


BRUNNEN 

PARASOUND

ARK XVI (17)

14 232  
96 Blatt, kariert

  
4003273009783

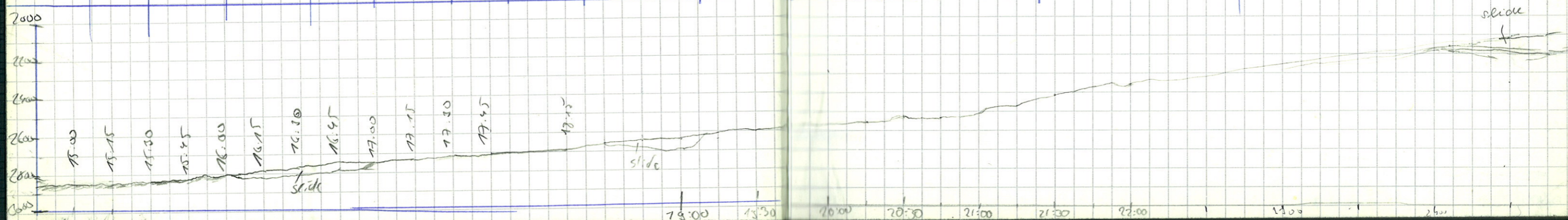


Date	Time (UTC)	Latitude	Longitude	Temp (PS)	Temp (HS)	Speed (kts)	Course	Tfreq	Pulse	Rec. Length	Window	1	2	Depth	Notes
4.7.00	15:00	70°19.93	9°48.90E	2860	2866	12.0	73.4	40	-	266	0	1	1	Detail	Jetzt geht's los!
5.7.00	15:10	70°21.95	9°50.35E	2853	2860	12.0	74.7	<	<	<	<	<	<	<	
	15:30	70°25.54	9°52.87	2842	2858	12.1	73.7	<	<	<	<	<	<	<	
	15:45	70°28.68	9°55.06	2831	2848	12.3	73.8	<	<	<	<	<	<	<	
	16:00	70°31.54	9°57.08	2815	2818	12.5	72.8	<	<	<	<	<	<	<	
	16:15	70°34.50	9°59.17	2797	2798	12.3	73.5	<	<	<	<	<	<	<	
	16:30	70°37.45	10°01.24	2782	2783	12.1	74.7	<	<	<	<	<	<	<	
	16:45	70°40.50	10°03.37	2755	2754	11.9	73.3	<	<	<	<	<	<	<	
	17:00	70°43.32	10°05.45	2756	2756	11.9	74.0	<	<	<	<	<	<	<	
	17:15	70°46.04	10°07.38	2744	2747	11.7	72.5	<	<	<	<	<	<	<	
	17:30	70°49.07	10°09.56	2723	2727	11.4	73.8	<	<	<	<	<	<	<	
	17:45	70°51.74	10°11.46	2715	2717	12.0	72.6	<	<	<	<	<	<	<	
	18:00	70°54.843	10°13.790	2706	2708	12.7	71.9	<	<	<	<	<	<	<	
	18:15	70°57.776	10°15.785	2697	2699	11.8	73.2	<	<	<	<	<	<	<	
	18:30	71°00.518	10°17.786	2684	2685	12	72.5	<	<	<	<	<	<	<	
	18:45	71°03.432	10°19.864	2659	2660	11.4	75.3	<	<	<	<	<	<	<	
	19:00	71°06.379	10°22.026	2636	2636	11.8	77.8	<	<	<	<	<	<	<	
	19:15	71°09.053	10°23.964	2610	2611	12.1	77.8	<	<	<	<	<	<	<	
	19:30	71°12.007	10°26.748	2602	2607	12.2	73.0	<	<	<	<	<	<	<	
19:45	71°14.969	10°28.309	2577	2582	12	72.8	<	<	<	<	<	<	<		
20:00	71°17.795	10°30.436	2581												
20:15	71°21.073	10°32.913	2562	2567	11.9	73.8	<	<	<	<	<	<	<		
20:30	71°23.892	10°35.053	2528	2535	11.8	71.3	<	<	<	<	<	<	<		
20:45	71°26.570	10°37.005	2530	2533	11.5	71.9	<	<	<	<	<	<	<		
21:00	71°29.347	10°38.793	2508	2515	11.5	71.9	<	<	<	<	<	<	<		
21:15	71°32.100	10°40.872	2476	2481	11.4	74.6	<	<	<	<	<	<	<		
21:30	71°34.728	10°43.105	2419	2423	11.4	75.1	<	<	<	<	<	<	<		
21:45	71°37.542	10°44.816	2377	2383	11.5	75	<	<	<	<	<	<	<		
22:00	71°40.328	10°47.101	2365	2373	11.8	73.2	<	<	<	<	<	<	<		
22:15	71°43.372	10°49.400	2342	2349	11.8	72.2	<	<	<	<	<	<	<		
22:30	71°46.443	10°51.704	2325	2331	12.1	71.3	<	<	<	<	<	<	<		
22:45	71°49.079	10°53.661	2312	2318	12.2	74.6	<	<	<	<	<	<	<		
23:00	71°52.076	10°55.911	2268	2271	12.4	72.7	<	<	<	<	<	<	<		
23:15	71°55.072	10°58.176	2244	2249	12.5	75.6	<	<	<	<	<	<	<		
23:30	71°58.074	11°00.467	2227	2232	12.7	73.0	<	<	<	<	<	<	<		
23:45	72°01.094	11°02.761	2203	2207	12.4	73.4	<	<	<	<	<	<	<		
24:00	72°04.483	11°05.344	2187	2184	12.9	73.1	<	<	<	<	<	<	<		
5.7.00	00:15	72°07.985	11°07.360	2162	2125	12.7	74.9	<	<	<	<	<	<		
	00:30	72°10.026	11°09.622	2186	2139	12.1	72.9	<	<	<	<	<	<		
	00:45	72°12.92	11°11.876	2111	2116	12.5	73.6	<	<	<	<	<	<		
6.7.00	10:00	72°15.99	11°14.267	2086	2082	12.6	74.5	<	<	<	<	<	<		

Datum ist durchgehend einen Tag falsch im Bezug auf die Fieler, Albrecht files!

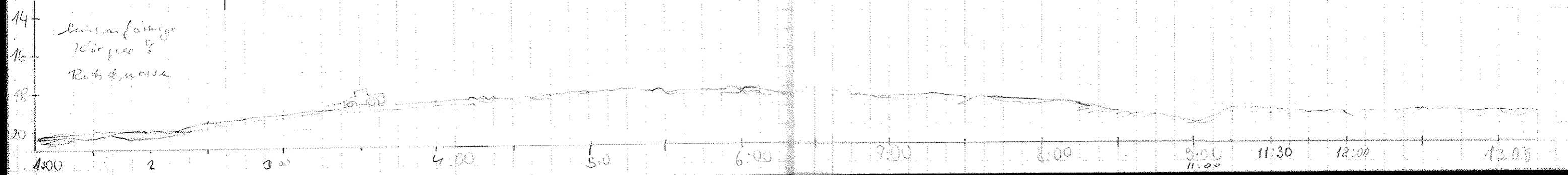
Bandwechsel 1 → 2 20:00

mit aber Zös Genossen





2 Date	Time (UTC)	Latitude	Longitude	Tiefe (PS)	Tiefe (HS)	Speed (Kts)	Course	Trey	Pulse	Rec. Length							
5.7.2000	01:15	72°19.074	11°16.534	2061	2062	12.2	13.8	40	4	266	—	2000	1	2	Jana	sehr schöne Rotschwärze	
6.7.2000	01:30	72°21.082	11°18.868	2037	2034	12.1	12.8	—	—	—	—	—	—	—	Jana	mehrere Gansetischen	
	01:45	72°24.948	11°21.155	20105	2013	12.3	11.6	—	—	—	—	—	—	—			
	02:00	72°28.881	11°23.452	0	1989	11.9	11.7	—	—	—	—	1900	—	—			
	02:15	72°30.88	11°25.721	1439	1923	12.1	12.4	—	—	—	—	—	—	—			
	02:30	72°33.85	11°28.082	1439	1959	12.2	12.0	—	—	—	—	1900	—	3		2 → 3	
	02:45	72°36.56	11°30.241	1439	1933	11.9	13.8	—	—	—	—	—	—	—			
	03:00	72°39.47	11°32.502	1439	1915	12.3	13.2	—	—	—	—	—	—	—			
	03:15	72°42.98	11°35.10	1439	1902	12.4	12.9	—	—	—	—	—	—	—			
	03:30																
	03:45																
	04:00	72°51.62	11°41.11	1439	1860	11.9	13.2	—	—	—	—	—	—	4		ERRR DDU REBRUCH 09:00 KEU START	
	04:15	72°54.48	11°44.46E	0	1849	11.9	13.8	—	—	—	0	—	1	—	Jutta	PS-Depth stimmt nicht, System ist wahrscheinlich unklar. ☺	
	4:30	72°57.12	11°46.6	0	1850	11.9	14.5	—	—	—	—	—	—	—			
	4:45	72°59.57	11°48.83	1438	1832	11.9	14.6	—	—	—	—	—	—	—			
	5:00	73°02.85	11°51.17	0	1819	11.5	11.9	—	—	—	—	—	—	—			
	5:15	73°05.71	11°53.52	1438	1806	11.8	12.9	—	—	—	—	—	—	—			
	5:30	73°08.54	11°55.82	1438	1811	12.2	11.8	—	—	—	—	—	—	—			
	5:45	73°11.5	11°58.15	0	1820	12.0	11.3	—	—	—	—	—	—	—			
	6:00	73°14.41	12°00.50	0	1819	11.8	12.1	—	—	—	—	—	—	—			
	6:15	73°17.18	12°02.80	0	1831	12.0	12.1	—	—	—	—	—	—	—			
	6:30	73°20.12	12°05.18	1438	1831	11.5	14.3	—	—	—	—	—	—	—			
	6:45	73°22.91	12°07.45	1831	1835	11.8	12.0	—	—	—	—	—	—	—			
	7:00	73°25.85	12°09.94	1854	1854	12.0	12.3	—	—	—	—	1800	—	—			
	7:15	73°28.79	12°12.35	1589	1841	12.2	11.2	—	—	—	—	—	—	—			
	7:30	73°31.50	12°14.59	1586	1856	12.2	12.6	—	—	—	—	—	—	—			
	7:45	73°34.64	12°17.18	1587	1871	11.9	13.2	—	—	—	—	—	—	—			
	8:00	73°37.57	12°19.55	1582.5	1882	12.1	13.7	—	—	—	—	—	—	5	Natalja	Tapewechsel 4 → 5	
	8:15	73°40.49	12°22.03	1589.5	1917	12.3	13.8	—	—	—	—	1800	—	—			
	8:30	73°43.38	12°24.42	1587	1924	12.4	13.6	—	—	—	—	—	—	—			
	8:45	73°46.43	12°27.03	1589	1927	12.6	13.7	—	—	—	—	—	—	—			
	9:00	73°48.80	12°29.04	1587	1969	10.2	17.3	—	—	—	—	—	—	—			
	10:30	73°50.53	12°28.6	1980	1984	6.3	13.8	—	—	—	—	1900	—	—	Jana	Paper Speed 1:100 000 9:06 Station Wait 60 11:30 Station beendet	
	10:45	73°51.64	12°21.951	1978	1979	11.0	52.2	—	—	—	—	—	—	—			
	11:00	73°52.87	12°40.51	1965	1968	11.4	60.2	—	—	—	—	—	—	—			
	11:15	73°54.75	12°48.27	1937	1940	11.8	46.2	—	—	—	—	—	—	—			
	11:30	73°56.74	12°55.81	1936	1940	11.5	47.7	—	—	—	—	—	—	—			
	11:45	73°58.71	13°03.29	1934	1938	12.0	44.9	—	—	—	—	—	—	—			
	12:00	74°00.711	13°11.026	1939	1941	11.7	44.4	—	—	—	—	1880	—	—			
	12:15	74°02.712	13°18.720	1934	1937	11.8	47.1	—	—	—	—	—	—	—			
	12:30	74°04.727	13°26.455	1945	1947	12	47	—	—	—	—	—	—	—			
	12:45	74°06.739	13°34.518	1947	1951	12	46.8	—	—	—	—	—	—	—			
	13:00	74°08.897	13°42.637	1947	1950	12	48.1	—	—	—	—	—	—	—			
	13:15	74°10.827	13°50.421	1948	1951	9.8	45.5	—	—	—	—	—	—	—			

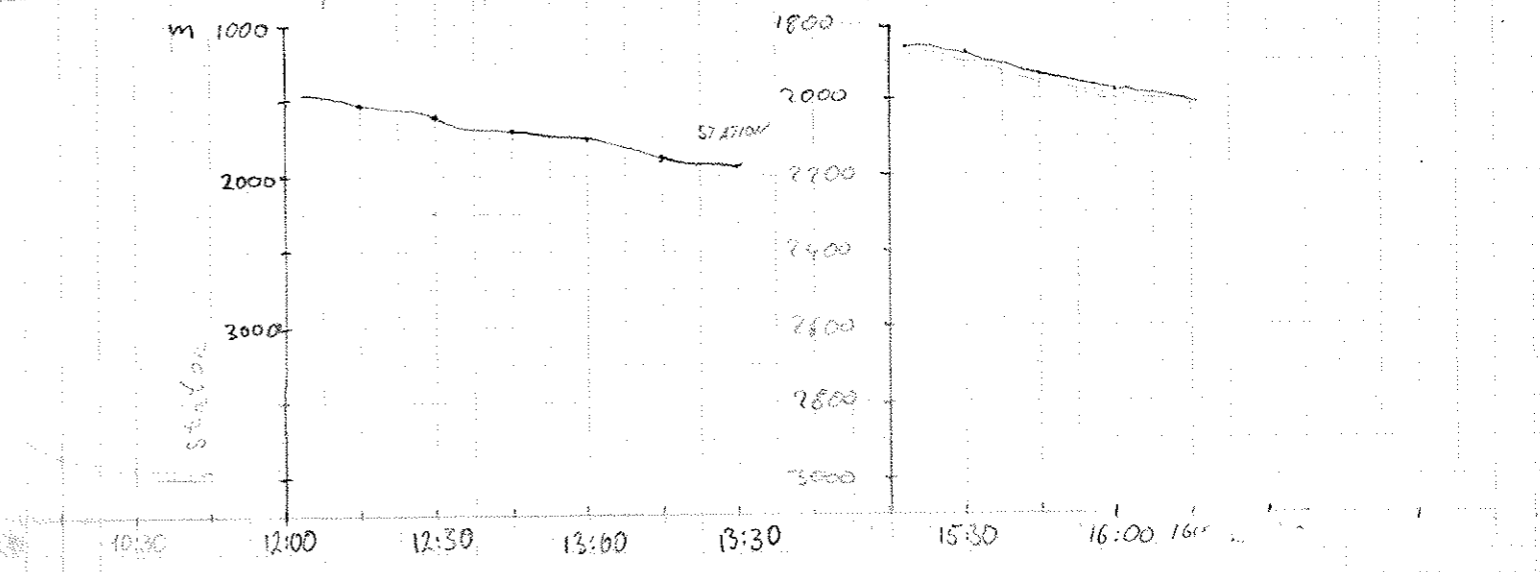
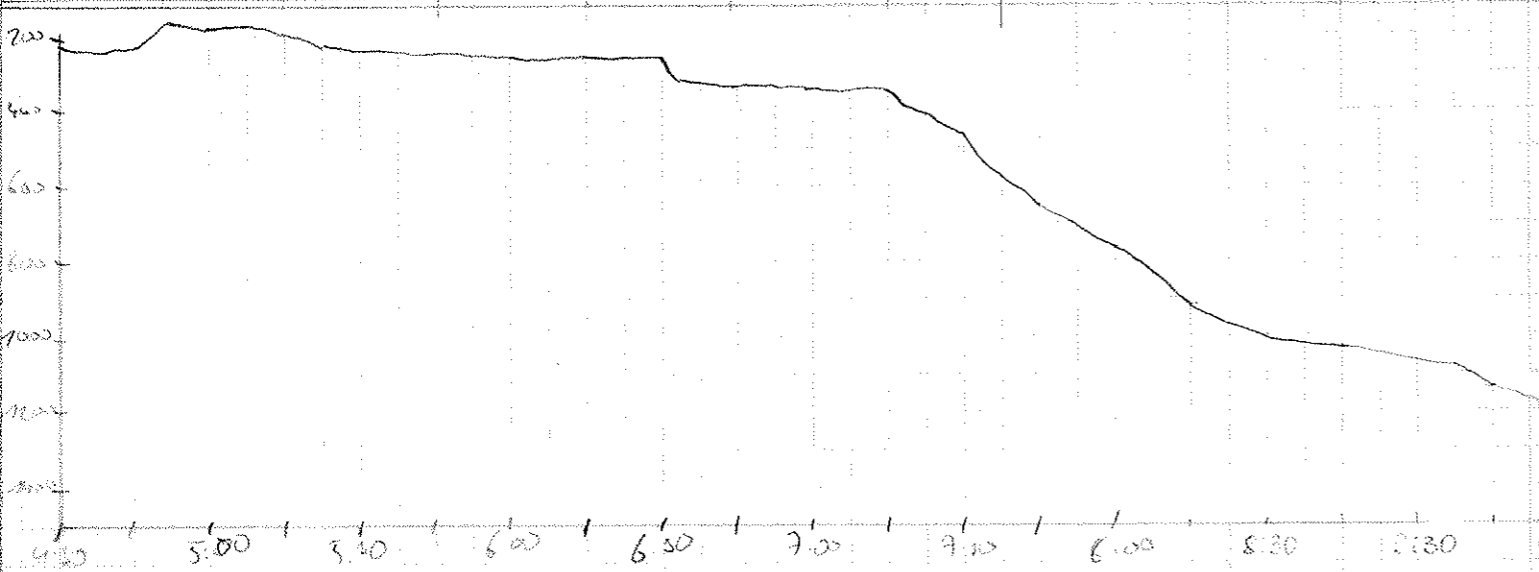






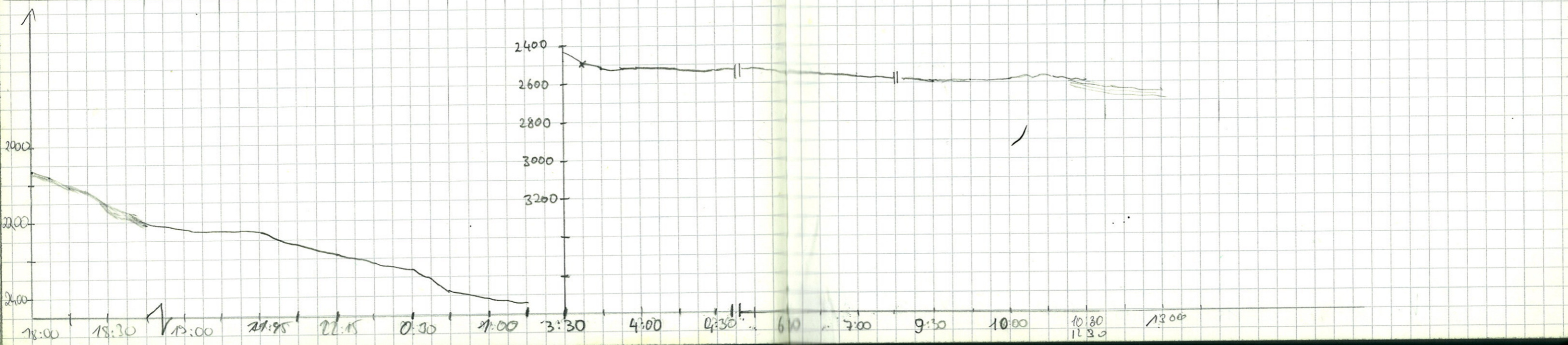


2 Date	Time (UTC)	Latitude	Longitude	Tiefe (PS)	Tiefe (HS)	Speed (kts)	Course	Treag	Pulse	Rec. Length							
6.2.00	4:45	74°58.00	16°58.06	207	211	9.0	270	40	2	266	0	100	1	9	Deut		
7.1.00	5:00	74°57.99	16°59.33	192	194	8.9	272	"	"	"	"	"	"	"	Deut	5:07 Station Lat Time 60.0	
	5:15	S	T	A	T	7	0	"	"	"	60	"	"	"	Deut	Tape 1: 100 000	
	5:30	74°58.29	16°59.78	212	217	8.1	264	"	"	"	0	100	"	"	Deut	Lat: 0.00; Tape 1: 20.000	
	5:45	74°58.00	16°59.62	215	214	9.0	267	"	"	"	"	"	"	10	Deut	Tape 9 → Tape 10	
	6:00	74°57.99	16°59.92	232	234	9.2	270	"	"	"	"	"	"	10	Deut		
	6:15	74°58.00	16°59.10	237	238	9.4	271	"	"	"	"	"	"	"	Deut		
	6:30	74°57.99	16°59.69	258	257	9.1	271	"	"	"	"	"	"	"	Deut	6:34 Station, Tape 1: 100 000, LT 60	
	6:45	74°57.77	16°59.29	330	331	0	274	"	"	"	60	200	"	"	Deut		
	7:00	S	T	A	T	7	0	"	"	"	60	200	"	"	Deut	7:23 Wir. Sample Lat LT 0, 1: 20.000	
	7:30	74°57.88	15°46.74	432	431	8.7	279	"	"	"	0	300	"	10	Deut		
	7:45	74°58.00	15°37.93	626	626	9.3	270	"	"	"	0	500	"	"	Deut		
	8:00	74°57.99	15°28.25	784	785	9.1	270	"	"	"	"	700	"	"	Natalia		
	8:15	74°58.01	15°19.48	916	915	9.0	270	"	"	"	"	800	"	"	"		
	8:30	74°58.02	15°11.72	1028	1032	5.5	268	"	"	"	"	900	"	"	"	8:37 → Wait 60.0 (1: 100.000)	
	8:45	74°58.19	15°11.00	1039	1043	0.3	9.9	"	"	"	"	"	"	"	"	Tape 10 → 11 (8:38)	
	9:15	74°58.25	15°04.47	-	1121	9.2	266	"	"	"	"	1000	"	11	"	Station	
	10:00	74°58.12	14°50.10	-	1210	9.2	270	"	"	"	"	1220	"	"	"	9:40 Start	
	10:15	74°58.10	14°46.68	1050	1332	9.5	271	"	"	"	"	"	"	"	"		
	10:30	74°58.15	14°37.65	1285	1428	9.4	265	"	"	"	"	1300	"	"	"		
	10:45	74°58.02	14°31.22	1364	1507	2.6	270	"	"	"	"	1400	"	"	"	10:50 → Wait 60 (1: 100.000) Station	
	11:30	74°58.44	14°29.68	1364	1509	0.7	317	"	"	"	"	"	"	"	"		
	11:45																
	12:00	STATION									60	1400			Uwe	Ende Station 12:30 Wait 0 / 1: 20.000	
	12:32	74°58'700	14°25.066	1438	1615	9.1	261	"	"	"	0	1550	"	"	"	neue Profilstadia ab 12:00	
	12:45	74°58'433	14°17'836	1438	1674	9.4	260	"	"	"	0	"	"	"	"		
	13:00	74°58'147	14°08'879	1514	1748	9.5	263	"	"	"	0	1650	"	"	"		
	13:15	74°58'014	13°59'851	1514	1823	9.3	268	"	"	"	0	1750	"	"	"		
	13:30	74°57'000	13°52'660	1509	1866	2.8	270	"	"	"	0/60	1750	"	"	"	Begin Station um 13:35 Wait 60 / 1: 100.000	
	13:45	STATION									60	1750		"	"		
	15:30	74°58'762	13°45'346	1510	1871	9.4	263	"	"	"	0	1750	"	"	Christoph	ENDE STATION 15:20 WAIT 0 / 1: 20.000	
	15:45	74°58'482	13°36'270	1514	1934	9.4	262	"	"	"	"	1850	"	"	Christoph		
	16:00	74°58'129	13°27'564	1501	1984	9.3	253	"	"	"	"	1850	"	"	Christoph		
	16:15	74°58'006	13°16'85	0	2036	9.2	259.8	"	"	"	0	1950	"	"	Jens	Depth Range 5000	
	16:30										60					STATION WAIT 60 / 1: 100.000	



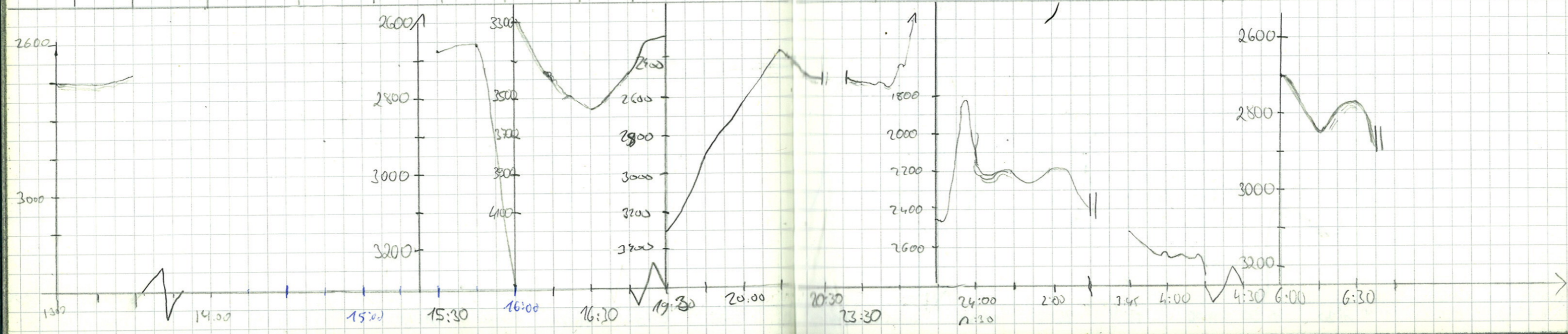


2 Date	Time (UTC)	Latitude	Longitude	Tiefe (PS)	Tiefe (HS)	Speed (kts)	Course	Treq	Pulse	Rec. Length	Wind	Wind	Wind	Wind	Wind	Wind	
6.7.00	18:00	74°58'16	13°05'62	0	2069	8.9	264.3	40	2	266	0	1950	1	11	Jutta		
7.7.00	18:15	74°58'00	13°00'59	2106	2114	9.0	265.3	"	"	"	"	2100	"	"			
	18:30	74°57'55	12°52'25	2149	2158	9.1	270.5	"	"	"	"	"	"	12		Tapewechsel 11 → 12	
	18:45	74°57'55	12°43'46	2176	2177	9.0	271.0	"	"	"	"	"	"	"		Station → 19:01	
	19:00	74°57'55	12°35'47	2214	2215	3.1	248.	"	"	"	"	"	"	"		Wait 60.0 / 1:100.000	
	21:45	74°57'93	12°30'01	2228	2237	8.9	270.4	"	"	"	"	"	"	12	Uli	21:38 weiter geht's	
	22:00	74°57'93	12°21'94	2262	2267	9.2	269	"	"	"	"	2100	"	"	Deucl	Change Tape 11 → 12	
	22:15	74°57'91	12°11'76	2289	2294	9.1	269	"	"	"	"	2200	"	"	Deucl		
	22:30	74°57'90	12°04'50	2314	2317	9.0	270	"	"	"	"	"	"	"	Deucl		
	22:45	74°57'90	11°57'88	2332	2337	1.6	271	4	4	4	"	"	"	"	Deucl	Station → 22:46; Wait 60.0 / 1:100.000	
7.7.00	S	T	A	T	I	0	N										0:17 → Lis Sample work!
8.7.00	0:30	74°57'99	11°53'05	2350	2353	8.8	269	"	"	"	0	2200	2	12	Deucl	Das Rolle 1 → 2	
	0:45	74°58'00	11°44'61	2387	2390	8.9	268	"	"	"	"	2300	2	12	Deucl	Wait Time: 0, 1: 20.000!	
	1:00	74°57'99	11°36'21	2411	2415	8.6	270	"	"	"	"	"	"	"	Deucl		
	1:15	74°57'91	11°27'94	2447	2451	8.8	269	"	"	"	"	"	"	"	Deucl		
	1:30	74°57'99	11°19'20	2472	2479	8.8	269	"	"	"	"	2400	"	"	Deucl		
	1:45	STATION									60	"	"	"	Uwe	Wait auf 60.00, 1:100.000	
	3:30	74°58'007	11°12'684	2484	2487	8.6	270	"	"	"	0	"	"	"	"	Station beendet Wait auf 0 / 1:20000	
	3:45	74°57'998	11°04'312	2499	2505	9.0	271	"	"	"	"	"	"	"	"		
	4:00	74°57'999	10°55'696	2515	2517	9.2	270	"	"	"	0	2400	"	"	"	Ende Wache	
	4:15	74°58'004	10°46'801	2526	2531	9.2	270	"	"	"	"	"	"	"	Christoph		
	6:15	STATION									0	"	"	"	Christoph	Station 04:28 → Wait 60 / 1:100.000	
	6:30	74°57'916	10°30'129	2549	2553	8.9	282	"	"	"	"	"	"	"	Christoph	und Tschis 06:10	
	6:45	74°57'938	10°21'382	2556	2562	8.9	269	"	"	"	"	2500	"	"	Christoph	→ Wait 0 / 1:20.000	
	7:00	74°58'000	10°12'721	2561	2566	9.0	269	"	"	"	"	"	"	"	Christoph		
	7:15	74°57'999	10°03'884	2569	2572	9.0	269	"	"	"	"	"	"	"	Christoph		
	9:30	74°57'71	10°00'00	2574	2580	6.8	269	"	"	"	0	2500	"	12	Natalia	Station 07:25 → Wait 60 / 1:100.000	
	9:45	74°57'77	9°52'00	2573	2578	8.9	273	"	"	"	"	"	"	"	"	Wait: 0; (1:20000)	
	10:00	74°57'86	9°43'08	2577	2584	9.1	270	"	"	"	"	"	"	"	"		
	10:15	74°57'88	9°34'51	2567	2572	8.9	271	"	"	"	"	"	"	"	"	10:28 Tape 12 → 13	
	10:30	74°57'91	9°25'80	2590	2597	6.9	267	"	"	"	"	"	"	"	"		
	12:30	74°58'	9°14'23	2649	2653	8.9	270	"	"	"	60	2500	"	"	Jens	Station 10:35 Wait 60 / 1:100.000	
	12:45	74°58'0	9°05'46	2689	2694	8.8	270	"	"	"	"	2600	"	"	"	Ende 12:20 Wait 0 / 1:20000	



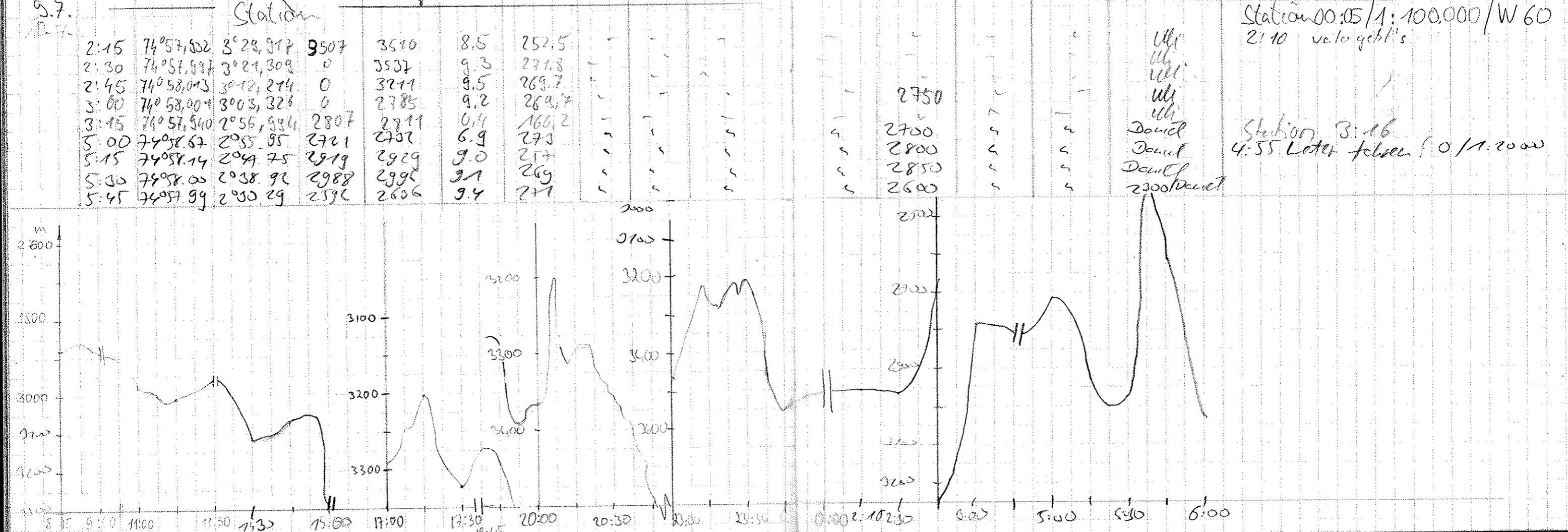


2	Date	Time (UTC)	Latitude	Longitude	Tepe (PS)	Tepe (HS)	Speed (kts)	Course	Freq	Pulse	Rec. Length	Wind	Temp	Hum	Vis	Wave	Cloud	Notes
2.7	13:00	74°57'29	8°05'03	2694	2695	8.4	269.8	40	2	266	0	2600	2	13	Jen			
2.7	13:15	74°57'29	8°05'06	2706	2707	8.3	269.8	40	2									
2.7	13:30	74°57'29	8°04'06	2678	2681	5.4	265.2	40	2									Beginn 13:30 STATION Wait 60.0
	15:30	74°57'28	8°04'54	2669	2674	8.7	288.8	"	"			2600	"	"	Uli			15:22 watergate: 20000 / Wait 0
	15:45	74°57'28	8°05'07	2652	2657	8.7	274.2	"	"						Uli			
	16:00	74°58'00	8°07'21	3279	3287	8.4	271.	40	2	266	0	3350	2	13	Jutta			Deso ausgefallen 15:55-16:30
	16:15	74°58'00	8°10'04	0	3456	8.5	269.4	40	2	266	0	"	"	"	"			
	16:30	74°57'29	8°10'09	0	3537	8.6	271.	"	"	"		"	"	"	"			
	16:45	74°57'28	8°05'14	3431	3441	1.6	265.6	"	"	"		3400	"	"	"			
	19:00	74°56'22	8°05'23	0	3327	8.0	280	"	"	"	0	3300	"	"	Deut			Station beginn 16:49 Wait 60 / 1: 100.000
	19:45	74°57'46	7°57'38	2973	2990	8.5	288	"	"	"	"	2900	"	"	Deut			Stationende 19:21 Lat: 0 / 1: 20.000
	20:00	74°57'27	7°59'39	2639	2641	8.4	268	"	"	"	"	2600	"	"	Deut			
	20:15	74°57'29	7°41'04	2331	2335	8.5	271	"	"	"	0	2200	"	"	Uwe			Steil bergauf ?
	20:38	74°57'29	7°29'45	2470	2480	8.5	271	"	"	"	0	2400	"	"	"			Steil bergab ?
	20:45	ST A T			10 V						60	2400	"	"	"			Wait 60 / 1: 100.000, Station beginn
	23:30	74°57'64	7°26'12	2517	2524	7.8	277	"	"	"	0	"	"	"	Christoph			Station-Ende 23:25
	23:45	74°57'68	7°18'29	2444	2458	8.4	279	"	"	"	"	"	"	"	Christoph			Wait 0 / 1: 20.000
8.7	24:00	74°58'12	7°10'34	2108	2106	7.7	276	"	"	"	"	"	"	"	Christoph			Ein Hügelchen
9.7.	STATION										60	"	"	"	"			Wait 60 / 1: 100.000 24:00 Station 24:00 Tepe 13-14
	1:30	74°57'25	7°09'48	2140	2151	4.6	276	"	"	"	0	2000	"	"	Jen			Station beendet 01:30
	1:45	74°57'00	7°02'34	2252	2255	8.3	270	"	"	"	0	2200	"	"	Jen			
	2:00	74°58'00	6°52'04	2394	2300	8.3	270	"	"	"	0	2300	"	"	Jen			
	2:15	74°58'00	6°47'21	2399	2405	1.8	232	"	"	"	0	"	"	"	Jen			Station 2:15 Wait Time 60 beendet 3:40 / 1: 20.000
	STATION										0	"	"	"	"			
	3:45	74°58'00	6°46'15	2466	2468	7.8	266	"	"	"	0	"	"	"	Jutta			
	4:00	74°57'29	6°38'10	2653	2668	8.2	266	"	"	"	0	"	2	14	Jutta			Station 4:22 W60 / 1: 100.000
	4:15	74°57'28	6°30'11	2697	2706	8.5	267	"	"	"	0	2550	"	"	"			beendet 6:01 W0 / 1: 20.000
	Station										"	2600	2	"	Jutta			
	6:01	74°58'26	6°29'43	2697	2704	1.2	37.3	"	"	"	"	2700	"	"	"			
	6:15	74°58'18	6°24'7	2847	2853	8.2	253.6	"	"	"	"	2700	"	"	"			
	6:30	74°58'00	6°16'57	2767	2774	8.4	267.0	"	"	"	"	2800	"	"	"			Station 6:46 W60 / 1: 100.000
	6:45	74°57'24	6°09'35	2897	2897	2.1	212.7	"	"	"	"	"	"	"	"			beendet
	Station										0	"	"	"	Natalva			Start Wait-0 (1: 20.000)
	8:30	74°57'27	6°09'21	2889	2890	5.7	227	"	"	"	0	"	"	"	"			



