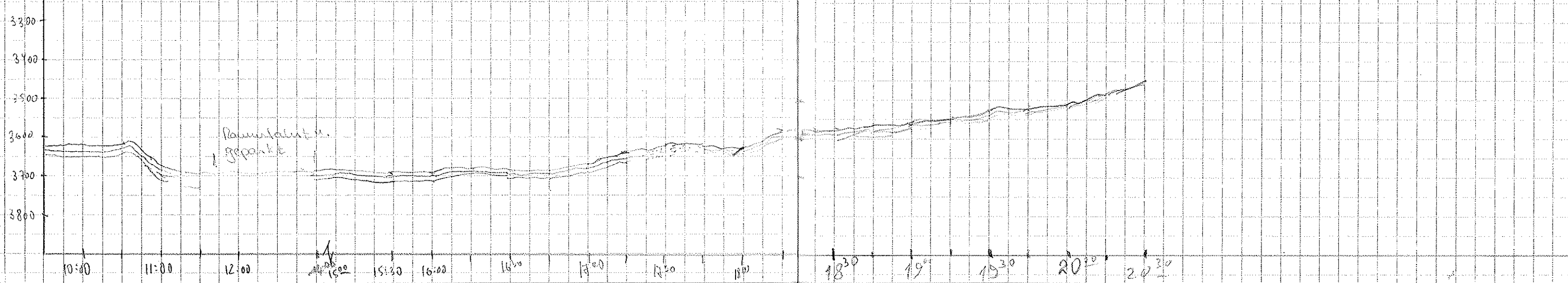
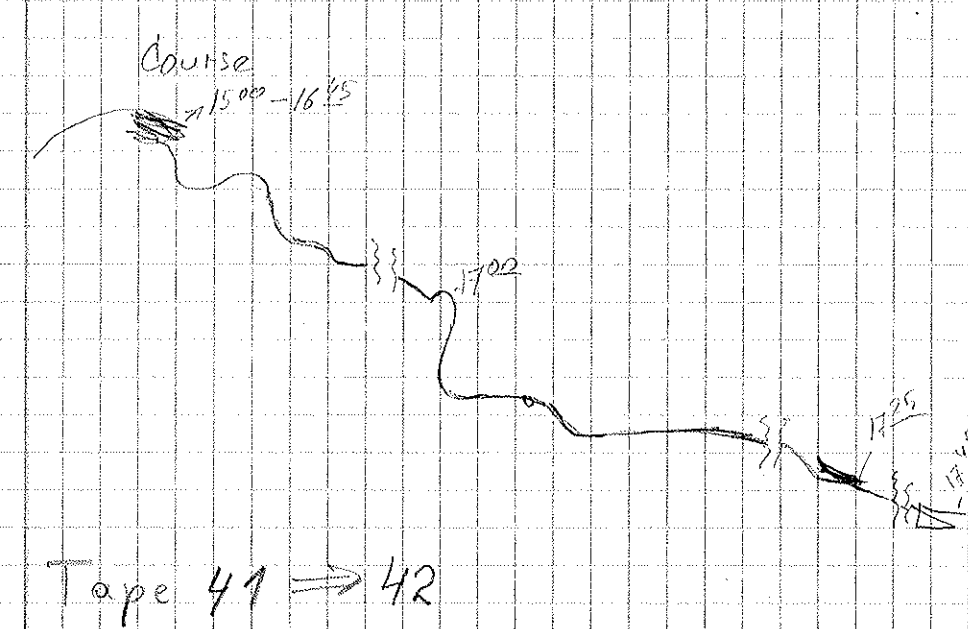
Date	Time	Lat	Long	Speed	Course	Depth 75	Depth 15	Water	Sec. Fou.	Wair	Yaps	Faps	Name	Remarks
20:7 37	0:00	82° 18.24 N	0° 16.65 W	4.7	11.7	3473	3483	3400	266	0	38	3	Kuhn	Tape 37 voll
20:7 97	0:15	82° 19.27 N	0° 15.16 W	5.9	79.0°	3489	3499	3400	"	"	"	"	Necker	
"	0:30	82° 20.88 N	0° 09.27 W	10	8.3°	3489	-	"	"	"	"	"	"	
"	0:45	82° 20.89 N	0° 00.28 W	7.5	72°	3489	3651	"	"	"	"	"	"	
"	1:00	82° 21.91 N	0° 00.26 W	5.1	33.4	3416	-	3300	"	"	"	"	Volkman	
"	1:15	82° 22.54 N	0° 11.10 W	1.3	27.1	3523	3531	3410	"	"	"	"	"	
"	1:30	82° 27.46 N	0° 11.96 W	0.2	179.9	3525	3535	"	"	"	"	"	"	
"	1:45	-	-	-	-	-	-	-	-	-	-	-	-	
"	2:00	82° 21.46 N	0° 12.00 W	0.2	339.6	3532	3524	"	"	"	"	"	"	Station
"	04:00	82° 24.69 N	0° 23.20 W	1.1	14.4	3537	-	3400	266	0	38	9	Thule	
"	04:15	82° 25.89 N	0° 31.45 W	4.2	165.9	3485	(11607)	3400	266	0	38	9	"	
"	04:30	82° 26.11 N	0° 31.38 W	4.2	354.2	3482	(12963)	3400	266	0	38	9	"	
"	04:45	82° 27.16 N	0° 41.50 W	8.7	348.3	3487	(13791)	3400	266	0	38	9	"	
"	05:00	82° 27.54 N	0° 34.39 W	1.3	94.3	3449	(14852)	3400	266	0	38	9	"	
"	05:15	82° 27.96 N	0° 27.67 W	7.6	88.0	3469	(14675)	3400	266	0	38	9	"	
"	05:30	82° 28.21 N	0° 14.21 W	9.2	67.3	3498	0	3400	266	0	38	9	"	
"	05:45	82° 29.26 N	0° 08.26 W	8.4	36.9	3518	(14684)	3400	266	0	38	9	"	
"	06:00	82° 29.98 N	0° 03.13 W	8.5	68.3	3568	0	3400	266	0	38	9	"	~0605 W → E
"	06:15	82° 30.86 N	0° 04.58 E	9.9	81.4	3567	(14542)	3400	266	0	38	9	"	0621 Bered 3500 - 3700 eig. h. art
"	06:30	82° 31.15 N	0° 12.78 E	7.9	73.1	3569	0	3500	266	0	38	9	"	
"	06:45	82° 31.97 N	0° 27.18 E	13.0	37.1	3621	3629	3500	266	0	38	9	"	
"	07:00	82° 32.97 N	0° 30.25 E	3.6	41.6	3587	0	3500	266	0	38	9	"	
"	07:15	82° 33.19 N	0° 32.31 E	4.9	72.7	3588	(10263)	3500	266	0	38	9	"	
"	07:30	82° 33.52 N	0° 40.71 E	0.7	320.2	3572	0	3500	266	0	38	9	"	
"	07:45	82° 33.59 N	0° 41.22 E	1.0	266.7	3582	0	3500	266	0	38	9	"	
"	08:00	82° 33.68 N	0° 44.30 E	5.2	86.7	3587	0	3500	266	0	38	9	Kines	
"	08:15	82° 33.5 N	0° 56.1 E	3.3	81.9	3517	0	3500	266	0	38	9	"	Tape 38 voll
"	08:30	82° 34.7 N	1° 02.35 E	12.6	350.3	3551	3570	3450	266	0	38	9	"	
"	08:45	82° 36.1 N	1° 01.62 E	16.6	338.0	3548	3562	3450	266	0	38	9	"	
"	09:00	82° 35.9 N	1° 02.45 E	3.6	119.0	3545	3562	3450	266	0	38	9	"	
"	09:15	82° 36.02 N	1° 02.85 E	1.5	321.0	3544	3559	3450	266	0	38	9	"	
"	09:30	82° 37.88 N	1° 04.98 E	8.4	301.2	3580	3584	3450	266	0	38	9	"	
"	09:45	82° 38.76 N	1° 11.63 E	3.3	250.6	-	-	3450	266	0	38	9	"	
"	10:18	82° 38.9 N	1° 15.1 E	0.6	304.	3519?	-	3060	266	0	39	9	Levit	
"	10:30	82° 38.9	1° 14.9	0.7	249	?	?	3080	266	0	39	9	"	
"	10:45	82° 38.9	1° 15.6	5.2	91.	?	?	3100	266	"	"	"	"	
"	11:00	82° 38.9	1° 16.0	0.7	290	2967?	3000	2800	266	"	"	"	"	
"	11:15	82° 38.9 N	1° 17.2 E	5.0	62.7	2988?	3062	2900	-	"	"	NO	"	
"	11:30	82° 39.0 N	1° 18.8 E	0.9	258.8	2988?	?	2900	-	"	"	10	"	



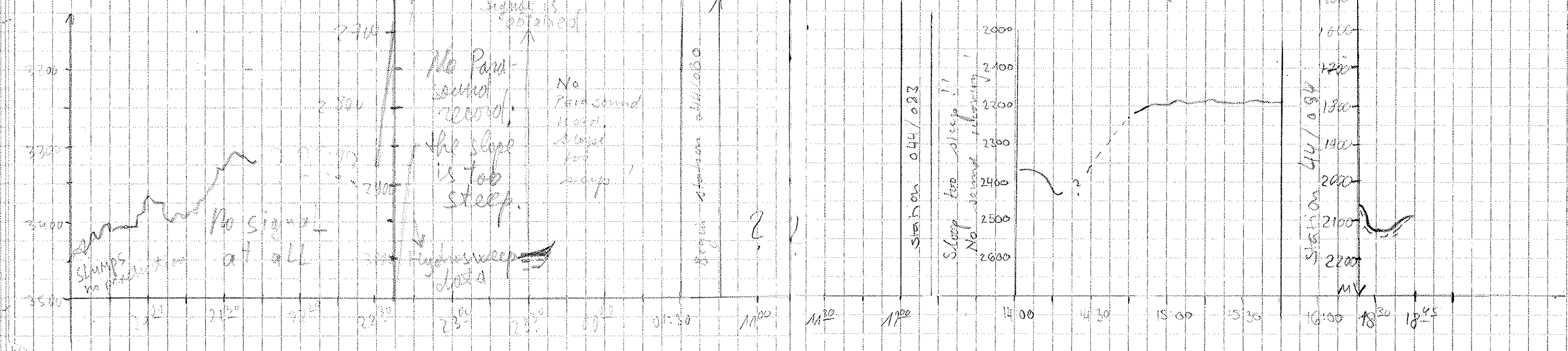
Date	Time	Lat	Long	Speed	Course	Depth PS	Depth HS	Wind dir	Rec. length	Wair	Tape #	Reel #	Name	Remarks
20.07.97	11:15	82°39.1'N	1°21.5'E	0.6	270.9	3101	?	2990	266	0	39	10	Levitana	11 ⁵¹ - last signal of PS, 11 ⁵⁶ - sound (3340m)
	12:00	82°33.1'N	1°32.1'E	2.5	49.9	3249	?	3160	-	-	-	-	"	
20.7.97	12:15	82°35.2'N	1°26.5'E	-	-	3267	3268	3140	266	0	?	"	Wickman	
21.7.97	15:45	82°38.7'N	1°33.7'E	0.5	288	3267	3268	3200	266	0	39	10	Kleiber	End of station 14/079
	16:00	82°38.7'N	1°33.8'E	6.4	55.1	3250	3245	3200	266	0	39	10	Schubert	
	16:15	82°38.8'N	1°34.3'E	3.2	101.2	3266	-	3200	266	0	39	10	Kleiber	Eisrammen! Keine Reifengaben mehr Eisrammen keine Treifen! Tape 39 → # 40
	16:30												"	
	16:45	82°38.7'N	01°44.2'E	3.9	88.9	-	-	2730	266	0	39	10	"	
	17:00	82°38.7'N	01°45.1'E	0.2	70.8	-	-	2730	266	10	40	10	"	
	17:15	82°37.8'N	01°43.1'E	3.2	89	-	-	2730	266	10	40	10	"	
	17:30	82°38.7'N	01°45.4'E	4.0	270	-	-	2730	266	10	40	10	"	
	17:45	82°38.8'N	01°45.5'E	1.1	275	-	2810	2730	266	10	40	10	"	
	18:00	82°38.8'N	01°45.7'E	3.9	293	-	2814	2730	266	10	40	10	Fröbe	• Frank zwingt ihn in die Knie!! • Kometsch: er versucht es • Er hat es nicht geschafft (allein) schon nach Arnie aufgegeben! Frank versteht alles!
	18:15	82°38.9'N	01°47.6'E	1.4	83	2041 ^{???}	-	-	-	-	-	-	"	
	19:00	82°39.1'N	01°49.2'E	2.0	89.1	-	-	-	-	-	4	10	Kein Fortkommen	
	19:15	82°38.5'N	2°00.3'E	2.2	90.1	-	3796	-	-	-	-	10	"	
	19:30	82°38.16'N	2°02.0'E	1.9	90.2	-	3818	-	-	-	-	-	"	
	19:45	82°38.1'N	2°03.7'E	4.3	88.2	-	3850	-	-	-	-	-	"	
	20:00	82°38.63'N	2°05.38'E	2.7	93.5	3068	3827	3740	"	10	40	"	Volkman	
	20:15	82°38.52'N	2°07.52'E	2.0	89.4	"	3829	3740	"	"	"	"	"	
	20:30	82°38.52'N	2°08.02'E	6.3	105.6	"	3832	"	"	"	"	"	"	
	20:45	82°38.41'N	2°09.72'E	4.2	107	"	3897	"	"	"	"	"	"	
	21:00	82°38.47'N	2°08.30'E	0.8	66	"	3836	"	"	"	"	"	"	
	21:15	82°38.36'N	2°09.82'E	3.7	122	"	3838	"	"	"	"	"	"	
	21:30	82°38.36'N	2°09.78'E	2.6	308	"	3841	"	"	"	"	"	"	
	21:45	82°38.37'N	2°09.99'E	5.4	119	"	38-	"	"	"	"	"	"	
	22:00	82°38.34'N	2°09.90'E	2.1	308	"	3835	"	"	"	"	"	"	
	22:15	82°37.17'N	2°22.83'E	11.5	156	"	3821	"	"	0	"	"	"	
	22:30	82°37.22'N	2°22.92'E	0.4	31	4	3833	"	"	20	"	"	"	
	22:41	82°37.26'N	2°22.96'E	1.6	106	3816	3880	"	"	40	"	"	"	OTOD Drift
22.7.97	07:20	82°36.2'N	2°37.7'E	13.0	142	3746	3753	3680	"	0	"	"	"	
	07:30	82°35.7'N	2°40.6'E	3.8	248	3706	3701	3650	"	0	"	"	"	
	07:45	82°35.1'N	2°40.1'E	3.0	204	3702	3717	3650	266	10	40	10	Kleiber	Eisrammen tape 38??
	08:00	82°34.3'N	2°43.3'E	5.1	206	3686	3701	3650	266	0	40	10	Levitana	
	08:15	82°33.3'N	2°44.6'E	9.3	242	3656	?	3590	-	-	-	-	"	HS doesn't work
	08:30	82°32.6'N	2°40.6'E	3.2	234	3659	?	3590	-	-	-	-	"	



