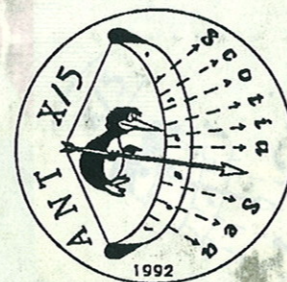


6

#26

PARASOUND-Protokollbuch

8.8.1992 bis 26.9.1992



X/5

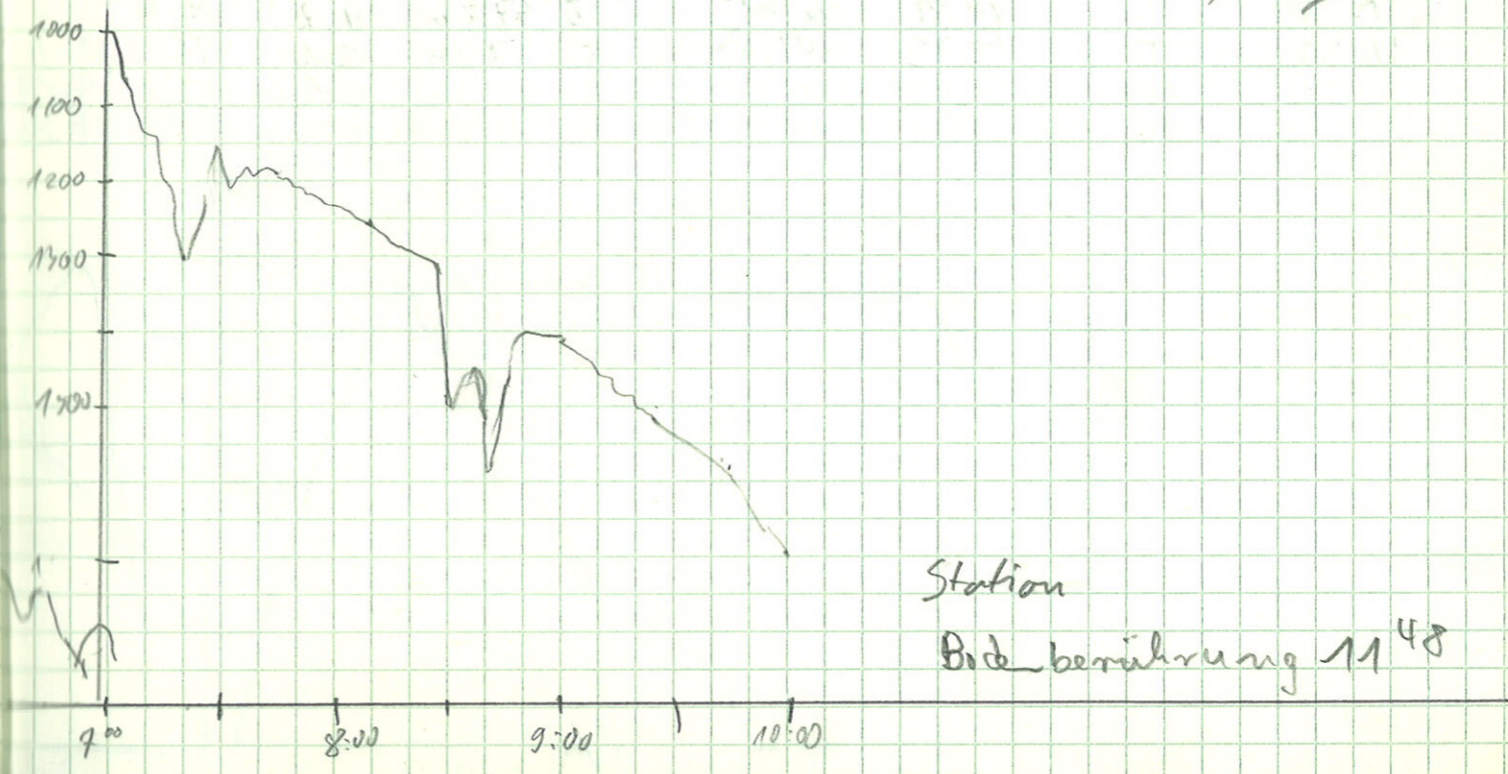
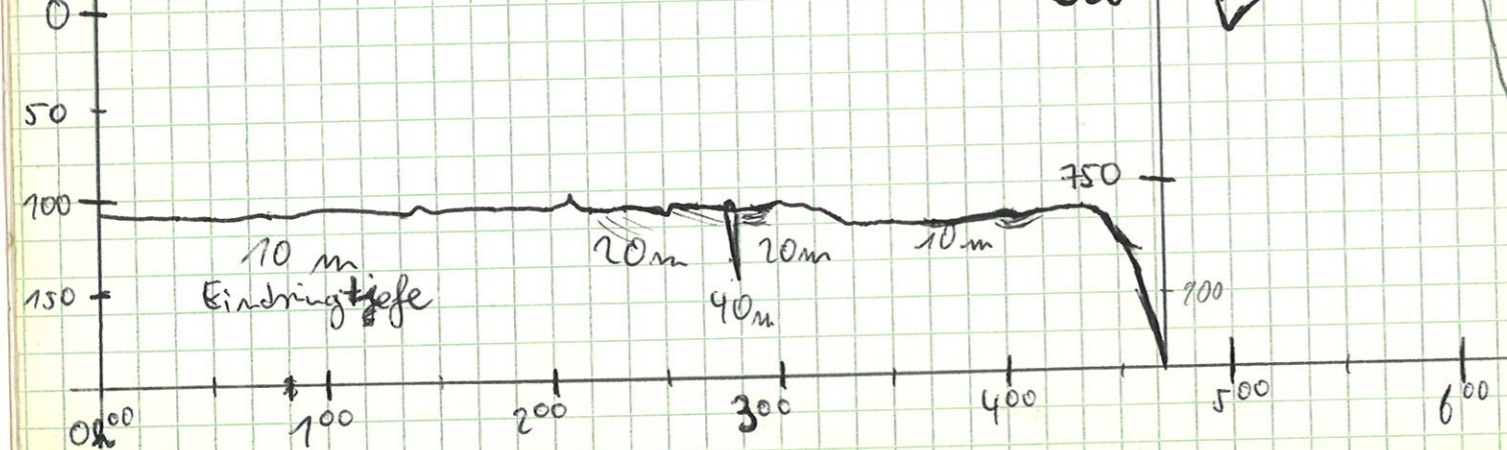
Datum	Zeit (UTC)	Tiefe PS	Tiefe HS	Lat.	Long.	Speed [km]	Kurs	Wache	Freq. Pulse	Range	Scale	Mode	SIG	FRQ	Time	WT	R	H	M	Remarks
9.8.82	00.15	106	103	44° 21,6'S	67° 15,7'W	14,4	122,3	Grigel	4 4	500	100	1	SBE	40	133	50	0	3	1	
	00.30	110	104	44° 23,5'S	67° 10,9'W	14,2	121,3		4 4	-	-	-	-	-	-	-	-	-	-	
	0.46	108	105	44° 25,6'S	67° 6,4'W	14,2	123,4													
	1.00	107	104	44° 24,6'S	67° 1,8'W	13,8	123,2													
	1.18	110	107	44° 28,8'S	60° 57,3'W	13,9	123,4													
	1.30	108	111	44° 37,3'S	60° 53,8'W	14,3	124,3													
	1.45	113	110	44° 33,4'S	60° 49,8'W	14,0	127,0													
	2.00	111	108	44° 35,8'S	60° 45,5'W	13,8	124,0		4 4	500	100	1	SBE	40	133	50	0	3	1	Neustart um 1.53 da Drucker-Probleme durch Tastebetätigung
	2.16	115	111	44° 37,8'S	60° 41,2'W	14,5	126,2													
	2.30	118	115	44° 39,7'S	~ 37,9'W	14,7	124,0													
	2.45	118	115	41,7'S	32,9'W	14,6	125,5													
	3.00	114	112	43,8'S	28,6'W	13,7	123,1													
	3.15	118	116	45,9'S	24,6'W	14,0	129,5													
	3.30	120	117	48,0'S	20,6'W	13,9	125,3													
	3.45	120	117	49,9'S	16,6'W	14,5	122,3													
	4.04	118	114	52,3'S	10,3'W	14,4	127,1													
	4.17	117	114	54,5'S	6,5'W	13,5	129,9													
	4.30	132	129	56,0'S	3,6'W	13,5	130,1													
	4.45	294	285	58,0'S	59° 59,6'W	15,0	123,0													
	5.00	563	554	45° 00,2'S	59° 55,4'W	10,7	330													
	5.15	489	488	44° 58,8'S	59° 57,0'W	6,8	313													
	5.30	331	326	44° 57,3'S	59° 58,0'W	8,7	296	Kühler												
	5.45	246	242	49° 56,4'S	60° 0,9'W	5,8	342													
	6.00	343	348	44° 56,7'S	59° 59,5'W	10,7	10,9													
	6.15	696	684	44° 57,0'S	59° 59,5'W	7,6	47													
	6.32	768	759	44° 56,7'S	59° 53,0'W	9,7	142													
	6.52	957	935	45° 0,2'S	59° 48,8'W	14,3	91													
	7.06	1081	1086	44° 58,8'S	59° 43,7'W	14,3	93													
	7.19	1301	1276	44° 58,7'S	59° 41,0'W	4,2	8													
	7.34	805	1108	44° 58,9'S	59° 37,4'W	14,9	114													
	7.47	1045	1162	44° 59,5'S	59° 33,2'W	14,7	99													
	8.10	1064	1250	44° 59,5'S	59° 26,4'W	14,3	98													
	8.33	-	1546	45° 0,0'S	59° 18,7'W	14,9	91													
	9.08	-	1457	44° 59,7'	59° 7,7'W	14,5	93													
	9.25	1570 ok	1527	44° 59,5'	59° 0,1'W	14,6	96													
	9.45	-	1589	45° 0,0'	58° 54,0'W	14,7	95													
	10.16	-	1717	45° 0,5'	58° 44,3'W	14,4	89													

PS-Tiefen
fehler

Umgeschaltet in
Piloten-Betrieb

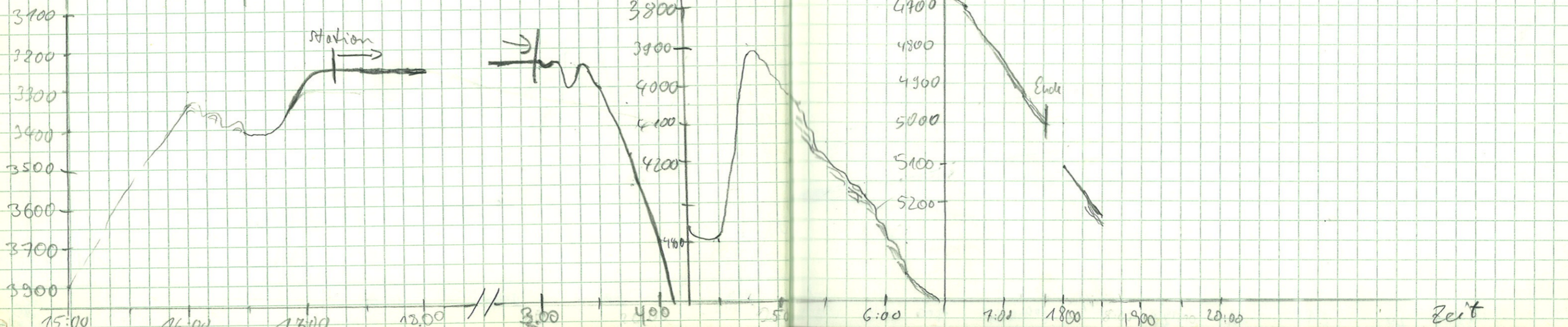
Bandspeicherung
angeschaltet
Speicherung an

Tiefe [m] Tiefenprofil

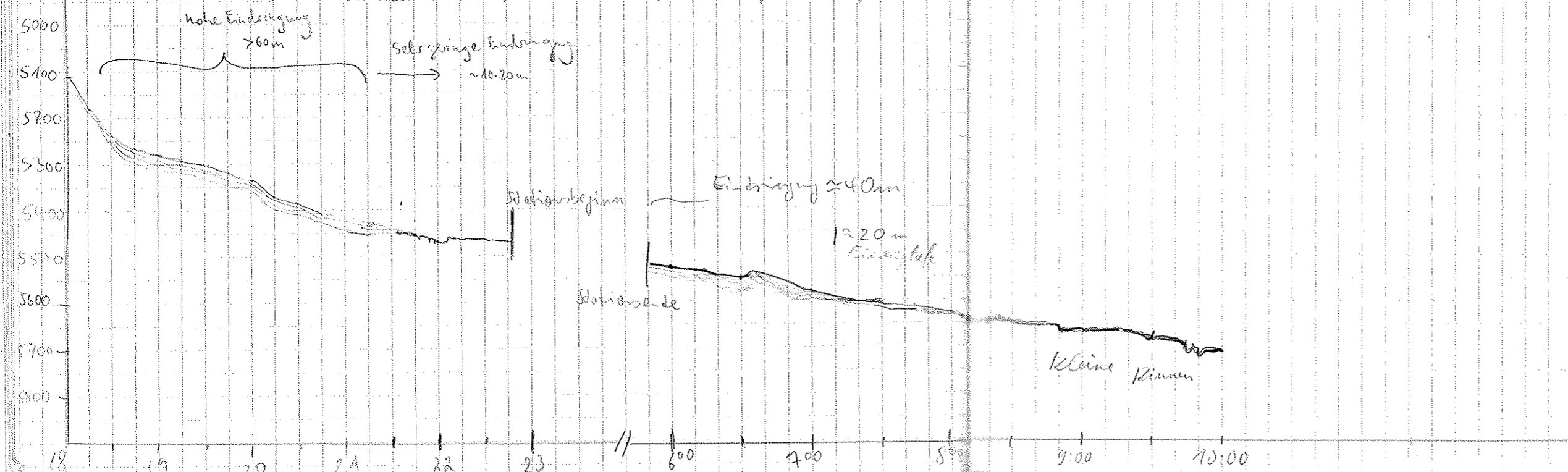


Station
Bideberührung 1148

Datum	Zeit (UTC)	Tiefe PS	Tiefe HS	Lat.	Long.	Speed	Kurs	Wache	Freq.	Pulse	Range	Scale	Mode	Sig	Frag	Time	wt	R	H	M	Remarks		
9.8.92	12:05	-	1834	44°56,8'S	58°37,9'W	1,0	351	Grigel	5,5	4	2000	100	4	S	40	133	5,0	0	3	1	PARASOUND leicht nicht richtig Tige Anlage Messwert		
"	12:30																						
"	12:45																						
"	13:00																						
"	14:58	3898	3853	45°08'S	58°12,2'W	11,7	118,5	Kuh	4	4	5000	100	4										
"	15:58	3319	3305	45°06,5	57°57,9'W	12,1	112	"															
"	16:32	3408	3363	45°08,88	57°57,3'W	6,8	312	"															
"	17:15	3244	3200	45°05,7'S	57°56,5'W	1,4	114,3	Grigel	4	4	5000	100	4	S	40	133	5,0	0	3	1	Speicherung an Station Speicherung a Frequenz (übr.)		
"	17:28	3250	3205	45°06,4'S	57°56,9'W	1,5	311,8																
"	17:49	3254	3209	45°06,4'S	57°56,7'W	1,1	321,9																
"	19:30	3347	3319	45°06,9'S	57°57,6'W	1,2	127,1		5,5	4													
"	20:00	3409	3347	45°06,8'S	57°57,6'W	4,0	31,0																
"	20:15	3234	3193	45°05,8'S	57°56,6'W	1,0	331,0																
"	1:00	3257	3238	45°05,7'S	57°56,3'W	0,7	195,3	Grigel	5,5	4	5000	100	4	S	40	133	5,0	0	3	1			
"	1:45	3226	3202	45°05,9'S	57°56,7'W																	MUC auf Grund	
"	2:30	3231	3206	45°06,4'S	57°56,7'W	0,7	260,																
"	3:00	3226	3205	45°06,1'S	57°56,7'W	7,0	78,0		5,5	4	5000	100	4	S	40	133	5,0	0	3	1	Haken Ende		
"	3:15	3228	3228	45°05,5'S	57°53,0'W	11,4	73,4																
"	3:30	3333	3218	45°04,8'S	57°49,5'W	11,1	72,6																
"	3:45	3547	3532	45°03,7'S	57°45,7'W	11,6	70,6																
"	4:00	3692	3675	45°03,0'S	57°47,2'W	11,7	70,5		5,5	4	5000	200	4	S	40	266	5,0	0	3	1			
"	4:18	4406	4425	45°01,7'S	57°36,5'W	11,6	73,8		4	4	10000	200	4	S	40	266	5,0	0	3	1	Podensignal ver- schwindet zeitweise		
"	4:30	-	4409	45°01,2'S	57°33,8'W	11,5	73,0		4	4	10000	5000	4	S	40	266	5,0	0	3	1			
"	4:45	-	3915	45°00,4'S	57°30,1'W	11,4	73,3		4,5	4	10000	5000	4										
"	5:00																					PARASOUND-Neustart	
"	5:15	4064	4057	44°58,3'S	57°27,6'W	11,9	79,2	Kuh	4	4	5000	200	4	S	40	266	5	0	3	1			
"	5:33	4178	4166	44°57,2'S	57°16,6'W	11,9	78,7																
"	6:10	4496	4491	44°55,5	57°06,4'W	11,7	71,6																
"	6:40	4771	4748	44°53,8	56°58,7'W	11,6	75,1	"															
"	7:09	4927	4900	44°52,4	56°52,2'W	11,5	73,1	"															
"	7:27	4999	4969	44°51,4	56°49,3'W	3,6	285,0	"															
"	von Station																						
"	17:21	4894	4866	44°54,1'S	56°53,6'W	4,6	72,3	N. O. Mann	4	4	5000	200	4	S	40	266	5	0	3	1	Speicherung angeschlossen Station		
"	17:45	5016	4996	44°53,7'S	56°47,6'W	11,7	84,3	"	4	4	10000	200	4	S	40	266	5	0	3	1	8:41 MUC an Grund		
"	18:00	5111	5079	44°53,4'S	56°43,2'W	12,0	83,7	"	4	4	10000	200	4	S	40	266	5	0	3	1	Station beendet		
"	18:15	5184	5199	44°53,1'S	56°38,9'W	11,8	83,1	Fr. Tischer	4	4	10000	200	4	S	40	266	5	0	3	1			
"	18:30	5245	5264	44°52,8'S	56°34,9'W	12,1	84,2	Fr. Tischer	4	4	10000	200	4	S	40	266	5	0	3	1			