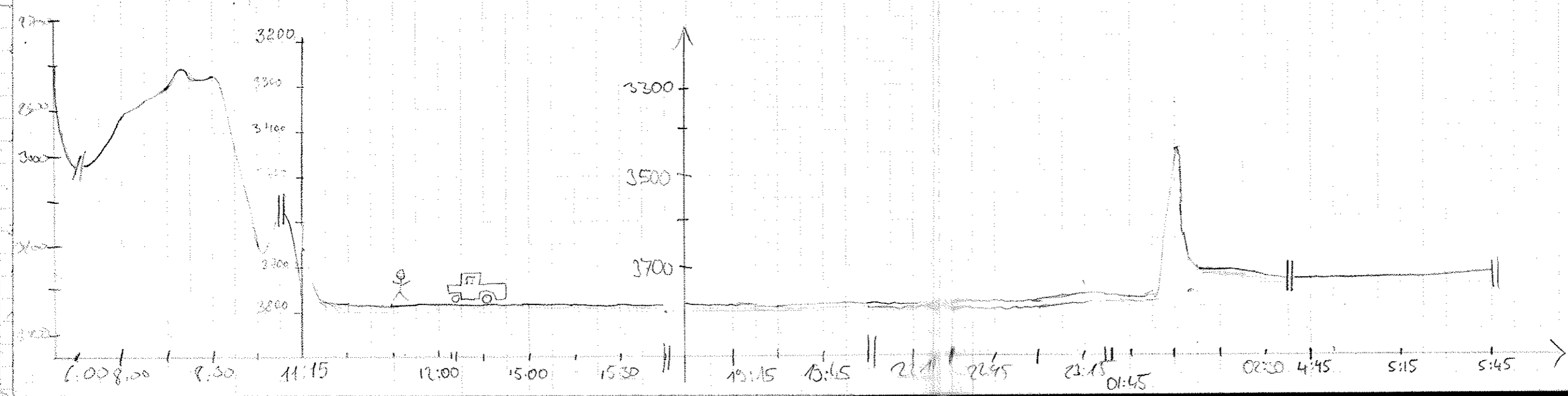


2 Date	Time (UTC)	Latitude	Longitude	Tiefe (PS)	Tiefe (HS)	Speed (Kts)	Course	Trey	Pulse	Rec. Length							
8.07.	8:45	74°57.04	6°03.41	2891	2897	8.3	273	40	2	266	0	2800	2	14	Natalia		
8.07.	9:00	74°58.13	5°55.39	2746	2793	8.4	275	"	"	"	"	2700	"	"	"	8:12 St. W → 60 (1:10000) 10:50 Start W → 0 (1:20000)	
Station																	
	11:00	74°58.29	5°46.46	2883	2885	8.1	271	"	"	"	0	2800	"	"	"		
	11:15	74°58.25	5°38.56	2989	3004	8.5	267	"	"	"	"	2900	"	"	"		
	11:30	74°58.08	5°31.72	2885	2906	3.0	238	"	"	"	"	2760	"	"	"	Station 0 → 60 (1:10000) 11:31	
Station																	
	14:30	74°57.98	5°27.60	3126	3134	8.6	292	<	<	<	0	3000	<	<	David		
	14:45	74°57.98	5°14.36	3069	3071	9.0	272	<	<	<	<	3000	<	<	David	14:24 Ende 60 → 0 / 1:20.000	
	15:00	74°57.74	5°11.08	3292	3296	2.3	252	<	<	<	<	3200	<	<	David	15:01 Station 0 → 60 (1:100.000) Disso off! Los gehts, Fahrt aufgenommen Deso printer on, Wait 0, 1:20000 Viele Störsignale	
	17:00	74°57.552	5°10'19.4	3288	3292	7.0	289	"	"	"	0	3200	"	"	Uwe		
	17:15	74°57.863	5°03.238	3195	3201	9.0	276	"	"	"	"	3100	"	"	"		
	17:30	74°57.981	5°44'56.4	3314	3323	9.0	270	"	"	"	"	3200	"	"	"		
	17:45	S T A T I O N										3200	"	"	"		
	19:45	74°57.809	4°49.854	3281	3292	8.9	280	"	"	"	0	3300	"	15	Christoph	19:35 Stationsrunde Wait 0	
	20:00	74°57.983	4°40.468	3377	3384	9.2	269	"	"	"	"	3100	"	"	Christoph	TAPE-WECHSEL 14 → 15 19:45	
	20:15	74°57.999	4°31.200	0	3268	9.3	269	"	"	"	1	3350	"	"	Jos		
	20:30	74°57.998	4°22.066	0	3456	9.0	275	"	"	"	"	3500	"	"	"		
	20:45	74°57.993	4°14.211	0	3539	5.9	264	"	"	"	"	3500	"	"	"	20:46 STATION WAIT 60 1:100.000 REC OFF	
	23:00	74°57.97	4°10.62	3247	3254	9.1	270.9	40	2	266	0	3450	2	15	Jutta	End of station	
	23:15	74°57.99	4°01.22	3222	3231	9.1	268.9	"	"	"	"	"	"	"	"	22:50 W 0 / 1:20.000	
	23:30	74°57.99	3°51.59	3221	3222	9.2	270	"	"	"	"	3400	"	"	"		
	23:45	74°57.99	3°43.12	3428	3451	9.3	269.2	"	"	"	"	"	"	"	"		
	0:00	74°57.99	3°34.93	3512	3516	7.3	268.9	"	"	"	"	"	"	"	"		
9.7.	Station																
10.7.	2:15	74°57.992	3°24.917	3507	3510	8.5	252.5	"	"	"	"	"	"	"	Uli	Station 00:05 / 1:100.000 / W 60	
	2:30	74°57.997	3°21.309	0	3537	9.3	271.8	"	"	"	"	"	"	"	Uli	21:10 v. lo geht's	
	2:45	74°58.013	3°12.274	0	3211	9.5	269.7	"	"	"	"	2750	"	"	Uli		
	3:00	74°58.001	3°03.326	0	2785	9.2	269.7	"	"	"	"	"	"	"	Uli		
	3:15	74°57.940	2°55.936	2807	2771	0.4	160.2	"	"	"	"	2700	"	"	David	Station 3:16	
	5:00	74°58.67	2°55.95	2721	2707	6.9	273	"	"	"	"	2800	"	"	David	4:55 Later fahren! 0 / 1:20000	
	5:15	74°58.14	2°49.75	2919	2929	9.0	274	"	"	"	"	2850	"	"	David		
	5:30	74°58.00	2°38.92	2988	2995	9.1	269	"	"	"	"	2600	"	"	David		
	5:45	74°57.99	2°30.29	2592	2606	9.4	271	"	"	"	"	2600	"	"	David		



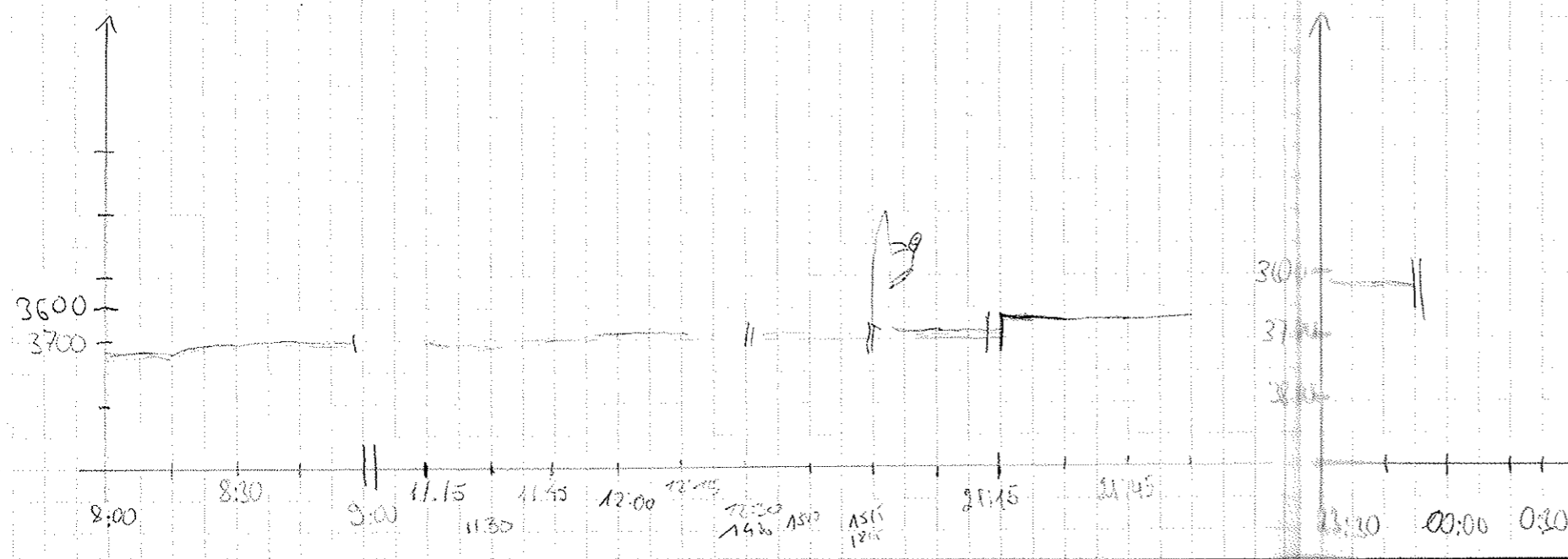


Date	Time (UTC)	Latitude	Longitude	Time (PS)	Time (HS)	Speed (kts)	Course	Treq	Pulse	Rec. Length							
9.7	6:00	74°52.99	2°21.8E	3020	3024	9.4	268	40	2	266	0	2850	2	15	Daniel	6:09 Station Draw Off Lat 60	
	8:00	74°58.40	2°12.53E	2942	2947	9.1	262	"	"	"	0	2900	2	16	Deef	Topc 15 → 16	
	8:15	74°58.02	2°02.94	2850	2855	9.4	266	"	"	"	"	2800	"	"	Natalia	7:57 End of Station Draw Off Lat 0!	
	8:30	74°58.01	1°54.72	2816	2820	9.3	268	"	"	"	"	2700	"	"	"		
	8:45	74°57.99	1°44.09	3199	3209	9.6	269	"	"	"	"	3100	"	"	"		
	Station																
	11:15	74°58.33	1°33.38	3643	3673	9.4	265	"	"	"	"	3500	"	"	"		8:57 W → 60 (1:300000)
	11:30	74°58.08	1°24.58	3774	3782	9.4	263	"	"	"	"	3700	"	"	"		11:10 W-0
	11:45	74°57.99	1°15.22	3775	3779	9.4	270	"	"	"	"	"	"	"	"		
	12:00	74°58.00	1°06.82	3776	3782	9.4	270	"	"	"	"	"	"	"	"		
	12:10	74°57.99	1°00.376	3776	3785	7.0	256	"	"	"	"	"	"	"	Uwe	Kurz vor Station siehe Zeitindex	
	12:15	STATION															
	14:45	74°58'05.7	0°34'13.4	3776	3786	9.2	261	"	"	"	0	3700	"	"	Christoph	Wait auf 60, Printer off	
	15:00	74°58'00.9	0°45'43.0	3776	3786	9.2	267	"	"	"	"	"	"	"	Christoph	Stat. on ende 14:35	
	15:15	74°58'00.9	0°36'53.2	3775	3780	9.1	269	"	"	"	"	"	"	"	Christoph	Wait 0 Modes auf Speed	
	15:30	74°58'01.0	0°28'05.7	3774	3787	8.3	269	"	"	"	"	"	"	"	Christoph		
	15:45	74°57'63.1	0°21'25.9	3772	3779	6.4	311	"	"	"	"	"	"	"	Christoph		
	STATION																
	19:15	74°58.07	0°12.28W	3772	3776	9.4	259	"	"	"	0	3700	2	16	Jutta	Station 15:49 Wait 0 Modes Rec. Off	
	19:30	74°57.99	0°03.57	3771	3780	9.5	270	"	"	"	"	"	"	"	"		Ende 19:12 W 0 / 1:20.000
	19:45	74°58.01	0°05.38	3769	3779	9.4	269	"	"	"	"	"	"	"	"		
	20:00	74°57.99	0°14.48	3766	3770	4.2	267	"	"	"	"	"	"	"	"		
	Station																
	22:15	74°58.08	0°17.83E	3764	3789	4.0	323	"	"	"	0	3700	"	"	Deef	Station 20:02 W 60 / Rec. off	
	22:30	74°57.91	0°28.04E	3761	3768	9.6	286	"	"	"	"	"	"	"	Deef	End of Station	
	22:45	74°57.95	0°34.51E	3756	3760	9.7	269	"	"	"	"	"	"	"	Deef	22:19 Rec geht's LO / Rec OK	
	23:00	74°57.97	0°43.23E	3752	3717	9.8	272	"	"	"	"	"	"	"	Deef	22:21 Topc 16 → 17	
	23:15	74°58.04	0°52.79E	3750	3765	6.6	270	"	"	"	"	"	"	"	Deef	Station 23:20 Lat 60 / Draw off	
	STATION																
10.7	01:45	74°58'35.9	1°05'00.7	3752	3755	9.4	259	"	"	"	0	3700	"	"	Christoph	Abfahrt 01:33 Wait 0 / Int. Speed	
	02:00	74°57'33.4	1°13'6.76	3342	3449	9.4	262	"	"	"	"	3300	"	"	Christoph		
	02:15	74°58'00.3	1°22'9.19	3711	3717	9.5	271	"	"	"	"	3600	"	"	Christoph		
	02:30	74°58'06.6	1°31'35.6	3723	3736	9.4	267	"	"	"	"	"	"	"	Christoph	Station 02:39 Wait 60 / Rec. off	
	STATION																
	4:45	74°58.550	1°36.292	3730	3733	2.5	300.3	"	"	"	"	3600	"	"	Uwe	Fahrtbeginn	



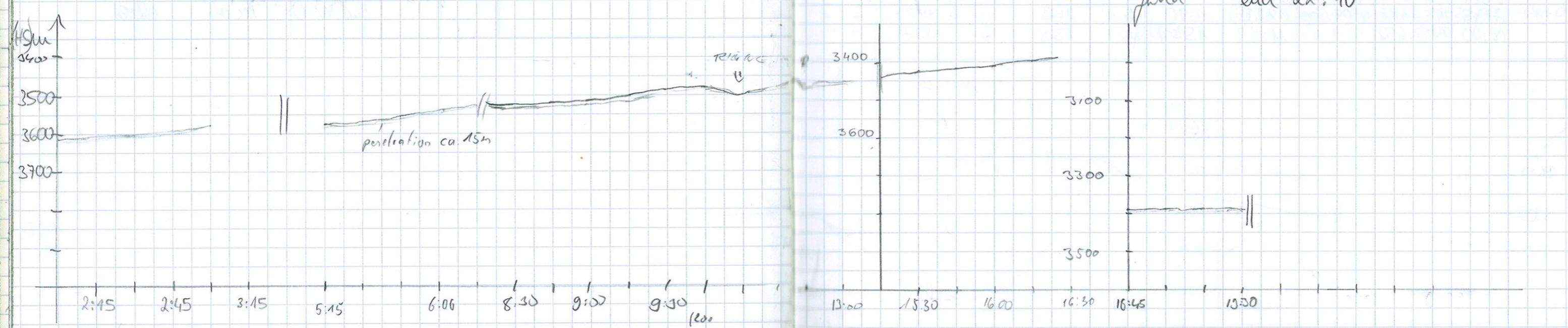


Date	Time (UTC)	Latitude	Longitude	Tide (PS)	Tide (HS)	Speed (Kts)	Course	Treq	Pulse	Rec. Length	Gain	Power	Ant	Wind	Wave	Remarks
10-7-00	05:00	74°58.361	1°42.411	3726	3735	9.3	261	40	2	266	0.0	3600	2	17	Ulan	nothing unusual, Gain out 4.80
	05:15	74°58.012	1°51.118	3722	3730	9.4	270	"	"	"	"	"	"	"	"	"
	05:30	74°58.002	1°59.883	3721	3728	9.3	270	"	"	"	"	"	"	"	"	"
	05:45	74°58.007	2°08.944	3716	3725	9.4	270	"	"	"	"	"	"	"	"	Deso band schief (dramatische Entwicklung)
	06:00	STATION														
	08:00	74°58.25	2°17.69	3712	3719	8.6	262	40	2	266	0	3600	2	17	Jutta	Deso Rec off Station um 5:55, wait 60 End of station 7:57, WO/Rec on
	08:15	74°58.16	2°26.98	3705	3716	9.4	266	"	"	"	"	"	"	"	"	"
	08:30	74°58.145	2°36.26	3698	3703	9.3	268.9	"	"	"	"	"	"	"	"	change tape 8:48
	08:45	74°58.128	2°44.740	3696	3705	9.3	272	"	"	"	"	"	"	"	"	17 → 18
	08:00	Station														
	11:15	74°59.08	2°57.75	3689	3702	5.0	309.8	"	"	"	"	"	3	"	"	Beginning station 8:58 Rec off → W 60
	11:30	74°59.16	3°02.497	3686	3694	6.6	310.6	"	"	"	"	"	"	"	"	end of station 11:07 WO/Rec on
	11:45	75°00.82	3°06.826	3682	3689	6.2	308.3	"	"	"	"	"	"	"	"	"
	12:00	75°01.719	3°11.480	3680	3688	6.1	307	"	"	"	"	"	"	"	"	"
	12:15	75°02.683	3°16.307	3677	3684	7.0	308.4	"	"	"	"	"	"	"	"	"
	12:30	75°03.947	3°23.052	3672	3676	9.2	305.4	"	"	"	"	"	"	"	"	"
	12:40	Station														
	14:25	75°04.14	3°26.63	3665	3675	6.3	187.5	"	"	"	"	3600	3	18	"	station Vankenburg end 14:25
	14:45	75°01.737	3°28.692	3668	3677	10.7	183	"	"	"	"	"	"	"	"	"
	15:00	74°59.055	3°30.30	3668	3673	9.9	186	"	"	"	"	"	"	"	"	"
	15:15	74°58.94	3°33.2	3653	3670	2	190	"	"	"	"	"	"	"	"	"
	18:15	74°57.58	3°35.23	3663	3672	8.7	285	"	"	"	0	3500	4	18	Decap Jan	15:15 Station W 60 / REC OFF 1.100.000 18:03 Station Furl!
	18:30	74°57.778	3°46.76	3652	3668	9.1	272	"	"	"	"	"	"	"	"	"
	18:45	74°58.01	3°55.90	3657	3657	9.4	269	"	"	"	"	"	"	"	"	"
	19:00	74°57.90	4°00.31	3647	3645	2.5	282	"	"	"	"	"	"	"	"	19:13 Station W 60 / REC OFF 1.100.000
	21:15	74°57.95	4°16.94	3634	3640	8.7	237	"	"	"	0	3500	0	"	Natalia	"
	21:30	74°57.68	4°18.62	3633	3637	9.1	237	"	"	"	"	"	"	"	"	"
	21:45	74°56.58	4°25.83	3627	3634	11.9	234	"	"	"	"	"	"	"	"	21:46 Tape 18 → 19.
	22:00	74°55.005	4°35.884	3617	3621	6.8	270	"	"	"	"	"	"	19	Christoph	"
	23:32	STATION														
	23:45	74°56.12	4°41.32	3615	3620	10.5	318	"	"	"	"	"	"	"	"	Wait 60 Rec Off 22:05 W 0 " 23:32
	02:01	74°57.583	4°46.513	3615	3622	6.9	317	"	"	"	"	"	"	"	"	Wait 60 Rec Off 23:50 End W 0 Rec on 02:01



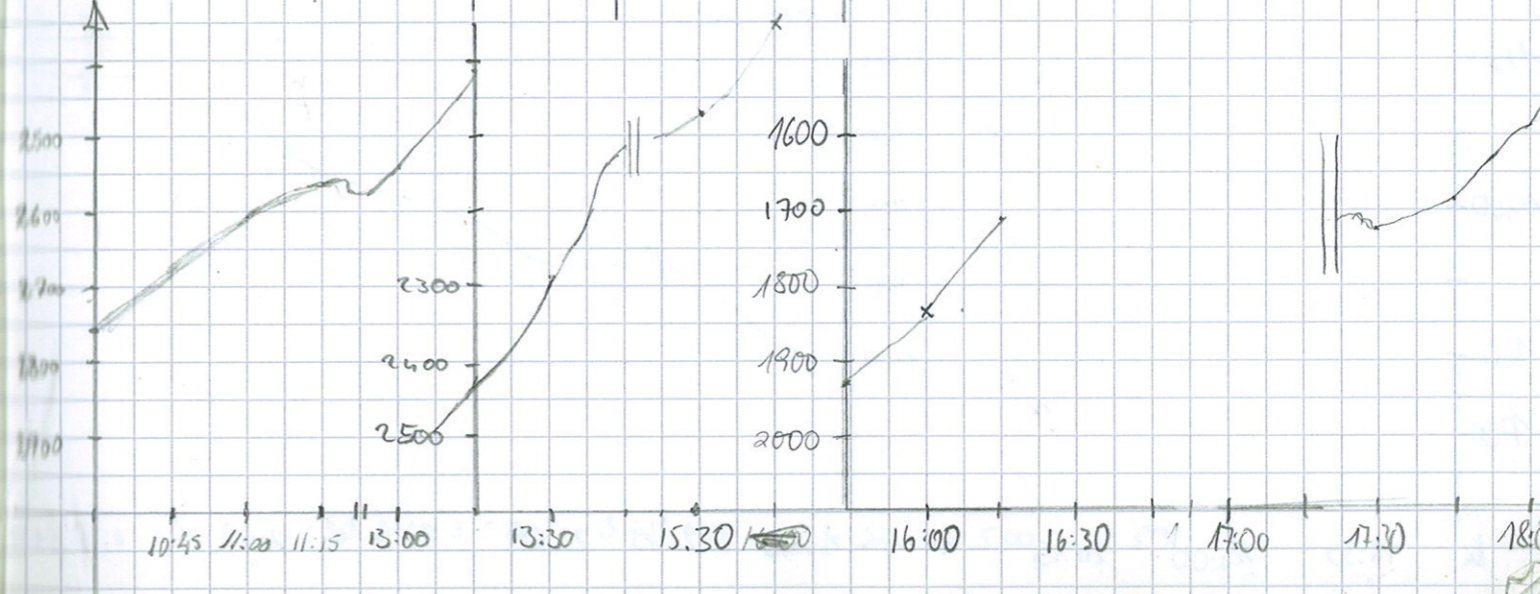
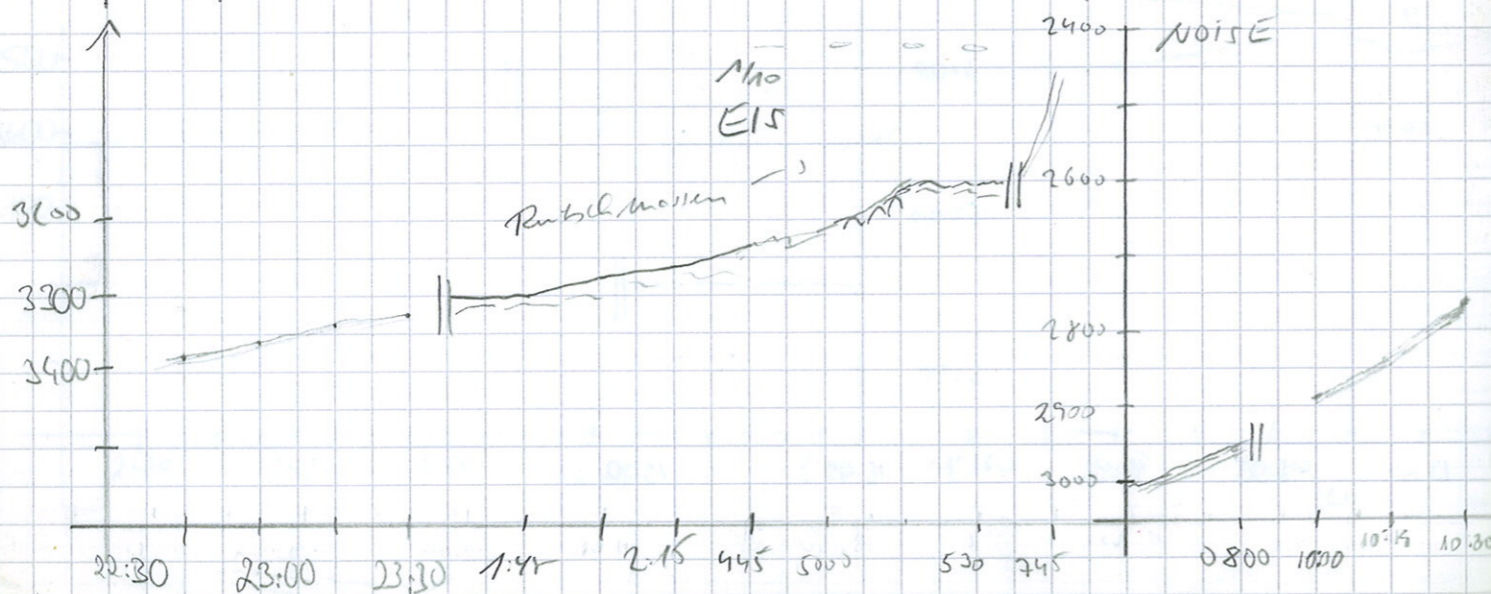


Date	Time (UTC)	Latitude	Longitude	Time (PS)	Time (HS)	Speed (kts)	Course	Freq	Pulse	Rec. Length	Wind	Temp	Depth	Sal	WVch	Other	
11.7.	2:15	74°57.55	4°58.69	3604	3614	9.1	270	40	2	266	0	3500	4	15	Jutta		
12.7.	2:30	74°58.00	5°07.92	3592	3602	9.1	269	"	"	"						Station 3:09 W60 Rec off	
	2:50	74°57.99	5°15.08	3581	3588	8.8	272	"	"	"							
	3:00	74°57.99	5°23.48	3577	3582	8.9	270	"	"	"							
	3:15	Station															
	5:15	74°58.281	5°29.611	3573	3579	8.6	260	"	"	"					Uli	5:05 UTC Station End	
	5:30	74°58.012	5°37.957	3565	3571	8.8	272	"	"	"					Uli		
	5:45	74°58.60	5°46.932	3553	3562	8.7	277	"	"	"					Uli		
	6:00	74°57.918	5°55.252	3542	3544	8.7	273.3	"	"	"					Uli		
	6:15	74°57.999	6°03.074	3532	3540	7.7	271.4	"	"	"					Uli		
	6:28	Station															
	8:30	74°57.92	6°05.012	3529	3532	7.7	251.9	"	"	"	0	3500	"	"	David	8:22 Station End! W0 Rec On	
	8:45	74°57.92	6°13.67	3518	3524	8.1	270	"	"	"	"	"	"	"	David		
	9:00	74°57.92	6°21.47	3509	3516	7.9	270	"	"	"	"	3400	"	"	David		
	9:15	74°57.92	6°29.07	3500	3503	8.0	268	"	"	"	"	"	"	"	David	Top 19 → 20 9:25	
	9:30	74°57.97	6°36.75	3491	3494	8.0	269	"	"	"	"	"	"	20	David		
	9:45	74°57.97	6°44.33	3482	3490	7.9	270	"	"	"	"	"	"	"	David	9:50 Station W60 Rec off! 12:00 Station Rec off 1:20...	
	12:00	74°57.779	6°47.39	3479	3488	7.6	282	"	"	"					Jos		
	12:15	74°57.77	6°59.2	3468	3470	9.0	270	"	"	"					Jos		
	12:30	74°57.80	7°03.84	3462	3464	9.2	271	"	"	"					Jos	bu 7°W Rec off	
	12:45	74°57.99	7°12.54	3460	3469	8.9	272	"	"	"					Jos		
	13:00	74°57.93	7°21.11	3449	3455	9.1	260	"	"	"					Jos	13:05 Station W60: Rec off 15:20 Station 1.100.000	
	15:30	74°58.48	7°29.15	3433	3441	9.5	260	"	"	"	"	"	"	"	Bitgit	W0 1.20.000	
	15:45	74°58.04	7°38.05	3428	3439	9.5	262	"	"	"	"	"	"	"	"		
	16:00	74°58.00	7°47.13	3413	3421	9.5	268	"	"	"	"	3300	"	"	Natalia		
	16:15	74°57.99	7°56.30	3398	3406	9.5	270	"	"	"	"	"	"	"	"		
	16:30	74°57.91	8°01.08	3393	3400	0.4	277	"	"	"	"	"	"	"	"	Station W0, 1.100.000 16:30	
	STATION																
	16:45	74°57.948	8°08.170	3385	3388	9.6	269	"	"	"	"	"	"	"	Christy	Abfahrt 18:35 Wait 0/1.20.000	
	19:00	74°58.012	8°17.254	3379	3387	9.6	270	"	"	"	"	"	"	"	Christy		
	19:15	74°58.004	8°26.557	3378	3385	9.7	268	"	"	"	"	"	"	"	Christy		
	19:30	74°58.003	8°36.364	3379	3387	9.8	269	"	"	"	"	"	"	"	Christy		
	STATION																
	Jutta																
	Beginn 19:32 Wait 60 / Rec. off end 22:40																