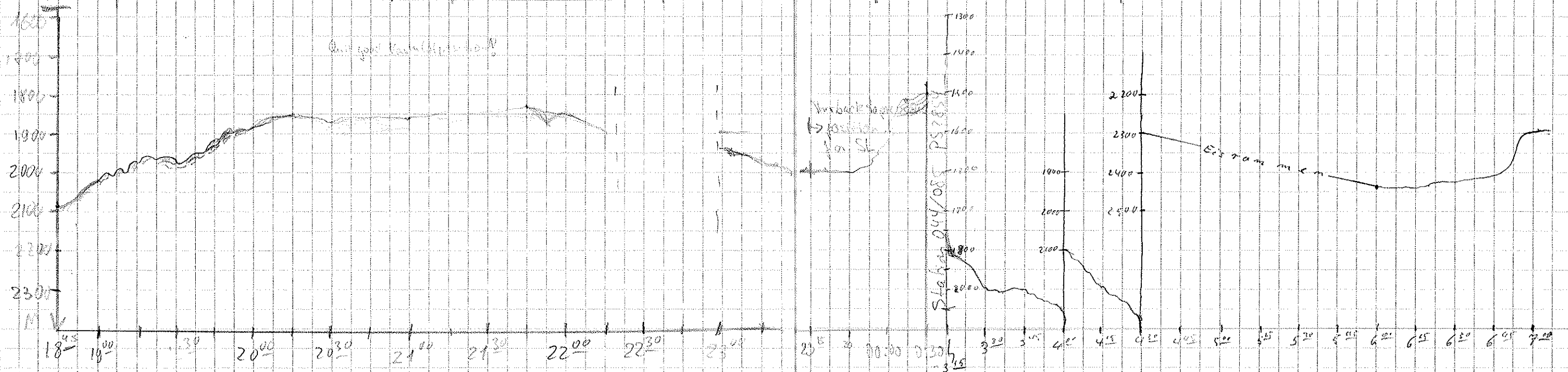
Date	Time	Lat.	Long.	Speed	Course	Depth PS	Depth HS	Wind	Sec. Temp	Watt	Tape #	Depth #	Name	Remarks
22.07.92	8:45	82°32.6'N	2°40.7'E	3.4	236	3658	3738	3590	266	0	40	10	Leviton	
	9:00	82°32.4'N	2°39.9'E	0.8	6	3657	3670	3590	-	-	-	-	-	
	9:15	82°32.4'N	2°47.8'E	2.2	77	3658	?	3590	-	-	-	-	-	HS does not work
	9:30	82°32.0'N	2°47.8'E	2.3	304	3650	?	3590	-	-	-	-	-	
	9:45	82°31.7'N	2°53.1'E	1.7	161	3638	?	3590	-	-	-	-	-	
	10:00	82°31.5'N	2°52.6'E	2.4	329	3635	3646	-	-	10	-	-	-	
	10:50	82°30.8	3°01.3	7.8	120	3665	3679	3590	266	0	-	-	Nissen	Raumfahrt bis 10:50
	11:00	82°30.5	3°05.8	3.2	296	3678	3780	3590	4	0	-	-	-	
	11:30	82°29.5	3°10.5	3.0	016	3683	3695	3590	-	0	41	-	-	
	12:00	82°29.82'N	3°11.64'E	0.7	35	3684	-	3580	-	10	-	-	Kühn	decken fest
	12:15	82°29.83'N	3°11.72'E	1.0	10.2	3685	3694	3590	266	40	-	-	Kühn	
	12:45	82°29.78'N	3°11.48'E	1.7	5.0	3684	-	3580	-	0	-	-	Kühn	geht wieder
	13:00	82°29.75'N	3°11.38'E	3.2	4.7	3684	-	3580	-	-	-	-	Kühn	Stellen wieder A: 10000 / 40 sec
	13:15	82°29.72'N	3°11.44'E	0.5	195	3684	3687	3590	-	40	-	-	Kühn	Raumfahrt geht wieder A: 5000 / 10 sec
	13:30	82°29.79'N	3°11.08'E	2.0	196	3683	3694	3580	-	10	-	-	Kühn	
	13:45	82°29.60'N	3°10.8'E	1.8	207	3684	3694	3580	-	10	-	-	Kühn	
	14:08	82°28.8	3°02.3'E	4.2	271	3680	3691	3590	-	0	-	-	Nissen	14:55 la das Pfeife!
	15:38	82°28.8	3°03.7	2.9	164	3673	3684	3590	-	-	-	-	-	
	16:00	82°28.4	3°02.9	2.1	078	3675	3678	3590	-	-	-	-	-	
	16:15	82°28.4	3°06.0	0.6	310	3688	3685	3590	-	10	-	-	-	
	16:30	82°28.1	3°05.2	1.9	114	3680	3680	3590	-	10	-	-	-	
	16:45	82°28.4	3°06.5	4.7	91	3674	3680	3590	-	10	-	-	-	
	17:00	82°28.3	3°12.8	5.4	154	3659	3667	3580	-	10	-	-	-	
	17:15	82°28.5	3°16.7	8.2	106	3640	3655	-	-	10	-	-	-	
	17:30	82°28.2	3°25.0	8.3	100	3626	3640	3490	-	10	-	-	-	
	17:45	82°27.2	3°30.1	0.5	316	3624	???	-	-	10	-	-	-	
	18:00	82°27.1 N	3°29.8 E	5.0	161	3629	???	-	-	10	-	-	-	Vladimir
	18:15	82°26.2	3°29.1	7.4	93	3579	3597	-	-	10	-	-	-	
	18:30	82°26.2	3°27.6	0.5	314	3580	3594	-	-	10	-	-	-	
	18:45	82°26.0	3°29.0	3.7	16	3563	3576	-	-	10	-	-	-	
	19:00	82°25.7	3°30.4	1.7	314	3556	3570	-	-	10	-	-	-	
	19:15	82°25.8	3°30.4	3.8	120	3551	3561	-	-	10	-	-	-	
	19:30	82°25.4	3°35.3	2.6	160	3527	3542	3400	-	10	-	-	-	
	19:45	82°27.6	3°33.4	0.3	333	3525	3541	3400	-	10	42	-	-	Tape 41 → 42
	20:00	82°27.8	3°42.8	12.0	89	3510	3522	3400	-	10	-	-	-	
	20:15	82°27.7 N	03°45.4 E	1.1	307	3462	-	3400	-	10	-	-	S.M.	
	20:30	82°27.3 N	03°45.4 E	1.4	357	3409	3409	3400	-	10	-	-	-	



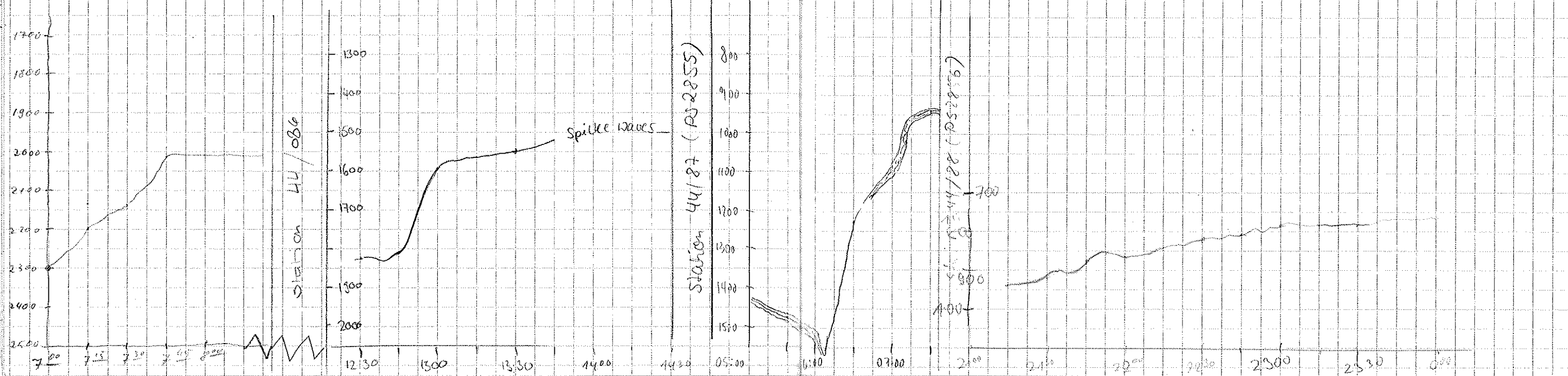
Date	Time	Latitude	Longitude	Speed	Course	Depth PS	Depth HS	Wind	Rec. Length	Wait	Tape No.	Paper No.	Name	Remarks
22.07.07	20:45	82°24'3"	03°46'6"	4.8	314°	3405	3424	3300	266	10	42	10	E.M.	Vessel moves forward and back due to heavy ice conditions
	21:00	82°24'2"	03°46'1"	4.8	314°	3363	3388	3300	-	-	-	-	-	
	21:15	82°24'2"	03°45'6"	0.5	327°	-	3388	3300	-	-	-	-	-	
	21:30	82°24'5"	03°45'1"	3.0	327°	-	3413	3300	-	-	-	-	-	
	21:45	82°25'3"	03°46'2"	2.7	358°	-	-	3250	-	-	-	-	-	
	22:00	82°26'0"	03°47'7"	2.1	009°	3306	3428	3300	-	-	-	-	-	
	22:15	82°24'0"	03°44'0"	2.3	002°	3228	3315	3250	-	-	-	-	-	
	22:30	82°24'5"	03°43'5"	2.7	169°	3240	3322	3250	-	-	-	-	-	
	22:45	82°23'4"	03°41'7"	0.9	327°	2718	2865	2800	-	0	-	-	-	
	23:00	82°23'5"	03°43'2"	2.8	352°	2877	2975	2800	-	-	-	-	-	
	23:15	82°23'5"	03°43'3"	3.3	338°	2872	2936	2800	-	-	-	-	-	
	23:30	82°22'8"	03°42'8"	1.4	333°	3051	-	2900	-	-	-	-	-	
	23:45	82°22'0"	03°42'8"	3.6	347°	2859	2986	2800	-	-	-	-	-	
23.07.07	00:00	82°22'4"	03°47'4"	2.6	120°	2383	2437	2340	-	-	-	-	-	
	01:15	82°22'4"	03°47'4"	0.4	304°	2571	2625	2250	-	-	-	-	-	
	01:36	82°22'4"	03°46'7"	3.4	36	2484	2429	2260	-	-	-	-	-	
	01:45	82°22'5"	03°46'49"	3.2	305	2420	2460	2260	-	-	-	-	-	
	01:56	82°22'19"	03°40'68"	2.5	328	3129	3105	3100	-	-	-	-	-	
	01:30	82°22'8"	03°41'1"	-	-	2576	2969	2800	-	40	-	-	-	
23.07.07	10:45	82°21.90'N	03°33.61'E	1.8	85.0	2930	3060	2980	-	0	42	11	Dehloff	Begin Station 044/080 PS 2850
	11:00	82°21.86'N	03°33.11'E	1.1	106.0	2032	3151	2940	-	-	-	-	-	
	11:15	82°21.75'N	03°32.52'E	3.5	112.8	-	-	3100	-	-	-	-	-	
	11:30	82°21.65'N	03°32.86'E	3.6	85.6	-	-	3000	-	-	-	-	-	
	11:45	82°21.07'N	03°38.29'E	2.9	158.4	2495	2538	2460	-	-	-	-	-	
	12:00	82°20.8'N	03°38.3'E	0.9	151	2520	2572	2450	-	40	42	11	Murphy	Break off. Wasserfl. Echo signal becomes 2550m
	13:45	82°21.3'N	03°37.9'E	2.2	201	-	-	2450	-	0	42	11	-	
	14:00	82°21.3'N	03°40.7'E	5.3	192	-	-	2550	-	0	42	11	-	
	14:15	82°21.3'N	03°41.5'E	3.0	200	2405	-	2300	-	0	42	11	-	
	14:30	82°20.8'N	03°43.6'E	6.1	169	-	2293	2200	-	0	42	11	-	
	14:45	82°20.4'N	03°46.2'E	5.0	115	-	2233	2100	-	0	42	11	-	
	15:00	82°20.3'N	03°48.1'E	0.4	116	-	2195	2050	-	0	43	11	-	
	15:15	82°20.4'N	03°47.3'E	1.3	154	2146	2173	2050	-	0	43	11	-	
	15:30	82°20.0'N	03°49.4'E	3.2	198	-	-	2050	-	0	43	11	-	
	15:45	82°20.0'N	03°50.5'E	0.5	308	2111	-	2050	-	40	43	11	-	
24.07.07	18:20	82°18'11"N	03°41'0"E	2.9	115	1963	2065	1980	-	0	43	11	E.M.	End station 44/084 (PS 2853) - End of PS
	18:30	82°18'11"N	03°42'3"E	2.1	253	2123	2123	1980	-	-	-	-	-	
	18:45	82°17'8"N	03°41'6"E	5.3	146	-	2094	1980	-	-	-	-	-	