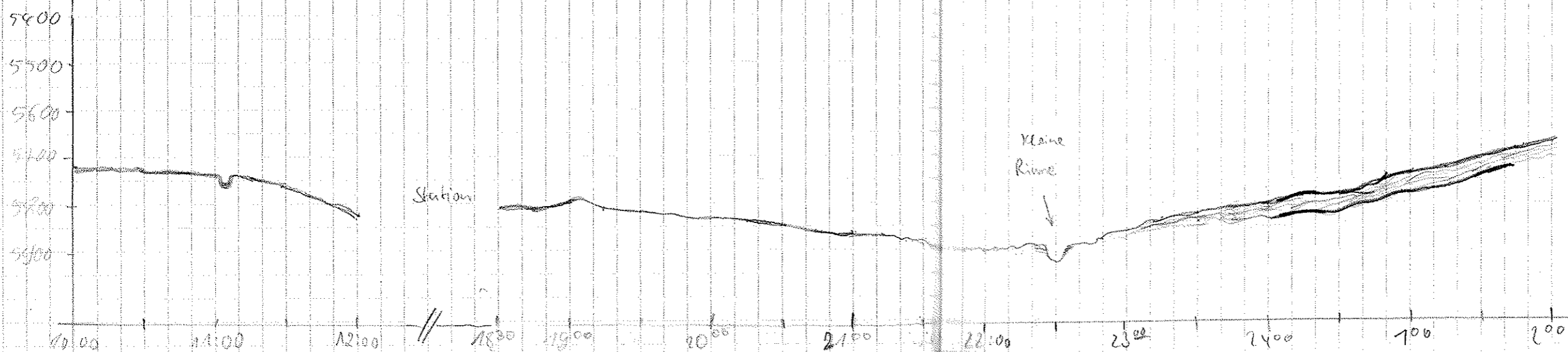


Date	Time (UTC)	Depth PS	Depth HS	Lat.	Long.	Speed	Kurs	Wende	Freq.	Pulse	Range	Scale	Mode	Sig	Freq.	Time	WT	R	H	M	Remarks
10/8/92	18:45	5265	5283	44°52.6 S	56°30.7 W	11.9	85.9	M. D. Joch	4	4	10000	200	4	S	40	266	5	0	3	1	
"	19:00	5279	5296	44°51.9 S	56°26.5 W	12.3	85.9	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	19:15	5289	5311	44°51.7 S	56°22.4 W	12.3	85.8	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	19:30	5302	5324	44°51.6 S	56°18.1 W	12.1	85.7	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	19:45	5324	5348	44°51.2 S	56°13.5 W	11.9	86.6	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	20:00	5335	5361	44°50.9 S	56°09.3 W	11.9	85.8	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	20:15	5368	5391	44°50.7 S	56°04.9 W	12.0	86.0	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	20:30	5377	5404	44°50.3 S	56°00.3 W	11.8	86.3	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	20:45	5410	5437	44°50.1 S	55°56.1 W	12.2	86.5	"	4	4	"	"	"	S	40	266	5	0	3	1	Papierrolle #1
"	21:00	5429	5457	44°49.3 S	55°51.6 W	12.1	86.5	Bollmann	4	4	"	"	"	S	40	266	5	0	3	1	
"	21:15	5446	5472	44°49.8 S	55°47.5 W	12.2	86.9	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	21:30	5451	5476	44°49.6 S	55°43.3 W	11.9	86.7	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	21:45	5455	5482	44°49.4 S	55°39.2 W	12.1	87.0	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	22:04	5470	5496	44°49.0 S	55°33.6 W	12.5	83.9	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	22:15	(4759)	5478	44°48.4 S	55°33.4 W	11.5	86.3	Pohlsch	4	4	10000	200	4	S	40	266	5	0	3	1	
"	22:31	(5467)	5487	44°48.2 S	55°25.9 W	12.2	86.3	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	22:45	5497	5468	44°48.1 S	55°21.8 W	12.4	86.6	"	4	4	"	"	"	S	40	266	5	0	3	1	
"	23:00	5509	5469	44°47.9 S	55°17.9 W	12.5	77.3	"	4	4	"	"	"	S	40	266	5	0	3	1	
10.5.92	6:00	5520	5547	44°46.2 S	55°12.4 W	12.7	80.1	Gr. gol	4	4	10000	200	4	S	40	133	5	0	3	1	(23:00 Station No. 3) speicherung ans
"	6:15	5539	5564	44°45.5 S	55°7.5 W	12.2	80.6	"	4	4	"	"	"	S	40	133	5	0	3	1	Abkürz. bei Bohr speicherung
"	6:30	5550	5578	44°45.5 S	55°4.1 W	12.0	78.0	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	6:45	5562	5592	44°43.5 S	55°58.8 W	12.0	80.5	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	7:00	5576	5605	43°41.5 S	54°6.1 W	12.2	82.9	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	7:18	5589	5618	42°46.5 S	49°6.1 W	12.2	84.7	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	7:30	5602	5630	42°2.5 S	46°1.1 W	12.3	81.4	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	7:45	5614	5646	41°57.5 S	42°1.1 W	12.5	81.5	Kulmer	4	4	"	"	"	S	40	133	5	0	3	1	
"	8:00	5626	5655	41°0.5 S	37°6.1 W	12.1	81.3	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	8:15	5638	5667	40°5.5 S	33°3.1 W	12.4	81.6	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	8:30	5645	5676	40°1.5 S	29°7.1 W	12.6	79.1	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	8:45	5646	5677	39°4.5 S	24°8.1 W	12.1	78.7	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	9:00	5653	5688	38°8.5 S	20°6.1 W	12.2	77.7	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	9:15	5662	5697	38°1.5 S	16°4.1 W	12.5	79.2	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	9:30	5680	5713	37°5.5 S	12°2.1 W	12.6	79.6	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	9:45	5688	5717	37°3.5 S	8°3.1 W	10.7	76.4	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	10:00	5703	5731	36°7.5 S	4°6.1 W	11.9	77.5	"	4	4	"	"	"	S	40	133	5	0	3	1	
"	10:17	5708	5732	36°0.5 S	53°59.7 W	12.2	77.7	"	4	4	"	"	"	S	40	133	5	0	3	1	

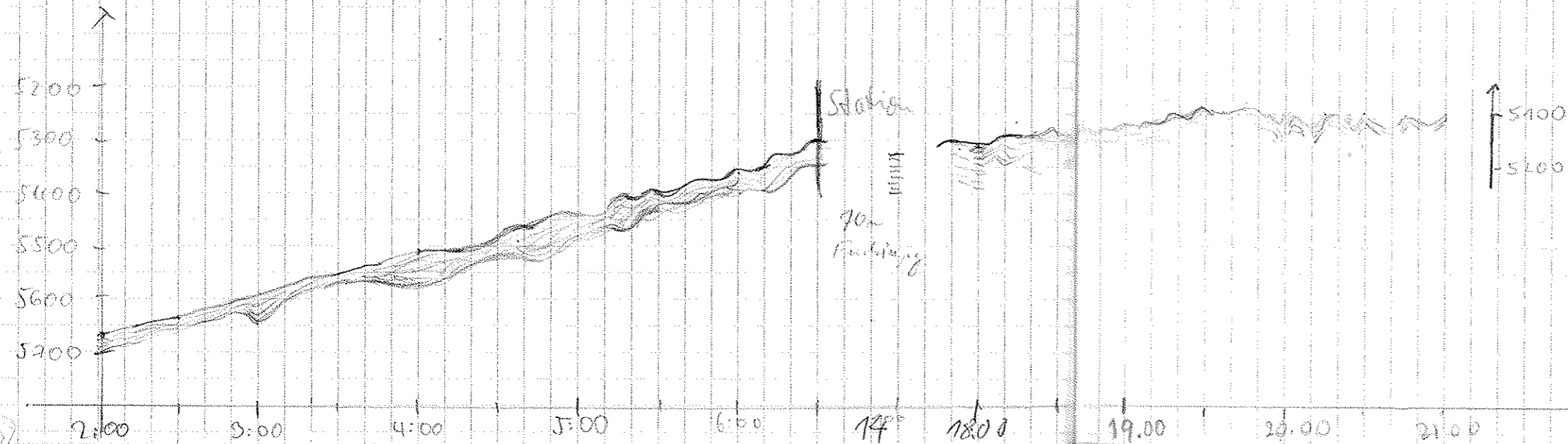


(23:00 Station No. 3)
speicherung ans
Abkürz. bei Bohr
speicherung

Date	Time	Depth PS	Depth HS	Lat	Long	Speed	Kurs	W. Die	Freq. Puls	Range	Scale	Note	Sig	Trig	Tran	Wf	R	H	M	Remarks	
11.8.92	10:30	5711	5742	44°35.5	53°56.2	12.5	79.0	Kahn	4 4	10000	200	4	5	40	133	1.9	0	3	1		
	10:45	5724	5758	34.8	52.1	12.4	74.7	"	" "	" "	" "	"	"	"	"	"	"	"	"	"	
	11:00	5738	5764	34.0	47.7	12.3	74.0	N. L.													
	11:15	5739	5769	33.6	45.3	11.9	77.9														
	11:31	5742	5779	33.2.5	41.5	11.9	78.1	Kahn													
	11:47	5758	5788	32.6.5	36.8	11.9	80.3	"													
	12:03	5772	5803	32.4.5	32.5	7.9	91.9	"													
	12:15	5750	5350	31.9.5	31.6	4.8	32.7	"	5.5												12:46 ... 150m
	14:47	Analog-Schreib-Rolle gewechselt																			
	18:31	-	5808	44°27.3'S	53°29.6'W	12.0	75.0		4.5 4	5000	100	4	5	40	133	1.9	0	3	1	Spurling on (line #5)	
	:40	-	5801	37.1'S	28.3'W	11.8	74.9														
	19:00	5791	5827	29.8'S	27.7'W	12.0	77.6		4.5 4	5000	100	4	5	40	133	1.9	0	3	1		
11.8.92	19:15	5808	5839	44°28.9'S	53°18.7'W	11.7	83.7	9. versch	4.5 4	5000	100	4	5	40	133	1.9	0	3	1		
"	19:30	5817	5849	44°28.6'S	53°15.2'W	11.9	82.3	"	4.5 4	5000	100	4	5	40	133	1.9	0	3	1		
"	19:45	5823	5857	44°28.0'S	53°10.2'W	12.5	82.1	"	4 4	5000	100	4	5	40	132	1.9	0	3	1	freq. wieder 4	
"	20:00	5832	5863	44°27.6'S	53°06.1'W	12.1	75.8	"	4 4	5000	100	4	5	40	133	1.9	0	3	1		
"	20:15	5837	5872	44°26.9'S	53°02.0'W	11.5	77.0	"	4 4	5000	100	4	5	40	133	1.9	0	3	1		
"	20:30	5849	5885	44°26.3'S	52°57.9'W	11.8	80.0	"	4 4	5000	100	4	5	40	132	1.9	0	3	1		
"	20:45	5857	5894	44°25.8'S	52°53.7'W	12.3	81.9	"	4 4	5000	100	4	5	40	132	1.9	0	3	1		
"	21:00	5860	5895	44°25.4'S	52°49.6'W	12.1	78.1	"	4 4	5000	100	4	5	40	133	1.9	0	3	1		
"	21:17	5864	5902	44°24.6'S	52°44.8'W	12.0	77.9	Bollmann													
"	21:30	5878	5919	44°24.1'S	52°41.3'W	11.9	78.0	"													
"	21:45	5890	5932	44°23.4'S	52°37.1'W	11.9	77.5	"													
"	22:07	5893	5934	44°20.98'S	52°29.6'W	12.8	82.2	Pebdank	↓ ↓	↓ ↓	↓ ↓	↓ ↓	↓ ↓	↓ ↓	↓ ↓	↓ ↓	↓ ↓	↓ ↓	↓ ↓	↓ ↓	
"	22:15	5906	5951	44°20.6'S	52°26.0'W	13.0	82.1	"													
"	22:30	5889	5927	44°20.2'S	52°21.6'W	12.9	82.0	"													
"	22:45	5874	5910	44°19.8'S	52°17.1'W	12.6	82.1	"													
"	23:00	5848	5883	19.3'S	12.5'W	12.7	82.4	6. versch	4 4	5000	100	4	5	40	133	1.9	0	3	1		
"	23:15	5839	5871	19.3'S	7.3'W	12.9	79.2	"													
"	23:30	5826	5863	17.0'S	7.9'W	13.1	84.5	"													
"	23:45	5809	5857	16.5'S	57°57.37'W	13.1	84.1	"													
"	24:00	5786	5837	16.3'S	53.0'W	12.8	82.1	"													
12.8.92	0:15	5787	5826	16.1'S	48.4'W	12.7	78.6	"													
"	0:30	5774	5814	15.5'S	44.2'W	13.1	75.4	"													
"	0:45	5775	5791	14.8'S	39.5'W	13.1	78.6	"													
"	1:00	5739	5766	14.2'S	35.1'W	13.2	77.6	"													
"	1:15	5721	5752	13.2'S	30.0'W	13.1	78.6	"													
"	1:30	5704	5734	12.8'S	25.4'W	13.4	76.0	"													
"	1:45	5684	5720	11.6'S	20.9'W	13.5	76.5	"													

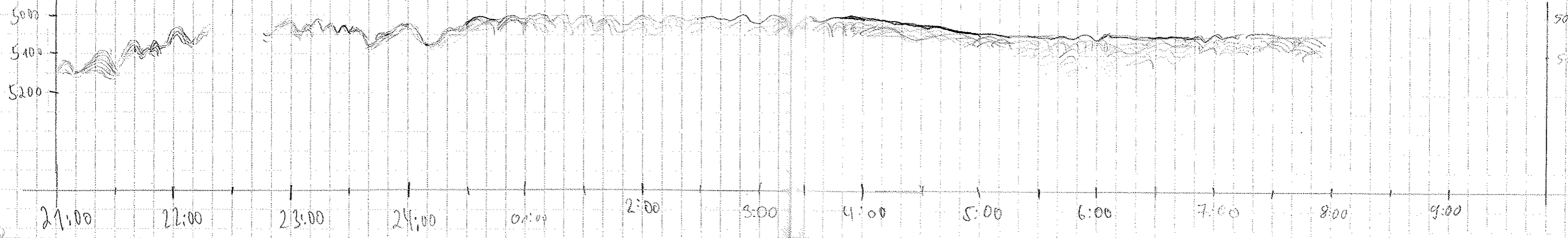


Date	Time	Depth PS	Depth HS	Lat.	Long.	Speed	Kurs	Wache	Freq	Puls	Ramp	Scale	Mode	Sig	Frg	Tim	of	R	H	M	Bemerkung remarks
12.8.92	2:00	5668	5700	44°10,7'S	51°15,8'W	13,3	75,3	Strige 1	4	4	5000	100	4	S	40	133	1,9	0	3	1	
"	2:15	5650	5677	10,5'S	11,9'W	13,0	78,6	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	2:30	5630	5660	10,0'S	9,5'W	12,9	79,1	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	2:45	5616	5643	9,4'S	3,1'W	13,1	78,2	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	3:00	5592	5625	9,3'S	50°58,7'W	13,2	78,2	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	3:15	5578	5608	8,6'S	53,7'W	13,1	96,2	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	3:30	5556	5584	7,8'S	49,3'W	13,4	76,6	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	3:45	5539	5570	7,0'S	45,0'W	13,2	95,9	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	4:05	5511	5544	7,2'S	39,1'W	13,3	96,4	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	4:15	5508	5533	6,7'S	36,2'W	13,5	76,4	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	4:30	5486	5510	5,8'S	31,6'W	13,5	72,7	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	4:45	5467	5489	5,7'S	28,6'W	12,5	93,7	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	5:00	5447	5467	4,9'S	24,7'W	12,8	90,5	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	5:15	5415	5437	3,8'S	20,4'W	12,7	70,8	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	5:18	5419	5437	3,6'S	19,6'W	12,3	71,2	"	4	4	5000	200	4	S	40	266	1,9	0	3	1	
"	5:30	5404	5428	2,7'S	16,1'W	12,7	90,5	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	6:00	5357	5375	1,0'S	7,5'W	12,5	78,3	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	6:15	5342	5360	44°05'S	3,5'W	13,1	78,6	"	"	"	"	"	"	"	"	"	"	"	"	"	"
"	6:33	-	5357	43°58,5'S	50°07,7'W	0,6	200,7	Kul	4	4	5000	100	4	S	40	133	0,0	0	3	2	Speicherung aus 17:55 MUC am Bord
"	17:20	5337	5357	43°58,7'S	50°07,8'W	0,4	25,7	"	4	4	Frequenzst. i. Kanal 500	100	4	S	40	266	1,9	0	3	2	17:26 SL am Bord Frequenzst. mit 2 sim
"	17:37	5332	5356	43°58,5'S	50°08,7'W	4,6	70,7	"	4	4	500	100	4	S	40	266	1,9	0	3	1	13:45 Verluste ab SL-Position, At-
"	17:42	-	5360	43°58,6'S	50°06,4'W	0,7	62,9	"	4	4	16:42 neues Band	100	4	S	40	266	1,9	0	3	1	zuehig am SL-Position, At-
"	17:42	-	5360	43°58,6'S	50°06,4'W	0,7	62,9	"	4	4	16:42 neues Band	100	4	S	40	266	1,9	0	3	1	zuehig am SL-Position, At-
"	17:50	5324	-	43°58,1'S	50°05,9'W	5,5	107	"	4	4	5000	200	4	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord
"	18:01	5322	5338	43°59,0'S	49°57,3'W	14,2	97,9	"	4	4	5000	200	4	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord
"	18:11	5297	5316	43°59,4'S	49°52,5'W	14,9	97,9	Christie	4	4	5000	200	4	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord
"	18:30	5280	5292	43°59,7'S	49°47,6'W	14,8	97,3	"	4	4	"	"	"	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord
"	18:45	5255	5275	44°00,5'S	49°42,1'W	14,9	99,2	"	4	4	"	"	"	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord
"	19:00	5261	5280	44°01,1'S	49°37,5'W	14,6	98,4	"	4	4	"	"	"	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord
"	19:15	5271	5290	44°01,6'S	49°32,1'W	15,0	98,8	"	4	4	"	"	"	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord
"	19:30	5194	5225	44°02,0'S	49°27,1'W	14,9	92,6	"	4	4	"	"	"	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord
"	19:45	5197	5231	44°02,2'S	49°22,3'W	14,7	99,7	"	4	4	"	"	"	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord
"	20:00	5120	5207	44°02,9'S	49°17,3'W	14,8	98,9	"	4	4	"	"	"	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord
"	20:15	5177	5201	44°03,5'S	49°11,9'W	14,9	99,5	Beams	4	4	"	"	"	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord
"	20:30	5137	5200	44°04,0'S	49°07,0'W	15,1	95,9	"	4	4	"	"	"	S	40	266	1,9	0	3	1	Speicherung aus 17:55 MUC am Bord



15:46 Abtaste
bei Red SF
Filter 5

Date	Time	Depth PS	Depth HS	Lat.	Long.	Speed	Kurs	Wache	Freq	Puls	Range	Scale	Mode	Sig	Frg	Trm	wt	R	H	M	Remarks	
12.8.92	20:45	5121	5127	44° 04.47 S	49° 01.9 SW	14.9	98.2	Br xhims	4	4	5000	200	4	SBE	40	266	1.9	0	3	1	20:45 Abscherz	
"	21:19	5101	5142	44° 05.61 S	48° 51.32 W	13.0	100.0	SOHANN														} Navigationstafel Ende Band 6
"	21:30	5086	5158	44° 05.83 S	48° 48.28 W	12.7	98.0	"														
"	21:40	5070	5138	44° 06.21 S	48° 45.50 W	12.3	97.6	"														
"	22:05	5047	5078	44° 06.80 S	48° 38.20 W	12.3	95.6	"														
"	22:20	5043	5096	44° 07.15 S	48° 34.04 W	11.9	95.0	"														
"	22:36	(5032)	5086	44° 07.32 S	48° 34.57 W	12.3	95.9	Pels														
"	22:45	5039	5070	44° 07.81 S	48° 27.16 W	12.6	99.0	"														
"	23:00	5042	5099	44° 08.31 S	48° 22.64 W	12.2	98.0	"														
"	23:01	5042	5040	"	"	"	"	Kirk	4	4	5000	200	4	SBE	40	266	1.9	0	3	1		
"	23:13	5030	5069	44° 08.72 S	48° 18.65 W	12.6	97.4	"														
"	23:29	5037	5076	44° 09.13 S	48° 14.34 W	12.4	100.2	"														
"	23:44	5036	5042	44° 09.62 S	48° 09.97 W	12.0	97.8	"														
13.8.92	00:00	5042	5026	44° 10.05 S	48° 05.86 W	12.2	98.1	"														
"	00:15	5035	5066	44° 10.52 S	48° 04.53 W	12.7	100.8	"														
"	00:30	-	5060	44° 11.07 S	48° 57.32 W	12.1	99.8	"														
"	00:45	-	5039	44° 11.61 S	48° 53.12 W	12.3	100.3	"														
"	01:00	-	5026	44° 12.0 S	48° 49.0 W	11.8	99.3	Grigel	4	4	5000	200	4	S	40	266	1.9	0	3	1	digitale Daten für den 175. Lage Ableserhalt	
"	1:15	-	4993	44° 12.5 S	48° 44.9 W	11.3	96.5	"														
"	1:32	-	5021	44° 12.8 S	48° 44.2 W	12.2	93.9	"														
"	1:45	-	5010	44° 13.0 S	48° 36.5 W	11.7	94.5	"														
"	2:00	-	5024	44° 13.2 S	48° 32.6 W	11.7	93.7	"														
"	2:15	-	5024	44° 13.4 S	48° 28.3 W	11.9	96.3	"														
"	2:30	-	4984	44° 13.6 S	48° 24.4 W	11.7	96.3	"														
"	2:45	-	5010	44° 13.9 S	48° 20.1 W	12.2	95.8	"														
"	3:05	-	5073	44° 14.4 S	48° 14.0 W	11.8	99.7	"														
"	3:18	-	5023	44° 14.8 S	48° 11.0 W	11.7	99.7	"														
"	3:33	-	5017	44° 15.3 S	48° 7.0 W	11.9	98.6	"														
"	3:52	-	5019	44° 15.8 S	48° 2.0 W	11.4	98.2	"														
"	4:07	-	5021	44° 16.1 S	46° 59.4 W	11.8	100.1	"														
"	4:20	-	5030	44° 16.8 S	48° 54.2 W	11.8	94.6	"														
"	4:35	-	5029	44° 17.1 S	48° 50.4 W	12.1	96.5	"														
"	5:00	-	5050	44° 17.7 S	48° 43.9 W	12.3	96.8	"														
"	5:15	-	5052	44° 18.1 S	48° 39.1 W	11.9	96.9	"														
"	5:30	-	5053	44° 18.5 S	48° 34.8 W	11.6	96.0	"														
"	5:48	-	5055	44° 18.9 S	48° 30.4 W	11.5	98.8	"														
"	6:03	-	5051	44° 19.4 S	48° 26.7 W	12.0	98.0	"														
"	6:26	-	5050	44° 19.9 S	48° 18.8 W	12.0	96.8	"														
"	6:48	-	5046	44° 20.5 S	48° 14.1 W	11.8	96.3	"														
"	7:00	-	5039	44° 20.9 S	48° 10.4 W	12.2	98.8	"														
"	7:16	-	5035	44° 21.4 S	48° 6.0 W	12.8	100.3	"														
"	7:33	-	5039	44° 22.0 S	48° 1.3 W	12.1	97.5	"														
"	7:44	-	5032	44° 22.4 S	45° 54.3 W	12.4	97.8	"														
"	8:00	-	5037	44° 22.7 S	48° 33.9 W	11.5	95.7	"														



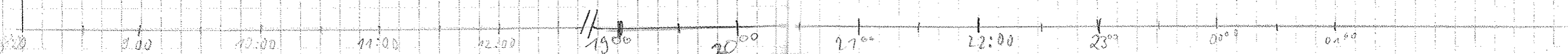
max 140 MB
Band 129, 4 MB
Zeit bei next Tape in ...
wird immer größer
Fordon - 29.8.99
Zeit nicht mehr...