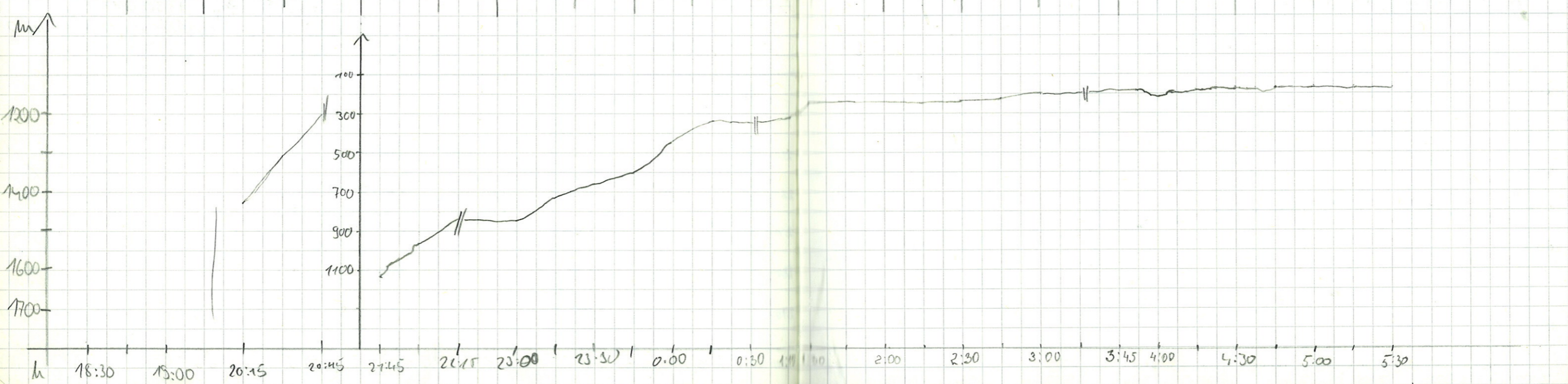


Date	Time (UTC)	Latitude	Longitude	Tiefe (PS)	Tiefe (HS)	Speed (kts)	Course	Treq	Pulse	Rec. Length	Wind	Temp	Depth	Sal	Wdir	Wspd	Wave	Notes	
11.07.00	22:45	74°58.062	8°04'36.66	3374	3386	9.2	249.9	40	Z	266	0	3300	4	20	Uwe			Station verlassen um 22:40	
12.07.00	23:00	74°58.012	8°02'7.18	3352	3360	9.5	268	40	Z	266	0	3300	4	20	"				
	23:15	74°57.999	9°01'8.81	3336	3343	9.6	269	40	Z	"	"	3200	"	"	"				
	23:30	74°58.000	9°11'3.33	3322	3330	10.0	271	40	Z	"	"	3200	"	"	"				
	23:45	ST	AT	10	N														Station um 23:40, 1:100000 Wait 60
12.7.00	1:45	74°58.01	9°23.56	3300	3309	9.2	262	"	"	"	0	3200	4	21	Daniel			1:30 Tape 20 → 21	
13.7.00	2:00	74°57.99	9°36.52	3280	3287	9.7	268	"	"	"	"	3200	"	"	Daniel			1:36 ELG Status ca. 2:00	
	2:15	74°57.99	9°42.02	3259	3262	10.0	269	"	"	"	"	3200	"	"	Daniel			→ Das kleinste Neugebilde	
	2:30	74°58.00	9°51.94	3239	3242	10.0	269	"	"	"	"	"	"	"	Daniel			→ jetzt leicht unter (ca. 4mz. felle)	
	2:41	S	T	A	T	1	0	N										Leit 60 Daso off	
																		Station beendet 04:42	
	4:45	74°57.7	10°06.78	3210	3216	9.6	282	"	"	"	"	3200	"	"					
	5:00	74°57.9	10°12.31	3185	3188	9.8	274	"	"	"	"	3100	"	"					
	5:15	74°57.8	10°21.7	3156	3160	9.7	273	"	"	"	"	3100	"	"					
	5:30	74°57.8	10°30.9	3143	3148	9.7	270.7	"	"	"	"	"	"	"					
	5:40	ST	AT	10	N						60								
	7:45	74°57.8	10°45.5	3034	3037	7.3	279	"	"	"	0							W60 / 1:100.000	
	8:00	74°57.99	10°50.96	2960	2966	7.4	270	"	"	"	"	2850	"	"	Natalia			7:32 END STATION	
		S	T	A	T	0	W				60							ab 7:45 dichtere Eisbedeckung	
																		verstärkter Rauschen	
	10:00	74°57.51	10°56.37	2888	2896	5.5	250	"	"	"	0	2850	"	"	Kate			8:18 W60 / 1:100000	
	10:15	74°57.43	11°00.77	2838	2841	4.9	270	"	"	"	"	2800	"	"	"			9:58 End	
	10:30	74°57.562	11°05.871	2764	2767	3.9	268	"	"	"	"	2700	"	"	"			W60 / 1:20000	
	10:45	74°57.64	11°10.99	2681	2687	6.2	278	"	"	"	"	2600	"	"	"				
	11:00	74°57.77	11°15.99	2608	2612	4.4	267	"	"	"	"	2450	"	"	"				
	11:15	74°58.02	11°18.503	2561	2564	4.1	223	"	"	"	"	2450	"	"	"				
	11:30	Station																	Begin 11:19 / 1:100000 / W60
	13:00	74°57.426	11°22.369	2542	2548	7.0	279	"	"	"	0	2450	"	"	Christoph				
	13:15	74°57.813	11°28.576	2414	2421	8.7	267	"	"	"	"	2300	"	"	Christoph				
	13:30	74°57.771	11°36.344	2287	2290	9.4	271	"	"	"	"	2150	"	"	Christoph				
	13:45	74°57.930	11°45.486	2119	2124	6.2	229	"	"	"	"	2000	"	22	Christoph				
		STATION																	TAPE-WECHSEL 21 → 22 13:32
	15:30	74°57.59	11°50.650	2060	2064	6.0	268	"	"	"	"				Birgit				
	15:45	74°57.580	11°56.710	0	1945	5.5	265	"	"	"	"				Thirg				
	16:00	74°57.593	12°02.151	0	1831	4.9	300	"	"	"	"	1700	"	"	Uwe				
	16:15	74°58.099	12°06.865	0	1712	4.0	300	"	"	"	"	1550	"	"	Uwe				
	16:30	ST	AT	10	N										"				
	17:45	74°57.688	12°09.500	1138?	1690	5.1	263	"	"	"	"	1550	"	22	"				
	18:00	74°57.652	12°14.63	1138?	1587	6.1	258	"	"	"	"	1500	4	22	Jutta				



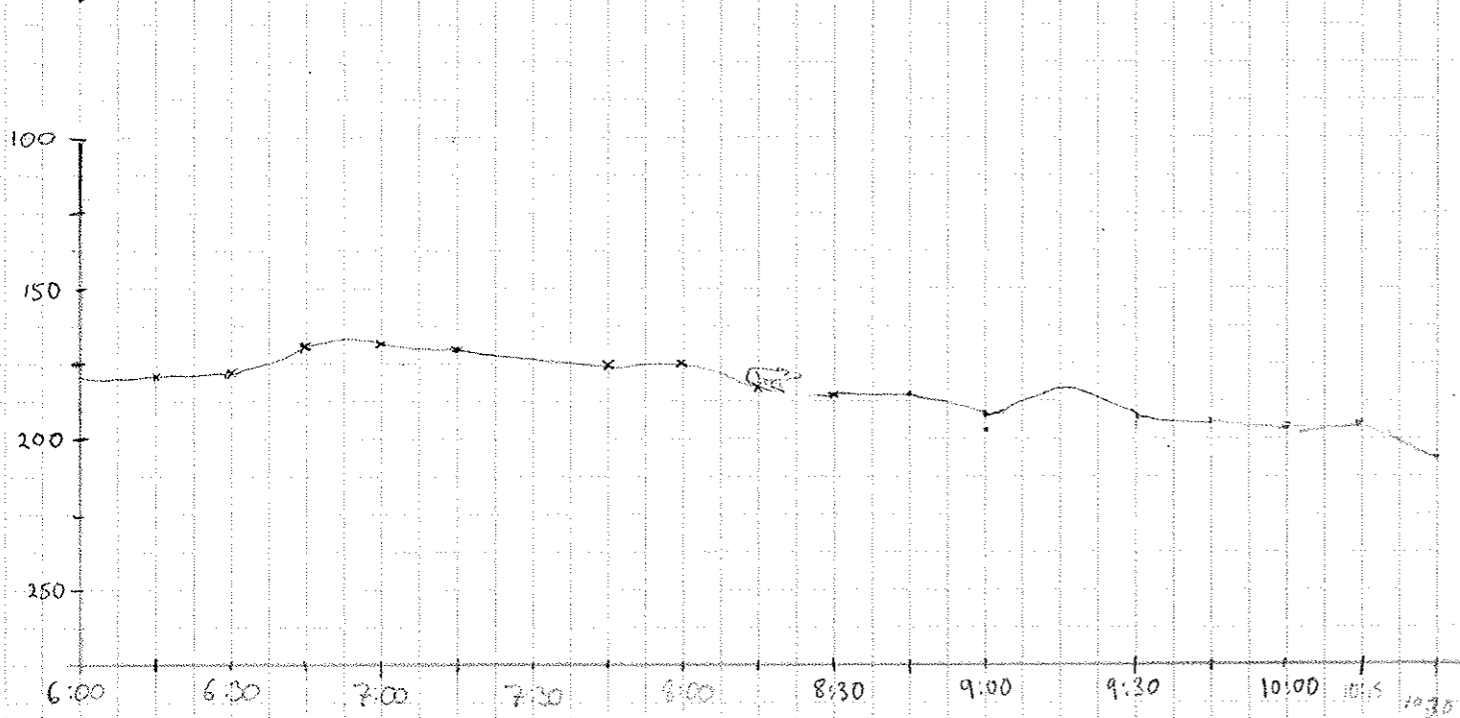


Date	Time (UTC)	Latitude	Longitude	Tide (PS)	Tide (HS)	Speed (kts)	Course	Freq	Pulse	Rec. Length	Wind	Temp	Depth	W. 1/2	W. 2/2	W. 3/2	W. 4/2	W. 5/2	
12.7.	18:15	74°57.98	12°19.99	1285?	1449	0.3	262	40	2	266	0		1500	4	22	0			Station 1816 / 1:50.000 / W:60
13.7.	18:30																		
	20:15	74°57.687	12°21.103	0	1430	4.6	0.2						1150						20:15 Station Ende
	20:30	74°57.974	12°25.397	0	1307	4.8	270.9						1250						
	20:45	74°57.954	12°28.133	0	1200	2.2	261						1100						20:45 Station
	21:45	74°57.757	12°32.180	0	1136	5.5	275						1100						21:40 Station Ende
	22:00	74°57.804	12°37.200	0	981	5.4	274						950						
	22:15	74°57.834	12°41.346	0	855	2.6	264						800						
	23:00	74°57.753	12°41.920	0	849	4.8	264						800						22:20 Station
	23:15	74°57.68	12°46.89	708	719	6.3	275	<	<	<	<	<	600	<	4				22:37 Station Ende
	23:30	74°57.38	12°50.39	611	612	6.0	239	<	<	<	<	<	440	<	<				made at 23:00 -> change DSW
	23:45	74°57.26	12°54.93	501	507	4.4	268	<	<	<	<	<	440	<	<				cut Wash depth separately
13.7	0:00	74°57.48	12°58.94	430	431	5.2	278	<	<	<	<	<	280	<	<				
14.7.	0:15	74°58.68	13°02.97	340	341	7.3	317	"	"	"	"	"	280	"	"				0:19 Tape 22 -> 23
	0:30	74°58.12	13°07.24	315	373	4.6	224	"	"	"	"	"	230	"	23				0:37 Station W-60, (1:50000)
	1:15	74°58.36	13°07.06	313	313	8.1	307	"	"	"	"	"	"	"	"				1:10 Start
	1:30	74°58.79	13°13.14	240	239	7.9	241	"	"	"	"	"	150	"	"				
	1:45	74°58.10	13°18.95	225	225	6.4	205	"	"	"	"	"	150	"	"				
	2:00	74°58.39	13°21.75	222	221	1.9	329	"	"	"	"	"	"	"	"				
	2:15	74°58.81	13°25.49	222	224	5.6	273	"	"	"	"	"	"	"	"				
	2:30	74°59.09	13°28.73	220	220	5.2	309	"	"	"	"	"	"	"	"				
	2:45	74°59.39	13°32.16	213	213	4.8	238	"	"	"	"	"	"	"	"				
	3:00	74°58.87	13°36.38	197	196	3.9	238	"	"	"	"	"	"	"	"				
	3:15	74°58.25	13°39.38	198	197	1.7	234	"	"	"	"	"	"	"	"				Station 3:16 W-60 (1:50000)
	3:45	74°57.88	13°41.42	198	198	4.8	262	"	"	"	"	"	"	"	"				Start 3:44
	4:00	74°57.303	13°46.483	201	204	6.8	227				0		150		24				TAPEWECHSEL 23 -> 24 03:57
	4:45	74°55.184	13°55.253	182	184	13.8	236												
	4:30	74°53.608	14°02.711	185	184	7.7	193						100						
	4:45	74°52.479	14°05.577	375	193	4.8	222												
	5:00	74°51.320	14°09.346	176	175	5.7	222												
	5:15	74°50.479	14°14.518	180	179	6.4	241												
	5:30	74°50.062	14°19.583	179	179	5.7	259												



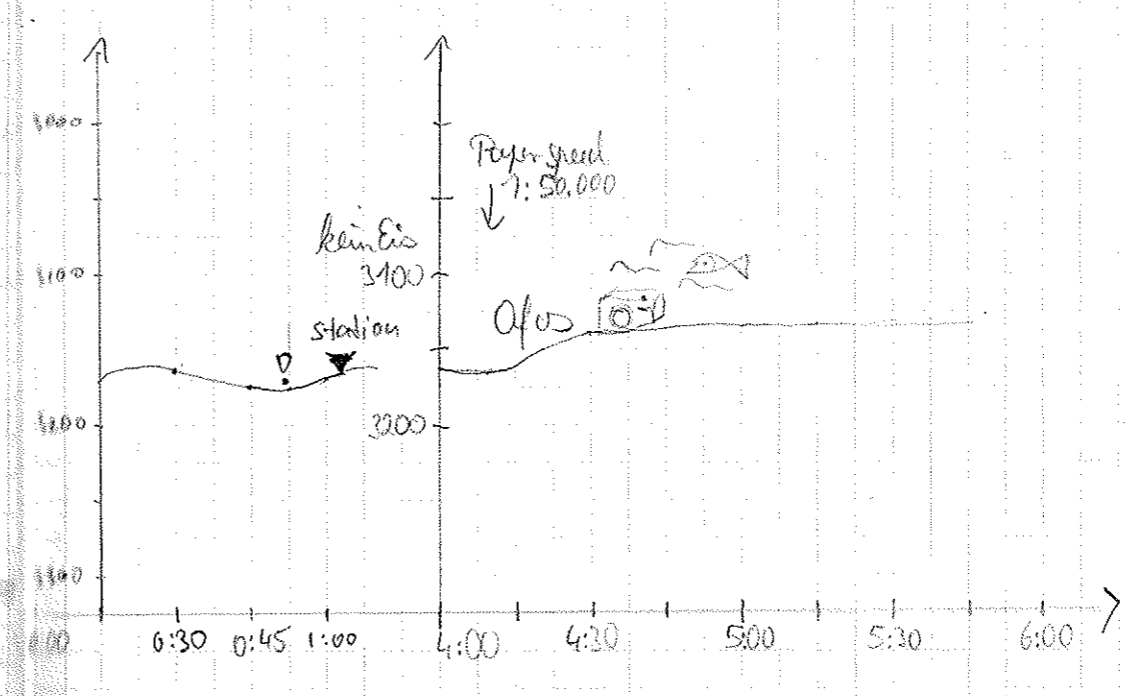
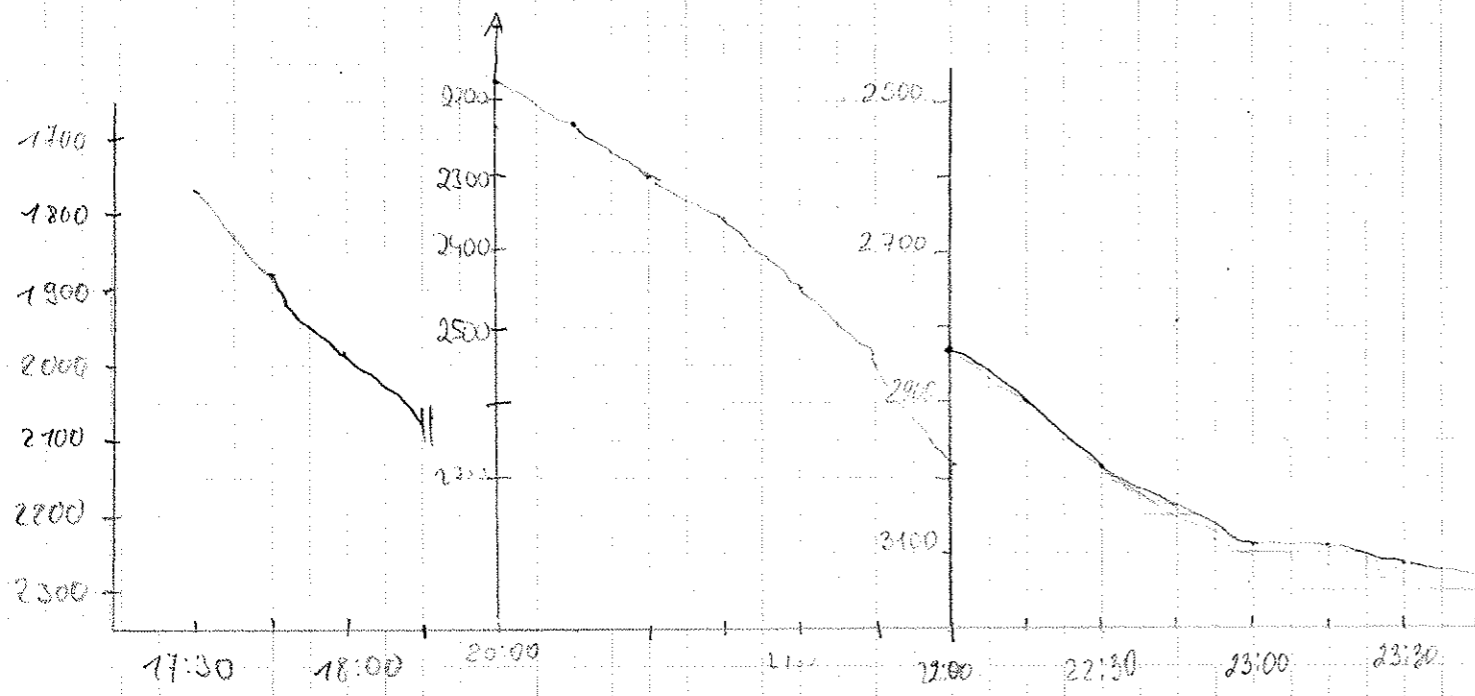


Date	Time (UTC)	Latitude	Longitude	Tiefe (PS)	Tiefe (HS)	Speed (Kts)	Course	Trey	Pulse	Rec. Length							
13.07	6:15	74°50'204	14°25'038	178	178	5.7	314	40	2	266	0	100	4	24	Christoph	06:02 ENDE WO 1:20.000	
14.07	6:30	74°48'558	14°29'643	177	177	1.3	272	"	"	"	"	"	"	"	Christoph		
	6:45	74°48'882	14°33'141	177	170	4.1	276	"	"	"	"	"	"	"	Christoph	TAPE WECHSEL 24 → 25 06:55	
	7:00	74°50'058	14°36'223	173	171	3.6	280	"	"	"	"	"	"	25	Christoph		
	7:15	74°46'365	14°37'300	173	172	2.8	165	"	"	"	"	"	"	"	Christoph		
		STATION															
	7:45	74°50'141	14°36'740	175	175	4.0	24	"	"	"	"	"	"	"	Christoph	START 07:23 W60 1:50.000	
	8:00	74°50'759	14°34'723	175	175	4.2	42	40	2	266	0	100	4	25	Alan	ENDE 07:36 WO 1:20.000	
	8:15	74°51'058	14°31'190	178	178	5.2	93	40	2	"	"	"	"	"	"	langsame Fahrt voraus	
	8:30	74°50'627	14°29'484	181	181	3.5	97	40	2	"	"	50	"	"	"	Eisbar Steuerbord achtern	
	8:45	74°51'200	14°25'003	182	182	9.8	50	"	"	"	"	50	"	"	"		
	9:00	74°52'667	14°17'899	184	187	10.6	85	"	"	"	"	100	"	"	"		
	9:15	74°52'819	14°10'707	177	179	8.1	78	"	"	"	"	100	"	"	"		
	9:30	74°53'552	14°04'660	182	182	8.6	57	"	"	"	"	"	"	"	"		
	9:45	74°53'799	13°58'333	182	183	6.8	98	"	"	"	"	"	5	26	"	Tape neu, Rolle neu Tape 25 → 26	
	10:00	74°53'695	13°52'408	183	190	3.9	133	"	"	"	"	140	"	"	Kate		
	10:15	74°53'893	13°50'360	182	190	3.0	117	"	"	"	"	"	"	"	"		
	10:30	74°53'022	13°46'793	183	215	4.4	128	"	"	"	"	"	"	"	"		
	10:45	74°52'192	13°43'081	182	221	5.4	131	"	"	"	"	200	"	"	"		
	11:00	74°52'804	13°39'384	222	221	4.0	101	"	"	"	"	"	"	"	"		
	11:15	74°52'456	13°36'152	246	247	5.0	116	"	"	"	"	"	"	"	"		
	11:30	74°52'555	13°33'49	280	281	4.5	79	"	"	"	"	"	"	27	"	Tapewechsel 26 → 27 11:28	
	11:45	74°52'657	13°29'421	310	309	3.6	106	"	"	"	"	260	"	"	"		
	12:00	74°52'503	13°25'55	358	358	4.1	81.1	"	"	"	"	300	5	27	Jutta		
	12:15	74°52'56	13°19'39	406	406	6.1	67.0	"	"	"	"	360	"	"	"	Um 12:32 wurden zwei Gummibänder gesichert	
	12:30	74°52'55	13°14'86	451	432	7.8	73.4	"	"	"	"	360	"	"	"		
	12:45	74°52'53	13°08'60	487	487	6.0	77.0	"	"	"	"	440	"	"	"		
	13:00	74°52'53	13°02'51	623	624	6.7	82.5	"	"	"	"	"	"	"	"	Station: 13:03 W60/1:50.000	
		Station 66															End: 13:47 WO/1:20.000
	14:00	74°51'50	12°57'597	881	879	5.9	138	"	"	"	"	700	"	"	"		
	14:15	74°50'61	12°53'67	0	1076	7.2	132	"	"	"	"	850	"	"	"		
		Station															
	15:30	74°48'37	12°48'08	0	1403	5.9	136	"	"	"	"	1310	"	"	"		
	15:45	74°47'65	12°43'79	1289	1539	6.5	138	"	"	"	"	1420	"	"	"		
	17:00	74°46'688	12°45'783	1353	1550	1.0	208	"	"	"	"	1420	"	"	Uli		
	17:15	74°46'102	12°45'869	1138	1654	5.9	133	"	"	"	"	1500	"	"	Uli		





Date	Time (UTC)	Latitude	Longitude	Tide (PS)	Tide (HS)	Speed (kts)	Course	Tideg	Pulse	Rec. Length	Water	Water	Water	Water	Water	Water
13.07	11:30	74°45.455	12°40.815	1440	1766	4.4	112.4	40	2	266	0	1650	5	27	Uli	
14.07	11:45	74°44.837	12°36.867	1439	1883	5.5	103.6	"	"	"	"	1800	"	"	Uli	
	11:00	74°44.04	12°32.66	1438	1984	6.2	111	"	"	"	"	1700	"	28	Deuref	18:00 Tape 27 → 28
	18:15	74°43.55	12°28.54	0	2075	3.1	112	"	"	"	"	1930	"	"	Deuref	18:23 Station 1:50000 L60
	20:00	74°41.87	12°22.2	2172	2180	6.6	116.4	"	"	"	"	2050	"	"	Jutta	19:56 Start WO, 1:20000
	20:17	74°41.26	12°22.26	2236	2237	4.5	106	"	"	"	"	2200	5	"	"	
	20:31	74°41.82	12°18.15	2235	2300	6.5	82.5	"	"	"	"	"	"	"	"	
	20:46	74°41.88	12°15.74	2360	2370	6.4	102.2	"	"	"	"	2350	"	"	"	
	21:00	74°41.03	12°08.66	2455	2457	6.9	130.2	"	"	"	"	2500	"	"	"	
	21:15	74°40.55	12°03.95	2553	2553	6.7	145.7	"	"	"	"	"	"	"	"	
	21:30	74°39.6	11°57.6	2674	2680	6.2	94.1	"	"	"	"	"	"	"	"	
	21:45	74°39.2	11°57.1	2744	2749	6.4	106.8	"	"	"	"	2650	"	"	"	
	22:00	74°38.7	11°46.5	2832	2834	4.4	107.5	"	"	"	"	2800	"	"	"	
	22:15	74°38.28	11°40.44	2905	2912	10.0	123	"	"	"	"	"	"	"	Natalia	
	22:30	74°37.13	11°32.40	2978	3030	10.0	121	"	"	"	"	2900	"	"	"	
	22:45	74°36.19	11°25.06	3028	3034	9.5	125	"	"	"	"	"	"	"	"	
	23:00	74°34.80	11°18.25	3080	3076	10.1	130	"	"	"	"	3000	"	"	"	
	23:15	74°34.02	11°13.11	3092	3103	8.1	130	"	"	"	"	"	"	"	"	
	23:30	74°32.51	11°05.67	3117	3123	10.3	127	"	"	"	"	"	"	"	"	
	23:45	74°30.93	10°58.37	3129	3134	10.2	128	"	"	"	"	"	"	"	"	
14.07	0:00	74°29.36	10°50.81	3148	3155	10.0	127	"	"	"	"	3100	"	"	"	
15.07	0:15	74°27.892	10°43.327	3167	3169	10.1	125	"	"	"	"	3100	"	"	Ulan	Güdn Morschn!
	0:30	74°26.202	10°34.770	3159	3160	10.2	125	"	"	"	"	3100	"	"	"	Gasstrukturen?
	0:45	74°24.888	10°28.114	3170	3176	10.3	127	"	"	"	"	3100	"	29	"	Neues Tape!
	1:00	74°23.333	10°20.500	3157	3167	10.3	127	"	"	"	"	"	"	"	"	
	1:15	S T A T	I O N									3100	"	"	Jutta	Einseitig Afos 03:55 UTC
	4:30	74°22.18	10°18.21	3131	3135	0.4	96.4	"	"	"	"	3100	"	"	"	Ende Geo Station 03:55
	4:45	74°22.18	10°18.16	3131	3136	0.6	11.4	"	"	"	"	"	"	"	"	0,5 sm/h WO → 1:50,000
	5:00	74°22.30	10°18.15	3131	3138	0.5	358	"	"	"	"	"	"	"	"	4:45 Afos Beginn
	5:15	74°22.41	10°18.18	3131	3134	0.4	356	"	"	"	"	"	"	"	"	Daxo Element
	5:30	74°22.52	10°18.20	3130	3132	0.4	10.7	"	"	"	"	"	"	"	"	
	5:45	74°22.68	10°18.23	3128	3133	0.8	333	"	"	"	"	"	"	"	"	





Date	Time (UTC)	Latitude	Longitude	Type (PS)	Rate (HS)	Speed (Kts)	Course	Treq	Pulse	Rec. Length					
14.7.	6:00	74°22.81	10°18.27	3127	3130	0.4	358	40	2	266	0	3100	5	29	Jutta
13.7.	6:17	74°22.97	10°18.31	3128	3133	0.5	353	"	"	"	"	"	"	"	"
	6:30	74°23.10	10°18.33	3129	3134	0.6	352	"	"	"	"	"	"	"	"
	6:45	74°23.30	10°18.39	3135	3150	1.0	357	"	"	"	"	"	"	"	"
	7:00	74°23.44	10°18.42	3169	3482	0.8	358	"	"	"	"	"	"	"	"
	7:18	74°23.63	10°18.45	3188	3200	0.7	356	"	"	"	"	"	"	"	"
	7:30	74°23.72	10°18.48	3207	3208	0.5	359	"	"	"	"	"	"	"	"
	7:45	74°23.86	10°18.51	3205	3208	0.4	355	"	"	"	"	"	"	"	"
	8:00	74°23.99	10°18.55	3204	3206	0.7	351	"	"	"	"	"	"	"	"
	8:15	74°24'00	10°18'612	3206	3212	0.4	358	"	"	"	"	"	30	"	(C. Jutta)
	8:30	74°24'275	10°18'603	3210	3216	0.7	358	"	"	"	"	"	"	"	(C. Jutta)
	8:45	74°24'405	10°18'653	3214	3217	0.7	354	"	"	"	"	"	"	"	Uli
	9:00	74°24'552	10°18'783	3210	3210	0.6	350	"	"	"	"	"	"	"	Uli
	9:15	74°24'675	10°18'750	3205	3209	0.5	356	"	"	"	"	"	"	"	Uli
	9:30	74°24'932	10°18'761	3207	3203	0.5	358	"	"	"	"	"	"	"	Uli
	9:45	74°24'949	10°18'700	3200	3202	0.6	350	"	"	"	"	"	"	"	Uli
	10:00	74°25'121	10°18'799	3189	3191	0.8	355	"	"	"	"	"	"	"	Kate
	10:15	74°25'227	10°18'820	3185	3187	0.5	359	"	"	"	"	"	"	"	"
	10:30	74°25'410	10°18'858	3183	3186	0.5	358	"	"	"	"	"	"	"	"
	10:45	74°25'482	10°18'957	3182	3185	0.4	353	"	"	"	"	"	"	"	"
	11:00	74°25'584	10°19'016	3181	3184	0.2	253	"	"	"	"	"	"	"	"
	11:15	74°25'678	10°19'093	3180	3181	0.7	15	"	"	"	"	"	"	"	"
	11:30	74°25'702	10°19'192	3180	3182	0.1	242	"	"	"	"	"	"	"	"
	11:45	74°25'167	10°20'125	3179	3182	4.2	66	"	"	"	"	"	"	"	"
	12:00	74°25'13	10°18'51	3190	3193	2.5	136	"	"	"	"	"	"	"	David
	Station														
	14:45	74°26'63	10°19'12	3181	3183	2.3	219	"	"	"	"	3100	"	"	
	Station														
	16:45	74°28'88	10°18'69	3186	3185	10.0	111	"	"	"	"	"	"	"	David
	17:00	74°24'61	10°08'04	3178	3185	10.0	113	"	"	"	"	"	"	"	David
	17:15	74°23'47	10°01'91	3160	3160	0.6	323	"	"	"	"	60	"	"	David
	19:00	74°23'96	10°04'62	3162	3170	4.5	18.6	"	"	"	"	"	"	"	"
	19:15	74°22'89	9°59'70	3179	3181	9.8	120	"	"	"	"	"	"	"	J. Natalia
	19:30	74°23'34	9°53'79	3200	3206	9.7	33	"	"	"	"	"	"	"	"
	19:45	74°24'78	9°49'93	3200	3203	0.5	380	"	"	"	"	60	"	"	"
	20:00	ST A	T 1 0	N							"	"	"	"	UWE
	21:44	74°24'70	9°52'29	3191	3192	9.9	3062	"	"	"	"	0	"	"	"

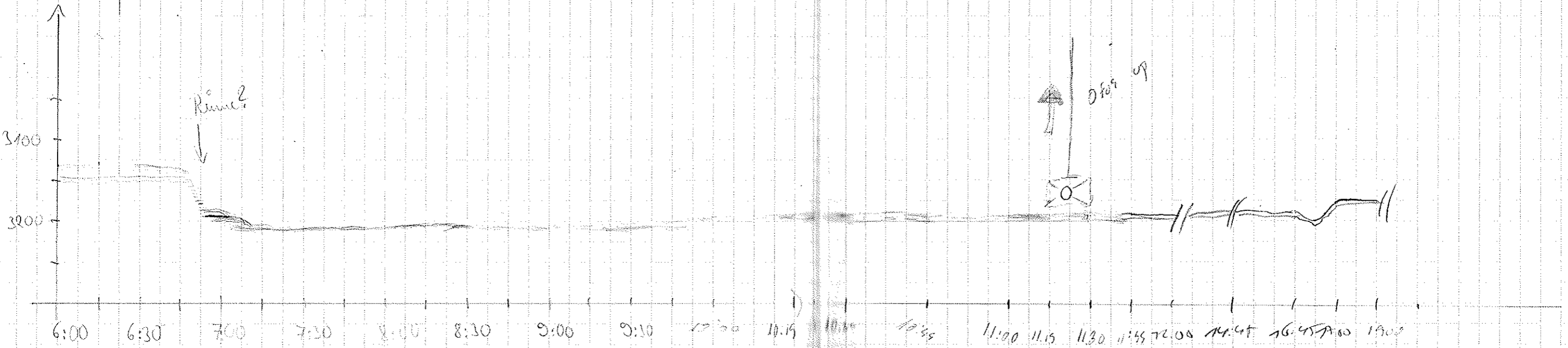
TAPE WECHSEL 29 → 30 8:14  
 ERROR AVERAGE NUF 3100/4100  
 OHNE BEDEUTUNG

Deso speed 1:50000 → 1:20000

12:05 Station Nr. 72! 1:50000  
 Ende Station 14:29 Lat. 60  
 1/20.000 W0  
 Stationsanfang 14:45 1:50000 W 60  
 16:30 Ende Station 1:20000, Lat 60  
 Tape 30 → 31 16:35  
 17:16 Station 1:50000, Lat 60!  
 19:00 Station beendet

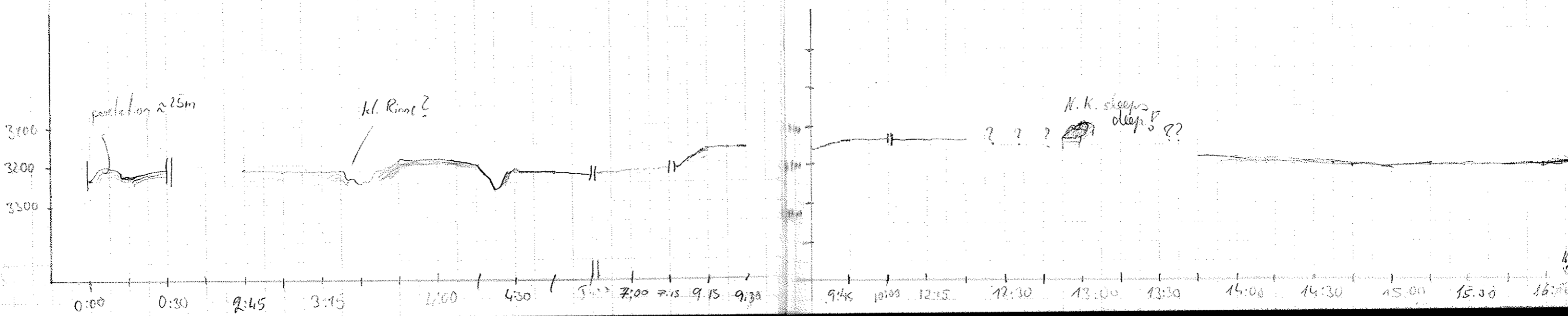
19:45 Station (1:50000)