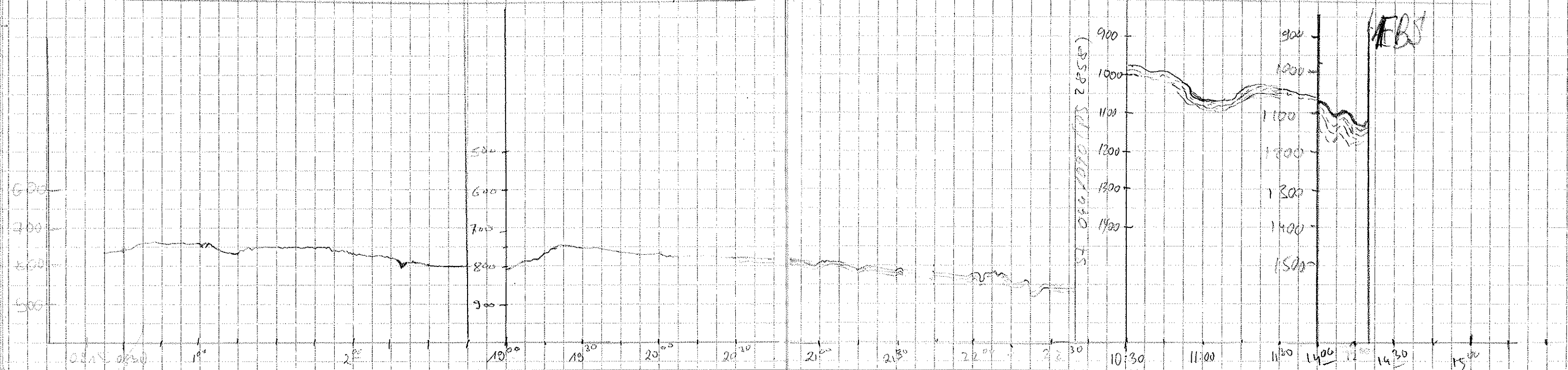
Date	Time	Latitude	Longitude	Speed	Course	Depth, PS	Depth, MST	Window	Rec Length	Wait	Tapp No.	Paper No.	Name	Remarks
24.07	19:00	82° 12' 30" N	03° 41' 20" E	0.3	55°	—	2035	1910	268	0	43	11	S.M.	
97	19:15	82° 16' 18" N	03° 40' 09" E	4.3	174°	1752(?)	1979	1910	—	—	—	—	—	→ route
	19:20	82° 17' 0" N	03° 41' 10" E	3.7	352°	1745(?)	1964	1910	—	—	—	—	—	
	19:45	82° 16' 51" N	03° 40' 30" E	2.6	162°	1745(?)	1920	1860	—	—	—	—	—	
	20:20	82° 15' 0" N	03° 40' 40" E	3.1	318°	1690(?)	1892	1800	—	—	—	—	—	
	20:45	82° 14' 7" N	03° 41' 47" E	4.2	149.2°	1685	1868	1800	—	—	—	—	—	→ 1920-a - real depth meaning
	20:50	82° 14' 02" N	03° 49' 99" E	5.2	153.8	1648	1892	1800	—	—	—	—	—	Parasound works wrong! Hydroscum is actual.
	20:52	82° 13' 31" N	3° 51' 55" E	2.8	145	1611?	?	1800	—	—	—	—	—	HS is broken... Under dr! 2057
	21:00	82° 13' 15" N	3° 52' 16" E	1.1	318°	1592	1867	1800	—	—	—	—	—	
	21:15	82° 12' 49" N	3° 52' 43" E	4.1	341°	1599	1878	1800	—	—	—	—	—	
	21:30	82° 12' 78" N	3° 50' 89" E	6.1	192°	1566	—	—	—	—	—	—	—	
	21:45	82° 12' 48" N	3° 57' 19" E	5.3	143°	1526	1841	—	—	—	—	—	—	→ Kursrot... (2) Wir umfahren gerade eine abstruse Stelle...
	22:00	82° 12' 19" N	4° 03' 61" E	11.4	185°	1522	1981	1700	—	—	—	—	—	
	22:15	82° 11' 61" N	4° 03' 29" E	1.5	46.6	1587	1978	—	—	—	—	—	—	
	23:00	82° 11' 68" N	4° 03' 88" E	4.6	154.9	.0	1956	—	—	—	44	—	—	System error! #43 → #44
	23:16	82° 10' 05" N	4° 11' 10" E	8.6	113	2012	2074	—	—	—	—	—	—	Switch back from PAR NBS to PAR
	23:32	82° 10' 38" N	4° 06' 41" E	5.0	318	2020	2026	—	—	—	—	—	—	
	23:45	82° 11' 06" N	4° 02' 87" E	3.1	79.9	1941	1955	1800	—	—	—	—	—	
	24:00	82° 12' 08" N	3° 59' 57" E	7.1	289	1822	1954	—	—	—	—	—	—	
25.7	00:30	82° 12' 0" N	3° 52' 6" E	—	—	—	1993	1750	—	—	44	11	Niassa	Station 014/085 PS 2854
97	3:00	82° 12' 18" N	3° 56' 37" E	4.5	79°	1403	1943	1750	—	—	—	—	—	Station 044/1085 PS 2554
	3:15	82° 12' 18" N	3° 58' 56" E	5.7	86	1869	1880	—	—	—	—	—	—	
	3:30	82° 11' 28" N	4° 05' 87" E	1.8	183°	—	—	1900	—	—	—	—	—	reset Hydroscum
	3:45	82° 10' 10" N	4° 14' 12" E	7.1	123°	—	2057	1900	—	—	—	—	—	
	4:00	82° 10' 08" N	4° 15' 85" E	4.5	81°	—	2088	1950	—	—	—	—	—	Eisrammen
	4:15	82° 10' 06" N	4° 18' 97" E	1.9	99°	2192	2198	2100	—	—	—	—	—	
	4:30	82° 10' 07" N	4° 19' 90" E	5.7	95°	—	2232	2150	—	—	—	—	—	
	4:45	82° 09' 83" N	4° 25' 47" E	8.5	130°	—	2287	2150	—	—	—	—	—	hier sind Dellen in der Landschaft (Eis)
	5:00	82° 09' 95" N	4° 27' 81" E	3.7	223°	2314	2327	2200	—	—	—	—	—	reset HS / Eisrammen
	5:15	82° 09' 95" N	4° 28' 96" E	4.0	219°	2323	2333	2200	—	20	—	—	—	set wait to 20
	5:30	82° 10' 09" N	4° 28' 67" E	1.6	205°	2322	2345	—	—	—	—	—	—	
	5:45	82° 10' 34" N	4° 31' 51" E	0.9	277°	2384	2396	2200	—	0	—	—	—	Eisrammen
	6:00	82° 10' 25" N	4° 33' 73" E	3.7	121°	2446	2446	2300	—	—	—	—	—	set wait to 0
	6:15	82° 09' 25" N	4° 24' 49" E	5.6	102°	2430	2443	2350	—	—	—	—	—	
	6:30	82° 08' 12" N	4° 48' 55" E	5.6	108°	2386	2393	2300	—	—	—	—	—	
	6:45	82° 08' 62" N	4° 47' 32" E	2.5	226°	2315	2314	2200	—	—	—	—	—	
	7:00	82° 08' 23" N	4° 45' 99" E	11.2	162°	2312	2314	2200	—	—	—	—	—	