Date	Time UTC	Depth ps	Depth fms	Lat.	Long.	Speed	Kurs	Wache	Freq. Pulse	Range	Scale	Mode	Sig.	Fig.	Time	Wt	R	H	M
13.08.92	8:18	-	5007	49° 23,1'S	45° 49,0'W	11,9	97,8	Kahn	4 4	5000	200	4	S	40	266	1,9	0	3	1
	8:30	-	5028	25,5'S	45,6'W	12,1	100,2	"											
	8:45	-	5022	24,0'S	47,5'W	12,1	97,6	"											
	9:00	-	5030	24,4'S	37,3'W	11,9	94,8	"											
	9:15	-	4993	24,8'S	33,7'W	10,2	95,1	"											
	9:31	-	4976	24,9'S	28,6'W	12,2	96,7	"											
	9:45	-	4979	25,3'S	24,2'W	11,2	98,4	"											
	10:00	-	4971	25,7'S	19,4'W	14,0	96,0	"											
	10:15	-	4873	26,1'S	14,5'W	14,1	94,6	"											
	10:30	-	4866	26,5'S	9,6'W	14,4	97,1	"											
	10:45	-	4863	26,9'S	4,5'W	13,8	94,0	"											
	11:00	-	5024	27,4'S	49° 59,7'W	13,6	100,1	"											
	11:15	5039	5034	28,104'S	54,683'W	14,0	101,4	Kahn											
	11:30	5033	5069	28,688'S	50,320'W	14,2	101,6	"											
	11:45	5039	5069	29,358'S	45,299'W	13,9	103,8	"											
	12:00	5033	5081	29,214'S	40,459'W	14,4	91,7	"											
	12:15	5036	5113	29,789'S	35,499'W	14,6	89,2	"											
	12:29	5032	5106	29,848'S	31,012'W	14,1	96,7	"											
	12:41	-	5116	44° 30,40'S	44° 27,986'W	7,3	183,7		5.5										
	18:57	5085	5110	44° 30,8'S	44° 27,9'W	3,2	256,8	Grügel		5000	100	4	S	40	266	.0	0	3	2
	19:30	5084	5110	44° 30,0'S	44° 28,7'W	2,4	45,7	Grügel	4 4	5000	200	4	S	40	266	1,9	0	3	1
	19:45	5076	5104	44° 30,0'S	44° 25,3'W	12,3	95,5	Marian	4 4	5000	200	4	S	40	266	1,9	0	3	1
	20:00	5069	5093	44° 30,1'S	44° 21,1'W	12,6	93,5	Marian	4 4	5000	200	4	S	40	266	1,9	0	3	1
	20:15	5049	5076	44° 30,4'S	44° 16,9'W	11,6	95,9	Marian	4 4	5000	200	4	S	40	266	1,9	0	3	1
	20:30	5048	5076	44° 30,9'S	44° 12,7'W	11,7	99,0	Marian	" "	"	"	"	"	"	"	"	"	"	"
	20:45	5039	5060	44° 31,4'S	44° 09,7'W	12,0	99,7	Marian	" "	"	"	"	"	"	"	"	"	"	"
	21:00	5030	5051	44° 31,7'S	44° 04,6'W	12,6	95,9	Marian	" "	"	"	"	"	"	"	"	"	"	"
	21:16	5029	5051	44° 32,3'S	44° 00,2'W	11,9	83,7	BOHMAN	" "	"	"	"	"	"	"	"	"	"	"
	21:28	5025	5045	44° 32,7	43° 57,1	11,9	100,3	"											
	21:45	5026	5048	33,4'S	52,4'W	11,8	100,8	Grügel											
	22:00	5023	5047	34,0'S	48,5'W	11,8	101,3	Grügel											
	22:25	5023	5047	34,6'S	47,6'W	11,4	96,0	"											
	22:42	5011	5052	44° 35,00'S	43° 36,55'W	12,3	86,1	Pullin											
	23:00	5040	5065	35,449'S	31,562'W	12,3	99,1	Grügel	4 4	5000	200	4	S	40	266	1,9	0	3	2
	23:15	5036	5061	35,781'S	27,702'W	12,2	97,4	"											
	23:30	5041	5063	36,117'S	23,441'W	11,7	95,4	"											
	23:45	5048	5067	36,446'S	19,134'W	12,3	97,5	"											
	24:00	5044	5071	36,828'S	14,835'W	12,1	97,6	"											
14.8.92	00:16	5042	5065	37,287'S	10,159'W	12,2	97,3	"											
14.8.92	00:30	5049	5068	37,640'S	06,126'W	11,6	96,8	"											
"	00:45	5048	5068	37,972'S	02,507'W	12,0	97,5	"											
"	01:00	5042	5061	38,283'S	58,227'W	12,0	96,8	"											

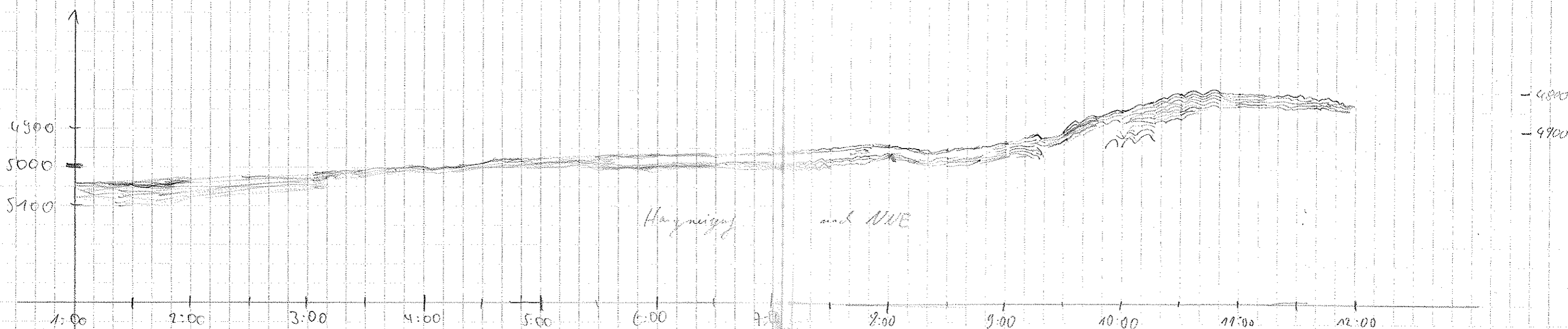
900 Band No. 7
1000 Band No. 8

Station begin St. 15
Frequenz Test
ohne 4/4 bei 35/4
zum Schluss 4,5/4

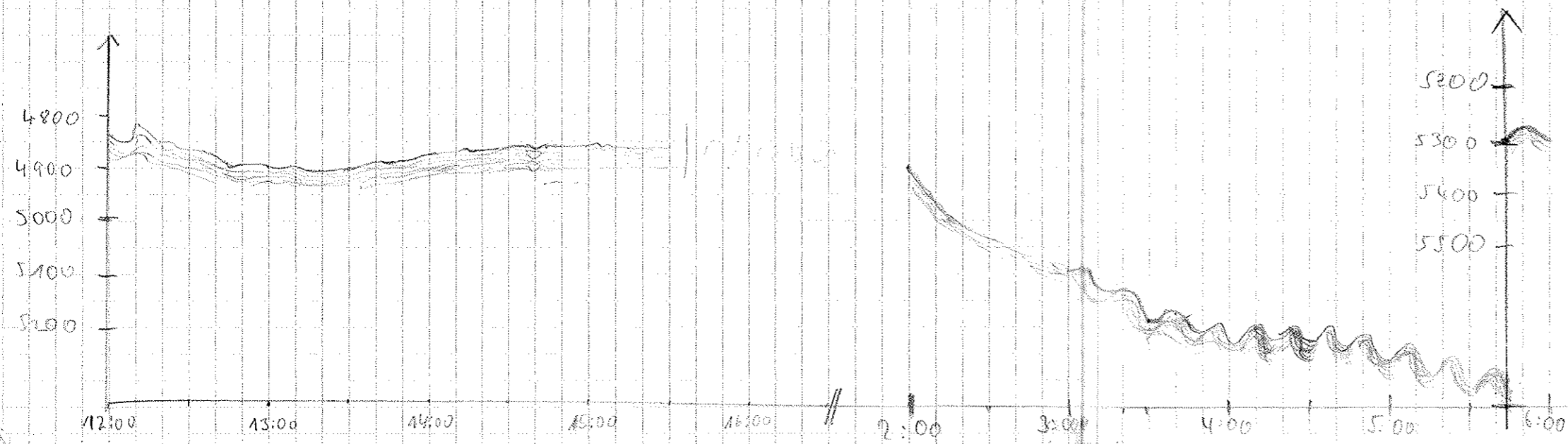
4900
5000
5100
5200
E
150m



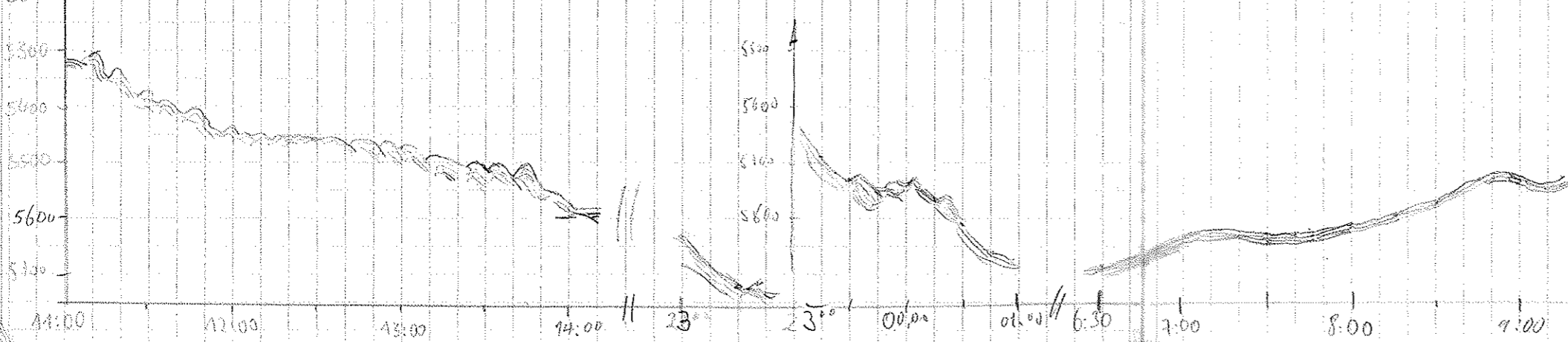
Date	Time	Depth PS	Depth HS	Lat.	Long.	Speed	Knots	Wave	Hz	Range	Scale	Mode	Sig	Temp	WT	R	H	M	Remarks				
14.8.92	1:15	5042	5065	41°38.6'S	42°53.8'W	11.7	95.8	Original	4	4	5000	200	4	5	40	266	1.9	0	3	1			
	1:30	5037	5062	39.5'S	50.0'W	12.4	95.8																
	1:47	5034	5060	39.7'S	45.3'W	12.1	94.7																
	1:52	5030	5053	38.2'S	43.6'W	11.9	93.3																
	1:58	5028	5049	39.3'S	42.0'W	12.0	94.6																
	2:17	5030	5053	39.6'S	36.7'W	12.0	95.0			4	4	5000	100	4	5	40	266	5.0	0	3	1	End line #8 Begin line #9	
	2:33	5030	5055	39.8'S	32.7'W	12.0	92.3																2:38 Paper speed 1.5000
	2:45	5026	5050	40.0'S	28.0'W	12.2	95.2																
	3:15	5026	5038	40.5'S	20.5'W	12.4	98.5																
	3:30	5013	5036	40.9'S	16.5'W	12.0	99.0																
	3:48	5008	5027	41.5'S	17.7'W	12.3	100.3																
	4:20	4996	5017	42.6'S	8.9'W	12.2	96.7																
	4:33	4987	5023	42.9'S	47°59.1'W	12.2	95.6																
	4:50	4980	5000	43.3'S	54.4'W	11.6	94.7																
	5:00	4982	5000	43.5'S	57.4'W	11.2	97.1																
	5:22	4982	4999	43.9'S	45.6'W	11.7	96.9																
	5:45	4978	4994	44.5'S	39.4'W	11.7	96.9																
	6:00	4975	4991	44.9'S	35.1'W	12.6	93.8																
	6:30	4976	4985	45.1'S	26.8'W	12.1	95.0				200?												
	6:45	4979	4995	45.6'S	22.6'W	12.7	97.2				200?												
	7:00	4978	5003	46.0'S	18.5'W	11.8	97.3	Kulm	4	4	5000	100	4	5	40	133	5.0	0	3	1	7:7 Paper speed 1.2000		
	7:15	4971	4992	46.5'S	41°14.3'W	12.1	102.5	"															
	7:30	4963	4980	47.1'S	10.2'W	12.1	97.2	"															
	7:45	4957	4983	47.4'S	06.0'W	11.6	94.8	"															
	8:00	4952	4970	47.8'S	02.0'W	11.7	98.5	"															
	8:15	4955	4971	48.0'S	40°57.9'W	11.4	96.5	"															
	8:30	4952	4967	48.1'S	53.8'W	10.7	95.8	"															
	8:46	4942	4963	48.4'S	49.4'W	12.6	95.2	"															
	9:00	4936	4964	48.8'S	45.5'W	12.1	97.8	"															
	9:15	4914	4930	49.2'S	47.1'W	12.4	98.6	"															
	9:30	4907	4920	49.6'S	36.6'W	14.7	97.6	"															
	9:45	4866	4885	50.0'S	37.6'W	14.2	97.0	"															
	10:00	4851	4868	50.4'S	26.6'W	14.3	97.1	"															
	10:16	4825	4846	50.9'S	20.8'W	14.3	96.9	"															
	10:30	4804	4829	51.3'S	16.1'W	14.7	97.0	"		4	4	5000	200	4	5	40	266	5.0	0	3	1		
	10:45	4802	4817	51.7'S	10.9'W	15.2	95.6	"															
	11:00	4799	4816	41°52.1'S	40°05.7'W	14.8	98.0	Brookm S.															
	11:15	4806	4826	41°52.6'S	40°00.7'W	14.7	95.8	"															



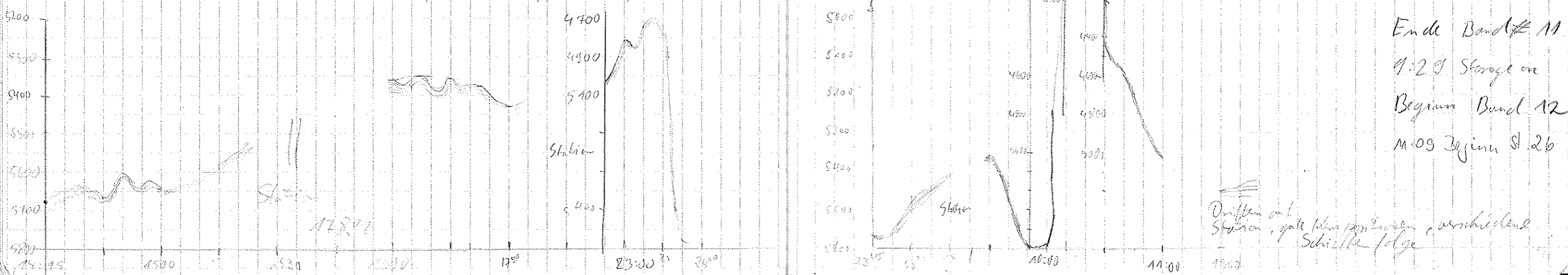
Date	Time	Depth PS	Depth WS	Lat.	Long.	Speed	Kurs	Wache	Flug	Rilse	Range	Scale	Mode	Sig	Fig	Tim	Est	R	H	M	Remarks	
14.8.92	11:30	4812	4826	44°53.1'S	38°55.4'W	14.9	97.9	Bräms	4	4	5000	200	4	S	40	266	5.0	0	3	1		
1	11:45	4824	4837	44°53.5'S	38°50.2'W	14.5	98.4	"														Ende Rolle 2
	12:00	4841	4856	44°53.9'S	38°45.2'W	14.7	95.1	"														Beginn Rolle 3
	12:15	4846	4866	44°54.2'S	38°40.1'W	14.6	96.1	"														
	12:30	4840	4895	44°54.8'S	38°34.2'W	14.6	95.8	Klein														
	12:45	—	4903	44°55.2'S	38°29.7'W	14.8	96.0	"														
	13:00	4907	4977	44°55.5'S	38°24.6'W	14.9	96.2	Christie														
	13:15	4910	4932	44°55.9'S	38°19.4'W	14.6	95.6	"														
	13:30	4905	4925	44°56.3'S	38°14.4'W	15.0	96.7	"														
	13:45	4892	4907	44°56.7'S	38°09.0'W	15.4	97.2	"														
	14:00	4875	4894	44°57.2'S	38°03.8'W	15.0	98.2	"														
	14:15	4871	4887	44°57.6'S	38°58.5'W	14.4	98.2	"														
	14:30	4866	4880	44°58.1'S	38°53.3'W	14.8	96.1	"														
	14:45	4858	4875	44°58.6'S	38°48.2'W	14.7	97.8	"														
	15:00	4859	4877	44°59.1'S	38°43.1'W	14.5	96.4	"														
	15:16	4866	4884	44°59.6'S	38°37.2'W	15.2	99.7	Unklar														
	15:30	4864	4879	45°00.1'S	38°33.0'W	13.8	101.1	"														
	15:57	4873	4889	45°00.7'S	38°32.6'W	14.1	101.7	"														
	20:25	4878	4896	45°00.8'S	38°32.7'W				Frq. Test		5000	100	4	S	40	133	5.0	0	3	2	19.22 SL auf Gmd	
	20:58	4875	4887	45°00.5'S	38°32.0'W	11.2	136.0		5.5	4	5000	100	4	S	40	266	5.0	0	3	1	FREQUENT TEST beendet	
15.8.92	2:00	4904	4918	45°01.6'S	38°31.1'W	5.1	165.5	Grügel	4	4	5000	100	4	S	40	260	5.0	0	3	7	Spreibung an	
	2:17	4996	5029	3.9'S	30.3'W	12.2	167.5	"	4	4	5000	200	4	S	40	260	5.0	0	3	1	Start Band 10	
	2:30	(5021)	5078	6.4'S	29.6'W	11.9	167.0	"														
	2:45	(5024)	5138	9.5'S	28.7'W	11.7	164.0	"														
	3:00	5146	5177	11.9'S	26.8'W	11.9	158.9	"														
	3:15	5153	5184	14.7'S	25.3'W	11.6	160.3	"														
	3:30	5187	5207	17.5'S	23.9'W	11.6	153.3	"														
	3:45	5192	5223	20.2'S	22.6'W	11.8	159.6	"														
	4:00	5196	5225	23.0'S	21.2'W	11.7	167.2	"														
	4:15	5199	5240	25.8'S	19.9'W	11.6	158.0	"														
	4:30	5215	5249	28.7'S	18.5'W	11.6	169.4	"														
	4:45	5237	5271	31.8'S	16.9'W	12.1	159.9	"														
	5:00	5234	5255	34.3'S	15.6'W	11.9	158.9	"														
	5:15	5214	5258	37.2'S	14.0'W	12.1	152.5	"														
	5:30	5225	5258	39.8'S	12.2'W	11.8	162.7	"														
	5:47	5293	5326	43.1'S	11.3'W	11.7	164.0	"														
	6:00	5288	5322	45.5.0'S	38°10.5'W	2.2	204.5															Station / Speidlung aus