Station beendet  
 22:09





Date	Time (UTC)	Latitude	Longitude	Tide (PS)	Tide (HS)	Speed (kts)	Course	Treq	Pulse	Rec. Length							
15 07 00	0:00	74°28.254	10°06.363	3234	3234	10.0	301	40	2	200	0	3100	5	31	Uli	Station 23:10 W60/1:50.000	
16 07 00	0:15	74°28.705	10°15.073	3227	3226	10.3	300	"	"	"	"	"	"	"	Uli	end 23:57 → W0/1:20.000	
16 07 00	0:30	74°30.72	10°22.30	3204	3205	8.7	332	"	"	"	"	"	"	"	Jutta	Station 0:36 W60/1:50.000	
			Station													end 2:37	
	2:45	74°32.17	10°18.4	3214	3214	10.2	342	"	"	"	"	"	"	"			
	3:00	74°32.927	10°13.067	3220	3227	10.0	124	"	"	"	"	"	"	"	Christoph		
	3:15	74°37.497	10°05.105	3226	3228	10.1	124	"	"	"	"	"	"	"	Uli		
	3:30	74°30.010	9°57.419	3250	3255	9.9	128	"	"	"	"	"	"	"	Uli		
	3:45	74°28.567	9°50.197	3197	3195	10.2	123	"	"	"	"	"	"	"	Uli		
	4:00	74°28.705	9°43.765	3203	3207	9.4	0	"	"	"	"	"	"	"	Uli		
	4:15	74°30.50	9°40.57	3224	11	9.9	1.1	"	"	"	"	"	"	"	Deert		
	4:30	74°31.823	9°45.910	3274	3277	9.8	232	"	"	"	"	"	"	"	Christoph		
	4:45	74°32.65	9°53.38	3240	3243	9.4	238	"	"	"	"	"	"	"	Deert	Tape 31-732 4:48	
	5:00	74°29.18	9°59.50	3244	3248	9.3	215	"	"	"	"	"	"	"	Beert		
	5:15																
	7:00	74°29.29	10°04.37	3235	3238	5.5	191	"	"	"	"	"	"	"		5:14 Station 1:50 on Lat 60	
	7:15	74°25.41	10°09.08	3229	3237	5.9	207	"	"	"	"	"	"	"	Deert	6:59 beender	
	S	T	A	I	I	0	N								"	7:23 Station	
	9:15	74°24.53	10°05.92	3160	3127	8.4	156	"	"	"	"	"	"	"	"	end 9:18 W0/1:20.000	
	9:30	74°22.93	10°06.56	3152	3155	8.2	184.1	"	"	"	"	"	"	"	"		
	9:45	74°22.88	10°14.09	3134	3138	10.0	273	"	"	"	"	"	"	"	Kale		
	10:00	74°22.668	10°21.03	3123	3125	5.5	267.1	"	"	"	"	"	"	"	"		
	12:15	74°22.79	10°20.70	3124	3128	8.7	302	"	"	"	"	"	"	"	Natalia	10:06 on station 1:50 on W60	
	12:30	74°25.03	10°23.76	3181	3183	10.4	8.1	"	"	"	"	"	"	"	Jutta	12:10 end W0/1:20.000	
	12:45	070	S - PROFILE	C-D											"	1:50.000	
	13:45	74°25.17	10°21.96	3181	3185	0.4	175	"	"	"	"	"	"	"	Jutta		
	14:00															13:43 Begin of Profile	
	14:15	74°24.900	10°21.904	3192	3199	0.6	163	"	"	"	"	"	"	"	Christoph		
	14:30	74°24.743	10°21.865	3200	3204	0.5	181	"	"	"	"	"	"	"	Christoph		
	14:45	74°24.601	10°21.827	3205	3210	0.5	194	"	"	"	"	"	"	"	Christoph	Tape Wechsel 32-733 14:48	
	15:00	74°24.463	10°21.787	3206	3215	0.5	191	"	"	"	"	"	"	"	Christoph		
	15:15	74°24.313	10°21.759	3205	3207	0.6	171	"	"	"	"	"	"	"	Christoph		
	15:30	74°24.173	10°21.757	3204	3208	0.4	173	"	"	"	"	"	"	"	Christoph		
	15:45	74°24.083	10°21.743	3204	3207	0.7	175	"	"	"	"	"	"	"	Christoph		
	16:00	74°23.908	10°21.677	3203	3209	0.5	175	"	"	"	"	"	"	"	Kale		
	16:15	74°23.806	10°21.654	3202	3205	0.4	190	"	"	"	"	"	"	"	"		
	16:30	74°23.674	10°21.634	3191	3198	0.5	175	"	"	"	"	"	"	"	"		

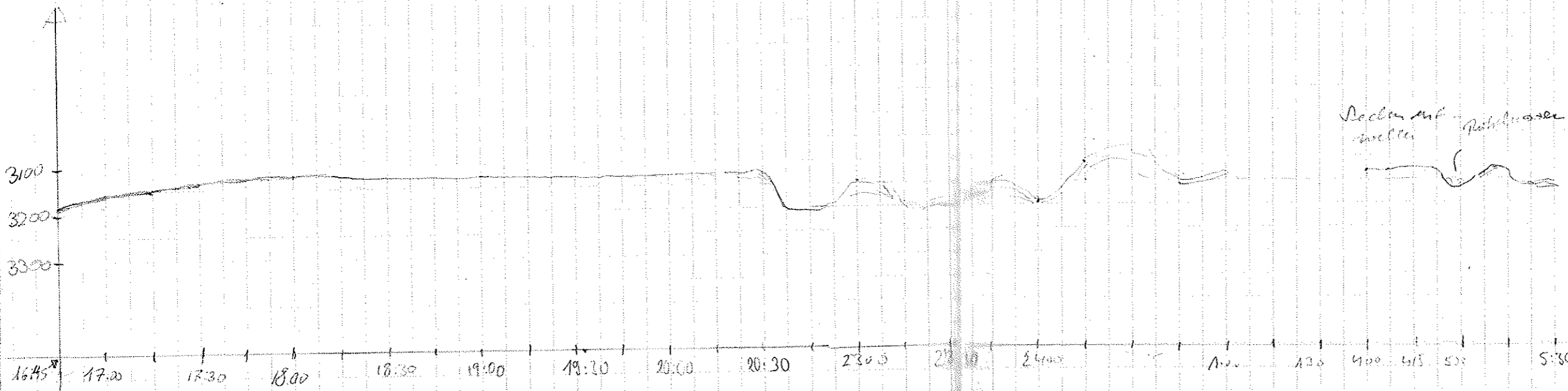




2	Date	Time (UTC)	Latitude	Longitude	Tiefe (PS)	Tiefe (HS)	Speed (Kts)	Course	Trey	Pulse	Rec. Length						
15.07.00	16:45	74°23'53	10°21'57	3170	3182	0,5	170	40	2	266	0	3100	5	33	Kate		
16.07.00	17:00	74°23'47	10°21'56	3160	3165	0,5	172	"	"	"	"	"	"	"	"		
	17:15	74°23'30	10°21'52	3150	3154	0,4	174	"	"	"	"	"	"	"	"		
	17:30	74°23'18	10°21'50	3139	3145	0,3	200	"	"	"	"	"	"	"	"		
	17:45	74°23'06	10°21'47	3132	3136	0,5	174,5	"	"	"	"	"	"	"	"		
	18:00	74°22'53	10°21'40	3127	3132	0,7	175	"	"	"	"	"	"	"	"	Christoph	
	18:15	74°22'42	10°21'42	3123	3125	0,3	149	"	"	"	"	"	"	"	"	Christoph	
	18:30	74°22'35	10°21'38	3122	3126	0,5	179	"	"	"	"	"	"	"	"	Christoph	
	18:45	74°22'29	10°21'34	3122	3128	0,4	157,6	"	"	"	"	"	6	"	"	Uwe	
	19:00	74°22'26	10°21'30	3124	3127	0,4	184	"	"	"	"	"	"	"	"	Uwe	
	19:15	74°22'24	10°21'23	3125	3130	0,5	184	"	"	"	"	"	"	"	"	Uwe	
	19:30	74°22'16	10°21'36	3125	3132	0,3	189	"	"	"	"	"	"	34	"	Uwe	
	19:45	74°22'16	10°21'55	3125	3133	0,3	293	"	"	"	"	"	6	34	"	Jutti	
	20:00	74°22'11	10°21'84	3124	3127	0,5	217	"	"	"	"	"	"	"	"	"	
	20:15	74°22'10	10°22'04	3123	3128	0,3	303	"	"	"	"	"	"	"	"	"	
	20:30	74°22'07	10°23'08	3126	3134	0,3	9,9	"	"	"	"	"	"	"	"	"	
	20:45	74°22'05	10°21'89	3208	3210	0,4	200	"	"	"	"	"	"	"	"	"	
	21:00	74°22'04	10°21'88	3204	3207	1,5	341	"	"	"	"	"	"	"	"	"	
	23:00	74°26'18	10°21'95	3178	3175	10,2	358	"	"	"	"	"	"	"	"	"	
	23:15	74°28'12	10°22'42	3208	3217	9,8	317	"	"	"	"	"	"	"	"	"	
	23:30	74°28'43	10°21'84	3199	3207	8,9	185	"	"	"	"	"	"	"	"	"	
	23:45	74°28'57	10°21'8	3157	3154	9,2	168	"	"	"	"	"	"	"	"	"	
	24:00	74°28'54	10°21'7	3189	3194	9,2	179	"	"	"	"	"	"	"	"	"	
	0:15	74°28'5	10°21'78	3106	3110	9,6	180	"	"	"	"	"	"	"	"	"	
16.07.00	0:30	74°28'7	10°21'85	3089	3089	9,9	266	"	"	"	"	3000	"	"	"	David	
17.07.00	0:45	74°28'9	10°21'7	3173	3176	9,5	125	"	"	"	"	"	"	"	"	"	
	1:00	74°28'16	10°21'84	3142	3150	10,2	111	"	"	"	"	"	"	"	"	"	
	1:15	74°28'31	10°21'73	3160	3164	10,1	112	"	"	"	"	"	"	"	"	"	
	1:30	74°28'36	10°21'24	3156	3161	10,4	260,0	"	"	"	"	"	"	"	"	"	
	4:00	74°28'29	10°21'16	3140	3141	9,8	179,2	"	"	"	"	"	"	"	"	"	
	4:15	74°28'20	10°21'25	3124	3122	10,0	179,2	"	"	"	"	"	"	35	"	"	
	4:30	74°28'36	10°21'23	3102	3112	10,3	178,6	"	"	"	"	"	"	"	"	"	
	4:45	74°28'36	10°21'19	3153	3160	10,1	179,2	"	"	"	"	"	"	"	"	"	
	5:00	74°28'65	10°21'50	3111	3114	9,6	317	"	"	"	"	"	"	"	"	"	
	5:15	74°28'074	10°21'599	3157	3160	9,8	42	"	"	"	"	"	"	"	"	"	
	5:30	74°28'614	10°21'913	3158	3159	9,7	50	"	"	"	"	"	"	"	"	"	

Deso Rollo neu  
 Tape gewechselt  
 20:17 Afos auf Deck  
 Station: 20:46 W→60 1:50.000  
 end 22:42 W→0 (1:20.000)

Station 1:50 W→60.0 1:50.000  
 3:39 Station border  
 34→35



Deck auf  
 stellen



Date	Time (UTC)	Latitude	Longitude	Tide (ps)	Tide (HS)	Speed (1.6)	Course	Tideg	Pulse	Rec. Length						
	5:43															
16.7.	8:00	74°22.69	10°42.20	3173	3175	0.2	70.3	40	2	266	0	3000	6	35	Jutta	
17.7.	8:21	74°23.84	10°41.35	3184	3180	0.3	65	"	"	"	"	"	"	"	Käbe	
	11:00	74°23.90	10°31.05	3186	3193	0.7	76.5	"	"	"	"	"	"	"	"	
	11:15	74°24.005	10°30.102	3193	3195	0.7	78	"	"	"	"	"	"	"	"	
	11:30	74°24.000	10°29.631	3194	3196	0.5	82	"	"	"	"	"	"	"	"	
	11:45	74°24.024	10°29.380	3194	3199	0.3	81	"	"	"	"	"	"	"	"	
	12:00	74°24.035	10°29.021	3194	3195	0.5	78	"	"	"	"	3050	"	"	Käbe	
	12:15	74°24.081	10°28.28	3194	3195	0.5	78	"	"	"	"	"	"	36	Natalia	
	12:45	74°24.09	10°27.77	3197	3199	0.4	83	"	"	"	"	"	"	"	"	
	13:00	74°24.12	10°27.35	3198	3198	0.4	85	"	"	"	"	"	"	"	"	
	13:15	74°24.14	10°26.93	3198	3203	0.4	87	"	"	"	"	"	"	"	"	
	13:45	74°24.17	10°26.07	3200	3202	0.5	85	"	"	"	"	"	"	"	"	
	14:00	74°24.20	10°25.60	3201	3202	0.4	78	"	"	"	"	"	"	"	"	
	14:15	74°24.21	10°25.14	3201	3201	0.6	73.4	"	"	"	"	"	"	"	"	
	14:30	74°24.23	10°24.64	3202	3203	0.6	85.1	"	"	"	"	"	"	"	"	
	14:45	74°24.25	10°24.19	3202	3205	0.4	68.1	"	"	"	"	"	"	"	"	
	15:00	74°24.27	10°23.8	3203	3210	0.5	82.5	"	"	"	"	"	"	"	"	
	15:15	74°24.29	10°23.33	3203	3207	0.4	73.1	"	"	"	"	"	"	"	"	
	15:30	74°24.31	10°22.91	3204	3210	0.5	79.6	"	"	"	"	"	"	"	"	
	15:45	74°24.33	10°22.50	3204	3207	0.4	76.8	"	"	"	"	"	"	"	"	
	16:00	74°24.34	10°22.10	3205	3207	0.4	88.0	"	"	"	"	"	"	"	"	
	17:15	74°24.85	10°19.84	3199	3202	8.8	302	"	"	"	"	"	"	37	Jutta	
	17:30	74°26.67	10°25.25	3173	3176	10.	318	"	"	"	"	"	"	"	"	
	17:45	74°28.63	10°31.08	3155	3158	10.	320	"	"	"	"	"	"	"	"	
	18:00	74°30.189	10°38.134	3169	3173	9.9	305	"	"	"	"	3050	6	37	Ulan	
	18:15	74°31.622	10°45.790	3158	3162	9.9	305	"	"	"	"	"	"	"	"	
	18:30	74°32.066	10°52.316	3152	3160	9.9	305	"	"	"	"	"	"	"	"	
	18:45	74°33.866	10°58.248	3139	3146	4.1	315	"	"	"	"	"	"	"	"	
	19:00	74°34.414	11°02.525	3130	3138	5.6	290	"	"	"	"	"	"	"	"	
	19:15	74°34.939	11°08.991	3111	3116	9.6	287	"	"	"	"	"	"	"	"	
	19:30	74°35.425	11°16.104	3080	3088	5.8	288	"	"	"	"	"	"	"	"	
	19:45	74°35.932	11°22.386	3044	3051	9.0	290	"	"	"	"	2950	"	"	"	
	20:00	ST	A T	1 0	N							"	"	"	"	
	22:00	74°35.96	11°27.66	3023	3029	8.4	272	"	"	"	"	"	"	"	"	

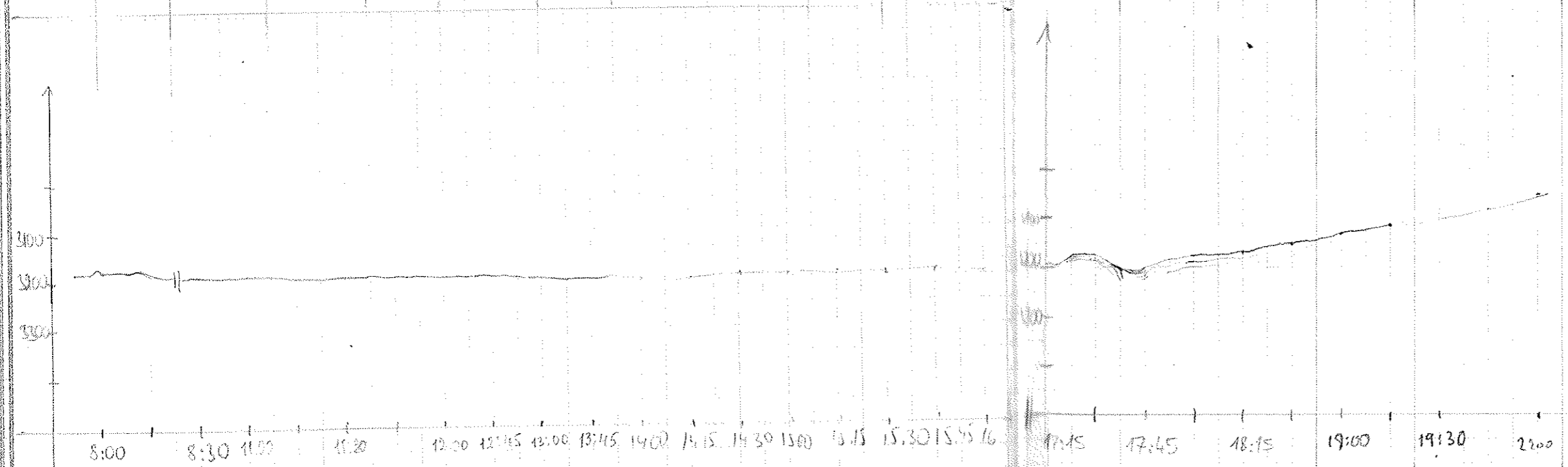
Station 8:22 W 60 1:50,000  
 end 7:49 W 0

Station 8:22 W 60 1:50,000  
 end 10:33  
 Regina 2:01 Prof. 1:50,000

Tape 35+36 12:30  
 12:51 ReProgram; 12:50-12:51  
 Don Sept. Ev. keine digit. kor. Daten.

← Ofos beendet  
 Wateght's 17:06  
 17:04 Tapechange 36→37

Eis  
 Eis  
 Eis  
 Station erreicht am 19:55  
 Start 21:55 W 30

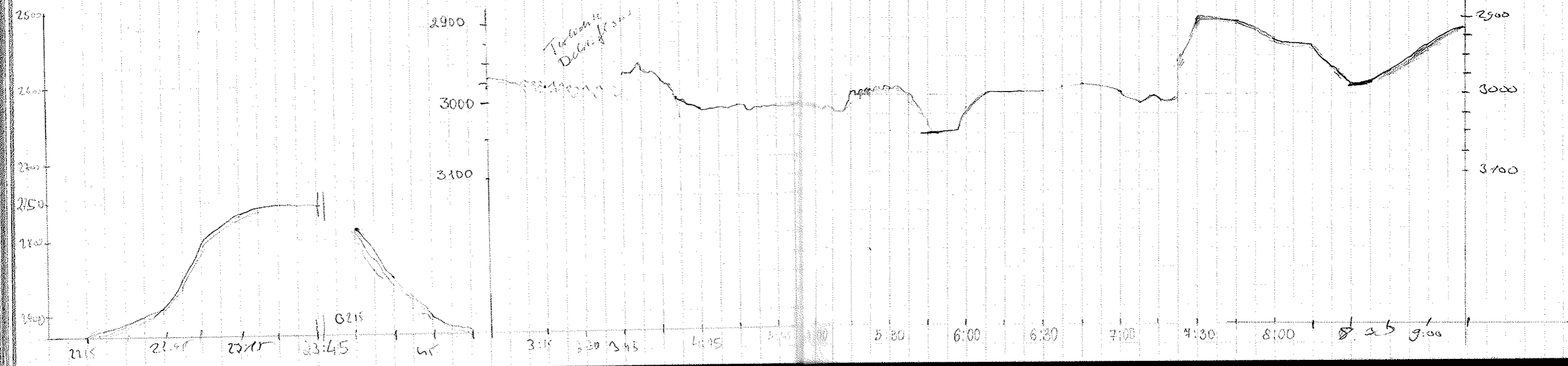




Date	Time (UTC)	Latitude	Longitude	Time (PS)	Time (HS)	Speed (kts)	Course	Treq	Pulse	Rec. Length	Temp	Wind	Wave	Remarks	
16.7	22:15	74°36.15	110°36.59	2970	2976	9.0	225.8	40	2	266	0	2950	6	37	Jens
17.7	22:30	74°36.37	110°42.25	2925	2930	6.3	220.6	"	"	"	"	2800	4	"	Jens
	22:45	74°36.78	110°47.86	2880	2884	5.4	278	"	"	"	"	2650	4	"	David
	23:00	74°36.79	110°53.92	2800	2803	3.1	11	"	"	"	"	"	4	"	David
	23:15	74°37.85	110°55.18	2755	2951	2.0	325	"	"	"	"	"	4	"	David
	23:30	74°37.80	110°56.11	2754	2754	4.8	294	"	"	"	"	"	4	"	David
	23:45	74°37.25	110°54.45	2750	2753	1.1	194.6	"	"	"	"	"	4	38	Jens
17.7	2:15	74°35.89	110°52.05	2789	2796	6.3	176.5	"	"	"	"	"	4	"	Jens
18.7	2:30	74°34.01	110°56.19	2848	2854	7.2	176.4	"	"	"	"	"	4	"	Jens
	2:45	74°32.01	110°55.55	2902	2908	10.2	172.1	"	"	"	"	"	4	"	Jens
	3:00	74°29.39	110°52.55	2969	2975	11.3	164.9	"	"	"	"	"	4	"	Jens
	3:15	74°26.70	110°53.39	2980	2987	10.3	169.2	"	"	"	"	"	4	"	Jens
	3:30	74°24.24	110°51.49	2978	2983	9.9	192.1	"	"	"	"	"	4	"	Jens
	3:45	74°21.79	110°52.65	2971	2973	9.7	158.6	"	"	"	"	2950	4	"	Jens
	4:00	74°19.88	110°47.48	2983	2994	9.3	130	"	"	"	"	"	4	"	"
	4:15	74°18.68	110°39.91	3021	3027	9.6	136	"	"	"	"	2950	4	"	Natasha
	4:30	74°16.39	110°37.08	3018	3020	9.9	164	"	"	"	"	"	4	"	Natasha
	4:45	74°14.08	110°34.47	3010	3013	9.8	163	"	"	"	"	"	4	"	"
	5:00	74°11.93	110°32.10	3026	3030	8.1	162	"	"	"	"	"	4	"	"
	5:15	74°09.93	110°30.78	2991	2998	7.8	262	"	"	"	"	"	4	"	"
	5:30	74°09.47	110°37.50	2993	3001	7.7	252	"	"	"	"	"	4	"	"
	5:45	74°09.73	110°41.62	3051	3054	5.4	353	"	"	"	"	"	4	"	"
	6:00	74°11.10	110°43.05	3010	3009	9.4	345	"	"	"	"	"	4	"	"
	6:15	74°13.05	110°45.03	2988	2991	9.4	343	"	"	"	"	"	4	"	"
	6:30	74°14.84	110°48.41	2988	2991	8.9	235	"	"	"	"	"	4	39	"
	6:45	74°14.17	110°56.67	2967	2970	9.2	209	"	"	"	"	2900	4	"	"
	7:00	74°11.82	110°54.64	2999	3001	10.1	165	"	"	"	"	"	4	"	"
	7:15	74°09.41	110°52.24	3012	3018	10.2	165	"	"	"	"	"	4	"	"
	7:30	74°07.65	110°50.54	2898	2920	5.9	163	"	"	"	"	2820	4	"	"
	7:45	74°06.21	110°49.21	2910	2916	5.9	161	"	"	"	"	"	4	"	"
	8:00	74°04.90	110°47.87	2928	2931	4.6	168	"	"	"	"	"	4	"	David
	8:15	74°05.77	110°46.33	2938	2941	4.6	168	"	"	"	"	"	4	"	David
	8:30	74°04.41	110°48.32	2985	2990	5.2	169	"	"	"	"	"	4	"	David
	8:45	74°02.19	110°49.71	2967	2973	6.2	276	"	"	"	"	"	4	"	David
	9:00	74°02.57	110°54.61	2932	2935	5.9	281	"	"	"	"	"	4	"	David
	9:15	74°02.78	110°59.41	2917	2920	6.1	280	"	"	"	"	"	4	"	David

Tape 37 → 38 23:40  
 Station 23:40 1:50.000 W60  
 2:02 band net 1:20000 W0

6:26 Tape 38 → 39

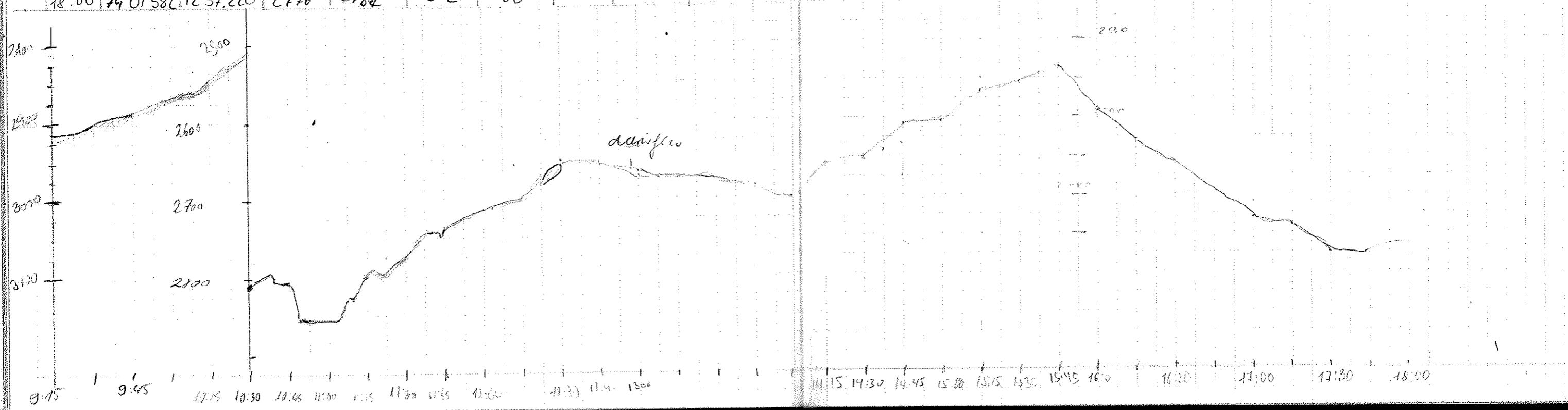




Date	Time	Latitude	Longitude	Temp (PS)	Temp (HS)	Speed (kts)	Course	Tideg	Pulse	Rec. Length	Wind	Wind Dir	Wind Spd	Wave	Remarks
07	8:30	74°03.70	12°06.76	2901	2903	9.5	282	40	2	266	0	2820	6	39	Demel
08	9:45	74°03.89	12°15.03	2883	2885	6.2	280	"	"	"	"	"	"	"	Kale
	10:00	74°04.070	12°22.21	2869	2871	9.5	283	"	"	"	"	"	"	"	"
	10:15	74°04.401	12°28.58	2845	2847	5.5	281	"	"	"	"	"	"	"	"
	10:30	74°04.734	12°33.87	2813	2816	5.9	285	"	"	"	"	2700	"	"	"
	10:45	74°04.96	12°36.26	2809	2819	5.1	278	"	"	"	"	"	"	"	"
	11:00	74°05.173	12°42.562	2865	2866	5.6	276	"	"	"	"	"	"	"	"
	11:15	74°05.47	12°47.648	2799	2806	5.6	279	"	"	"	"	"	"	"	"
	11:30	74°05.681	12°51.82	2775	2780	5.9	287	"	"	"	"	"	"	40	"
	11:45	74°05.953	12°57.35	2789	2789	8.4	276	"	"	"	"	2550	6	"	Kale
	12:00	74°06.04	13°01.56	2705	2720	6.0	272	"	"	"	"	"	"	"	"
	12:15	74°06.22	13°07.74	2699	2703	4.6	280	"	"	"	"	"	"	"	"
	12:30	74°06.72	13°13.61	2652	2658	6.2	290	"	"	"	"	"	"	"	"
	12:45	74°05.43	13°13.8	2660	2663	8.0	161	"	"	"	"	"	"	"	"
	13:00	74°04.46	13°13.6	2673	2671	6.9	159	"	"	"	"	"	"	"	"
	13:15	74°02.64	13°10.0	2686	2687	5.8	121	"	"	"	"	"	"	"	"
	13:30	74°02.105	13°08.29	2711	2715	7.7	161.2	"	"	"	"	"	"	"	"
	13:45	73°59.61	13°06.22	2684	2694	7.4	165	"	"	"	"	"	"	"	"
	14:00	73°58.16	13°07.33	2694	2698	9.8	246	"	"	"	"	"	"	"	"
	14:15	73°57.09	13°14.69	2653	2667	10.3	254	"	"	"	"	"	"	"	"
	14:30	73°58.72	13°17.38	2641	2643	9.8	343.6	"	"	"	"	"	"	"	"
	14:45	74°00.68	13°20.32	2612	2615	5.0	350.0	"	"	"	"	"	"	"	"
	15:00	74°02.33	13°21.47	2602	2605	6.5	348.6	"	"	"	"	"	"	"	"
	15:15	74°04.06	13°22.92	2573	2683	6.3	344.	"	"	"	"	2450	"	"	Dette
	15:30	74°04.97	13°24.90	2583	2556	6.0	320	"	"	"	"	"	"	"	"
	15:45	74°06.14	13°25.87	2534	2536	5.0	72.3	"	"	"	"	"	"	"	"
	16:00	74°06.57	13°21.47	2591	2596	6.2	86	"	"	"	"	"	"	"	Natasha
	16:15	74°06.88	13°16.65	2632	2639	5.3	85	"	"	"	"	2500	"	"	"
	30	74°07.06	13°11.73	2655	2657	5.9	67	"	"	"	"	"	"	"	"
	45	74°07.45	13°06.85	2694	2699	6.6	77	"	"	"	"	2600	"	"	"
	17:00	74°06.79	13°02.94	2727	2727	5.6	158	"	"	"	"	"	"	41	"
	15	74°05.47	13°01.53	2729	2736	5.2	167	"	"	"	"	"	"	"	"
	30	74°04.10	13°00.07	2777	2778	4.4	166	"	"	"	"	2700	"	"	"
	45	74°02.88	12°58.76	2776	2777	3.6	162	"	"	"	"	"	"	"	"
	18:00	74°01.582	12°57.220	2776	2782	5.2	160	"	"	"	"	"	"	"	Custer

Tape 39 → 40 11:41

17:00 Tape 40 → 41  
Stop records Tape 17:50  
DAU - ERROR 17:50 - 17:55

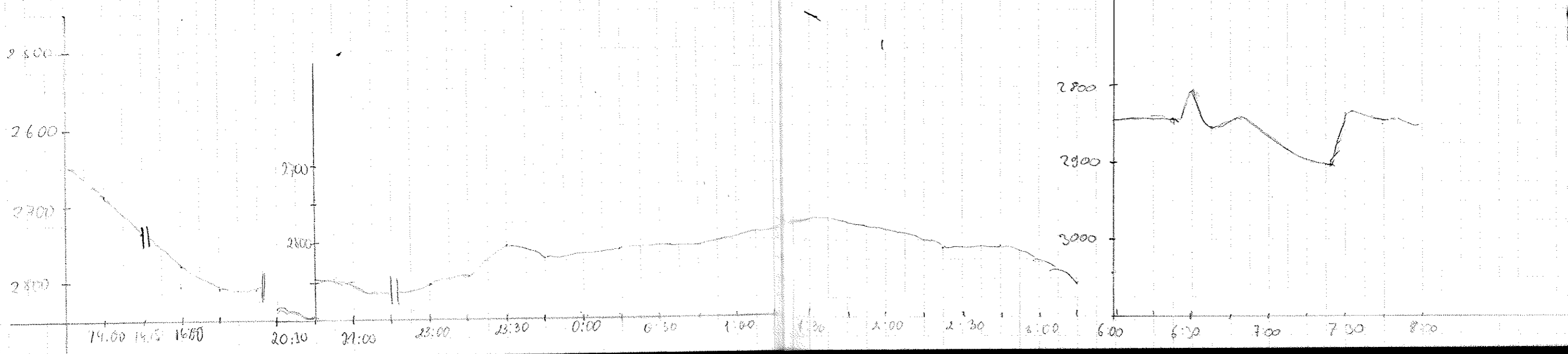






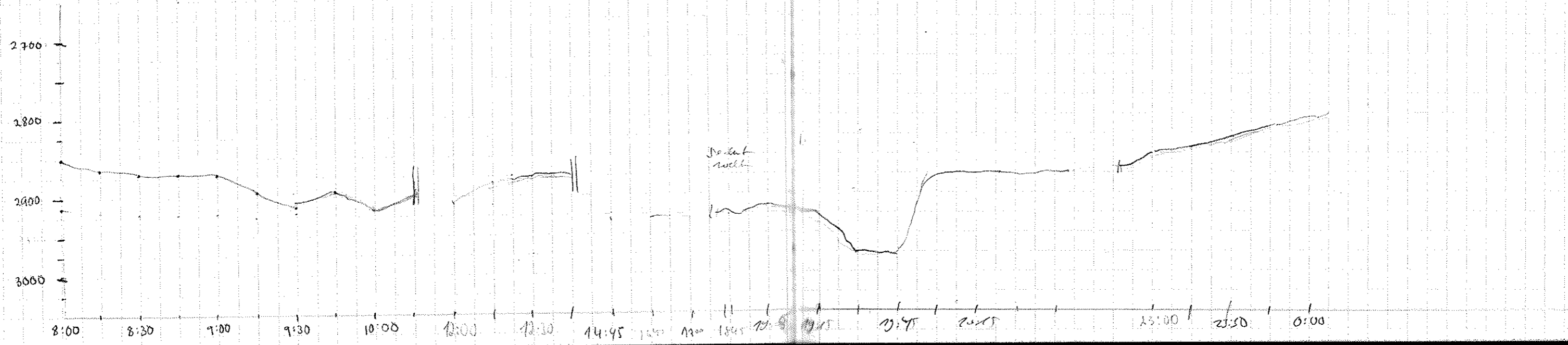


Date	Time	Latitude	Longitude	Tape (ft)	Tape (m)	Speed (ft/s)	Course	Trey	Pulse	Rec. Length	Wind	Temp	Hum	Witch	Remarks
18.07	14:00	74°02'67"	13°10'825"	2681	2685	7.2	57	40	2	266	0	2550	7	43	Christoph
	14:15	74°03'23"	13°04'510"	2738	2742	6.9	48.2	"	"	"	"	2650	"	"	Duke
18.07	Station														Begin station 14.29 W→0 1:50000
	16:00	74°03'68"	13°00'41"	2774	2776	3.7	99.0	"	"	"	"	"	"	44	end station 15.57 W→0 1:20000 43→44
	16:15	74°03'42"	12°55'	2804	2802	4.3	94.5	"	"	"	"	"	"	"	
	16:30	74°03'11"	12°50'	2821	2823	8.8	92.6	"	"	"	"	"	"	"	
	16:45	74°03'41"	12°48'5"	2822	2822	2	3290	"	"	"	"	"	"	"	16.48 Station W→0 1:50000 end W→0 (1:20000)
	20:30	74°03'40"	12°47'5"	2813	2829	4.3	76	"	"	"	"	"	"	"	end of station 20:20 VTC W→0 1:20000
	20:45	74°04'18"	12°43'94"	2846	2847	2.4	40	"	"	"	"	"	"	"	
	21:00	74°04'59"	12°41'8"	2853	2857	2.0	66	"	"	"	"	"	"	"	
	21:15	74°05'25"	12°40'82"	2866	2870	0.2	72	"	"	"	"	"	"	"	Station 21.14 W→0 1:50000
	23:00	74°04'86"	12°43'03"	2860	2863	1.1	196	"	"	"	"	"	"	45	Nalasha
	23:15	74°04'54"	12°43'33"	2853	2857	5.7	135	"	"	"	"	"	"	"	
	23:30	74°03'30"	12°38'54"	2805	2808	5.3	103	"	"	"	"	"	"	"	
	23:37	74°03'04"	12°37'84"	2820	2824	0.4	324	OFOS PROFILE		"	"	"	"	"	
19.04	0:15	74°03'31"	12°38'08"	2812	2819	0.2	346	"	"	"	"	"	"	"	
	0:45	74°03'42"	12°38'15"	2807	2816	0.4	348	"	"	"	"	2700	"	"	OFOS profile 23:37 VTC
	1:15	74°03'71"	12°38'39"	2796	2802	0.3	338	"	"	"	"	"	"	"	
	1:45	74°04'01"	12°38'83"	2779	2787	0.7	357	"	"	"	"	"	"	"	
	2:30	74°04'41"	12°38'15"	2814	2816	0.8	345	"	"	"	"	"	"	"	
	2:45	74°04'59"	12°39'37"	2808	2830	0.6	325	"	"	"	"	"	"	"	
	3:15	74°04'88"	12°39'21"	2859	2863	0.3	320	"	"	"	"	"	"	46	
	3:45	74°05'13"	12°40'14"	2869	2869	0.7	15	"	"	"	"	"	"	"	3:44 Tape 45→46 OFOS - PROFILE ENDE
	6:00	74°06'414"	12°41'313"	2842	2841	1.0	345	40	2	266	0	2750	7	46	Christoph
	6:15	74°06'619"	12°41'433"	2840	2847	2.5	331	"	"	"	"	"	"	"	Christoph
	6:30	74°07'769"	12°42'751"	2832	2845	9.4	347	"	"	"	"	"	"	"	Christoph
	6:45	74°05'381"	12°43'198"	2846	2851	4.8	85	"	"	"	"	"	"	"	Christoph
	7:00	74°05'794"	12°38'472"	2870	2870	5.3	70	"	"	"	"	"	"	"	Christoph
	7:15	74°05'821"	12°33'643"	2902	2908	6.3	178	"	"	"	"	"	"	"	Christoph
	7:30	74°07'661"	12°31'124"	2831	2838	9.5	155	"	"	"	"	"	"	"	Christoph
	7:45	74°05'664"	12°28'904"	2835	2842	6.3	165	"	"	"	"	"	"	"	Christoph
	8:00	74°04'212"	12°27'093"	2850	2854	6.6	161	"	"	"	"	"	"	"	Christoph
	8:15	74°02'752"	12°25'460"	2866	2869	5.8	160	"	"	"	"	"	"	"	Ulan