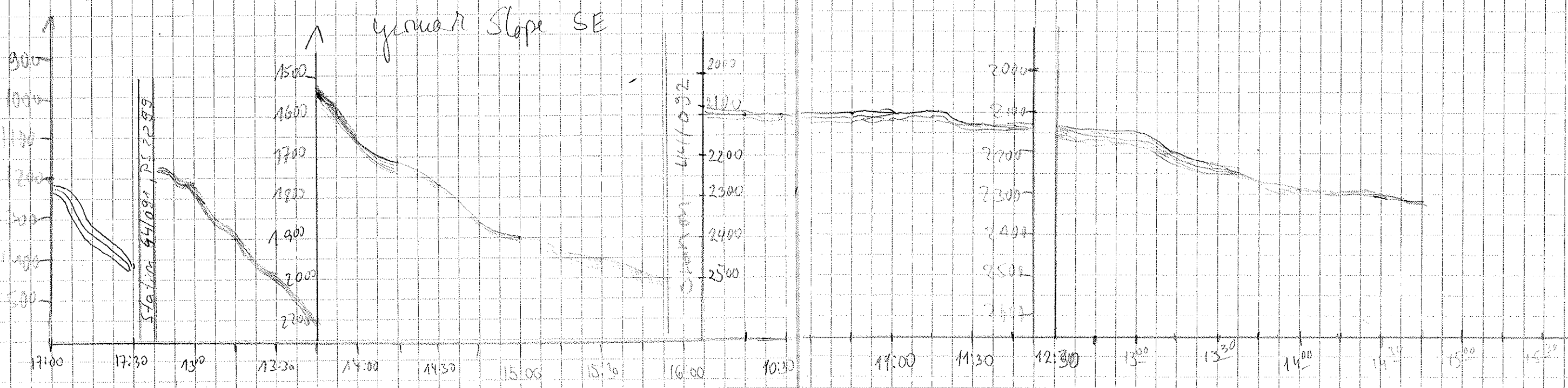
Date	Time UTC	Latitude	Longitude	Speed Ek-7	Course C-3	Depth PS	Depth HS	Window	Rec. Length	wait	Tape No.	Paper No.	Name	Remarks
25-7-77	7:45	82° 07.91 N	4° 53.04 E	0.4	260	2200	2214	2100	2.66	0	44	11	Mark	
"	7:50	82° 07.78 N	4° 58.47 E	1.4	121	2127	—	2100	"	"	"	"	"	HS reset
"	7:55	82° 07.36 N	4° 59.57 E	0.4	88	1242	2016	2000	"	"	"	"	"	
"	8:00	82° 07.40 N	05° 00.21 E	0.8	290.9	1585	2029	1900	"	"	"	"	Detleff	duplex top of a-mail-contacts
"	8:15	82° 07.41 N	05° 00.19 E	0.6	25.1	1560	2030	1900	266	20	"	"	Detleff	"
"	8:30	82° 07.41 N	05° 00.26 E	0.5	166.1	2016.0	2023	1900	"	40	"	"	"	Station 02
"	10:05	82° 07.21 N	05° 00.0 E	0.6	306	1981	1590	1900	"	0	44	11	Klein	End of Station 044/086 (?)
"	11:00	82° 06.1 N	5° 07.2 E	3.1	350	1898	1909	1780	"	0	44	11	Schubert	Rammli - rammli
"	12:30	82° 04.7 N	05° 10.4 E	7.8	167	1820	1821	1660	"	0	44	11	Klein	Eisrammen
"	12:45	82° 04.4 N	05° 09.3 E	4.7	174	—	1811	1700	"	0	44	11	"	"
"	13:00	82° 03.7 N	05° 12.6 E	1.9	307	1501	1581	1500	"	0	44	11	"	"
"	13:15	82° 03.6 N	05° 15.0 E	6.7	136	1539	—	1500	"	0	44	11	"	"
"	13:30	82° 03.6 N	05° 14.6 E	2.4	307	1535	1548	1400	"	0	45	11	"	Tape # 44 → Tape # 45
"	13:45	82° 03.4 N	05° 16.4 E	0.2	121	1516	1522	1400	"	0	45	11	"	"
"	14:00	82° 03.2 N	05° 17.1 E	0.5	25	1500	1508	1400	"	0	"	"	Fall	"
"	14:15	82° 02.9 N	05° 17.0 E	4.4	178	1478	1490	"	"	"	"	"	Fall	"
"	14:30	82° 02.8 N	05° 16.9 E	3.8	177	1450	1463	1360	"	"	"	"	Fall	"
"	14:45	82° 02.6 N	05° 17.7 E	2.3	78	1417	1431	1360	"	"	"	"	Fall	"
"	14:54	82° 02.6 N	05° 18.4 E	0.8	74	1416	1426	1360	"	40	"	"	Fall	Station PS 2855 044/187 (HS reset)
26.7.77	01:50	82° 02.8 N	05° 19.2 E	3.9	119	1425	—	1360	"	0	45	11	Nissen	0000 und Abschluß Ende und morin
"	04:30	82° 02.9 N	05° 21.9 E	1.7	308	1474	1481	1360	"	0	"	"	"	Rammfak +
"	06:00	82° 02.7 N	05° 24.2 E	3.1	125	1487	—	1360	"	5	"	"	"	"
"	06:30	82° 01.5 N	05° 32.3 E	1.7	158	1286	—	1220	"	0	"	12	"	"
"	07:00	81° 59.5 N	05° 37.6 E	4.1	129	—	—	1000	"	"	"	"	"	SL/KIL-Struktur 02:09
"	07:30	81° 58.9 N	05° 44.8 E	—	—	938	—	900	"	"	"	"	"	Graham erreicht: 044/088 PS 2856
"	21:15	81° 55.4 N	06° 50.20 E	1.1	321	832	838	800	"	0	"	12	"	"
"	21:30	81° 55.33 N	06° 52.20 E	4.8	115.7	825	835	—	"	0	46	12	"	"
"	21:45	81° 55.11 N	06° 52.88 E	2.1	80	875	881	800	"	"	46	12	"	"
"	22:00	81° 55.57 N	06° 02.11 E	1.1	333	861	865	800	"	"	46	12	"	"
"	22:15	81° 58.8 N	06° 06.54 E	2.7	284	842	848	800	"	"	"	"	"	"
"	22:30	81° 58.78 N	06° 13.88 E	0.5	125	822.2	888	—	"	"	"	"	"	"
"	22:45	81° 58.64 N	06° 18.25 E	4.5	MG	—	—	700	"	"	"	"	"	Eisrammen
"	23:00	81° 57.88 N	06° 24.2 E	2.1	142	782	784	700	"	"	"	"	"	"
"	23:18	81° 57.82 N	06° 24.44 E	2.6	15.7	780	780	—	"	"	"	"	"	"
"	23:30	81° 57.78 N	06° 24.61 E	2.7	157	780	—	—	"	"	"	"	"	"
"	23:45	81° 57.35 N	06° 26.54 E	3.0	122	779	777	—	"	"	"	"	"	"
27.7	08:00	81° 52.59 N	06° 30.35 E	3.0	31	773	772	—	"	"	"	"	"	"



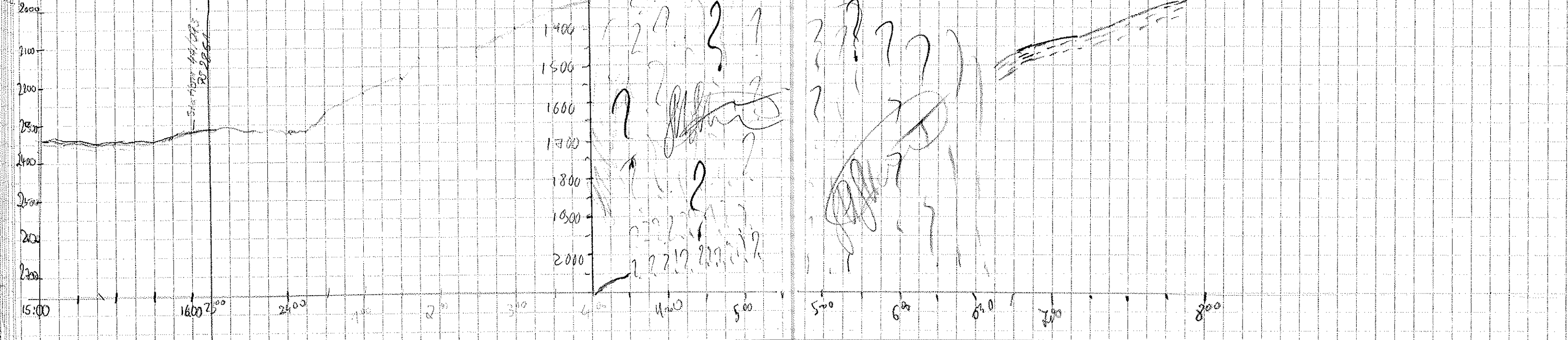
Date	Time UTC	Latitude	Longitude	Speed [Kts]	Course [°]	Depth [m]	Depth [fms]	Wind Dir	Reel [Laps]	Wait	Tape No.	Paper No.	Name	Remarks
27.7	08:15	81° 57.2 N	6° 32.5 E	2.1	85	—	761	700	266	0	46	12	Ther. Sew	E. Shumme
"	08:30	81° 57.16 N	6° 40.85 E	2.4	76	752	750	—	—	—	—	—	—	—
"	08:45	81° 56.38 N	6° 50.18 E	5.8	121	707	708	—	—	—	—	—	—	—
"	10:00	81° 56.10 N	6° 52.11 E	0.9	130	733	733	700	"	"	"	"	Marked	
"	10:15	81° 55.40 N	6° 57.97 E	2.7	139	767	762	700	"	"	"	"	"	
"	10:30	81° 54.99 N	7° 02.98 E	8.4	61	751	767	700	"	"	"	"	"	
"	10:45	81° 55.06 N	7° 08.95 E	4.3	229	751	751	700	"	"	"	11	"	
"	11:00	81° 54.37 N	7° 15.58 E	4.5	88	765	764	700	"	"	47	11	"	Tape # 46 → # 47
"	11:15	81° 54.05 N	7° 20.99 E	5.1	140	776	775	700	"	"	"	"	"	
"	11:30	81° 53.57 N	7° 26.93 E	3.5	138	801	801	700	"	"	"	"	"	begin station 044/089 PS 2857
"	11:45	81° 53.12 N	7° 26.13 E	—	186	804	806	700	"	20	"	"	"	End, Station 0245 044/89 PS 2857
"	12:00	81° 51.6 N	8° 00 E	7.7	252	837	838	750	"	0	"	"	Niema	
"	12:15	81° 53.3 N	8° 01.5 E	5.5	176	771	774	700	"	0	47	12	Knies	
"	12:30	81° 52.5 N	8° 04.0 E	6.6	181.0	756	755	650	"	0	47	12	Knies	
"	12:45	81° 51.87 N	8° 07.7 E	7.8	191.4	769	770	650	"	0	47	12	Knies	
"	13:00	81° 51.49 N	8° 13.6 E	2.5	85.5	767	766	650	"	0	47	12	Knies	
"	13:15	81° 51.6 N	8° 19.9 E	4.8	95.1	775	776	650	"	0	47	12	"	
"	13:30	81° 51.2 N	8° 20.5 E	4.2	88	773	?	—	"	"	"	"	"	
"	13:45	81° 51.3 N	8° 28.6 E	2.9	145	784	788	—	"	"	"	"	"	
"	14:00	81° 50.5 N	8° 37.0 E	6.7	149	790	790	—	"	"	"	"	"	205 th end of TAPE # 47 → # 48
"	14:15	81° 49.5 N	8° 44.0 E	6.8	169	807	808	—	"	11	48	11	"	
"	14:30	81° 48.4 N	8° 49.5 E	8.6	181	811	813	750	"	11	"	"	"	
"	14:45	81° 47.4 N	8° 54.7 E	6.7	150	818	824	—	"	11	"	"	"	
"	15:00	81° 46.4 N	9° 00.3 E	3.7	103	822	822	—	"	11	"	"	"	
"	15:15	81° 46.4 N	9° 10.6 E	5.5	120	847	850	—	"	11	"	"	"	
"	15:30	81° 45.4 N	9° 13.2 E	5.7	199	851	857	—	"	20	"	"	"	
28.7	10:45	81° 45.4 N	9° 17.2 E	0.8	342	992	996	910	"	0	"	13	Niema	21 st Beginning of st. 044/090 (PS 2858)
"	11:00	81° 44.7 N	9° 13.2 E	3.3	108	1070	1076	1010	"	"	"	"	"	
"	11:15	81° 45.1 N	9° 15.8 E	2.2	306	1041	1049	1010	"	1	"	"	"	
"	11:30	81° 45.4 N	9° 16.2 E	0.3	11.1	1048	1057	1010	"	1	"	"	"	
"	11:45	81° 45.3 N	9° 16.6 E	0.9	159	1058	1066	1010	"	1	"	"	"	
"	12:00	81° 45.1 N	9° 17.0 E	1.1	153	1034	1030	1010	"	1	"	"	"	
"	12:15	81° 44.0 N	9° 52.1 E	5.6	117	1077	—	1010	"	0	"	"	S.M.	wait time - 10
"	12:30	81° 44.9 N	10° 00.6 E	9.2	035	1141	1148	1110	"	1	48 → 49	"	S.M.	wait time - 0, paper speed - 1:2000
"	12:45	81° 45.2 N	10° 05.6 E	0.4	37	1120	1127	1080	"	10	49	"	S.M.	Paper change 48 → 49 wait → 10', Paper speed - 1:5000 EBS



Date	Time	Latitude	Longitude	Speed (kn)	Course (°)	Depth (M)	Depth (FMS)	Wind-draw	Rec. length	Shot	Tape No.	Paper No.	Name	Remarks	
28.7.	17:07	81° 44.0	10° 13.1	9.8	124	-	1262	1150	266	Ø	49	13	Niessch	Piloten - Behres	
	17:30	81° 41.7	10° 18.6	4.9	161	-	1424	1350	266	Ø	"	"	"	Station 044/091 PS 2859	
29.7.	12:50	81° 44.64N	10° 12.05 E	6.4	150	1214	1215	1070	"	0	"	"	Volkman	End Station 044/091 PS 2859	
	13:00	81° 44.31N	10° 14.79 E	3.5	137	1247	1251	1200	"	"	"	"	"	"	
	13:15	81° 42.97N	10° 21.33 E	10.2	135	1356	1360	1300	"	"	"	"	"	"	
	13:30	81° 41.65N	10° 26.00 E	5.6	110	1454	1462	1300	"	"	"	"	"	"	
	13:45	81° 40.32N	10° 31.84 E	6.8	143	1564	1574	1400	"	"	"	"	"	"	
	14:00	81° 39.12N	10° 40.86 E	9.4	111	1654	1661	1550	"	"	"	"	"	"	
	14:15	81° 38.11 N	10° 47.7 E	7.2	110	1700	1726	1640	"	0	49	13	Klein	Tape # 48 - # 50	
	14:30	81° 36.8 N	10° 57.8 E	8.6	115	1730	1737	1760	"	0	50	13	"	"	
	14:45	81° 35.8 N	11° 04.5 E	3.5	86	1730	1760	1760	"	0	"	"	"	"	
	15:00	81° 35.2 N	11° 00.702 E	2.2	84	1508	-	1350	"	0	50	13	"	"	
	15:30	81° 34.8 N	11° 18.0 E	8.6	131	1351	1363	1330	"	0	50	13	"	"	
	15:45	81° 34.4 N	11° 21.9 E	6.4	116	1382	1386	1350	"	0	50	13	"	"	
	15:55	81° 33.7 N	11° 29.8 E	6.5	330	1397	2004	1350	"	40	50	13	"	Station 044/092	
	30.7.	10:00	81° 34.3 N	11° 59.7 E	3.1	160	2047	2085	1950	"	0.0	50	13	Vladimir	End Station 044/092, PS 2860
		10:15	81° 33.2 N	12° 02.7 E	4.0	109	2093	2097	1950	"	"	50	13	"	← Paper # 13 → # 14
10:30		81° 32.3 N	12° 06.5 E	7.3	196	-	2102	2050	"	"	50	14	"	"	
10:45		81° 31.3 N	12° 13.0 E	8.2	115	2093	-	"	"	"	50	14	"	"	
11:01		81° 29.8 N	12° 13.5	7.1	182	2096	2102	2050	"	"	50	14	"	"	
11:15		81° 28.9 N	12° 16.3	6.4	140	2099	2103	2050	"	"	50	14	"	"	
11:30		81° 28.8 N	12° 19.5	0.5	48	2122	2130	2050	"	"	50	14	"	"	
11:50		81° 28.9 N	12° 18.8	21.2	313	2114	2123	2050	"	20	50	14	"	Station for ice fishing with 12:25	
12:27		81° 28.9 N	12° 22.5 E	6.2	120	2138	2151	2050	-1-	0	-1-	-1-	S. M.	End of ice fishing (Paper speed 1:5000)	
12:50		81° 28.7 N	12° 24.9 E	7.6	100	2136	2145	2050	-1-	-1-	-1-	-1-	"	"	
12:55		81° 28.6 N	12° 27.0 E	4.5	105	-	2207	2050	-1-	-1-	-1-	-1-	"	"	
13:00		81° 28.4 N	12° 30.4 E	4.5	123	-	2160	2050	-1-	-1-	-1-	-1-	"	"	
13:15		81° 27.6 N	12° 36.6 E	6.4	160	2188	2198	2160	-1-	-1-	-1-	-1-	"	"	
13:30		81° 26.5 N	12° 41.0 E	4.0	211	2237	2247	-1-	-1-	-1-	-1-	-1-	"	"	
13:45		81° 25.8 N	12° 42.9 E	4.1	153	-	2259	-1-	-1-	-1-	-1-	-1-	"	"	
14:00		81° 24.48 S	12° 47.0 E	7.6	216	2292	2299	2160	-1-	-1-	-1-	-1-	"	"	
14:15									-1-	-1-	-1-	-1-	"	"	
14:30		81° 21.72 N	12° 48.31 E	5.0	187	2318	2322	2260	-1-	-1-	-1-	-1-	"	"	
14:45		81° 20.99 N	12° 51.43 E	2.9	153	2370	2370	"	-1-	-1-	-1-	-1-	"	"	