Date	Time	Depth	Lat	Long	Speed	Kts	Waves	Freq. Pals	Range	Scale	Line	Sig	Freq	Trans	Ext	R	U	M	Remarks				
15.8.92	10:22	5272	5320	45°45'8"S	38°10'4"W	4.7	162.3																
"	10:45	5333	5364	45°46'S	8'4"W	12.3	162.4																
"	11:00	5373	5340	52.5'S	7.09	12.3	162.7	Brilliant															
"	11:15	5355	5382	55.5'S	5.7'W	12.1	163.7	"															
"	11:30	5362	5398	58.4'S	4.4'W	12.5	164.3	"															
"	11:45	5363	5426	46°04.3'S	38°03.2'W	12.2	161.7	"															
"	12:00	5107	5393	04.3'S	07.1'W	12.2	163.8	"															
"	12:15	5107	5473	07.3'S	00.7'W	12.4	163.4	"															
"	12:30	-	5576	16.0'S	37°57.0'W	12.9	163.5	High															
"	13:15	5180*	5508	46°19.2'S	37°55.7'W	12.5	164.5	Ch.istic															
"	13:30	5508	5548	22.3'S	54.4'W	12.6	164.1	"															
"	13:45	5530	5570	25.3'S	53.2'W	12.2	164.0	"															
"	14:00	5566	5599	28.3'S	51.9'W	12.2	162.4	"															
"	14:06	5588	5621	29.7'S	51.2'W	8.8	169.0	"															
"	14:12	5586	5620	30.0'S	51.4'W	6.5	249.5	"															
"	22:06	5573	5674	28.4'S	50.5'W	1.7	181.2	High															
"	22:30	5603	5640	32.8'S	48.7'W	13.0	161.3	Per.istic	4	4	5000	200	4	S	40	266	30	0	3	1	18:30 Storage on Verhalten aus St. Positione		
"	22:45	5678	-	39.7'S	47.5'W	13.0	169.2	"														20:07. St. on Ground 7259-3	
"	23:00	5631	(5001)	39.0'S	46.3'W	13	168.0	"															
"	23:15	5649	5694	42.187'S	45.158'W	12.9	162.2	K.istic	4	4	5000	200	4	S	40	266	50	0	3	1	20:20 Storage on Frequenz 5.5 kHz P 5.5 kHz P. 4.5 kHz P 5.5 kHz P		
"	23:30	5703	5736	45.388'S	43.994'W	13.0	166	"															
"	23:45	5717	5755	48.505'S	42.790'W	13.4	165.3	"															
16.8.92	00:00	-	5760	51.704'S	41.525'W	12.9	164.9	"															20:41 Storage off
"	00:15	5714	5786	54.879'S	40.226'W	13.3	164.9	"															
"	00:30	-	5812	58.00'S	38.745'W	12.6	164.6	"															
"	00:45	-	5859	47°00.749'S	37.553'W	13.3	164.9	"															
"	01:00	-	5875	04.275'S	36.202'W	13.1	165.8	"															
"	1:15	5851	5911	47°07.5'S	37°34.8'W	13.6	160.5	Un.istic	4	4	5000	200	4	S	40	266	50	0	3	1	Hydrogen was un- satisf. dann auf 2.9 kHz möglich kein Storage, Random etc.		
"	1:30	5865	5912	47°10.6'S	37°33.2'W	13.4	161.0	"	4	4	"	"	"	"	"	"	"	"	"	"	"		
"	1:45	5861	-	47°13.4'S	37°30.7'W	11.0	145.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
"	2:00	5873	5882	15°0'S	39.5'W	4.8	258.1	G.istic															
"	2:10	5876	5898	14.9'S	37.4'W	1.1	286.0	"	5.5	4	5000	200	4	S	40	266	50	0	3	1	inhib. kleinst Frequenzwert Speidung aus Station		
"	6:32	5880	5925	20.6'S	29.2'W	13.8	161.3	"	4	4	5000	200	4	S	40	266	50	0	3	1	Speidung aus Station		
"	7:00	5830	5875	26.3'S	26.3'W	17.5	166.7	"															Speicherung an
"	7:30	5838	5882	32.4'S	23.0'W	13.5	163.9	Un.istic															
"	7:45	5848	5871	36.4'S	22.3'W	13.4	163.7	"															
"	8:00	5816	5859	39.3'S	21.0'W	13.2	163.6	"															
"	8:15	5790	5832	42.5'S	19.6'W	12.7	162.3	"	4	4	5000	100	4	S	40	133	50	0	3	1	8:10 Ende Band #10		
"	8:30	5747	5779	45.5'S	18.2'W	13.7	163.3	"															Line #10
"	8:45	5736	5795	48.6'S	16.9'W	12.8	162.8	"															Beginn Line #11
"	9:00	5728	5768	51.7'S	15.6'W	13.0	165.0	"															
"	9:15	5718	5755	54.5'S	13.5'W	12.4	137.7	"															

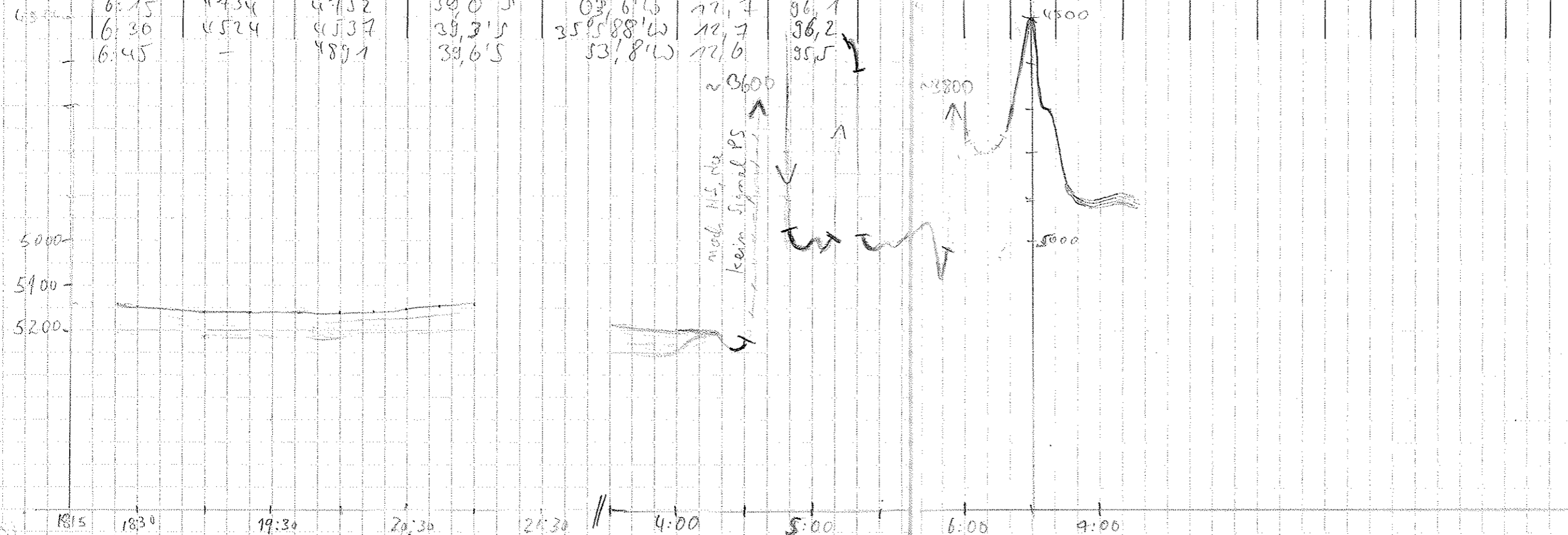


Date	Time UTC	Depth PS	Depth HS	Lat.	Long.	Speed	Kurs	Wasser	Freq	Rate	Range	Scale	Mode	Sig	Freq	Time	wt	R	N	M	remarks	
16.8.92	9:38	5692	5728	47° 58,6' S	37° 10,96' W	6,6	243,6	Klar	4	4	5000	100	4	S	40	133	50	0	3	1	Spülung aus Programm ablesen mit dem R6001 - nullpositiv assigniert	
	9:45	5692	5729																			
	14:15	5693	5698	48° 01,4' S	37° 13,7' W	7,8	262,8	"														
	14:30	5658	5634	48° 02,5' S	37° 17,8' W	12,8	468,8	"														
	14:45	5619	5655	48° 07,1' S	37° 10,1' W	12,4	458,4	"														
	15:00	5545	5583	48° 08,8' S	37° 08,9' W	12,3	450,9	Klar	4	4	5000	100	4	S	40	133	50	2	2	1		
	15:15	5577	5632	48° 09,6' S	37° 10,2' W	12,1	461,8	"														
	15:30	5562	5590	48° 15,87' S	37° 06,69' W	10,9	465,3	"														
	15:45	5532	5562	48° 18,8' S	37° 04,4' W	11,7	465,4	Klar														
	16:00	5507	5538	48° 21,7' S	37° 03,7' W	12,0	463,0	Milch														
	16:15	5484	5515	48° 24,6' S	37° 02,0' W	11,8	465,2	"														
	16:30	5335	5430	48° 27,6' S	37° 00,3' W	12,3	467,4	"														
	16:40	5409	5418	48° 28,9' S	37° 00,6' W	6,6	243,9	"	5,5	4	"	"	4	"							Station Sperding aus	
17.8.92	8:20	5362	5402	48° 29,2' S	37° 00,5' W	4,9	235,0	Klar	5,5	4	5000	100	4	S	40	133	0	0	3	2	Station Sperding aus	
	8:57	5376	5401	48° 29,5' S	37° 00,9' W	0,3	12,4	"	4,5	2	"	50										Beginn Fragartete
	15:00	5300	5377	48° 30,1' S	37° 00,7' W	1,0	21,6	"				100	4	S	40	133	50	0	3	1	Ende Fragartete	
	16:00	5303	5358	48° 31,7' S	37° 00,3' W	8,7	400,3	"		4	"	"										Storage on
	16:15	5327	5355	48° 35,1' S	37° 00,2' W	10,6	495,4	Milch	4,5	"	"	"										
	16:30	5326	5352	48° 37,6' S	37° 00,5' W	8,7	476,5	Milch	4,5	"	"	"										
	16:45	5349	5379	48° 39,8' S	37° 00,2' W	9,0	474,1	Milch	"	"	"	"										
	17:00	5355	5430	48° 42,0' S	36° 59,0' W	8,6	476,4	Milch	"	"	"	"										
	17:15	5386	5385	48° 44,1' S	36° 59,3' W	8,2	468,4	Milch	"	"	"	"										
	17:30	5380	5407	48° 43,2' S	37° 00,3' W	5,7	276,5	Milch	5,5	"	"	"										Station Sperding aus
	18:15	5204	5208	47° 44,6' S	36° 57,9' W	8,6	476,7		4													17:29 MIC an Bord
	22:49	4955	4948	48° 49,9' S	36° 57,5' W	9,0	476,4															
	23:02	4778	4802	48° 51,87' S	37° 04,1' W	9,5	483,3	Klar														
	23:15	-	4745	48° 53,82' S	37° 04,3' W	8,7	488,5	"														
	23:30	-	4729	48° 55,98' S	37° 06,4' W	8,5	484,7	"														
	23:45	-	5364	48° 58,19' S	37° 08,1' W	9,0	487,5	"														
18.8.92	00:00	5439	5472	49° 00,87' S	37° 09,1' W	9,0	488,2	"														
	00:15	5378	5406	49° 02,69' S	37° 08,2' W	6,3	202,7	"														
	6:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Station Sperding / SO aus
	9:29	5367	5393	49° 05,45' S	36° 59,58' W	7,9	489	Klar	4	4	5000	200	4	S	40	266	50	0	3	1	Programm ablesen	
	9:45	5553	5585	49° 07,53' S	36° 55,40' W	8,7	468	"														Neustart
	10:00	5553	5399	49° 09,94' S	36° 56,21' W	8,0	461	"														SL an Bord 4:23
	10:15	3772	3770	49° 11,38' S	36° 57,95' W	7,3	415	"														Storage off
	10:32	4066	4135	49° 13,64' S	36° 58,5' W	8,3	475	"														49° 07,0' S 5548m
	10:45	4667	4685	49° 15,32' S	36° 59,3' W	8,3	472	"														36° 58,9' W
	11:00	5056	5070	49° 17,38' S	36° 59,9' W	8,0	478	"														7:27 MIC an Bord
	11:03	5130	5154	49° 18,06' S	36° 58,31' W	2,4	88	"														Ende Band 11



DATE	TIME UTC	DEPTH PS	DEPTH HS	LAT.	LONG.	SPEED	KURS	WAHRE	FREQUENZ	RANGE	SCALE	MODE	SIG	TIME	WT	2	4	M	REMARKS			
18.8.92	18:19	5147	5162	48° 23, 03'S	36° 50, 9' W	6, 4	738, 5		4	4	5000	100	4	5	40	266	5, 0	0	3	1	Speidlung an	
	18:30	5146	5166	49° 23, 75'S	36° 52, 6' W	7, 5	237, 8	Christie														
	18:45	5154	5174	49° 24, 76'	36° 55, 12' W	7, 9	236, 9				200											
	19:00	5160	5187	49° 25, 79'S	37° 00, 07' W	7, 7	238, 0															
	19:15	5163	5187	26, 87'S	37° 00, 07' W	8, 0	236, 2															
	19:30	5164	5183	27, 84'S	37° 02, 57' W	7, 7	236, 0															
	19:45	5162	5183	28, 84'S	04, 89' W	7, 2	237, 7															
	20:00	5159	5178	30, 00'S	07, 31' W	8, 0	235, 8															
	20:15	5155	5176	31, 01'S	09, 73' W	7, 7	234, 8															
	20:30	5157	5172	32, 03'S	12, 29' W	7, 7	242, 5															
	20:46	5149	5167	32, 97'S	14, 76' W	7, 4	243, 1															
	21:00	5146	5162	33, 95'	17, 37' W	7, 6	240, 1															
	21:13	5144	5164	34, 85'	19, 58' W	4, 8	216, 4	Huber	2, 5	1	5000	200	4	5	40	266	5, 0	0	3	1	auf Station	
	22:08	5144	5162	35, 55'	18, 7' W	1, 2	114, 2	Grügel														21:19 Storage off SL auf Grund

19.8.92	2:13	5152	5167					Grügel														Frequezlast Beginn beim Vorhole auf SL-Position, da Sedim. identisch	
	2:42	5153	5169	39, 8'S	13, 8' W	1, 7	136, 7	Grügel	4	4	5000	200	4	5	40	266	5, 0	0	3	1	Frequez fest Ende Emde Band 12 → 13		
	3:30	5172	5196	39, 51'S	00, 2' W	13, 4	89, 7															Noch Rolle ausdial	
	3:45	-	5209	39, 4'S	36° 54, 8' W	13, 9	87, 7		4	4	5000	200	4	5	40	266	5, 0	0	3	1	DESO-felb. E64		
	4:00	-	5203	39, 1'S	49, 1' W	14, 0	82, 9															3:38 DESO abschaltet 3:40 → anged. ablt	
	4:15	5198	5218	38, 7'S	44, 4' W	14, 1	83, 4																
	4:30	-	5150																				
	4:45	-	4064	38, 7'S	34, 1' W	14, 2	81, 9																
	5:06	4982	5003	38, 7'S	26, 7' W	14, 2	82, 7																
	5:15	-	4723	38, 4'S	23, 8' W	13, 1	82, 6																
	5:45	5086	5104	38, 7'S	13, 8' W	13, 3	83, 8																
	6:00	-	4374	38, 8'S	08, 6' W	12, 4	81, 7																
	6:15	4434	4752	39, 0'S	03, 6' W	12, 7	86, 1																
	6:30	4524	4737	39, 3'S	35° 58, 8' W	12, 7	86, 2																
	6:45	-	4891	39, 6'S	53, 8' W	12, 6	85, 5																



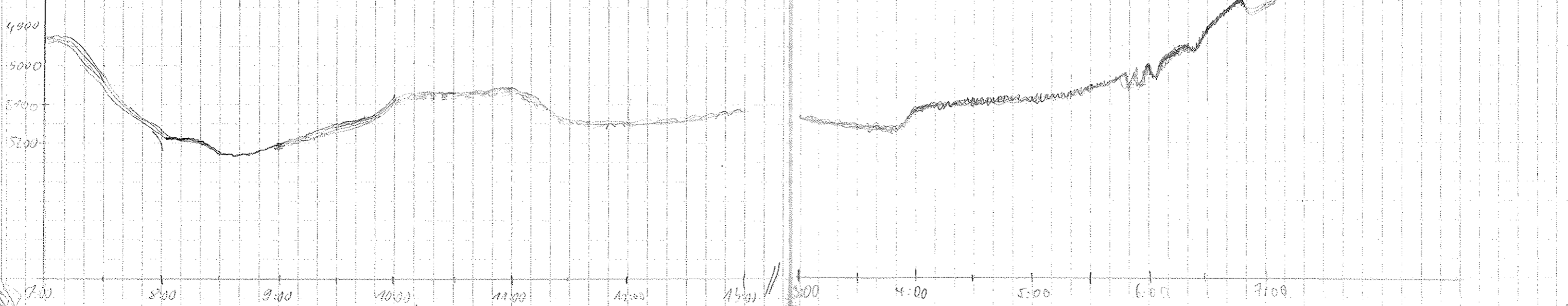
Frequezlast Beginn
beim Vorhole
auf SL-Position,
da Sedim. identisch
Frequez fest Ende
Emde Band ~~12~~ → ~~13~~

Noch Rolle ausdial
DESO-felb. E64
3:38 DESO abschaltet
3:40 → anged. ablt

3:58 DESO absch. da
Felb. bei Papiergest.
4:00 DESO anged. ablt
Felb. bleibt
6 statt 18mm/min
3 ~ 8mm/min
5:17 E064 DESO
abschaltet, da kein
Einfluss von Kanale
auf DESO mehr.
5:20 OCSO ang.
Felb. bei Papier bleibt

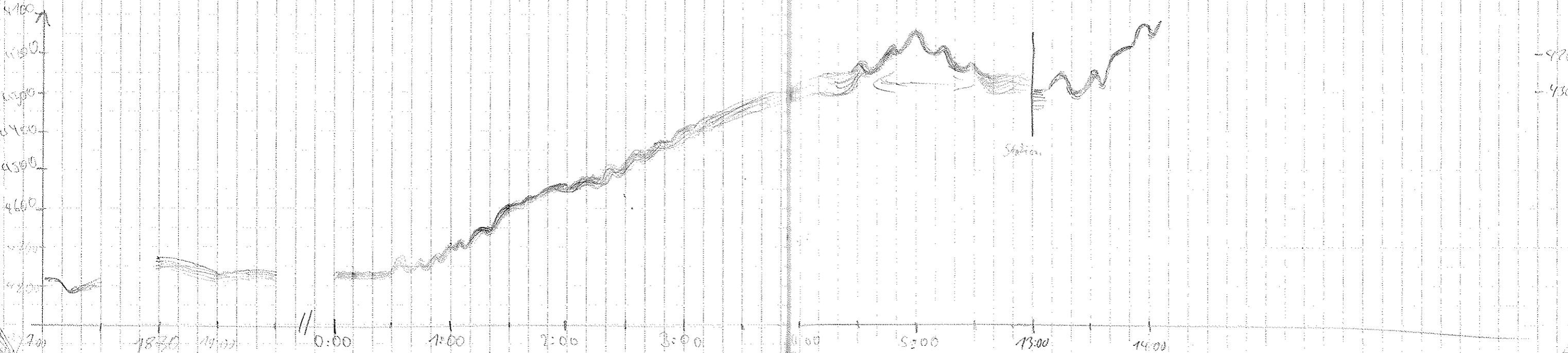
Date	Time	Depth PS	Depth HS	Lat.	Long.	Speed	Kurs	Water	Wave	Freq Pulse	Range	Scale	Mode	Sig	Freq. Tim	wt	R	H	M	Remarks		
19.8.42	7:06	4724	4942	49°39' 19" S	35°46' 11" W	12.7	95.1	K		4 4	5000	200	4	5	40	266	5.0	0	3	1		
	7:15	4963	4969	40' 14" S	43' 38" W	13.0	93.3	"														
	7:30	5080	5093	50' 34" S	39' 30" W	12.8	93.7	"														
	7:45	5123	5138	40' 57" S	39' 40" W	13.0	94.9	"														
	8:00	5182	5202	40' 73" S	29' 77" W	12.3	92.8	"														
	8:15	5200	5220	40' 90" S	29' 69" W	13.1	96.5	"														
	8:30	5201	5241	41' 45" S	19' 78" W	12.6	95.6	"														
	8:45	5236	5258	41' 43" S	14' 94" W	12.3	94.1	"														
	9:00	5203	5227	41' 40" S	9' 93" W	12.9	94.2	"														
	9:15	5172	5185	41' 96" S	5' 15" W	12.7	94.5	"														
	9:30	5147	5168	42' 25" S	0' 38" W	13.0	97.6	"														
	9:45	5132	5148	42' 27" S	34° 55' 19" W	13.2	96.3	"														
	10:00	5089	5108	43' 23" S	50' 24" W	13.5	97.7	"														
	10:15	5085	5104	43' 19" S	45' 39" W	13.0	94.9	"														
	10:30	5049	5093	43' 51" S	40' 62" W	12.7	98.1	"														
	10:45	5075	5082	43' 78" S	35' 27" W	13.4	91.5	"														
	11:00	5056	5069	44' 06" S	30' 10" W	13.3	97.6	"														
	11:20	5102	5117	44' 64" S	23' 62" W	12.9	98.1	Pe														
	11:45	5135	5151	46' 38" S	16' 41" W	13.3	96.6	"				100										
	12:34	5132	5151	45' 56" S	16' 11" W	12.2	234.0	K														
	12:50	5133	5146	45' 40" S	17' 58" W	12.3	286.0	"														
	13:00	5112	5137	45' 05" S	15' 35" W	8.0	286.0	"														
	13:15	5110	5126	44' 82" S	21' 51" W	2.5	282.4	"														
	13:49	5108	5125	45' 06" S	21' 40" W	1.7	160.4	"														