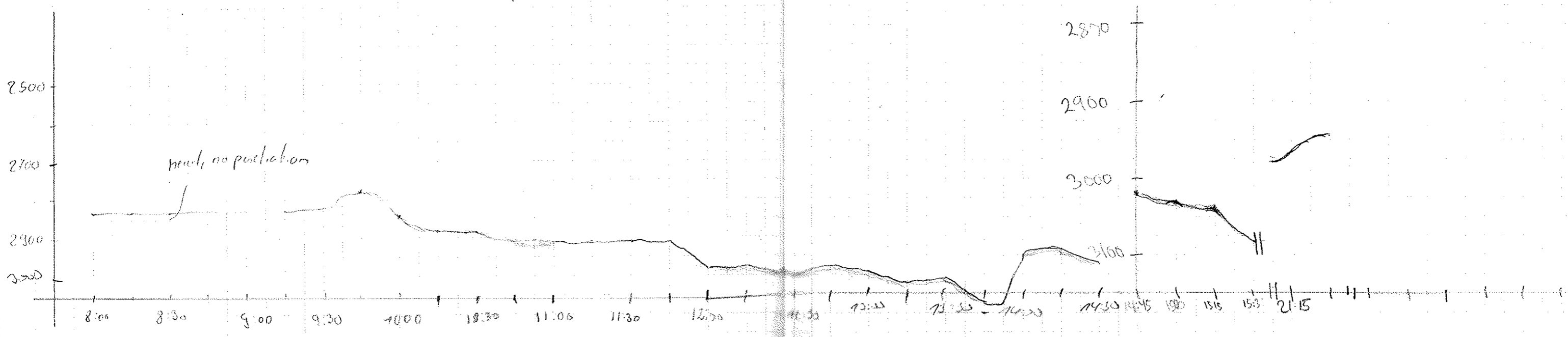
Date	Time (UTC)	Latitude	Longitude	Tide (PS)	Tide (HS)	Speed (MS)	Course	Tideg	Pulse	Rec. Length	Wind	Current	Depth	Water	Comment
19.07	8:30	74°04.378	12°23.781	2866	2871	5.7	158	"	"	"	0	2750	7	46	Ulan
20.07	8:45	74°00.008	12°22.203	2864	2866	5.8	160	"	"	"	0	"	"	"	"
	9:00	73°58.670	12°20.398	2870	2871	4.2	145	"	"	"	0	"	"	"	Tape changed at 9:10
	9:15	73°58.240	12°16.284	2892	2894	6.4	72	"	"	"	0	"	"	47	"
	9:30	73°58.773	12°10.700	2908	2912	5.6	61	"	"	"	0	"	"	"	"
	9:45	73°59.774	12°11.199	2895	2899	6.1	341	"	"	"	0	"	"	"	"
	10:00	74°01.316	12°12.780	2915	2921	5.9	340	"	"	"	0	"	"	"	Kale
	10:15	74°02.496	12°13.841	2899	2901	3.9	221	"	"	"	0	"	"	"	"
	12:00	74°02.20	12°15.61	2906	2911	6.6	335	"	"	"	"	"	"	"	Station 10:19 / 1:50:00 / W60
	12:15	74°04.11	12°18.90	2876	2879	10.6	345	"	"	"	"	"	"	"	11:55 end W→0, (1:20:00)
	12:30	74°06.22	12°18.65	2868	2871	5.7	38	"	"	"	"	"	"	"	"
	12:45	74°06.96	12°19.56	2853	2856	3.8	342	"	"	"	"	"	"	"	12:54 station 1:50:00 / W60
	14:45	74°08.82	12°21.37	2909.0	2938	5.1	302	"	"	"	"	2850	"	"	Station sende: 14:30 Stationaufgang: 14:57 / 1:50:00 / W60
	16:35	74°03.333	12°21.756	2944	2953	1.5	58	"	"	"	"	"	"	"	16:35 Station sende
	16:45	74°10.283	12°22.110	2945	2948	4.6	352	"	"	"	"	"	"	47	Uli + Ulan
	17:00	74°11.176	12°23.526	2923	2933	1.0	300	"	"	"	"	"	"	"	Uli + Ulan
	18:45	74°11.29	12°22.1	2932	2939	4.1	65	"	"	"	"	"	"	"	Station sende 18:42
	19:05	74°11.88	12°16.25	2920	2929	4.7	79	"	"	"	"	"	"	"	Tape 47 → 48 19:15
	19:15	74°12.121	12°12.905	2944	2946	6.3	131	"	"	"	"	"	"	"	"
	19:25	74°10.51	12°10.81	2986	2987	6.0	151	"	"	"	"	"	"	48	Uli
	19:45	74°09.14	12°09.51	2986	2989	6.9	137	"	"	"	"	"	"	"	Deutl Deutl
	20:00	74°07.71	12°07.46	2972.6	2985	7.1	164	"	"	"	"	"	"	"	"
	20:15	74°05.86	12°05.80	2999	2992	6.9	161	"	"	"	"	"	"	"	"
	20:30	74°04.82	12°06.11	2902	2905	4.3	319	"	"	"	"	"	"	"	"
	20:50	74°05.96	12°10.60	2881	2880	5.2	317	"	"	"	"	"	"	"	"
	21:00	74°06.57	12°11.84	2872	2878	5.5	315.1	"	"	"	"	"	"	"	"
	23:00	74°08.31	12°21.89	2850	2853	1.5	209	"	"	"	"	2750	"	"	Station begin 21:35
	23:15	74°07.53	12°24.06	2842	2844	5.5	222	"	"	"	"	"	"	"	Station end 22:59 W→0, 12:00:00
	23:30	74°06.51	12°27.63	2835	2839	5.0	223	"	"	"	"	"	"	"	"
	23:45	74°05.57	12°31.67	2818	2823	5.3	214	"	"	"	"	"	"	"	"
20.07.00	0:00	74°03.939	12°37.170	2813	2822	7.8	198	"	"	"	"	"	"	"	Station 0:15 Basin
21.07.00	0:15	74°03.36	12°38.63	2807	2809	0.8	211	"	"	"	"	"	"	"	Tape wechsell 1:30 48 → 49
	0:30	74°05.96	12°37.03	2791	2843	6.3	143	"	"	"	"	"	"	"	Station end 14:05





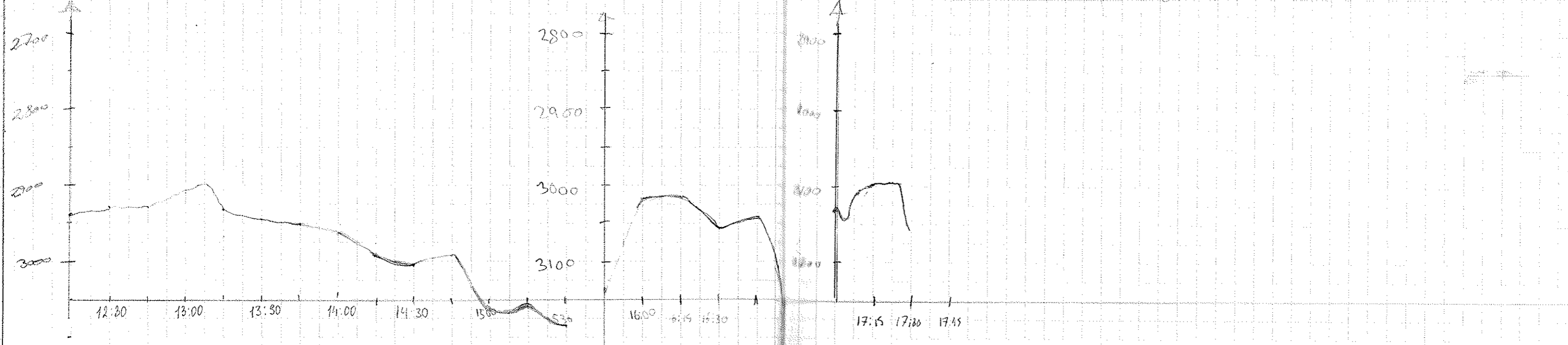
Date	Time (UTC)	Latitude	Longitude	Topo (Hz)	Time (Hz)	Speed (Hz)	Course	Tray	Pulse	Rec. Length	Wind	Temp	Hum	Winds	Comment
20.7.24.7.	7:58	74°03.823	12°49.065	2833	2837	0.1	260	40	2	266	0	2750	8	49	
	8:45	74°03.726	12°49.511	2826	2833	0.2	273								
	8:30	74°03.745	12°49.286	2829	2830	0.3	262								
	8:45	74°03.687	12°49.924	2828	2830	0.4	221								
	8:00	74°02.661	12°50.262	2827	2827	0.7	199								
	8:45	74°03.553	12°50.522	2824	2826	0.8	207								
	9:30	74°03.421	12°49.386	2825	2829	9.2	125								
	8:45	74°02.660	12°43.309	2784	2784	11.1	116								
	10:00	74°01.140	12°35.25	2847	2853	9.2	118								
	10:15	74°01.607	12°27.677	2879	2884	9	78								
	10:33	74°02.191	12°27.401	2885	2890	9.4	72								
	10:45	74°02.825	12°13.039	2898	2900	8.2	73								
	11:00	74°03.286	12°06.271	2902	2904	8.5	72								
	11:15	74°04.053	11°58.688	2912	2915	8.6	73				2800				
	11:30	74°05.288	11°57.495	2904	2906	8	11								
	11:45	74°07.174	11°58.972	2892	2894	7.8	345								
	12:00	74°08.64	12°00.58	2988	2990	4.2	346				2850				
	12:15	74°10.31	12°02.79	2977	2986	8.8	355								
	12:30	74°12.15	11°58.95	2998	3001	9.2	50								
	12:45	74°13.12	11°50.84	2978	2981	9.5	69								
	13:00	74°13.79	11°42.94	2996	3002	7.7	37								
	13:15	74°14.34	11°36.25	3013	3018	7.5	72								
	13:30	74°15.54	11°31.79	3010	3015	8.9	146								
	13:45	74°16.38	11°26.76	3078	3082	9.3	144				3000				
	14:00	74°17.63	11°22.51	2945	2948	8.9	146				2850				
	14:15	74°19.86	11°16.43	2952	2958	8.9	51								
	14:30	74°11.16	11°13.35	2973	2978	7.5	317.9								
	14:45	74°12.52	11°18.12	3018	3023	8.8	316.2				2950				
	15:00	74°14.11	11°23.66	3027	3012	8.7	315.5								
	15:15	74°12.95	11°25.54	3034	3036	8.5	186.2								
	15:30	74°11.17	11°26.02	3078	3083	1.5	22.7								
	Station														
	21:15	74°10'513	11°23'635	2958	2962	5.4	182				2850				
	21:30	74°08'659	11°19'885	2943	2946	2.4	129								

Ofos Begin 2.38 UTC  
 7:50 nears Band edge by 49 → 50  
 11:09 Dev of 1:1000 edge  
 Tape 50 → 51, 15:19  
 Station 15:35 1:50000 W 7600  
 end 21:08  
 21:32 STATION 1:50000 W 60  
 TAPE-WECHSEL 51 → 52 21:33



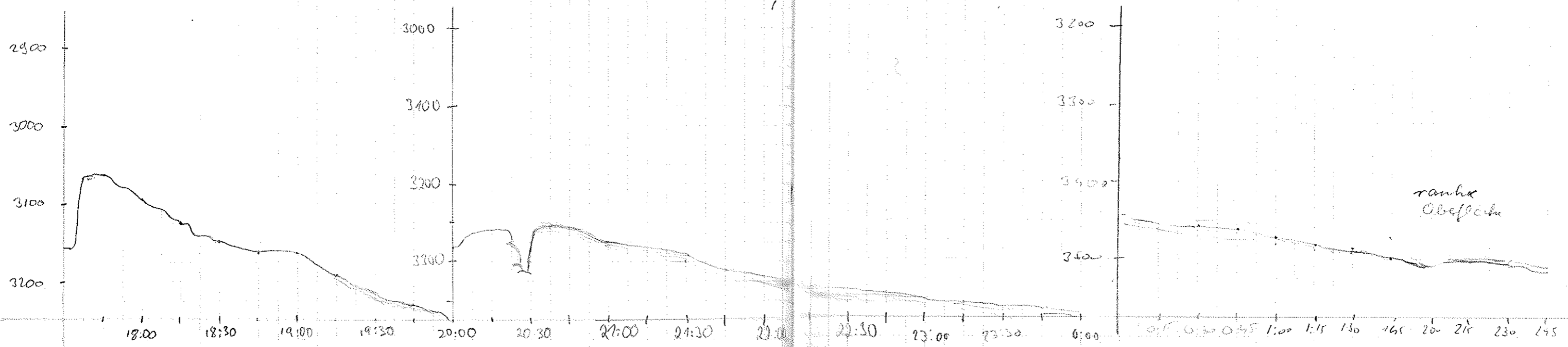


Date	Time (UTC)	Latitude	Longitude	Temp (°C)	Temp (°F)	Speed (kts)	Course	Depth	Pulse	Rec. Length	Wind	Pressure	Depth	Water	Comment	
22:00	ST	A T	O N					40	2	266			8	52	Uwe	
23:30	74°00.03	11°20.3	2946	2951	6.3	318									23:28 Sec from Alexander	
23:45	74°10.500	11°24.297	2966	2973	7.7	333						2850			Juwe	
24:00	74°11.854	11°28.890	3040	3045	8.4	299						3000			Uwe	
21.7 0:15	74°11.827	11°28.832	3038	3044	0.8	150						3040			Uli	
22.7 0:36												2900				0:05 Begin of us
1:15	74°11.760	11°27.559	3053	3063	1.1	153									Uli	
1:45	74°11.577	11°26.860	3079	3080	0.4	139						2950			Uli	
2:30	74°11.374	11°25.803	3080	3081	0.5	133									Uli	
2:47	74°11.222	11°25.387	3079	3080	0.6	140									Uli	
3:15	74°11.065	11°24.851	3077	3078	0.1	139						2850			Uli	
														53	Kate	
																4:37 Change Tape 52-753
																7:15 Station begin / end
																W-760 1:58.000
																12:15 End
12:15	74°08.64	11°21.46	2944	2942	7.3	266						2850				
12:30	74°08.43	11°30.58	2936	2941	8.9	263									Watasha	
12:45	74°08.15	11°38.52	2930	2936	9.0	260									"	
13:00	74°07.78	11°47.07	2910	2913	10.5	266									"	
13:15	74°05.34	11°44.21	2933	2939	11.3	151									"	
13:30	74°06.11	11°35.34	2942	2943	11.1	70									"	
13:45	74°07.11	11°26.99	2949	2953	11.0	69								54	"	
14:00	74°08.10	11°16.89	2961	2965	11.0	68.1									"	
14:15	74°09.47	11°08.21	2979	2983	10.9	57.7									Digit	
14:30	74°10.97	11°00.24	3002	3006	8.6	32.6									Dorfe	
14:45	74°13.18	11°05.84	2995	2996	11.2	32.4									Dorfe	
15:00	74°15.44	11°11.60	3066	3084	10.6	32.5						2950			"	
15:15	74°17.66	11°16.63	3056	3059	8.8	54.4									"	
15:30	74°19.11	11°08.70	3075	3077	8.9	133									"	
15:45	74°17.05	11°02.15	3139	3138	10.6	144						3050			"	
16:00	74°14.95	10°57.41	3022	3026	10.3	144						2950			"	
16:15	74°12.987	10°51.46	3026	3030	9.5	50									Kate	
16:30	74°14.697	10°44.265	3099	3055	8.7	32.5									"	
16:45	74°17.07	10°50.200	3052	3045	11.7	32.6									"	
17:00	74°19.47	10°55.649	3130	3136	11.5	32.6						3050			"	
17:15	74°21.821	10°59.544	3099	3103	9.3	85.1									"	
17:30	74°20.43	10°59.989	3160	3160	10.6	125									CS. 10.6	





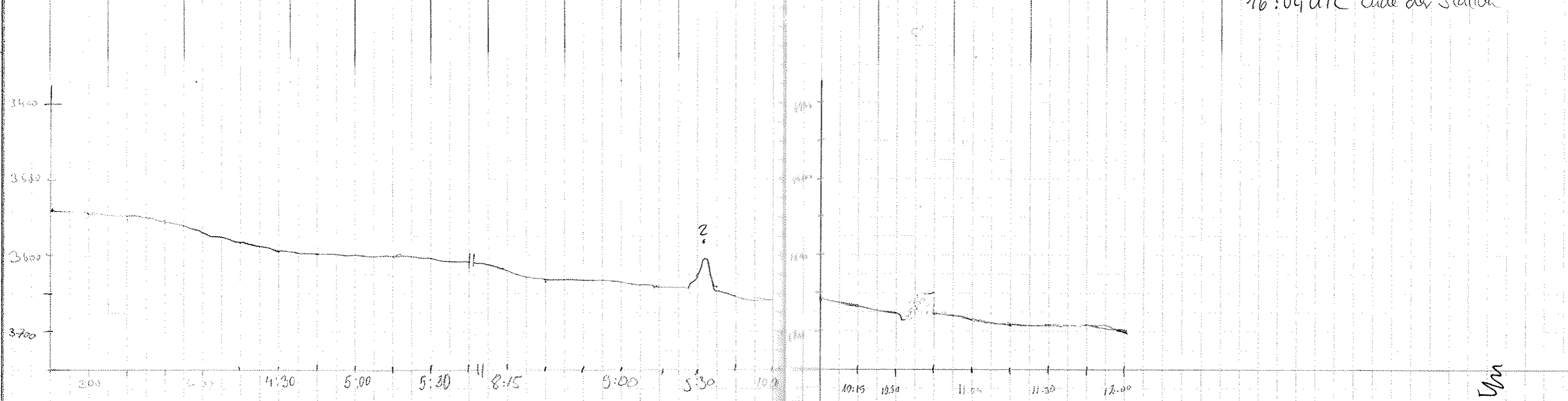
Date	Time	Latitude	Longitude	Temp (°C)	Temp (°F)	Speed (kts)	Course	Depth	Pulse	Rec. Length	...	...	...	...	...	...	...
21.07	17:45	74°18'864	10°44'234	3066	3067	10.6	127	40	2	266	0	3050	8	54	Ulan		
21.07	18:00	74°17'808	10°36'054	3091	3095	11.4	71.9				0	"	"	"	Ulan		
	18:15	74°18'824	10°26'074	3119	3124	11.5	69.9				"	"	"	"	Ulan	Tape 54 → 55 um 18:25	
	18:30	74°19'881	10°16'083	3141	3149	11.7	69.6				"	"	"	55	Ulan		
	18:45	74°21'730	10°08'494	3154	3160	11.7	32.2				"	"	"	"	Ulan		
	19:00	74°23'847	10°01'795	3162	3164	11.6	61.6				"	"	"	"	Ulan		
	19:15	74°24'999	9°52'207	3190	3195	11.5	67.1				"	3150	"	"	Ulan		
	19:30	74°26'238	9°42'317	3213	3220	11.7	65.7				"	"	"	"	Ulan	Reinhard H-H Vortrag missed	
	19:45	74°27'407	9°32'685	3224	3229	11.9	64.4				"	"	"	"	Ulan	" " " " . Jammed!	
	20:00	74°30'16	9°32'04	3288	3290	11.4	1.9				"	"	"	"	Jutta		
	20:15	74°32'89	9°31'58	3260	3265	11.1	?				"	3200	"	"	"		
	20:30	74°34'35	9°26'09	0	3315	9.0	68.1				"	"	"	"	"		
	20:45	74°34'98	9°17'01	3260	3261	8.7	77.7				"	"	"	"	"		
	21:00	74°35'35	9°10'41	3276	3280	8.6	71.6				"	"	"	"	"		
	21:15	74°35'94	9°02'96	3298	3299	8.7	72.3				"	"	"	"	"		
	21:30	74°36'99	8°54'71	3326	3328	9.3	74.1				"	"	"	"	"		
	21:45	74°37'29	8°45'84	3334	3336	9.0	72.3				"	"	"	"	"		
	22:00	74°37'856	8°38'411	3346	3350	8.4	76.3				"	"	"	"	uli		
	22:15	74°38'468	8°29'835	3368	3367	9.0	74.5				"	"	"	"	uli	22:20 Change Deso Pelle 8-9	
	22:30	74°39'032	8°21'846	3371	3374	9.0	74				"	"	"	"	uli		
	22:45	74°39'696	8°13'831	3385	3388	8.7	71				"	"	"	"	uli		
	23:00	74°40'176	8°05'837	3398	3403	8.7	77				"	"	"	"	uli	23:00 Change Tape 55 → 56	
	23:15	74°40'765	7°57'537	3413	3419	9.0	74				"	"	"	56	uli		
	23:30	74°41'306	7°49'922	3420	3425	8.5	74				"	"	"	"	uli		
	23:45	74°41'803	7°42'252	3428	3432	8.7	73.4				"	"	"	"	uli		
22.7	0:00	74°42'44	7°35'06	3438	3440	8.6	73.8				"	"	"	"	Jutta		
23.7	0:15	74°43'027	7°26'19	3447	3448	8.8	76.6				"	"	"	"	Jutta		
	0:30	74°43'587	7°17'06	3450	3461	8.6	76.2				"	"	"	"	Jutta		
	0:45	74°44'12	7°10'52	3465	3468	8.2	73.9				"	"	"	"	Jutta		
	1:00	74°44'7	7°02'66	3472	3473	8.8	78.1				"	"	"	"	Jutta		
	1:15	74°45'26	6°54'63	3477	3482	9.5	74.7				"	"	"	"	Jutta		
	1:30	74°45'96	6°45'63	3486	3493	9.6	74.1				"	"	"	"	Jutta		
	1:45	74°46'46	6°37'25	3507	3503	9.2	75.2				"	3450	"	"	Jutta		
	2:00	74°47'09	6°28'26	3523	3530	9.2	77.1				"	"	"	"	Jutta		
	2:15	74°47'69	6°20'28	3527	3522	9.3	77.4				"	"	"	"	Jutta		
	2:30	74°48'30	6°11'28	3529	3533	9.2	75.8				"	"	"	"	Jutta		
	2:45	74°48'88	6°05'67	3536	3543	9.1	73.0				"	"	"	"	Jutta		





Date	Time (UTC)	Latitude	Longitude	Depth (fms)	Temp (fms)	Speed (kts)	Course	Mag.	Pulse	Rec. Length	...	...	...	...	...	...
21.7	3:00	74°49.4	5°55.7	3546	3540	7.8	70.9	4.0	2	266	0	3450	9	56	Jens	
22.9	3:15	74°49.9	5°48.8	3550	3551	7.8	75.3								Jens	
	3:30	74°50.4	5°41.6	3558	3558	7.6	72.0								Jens	
	3:45	74°50.9	5°34.5	3563	3568	7.2	72.2							572	Jens	56 → 57
	4:00	74°51.45	5°27.30	3572	3575	7.8	75.7								Natasha	
	4:15	74°51.95	5°20.10	3578	3579	7.5	78								Natasha	
	4:30	74°52.25	5°10.96	3588	3590	7.6	77								"	
	4:45	74°53.00	5°05.10	3592	3596	7.8	75								"	
	5:00	74°53.45	4°58.81	3597	3602	8.0	75								"	
	5:15	74°53.97	4°51.33	3602	3603	8.3	73								"	
	5:30	74°54.44	4°44.79	3608	3611	7.8	73								"	
	5:45	74°54.84	4°38.65	3615	3617	3.3	86					3500			"	

STATION																
8:15	74°54'7.53	4°31'23.0	3619	3620	9.0	95									Christoph	
8:30	74°54'45.4	4°23'55.2	3628	3630	4.7	91									Christoph	
8:45	74°54'23.3	4°18'37.0	3632	3633	8.7	93									Christoph	
9:00	74°53'33.4	4°09'35.4	3639	3644	9.6	99									Christoph	
9:15	74°53'6.31	4°02'32.8	3645	3646	8.5	97									Christoph	
9:30	74°53'30.0	3°53'62.9	3623	3632	9.3	97									Christoph	
9:45	74°52'9.72	3°45'01.3	3657	3662	9.4	98									Christoph	
10:00	74°52.637	3°36.84	3662	3666	9.4	97									Kate	
10:15	74°52.287	3°27.173	3668	3671	9.5	99					3520		58		Kate	Tape 57 → 58 / 10:09
10:30	74°51.914	3°18.480	3673	3676	9.1	99									Kate	
10:45	74°51.571	3°10.019	3679	3677	9.1	94					3540				Kate	
11:00	74°51.144	3°01.384	3685	3683	8.9	97									Kate	
11:15	74°50.936	2°53.130	3689	3690	9.1	98									Kate	
11:30	74°50.578	2°44.615	3692	3696	8.9	98									Kate	
11:45	74°50.253	2°36.618	3694	3697	9.0	96									Kate	
12:00	74°49.992	2°29.907	3698	3702	2.4	100									Kate	
12:15	ST	ATI 0	N	3702	0.4										Ulan	Veränderung 1:50.000 Deso Wait 60
13:19	74°50.011	2°29.978	3698	3703	1.3						0	3600			Ulan	13:05 Ende Station 1:20.000 Wait 0
13:30	74°50.010	2°29.998	3698	3705	0.8						0	3600			Ulan	Wieder volle Fahrt
13:45	74°51.358	2°28.477	3701	3706	9.0	024						3600			Ulan	
14:00	ST	ATI 0	N		0.5										Ulan	16:04 UTC Ende der Station



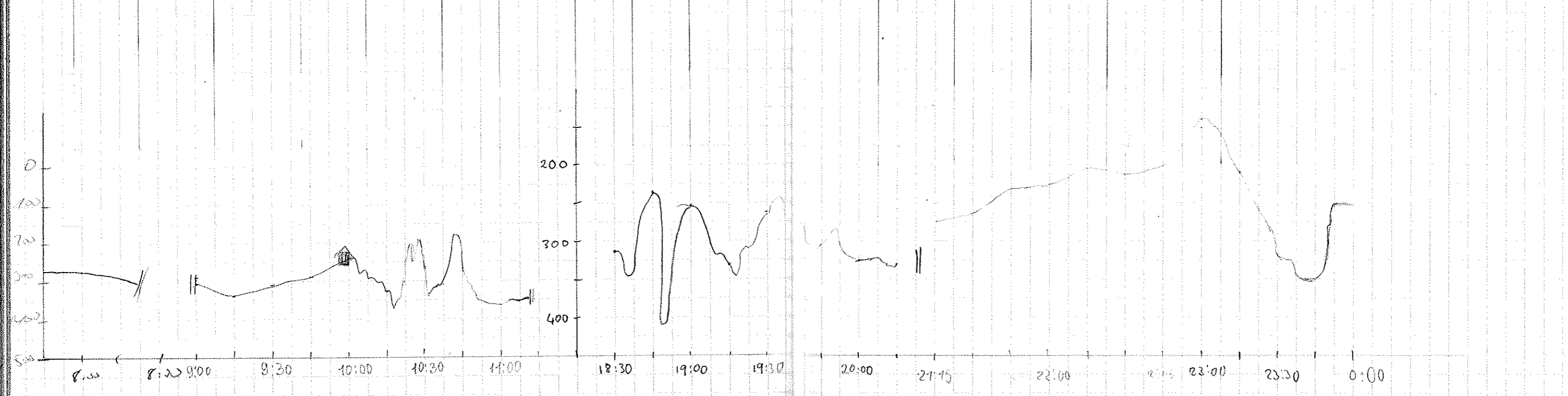
Ulan







Date	Time	Latitude	Longitude	Type	Depth	Speed	Course	Tide	Wave	Rec. Length	Wind	Current	Depth	Temp	Wet	Comments
25.7	8:00	79°02.34N	10°11.91E	272	272	9.8	68	40	2	266	0	150	9	62	David	
	8:15	79°01.51N	10°13.91E	295	294	7.7	67	4	4	60	0	60	4	6	David	
	9:00	79°02.164	10°29.405	308	312	1.2	53	40	2	u	0	u	u	u	Uwe	
	9:15	79°02.202	10°38.519	340	340	9.3	90.1	u	u	u	u	250	u	u	Uwe	
	9:30	79°02.177	10°50.679	318	319	9.7	89	u	u	u	u	u	u	u	Uwe	
	9:45	79°02.175	11°02.197	290	289	9.2	91	u	u	u	u	u	u	u	Uwe	
	10:00	79°01.56	11°15.19	262	261	9.3	104	u	u	u	u	200	u	u	Natasha	10:04 Tape 62 → 63
	10:15	79°00.89	11°24.13	324	325	9.5	107	u	u	u	u	250	u	63	"	
	10:30	78°59.66	11°38.50	267	269	9.5	121	u	u	u	u	150	u	u	"	
	10:45	78°58.42	11°49.18	270	268	10.5	126	u	u	u	u	u	u	u	"	
	11:00	78°57.12	11°56.94	352	355	4.2	120	u	u	u	u	200	u	u	"	
		STATION														
	18:30	78°56.893	11°56.728	318	317	9.6	0.2	u	u	u	u	200	10	u	Ulan	11:09 Station W60, 1:50000 Tape off, On-line off
	18:45	78°58.608	11°47.682	232	236	9.3	303	u	u	u	u	150	u	u	Ulan	DEJO 9 → 10, End Station
	19:00	78°59.785	11°37.482	252	254	9.4	301	u	u	u	u	250	u	64	Ulan	Tape 63 → 64 um 18:50
	19:15	79°00.732	11°26.605	329	329	9.4	275	u	u	u	u	300	u	u	Ulan	
	19:30	79°01.419	11°15.458	261	264	9.5	274	u	u	u	u	200	u	u	Ulan	
	19:45	79°01.579	11°03'013	303	303	9.5	272	u	u	u	u	200	u	u	Christoph	
	20:00	79°01.763	10°50'257	324	324	9.5	274	u	u	u	u	u	u	u	Christoph	
	20:15	79°01.951	10°38'385	327	330	8.0	289	u	u	u	u	u	u	u	Christoph	
		STATION														
	21:15	79°00.4	10°12.8	275	275	9.6	230	u	u	u	u	u	10	65	Jy	W 60 1:50000 20:25 END 20:55 W 60 1:20000 64 → 65
	21:30	78°58.25	10°05.62	260	260	9.4	228	u	u	u	u	u	u	u	Jy	
	21:45	78°57.25	9°58.99	230	230	9.5	232	u	u	u	u	u	u	u	Jy	
	22:00	78°55.787	9°49.446	225	224	9.3	237	u	u	u	u	u	u	u	Jy	
	22:15	78°54.288	9°39.782	205	204	9.5	237	u	u	u	u	150	u	u	Jy	
	22:30	78°57.780	9°29.967	216	215	9.4	231	u	u	u	u	u	u	u	Jy	
	22:45	78°50.838	9°24.947	202	202	9.7	178	u	u	u	u	u	u	u	Jy	
	23:00	78°48.392	9°24.383	138	138	9.8	181	u	u	u	u	700	u	66	Jy	22:50 Change Tape 65 → 66
	23:15	78°45.936	9°24.999	216	214	9.9	185	u	u	u	u	u	u	u	Jy	
	23:30	78°43.435	9°24.587	322	321	9.9	180	u	u	u	u	200	u	u	Jy	
	23:45	78°40.88	9°24.55	340	341	9.9	180	u	u	u	u	200	10	66	Jy	
	0:00	78°38.61	9°25.05	251	270	9.8	181	u	u	u	u	u	u	u	Jy	