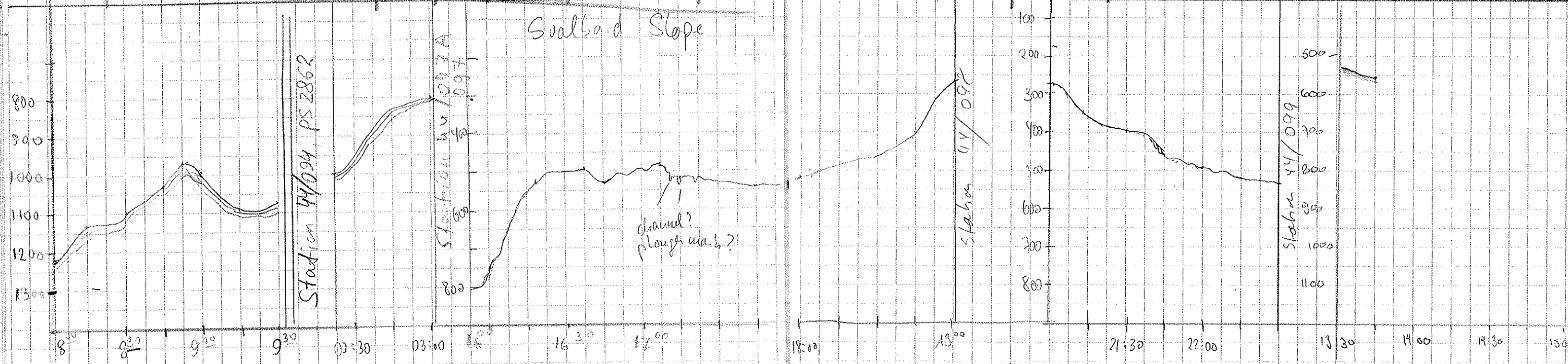


Date	Time	Lat/Long	Longitude	Speed	Course	Depth 75	Depth 45	Water	Depth	Wait	Paper No.	Paper No.	Remarks	Remarks
30.7.	15:00	81° 19.77 W	12° 53.28	5.7	168	2325	2330.0	2260	"	0	50	14	Blank	
	15:15	81° 19.12 W	12° 55.06	5.5	679	2315	2329.0	"	"	"	"	"	"	
	15:30	81° 18.56 W	13° 01.47	5.7	112.3	2322	2325.0	"	"	"	"	"	"	
	15:51	81° 16.63	12° 57.	4.6	173.	2312	2337.	"	"	"	"	"	"	
	16:02	81° 16.41	13° 00.13	5.2	125	2308	2311	"	"	0	"	"	"	
31.7	23:05	81° 16.03 N	15° 20.91 E	3:0	281	2240	2258	2200	"	0	51	"	Kühh	Station 44/093/ 2861
	23:15	81° 15.46 N	15° 18.92 E	7.6	234	2254	2306	2200	"	0	51	"	Kühh	0:03 Paperwechsel # 50 → 51 20:00
	23:30	81° 14.26 N	15° 25.76 E	7.2	187	2228	2241	2200	"	0	51	"	Kühh	
	23:45	81° 12.76 N	13° 22.74 E	8.3	213	2248	2256	2200	"	0	51	"	Kühh	
	24:00	81° 12.26 N	13° 21.74 E	3.2	326	2258	2260	2200	"	0	51	"	Kühh	
1.8	0:15	81° 12. N	13° 22.22 E	1.2	517	2278	2279	2200	"	0	51	"	Damm	
	0:30	81° 10.2 N	13° 18.99 E	1.5	144	2236	2237	"	"	"	51	"	"	
	0:45	81° 09.56 N	13° 18.04 E	6.5	296	2230	2235	"	"	"	51	"	"	
	1:00	81° 09.2 N	13° 14.23 E	7.6	220	2210	2216	"	"	"	51	"	"	
	1:15	81° 09.53 N	13° 09.12 E	5.8	191	2102	2209	"	"	"	51	"	"	
	1:30	81° 09.42 N	13° 02.91 E	3.6	176	2126	2202	"	"	"	51	"	"	
	1:45	81° 09.37 N	13° 05.89 E	3.9	213	2140	2177	"	"	"	51	"	"	
	2:00	81° 09.47 N	13° 05.31 E	3.5	171	2149	2156	"	"	"	51	"	"	
	2:15	81° 09.20 N	13° 04.30 E	7.0	173	2138	2142	"	"	"	51	"	"	
	2:30	81° 09.09 N	13° 01.63 E	5.9	187	2115	2122	"	"	"	51	"	"	
	2:45	81° 09.05 N	13° 00.58 E	7.6	206	2074	2074	"	"	"	51	"	"	
	3:00	81° 09.09 N	13° 00.21 E	3.1	202	2052	2057	"	"	"	52	"	"	3:00 Paper # 51 → # 52
	3:15	81° 09.04 N	12° 59.21 E	2.2	209	-	2043	"	"	"	52	"	"	
	3:30	81° 09.04 N	12° 56.61 E	2.2	113	-	1998	"	"	"	52	"	"	
	3:45	81° 09.04 N	12° 56.12 E	3.1	178	-	1984	"	"	"	52	"	"	
	4:00	81° 09.04 N	12° 55.4	3.4	237	-	2129	"	"	"	52	"	"	
	4:15	80° 57.3 N	12° 55.7	4.8	170	-1-	1953	-11-	-11-	-11-	"	-11-	SWD	Paper speed 1:5000
	4:30	80° 56.31 N	12° 53.91	6.8	260	-1-	-1-	-1-	-1-	-1-	"	-1-	SWD	"Maxim hatte Wedge-Wache"
	4:45	80° 56.1 N	12° 53.9	7.0	240	-1-	1693	-1-	-1-	-1-	"	-1-	SWD	
	5:00	80° 54.9 N	12° 54.17 E	3.2	174	-1-	1351	1740	"	"	"	"	"	
	5:15	80° 54.03 N	12° 54.1	4.0	130	-1-	1580	-1-	-1-	-1-	"	-1-	"	
	5:30	80° 51.4 N	12° 54.0	2.6	201	-1-	-1-	-1-	-1-	-1-	"	-1-	"	
	5:45	80° 50.7 N	12° 48.0	5.7	140.7	-1-	-1-	-1-	-1-	-1-	"	-1-	"	
	6:00	80° 46.0 N	12° 47.5	4.5	200.	-1-	-1-	-1-	-1-	-1-	"	-1-	"	
	6:15	80° 43.1 N	12° 45.8	4.4	190.	-1-	-1-	-1-	-1-	-1-	"	-1-	"	
	6:30	80° 41.5 N	12° 44.5	1.2	205.	-1-	-1-	-1-	-1-	-1-	"	-1-	"	
	6:45	80° 41.5 N	12° 44.3	1.2	143	221	1454	1300	-1-	-1-	-1-	-1-	"	
	7:00	80° 41.9 N	12° 44.9	6.5	185	-	1499	-1-	-1-	-1-	-1-	-1-	SWD	

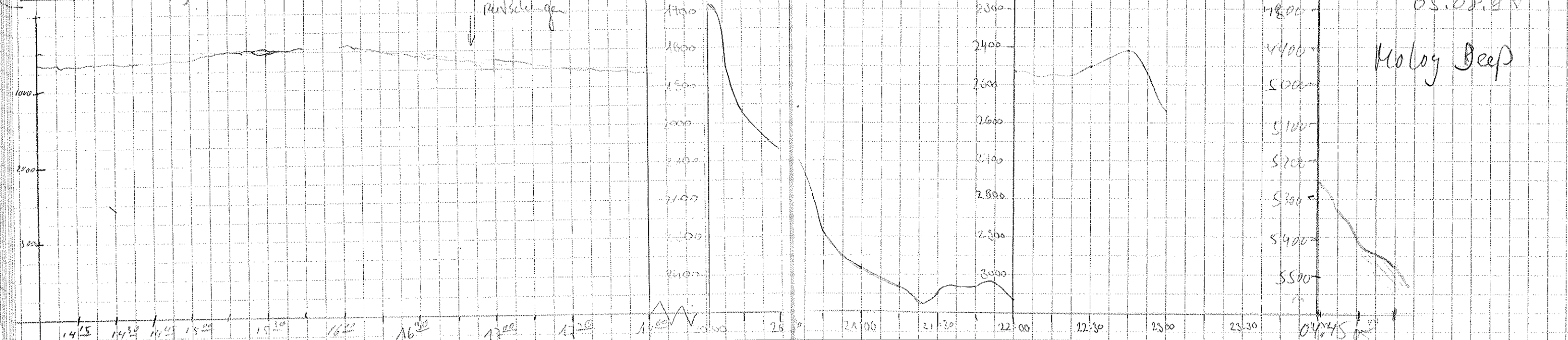


Date	Time	Latitude	Longitude	Speed	Course	Depth	Depth MS	Wind	Rec Len	Wait	Tape	Pages	Remarks
1.08	7:15	80° 42.1	12° 00.1	4.1	260	-PS	-	1200					
1997	7:30	80° 42.2	12° 30.5	5.2	377	-	-	-			52		
	7:45	80° 41.6	12° 31.1	4.5	233	-	1370	-					
	8:00	80° 39.9	12° 35.8	6.3	143	1.93	1217	1150		0.0		14	Vladimir
	8:16	80° 38.2	12° 35.9	6.4	211	1623(?)	1137	1100	-	-			-
	8:30	80° 37.0	12° 33.9	7.3	192	-	1108	1000	-	-			-
	8:45	80° 34.6	12° 28.6	12.9	206	-	1031	900	-	-			-
	9:00	80° 33.9	12° 17.0	12.8	294	-	1006	900	-	-			-
	9:15	80° 35.5	12° 20.6	12.5	260	-	1095	1010	-	-			-
	9:30	80° 35.2	11° 54.7	1.3	236	-	1076	1010	-	4.0		52	
2.8.	2:15	80° 34	11° 55	9.6	251	1009	1016	910	166	0		52	Niemn
	2:30	80° 34.3	10° 40.7	10.9	258	895	901	780	"	"		53	"
	3:00	80° 33	10° 18	0.4	-	803	806	780	"	20			"
	4:30	80° 31.8	10° 22.3	-	-	792	775	780	"	20			"
	14:30	80° 29.7	10° 29.4	-	-	821	822	730	"	20			"
	15:00	80° 28.7 N	10° 28.6 E	10.5	182	805	793	730	-	0.0			Levitian
	16:15	80° 25.2	10° 29.4	10.9	180	520	520	380	"	"			Niemn
	16:30	80° 23.0	10° 29.3	10.4	173	495	494	380	"	"			"
	16:45	80° 20.2	10° 28.7	10.9	184	418	419	380	"	"			"
	17:00	80° 17.6	10° 27.8	10.5	184	518	519	450	"	"			"
	17:15	80° 14.8	10° 26.8	10.9	182	498	497	450	"	"			"
	17:30	80° 12.1	10° 26.1	11.0	180	513	519	450	"	"			"
	17:45	80° 09.2	10° 25.8	11.0	181	531	532	450	"	"			"
	18:00	80° 06.9	10° 25.8	11.0	182	519	519	450	"	"			"
	18:15	80° 03.76 N	10° 27.31 E	11.2	170	431	430	450	"	"			Kühn
	18:30	80° 00.97 N	10° 30.24 E	10.9	171	461	460	300	"	"			Kühn
	18:45	80° 00.02 N	10° 43.50 E	10.1	88	393	393	300	"	"			Kühn
	19:00	79° 53.98 N	10° 51.93 E	0.3	144	277	276	200	"	"			Kühn
	21:15	80° 00.9 N	10° 53.1 E	1.0	216	278	277	200	"	0		55	Niemn
	21:45	80° 04.5	10° 41.1	10.2	332	440	448	300	"	"			"
	22:15	80° 09.1	10° 28	10.2	334	521	519	420	"	"			"
	22:30	80° 10.4	10° 24.2	-	-	527	527	420	"	20			"
3.8	13:30	80° 10.8 N	10° 23.83 E	6.7	237	533	534	420	206	0.0		55	14 Klüber
	13:45	80° 09.1 N	10° 18.0 E	9.7	229	550	552	420	266	0.0		55	14 "
	14:00	80° 07.8 N	10° 05.4 E	9.2	227	542	544	520	266	0.0		55	14 "