20.8.42	3:03	5132	5136	44' 11" S	16' 01" W	12.9	117.9	Gr		4 4	5000	100	4	5	40	133	5.0	0	3	1		
	3:48	5155	5154	42' 7" S	05' 01" W	13.4	137.7	"														
	4:00	5173	5173	43' 7" S	02' 31" W	13.9	138.2	"														
	4:16	5096	5098	52' 4" S	33° 58' 5" W	13.0	138.5	"														
	4:30	5034	5038	54' 7" S	55' 31" W	12.9	138.2	"														
	4:45	5093	5106	57' 1" S	51' 9" W	13.0	138.2	"														
	5:00	5082	5086	59' 4" S	48' 7" W	12.9	138.4	"														
	5:20	5068	5070	50° 02' 3" S	44' 31" W	12.4	137.0	"														
	5:30	5054	5058	04' 11" S	41' 9" W	13.3	136.7	"														
	5:45	5038	5035	06' 3" S	38' 6" W	13.2	135.0	"														
	6:00	4998	5003	8' 7" S	34' 8" W	12.6	134.1	"														
	6:15	4995	4990	11' 0" S	31' 31" W	13.4	134.7	"		4 4	5000	200	4	5	40	266	5.0	0	3	1		
	6:30	4901	4906	13' 2" S	27' 7" W	13.5	134.8	"														
	6:45	4896	4896	15' 6" S	24' 0" W	14.0	136.1	"														
	7:00	4842	4842	18' 1" S	20' 37" W	13.8	137.5	K														

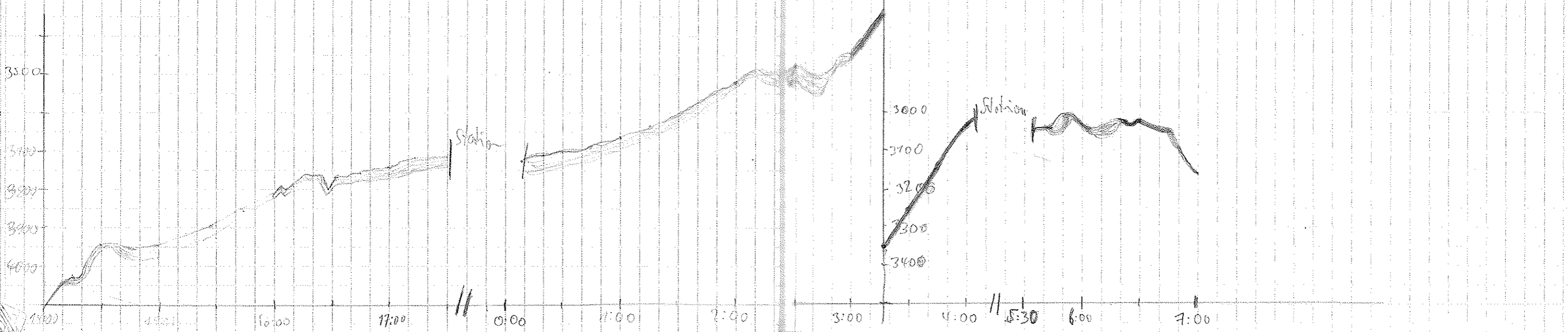


Storage off
Station, crawling
Storage on
Storage off
SL + Station
44:44 Storage
45:44 frequent
Storage on
Data Reception on

Date	Time UTC	Depth PS	Depth HS	Lat.	Long.	Speed	Kurs	Wache	Freq	Pulse	Range	Scale	Mod	Sig	Freq	Time	wt	R	A	M	Remarks		
20.8.92	7:05	4828	4823	50°20,52'S	53°16,86'W	18,0	135,4	Kamin	4	4	5000	200	4	5	40	266	50	0	3	1			
	7:30	4769	4764	22,52'S	12,06'W	5,2	104,8	"														Dalton's & Robinson Storage on	
	10:35	4752	4749	22,52'S	12,14'W	5,4	104,8	"				100				153							
	11:00	4777	4777	22,22'S	12,22'W	6,3	132,7	"															
	11:15	4778	4772	22,23'S	12,22'W	6,6	132,7	"															
	11:30	4789	4783	22,25'S	12,06'W	6,3	106,2	"															
	20:45	4780	4779	22,41'S	14,51'W	6,5	135,7	Silber	5,5	4	5000	100	4	5	40	133	50	0	3	1		Storage off Station 20:28, MAC on Ground Storage on/Valula auf Pos. 19:30	
	21:58	4788	4786	22,5'S	14,5'W	2,5	85,7																
	22:45	4782	4777	22,2'S	14,1'W	1,0	132,7																Storage off Station 20:28, MAC on Ground Storage on/Valula auf Pos. 19:30
	23:42	4777	4777	22,5'S	14,7'W	1,3	104,0																
21.8.92	00:10	4769	4761	22,6'S	13,2'W	1,1	104,0																Storage off Station 20:28, MAC on Ground Storage on/Valula auf Pos. 19:30
	0:30	4770	4764	23,1'S	12,0'W	7,5	136,0																
	0:45	4732	4724	24,3'S	8,6'W	10,9	139,0																
	1:00	4697	4696	27,0'S	5,2'W	12,8	133,2																
	1:15	4655	4646	29,7'S	2,5'W	13,1	135,5																
	1:30	4598	4592	31,5'S	32°57,7'W	13,3	132,7																
	1:45	4578	4568	33,8'S	54,0'W	13,4	134,2																
	2:00	4546	4537	36,1'S	50,6'W	13,3	137,6																
	2:15	4532	4524	38,5'S	47,0'W	13,0	136,5																
	2:31	4470	4457	41,1'S	43,3'W	12,6	132,3																
	2:45	4432	4424	43,2'S	40,2'W	12,5	139,5																
	3:15	4363	4347	49,5'S	34,0'W	11,9	132,6																
	3:30	4339	4324	49,7'S	30,4'W	12,6	131,6																
	3:45	4312	4288	51,9'S	26,7'W	12,6	131,2																
	4:00	4277	4253	54,0'S	23,4'W	12,8	137,0																
	4:15	4257	4236	56,2'S	19,9'W	12,3	134,0																
	4:30	4190	4177	58,3'S	16,1'W	12,6	133,7																
	5:00	4121	4106	59,3'S	13,8'W																		
	5:15	4208	4185	57,8'S	16,6'W																		
	5:50	4254	4235	55,0'S	22,2'W	2,3	124,1																
	13:04	4299	4282	52,69'S	19,0'W	1,2	37,3	Kamin	4	4	"	"											Station/Storage off 12:43, MAC on Ground
	13:21	4285	4273	52,82'S	18,62'W	13,0	128,3	"															
	13:30	4266	4247	53,07'S	13,62'W	12,4	127,7	"															
	13:45	4183	4162	57,56'S	9,82'W	12,9	133,9	"															
	14:00	4157	4113	58,24'S	5,77'W	13,0	131,5	"				100											



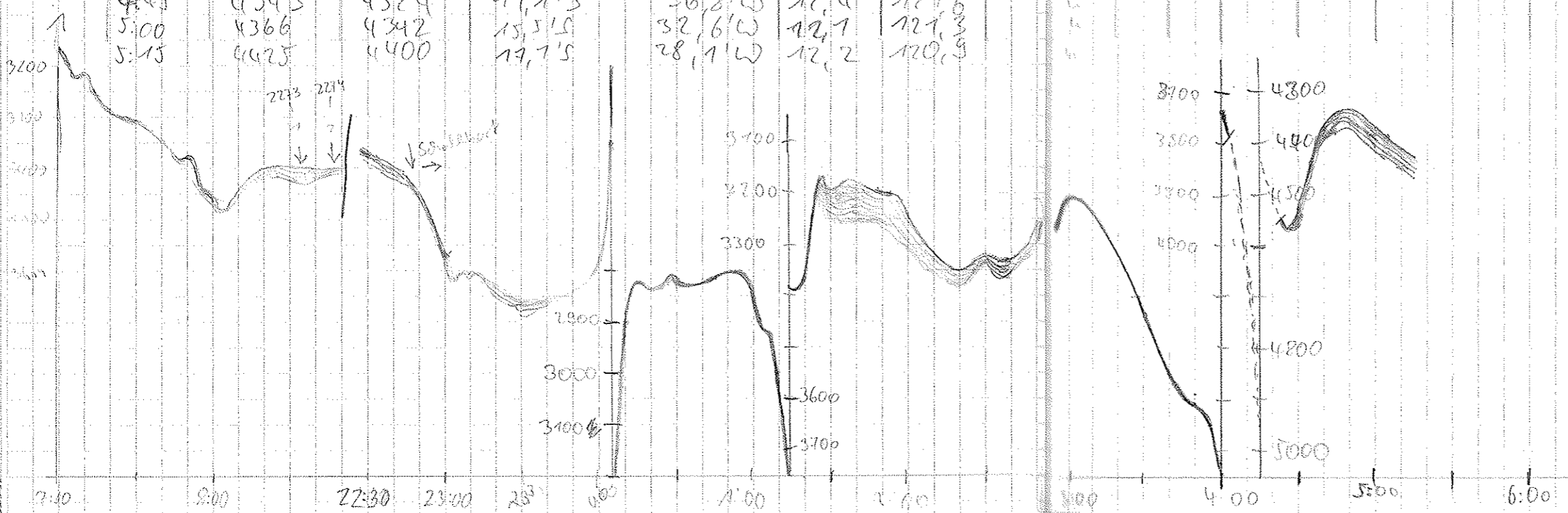
Date UTC	Time UTC	Depth PS	Depth HS	Lat.	Long.	Speed	Kurs	Wacke	Freq	Pulse	Range	Scale	Mode	Sig	Freq	Time	wt	R	N	M	Remarks
21.8.92	14:25	4011	4308	51°04,31'S	32°01,89'W	12,9	132,6	Ku	4	4	5000	100	4	S	40	133	5,0	0	3	1	
21.8.92	14:30	3946	3923	51°03,62'S	31°58,24'W	13,0	140,9	O	4	4	5000	100	4	S	40	133	5,0	0	3	1	
21.8.92	14:45	3963	3933	51°06,16'S	31°55,36'W	12,9	145,4	"	4	4	5000	100	4	S	40	133	5,0	0	3	1	
"	15:00	3948	3924	51°08,71'S	31°52,49'W	13,4	146,6	Ch	"	"	"	"	"	S	40	"	5,0	"	"	"	
"	15:15	3926	3904	51°11,37'S	31°49,19'W	13,2	144,4	"	"	"	"	"	"	S	40	"	5,0	"	"	"	
"	15:30	3897	3874	51°14,06'S	31°46,15'W	13,0	145,4	"	"	"	"	"	"	S	40	"	5,0	"	"	"	
"	15:45	3856	3872	16,77'S	43,14'W	13,1	145,2	"	"	"	"	"	"	S	40	"	5,0	"	"	"	
"	16:00	3829	3760	19,24'S	39,78'W	13,0	136,6	"	"	"	"	"	"	S	40	"	5,0	"	"	"	
"	16:15	3784	3798	29,71'S	36,31'W	13,4	143,7	"	"	"	"	"	"	S	40	"	5,0	"	"	"	
"	16:30	3784	3728	51°24,47'S	31°33,28'W	13,2	136,1	"	"	"	"	"	"	S	40	"	5,0	"	"	"	
"	16:45	3756	3691	26,74'S	29,64'W	12,8	134,7	"	"	"	"	"	"	S	40	"	5,0	"	"	"	
"	17:00	3747	3675	29,13	25,97	12,7	139,8	"	"	"	"	"	"	S	40	"	5,0	"	"	"	
"	17:15	3723	3649	51°31,49'S	31°27,54'W	10,7	143,6	De	9	"	"	"	"	S	40	"	5,0	"	"	"	
"	17:30	3715	3645	51°31,96'S	31°22,14'W	.6	69,6	"	"	"	"	"	"	S	40	"	5,0	"	"	"	
22.8.92	0:08	3776	3696	37,7'S	22,7'W	1,3	95,4	Gr	10	"	5000	100	4	S	40	133	5,0	0	3	1	Station 18:08 MUCabr.
22.8.92	0:22	3773	3653	37,8'S	20,9'W	0,6	145,7	"	"	"	5000	100	4	S	40	133	5,0	0	3	1	20:25 SL a.6a
22.8.92	1:03	3666	3649	37,3'S	27,7'W	6,5	15,4	"	4	4	5000	100	4	S	40	133	5,0	0	3	1	Frequenz mit Beginn
22.8.92	1:15	3633	3606	37,2'S	19,8'W	10,9	136,5	"	4	4	5000	200	4	S	40	266	5,0	0	3	1	Ende
22.8.92	1:30	3671	3575	38,4'S	10,2'W	12,7	135,3	"	4	4	5000	200	4	S	40	266	5,0	0	3	1	Schwerlot am Grund 12:44
22.8.92	1:36	3671	3575	40,3'S	7,7'W	13,0	135,9	"	4	4	5000	200	4	S	40	266	5,0	0	3	1	Storage on
22.8.92	2:00	3579	3455	42,5'S	3,8'W	12,9	134,0	"	4	4	5000	200	4	S	40	266	5,0	0	3	1	1:36 line 14 Ende
22.8.92	2:30	3487	3419	46,8'S	30°56,51'W	12,5	133,6	"	4	4	5000	200	4	S	40	266	5,0	0	3	1	
22.8.92	2:45	3487	3406	57,2'S	49,2'W	12,5	133,4	"	4	4	5000	200	4	S	40	266	5,0	0	3	1	
22.8.92	3:00	3453	3412	03,5'S	45,4'W	12,7	133,5	"	4	4	5000	200	4	S	40	266	5,0	0	3	1	
22.8.92	3:15	3359	3331	41,9'W	41,9'W	13,1	133,8	"	4	4	5000	200	4	S	40	266	5,0	0	3	1	
22.8.92	3:30	3257	3213	57,8'S	38,1'W	12,7	133,1	"	4	4	5000	200	4	S	40	266	5,0	0	3	1	
22.8.92	3:45	3134	3093	12°00,2'S	34,2'W	13,2	137,0	"	4	4	5000	200	4	S	40	266	5,0	0	3	1	
22.8.92	4:00	3037	2994	02,2'S	30,8'W	12,6	137,8	"	4	4	5000	200	4	S	40	266	5,0	0	3	1	
22.8.92	4:05	3043	3003	04,1'S	27,9'W	4,2	204,0	"	5,5	4	5000	100	4	S	40	266	5,0	0	3	1	Station/Storage off
22.8.92	5:35	3057	3013	04,0'S	28,7'W	5,0	25,0	"	5,5	4	5000	50	4	S	40	266	5,0	0	3	1	Storage on
22.8.92	6:02	3045	3005	04,3'S	28,6'W	9,7	193,5	"	5	4	5000	100	4	S	40	266	5,0	0	3	1	
22.8.92	6:15	3032	2994	09,2'S	29,4'W	12,6	184,8	"	5	4	5000	200	4	S	40	266	5,0	0	3	1	
22.8.92	6:30	3035	3008	11,8'S	29,7'W	12,3	183,5	"	5	4	5000	200	4	S	40	266	5,0	0	3	1	
22.8.92	6:30	3035	3008	14,9'S	30,0'W	12,0	177,0	"	5	4	5000	200	4	S	40	266	5,0	0	3	1	
22.8.92	6:45	3050	3012	17,9'S	29,7'W	12,2	176,7	"	5	4	5000	200	4	S	40	266	5,0	0	3	1	
22.8.92	7:00	3153	3122	20,98'S	29,53'W	11,7	176,9	"	5	4	5000	200	4	S	40	266	5,0	0	3	1	



Station 18:08 MUCabr.
 20:25 SL a.6a
 Frequenz mit Beginn
 Ende
 Schwerlot am Grund 12:44
 Storage on