Date	Time	Latitude	Longitude	Type	Temp	Speed	Course	Tide	Pulse	Rec	Wind	Height	Depth	Water	Comment
26.7.	0:20	78°35.10	9°24.58	L00	408	9.4	180	40	2	266	0	200	10	66	Jutta
27.7.	0:30	78°33.56	9°24.98	431	431	9.7	181	"	"	"	"	300	"	67	"
	0:45	78°31.11	9°24.97	466	466	9.6	180	"	"	"	"	400	"	"	"
				Station								400	"	"	"
	1:10	78°25.37	9°24.74	510	510	9.4	161	"	"	"	"	"	"	"	"
	1:45	78°27.24	9°27.45	531	531	9.8	170	"	"	"	"	"	"	"	"
	2:04	78°24.74	9°30.14	0	577	9.9	171	"	"	"	"	"	"	"	"
	2:15	78°22.37	9°31.65	560	562	10.0	170	"	"	"	"	"	"	"	"
	2:30	78°19.98	9°33.77	325	335	9.7	170	"	"	"	"	"	"	"	"
	2:45	78°17.49	9°35.33	325	325	9.8	170	"	"	"	"	200	"	"	"
	3:06	78°13.98	9°38.93	329	328	9.8	169	"	"	"	"	"	"	68	"
	3:15	78°12.61	9°40.11	318	319	9.8	169	"	"	"	"	"	"	"	"
	3:30	78°10.23	9°42.10	303	304	9.8	170	"	"	"	"	150	"	"	"
	3:45	78°07.76	9°44.27	203	204	9.8	171	"	"	"	"	"	"	"	"
	4:00	78°05.23	9°46.32	166	165	9.7	170	"	"	"	"	100	"	"	"
	4:15	78°03.07	9°48.22	184	184	9.6	170	"	"	"	"	4	"	"	Donut
	4:30	78°00.51	9°50.38	178	177	9.7	168	"	"	"	"	4	"	"	Donut
	4:45	77°58.08	9°52.41	170	182	9.8	171	"	"	"	"	4	"	"	Donut
	5:00	77°55.73	9°54.38	193	192	9.7	169	"	"	"	"	4	"	69	Donut
	5:15	77°53.35	9°56.37	240	240	9.6	170	"	"	"	"	4	"	69	Donut
	5:30	77°50.98	9°58.37	331	331	9.5	171	"	"	"	"	250	"	69	Donut
	5:45	77°48.84	10°00.89	449	449	6.5	133	"	"	"	"	400	"	"	Donut
	6:30	77°49.33	9°58.52	485	471	4.9	288	"	"	"	"	4	"	"	Donut
	6:45	77°48.01	9°50.37	826	820	9.8	240	"	"	"	"	700	"	"	Donut
	7:00	77°46.81	9°48.03	1043	1047	6.1	284	"	"	"	"	900	"	"	Donut
	8:00	77°46.9	9°43.6	1016	1018	8.2	111.5	"	"	"	"	1000	"	70	J
	8:15	77°46.11	9°53.08	919	924	8.7	111	"	"	"	"	850	"	"	Natasha
	8:30	77°45.39	10°02.468	786	789	8.8	110	"	"	"	"	750	"	"	Uwe
	8:45	77°44.551	10°11.500	651	654	8.8	119	"	"	"	"	600	"	"	Uwe
	9:00	77°43.49	10°20.49	525	526	8.6	113	"	"	"	"	500	"	"	Natasha
	9:15	77°42.62	10°29.96	478	481	8.9	113	"	"	"	"	450	"	"	Natasha
	9:30	77°41.74	10°39.82	331	330	9.4	111	"	"	"	"	300	"	"	Natasha
	9:45	77°40.81	10°50.10	331	329	9.3	111	"	"	"	"	250	"	"	Natasha
	10:00	77°39.972	10°59.557	318	317	9.3	113	"	"	"	"	250	"	"	Kale
	10:15	77°38.992	11°10.553	321	320	9.5	113	"	"	"	"	"	"	"	"
	10:30	77°38.136	11°20.148	290	291	9.5	113	"	"	"	"	"	"	"	"
	10:45	77°37.122	11°30.635	245	244	6.4	112	"	"	"	"	150	"	"	"
				Station											Kale

Tapwechsel 66 → 67 0:31  
 Station 0:56 UTC  
 1:50.000 W → 60  
 End 1:23 UTC  
 1:20.000 W → 60

Tapwechsel 67 → 68 2:58 UTC

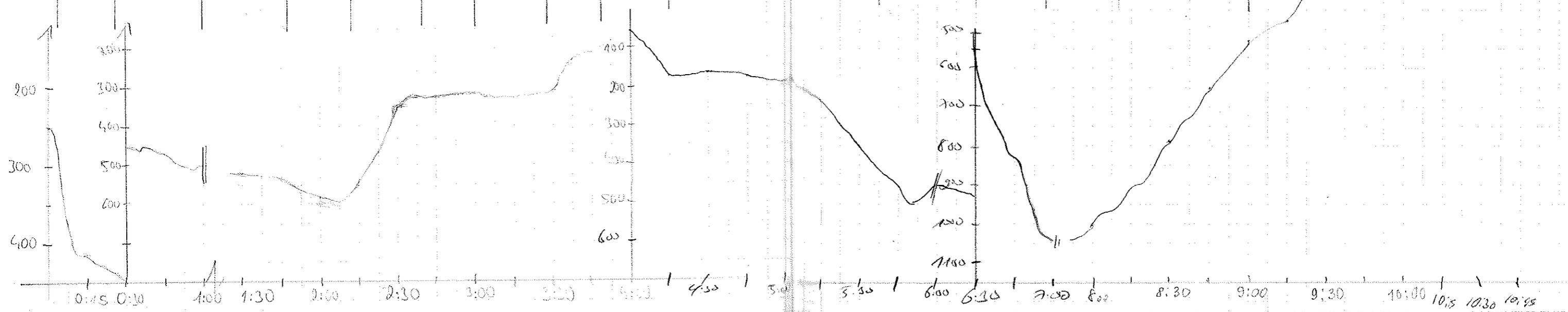
Tapwechsel 68 → 69 4:40 UTC

5:56 Station CTD, Lat 60, 1:50000  
 6:27 Ende CTD, Lat 60, 1:20000

7:02 Station AIC Lat 60, 1:50000  
 7:46 Station Scondet W 1:20000

Tapwechsel 69 → 70

Station begin 10:50/W60/1:50000  
 end 11:25/W60/1:20000

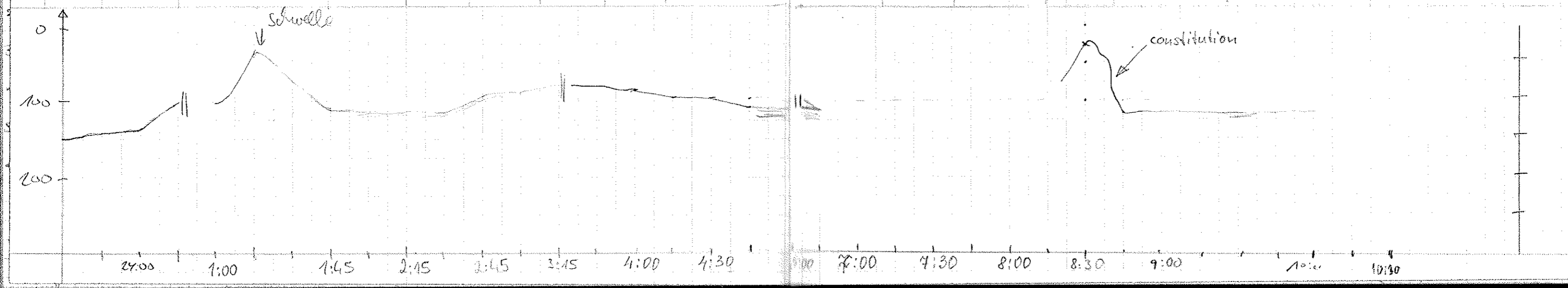






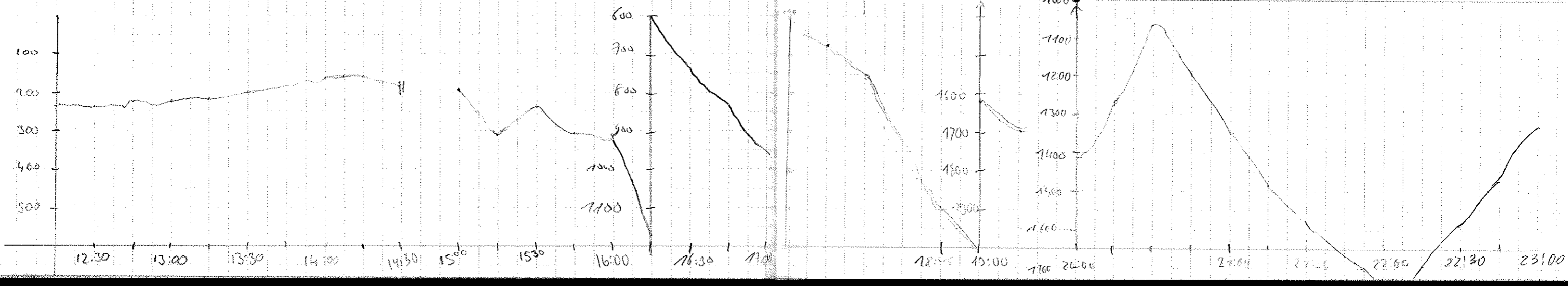


Date	Time	Latitude	Longitude	Type	Time	Depth	Course	Trawl	Pulse	Rec. Length	Wind	Direction	Speed	Temp	Water	Comment		
27	23:45	77°29.95	14°09.79	145	145	9.2	50	40	2	266	0		100	10	74	Depth	23:28 Tape 73 → 74	
27	24:00	77°41.56	14°17.81	142	142	8.5	47.6	"	"	"	"	"	"	"	"	"	Station 0:18 UTC	
28.7	0:15	77°42.97	14°24.87	102	102	4.5	41.0	"	"	"	"	"	"	"	"	"	W → 60 1:50.000	
	1:00	77°43.40	14°23.33	98	102	7.3	4.9	"	"	"	"	"	"	"	"	"	end 0:56 UTC 1:10.000	
	1:15	77°44.57	14°23.35	90	31	7.5	47.1	"	"	"	"	"	"	"	"	"	74 → 75 Tapedredel 1:40 UTC	
	1:45	77°45.40	14°46.73	109	108	8.4	80	"	"	"	"	"	"	"	"	"	Tapedredel 3:14 UTC	
	2:00	77°46.06	14°55.97	108	113	9.1	70	"	"	"	"	"	"	"	"	"	75 → 76	
	2:15	77°46.86	15°06.05	73	110	9.1	73	"	"	"	"	"	80	"	75	"		
	2:30	77°47.18	15°12.76	122	110	9.4	87	"	"	"	"	"	"	"	75	"		
	2:45	77°47.62	15°2°75	95	95	9.7	79	"	"	"	"	"	"	"	"	"		
	3:00	77°48.11	15°40.19	90	92	9.6	79	"	"	"	"	"	4	"	76	"		
	3:15	77°48.524	15°50'160	74	79	6.8	80	"	"	"	"	"	60	"	76	"		
	3:30																	
	4:00	77°48.43	15°49.92	78	79	8.1	258	"	"	"	"	"	40	"	"	Natalia	Station 3:21 UTC	
	4:15	77°48.01	15°40.21	90	91	8.8	256	"	"	"	"	"	"	"	"	Natalia	W → 60 1:50.000	
	4:30	77°47.52	15°30.36	94	99	8.4	256	"	"	"	"	"	"	"	"	Nata	Dredredel	
	4:45	77°47.02	15°20.66	110	117	8.5	256	"	"	"	"	"	"	"	"	Nata	4:00 end; W → 0, 1:20.000	
	5:00	77°46.53	15°10.70	110	114	9.2	256	"	"	"	"	"	100	"	"	Nata		
	5:15																Nata	5:12 Station W → 60; 1:50.000
	6:45	77°45.81	14°56.75	111	114	9.0	260	"	"	"	"	"	60	"	"	Nata	6:33 Station end W → 0, 1:20.000	
	7:00	77°45.52	14°49.16	111	115	8.3	261	"	"	"	"	"	"	"	77	Nata	6:55 Tape 76 → 77	
	7:15	77°45.46	14°45.94	110	111	0.8	64	"	"	"	"	"	"	"	"	Nata		
	7:30	77°45.40	14°46.50	109	108	0.7	189	"	"	"	"	"	"	"	"	Nata		
	7:45	77°45.36	14°47.13	110	108	0.7	112	"	"	"	"	"	"	"	"	Nata		
	8:00										60							Waiting for high tide
	8:18	77°44.946	14°10.710	78	72	8.6	267	"	"	"	60	"	60	"	77	Ulan	8:10 fahst aufgeraimen	
	8:30	77°44.886	14°31.863	26	27	10.5	232	"	"	"	"	20	17	77	Ulan	depth range < 500, window 0-200		
	8:45	77°42.851	14°20.209	113	115	13.9	230	"	"	"	"	50	"	"	"	Ulan	Tape 77 → 78 um 8:50	
	9:00	77°40.752	14°06.804	128	129	14.2	236	"	"	"	"	50	"	78	Ulan			
	9:15	77°38.899	13°52.592	137	138	14.7	240	"	"	"	"	"	"	"	"	Ulan		
	10:00	77°33.98	13°11.502	144	144	14.5	237	"	"	"	"	"	"	"	"	"		
	10:15	77°31.12	12°52.8	236	238	14.7	236	"	"	"	"	"	"	"	"	"		
	10:30	77°30.17	11°57.81	169	169	1.2	183	"	"	"	"	"	"	"	"	"		
	11:45	77°27.931	12°48.146	238	238	7.3	186	"	"	"	0	160	11	78	"		MRS CHAVE FEVER DUS	
	12:00	77°25.583	12°47.881	244	246	9.7	175	"	"	"	"	160	"	"	"	"	D R I F T	



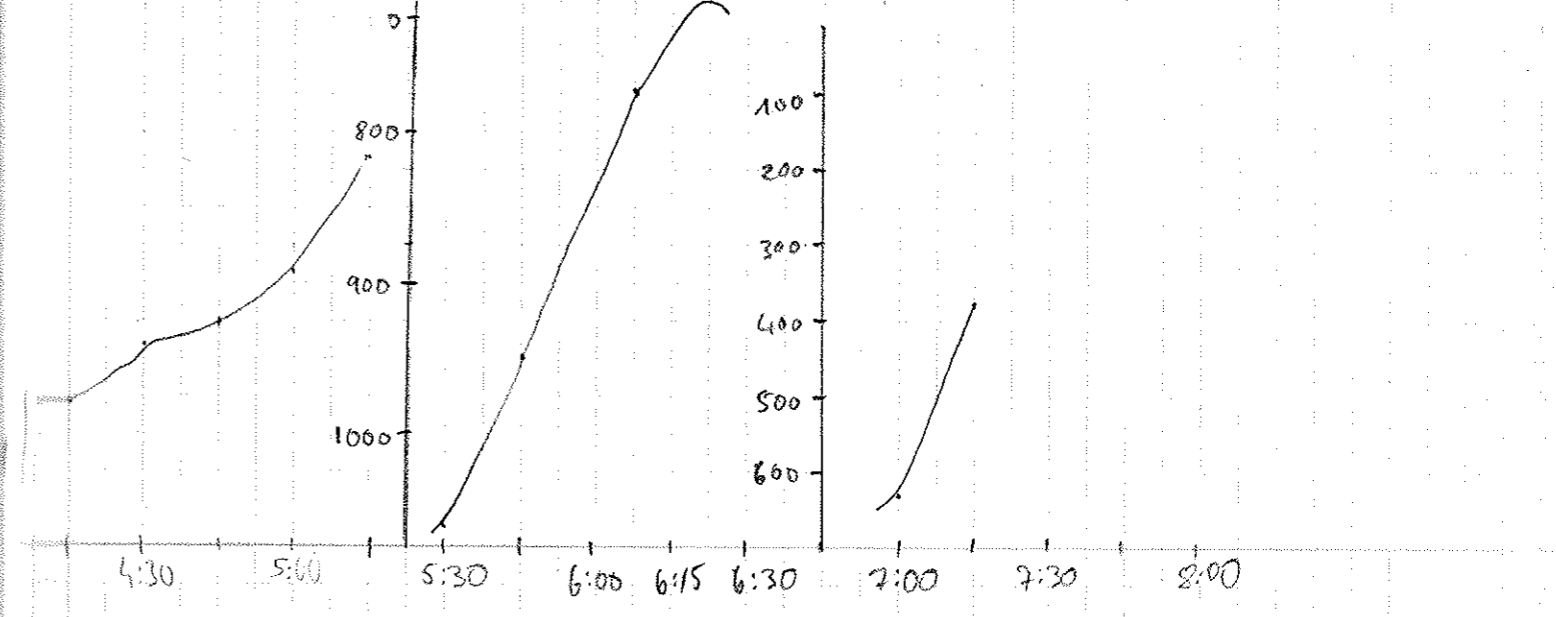
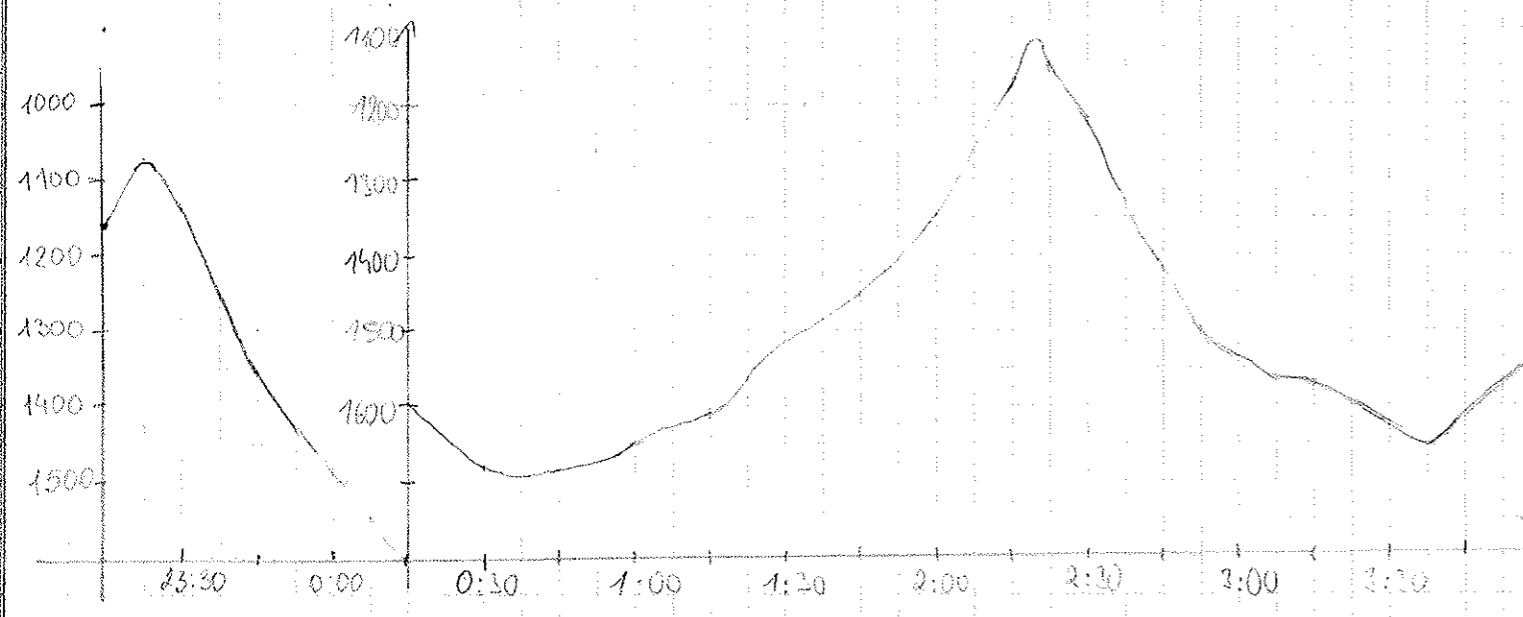


Date	Time	Latitude	Longitude	Temp (PS)	Temp (HS)	Wind	Course	Speed	Pulse	Rec. Length	Val	Depth	Depth	Temp	Watch	Comment
27.07	12:15	77°23.162	12°48.572	234	236	10.0	176	40	2	266	0	160	11	78	Christoph	
28.07	12:30	77°20.724	12°49.779	242	243	9.9	176	"	"	"	"	"	"	79	Christoph	TAPE WECHSEL 78 → 79 12:21
	12:45	77°18.229	12°49.587	228	229	9.7	175	"	"	"	"	"	"	"	Christoph	
	13:00	77°15.984	12°50.764	224	225	6.8	175	"	"	"	"	"	"	"	Christoph	
	13:15	77°13.618	12°51.419	213	215	9.7	175	"	"	"	"	"	"	"	Christoph	
	13:30	77°11.274	12°52.255	197	197	9.7	175	"	"	"	"	"	"	"	Christoph	
	13:45	77°08.746	12°52.932	190	191	9.8	177	"	"	"	"	"	"	"	Christoph	
	14:00	77°06.434	12°53.618	161	160	9.9	176	"	"	"	"	120	"	"	Christoph	
	14:15	77°03.833	12°54.31	156	158	10	176	"	"	"	"	"	"	"	Dorte	
	14:30	77°02.16	12°54.42	195	194	2.0	140	"	"	"	"	"	"	"	Dorte	
		Station														
	15:00	77°01.50	12°52.50	198	199	9.2	171	"	"	"	"	"	"	"	Dorte	1435 Station begin W=60 1:50000
	15:15	76°59.10	12°54.16	311	310	9.7	170	"	"	"	"	240	"	"	Dorte	1454 Station end W=700 1:20000
	15:30	76°56.57	12°56.21	247	238	9.3	180	"	"	"	"	200	"	80	Dorte	Tape changed 79 → 80 15:17
	15:45	76°54.03	12°56.64	301	294	9.8	174	"	"	"	"	"	"	80	Dorte	
	16:00	76°51.90	12°57.40	321	327	9.5	175	"	"	"	"	"	"	80	Dorte	
	16:15	76°49.55	12°58.14	585	587	9.4	176	"	"	"	"	440	"	"	Dorte	Made 4 Mouse
	16:30	76°47.25	12°58.88	729	729	9.4	176	"	"	"	"	600	"	"	Dorte	
	16:45	76°44.85	12°59.63	820	814	9.8	175	"	"	"	"	800	"	"	Dorte	
	17:00	76°42.43	12°00.41	958	953	9.7	175	"	"	"	"	910	"	"	Dorte	
	18:00	76°41.2	12°58.8	1082	1092	3.6	252	"	"	"	"	930	"	"	Dorte	
	18:15	76°39.9	12°52.2	1139	1263	8.2	243	"	"	"	"	1200	"	"	Dorte	
	18:45	76°37.8	12°56.1	1138	1516	8.6	242	"	"	"	"	1350	"	"	Dorte	
	19:00	76°36.83	12°28.75	1139	1615	8.4	243	"	"	"	"	1500	"	"	Dorte	
	19:15	76°35.4	12°26.3	0	1638	9.4	152	"	"	"	"	1700	"	"	Dorte	
	19:30	76°35.1	12°32.02	0	1760	8.5	57	"	"	"	"	"	"	80	Dorte	RESTORE 80-87
	20:00	76°37.689	12°48.162	1139	1442	8.7	56.3	"	"	"	"	1300	"	"	uli	
	20:15	76°38.830	12°55.636	0	1272	8.6	55.6	"	"	"	"	1050	"	"	uli	
	20:30	76°40.006	13°03.871	0	1072	8.3	147	"	"	"	"	"	"	"	uli	
	20:45	76°38.800	13°02.939	0	1170	8.3	228	"	"	"	"	"	"	"	uli	
	21:00	76°37.293	12°55.741	1139	1350	9.2	229	"	"	"	"	1300	"	"	uli	
	21:15	76°35.960	12°48.958	1139	1485	8.7	230	"	"	"	"	1450	"	"	uli	
	21:30	76°34.680	12°42.420	1139	1511	8.5	231	"	"	"	"	1500	"	"	uli	
	21:53	76°32.324	12°33.732	1139	1743	3.7	144	"	"	"	"	1650	"	"	uli	
	22:00	76°31.50	12°35.78	1138	1749	9.4	147	"	"	"	"	"	"	"	Natalia	
	22:15	76°32.24	12°41.88	1139	1661	7.9	32	"	"	"	"	1550	"	"	Nata	
	22:30	76°33.52	12°47.88	1139	1577	8.3	40	"	"	"	"	1450	"	"	Nata	
	22:45	76°35.04	12°54.42	"	1471	8.3	44	"	"	"	"	1350	"	"	Nata	
	23:00	76°36.45	13°00.46	1137	1341	8.3	44	"	"	"	"	1250	"	"	Nata	





2	Date	Time	Latitude	Longitude	Temp (ps)	Temp (ft)	Speed	Course	Tide	Tide	Rec. Length	Wind	Wind Speed	Wind Dir	Wave	Wave	Comment	
27.07	23:15	76°37.29	13°06.70	0	1159	7.8	44	40	2	266	0	1000	11	81	Natalia			
28.07	23:30	76°37.13	13°07.70	0	1140	7.9	231	"	"	"	"	"	"	"	Nata			
	23:45	76°35.35	13°03.35	1063	1348	8.7	219	"	"	"	"	1200	"	"	Nata			
28.07	0:00	76°33.56	12°56.87	1138	1506	8.7	222	"	"	"	"	1400	"	"	Jutta		81 → 82 Taperwedrel 0:30 UTC	
2502	0:15	76°31.94	12°51.98	0	1602	8.5	222	"	"	"	"	"	"	"	"	"		
	0:30	76°30.0	12°43.94	1584	1685	8.6	215	"	"	"	"	1600	"	82	"	"		
	0:45	76°28.43	12°45.14	1588	1675	9.0	151	"	"	"	"	"	"	"	Jutta			
	1:00	76°28.66	12°45.4	1590	1646	7.5	41.0	"	"	"	"	"	"	"	"	"		
	1:15	76°30.26	12°54.35	1129	1617	7.2	33.5	"	"	"	"	1450	"	"	"	"		
	1:32	76°32.04	12°55.61	1140	1504	7.1	34	"	"	"	"	1450	"	"	Jutta			
	1:45	76°33.25	13°03.23	1137	1453	7.1	36	"	"	"	"	1300	"	"	"	"		
	2:00	76°34.7	13°07.63	1143	1334	7.1	34	"	"	"	"	1150	"	"	"	"		
	2:15	76°36.13	13°11.78	1137	1176	7.6	35	"	"	"	"	1000	"	"	"	"		
	2:30	76°35.1	13°16.12	837	1224	8.8	210.6	"	"	"	"	"	"	"	"	"		
	2:45	76°33.03	13°08.81	988	1405	9.2	209	"	"	"	"	1400	"	"	"	"		
	3:00	76°30.6	13°02.95	1139	1534	8.5	212	"	"	"	"	"	"	"	"	"		
	3:15	76°29.13	12°55	1137	1574	8.8	211	"	"	"	"	1700	"	"	Jutta			
	3:30	76°26.88	12°53.45	1137	1620	9.2	211	"	"	"	"	"	"	"	"	"		
	3:45	76°25.25	12°53.22	1138	1597	9.0	148	"	"	"	"	1500	"	"	"	"		
	4:00	76°25.05	12°57.15	1138	1573	6.7	25.8	"	"	"	"	"	"	"	Ulan			
	4:15	76°26.833	13°01.080	1139	1561	7.5	27.4	40	2	266	0	1450	11	82	Ulan			
	4:30	76°28.402	13°04.467	1139	1528	7.2	24.4	"	"	"	"	"	"	"	Ulan			
	4:45	76°30.114	13°08.092	1137	1490	7.6	23.8	"	"	"	"	"	"	"	Ulan			
	5:00	76°31.737	13°11.498	1139	1431	7.7	31.1	"	"	"	"	1350	"	"	Ulan			
	5:15	76°33.794	13°15.902	1137	1285	7.2	27.0	"	"	"	"	"	"	"	Ulan		Tape 82 → 83 05:15	
	5:30	76°35.139	13°18.380	11650	1170	6.5	14.5	"	"	"	"	1100	"	83	Ulan			
	5:45	76°36.828	13°19.804	<del>1137</del>	951	6.9	9.4	"	"	"	"	850	"	"	Ulan			
	6:00	76°38.411	13°21.115	777	776	6.7	9.3	"	"	"	"	700	"	"	Ulan			
	6:15	76°39.850	13°22.545	0	640	1.8	19.9	"	"	"	"	550	"	"	Ulan		STATION Begin 6:19 Wait 60/1:50.000	
	6:30	S T A T I O N			C T D										Ulan			
	6:45														"			
	7:00														"		Station Ende 7:02 Wait 0/1:20.000	
	7:15	76°41.036	13°26.661	374	377	8.1	40	"	"	"	"	250	"	"	Ulan			
	7:30	S T A T I O N			C T D													Station Begin
	7:45																	
	8:00	76°41.755	13°30.265	249	249	3.9	196	"	"	"	"	150	"	"	Christoph		Station Ende 7:57 W/O 1:20.000	





Date	Time	Latitude	Longitude	Type	Type	Speed	Course	Tide	Phase	Roc	Wind	Direction	Force	Wave	Comment	
28.07	8:15	76°42.015	13°37.783	230	228	9.6	79	40	2	266	0	150	11	83	Christoph	
28.07	8:30	76°42.455	13°47.668	205	206	9.5	77	"	"	"	"	"	"	"	Christoph	
	8:45	76°43.040	13°57.505	174	174	9.4	71	"	"	"	"	"	"	"	Christoph	
	9:00	76°43.615	14°06.573	164	164	9.2	70	"	"	"	"	100	"	"	Christoph	
	9:15	76°44.338	14°16.072	124	118	9.0	69	"	"	"	"	"	"	"	Christoph	
	9:30	76°45.056	14°25.648	147	77	8.8	63	"	"	"	"	"	"	"	Christoph	
	9:45	76°45.606	14°34.936	85	83	9.1	78	"	"	"	"	40	"	"	Christoph	
	10:00	76°46.334	14°41.727	142	141	8.1	350	"	"	"	"	"	"	"	Kale	
	10:15	76°48.885	14°42.019	147	156	8.9	1.0	"	"	"	"	"	"	84	Kale	
	10:30															Station
	11:00	76°50.787	14°49.920	150	150	8.6	7.8	"	"	"	"	"	"	"	"	Kale
	11:15	76°52.99	14°41.068	155	155	8.9	7.9	"	"	"	"	"	"	"	"	Kale
	11:30	76°55.08	14°43.174	154	154	9.0	64	40	2	266	0	40	11	84	Kale	
	11:45	76°56.214	14°51.382	149	149	9.6	63	"	"	"	"	"	"	"	"	
	12:00	76°57.253	15°00.316	136	136	9.5	63	"	"	"	"	"	"	"	"	illi
	12:30	76°57.213	15°02.180	119	121	7.5	250	"	"	"	"	"	"	"	"	illi
	12:45	76°56.320	14°53.134	160	158	9.1	244	"	"	"	"	"	"	85	illi	
	13:00	76°55.264	14°44.183	156	155	9.7	244	"	"	"	"	"	"	"	illi	
	13:15	76°53.357	14°47.881	150	150	9.4	180	"	"	"	"	"	"	"	illi	
	13:30	76°51.017	14°47.937	146	146	9.3	181	"	"	"	"	"	"	"	illi	
	13:45	76°48.726	14°41.959	147	147	8.8	179	"	"	"	"	"	"	"	illi	
	14:00	76°46.485	14°41.950	153	152	9.2	180	"	"	"	"	"	"	"	illi	
	14:15	76°44.53	14°46.41	218	218	9.2	142	"	"	"	"	"	"	"	Dorte	
	14:30	76°42.65	14°51.84	218	215	9	146	"	"	"	"	"	"	86	Dorte	
	14:45	76°40.76	14°57.48	250	250	9.4	145	"	"	"	"	120	"	"	Dorte	
	15:00	76°38.77	15°03.24	109	108	9.4	146	"	"	"	"	80	"	"	Dorte	
	15:15	76°36.79	15°08.98	74	72	9.9	147	"	"	"	"	40	"	"	Dorte	
	15:30	76°34.82	15°11.67	91	88	9.5	"	"	"	"	"	"	"	"	Dorte	
	16:00	76°33.65	15°14.5	117	108	8.9	228	"	"	"	"	"	"	"	Ju	
	16:15	76°32.12	15°08.54	192	202	9.1	233	"	"	"	"	"	"	"	Ju	
	16:32	76°30.4	14°56.8	212	210	9.3	233	"	"	"	"	"	"	87	Ju	
	16:49	76°29.3	14°50.52	212	210	9.6	233	"	"	"	"	"	"	"	Ju	
	17:00	76°28.63	14°44.8	212	212	9.2	234	"	"	"	"	"	"	"	Ju	
	17:30													88	Ju	
	18:00	76°28.97	14°35.87	422	432	2.0	340	"	"	"	"	400	"	"	Dort	
	18:15	76°28.80	14°30.69	206	205	8.7	215	"	"	"	"	580	"	"	Dort	

Tape 83 → 84 10:11  
 Station Begn 10:28 / W60 / 1:50000  
 End 10:47 / W60 / 1:20000