9:30 Beginning St. 44/094 (PS 2862)
 15:00 - 02:00 Taste Storage, O-line? off!
 End Station 044/094 PS2862
 02:25 HP3852 Error Reset Digital Amplifier
 Band unchained
 Station 44/095 PS 2863
 Fault 332 num 2. Mal! Ampl. held
 get in den Keller Reset!
 Erneut HP3852 Error Reset Paradijma
 Fault 332 num 3. Mal! Amplitude max
 50%
 Station 44/097(a) PS 2865
 15:57 End Station 44/097 A



Date	Time	Latitude	Longitude	Speed	Course	Depth fms	Depth fms	Wind dir	Rec Len	Wair	# tape	# pages	Name	Remarks	
3.8	14 ¹⁵	80°06.13N	09°53.44E	9.1	233	545	546	520	266	0	55	14	Mohr		
	14 ³⁰	80°04.63N	09°48.57E	9.3	231	530	532	500	"	"	"	"	"		
	14 ⁴⁵	80°03.16N	09°31.81E	9.4	231	512	514	500	"	"	56	"	"	Tape #55 => #56	
	15 ⁰⁰	80°01.55N	09°21.29E	9.4	230	503	505	480	"	"	"	"	"		
	15 ¹⁵	80°00.18N	09°12.02E	9.5	230	494	495	480	"	"	"	"	"		
	15 ³⁰	79°58.67N	09°01.71E	9	228	485	485	480	"	"	"	"	"		
	15 ⁴⁵	79°56.88N	08°49.85E	8.7	229	477	477	460	"	"	"	"	"		
	16 ⁰⁰	79°55.67N	08°42.10E	8.0	230	481	488	460	"	"	"	"	"		
	3.8	16 ¹⁵	79°54.13N	08°31.61E	8.8	230	494	493	460	"	"	"	"	Calliff	
		16 ³⁰	79°52.51N	08°17.36E	8.2	228	537	537	460	"	"	"	"	"	
16 ⁴⁵		79°51.02N	08°11.28E	7.7	228	568	568	460	"	"	"	"	"		
17 ⁰⁰		79°49.59N	08°02.41E	8.2	232	619	619	500	"	"	"	"	"		
17 ¹⁵		79°46.23N	07°53.04E	7.9	229	687	680	620	"	"	"	"	"		
17 ³⁰		79°46.85N	07°43.27E	8.5	229	734	734	620	"	"	"	"	"		
17 ⁴⁵		79°45.61N	07°34.97E	8.6	232	770	770	620	"	"	"	"	"		
18 ⁰⁰		79°44.34N	07°26.38E	8.7	229	809	809	760	"	"	"	"	"		
3.8	20 ⁰⁰	79°32.10N	06°08.2'E	8.8	231	1680	1693	1580	"	0	57	"	Klinger		
	20 ¹⁵	79°31.2'N	05°56.8'E	8.8	232	1964	1973	1940	"	0	57	14	"		
	20 ³⁰	79°30.1'N	05°50.4'E	9.2	233	2070	2078	1950	"	0	57	14	"		
	20 ⁴⁵	79°26.2'N	05°27.5'E	9.5	233	2276	2283	2230	"	0	57	14	"		
	21 ⁰⁰	79°27.6'N	05°21.6'E	7.8	243	2371	2375	2230	"	0	57	14	"		
	21 ¹⁵	79°27.2'N	05°20.5'E	8.3	231	2436	2465	2350	"	0	57	14	"	T	
	21 ³⁰	79°24.6'N	05°09.7'E	10.2	234	-	2460	2350	"	0	57	14	"		
	21 ⁴⁵	79°23.2'N	04°59.380'E	8.9	232	2432	2440	2350	"	0	57	14	"		
	22 ⁰⁰	79°21.2'N	04°45.5'E	8.8	231	-	2460	2350	266	0	57	14	"		
	22 ³⁰	79°18.5'N	04°23.5'E	10.4	231	2427	2433	2330	266	0	57	14	"		
	23 ⁰⁰	79°14.6'N	04°14.9'E	10.1	210	2565	2570	2480	266	0	57	14	"		
	23 ³⁰	79°11.1'N	03°52.1'E	8.6	237	-	-	-	-	0	57	14	"		
	04.08	01 ³⁰	79°06.10N	03°06.623'E	6.6	310.6	3441	3451	3210	266	0	57	14	"	Station 1044/100
	05.08	04 ³⁰	79°04.5N	03°18.7E	0.8	1760	5226	5235	5150	-11	11	11	11	8.1M.	OHAS
04 ⁴⁵	79°04.5N	03°14.6E	11.4	320	5358	5368	5300	-11	11	11	11	11	11		
04 ⁵⁵	79°06.4N	03°11.3E	11.6	330	5411	5424	5300	-11	11	11	11	11	11		
05 ¹⁰	79°02.8N	02°00.0E	11.5	280	5474	5484	5300	-11	11	11	11	11	11	Change tape 57 for 58	
05 ¹⁵	79°02.8N	02°04.6E	11.4	280	5580	5480	5450	-11	11	11	11	11	11		



notice board!

Date	Time	Lat	Long	Depth	Depth	Depth	Depth	Rec.	Wait	Tape	Page	Name	
				ps	MS	MS	MS			№	№		
05.03	05:30	79°08'30" N	0°00'00" E	11.7	267	539	5320	5300	266	0	58	14	E. M.
	05:45	79°00'00" N	02°15'00" E	11.6	300	425	4454	4400	"	"	"	"	"
	06:00	79°10'50" N	01°50'00" E	11.8	280	425	426	4150	"	"	"	"	"
	06:15	79°10'00" N	01°50'00" E	9.5	289	375	3826	3700	"	"	"	"	"
	06:30	79°10'00" N	01°46'00" E	7.5	287	-	3218	3100	"	"	"	"	"
	06:45	79°08'00" N	01°37'00" E	7.9	282	2500	265	2600	"	"	"	"	"
	07:00	79°08'00" N	01°23'00" E	11.1	282	2684	2695	2600	"	"	"	"	"
	07:15	79°08'00" N	01°16'00" E	11.5	265	2718	2640	2600	"	"	"	"	"
	07:30	79°08'00" N	01°01'00" E	11.4	289	2720	2711	2700	"	"	"	"	"
	07:45	79°08'00" N	00°52'00" E	11.5	313	2804	2790	2700	"	"	"	"	"
	08:00	79°11'00" N	00°37'00" E	11.3	270	2782	2726	2700	266	0	58	14	Fahr
S. 897	8:15	79°11'00" N	00°21'00" E	11.5	259	2754	2701	2700	266	0	58	14	Fahr
	8:30	79°10'00" N	00°09'00" E	11.0	221	2739	2686	2700	266	0	58	14	Fahr
	8:45	79°09'00" N	00°02'00" E	11.4	278	2727	2669	2650	266	0	58	14	Fahr
	9:00	79°11'00" N	00°12'00" W	5.3	353	2751	2689	2650	266	0	58	14	Fahr
	9:15	79°12'00" N	00°11'00" W	4.9	7.8	2765	2698	2650	266	0	58	14	Fahr
	9:30	79°14'00" N	00°10'00" W	6.4	23	2779	2779	2650	266	0	58	14	Fahr
	9:45	79°16'00" N	00°09'00" W	9.7	34	2826	2762	2700	266	0	58	14	Fahr
	10:00	79°18'00" N	00°09'00" W	2.9	340	2866	2812	2750	266	0	58	14	Fahr
	10:15	79°18'00" N	00°11'00" W	2.7	339	2864	2820	2750	"	0	58	14	1 ki Saun
	10:30	79°20'00" N	00°12'00" W	1.6	1.5	2858	2753	2750	"	0	58	14	"
	10:45	79°21'00" N	00°13'00" W	5.2	18.8	2857	2783	2750	"	0	58	15	Mai Saun
	11:00	79°22'00" N	00°11'00" W	3.8	342	2873	-	2750	"	0	58	15	"
	11:15	79°24'00" N	00°12'00" W	5.7	17	2871	2857	"	"	"	"	"	"
	11:30	79°25'00" N	00°15'00" W	8.7	349	2865	2804	2750	"	"	"	"	"
	11:45	79°27'00" N	00°15'00" W	7.1	8	2843	-	2750	266	0	58	15	Mai Saun
	12:15	79°30'00" N	0°14'00" W	5.5	17.9	2821	-	2750	"	"	58	"	Mai Saun
	12:30	79°31'00" N	0°12'00" W	5.2	19	2811	-	"	"	"	"	"	"
	12:45	79°32'00" N	0°12'00" W	3.1	349	2818	2823	"	"	"	"	"	"
	13:00	79°33'00" N	0°14'00" W	6.7	316	2818	2821	"	"	"	"	"	"
	13:15	79°35'00" N	0°21'00" W	10.4	4	2820	2825	"	"	"	"	"	"
	13:30	79°39'00" N	0°22'00" W	11.5	3.9	2821	2769	"	"	"	"	"	"
	13:45	79°41'00" N	0°22'00" W	10.9	28.6	2821	2769	"	"	"	"	"	"
	14:00	79°42'00" N	0°24'00" W	14.4	309.1	2821	2741	"	"	"	"	"	"
	14:15	79°44'00" N	0°16'00" W	6.9	66.5	2817	2767	"	"	"	"	"	"
	14:30	79°46'00" N	0°05'00" W	14.7	56.4	2810	2760	"	"	"	"	"	"
	14:45	79°48'00" N	0°03'00" E	11.2	78.3	2802	2747	"	"	"	"	"	"
	15:00	79°50'00" N	0°04'00" E	9.5	353.2	2777	2724	"	"	"	"	"	"
	15:15	79°52'00" N	0°04'00" E	11.5	16.0	2631	2584	2500	"	"	"	"	"

Keine Station mehr!

Dritting 10.0

das weiß man erst wenn's soweit ist

über 6 Tage (ist das gut oder schlecht?)

3 langweilige Wache: - - - - - passiv wach!