1:36 line 14 Ende
 Station/Storage off
 Storage on

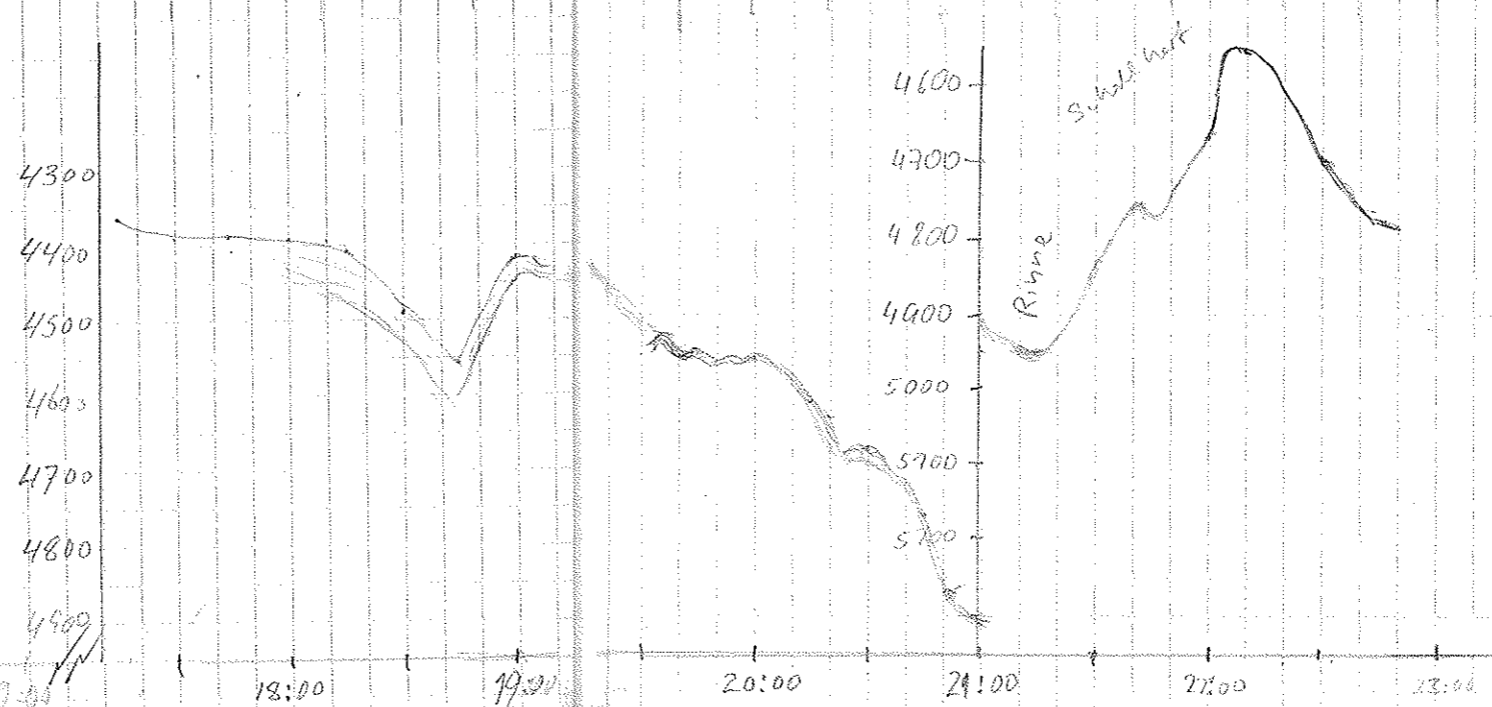
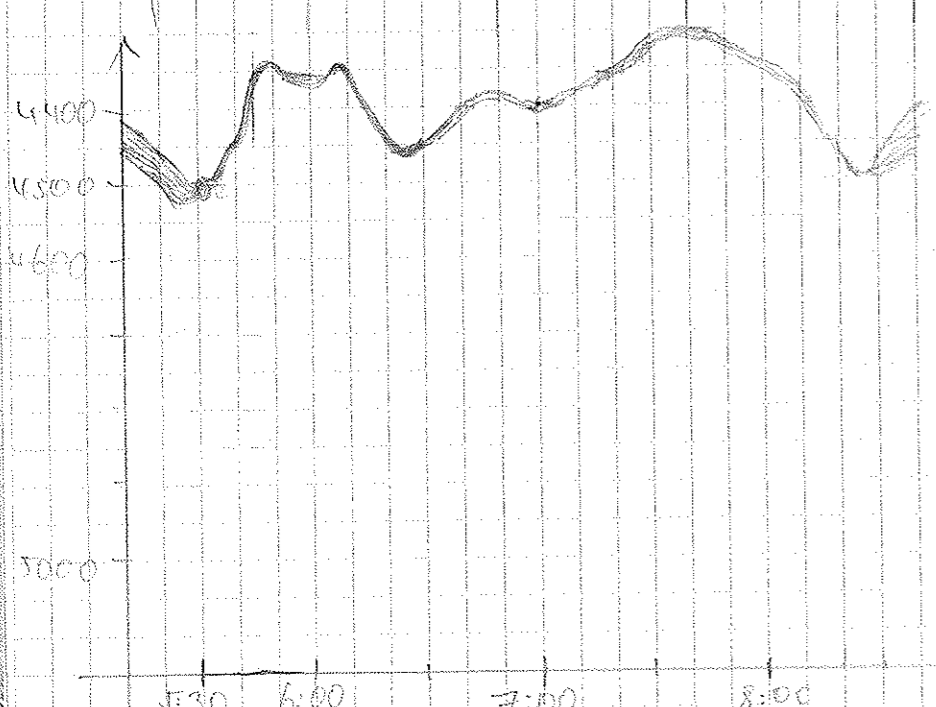
Date	Time	Depth PS	Depth HS	Lat	Long	Speed	Kurs	Wache	Freq	Pulse	Range	Scale	Mode	Stg	Freq	Time	wt	R	H	M	Remarks	
22.8.92	7:15	3247	3208	52° 23, 89'S	30° 29, 35'W	12,7	176,9	Ka	4	4	5000	200	4	S	40	266	50	3	3	7		
	7:30	3303	3263	27, 04'S	29, 04'W	11,6	174,8	"														
	7:45	3372	3335	30, 13'S	28, 56'W	12,2	174,5	"														
	8:00	3450	3424	32, 08'S	28, 51'W	11,8	184,2	"														
	8:26	3793	3358	37, 46'S	32, 15'W	11,3	218,0	"														
	8:45	3389	3392	39, 12'S	34, 32'W	7,8	43,4	"														an Station Spreitung aus
	12:33	3379	3345	39, 48'S	33, 04'W			Ja														Multicom auf 5000
	15:15	3366	3331	40, 20'S	33, 39'W	6,7	34,8	Ka														Verfahren auf KOL-Station
	18:09	3398	3367	39, 7'S	32, 9'W	1,8	70,5															16:30 KOL an Grund
	18:30	3376	3341	39, 74'S	33, 16'W	8,5	190,3															Frequenztest
	20:30	3355	3325	41, 0'S	32, 39'W	3	126,5	Ges. pol														Fahrt auf KOL 2 Station
	22:30	3370	3330	42, 15'S	30, 86'W	11,9	179,0	Ka				100										20:30 KOL an Grund
	23:00	3445	3614	43, 59'S	29, 55'W	12,6	111,7	Pabel				200										ab 23:00 Nutzung im
	23:15	3670	3634	44, 28'S	30, 18, 98'W	13,5	97,1	Ka														Parachign-Programm
	23:30	3676	3643	44, 74'S	29, 03'W	12,9	99,4															
	23:45	3674	3629	46, 02'S	09, 02'W	12,9	115,4															
23.8.92	00:00	3588	3552	47, 48'S	04, 38'W	12,5	113,3															
	0:15	2828	2787	52° 48, 8'S	29° 59, 6'W	12,6	111,8	Ges. pol	4	4	5000	100	4	5	4	133	50	0	3	7		
	0:30	2812	2773	50, 7'S	54, 8'W	13,0	110,3															
	0:45	2811	2783	51, 4'S	50, 7'W	13,1	114,3															
	1:00	2500	2820	51, 7'S	45, 3'W	11,6	113,4															
	1:15		3182	53, 9'S	40, 6'W	12,6	107,1															
	1:31	3786	3109	54, 8'S	35, 7'W	12,6	106,9															
	1:45	3789	3152	55, 6'S	30, 6'W	12,2	107,4															
	2:00	3755	3219	57, 7'S	25, 9'W	12,3	127,1															
	2:16	3337	3305	53, 7'S	27, 4'W	12,8	127,4															
	2:34	3326	3290	53° 01, 3'S	16, 5'W	12,2	127,2															
	2:45	3302	3268	01, 8'S	13, 3'W	12,8	126,8															
	3:00	3212	3273	04, 7'S	09, 0'W	13,2	127,9															
	3:30	3425	3385	08, 0'S	29° 00, 1'W	12,6	118,4															
	3:45																					
	4:00	3735	3706	10, 7'S	28° 50, 9'W	12,2	111,7															
	4:15	4563	4534	12, 5'S	42, 3'W	12,6	111,6															
	4:30	4527	4510	12, 7'S	41, 5'W	12,3	116,1															
	4:45	4343	4324	14, 1'S	36, 8'W	12,4	127,6															
	5:00	4366	4342	15, 3'S	32, 6'W	12,1	127,3															
	5:15	4425	4400	17, 7'S	28, 1'W	12,2	120,9															



ca. 3:55: Konsole
mit Parachignu ab alle
nicht mehr tiefen von
DE50, DE50 E062

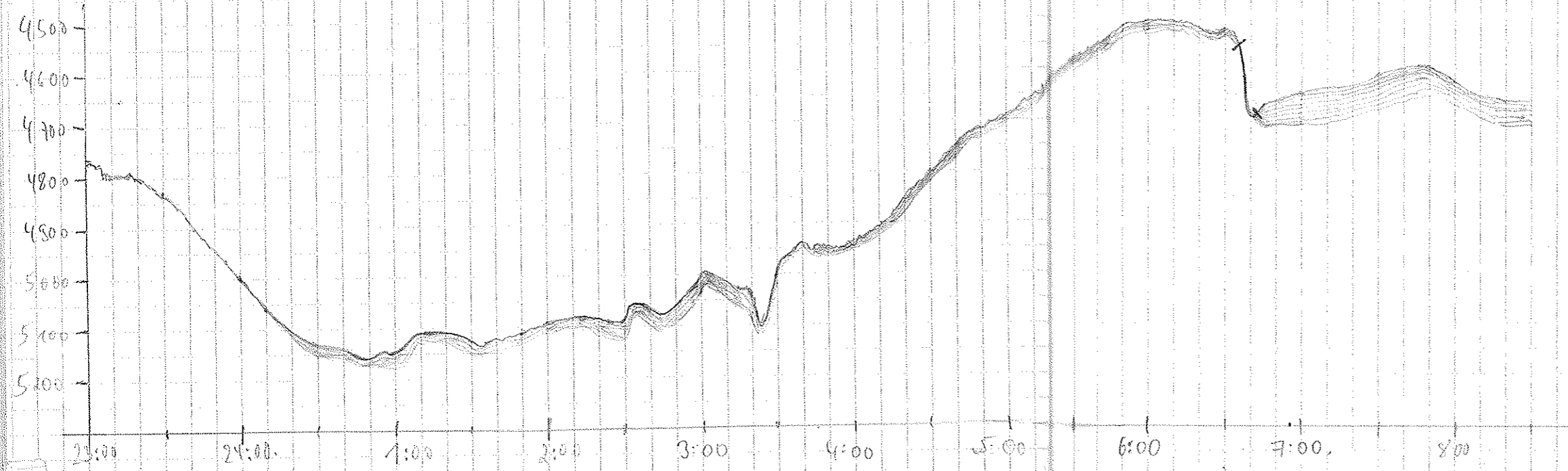
3:45 Rolle geschaltet
Niveau DE50 E064,
auslesung geschaltet,
ca 2min nach Einsch.
Tiefe och wieder ab
wieder falsche Papier-
auslesung geschaltet
PARASOUND ausged. Ht
um: 4:02
eingeschaltet um 4:03,
Sicherung einged., danach
kein Signal (nach HS)
gefunden, somit aus-
lesung geschaltet.
Signal um 4:20
wie dr. gefunde
Papiergeschwindigkeit ohr.

Date	Time UTC	Depth PS	Depth MS	Lat.	Long.	Speed	Kurs	Wa che	Freq	Pulse	Range	Scale	Mode	Big	Frg	Thm	Wt	R	H	M	Remarks	
23.08.82	5:30	4513	4496	53°18,17'S	28°23,68'W	12,4	118,7	Original	4	4	5000	100	4	S	40	133	5,0	0	3	1		
	5:45	4352	4344	20,0'S	19,4'W	12,1	126,7															
	6:00	4354	4328	27,5'S	15,2'W	11,6	126,0															
	6:30	4451	4430	24,7'S	02,1'W	8,3	247,6															
	6:45	4430	4395	25,5'S	03,4'W	10,4	202,0															
	7:00	4304	4267	28,0'S	11,5'W	10,2	208	Kor														- 7.06 Vertiefen am Quersprofil
	7:15	4367	4346	27,28'S	14,15'W	9,7	303															
	7:30	4332	4306	24,52'S	20,6'W	7,9	303															
	7:45	4303	4275	23,2'S	24,0'W	8,6	300															
	8:11	4362	4341	26,32'S	26,2'W	9,2	327															
	8:39	4403	4378	28,41'S	31,2'W	10,4	348															
	8:57	4386	4363	11,62'S	32,9'W	0,2																Storage off Station
	9:17	4379	4347	16,87'S	32,5'W																	Multicore auf Grund
	9:49	4363	4340	17,12'S	33,28'W	0,7	162				4	5000	100	4	S	40	133	0	0	3	2	Beginn Treppe
	10:19	4382	4361	17,37'S	32,28'W	1,7	207															*
	10:50	4394	4369	33°16,72'S	28°31,30'W	9,6	4519	Wieder	4	4	5000	100	4	S	40	133	0	0	3	1		
	10:15	4409	4384	14,93'S	27,82'W	11,7	46,3															
	10:30	4487	4459	13,71'S	24,08'W	11,2	122,5															
	10:45	4537	4537	15,39'S	19,95'W	12,4	125,9															
	11:00	4412	4386	17,07'S	15,67'W	12,7	121,1															
	11:15	4440	4417	18,67'S	11,35'W	12,0	121,6	Cl														
	11:30	4504	4482	20,27'S	07,04'W	12,1	122,5															
	11:45	4544	4533	21,37'S	02,82'W	12,4	120,3															
	12:00	4562	4540	53°23,37'S	27°58,39'W	12,1	117,0															
	12:15	4626	4605	24,91'S	54,02'W	12,4	123,6															
	12:30	4672	4651	26,47'S	49,53'W	11,9	119,2															
	12:40					8,0	119,2															Slow
	12:45	4768	4747	27,82'S	45,39'W	11,6	119,1															
	13:00	4883	4872	29,38'S	40,76'W	12,6	119,1	Wieder														
	13:15	4946	4933	30,88'S	36,67'W	11,8	119,6															
	13:30	4870	4827	32,36'S	32,43'W	12,4	120,8															
	13:45	4779	4764	33,98'S	27,92'W	12,7	121,6															
	14:00	4657	4638	35,47'S	23,52'W	12,7	117,8															
	14:15	4589	4570	37,04'S	18,77'W	12,7	110,3															
	14:30	4700	4686	38,34'S	14,03'W	12,3	113,3															
	14:45	4724	4726	39,42'S	09,15'W	11,0	109,6															

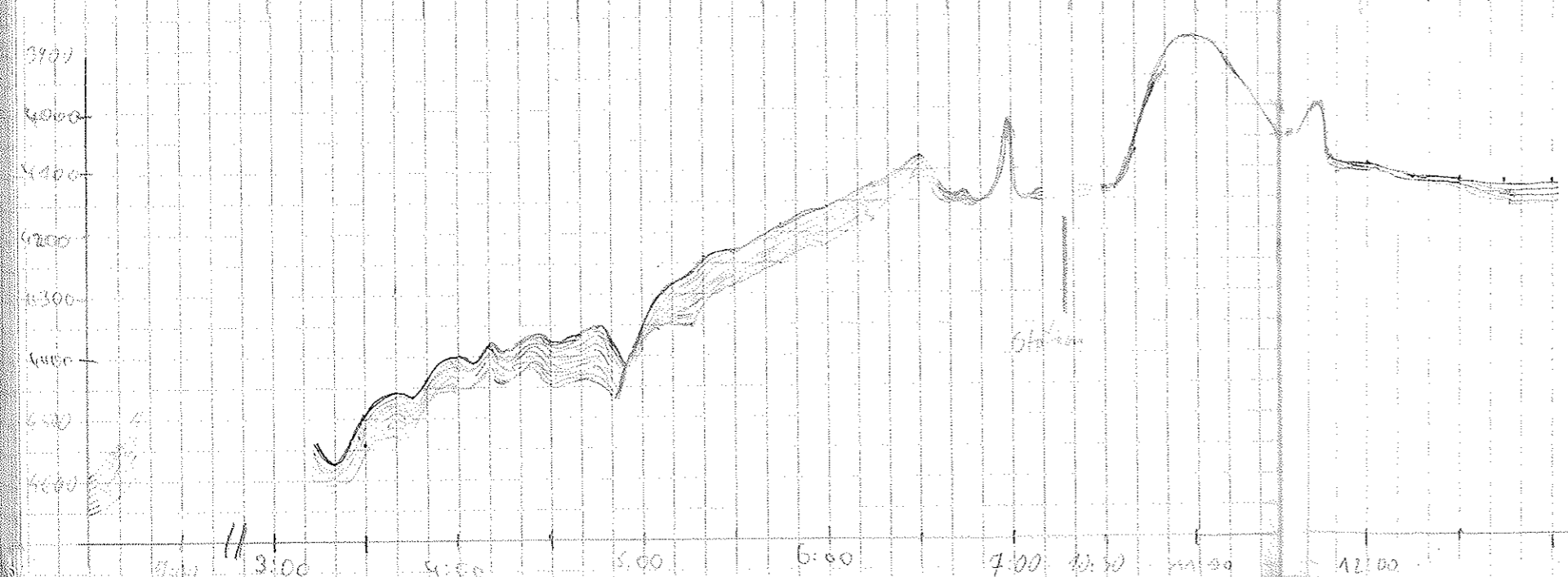


* Tape #16 abge-
schlossen, die Repl
neues Teil eig-
lich Teil der
Programme, für die
neue gestartet.
Beginn Tape #17

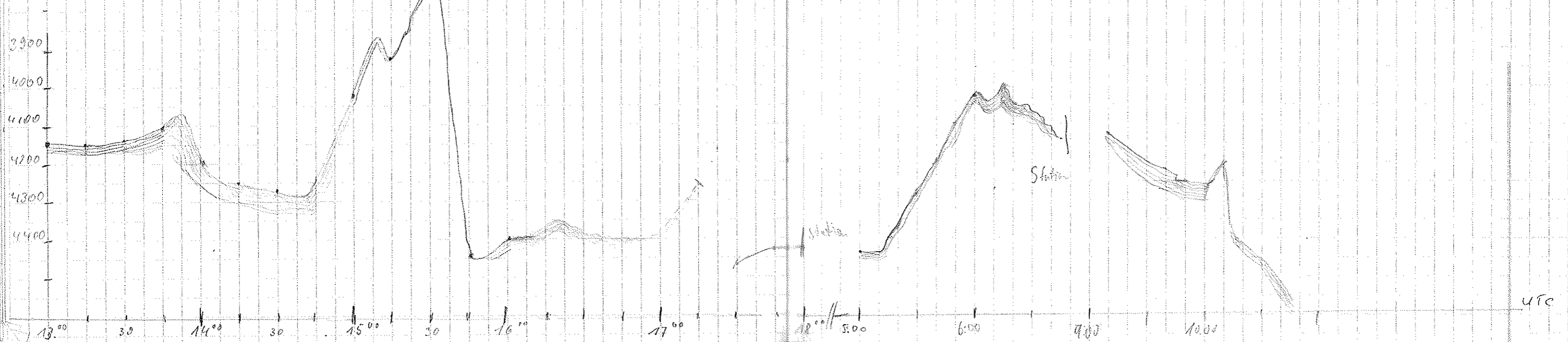
Date	Time	Depth 75	Depth 145	Lat.	Long.	Speed	Knots	Wind	Wave	Freq	Pulse	Range	Scale	Mode	Sig	Frg	Thm	Wt	R	H	M	Remarks
23.08.52	23:00	4766	4747	53° 40.2 S	27° 04.3 W	12.4	12.3	BONAVIA W		4	4	5000	100	4	S	40	133	5	0	3	1	
	23:15	4800	4780	53° 42.6 S	27° 00.0 W	12.9	12.1	"														
	23:30	4845	4827	53° 44.2 S	26° 55.5 W	12.7	12.0	"														
	23:45	4847	4835	53° 45.8 S	26° 51.1 W	12.3	12.1	"														
24.8.52	0:00	4855	4882	53° 47.4 S	26° 46.4 W	12.4	11.3	"														
	0:15	5080	5064	53° 47.6 S	26° 41.8 W	12.9	11.2	G. gale		4	4	5000	100	4	S	40	133	50	0	3	1	
	0:30	5135	5130	53° 49.7 S	26° 37.2 W	12.0	11.3	"														
	0:45	5155	5147	53° 51.7 S	26° 32.5 W	12.3	12.2	"														
	1:02	5143	5134	53° 51.7 S	26° 27.5 W	12.5	12.4	"														
	1:15	5109	5099	54° 51.5 S	26° 23.7 W	12.3	12.3	"														
	1:30	5127	5114	54° 56.2 S	26° 19.3 W	12.6	12.5	"														
	1:45	5170	5104	54° 57.9 S	26° 14.5 W	12.6	12.4	"														
	2:00	5092	5079	54° 58.8 S	26° 10.1 W	12.0	12.3	"														
	2:15	5073	5060	54° 01.3 S	26° 06.7 W	12.4	12.2	"														
	2:30	5088	5068	54° 02.5 S	26° 01.0 W	12.4	12.2	"														
	2:45	5070	5055	54° 03.7 S	25° 56.5 W	12.0	12.3	"														
	3:00	5007	4997	54° 05.0 S	25° 51.7 W	13.0	12.3	"														
	3:15	5023	5020	54° 06.1 S	25° 46.7 W	12.3	10.8	"														
	3:30	5002	4983	54° 07.0 S	25° 41.9 W	12.6	10.7	"														
	3:45	4947	4932	54° 08.7 S	25° 37.0 W	12.3	11.3	"														
	4:15	4880	4863	54° 10.6 S	25° 31.5 W	12.4	11.3	"														
	4:30	4788	4775	54° 11.9 S	25° 27.5 W	12.1	11.2	"														
	4:45	4725	4702	54° 13.2 S	25° 22.7 W	12.7	11.3	"														
	5:00	4697	4667	54° 14.4 S	25° 17.9 W	12.5	11.4	"														
	5:15	4644	4618	54° 15.7 S	25° 13.1 W	12.7	11.3	"														
	5:30	4575	4550	54° 16.9 S	25° 08.2 W	12.7	11.2	"														
	5:45	4541	4526	54° 18.4 S	25° 03.2 W	12.7	11.2	"														
	6:00	4505	4478	54° 19.6 S	24° 58.6 W	12.5	11.0	"														
	6:15	4510	4483	54° 20.8 S	24° 54.7 W	12.7	11.2	"														
	6:30	4520	4490	54° 22.3 S	24° 50.7 W	12.6	12.2	"														
	6:46	4677	4640	54° 24.1 S	24° 45.3 W	12.4	12.3	"														
	7:00	4646	4623	54° 25.6 S	24° 41.2 W	12.7	12.4	"														
	7:15	4636	4612	54° 24.4 S	24° 36.8 W	12.4	12.4	"														
	7:30	4614	4590	54° 22.8 S	24° 32.5 W	12.4	12.8	"														
	7:45	4592	4564	54° 30.4 S	24° 28.0 W	12.7	12.6	"														
	8:00	4627	4598	54° 32.6 S	24° 23.5 W	12.7	12.6	"														
	8:15	4653	4634	54° 32.4 S	24° 19.1 W	12.4	12.6	"														