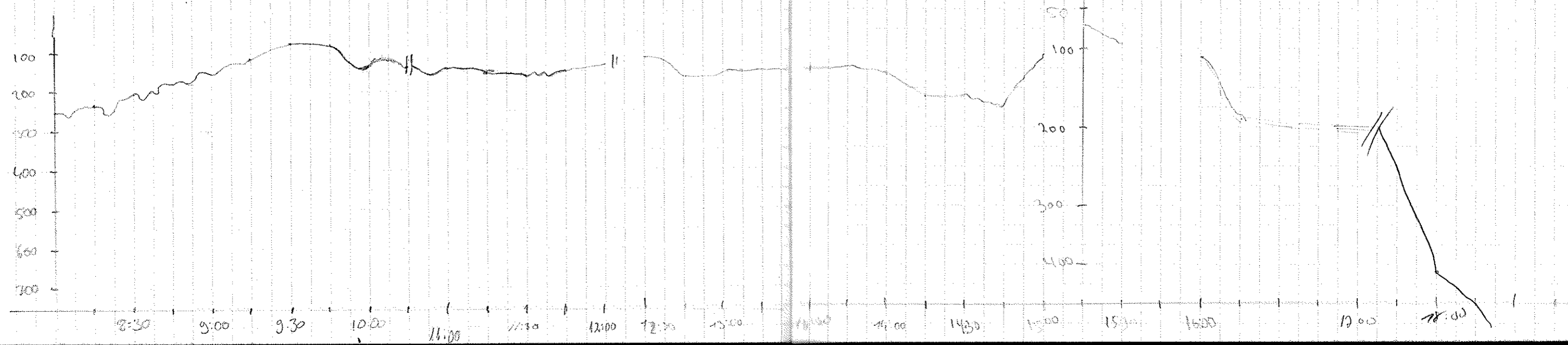
12:05 Station  
 12:25 wait for light's  
 12:32 Change Tape 84 → 85

14:18 Tape changed 85 → 86

Station 15:40 W → 60.0 1:50000  
 Station end 15:55 W → 70 1:20000

86 → 87

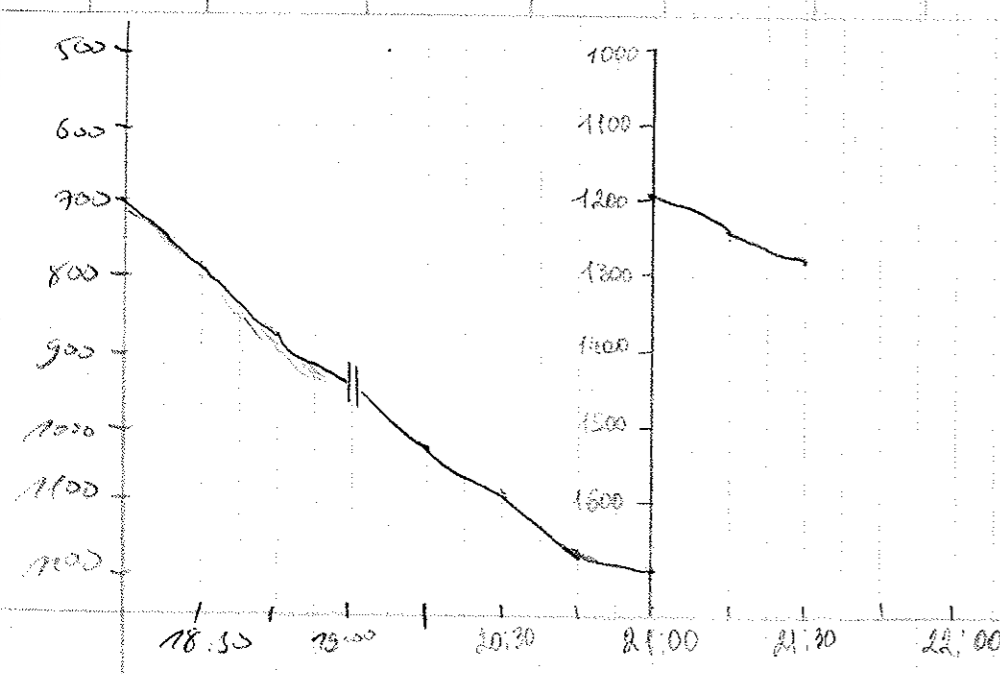
W 60 1:50000 87 → 88  
 DISBURSE 12:40 1/2  
 NEW 74





Date	Time	Latitude	Longitude	Type	Depth	Course	Temp	Sal	Rec. Length	Wind	Wind Dir	Drift	Drift Dir	Water	Comment
28.7	18:30	76°24.55	140°23.06	778	779	9.4	233	50	266	0	740	11	88	Deut	
	18:45	76°23.21	140°15.10	854	853	9.0	234	"	"	"	"	"	"	Deut	
	19:00	76°21.98	140°07.74	927	926	8.6	236	"	"	"	800	"	"	Deut	
	19:15	76°20.69	140°00.15	985	984	8.7	200	"	"	"	"	"	"	Deut	19:20 Start Log 80, 1:5000
	20:15	76°20.63	13°56.04	1030	1031	7.1	339	"	"	"	"	"	"	Natalia	20:15 end wait 20, 1:20000
	20:30	76°22.38	13°51.17	1082	1083	8.9	324	"	"	"	1000	"	"	Nata	
	20:45	76°24.56	13°44.61	989	1162	8.6	342	"	"	"	"	"	"	Nata	
	21:00	76°26.01	13°42.73	990	1195	8.6	346	"	"	"	1150	"	"	Nata	
	21:15	76°27.89	13°39.46	1140	1240	7.9	317	"	"	"	"	"	"	Nata	
	21:30	76°29.30	13°33.91	1139	1280	7.8	316	"	"	"	"	"	"	Nata	
	21:45	76°30.84	13°28.05	1138	1284	7.4	324	"	"	"	"	"	"	Nata	
	22:45	76°37.440	13°11.745	<del>1039</del>	1077	7.8	343	"	"	"	"	"	89	Ulan	88 → 89 at 22:45
	23:00	76°39.097	13°10.581	0	964	7.8	352	"	"	"	800	"	"	Ulan	
	23:15	76°41.235	13°09.146	0	842	8.2	350	"	"	"	"	"	"	Ulan	
	23:30	76°43.507	13°07.625	747	749	8.6	349	"	"	"	700	"	"	Ulan	End of Tape 29 0:8 29.7.

12





Ark XVI/2



Date	Time	Latitude (N)	Longitude (E)	Temp	Wind	Dir	Speed	Wave	Height	Direction	Other	Notes				
30.7.00	20:45	78°02,938	11°49,640	261	261	7,5	290	40	2	266	0	150	1	1	Ulan	
	21:00	78°03,787	11°39,519	256	256	9,4	292	"	"	"	"	"	"	"	Ulan	
	21:15	78°04,647	11°29,131	261	264	9,7	292	"	"	"	"	"	"	"	Ulan	
	21:30	78°05,534	11°18,286	250	250	9,4	292	"	"	"	"	"	"	"	Ulan	
	21:45	78°06,464	11°07,140	227	228	9,3	291	"	"	"	"	"	"	"	Ulan	
	22:00	78°07,365	10°56,289	225	225	9,5	292	"	"	"	"	"	"	"	Ulan	
	22:17	78°08,393	10°44,001	250	250	9,7	292	"	"	"	"	"	"	"	Ulan	
	22:30	78°09,145	10°34,633	256	251	9,9	292	"	"	"	"	"	"	"	Uli	
	22:45	78°10,066	10°23,451	255	265	9,9	292	"	"	"	"	"	"	"	Uli	
	23:00	78°10,975	10°12,540	267	260	9,7	291	"	"	"	"	"	"	"	Uli	
	23:15	78°11,905	10°01,014	300	302	10,0	290	"	"	"	"	"	"	"	Christoph	
	23:30	78°13,869	9°56,050	319	317	10,2	334	"	"	"	"	200	"	"	Christoph	
	23:45	78°16,002	9°51,624	309	307	8,6	339	"	"	"	"	"	"	"	Christoph	
	31.07.00	00:00	78°17,939	9°47,630	313	313	8,2	338	"	"	"	"	180	"	"	"
		0:15	78°19,919	9°43,31 E	316	317	8,9	335	"	"	"	"	"	"	"	"
		0:30	78°21,826 N	9°39,41 E	408	403	7,0	335	"	"	"	"	260	"	"	"
		0:45	78°23,36 N	9°36,19 E	511	510	6,2	334	"	"	"	"	340	"	"	"
		1:00	78°24,99 N	9°32,22 E	520	520	6,2	338	"	"	"	"	400	"	"	"
		1:15	78°26,16 N	9°30,32 E	522	523	6,2	340	"	"	"	"	"	"	"	"
		1:30	78°27,59 N	9°27,30 E	524	525	6,1	336	"	"	"	"	"	"	"	"
1:45		78°29,01 N	9°24,32 E	521	521	6,2	336	"	"	"	"	"	"	"	"	
2:00		78°30,34 N	9°21,46 E	518	518	5,8	339	"	"	"	"	"	"	"	"	
2:15		78°31,61 N	9°18,43 E	510	510	5,7	336	"	"	"	"	"	"	"	"	
2:30		78°32,95 N	9°15,86 E	512	512	5,7	337	"	"	"	"	"	"	"	"	
2:45		78°34,28 N	9°13,10 E	513	514	5,7	337	"	"	"	"	"	"	"	"	
3:00		78°35,62 N	9°10,26 E	525	526	5,8	338	"	"	"	"	"	"	"	"	
3:15		78°36,94 N	9°07,34 E	535	536	5,7	338	"	"	"	"	"	"	"	"	
3:30		78°38,25 N	9°04,57 E	548	548	5,9	339	"	"	"	"	"	"	"	"	
3:45		78°39,61 N	9°01,64 E	565	569	5,7	336	"	"	"	"	"	"	"	"	
4:00		78°40,00 N	8°58,92 E	590	590	5,7	338	"	"	"	"	500	"	"	"	
4:15		78°41,00 N	8°55,81 E	566	566	5,2	338	"	"	"	"	"	"	"	David	
4:30		78°43,52 N	8°53,17 E	515	515	5,2	337	"	"	"	"	"	"	"	David	
4:45		78°44,99 N	8°49,99 E	427	427	5,7	335	"	"	"	"	400	"	"	David	
5:00	78°46,70 N	8°47,38 E	366	366	5,8	337	"	"	"	"	320	"	"	David		
5:15	78°48,38 N	8°44,75 E	292	295	5,7	337	"	"	"	"	160	"	"	David		
5:30	78°48,83 N	8°41,65 E	271	271	5,5	337	"	"	"	"	"	"	"	David		
5:45	78°49,61 N	8°40,07 E	260	261	2,5	354	"	"	"	"	"	"	"	David		
6:00	78°50,26 N	8°39,55 E	246	246	2,2	257	"	"	"	"	"	"	"	David		
7:45	78°50,77 N	8°28,92 E	604	604	10,0	254	"	"	"	"	500	"	"	"		
8:00	78°51,183 N	8°19,67 E	791	791	3,3	280	"	"	"	"	680	"	"	"		

Tape 1 → 2 22:10

Mode 1

Change of Tape: 2 → 3 (0:02)

Zum Anfang der Schicht,  
ein kurzes Gedicht,  
ich bin wieder hier,  
hab' Wache bis vier,  
die Spannung ist groß,  
denn jetzt geht es los! TOLL!

3:52 → Change Tape → 3 → 4

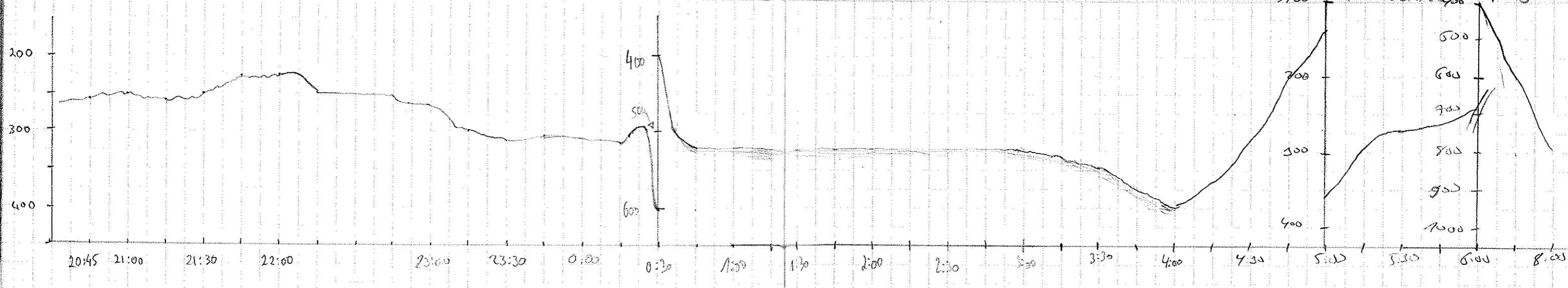
Mode 4

mode 1

Station 6.01, TWT 60, Speed 7.50000

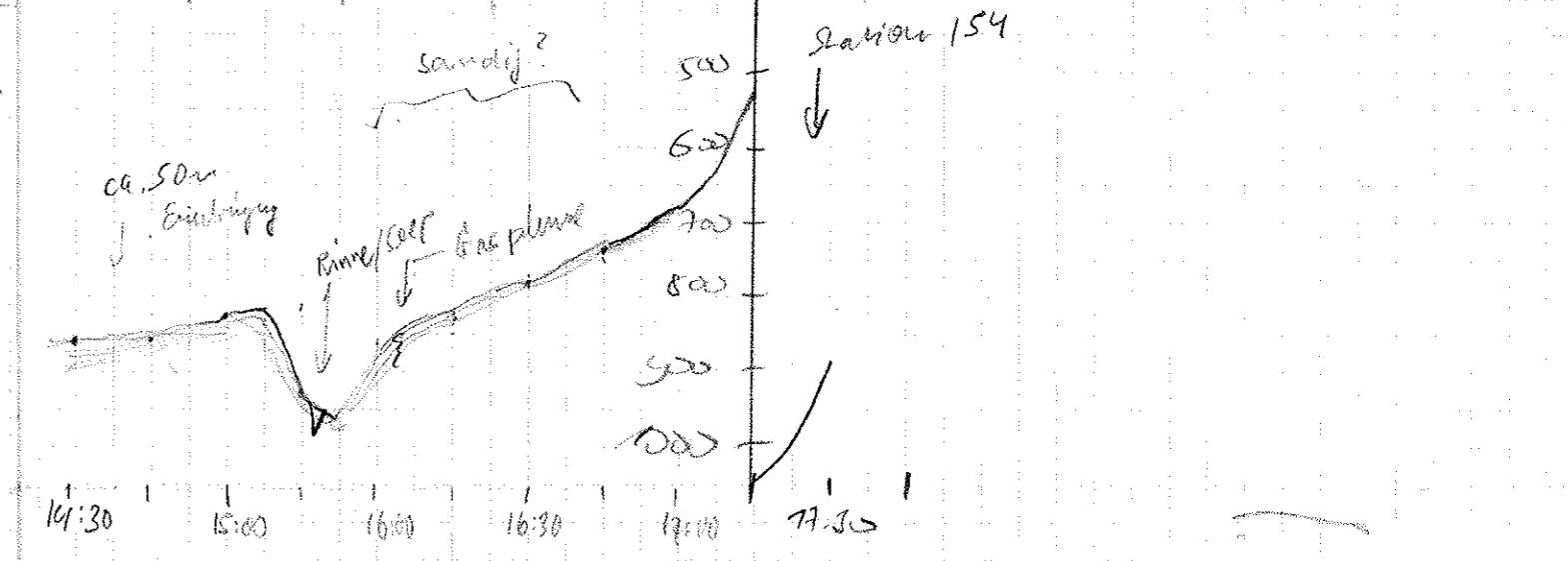
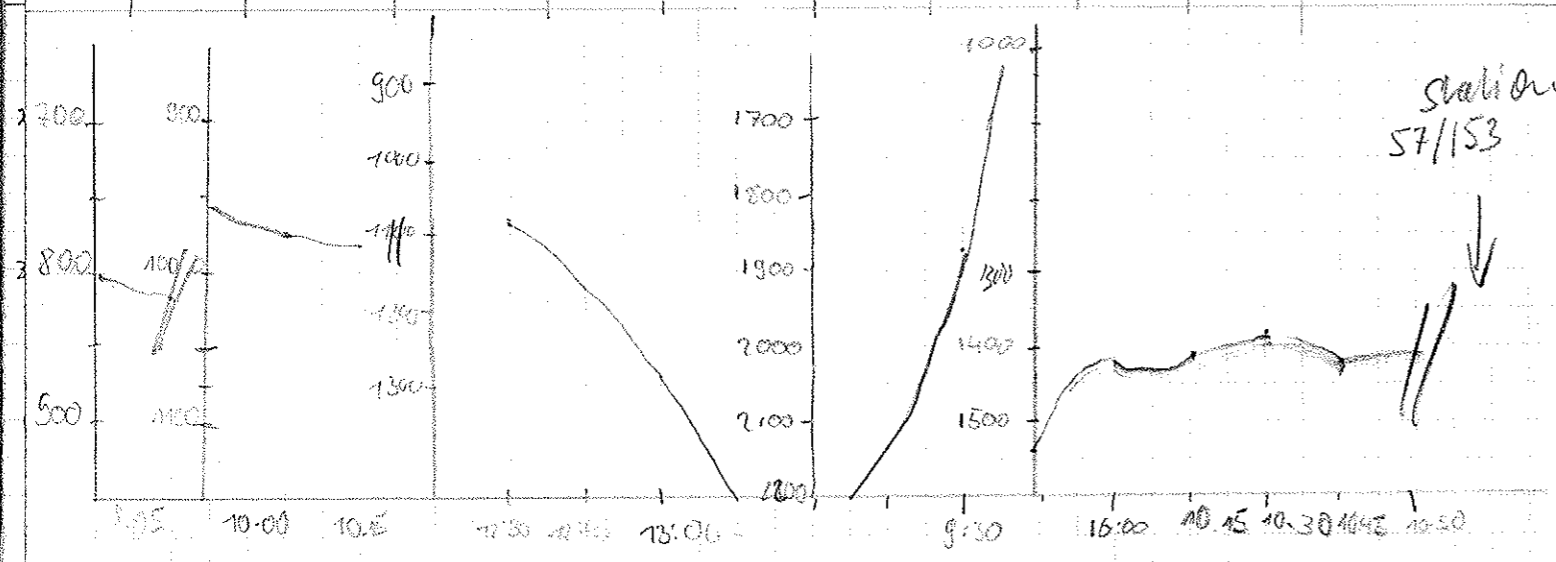
7.32 Ende Station Leit 0, Speed 7.20000

100 TAPE WECHSEL 4 → 5





Date	Time	Latitude	Longitude	Type	Depth	Speed	Course	Way	Alt	Roc	Wind	Temp	Dir	Wave	Comment	
31.07.00	8.05	78°51.170N	8°19.215E	799,0	800,2	0.7	145,3	40	2	266	60	620,0	1	5	PMZ	Station window 900-1100
	10.00	78°50.677N	8°14.111E	828,8	828,2	1.0	259,0	"	"	"	60	790,0	"	"	"	
	10.15	78°50.193N	7°58.102E	1042,3	1050	0.4	223,7	"	"	"	60	900	"	"	"	
	12.25	78°50.136	7°51.901	1081	1081	1.0	271	"	"	"	"	"	"	"	Uli	
	12.30	78°50.189	7°48.678	1094	1086	1.4	276	"	"	"	"	1050	"	"	Uli	
	12.45	78°50.219	7°30.998	1160	1167	1.7	267	"	"	"	"	1050	"	"	Uli	
	13.00	78°50.162	7°15.240	0	1283	1.4	270	"	"	"	"	1200	"	"	Uli	
	13.15	78°50.116	7°08.000	1458	0	1.4	270	"	"	"	"	1360	"	"	Uli	
	14.00	78°50.309	6°55.842	1534	1543	0.3	75	"	"	"	"	1480	"	"	Castor	
1.8.00	9:07	79°06.81	4°43.08	2201	2211	6.0	94	4	4	4	0	2150	"	"	Christmann	Start Parasound 9:09 1.8.00
1.8.00	9:15	79°06.10	4°45.49	2096	2110	9.3	155	"	"	"	"	2070	"	"	"	
	9:30	79°04.178	4°50.345	1870	1870	9.5	155	"	"	"	"	1750	"	"	Christoph	V. Mönstern → Station
	9:45	79°02.054	4°53.491	1545	1545	9.3	155	"	"	"	"	1450	"	"	Christoph	
	10:00	79°00.290	5°02.121	1214	1421	8.9	110	"	"	"	"	1350	"	"	Christoph	
	10:15	79°00.019N	5°14.576E	1289,5	1418	9.7	91,3	"	"	"	"	1350	"	"	Dirk	
	10:30	79°00.927N	5°26.969E	1289,5	1413	8.5	154,5	"	"	"	"	1350	"	"	"	
	10:45	79°00.860N	5°23.143E	1289,5	1417	8.8	269,6	"	"	"	"	1350	"	"	"	
	10:50	79°00.961N	5°21.040E	1289,5	1412	0.4	168,8	"	"	"	"	1350	"	"	"	
	14:30	79°07.92N	5°23.46	1289	1412	9.4	81	"	"	"	"	1350	"	"	Christmann	Station 153 TAPE WECHSEL 5 → 6 Station Ende um 14:20
	14:48	79°07.99	5°35.62	1289	1413	11.5	87	"	"	"	"	"	"	"	"	
	15:00	79°07.99	5°44.32	1289	1374	10.9	90	"	"	"	"	"	"	"	"	
	15:15	79°07.00	6°07.54	1139	1369	11.3	90	"	"	"	"	"	"	"	"	
	15:30	79°07.00	6°22.41	1214	1478	10	89	"	"	"	"	1440	"	"	"	
	15:45	79°07.00	6°35.58	1214	1508	9.9	89	"	"	"	"	1410	"	"	"	
	16:00	79°07.00	6°44.03	1424	1410	9.8	92	"	"	"	"	1300	"	"	"	
	16:15	79°07.79	7°01.39	1214	1377	9.5	94	"	"	"	"	"	"	"	"	
	16:30	79°07.76	7°13.80	1214	1339	9.6	89	"	"	"	"	1200	"	"	"	
	16:45	79°07.09	7°26.16	1139	1291	9.3	89	"	"	"	"	1200	"	"	"	
	17:00	79°07.04	7°38.46	1139	1231	9.4	89	"	"	"	"	"	"	"	"	
	17:15	79°07.09	7°50.38	0	1080	9.0	84	"	"	"	"	900	"	"	"	
	17:30	79°07.16	8°01.83	0	896	9.1	89	"	"	"	"	840	"	"	"	
	17:45							"	"	"	"		"	"	"	















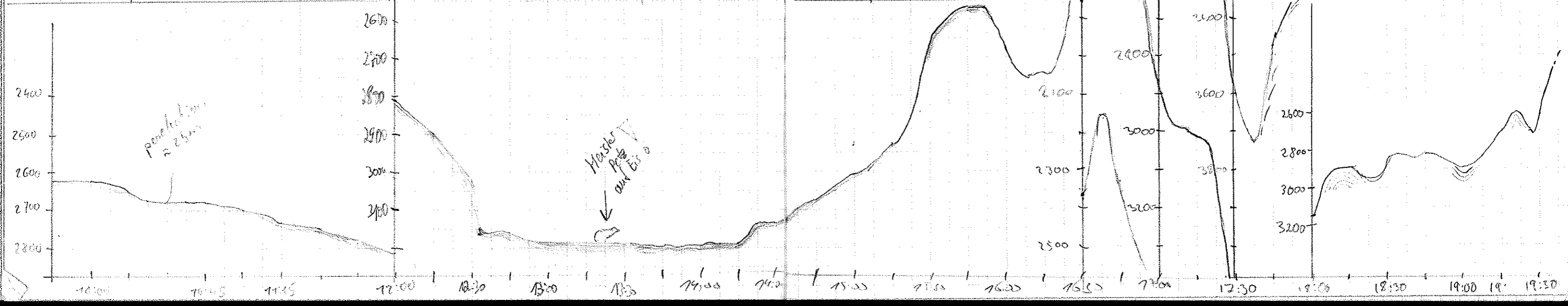


Date	Time	Lat	Long	Depth	Temp	Sal	Wind	Wave	Current	Other	Remarks				
14.08.00	9:50	79° 01, 628	0° 41, 701 E	2620	2623	3,4	210,5	40,0	266	0	2505	2	12	Uli	9:40 Beginn Aufzeichnung Dampfer nach Norden zw. Eisstation von Molloy Deep.
	10:00	79° 01, 317	0° 39, 288	2617	2623	7,5	310,4							Uli	
	10:15	79° 02, 912	0° 37, 455	2650	2657	6,7	2,3							Uli	
	10:30	79° 04, 247	0° 36, 887	2669	2673	1,4	297				2605			Uli	
	10:45	79° 04, 639	0° 34, 713	2677	2678	5,9	345							Uli	
	11:00	79° 05, 352	0° 34, 587	2704	2709	8,1	8,6							Uli	
	11:15	79° 07, 824	0° 34, 726	2729	2734	5,9	850							Uli	
	11:30	79° 09, 423	0° 35, 732	2752	2754	5,6	27,2				2705			Uli	
	11:45	79° 10, 647	0° 40, 631	2774	2775	7,3	2,5							Uli	
	12:00	79° 12, 627	0° 41, 102	2808	2812	8,4	4,1							Uli	
	12:15	79° 14, 49 N	0° 38, 461 E	2902	2910	9,6	354				2855			Uli	
	12:35	79° 15, 99 N	0° 37, 34 E	3155	3160	9,5	26				3055			Uli	
	12:45	79° 19, 42 N	0° 41, 39 E	3148	3154	9,9	26							Uli	
	13:00	79° 21, 60 N	0° 44, 87 E	3180	3190	9,6	4,4							Uli	
	15	79° 23, 99 N	0° 44, 41 E	3187	3194	9,5	358							Uli	
	30	79° 23, 95 N	0° 46, 09 E	3188	3194	3,0	186							Uli	
	43	79° 23, 89 N	0° 45, 94 E	3188	3194	8,6	46							Uli	
	14:00	79° 25, 24 N	0° 51, 20 E	3190	3197	9,7	33				3105			David	
	15	79° 27, 42 N	0° 55, 91 E	0	3195	9,7	8,5							David	
	33	79° 29, 52 N	0° 57, 84 E	3144	3149	9,0	352							David	
	45	79° 31, 82 N	0° 59, 25 E	3087	3094	9,4	18				2955			David	
	15:00	79° 33, 90 N	1° 00, 07 E	3041	3049	8,5	19						73	David	
	15	79° 36, 47 N	0° 53, 93 E	2938	2938	10,2	2				2785			David	
	33	79° 38, 88 N	0° 55, 42 E	2652	2654	10,4	15				2585			David	
	45	79° 41, 31 N	0° 58, 51 E	2568	2575	10,7	8				2455			David	
	16:00	79° 41, 86 N	1° 01, 29 E	0	2667	10,5	315				2575			David	
	15	79° 46, 507	1° 03, 636 E	2733	2746	7,1	12				2705			Christoph	
	30	79° 48, 477	1° 03, 841 E	-	2862	10,6	1				2305			Christoph	
	45	79° 51, 247	1° 06, 544 E	2325	2337	11,4	16				2285			Christoph	
	17:00	79° 53, 647	1° 12, 657 E	2853	2864	10,3	27				2805			Christoph	
	15	79° 56, 228	1° 13, 324 E	3010	3017	10,7	355				2925			Christoph	
	30	79° 58, 722	1° 16, 982 E	3583	3571	10,8	20				3455			Christoph	
	45	80° 01, 128	1° 16, 948 E	3442	3468	10,8	321				3405			Christoph	
	18:00	80° 03, 242	1° 15, 729 E	3093	3205	11,1	53				3205			Ulan	
	18:15	80° 05, 272	1° 22, 374 E	2823	2890	17,8	14				2765			Ulan	
	18:30	80° 07, 339	1° 25, 255 E	2823	2840	10,9	339				2715			Ulan	
	18:45	80° 08, 924	1° 25, 466 E	2848	2827	8,1	83				2805			Christoph	
	19:00	80° 10, 849	1° 24, 537 E	2896	2901	7,1	34				2815			Ulan	
	19:15	80° 12, 437	1° 29, 860	0	2703	9,7	347				2605			Ulan	

12:30 Reprogramm DAA → digital data  
may miss

Eisbar auf Backbord → Agfa läuft grüßen

Tape 12 → Tape 13 14:06





Date	Time	Latitude	Longitude	Type	Temp	Wind	Compass	Bar	Rel	Wind	Pressure	Temp	Watch	Comment
14.08	17:30	80°13,48S	1026,246E	2667	2673	6,7	23,6	40	2	266	0	2605	2	13 Ulan
	19:45	80°15,81S	1°32,096E	2247	2257	8,6	319	"	"	"	"	2175	"	Ulan
	20:00	80°16,136	1°35,022E	2313	2317	5,6	307	"	"	"	"	2245	"	Ulan
	20:15	80°17,291	1°24,521E	2	2294	5,3	282	"	"	"	"	2165	"	Ulan
	20:30	80°18,251	1°23,201E	23278	23320	2,6	277,0	"	"	"	"	2215	"	Ulan
	20:45	80°19,521	1°26,204E	24480	24460	6,5	338,2	"	"	"	"	2395	"	Ulan
	21:00	80°20,147	1°22,421E	2496,0	2513,0	5,8	199,7	"	"	"	"	2425	"	Ulan
	21:15	80°20,972	1°33,320E	2508,0	2519,0	3,1	241,4	"	"	"	"	2475	"	Ulan
	21:30	80°20,660	1°34,22E	2462,3	2508,0	5,9	161,5	"	"	"	"	2405	"	Ulan
	21:45	80°20,731	1°38,838E	2419,9	2423,0	6,0	358,5	"	"	"	"	2315	"	Ulan
	22:00	80°22,090	1°39,627E	0	2513,0	5,6	329,5	"	"	"	"	2455	"	Ulan
	15	80°25,05	1°34,19E	2661	2666	7,7	321	"	"	"	"	2635	"	Ulan
	30	80°24,00	1°29,03E	2759	2766	0,8	355	"	"	"	"	-	"	Ulan
	45	80°24,62	1°26,53E	2812	2818	2,9	12	"	"	"	"	2725	"	Ulan
	23:00	80°25,56	1°25,15E	2849	2876	0,2	37	"	"	"	"	-	"	Ulan
	15	80°26,82	1°23,14E	2898	2894	7	3	"	"	"	"	-	"	Ulan
	30	80°27,88	1°25,26E	2915	2920	6	332	"	"	"	"	2855	"	Ulan
	45	80°28,88	1°21,74E	2934	3078	6	5	"	"	"	"	-	"	Ulan
15.08	0:00	80°28,80	1°27,47E	2927	2934	7	18	"	"	"	"	-	"	Ulan
	0:15	80°28,71	1°36,06E	2861,2	2869	6,5	115,1	"	"	"	"	-	"	Ulan
	0:30	80°28,77	1°32,87E	2824,2	2872	1	7,1	"	"	"	"	2685	"	Ulan
	0:45	80°28,93	1°39,18E	0	2821	5,0	182	"	"	"	"	24	"	Ulan
	1:00	80°29,33	1°39,24E	2802	6612	3,6	181,3	"	"	"	"	-	"	Ulan
	1:15	80°29,36	1°39,64E	2814,2	8571	2,5	557,5	"	"	"	"	-	"	Ulan
	1:30	80°29,57	1°37,78E	2809,3	2815	5,7	346,6	"	"	"	"	-	"	Ulan
	1:45	80°30,91	1°46,1	2716	2729	7,4	27,6	"	"	"	"	-	"	Ulan
	2:00	80°32,29	1°45,93E	2624,9	2671	0,7	357,6	"	"	"	"	2570	"	Ulan
	2:15	80°32,46	1°44,77E	2604,9	2612	4,7	38,9	"	"	"	"	2485	"	Ulan
	2:30	80°32,67	1°45,87E	2582	2588	3	48,2	"	"	"	"	-	"	Ulan
	2:45	80°32,81	1°46,62E	2557,1	2588	1,6	60,3	"	"	"	"	-	"	Ulan
	3:00	80°32,87	1°47,46E	2531,9	2538	0,5	347,4	"	"	"	"	2965	"	Ulan
	3:15	80°32,95	1°47,50E	2577,1	2585	3,7	54,0	"	"	"	"	-	"	Ulan
	3:30	80°33,08	1°48,48E	2498,2	2503	0,9	50,4	"	"	"	"	-	"	Ulan
	3:45	80°33,07	1°48,44E	2491,7	2492	0,4	64,5	"	"	"	"	-	"	Ulan
	3:50	80°33,09	1°48,67E	2475,7	2494	0,3	41,2	"	"	"	"	60	"	Ulan
	4:30	80°33,20	1°49,65E	2454	2457	0,4	40	"	"	"	"	120	"	Ulan
	23:15	ENDE	DER	EISST	ATION									Ulan
	23:30													

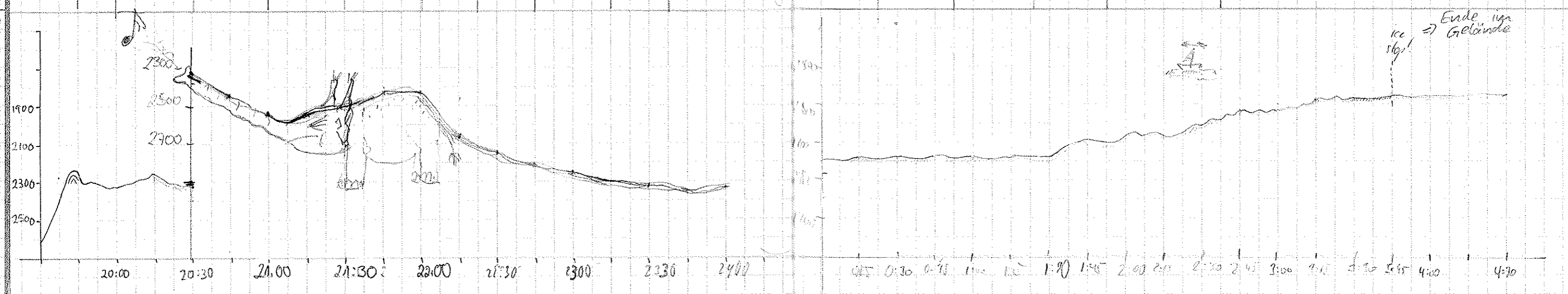
Tape 13 → 14

HS spiral  
-9- de ab 1:20

Revised 1.52

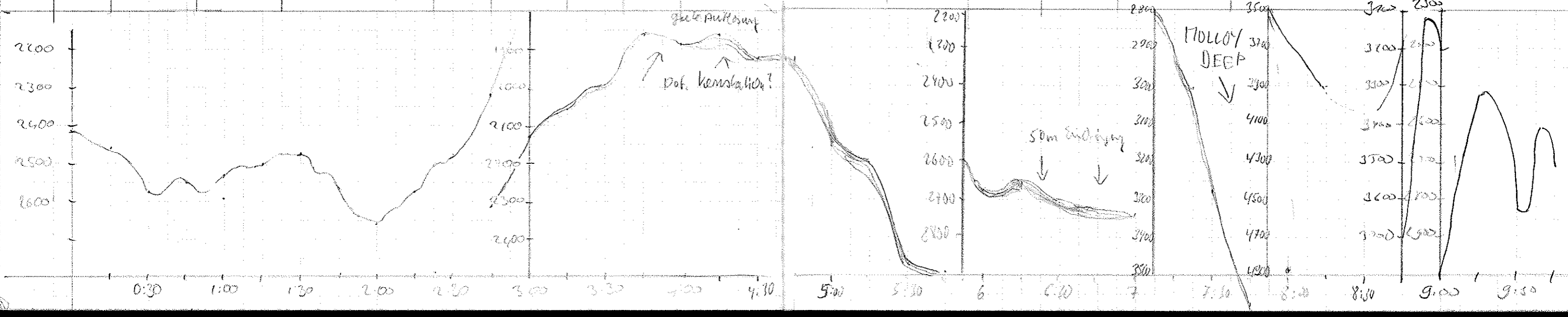
Wir sitzen fest!