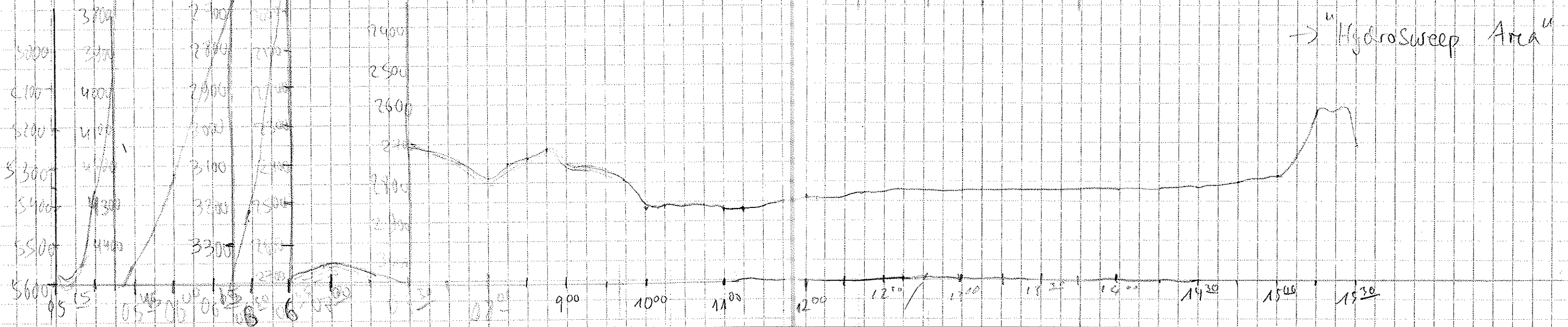
maybe that it will become spannend because of the road line on "TV"-Passage

Clemens macht der Passagier-Raum unbesetzt (= Risiko Hydrosweep wurde eingeflogen)

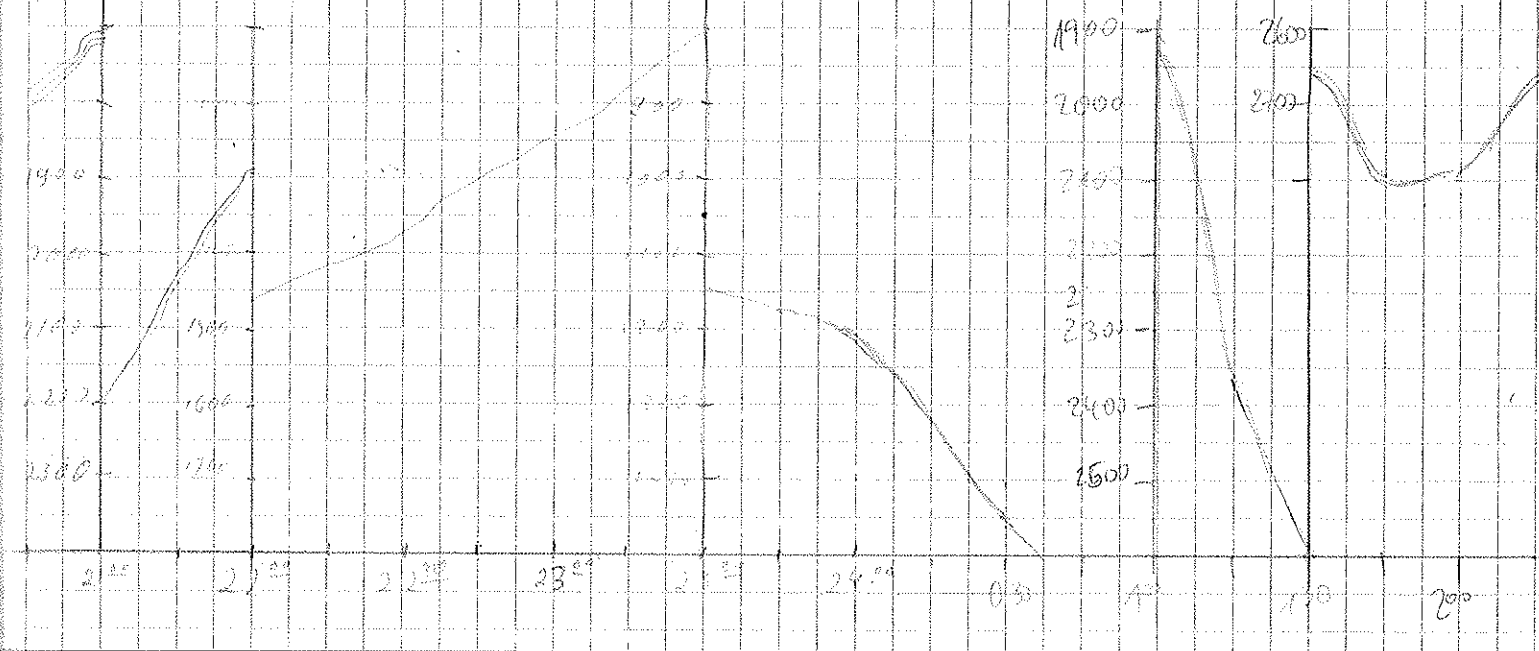
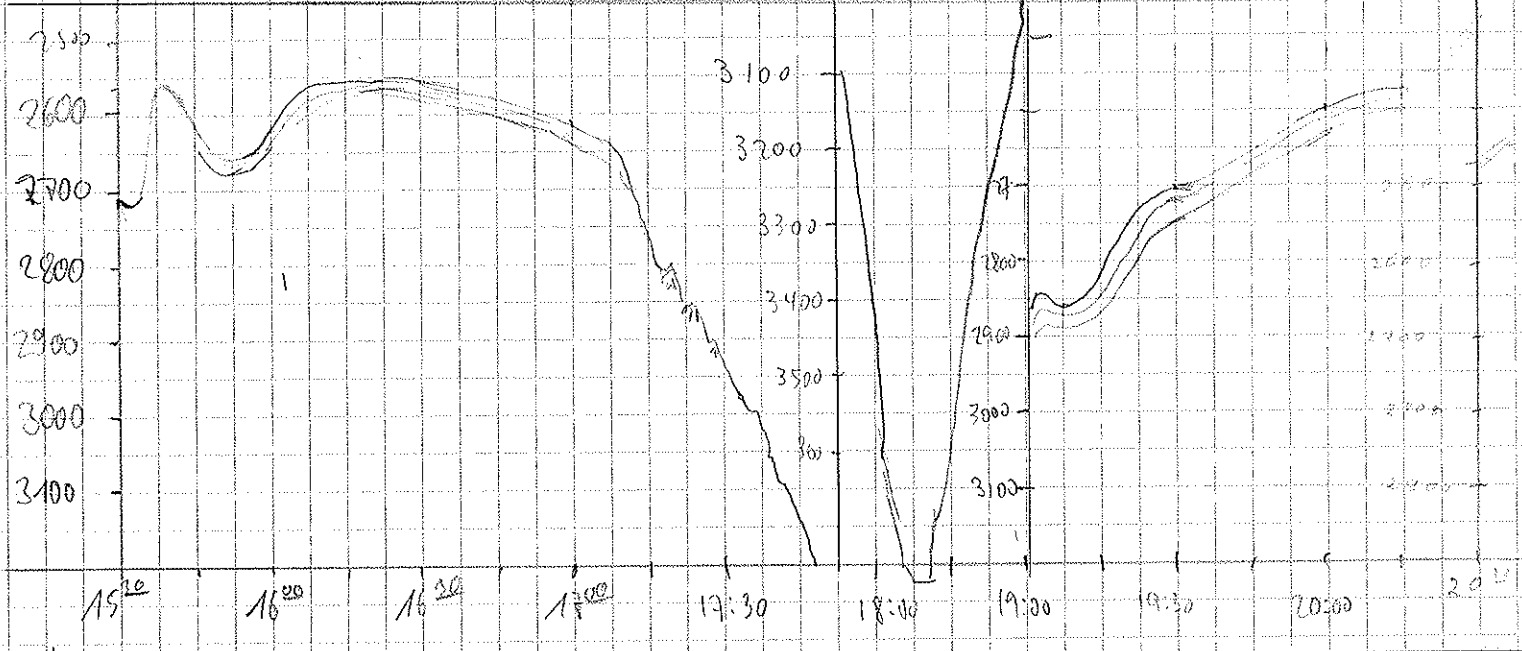
Alle setzen zum Heeling - und ist kein niemanden weiter

⇒ Rollenwechsel

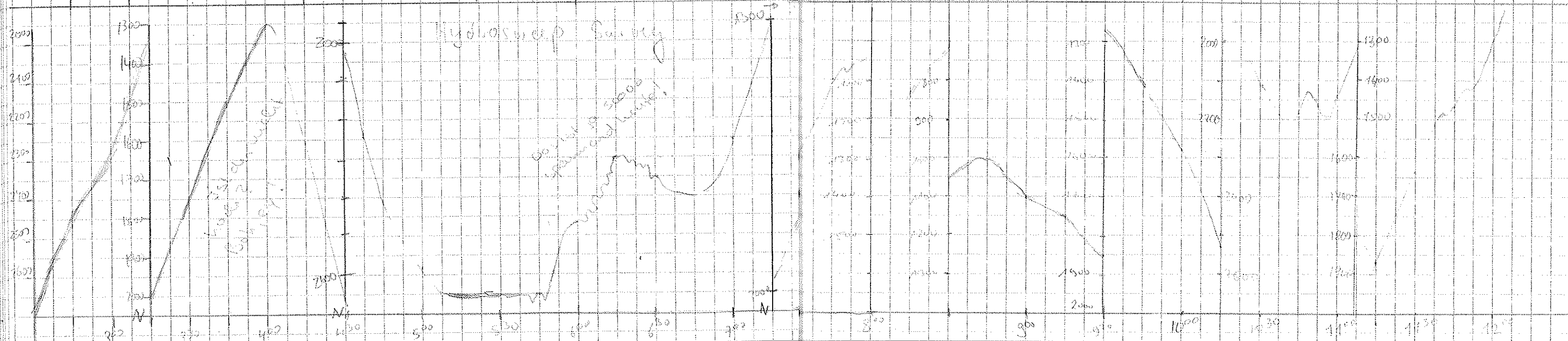
Neuer Tape # 58 ⇒ # 59



Date	Time	Lat.	Long.	speed	course	depth PS	depth HS	wind	kc. lev.	Wind	Temp	Pressure	name	remarks
58	15 ³⁰	79° 54.89 N	0° 05.1 W	12.4	0.3	2719	2672	2600	266	0	59	15	Detloff	
"	15 ⁴⁵	79° 56.68 N	0° 00.86 E	9.3	342	2621	2549	2500	"	"	"	"	"	
"	16 ⁰⁰	79° 57.91 N	0° 02.20 E	11.7	136	2618	2540	2500	"	"	"	"	"	
"	16 ³⁰	79° 56.8 N	0° 03.5 E	2.0	161	2570	2548	2500	"	"	"	"	Niesau	
"	17 ⁰⁰	79° 59.4	0° 26.7 E	9.5	350	2650	2598	2610	"	"	"	4	"	
"	17 ³⁰	79° 59.6	0° 47.7 E	10.7	291	2977	2926	2950	"	"	"	"	"	
"	18 ⁰⁰	80° 00.1 N	1° 07.9 E	9.4	070	3649	3585	3580	"	"	"	"	"	
"	18 ³⁰	79° 59.7	1° 36.7 E	7.9	253	3114	3104	3070	"	"	"	"	"	
"	19 ⁰⁰	79° 58.9	1° 56.7	10.2	115	2875	2864	2810	"	"	"	"	"	
"	19 ²⁵	79° 58.31	2° 09.1 E	8.2	81.2	2790	2755	2750	"	"	"	"	"	
"	19 ⁴⁰	79° 59.3	2° 29.0	9.5	067	2712	2676	2600	"	"	60	"	"	
"	20 ⁰⁰	80° 00.4	2° 44.8	10.3	084	2624	2589	2600	"	"	"	"	"	
"	20 ¹²	81° 00.08 W	2° 58.16 E	6.3	113	2564	2510	2400	"	"	"	"	"	
"	20 ²²	79° 58.77 N	3° 01.47 E	8.9	105	2477	2445	2400	"	"	"	"	"	
"	20 ⁴¹	79° 59.00 N	3° 22.18 E	9.8	83	2381	-	2300	"	"	"	"	"	
"	21 ⁰⁰	79° 59.17 N	3° 31.46 E	7.7	132	2321	-	2200	"	"	"	"	"	
"	21 ¹⁵	79° 59.21 W	3° 43.25 E	10	73	2235	2205	2100	"	"	"	"	"	
"	21 ³⁰	79° 58.99 N	3° 52.80 E	10.3	120	-	1948	1900	"	"	"	"	"	
"	22 ⁰⁰	79° 58.72 W	4° 15.08 E	7	79	1420	1631	1600	"	"	"	"	"	} dickes Eis PS-Signal angetrieben
"	22 ³⁰	79° 58.68 N	4° 32.29 E	8.2	80	1060	1420	1300	"	"	"	"	"	
"	22 ⁴⁵	79° 58.82 N	4° 40.21 E	5.4	52	-	7833	1300	"	"	"	"	"	
"	23 ⁰⁰	79° 58.63 N	4° 46.65 E	3.7	702	366	1284	800	"	"	"	"	"	
"	23 ¹⁵	79° 58.19 N	4° 53.14 E	4.8	37	969	1221	1100	"	"	"	"	"	
"	23 ³⁰	79° 58.11 N	5° 01.38 E	7.2	106	1079	1161	1100	"	"	"	"	"	
"	23 ⁴⁵	79° 57.91 W	5° 05.26 E	4.2	265	849	424	1100	"	"	"	"	"	
68	20 ⁰⁰	79° 58.97 N	5° 04.97 E	8.3	173	857	1237	1100	"	"	"	"	Volkman	
"	0 ¹⁵	79° 53.55 N	5° 05.09 E	11.6	180	1005	1321	1250	"	"	"	"	"	
"	0 ³⁰	79° 50.77 N	5° 04.17 E	11.3	181	-	1442	1360	"	"	"	"	"	
"	0 ⁴⁵	79° 47.14 N	5° 05.0 E	11.7	181	-	1671	1630	"	"	"	"	"	
"	1 ⁰⁰	79° 44.76 N	5° 04.99 E	12.4	180	1529	1436	1900	"	"	"	"	"	
"	1 ¹⁵	79° 41.20 N	5° 04.99 E	12.1	180	-	2216	2300	"	"	"	"	"	
"	1 ³⁰	79° 38.57 N	5° 05.0 E	11	179	-	2659	2600	"	"	"	"	"	
"	1 ⁴⁵	79° 35.57 N	5° 04.99 E	11.4	180	-	2800	2750	"	"	"	"	"	
"	2 ⁰⁰	79° 33.04 W	5° 05.0 E	11.1	180	-	2730	11	"	"	"	"	"	
"	2 ¹⁵	79° 30.03 N	5° 05.0 E	11.2	179.2	-	2662	2650	"	"	61	"	"	Temp.wechsel
"	2 ³⁰	79° 27.38 N	5° 04.99 E	11.5	180	-	2577	2500	"	"	"	"	"	