Date UTC	Time UTC	Depth PS	Depth HS	Lat.	Long.	Speed	Kurs	Wa	cke	Freq	Pulse	Range	Scale	Mode	Sig	Freq	Time	WT	R	H	M	Remarks	39	
24.8.92	8:30	4396	4372	54° 39' 37" S	24° 04' 59" W	12,3	124	1/2	ku	4	4	5000	100	4	S	40	133	5,0	0	3	1			
	8:45	4379	4360	37' 13" S	2, 87" W	12,2	123	"	"															
	9:00	4402	4375	38' 60" S	22° 58' 61" W	8,7	79	"	"														Positionieren (1343) locate	
	9:16	4450	4383	38' 12" S	22° 00" W				Mo														Kolbenlotion brand	
	18:27	4409	4381	38' 29" S	57' 33" W	7,1	84	1/2	ku														Bay. Frequenz fest	
25.8.92	3:15	4544	4525	35' 3" S	58' 4" W	7	344	G.	gel	4	4	5000	100	4	S	40	133	5,0	0	3	1		15:48 PARASOUND	
	3:30	4493	4473	35' 8" S	55' 8" W	9,3	122		gel														beendet, Tage 17 Ende	
	3:45	4459	4436	37' 0" S	52' 6" W	9,3	124																23:47 New Sound PD.	
	4:00																						12:45	
	4:15	4378	4357	39' 2" S	45' 2" W	9,0	123																3:15 Storage On	
	4:30	4372	4351	41' 4" S	42' 5" W	9,4	124																	
	4:45	4353	4330	42' 5" S	39' 3" W	9,5	123																	
	4:47	4357	4337	42' 8" S	38' 7" W	9,5	124			4	4	5000	700	4	S	40	266	5,0	0	3	1			
	5:05	4370	4287	44' 3" S	34' 7" W	9,4	123						700											5:02 PARASOUND
	5:18	4267	4239	45' 3" S	31' 8" W	10,2	122																	ausgeschaltet, keine Tiefe
	5:31	4231	4211	46' 5" S	28' 7" W	9,5	120																	am Konsole, PD, keine
	5:45	4182	4167	47' 7" S	25' 5" W	9,4	125																	Tiefenfenster orange
	6:00	4159	4133	49' 7" S	22' 0" W	9,9	121																	blau DEFO
	6:19	4122	4098	50' 50" S	18' 65" W	10,0	126	1/2	ku															5:04 PARASOUND einged.
	6:33	4130	4107	50' 17" S	13' 73" W	7,4	90		"															Fallen behoben
	6:45	4167	4135	51' 7" S	10' 5" W	9,9	96,5																	
	7:14	4155	4127	51' 27" S	7' 57" W	6,0	252																	
	7:32	4151	4122	51' 14" S	7' 02" W	2,4	334																	Storage off Station
	8:57	4149	4124	50' 67" S	11' 52" W	0,3	107																	8:47 Kolben brand
	10:04	4153	4126	50' 67" S	7' 34" W	0,5	120																	Frequenz fest
	10:25	4167	4133	51' 26" S	4' 08" W	1,6	109																	Frage beibehalten, glückwünsche (13)
	11:45	3965	3935	52' 36" S	8' 62" W	11,3	122						200											
	11:00	3882	3853	54' 37" S	4' 77" W	12,0	150		Br.	hms.														
	11:15	3984	3952	56' 36" S	2' 18" W	12,6	150		"															
	11:30	4034	3966	55' 54" S	22° 53' 35" W	12,0	150		"															
	11:45	4020	3966	55° 02' 14" S	56' 60"	12,4	146		"															
	12:00	41114	4000	55° 04' 25" S	22° 53' 51" W	12,5	147,2		Kup	sch	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	12:15	4152	4124	55° 07' 37" S	22° 50' 65" W	11,8	153,2		"		4	4	5000	200	4	S	40	266	5,0	0	3	1		
	12:30	4147	4121	55° 10' 12" S	22° 48' 46" W	12,7	157,5		"		4	4	5000	200	4	S	40	266	5,0	0	3	1		
	12:45	4124	4135	55° 12' 27" S	22° 46' 46" W	12,1	159,1		"		4	4	5000	200	4	S	40	266	5,0	0	3	1		
	13:00	4159	4130	55° 15' 64" S	22° 44' 45" W	11,9	158,7		"		4	4	5000	200	4	S	40	266	5,0	0	3	1		



Date	Time	RS	HS	Lat	Long	Speed	Winds	Wave	Frqp	Pulse	Range	Scale	Mode	Sig	Frqp	Tim	wt	R	H	M	remarks	
25.8.92	13.15	4160	4135	55° 48,42 S	22° 49,59 W	11,4	158,2	Ku psch	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	13.30	4133	4109	55° 41,28 S	22° 40,68 W	11,2	160,4	"	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	13.45	4111	4082	55° 34,43 S	22° 38,85 W	11,1	160,8	"	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	14.00	4197	4178	55° 26,79 S	22° 37,14 W	11,4	159,6	"	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	14.15	4248	4221	55° 29,55 S	22° 35,25 W	11,5	157,4	"	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	14.30	4281	4256	55° 32,25 S	22° 33,44 W	12,2	156,8	"	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	14.45	4247	4225	55° 34,79 S	22° 31,41 W	12,3	156,3	Ku psch	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	15.00	4043	4015	55° 37,89 S	22° 29,21 W	11,7	158,6	"	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	15.15	3937	3904	55° 40,50 S	22° 27,19 W	11,6	152,9	"	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	15.30	3721	3692	55° 43,06 S	22° 25,05 W	12,1	152,0	"	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	15.45	4444	4423	55° 45,75 S	22° 22,88 W	12,2	157,6	"	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	16.00	4406	4384	55° 48,35 S	22° 20,59 W	12,5	151,4	"	4	4	5000	200	4	S	40	266	5,0	0	3	1		
	16.15	4356	4335	55° 51,13 S	22° 18,39 W	12,2	155,8	M UUC	1	1	1	1	1	1	1	1	1	1	1	1		
	16.30	4348	4324	55° 53,85 S	22° 16,34 W	11,3	151,4	"	1	1	1	1	1	1	1	1	1	1	1	1		
	16.45	4419	4396	55° 56,32 S	22° 13,50 W	11,7	149,3	"	1	1	1	1	1	1	1	1	1	1	1	1		
	17.00	4423	4403	55° 58,94 S	22° 10,81 W	12,4	158,0	"	1	1	1	1	1	1	1	1	1	1	1	1		
	17.15	4243	4255	56° 01,77 S	22° 08,70 W	11,8	160,8	"	1	1	1	1	1	1	1	1	1	1	1	1		
	17.32	4471	4449	56° 00,34 S	22° 05,28 W	9,8	320,3	"	1	1	1	1	1	1	1	1	1	1	1	1		
	17.45	4423	4402	55° 58,92 S	22° 04,00 W	4,5	288,6	"	1	1	1	1	1	1	1	1	1	1	1	1		
	17.56	4436	4425	55° 58,21 S	22° 11,64 W	1,1	321,0	"	5,5	4	5000	200	4	S	1	1	1	1	1	1	Station, Black Out	
	22.13	4440	4418	55° 58,01 S	22° 13,28 W	0,7	93	"														When a new Point from
	24.25	4433	4418	55° 58,17 S	22° 16,28 W	0,2	136	"														MARWE KOL and Ground
26.8.92	00.09	4435	4414	55° 58,16 S	22° 15,02 W	0,4	137	6.5														MUC and Ground
	1:05	4430	4410	58,77 S	15,31 W	0,9	136	"	Frqp	4	5000	200	4	S	40	266	0,0	0	3	2	Beginn	
	1:37	4436	4416	58,5 S	14,71 W	1,2	163	"	5,5	4	5000	200	4	S	40	266	5,0	0	3	1	Ende	
	5:02	4437	4409	58,3 S	15,71 W	6,0	184	"	4	4	9000	700	4	S	40	266	5,0	5	3	1	Storage on	
	5:15	4429	4408	56° 00,8 S	15,91 W	12,1	180	"														
	5:30	4280	4256	03,3 S	16,31 W	11,8	185	"														
	6:04	4028	3999	09,5 S	22° 16,31 W	11,5	171	"														
	6:15	3995	3976	10,6 S	20,81 W	11,7	159	"														
	6:30	4140	4113	12,3 S	15,21 W	11,3	176	"														
	9:10	4709	4673	19,71 S	16,86 W	3,1	211	"														
	9:37	4227	4209	23,23 S	16,14 W	9,3	188	"														
	9:45	4211	4217	24,41 S	16,36 W	9,0	186	"														
	10:00	4266	4235	27,18 S	16,80 W	9,1	190	"														
	10:31	4472	4474	31,33 S	17,18 W	8,6	182	"														
	11:45	4620	4598	36,22 S	17,10 W	8,2	173	"														



Station, Black Out
 When a new Point from
 MARWE KOL and Ground
 MUC and Ground
 Beginn Frequenz test
 Ende FT
 Storage on

Storage off

100

Date	Time	PS	HS	Lat.	Long.	Speed	Kurs	Wachze.	Freq.	Pulse.	Range	Scale	Mode	Sig	Freq	Tim	wt	R	H	M	memories		
26.8.92	11:00	4645	4639	56°35'N	22°17'W	7,5	189	Orange	4	4	5000	100	4	S	40	266	15	0	3	1			
	11:15	4646	4632	34,3'S	18,7'W	8,2	190	"															
	11:30	4646	4632	39,9'S	18,70'W	7,9	185	Kelvin															
	11:45	4647	—	41,79'S	18,98'W	8,1	196	"															
	12:00	4665	4643	4,26'S	19,31'W	8,5	185	"															
	12:15	4743	4729	49,63'S	19,61'W	9,9	184	"															
	12:37	4763	4749	48,64'S	19,77'W	8,1	172	"															
	12:47	4762	4747	49,62'S	19,38'W	4,2	107	"															
	18:56	—	—	50,37'S	19,95'W	—	—	"															Kol a Grund
	19:24	4738	4737	51,55'S	18,70'W	6,1	189	"															
	19:45	4595	4589	53,42	18,54	3,3	169	Orange	4	4	5000	100	4	S	40	133	5,0	0	3	1			
	20:00	4640	4627	54,76	18,45	6,7	189	"															
	20:15	4651	4634	56,44	19,08	7,2	192	Shirley															
	20:30	4661	4652	58,42	19,75	11,4	191	Shirley															
	20:45	4281	4234	57 00,97	20,36	7,4	186	"															
	21:00	4442	4420	03,51	20,63	11,0	178,7	WIENER															
	21:15	4555	4533	06,13	19,93	11,3	146,3	"															
	21:30	4666	4644	08,49	17,61	7,5	165,2	"															
	21:45	4680	4646	11,02	17,46	11,8	190,7	"															
	22:00	3463	3582	13,17	19,04	9,4	205,9	"															Band abgestellt
	22:15	3781	3988	15,33	20,72	11,3	199,7	"															Band abgestellt
	22:30	4608	4587	16,86	21,66	2,3	201,1	"															
	22:45	4610	4585	17,11	21,67	2,3	176,9	"															
	23:00	4608	4587	17,80	21,65	9,4	197,7	"															
	23:30	4305	4297	23,76	23,9 W	11,1	172	BOHNERNA															
	23:45	4415	4387	25,0	24,6 W	2,6	195	"				200					266						Papierrolle wechseln
	24:10	4542	4509	26,2	25,1	6,7	188	"															
27.8.92	0:15	4873	4835	27,7	26,4 W	5,3	245	"															
	0:30	4810	4892	28,8	29,2 W	7,5	215	"															
	0:45	4872	4851	30,9 S	30,5 W	9,3	193	"															0:25 Band auf
	1:00	5022	5012	33,2 S	31,9 W	9,8	188	"															aufgestellt
	1:15	5082	5072	34,5 S	35,1 W	10,6	228	Orange	4	4	5000	200	4	S	40	266	510	0	3	1			
	1:36	5057	4999	36,7 S	38,0 W	8,7	215	"															
	1:45	5738	5720	38,7 S	37,8 W	10,4	166	"															
	2:00	5141	5138	41,7 S	38,0 W	9,6	183	"															
	2:15	—	5037	43,4 S	38,3 W	7,6	107	"															
	2:30	4416	4396	45,8 S	38,7 W	6,8	177	"															
2:45	—	—	46,8 S	38,6 W	1,1	166	"																
3:00	4955	4942	48,5 S	38,8 W	9,0	185	"																

Kol a Grund

Band abgestellt

Band abgestellt

Papierrolle wechseln
Rolle 5 (X)

0:25 Band auf
aufgestellt

(X) Nach Rolle wechseln
DESO E064
Konsole + PD erhalten
keine Tüte
(Papiergeschwindigkeit)
PS angeschlossen
Nach Versand
Problemlos

selber selbe Me Bus
bei 1000
aufgestellt

mod HS

30° Gefälle

Flotter

3000

3500

27.8.92

4000

4200

4300

4400

4500

4600

4700

4800

4900

5000

11:00

12:00

19:30

20:00

21:00

22:00

23:00

0:00

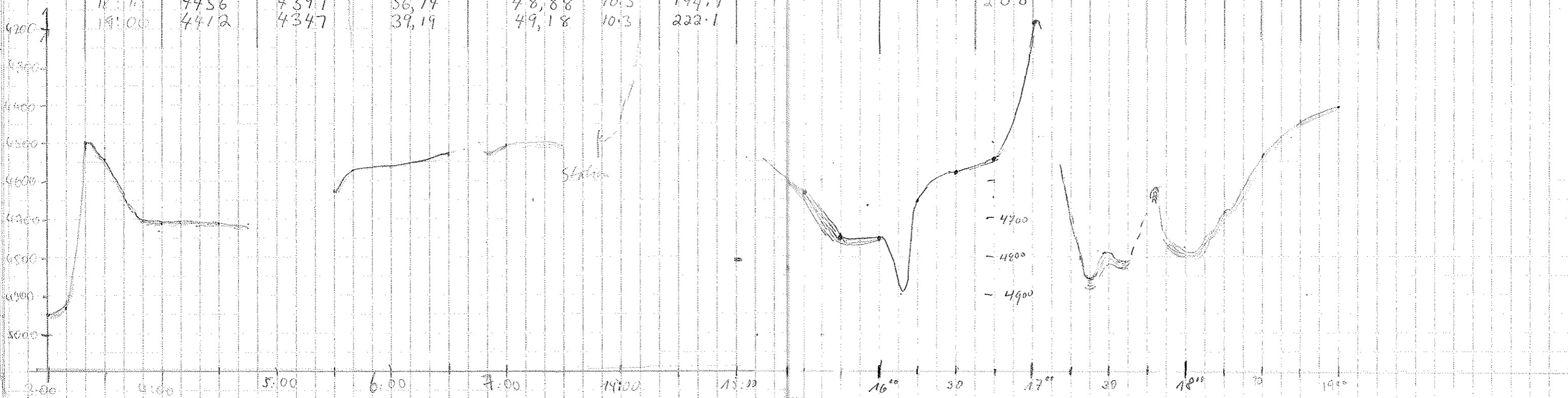
1:00

2:00

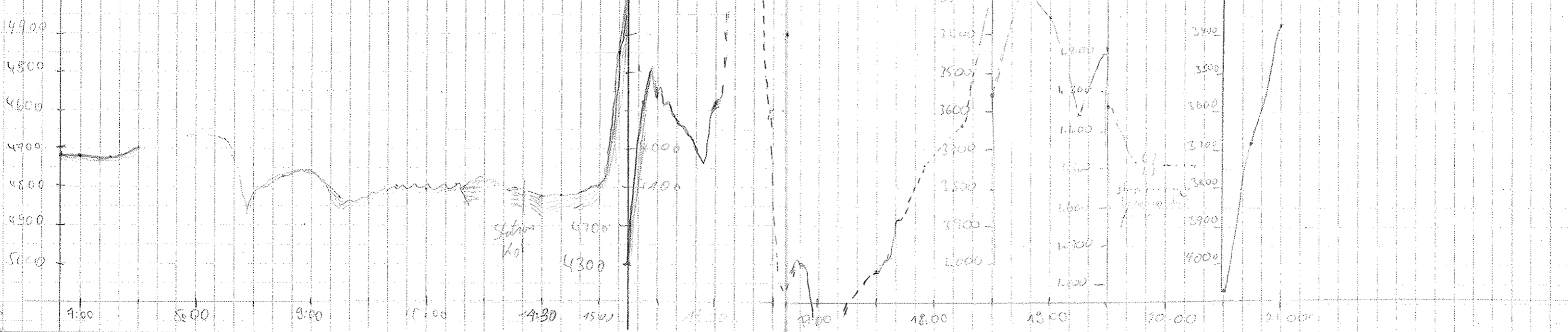
3:00

4:00

Date	Time	PS	MS	Latit.	Long.	Speed	Kurs	Wa: che	Freq	Pulse	Range	Scale	Mode	Sig	Frg	Tim	wt	R	H	M	etc marks	
27.8.82	3:15	-	4639	57°50,6'S	22°39,1'W	8,5	182	Christie	4	4	5000	200	4	S	40	266	50	0	3	1		
	3:30	-	4518	57,3'S	39,1'W	3,0	187															
	3:45	-	4650	57,0'S	39,0'W	3,0	160										10					
	4:00	4716	4684	57°52,9'S	27°38,7'W	5,3	6															
	4:15	-	4745	53,2'S	38,4'W	5,9	164															
	4:30	4715	4755	53,2'S	38,1'W	2,3	148									133						
	4:45	4725	-	53,2'S	37,8'W	5,0	2														9:42 Storage off	
	5:20	-	-	54,1'S	36,9'W	2,7	163															
	5:30	4826	-	54,6'S	36,5'W	4,1	175															
	5:45	4572	4549	55,4'S	37,2'W	4,4	211														5:43 Storage on	
	6:00	4564	4533	55,8'S	37,4'W	1,8	160		4	4	5000	100	4	S	40	133	10	0	3	1		
	6:30	4537	4520	56,3'S	37,1'W	3,0	179															
	6:45	4538	-	57,1'S	37,2'W	2,0	195															
	7:03	4513	4482	57,74'S	37,97'W	4,8	219	Kursch														
	7:30	4515	4484	58,97'S	37,16'W	5,0	179															
	7:45	4491	4469	59,1'S	35,6'W	7,2	100	Christie													8:41 Storage off	
	9:45	-	4513	59,8'S	35,6'W	4,6	216														Whole and KOL Pos.	
	11:30	4638	4470	59,1'S	36,7'W	7	307														10:33 Storage off	
	14:06	4506	4476	58,74'S	35,73'W	1,5	198	Kursch													12:34 KOL and ground	
	14:33	-	4057	58°22,2'S	34,7'W	14,5	164															
	15:00	4834	4829	06,74	33,01	9,5	196,4	NIEBIER														
	15:15	4232	4678	07,94 S	33,86 W	5,0	225,4	Kursch	4	4	5000	200	4	S	40	132	10	0	3	1		
	15:30	4646	4630	09,60 S	37,76 W	14,3	240,6															
	15:45	4756	4739	12,00 S	41,56 W	14,2	189,7		4	4	5000	100	4	S	40	133	10	0	3	1		
	16:00	4692	4672	15,01 S	42,54 W	12,7	185,9															
	16:15	4654	4638	17,99 S	40,85 W	13,1	142,5															
	16:30	4617	4599	19,55 S	40,07 W	3,3	176,1															
	16:45	4547	4526	20,22 S	39,86 W	5,3	172,6															
	17:00	4181	4187	21,85 S	39,00 W	14,0	164,5															
	17:15	4732	4763	58°24,36'S	22°39,92'W	14,1	199,2	Christie														
	17:30	4789	4782	26,76'S	43,68'W	7,4	202,2															
	17:45	4689	4674	28,00'S	43,45'W	11,7	228,7															
	18:00	4771	4753	29,74'S	47,27'W	10,8	205,0															
	18:15	4717	4716	58°32,20'S	20°11,94'W	12,6	226,0	Christie														
	18:30	4630	4465	34,70	47,28	12,5	226,1															
	18:45	4456	4397	36,74	48,88	10,3	194,1															
	19:00	4412	4347	39,19	49,18	10,3	222,1															