engines stop! (Lynn 09.2) 3.44  
 ↓ Wall 3:50 → wind speed 60  
 pages speed 1:50000  
 4:24: Wind hind 120  
 Aufnahme einer Eisscholle mit Netz





Date	Time	Latitude	Longitude	Depth	Temp	Salinity	Wind	Wave	Sea	Visibility	Bar	Pressure	Depth	Time	Observer	Comments
16.8	0:04	80°30'85S	1°59'85E	2403	2415	6.8	180	40	2	266	0	2305	2	15	Christoph	
	0:15	80°30'00S	1°59'23E	-	2457	6.6	182					2505	3		Christoph	Change Deso 2 → 3 0:10
	0:30	80°29'13S	1°54'75E	2361	2568	5.0	216					2505			Christoph	
	0:45	80°28'58S	1°56'14E	2547	2550	2.2	327					2455			Christoph	
	1:00	80°27'49S	1°57'20E	2536	2536	6.3	120					2395			Christoph	
	1:15	80°26'10S	1°58'33E	2481	2501	6.3	180					2455			Christoph	
	1:30	80°24'80S	1°57'88E	2474	2475	4.1	223					2455			Christoph	
	1:45	80°24'33S	1°51'77E	2580	4183	5.4	258					2555			Christoph	HS-Depth spielt unricht
	2:00	80°23'56S	1°45'50E	2657	2660	4.7	215					2485			Christoph	
	2:15	80°22'10S	1°43'59E	2571	2806	4.4	183					2395			Christoph	
	2:30	80°20'81S	1°40'67E	2474	2484	5.9	211					2255			Christoph	
	2:45	80°19'34S	1°42'10E	2315	2314	7.5	136					1975			Christoph	Tape Change 15 → 16 2:58
	3:00	80°18'29S	1°43'67E	2136	2130	6.9	152					1855			Christoph	
	3:15	80°17'38S	1°43'57E	1840	2057	4.4	183					1755			Christoph	
	3:30	80°16'23S	1°54'57E	-	1936	2.6	215								Christoph	
	3:45	80°15'15S	1°57'56E	1619	1865	7.0	209								Christoph	
	4:00	80°13'87S	1°56'34E	1493	1884	5.8	144								Christoph	
	15	80°13'68S	2°02'95E	0	1811	4.7	219								Christian	
	30	80°12'56S	1°59'72E	0	1935	5	159									
	45	80°11'53S	1°55'48E	2011	1963	8	174									
	01:00	80°10'13S	1°58'27E	1821	2169	5	141					1905				
	15	80°08'52S	1°54'80E	2208	2211	7	163					2075				
	30	80°06'42S	2°04'74E	2482	2479	7	91					2465				
	45	80°06'35S	2°10'38E	0	2476	6	169					2325				
	6:00	80°05'28S	2°11'92E	2663	2674	8	158					2555				
	15	80°02'21S	2°13'52E	2645	2652	4	151									
	30	80°01'78S	2°13'78E	2693	2702	7	184					2685				
	45	79°59'70S	2°14'62E	2723	2729	7	182									
	7:00	79°57'90S	2°15'84E	2744	2752	7	181									
	21	79°55'50S	2°16'94E	2795	3084	6	166					3000				
	30	79°54'54S	2°18'55E	3279	3213	7	164					3245				
	45	79°52'86S	2°21'03E	3554	3588	6	166					3435				
	8:00	79°51'40S	2°22'19E	3838	4859	8	167					4505				
	15	79°48'96S	2°25'67E	4498	3914	10	165					4675				
	8:45	79°48'30S	2°29'75E	3632	3701	10.1	172					3695		17	David	410 IST DIE AUFLÖSUNG?
	9:00	79°41'51S	2°32'65E	3189	3212	10.1	151					3410			David	Tape 16 → 17
	15	79°39'11S	2°34'09E	2515	2521	10.0	175					2410			David	Die Wächter ausläuft 80 Minuten
	30	79°36'52S	2°35'68E	2790	2803	10.2	165					2700			David	(collig) zu spät!!!
	45	79°34'03S	2°37'22E	2698	2710	10.2	173					2690			David	



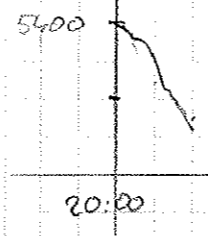
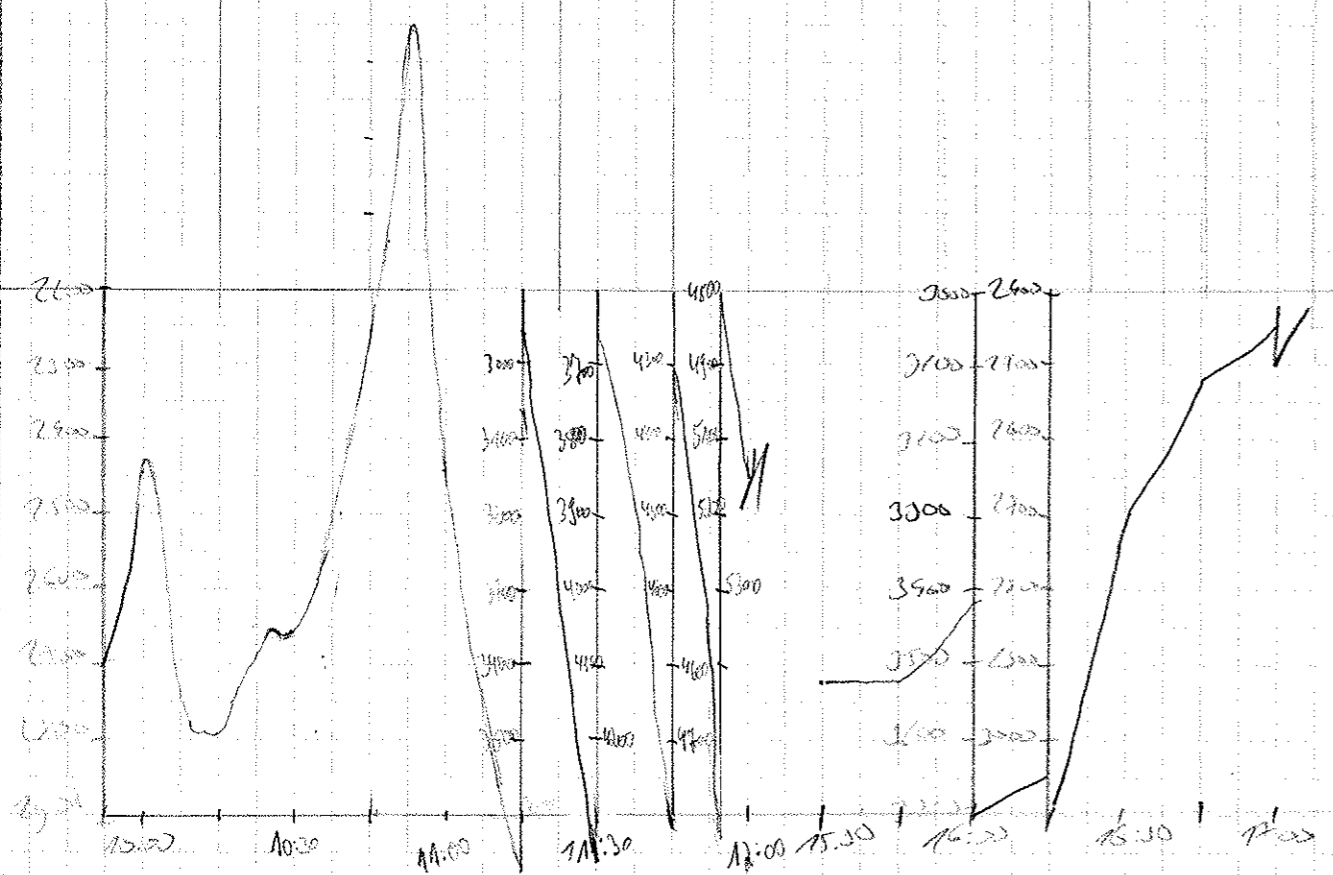


Date	Time	Lat (N)	Long (E)	Type	Temp (C)	Wind	Dir	Wave	Vis	Cloud	Wind	Temp	Depth	Time	Watch	Comment
17.08	10:00	79° 03.155 N	2° 39.21 E	0	2467	10.3	172	40	2	266	0	2360	3	17	Donat	Lo 1st Mr. Farwick?
	15	79° 03.29 N	2° 41.04 E	0	2291	10.4	173	"	"	"	"	2700	"	"	Matze	↳ Lies, Dr. Birgel
	30	79° 03.46 N	2° 42.44 E	0	2660	10.3	174	"	"	"	"	2530	"	"	"	
	45	79° 03.83 N	2° 44.44 E	0	2248	10.1	170	"	"	"	"	2150	"	"	"	
	11:00	79° 04.14 N	2° 46.07 E	0	2447	10.0	168	"	"	"	"	2300	"	"	"	
	15	79° 04.25 N	2° 46.72 E	0	2967	9.2	156	"	"	"	"	2900	"	"	"	
	30	79° 04.45 N	2° 48.85 E	0	3661	9.1	248	"	"	"	"	3500	"	"	"	
	45	79° 04.43 N	2° 50.11 E	0	4306	9.3	171	"	"	"	"	4200	"	"	"	
	12:00	79° 04.12 N	2° 52.33 E	0	5146	10.2	174	"	"	"	"	5000	"	"	"	
	12:15	79° 04.72 N	2° 53.58 E	0	5447	9.9	174	"	"	"	"	5350	"	"	Uli	Messung positiv!
	12:30	79° 04.24 N	2° 54.97 E	5506	5575	7.6	172	"	"	"	"	5500	"	"	Uli	12:55 Station hands aufnehmen Pawson abgestellt
	15:30	79° 06.48 N	2° 57.39 E	5507	5447	9.6	179	"	"	"	"	5350	"	18	Uli	
	15:45	79° 05.82 N	3° 07.60 E	0	5447	10.1	97.3	"	"	"	"	5300	"	"	Uli	
	16:00	79° 05.80 N	3° 07.20 E	5296	5315	9.9	97.1	"	"	"	"	5100	"	"	Donat	
	16:15	79° 05.78 N	3° 03.52 E	3750	3672	10.0	90.7	"	"	"	"	3600	"	"	Donat	
	16:30	79° 05.70 N	3° 07.47 E	0	2702	10.0	91.0	"	"	"	"	2600	"	"	Donat	
	16:45	79° 05.65 N	3° 00.61 E	0	2530	7.9	89	"	"	"	"	2900	"	"	Donat	
	17:00	79° 05.60 N	3° 07.83 E	2458	2448	7.7	77	"	"	"	"	"	"	"	Donat	STATS
	18:45	79° 05.35 N	4° 07.58 E	24589	2467.0	6.8	288.1	"	"	"	"	2300	"	"	Hawa	17:00 Lat 60° 100 000!
	19:00	79° 05.61 N	3° 57.92 E	3160	2732	8.8	277	"	"	"	"	3300	"	"	Hawa	18:42 Fuel at Station
	19:15	79° 05.97 N	3° 44.93 E	2731	3083	10.2	284.1	"	"	"	"	3450	"	"	Hawa	Lat 0, Speed 1.0000!
	20:00	79° 07.45 N	3° 07.69 E	5410	5425	9.8	281	"	"	"	"	5300	"	"	Christoph	TOTALS CIPAS MIT ALLEN TIEFEN
	20:15	79° 07.71 N	2° 59.26 E	5531	5542	6.6	280	"	"	"	"	5400	"	"	Christoph	
	20:20	79° 07.82 N	2° 56.38 E	5557	5566	3.6	281	"	"	"	"	5400	"	"	Christoph	

STATION CTD

17.08 03:45 STATION MUC

Ulan



Wait 60 Speed 1:100.000

Date	Time	Latitude	Longitude	Depth	Temp	Salinity	Wind	Wave	Wind Dir	Wind Spd	Wave Dir	Wave Hgt	Wave Per	Watch	Comment
19.08	0:15	78°55.13	7°41.56	0	1175	9.7	271.1								
	0:30	78°55.13	7°29.04	0	1202	9.6	271.4								
	0:45	78°55.05	7°16.77	0	1207	9.6	268.2	40		266					
	1:00	78°55.02	7°04.78	1064	1299	9.3	269.0								
	1:17	78°55.01	6°52.88	1214	1441	9.3	272.7								
	1:28	78°55	6°45.90	1214	1545	0.3	81.0								Station KGV 1500m

End of night

10:17 Mission 20 - u - Schwerelot

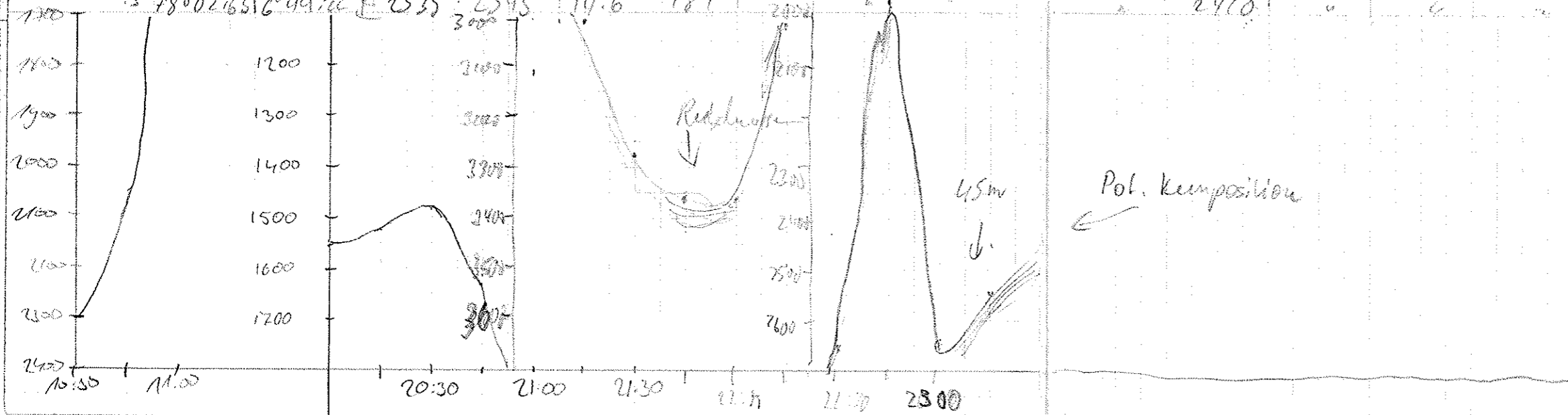
10:30	78°08.21 N	7°22.05 E	2330	2359	7.1	79	70	2	266	0	2000	3	19	David	
10:45	78°08.11 N	7°30.14 E	0	2049	8.5	67					1900			David	
11:00	78°07.39 N	6°44.07 E	1438	1775	9.4	70					1700			Christoph	
11:15	78°08.213 N	6°56.785 E	1138	1484	9.7	73					1400			Christoph	
11:30	78°08.93 N	5°08.53 E	1214	1346	9.6	70					1300			Matia	

Heute hier auf diesem Boot, fahren wir noch ein Schwerelot. Das Rohr ist 20m lang, doch das macht uns gerichtet beeng. Kommt es ohne Knick zurück, strahlt die "Geo-Geog" vor Glück. Drum laßt uns jetzt die Daumen drücken, dann wird die Sache sicher glücken!  
 ABSCHALTEN WEGEN VERÄNDERUNG 22:35

N E

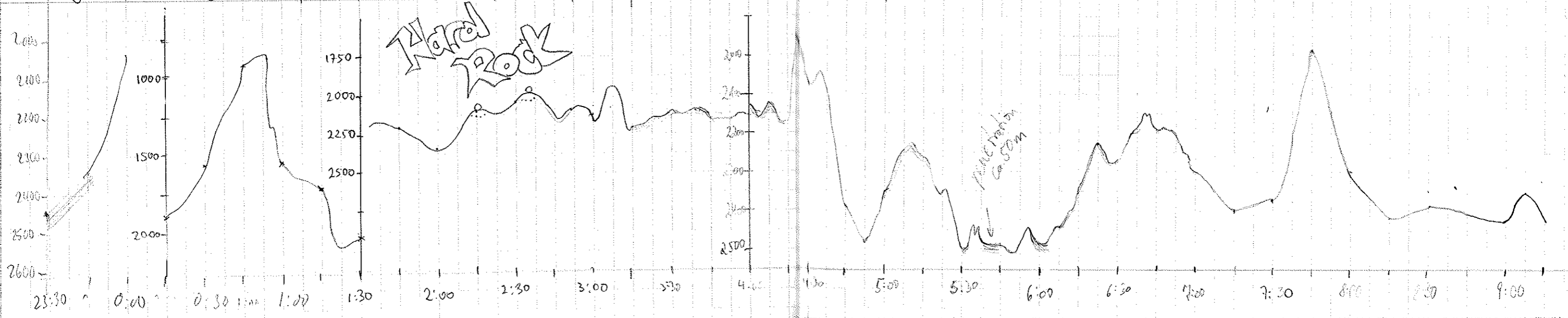
20:08	20:05	78°47.99	6°54.434	1541	1552	13.3	165	40	2	266	0	1500	3	20	Christoph	
	20:15	78°46.120	6°54.943	1364	1522	14.1	184					1400			Christoph	
	20:30	78°42.510	6°53.386	1362	1483	14.5	182								Christoph	
	20:45	78°33.017	6°53.119	1364	1622	14.8	182								Christoph	
	21:00	78°35.354	6°52.257	1438	2019	14.5	181					1500			Christoph	
	21:15	78°31.772	6°51.361	2038	2011	14.5	182								Christoph	
	21:30	78°28.230	6°50.543	3266	3271	14.4	182					3000			Christoph	
	21:45	78°24.531	6°49.621	3360	3367	14.5	183					3200			Christoph	
	22:00	78°20.922	6°47.92 E	2999	3261	14.7	183					3300			Christoph	
	15	78°17.13	6°47.83 E	3001	3011	14.6	184					3200			Christoph	
	30	78°13.86	6°47.00 E	2648	2662	14.5	184									
	45	78°09.93	6°46.02 E	0	1989	14.7	182					2520				
	23:00	78°06.33	6°45.11 E	2648	2652	14.6	183					1830				
	15	78°02.63	6°44.22 E	2535	2545	14.6	181					2590				
												2410				

Jetzt geht's zurück  
 ENDE FORSCHUNG

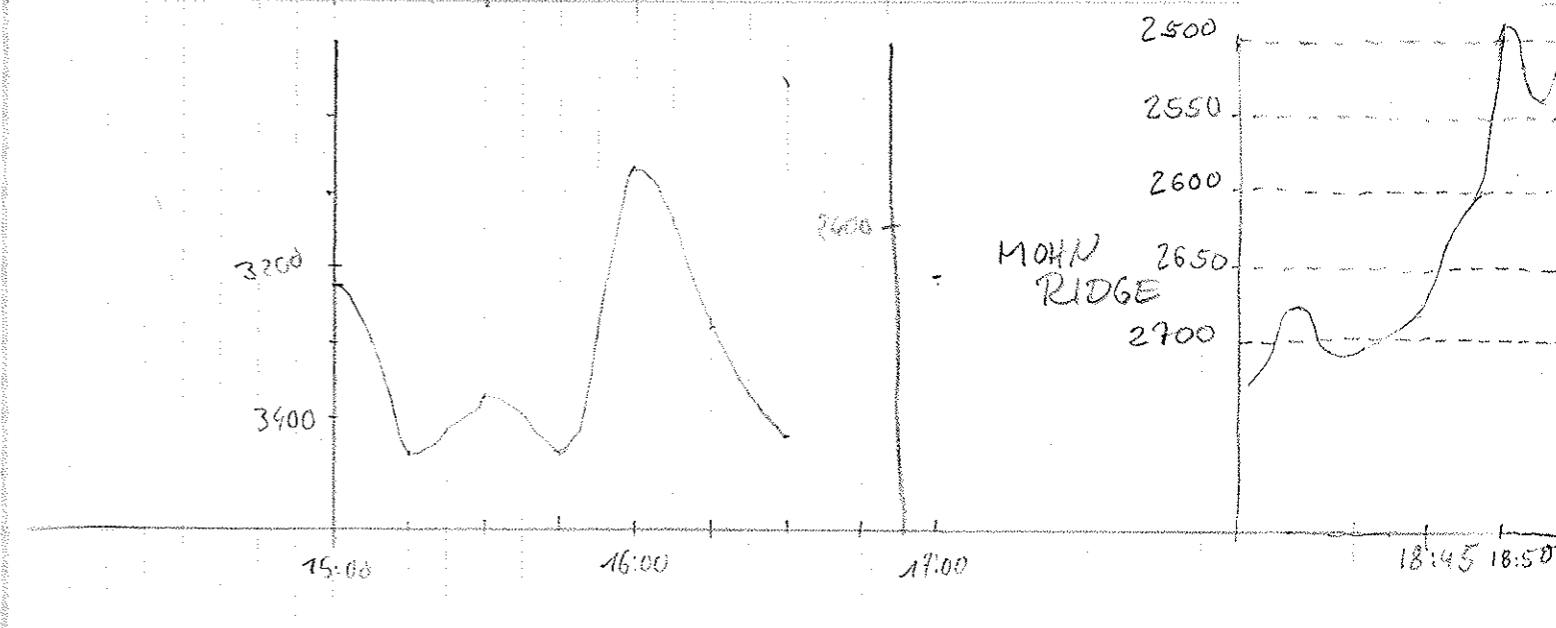
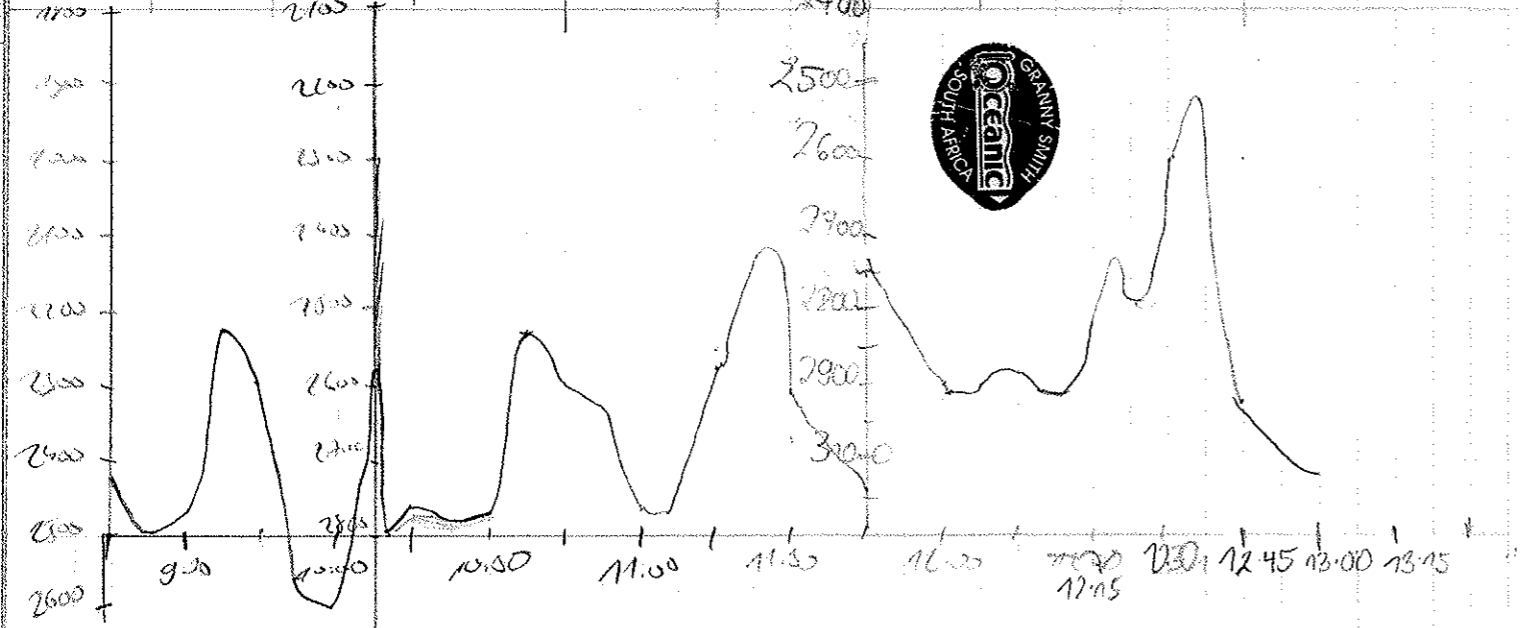




Date	Time	Latitude	Longitude	Depth (m)	Temp (°C)	Salinity	Conduct	Chlorophyll	Fluor	Algal	Sec. Count	Wind	Wind Dir	Dir. Roll	Temp. Air	Watch	Comment
20.8.2000	23:30	77°59.15N	6°43.44 E	2445	2453	14.6	183	40	2	266	0	2410	3	20	Christian		
	45	77°55.57	6°42.57 E	2381	2381	14.4	182					2260					
21.8.00	0:00	77°51.923	6°41.71 E	2030	2045	14.4	183					2260			Ulan		
	0:15	77°48.311	6°40.803 E	1875	1850	14.4	182					1850			Ulan		
	0:30	77°44.79	6°39.98 E	0	1577	14.0	184					1470					
	0:45	77°41.312	6°39.198 E	962	975	14.1	182					930			Ulan		
	1:00	77°37.823	6°38.394 E	1138	1573	14.0	181					1500			Ulan		
	1:15	77°34.317	6°37.629 E	1438	1720	14.1	181					1700			Ulan		
	1:30	77°30.827	6°36.803 E	1438	2016	14.1	182					1840		21	Ulan	Tape 20 → 21 um 01:14 UTC	
	1:45	77°27.237	6°35.973 E	2151	2217	14.2	180					2100		21	Ulan		
	2:00	77°23.710	6°35.223 E	2334	2345	14.0	183					2190			Ulan		
	2:15	77°20.234	6°34.443 E	2179	2183	14.2	182					2110			Ulan		
	2:30	77°16.733	6°33.709 E		2079	14.3	182					1950			Ulan		
	2:45	77°13.161	6°32.818 E	0	2107	14.2	182					1950			Ulan	HP error → DAA reprogrammed → o.k.	
	3:00	77°09.688	6°31.933 E	0	2120	13.9	182					1950			Ulan		
	3:15	77°06.580	6°31.307 E	2171	2181	13.9	182					2000			Ulan		
	3:30	77°02.96	6°30.48 E	2105	2113	13.7	183								Matre		
	3:45	76°59.45	6°29.78 E	2158	2169	13.9	182					2100					
	4:00	76°55.97	6°29.00 E	2126	2134	14.2	182										
	4:15	76°52.54	6°28.24 E	2168	2173	14.3	183										
	4:30	76°48.88	6°27.39 E	2046	2072	14.5	181					2000					
	4:45	76°45.37	6°26.58 E	0	2187	14.5	173					2200					
	5:00	76°41.90	6°25.91 E	0	2350	14.3	182					2300					
	5:15	76°38.29	6°25.11 E	2265	2276	14.6	183					2200					
	5:30	76°34.76	6°24.34 E	2501	2503	14.4	183					2400					
	5:45	76°31.14	6°23.54 E	2489	2495	14.3	182										
	6:00	76°27.59	6°22.85 E	2481	2487	14.5	182										
	6:15	76°24.03	6°22.12 E	2342	2351	14.5	182					2300					
	6:30	76°20.40	6°21.34 E	2265	2274	14.4	182					2200					
	6:45	76°16.86	6°20.57 E	2182	2190	14.5	182					2100					
	7:00	76°13.09	6°19.85 E	2315	2316	14.7	183					2250					
	7:15	76°09.44	6°19.06 E	2393	2397	14.5	182					2250		11	Patty		
	7:30	76°05.91	6°18.42 E	2358	2367	14.2	183					2270		11	Katrin		
	7:45	76°02.32	6°17.59 E	1438.2	1979	14.4	183					1860		22	Katrin	Tape 21 → 22	
	8:00	75°58.62	6°16.72 E	0	2286	14.5	180					2100			Katrin		
	8:15	75°55.01	6°16.05 E	0	2387	14.4	183					2310			Katrin		
	8:30	75°51.01	6°15.34 E	0	2416	14.7	181					2220			Katrin		
	8:45	75°47.80	6°14.61 E	2416	2397	14.5	183					2350			"		
	9:00	75°44.19	6°13.89 E	2440	2444	14.7	182								"		
	9:15	75°40.55	6°13.16 E	2486	2456	14.7	182								David		



21.8	9:30	75°39.0X	6°12.46	2471	2478	14.9	779	40	2	266	0	2350	3	22	David	
	9:45	75°30.8	6°11.79	2292	2302	14.9	193					2150	2		"	
	10:00	75°29.11	6°10.95	0	2594	15.2	183					2460	2		"	
	15	75°25.95	6°10.27	2761	2768	15.2	182					2650	2		"	
	30	75°21.90	6°09.55	2771	2775	15.1	180					2450	2		"	
	45	75°18.27	6°08.81	2592	2596	14.7	185					2650	2		"	
	11:00	75°14.796	6°08.044E	2767, 6	2771	14.5	184.6					2550	2		P. M. J.	
	11:15	75°11.125	6°07.318E	2551, 6	2565	14.4	182.7					2520	2		P. M. J.	
	11:30	75°07.565	6°06.650E	2601, 5	2604	14.4	182.7					2640	2		P. M. J.	
	11:45	75°03.784	6°05.916E	2732	2740	14.5	181.9					2810	2		P. M. J.	
	12:00	75°00.202	6°05.248E	2906, 9	2910	14.7	184.2					2570	2		P. M. J.	
	12:15	74°56.362	6°04.560E	2860, 6	2825	14.8	181.8					2720	2		P. M. J.	
	12:30	74°52.808	6°03.879E	2592, 1	2606	14.6	184.4					2950	2		P. M. J.	
	12:45	74°49.257	6°03.144E	2906, 6	2911	14.5	181.9					2600	22/23		Mania	22 → tape 23 13:20
	13:00	74°45.554	6°02.457E	3043, 5	3048	14.6	183					2660	23		Mania	
	13:15	74°41.70	6°01.711E	0	2682	14.9	182.					2280	"		Mania	
	13:30	74°38.18	6°01.03E	2737, 5	2743	14.8	184					2610	"		Mania	
	13:45	74°34.27	6°00.57E	0	2376	14.8	183					3100	"		Mania	← out of range for few minutes
	14:00	74°30.40	5°59.67E	2744	2763	14.7	183					3360	"		Mania	(Katia was here) - SORRY!!
	14:18	74°26.25	5°58.84E	0	3240	14.9	183					3270	"		Mania & Katia	
	14:30	74°23.68	5°58.37E	3427	3435	14.5	183					3120	"		Mania, Katia & cakes	
	14:45	74°20.16	5°57.19E	0	3285	14.3	182					3350	"		Uli	
	15:00	74°16.59	5°57.12E	3277	3223	14.5	182					3300	"		Uli	
	15:15	74°13.02	5°56.48E	3444	3448	14.2	182					3300	4		Uli	Change Deso Roll 3→4
	15:30	74°09.30	5°55.72E	0	3368	14.3	183					3000	"		Uli	
	15:45	74°05.748	5°55.05E	3445	3449	13.7	183					3050	"		Uli	
	16:00	74°02.182	5°54.44E	3070	3118	14.2	184					3400	"		Uli	
	16:15	73°58.533	5°53.78E	2767	3278	14.7	183					2400	"		Uli	
	16:30	73°54.907	5°53.16E	3476	3423	14.9	183					2300	"		Caro	
	17:00	73°47.69	5°51.83E		2465	15.3	182					2100	"		Caro	
	17:15	73°43.85	5°51.21E	2508	2482	15.0	182					2300	"		Caro	sorry etwas chaotisch da neu eingewiesen...
	17:30	73°40.12	5°50.58E		2198	14.8	184					2800	"		Caro	+ neues TAPE No. 24
	17:45	73°36.44	5°49.90E		2408	15.0	182.4					2500	"		Caro	DAU ... bitte nicht böse sein
	18:00	73°32.63	5°49.26E		2789	15.1	182.4					2550	"	24	Caro	- Keine Nachrede! Bitte!
	18:15	73°28.90	5°48.56E		2307	14.6	183					2450	"		Caro	
	18:30	73°25.23	5°47.96E		2659	15.0	183								Caro	
	18:45	73°21.40	5°47.36E	2644.3	2654.0	15.0	182								Caro	
	19:00	73°17.85	5°46.68E		2452	14.9	183.4								Caro	





Date	Time	Latitude	Longitude	Depth	Temp	Wind	Wave	Sea	Vis	Wind	Dir	Spd	Wave
21/08	19:15	75°41'N	5°46.08'E	2325	14.7	182.7	40	2	266	0	2450	4	24
-	19:30	75°40.463N	5°45.831E	2531	14.7	181.8	-	-	-	-	2500	-	-
-	19:45	75°03.210N	5°44.786E	2735	14.4	181.6	-	-	-	-	2750	-	-
-	20:00	75°03.772N	5°44.759E	2820	14.3	181	-	-	-	-	-	-	-
-	20:15												
-	20:30												
-	20:45												
-	21:00												
-	21:15												
-	21:30												
-	21:45												
-	22:00												

20:13 - Ova & out.

End of Parasound  
Begin of life!