date	time	lat	long	speed	course	depth	depth	wind	temp	wait	tape	paps	name	remarks
6.8.	245	79° 27.30 N	5° 05.0 E	11.7	180	2452	2404	2320	266	0	61	15	Volkman	
	250	79° 27.40 N	5° 05.0 E	11.7	180	-	3218	2150	"	"	"	"	"	
	255	79° 27.45 N	5° 04.99 E	12.0	180	-	2008	-	"	"	"	"	"	
	260	79° 27.50 N	5° 05.0 E	12.1	180	-	1784	1620	"	"	"	"	"	
	345	79° 27.10 N	5° 05.0 E	12.5	180	-	1516	1480	"	"	"	"	"	
	400	79° 09.48 N	5° 04.99 E	12.3	180	1238	1362	1300	"	"	"	"	"	
	415	79° 06.25 N	5° 04.00 E	12.4	180	1552	1575	1450	"	"	"	"	Kahn	
	420	79° 05.25 N	5° 04.00 E	12.0	180	2058	1500	1850	"	"	"	"	Kahn	
	425	79° 00.27 N	5° 04.89 E	11.8	180	2425	2373	2300	"	"	"	"	Kahn	
	430	78° 57.28 N	5° 04.99 E	11.6	180	2565	2492	2400	"	"	"	"	Kahn	
	435	78° 56.28 N	5° 04.99 E	12.2	180	2643	2579	2550	"	"	"	"	Kahn	
	440	78° 51.06 N	5° 04.99 E	12.2	180	2672	2601	2550	"	"	"	"	Kahn	
	445	78° 47.54 N	5° 04.99 E	12.1	180	2646	2576	2550	"	"	"	"	Kahn	
	450	78° 45.39 N	5° 04.00 E	12.1	88	2502	2472	2350	"	"	"	"	Kahn	Hydrographic Survey
	455	78° 46.00 N	5° 04.00 E	12.6	94	2317	2276	2200	"	"	"	"	Kahn	
	460	78° 46.00 N	5° 04.00 E	12.6	89	2372	2325	2300	"	"	"	"	Kahn	
	465	78° 46.00 N	5° 04.00 E	12.4	89	2391	2343	2300	"	"	"	"	Kahn	
	470	78° 46.00 N	6° 03.41 E	12.5	89	2267	2212	2150	"	"	"	"	Kahn	
	475	78° 46.00 N	6° 03.50 E	12.3	90	1924	1886	1850	"	"	"	"	Kahn	
	480	78° 46.00 N	6° 45.68 E	12.7	90	1632	1603	1550	"	"	"	"	Kahn	
	485	78° 46.00 N	7° 01.37 E	12.5	90	1442	1422	1400	"	"	"	"	Kahn	
	490	78° 45.99 N	7° 18.14 E	12.7	90	1226	1203	1200	"	"	"	"	Kahn	
	495	78° 45.99 N	7° 31.25 E	12.7	90	1102	1073	1050	"	"	"	"	Kahn	
	500	78° 45.99 N	7° 45.39 E	12.7	90	1060	1036	1000	"	"	"	"	Kahn	
	505	78° 45.99 N	8° 00.18 E	12.3	90	1007	989	950	"	"	"	"	Kahn	
	510	78° 45.99 N	8° 11.37 E	12.4	276	1202	1172	1110	"	"	"	"	Kahn	
	515	78° 44.00 N	8° 22.31 E	12.2	270	1145	1121	1100	"	"	"	"	Kahn	
	520	78° 44.00 N	8° 32.11 E	12.3	270	1210	1212	1200	"	"	"	"	Kahn	
	525	78° 44.00 N	8° 42.31 E	12.3	270	1276	1274	1250	"	"	"	"	Kahn	
	530	78° 44.00 N	6° 42.31 E	12.4	263	1570	1537	1490	"	"	"	"	Kahn	
	535	78° 44.00 N	6° 30.6 E	12.6	269	1835	1817	1700	"	"	"	"	Kahn	
	540	78° 44.00 N	6° 17.7 E	12.3	249	2112	2072	2060	"	"	"	"	Kahn	
	545	78° 43.52 N	5° 53.9 E	9.8	172	2186	2148	2050	"	"	"	"	Kahn	10 ⁰⁰ TAP 61 → TAP 62 (2/2)
	550	78° 42.99 N	6° 08.30 E	12.8	93	2148	2115	2050	"	"	"	"	Kahn	
	555	78° 41.99 N	6° 22.57 E	12.8	87	1871	1844	1780	"	"	"	"	Kahn	
	560	78° 42.00 N	6° 38.41 E	12.8	94	1592	1610	1580	"	"	"	"	Kahn	
	565	78° 42.00 N	6° 54.90 E	13.0	80	1704	1632	1370	"	"	"	"	Kahn	
	570	78° 42.00 N	7° 11.1 E	13.0	91	1186	1159	1100	"	"	"	"	Kahn	



Date	Time	Lat	Long	Speed	Course	depth PS	depth HS	Wind	direction	speed	temp	depth	name	Remarks
6/8	12:15	78°42.8	20°59	10.7	-	1072	999	-	216	2	62	15	Ende P 3	
	12:57	78°37.9	2°38.4	-	280	1015	1019				"	"	Anfang P 4	
	14:47	78°40.0	6°01.9	18.0	270	2462	2401				"	"	Ende P 4	Hydro-sweep Survey
	14:58	78°38.1	6°01.8	16.5	10	2236	2093				"	"	Anfang P 5	
	16:54	78°37.8	8°00.4			1078	1051	-	"	"	"	"	Ende P 5	
	17:01	78°36	8°00.1			1137	1108		"	"	"	"	Anfang P 6	Neu die Endpunkte der Profile
	18:56	78°35	5°59.5			2206	2247		"	"	"	"	Ende P 6	und eingeschlagen.
	19:01	78°34.0	6°00.0	12.2		2306					63		Anfang P 7	
	21:05	78°33.8	7°59.9	11.4		1332	1285				"		Ende P 7	insgesamt: 15 Profile a 24 m
	21:30	78°32.0	8°03.9	12.7		3000	2920				16		Anfang P 8	3000 m 12 Profile a 36 m
	23:05		6°00.0			2100	2100						Ende P 8	
	23:20		5°59.0			2100	2090						Anfang P 9	20:17 Tape # 62 -> 63
	23:35		5°58.0			2100	2090						Ende P 9	
	23:50		5°57.0			2100	2090						Anfang P 10	
	24:05		5°56.0			2100	2090						Ende P 10	
	24:20		5°55.0			2100	2090						Anfang P 11	
	24:35		5°54.0			2100	2090						Ende P 11	
	24:50		5°53.0			2100	2090						Anfang P 12	
	25:05		5°52.0			2100	2090						Ende P 12	
	25:20		5°51.0			2100	2090						Anfang P 13	
	25:35		5°50.0			2100	2090						Ende P 13	
	25:50		5°49.0			2100	2090						Anfang P 14	
	26:05		5°48.0			2100	2090						Ende P 14	
	26:20		5°47.0			2100	2090						Anfang P 15	
	26:35		5°46.0			2100	2090						Ende P 15	
	26:50		5°45.0			2100	2090						Anfang P 16	
	27:05		5°44.0			2100	2090						Ende P 16	
	27:20		5°43.0			2100	2090						Anfang P 17	
	27:35		5°42.0			2100	2090						Ende P 17	
	27:50		5°41.0			2100	2090						Anfang P 18	
	28:05		5°40.0			2100	2090						Ende P 18	
	28:20		5°39.0			2100	2090						Anfang P 19	
	28:35		5°38.0			2100	2090						Ende P 19	
	28:50		5°37.0			2100	2090						Anfang P 20	
	29:05		5°36.0			2100	2090						Ende P 20	
	29:20		5°35.0			2100	2090						Anfang P 21	
	29:35		5°34.0			2100	2090						Ende P 21	
	29:50		5°33.0			2100	2090						Anfang P 22	
	30:05		5°32.0			2100	2090						Ende P 22	
	30:20		5°31.0			2100	2090						Anfang P 23	
	30:35		5°30.0			2100	2090						Ende P 23	
	30:50		5°29.0			2100	2090						Anfang P 24	
	31:05		5°28.0			2100	2090						Ende P 24	
	31:20		5°27.0			2100	2090						Anfang P 25	
	31:35		5°26.0			2100	2090						Ende P 25	
	31:50		5°25.0			2100	2090						Anfang P 26	
	32:05		5°24.0			2100	2090						Ende P 26	
	32:20		5°23.0			2100	2090						Anfang P 27	
	32:35		5°22.0			2100	2090						Ende P 27	
	32:50		5°21.0			2100	2090						Anfang P 28	
	33:05		5°20.0			2100	2090						Ende P 28	
	33:20		5°19.0			2100	2090						Anfang P 29	
	33:35		5°18.0			2100	2090						Ende P 29	
	33:50		5°17.0			2100	2090						Anfang P 30	
	34:05		5°16.0			2100	2090						Ende P 30	
	34:20		5°15.0			2100	2090						Anfang P 31	
	34:35		5°14.0			2100	2090						Ende P 31	
	34:50		5°13.0			2100	2090						Anfang P 32	
	35:05		5°12.0			2100	2090						Ende P 32	
	35:20		5°11.0			2100	2090						Anfang P 33	
	35:35		5°10.0			2100	2090						Ende P 33	
	35:50		5°09.0			2100	2090						Anfang P 34	
	36:05		5°08.0			2100	2090						Ende P 34	
	36:20		5°07.0			2100	2090						Anfang P 35	
	36:35		5°06.0			2100	2090						Ende P 35	
	36:50		5°05.0			2100	2090						Anfang P 36	
	37:05		5°04.0			2100	2090						Ende P 36	
	37:20		5°03.0			2100	2090						Anfang P 37	
	37:35		5°02.0			2100	2090						Ende P 37	
	37:50		5°01.0			2100	2090						Anfang P 38	
	38:05		5°00.0			2100	2090						Ende P 38	
	38:20		4°59.0			2100	2090						Anfang P 39	
	38:35		4°58.0			2100	2090						Ende P 39	
	38:50		4°57.0			2100	2090						Anfang P 40	
	39:05		4°56.0			2100	2090						Ende P 40	
	39:20		4°55.0			2100	2090						Anfang P 41	
	39:35		4°54.0			2100	2090						Ende P 41	
	39:50		4°53.0			2100	2090						Anfang P 42	
	40:05		4°52.0			2100	2090						Ende P 42	
	40:20		4°51.0			2100	2090						Anfang P 43	
	40:35		4°50.0			2100	2090						Ende P 43	
	40:50		4°49.0			2100	2090						Anfang P 44	
	41:05		4°48.0			2100	2090						Ende P 44	
	41:20		4°47.0			2100	2090						Anfang P 45	
	41:35		4°46.0			2100	2090						Ende P 45	
	41:50		4°45.0			2100	2090						Anfang P 46	
	42:05		4°44.0			2100	2090						Ende P 46	
	42:20		4°43.0			2100	2090						Anfang P 47	
	42:35		4°42.0			2100	2090						Ende P 47	
	42:50		4°41.0			2100	2090						Anfang P 48	
	43:05		4°40.0			2100	2090						Ende P 48	
	43:20		4°39.0			2100	2090						Anfang P 49	
	43:35		4°38.0			2100	2090						Ende P 49	
	43:50		4°37.0			2100	2090						Anfang P 50	
	44:05		4°36.0			2100	2090						Ende P 50	
	44:20		4°35.0			2100	2090						Anfang P 51	
	44:35		4°34.0			2100	2090						Ende P 51	
	44:50		4°33.0			2100	2090						Anfang P 52	
	45:05		4°32.0			2100	2090						Ende P 52	
	45:20		4°31.0			2100	2090						Anfang P 53	
	45:35		4°30.0			2100	2090						Ende P 53	
	45:50		4°29.0			2100	2090						Anfang P 54	
	46:05		4°28.0			2100	2090						Ende P 54	
	46:20		4°27.0			2100	2090						Anfang P 55	
	46:35		4°26.0			2100	2090						Ende P 55	
	46:50		4°25.0			2100	2090						Anfang P 56	
	47:05		4°24.0			2100	2090						Ende P 56	
	47:20		4°23.0			2100</								