Date	Time	PS	HS	Lat	Long	Speed	Kan	Wind	Temp	Wind	Wave	Mode	Eng	Freq	Time	WT	R	H	M
29.8.97	6:52	-	4707	56° 43' 43" S	23° 16' 19" W	2.0	82	Grige	4	4	5000	100	4	40	733	70	0	3	1
	7:00	4728	4710	56° 43' 35" S	23° 15' 27" W	2.5	146	"											
	7:15	4772	4708	56° 44' 25" S	23° 15' 37" W	1.5	44	"											
	7:30	4696	4688	56° 44' 35" S	23° 16' 05" W	1.4	169	"											
	7:45	4691	4667	56° 44' 38" S	23° 16' 05" W	3.3	195	"											
	8:15	4624	4668	56° 45' 25" S	23° 16' 18" W	6.0	207	Kalbin											
	8:45	4788	4757	56° 49' 35" S	23° 19' 19" W	8.3	218	"											
	9:16	4834	4807	56° 49' 64" S	23° 19' 51" W	8.7	224	"											
	9:45	4718	-	56° 49' 56" S	23° 19' 51" W	7.7	65	"											
	10:00	4804	4795	56° 49' 41" S	23° 19' 41" W	4.5	250	Grige											
	10:45	4791	4750	56° 49' 25" S	23° 19' 31" W	5.5	300	"											
	11:45	4819	4710	56° 50' 95" S	23° 22' 42" W	3.4	198	Kalbin											
	12:40	4827	4812	56° 50' 51" S	23° 23' 09" W	0.8	47	"											
	13:07	-	-	56° 50' 41" S	23° 23' 01" W	-	-	Grige											
	14:29	4831	4813	56° 50' 76" S	23° 22' 82" W	7.1	224	Kalbin											
	14:50	4822	4785	56° 51' 71" S	23° 25' 03" W	7.3	301	"											
	15:00	4788	4753	56° 52' 05" S	23° 27' 41" W	10.4	200	Grige											
	15:13	4302	4207	56° 54' 05" S	23° 29' 21" W	7.4	179	"											
	15:45	3786	3786	56° 57' 48" S	23° 31' 29" W	4.9	219	Kalbin											
	16:00	3875	3841	56° 59' 40" S	23° 32' 38" W	11.2	186	"											
	16:15	3403	3358	60° 03' 20" S	23° 32' 57" W	14.4	173	Christa											
	16:30	3900	3883	60° 06' 09" S	23° 34' 47" W	8.2	219	"											
	16:45	4309	4296	60° 08' 58" S	23° 36' 18" W	14.4	215	"											
	17:00	4462	4446	60° 11' 00" S	23° 37' 11" W	8.0	187	"											
	17:15	4423	4393	60° 11' 36" S	23° 41' 17" W	9.4	212	"											
	17:30	4339	4329	60° 13' 64" S	23° 43' 26" W	10.7	228	"											
	17:45	4043	3971	60° 15' 79" S	23° 46' 67" W	11.8	248	"											
	18:00	3579	3520	60° 17' 67" S	23° 49' 08" W	13.6	215	"											
	18:15	3510	3422	60° 17' 05" S	23° 51' 55" W	11.0	204	Wanta											
	18:30	3678	3571	60° 17' 00" S	23° 54' 31" W	13.1	212	"											
	18:45	3212	3260	60° 24' 84" S	23° 59' 84" W	10.2	215	"											
	19:00	3371	3352	60° 26' 37" S	24° 02' 75" W	7.4	216	"											
	19:15	3581	3559	60° 27' 30" S	24° 05' 11" W	14.5	206	"											
40	19:30	4548	4344	60° 28' 89" S	24° 06' 03" W	12.8	192	"											
	19:45	4515	4190	60° 29' 67" S	24° 06' 37" W	14.1	209	"											
41	20:00	4620	4597	60° 29' 46" S	24° 06' 30" W	14.6	214	"											
	20:15	4530	4494	60° 30' 47" S	24° 08' 72" W	11.5	215	"											
42	20:30	4082	4014	60° 33' 06" S	24° 09' 55" W	7.5	212	"											
	20:45	3685	3653	60° 33' 42" S	24° 09' 04" W	7.4	198	"											
43	21:00	3381	3355	60° 34' 76" S	24° 08' 62" W	1.7	158	"											



Frequenztest
KOL am Grund

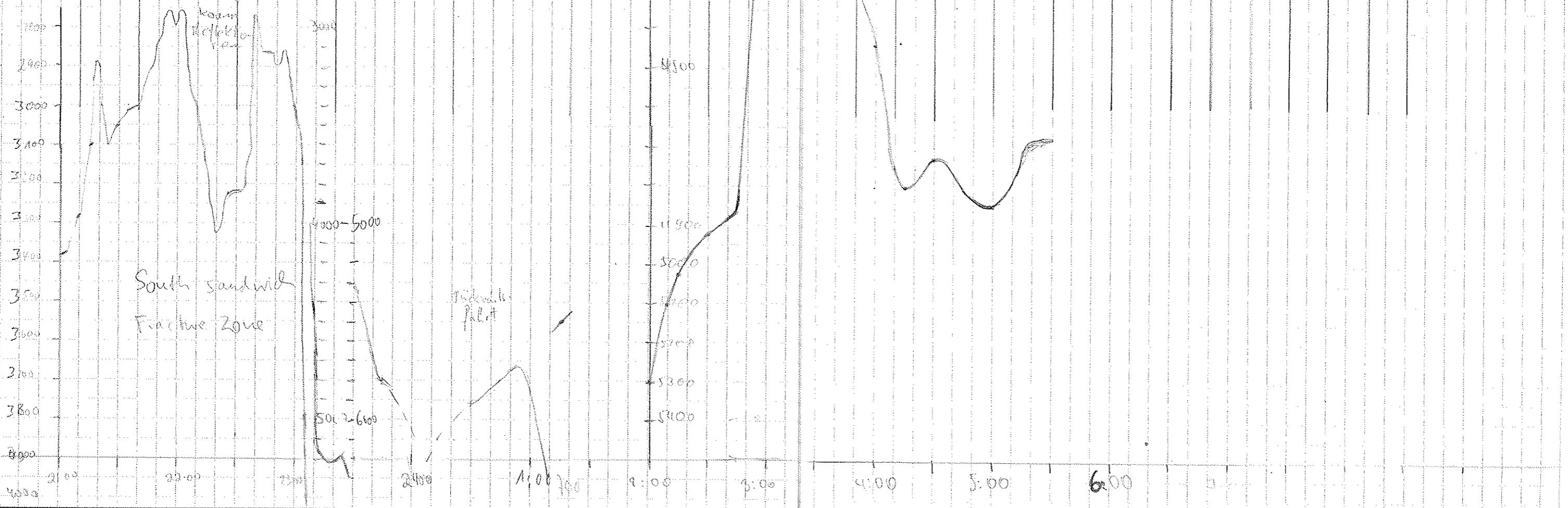
19:15 20:00

6:45 DEVO E06A
Reine Tiefe Konsole
und PD, PS ausge-
schaltet/eingestellt,
6:55 Tiefe gefunden,
6:53 Storage on

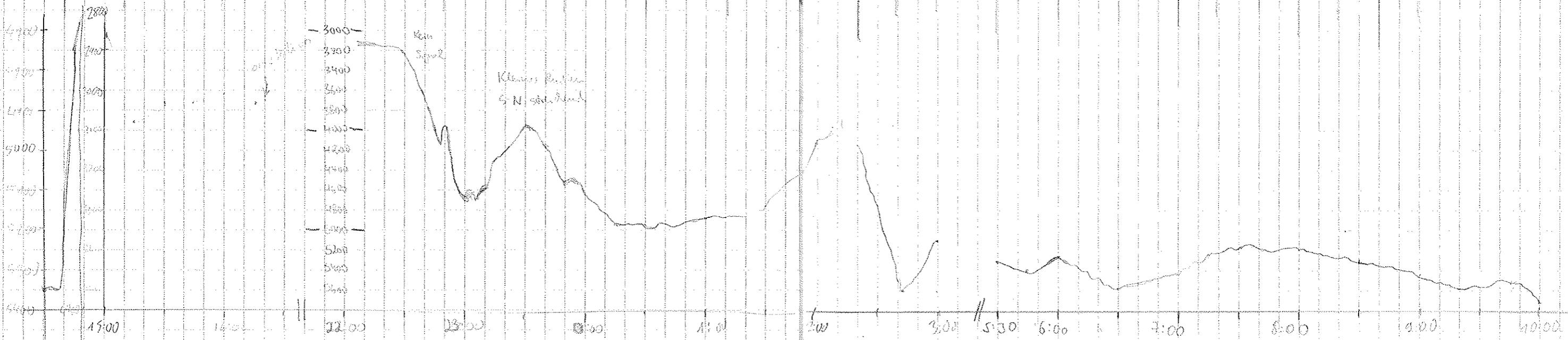
Date	Time	PS	FLS	Latitude	Longitude	Speed	Kurs	Wache	Freq	Pulse	Range	Scale	Mode	Size	Fog	Time	WT	R	H	M	
29.8.92	21:15	3063	3009	60° 36.45'S	24° 09.40'W	13.6	105	NIEBLE	4												
	21:30	3044	2992	39.45	11.50	6.3	203	"													
	21:45	2975	2824	39.50	11.40	1.4	199	"													
	22:00	2812	2793	40.38	11.47	10.8	213	"													
	22:15	3115	3086	60° 42.20'S	24° 11.66'W	14.3	1682	Petzbach	4	4	5000	100	4	S	40	133	10	0	3	1	
	22:30	3232	3100	43.52	13.55'W	0.8	1354	"													
	22:45	2952	2827	45.01	13.50'W	14.3	1631	"													
	23:00	3001	3101	40.33	11.91'W	9.1	1516	"													
	23:15	5221	5209	52.14	09.13'W	8.4	1826	"													
	23:30	5180	5163	53.45	12.04'W	12.8	225	"													
	23:45	5783	5820	55.11'S	14.93'W	2.2	211	BOHRPANN				200									
	24:00	5221	6368	55.63	15.87'W	3.9	210	"													
	0:15	5832	(8021?)	55.81'S	15.55'W	4.2	187	"													
	0:30	5980	5980	56.28'S	15.52'W	3.5	178	"													
	0:45	5841	5871	56.76'S	15.29'W	4.5	173	"													
	1:00	5661	(6105)	56.91'S	14.95'W	1.6	195	"													
	1:15	-	5509	57.30'S	14.35'W	3.2	222	G-nig	4	4	1000	200	4	S	40	133	10	0	3	1	
	1:45	-	-	57.56'S	14.10'W	1.0	157	"													
	2:05	5749	5726	57.96'S	14.32'W	2.1	211	"													
	2:15	5007	5029	58.72'S	14.47'W	1.2	82	"													
	2:32	-	4939	58.37'S	14.66'W	1.5	233	"													
	2:45	-	4864	58.43'S	15.23'W	.9	254	"													
30.8.92	2:01	-	3741	59.88'S	14.49'W	12.6	184	"													
	3:15	3786	3763	67° 02.68'S	24° 14.99'W	14.6	172	"													
	3:20	-	4050	05.42'S	77.34'W	2.8	75	"													
	3:50	4394	4323	06.10'S	75.96'W	8.8	161	"													
	4:30	4723	4728	08.22'S	20.20'W	5.0	209	"													
	4:45	-	4807	8.37	70.00'W	2.7	53	"													
	5:00	4857	4793	8.5	70.13	4.8	247	"													
	5:15	4715	4663	9.0	23.8	10.0	206	"													
	5:30	4677	4638	10.46	20.02	11.1	221	"													

Scale auf 200
geändert

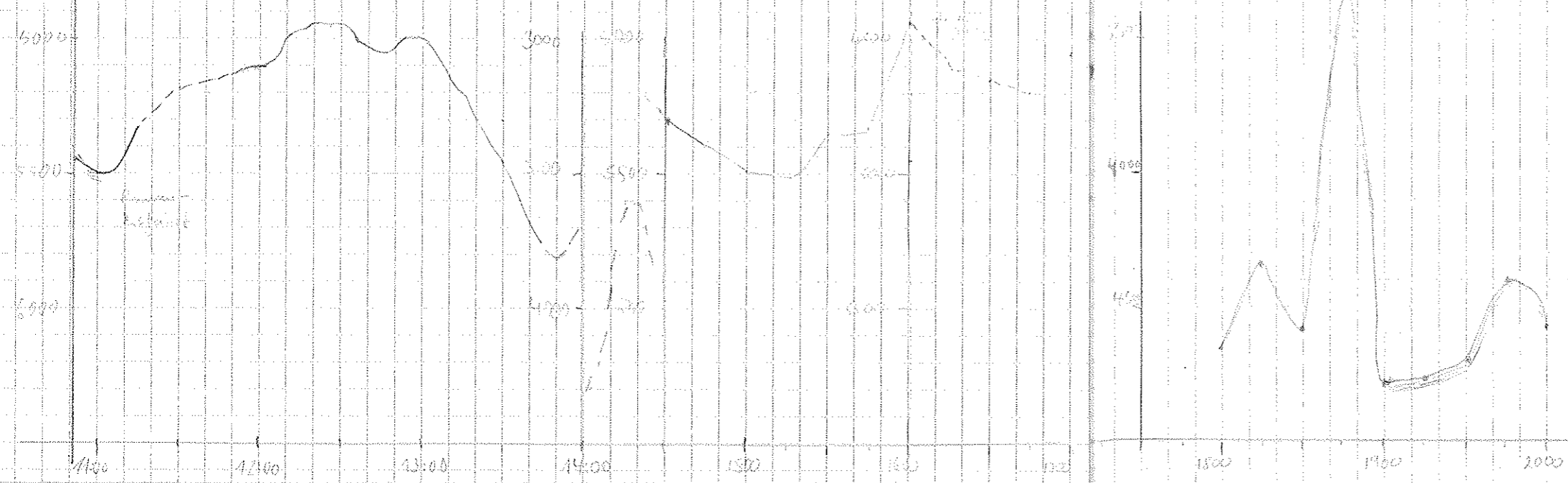
Richtungsfehler



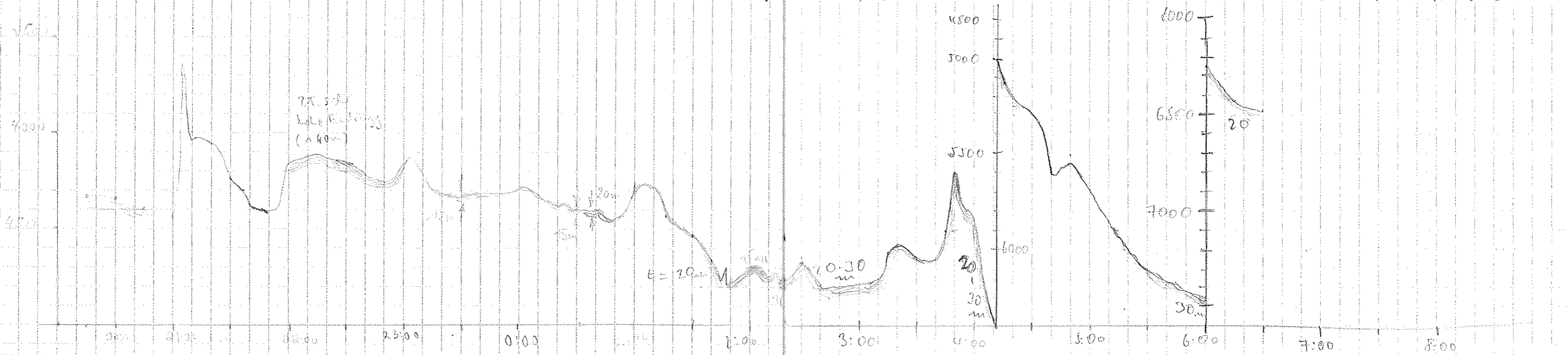
Date	Time	PS	HS	Latitude	Long.	Speed	Knots	Wind	Dir	Freq	Rate	Scale	Mode	Sig	Freq	Time	Alt	R	H	M	Remarks		
31. 8. 92	14:45	4737	4647	60° 50.77'S	24° 07.25'W	7.2	13.3	1/2	1/2	4	4	5000	100	4	5	40	133	10	0	3	1		
	15:00	2888	2827	48.20'S	6.12'W	10.1	13.7	"	"														
	15:15	2080	3078	15.26	5.12	12.7	31.0	"	"														
	15:30	2081	3078	45.11	05.12	13.7	31.0	"	"														
	15:45	2081	3078	44.01	05.12	13.7	31.0	"	"														
	16:00	3057	3078	16.12	05.12	13.7	31.0	"	"														
	16:15	3078	3036	65.34	05.44	5.1	33.3	"	"														
	16:21	3078	3078	15.19	05.12	13.7	31.0	"	"														
	16:30	3078	3078	16.48	05.12	13.7	31.0	"	"														
	16:58	3087	3034	45.74	4.70	1.3	43.7	Whale															
	17:15	3081	3040	45.46	4.43	.9	51.5	Grigo		5.5													
	17:21																						
	22:25	2980 *	3007	60° 36.103 S	24° 08.95 W	9.8	352.1	Petrel		5.5	4	5000	100	4	5	40	133	10	0	3	1	Angary Rolle 7	
	22:45	4732	4087	33.27 S	12.54 W	14.0	8.0	"															
	23:00	4641	4617	29.32 S	12.20 W	15.4	343.3	"															
	23:15	4325	4625	26.22 S	12.35 W	14.8	340.5	"															
	23:30	3862 *	3863	23.36 S	14.55 W	12.0	32.0	"															
	23:45	4354	4314	20.37 S	14.37 W	15.1	4.16	"															
1. 9. 92	0:00	4602	4551	17.50 S	13.53 W	8.7	342	"															
	0:15	4765	4734	15.58 S	11.94 W	10.7	353	Whale															
	0:30	4838		11.24 S	12.40 W	0.4	203	"															
	1:00	4835	4824	12.79 S	12.60 W	6.7	346	"															
	1:30		4634	11.85 S	12.78 W	3.6	350	"															
	2:00	4138	3507	11.10 S	12.75 W	2.5	356	"															
	2:41		5600	9.24 S	12.23 W	7.4	404	"															
	3:30			59° 58' 06" S	23° 58' 7" W	3.8	72.1	Grigo															
	6:00		5248	55.14	24° 00.99 W	12.2	339	"															
	6:30	5583	5546	52.80	00.40 W			"															
	7:00	5452	5475	50.76	23° 53.46 W	8.9	350	"															
	7:30		5787	48.11 S	57.60 W	7.7	213	Whale															
	7:45	5227	5797	43.34 S	57.44 W	7.7	186	"		4	4	5000	100	4	5	40	133	10	0	3	1		
	8:00	5180	5762	42.77 S	57.05 W	6.9	106	"															
	8:10	5308	5287	47.76 S	58.78 W	13.4	283	"															
	9:00		5786	45.48 S	24° 5.26 W	8.1	345	"															
	9:15		5933	44.61 S	4.37 W	4.6	200	"															
	9:45	5540		44.05 S	3.84 W	2.8	190	"															
	10:00	5643	5612	43.75 S	3.61 W	0.3	23	"															
	10:30	5640		43.07 S	4.65	12.3	59	"															



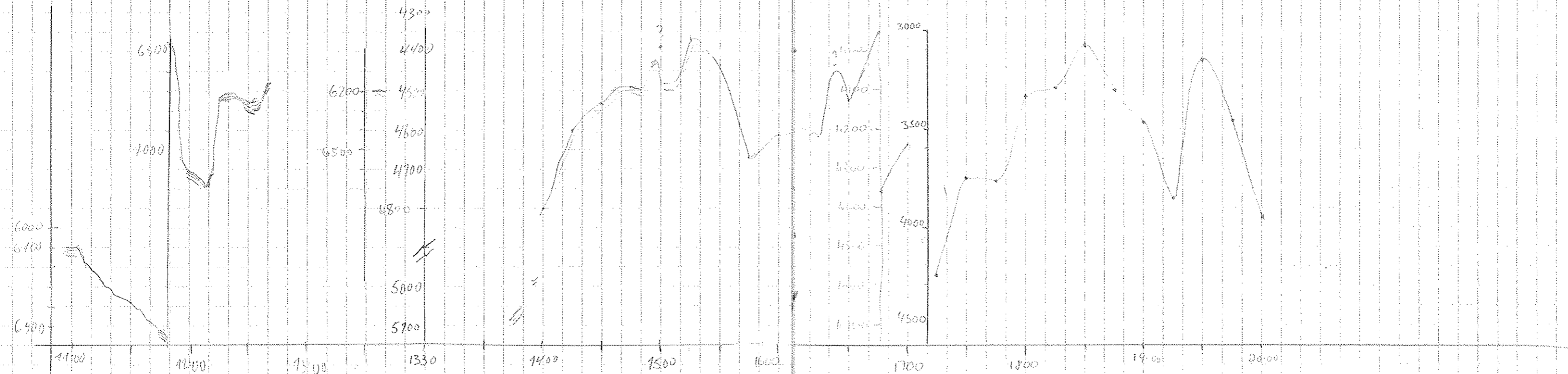
Date	Time	PJ	NS	Latitude	Longitude	Speed	Kurs	Water	Freq	Rate	Range	Scale	Mode	Sig	Frg	Tim	wt	R	H	M	remarks	
1.9.92	10:45	5472	5501	28°42,09'S	23°58,07'W	11,6	54,4	Mula	4	4	5000	200	4	5	40	133	70	0	3	7		
	11:00	5525	5545	41,81'S	57,71'W	4,6	34,1	"														
	11:15	5337	5723	47,04'S	56,37'W	2,3	22,5	Gr...														
	11:30	4688 x	8433 *	41,04'S	56,35'W	0,3	226,6	Peb...														
	11:45	4702 x	4131 x	40,83'S	55,38'W	5,7	33,5	"														
	12:00	4732 x	460 *	40,58'S	55,00'W	7,0	18,0	"														
	12:15	4389	4370	38,70'S	53,94'W	7,5	3,3	"														
	12:30	4360	5052	38,14'S	52,76'W	4,0	8,1	"														
	12:45	5021	516	36,91'S	51,50'W	8,3	17,9	"														
	13:00	5074	5060	36,21'S	50,02'W	6,8	22,9	"														
	13:15	5198	5177	33,38'S	47,77'W	10,2	45,5	DEES														
	13:30	5464	5465	31,54'S	46,56	9,4	21,3	"														
	13:45	5760	6757	30,01'S	45,39	11,4	11,0	"														
	14:00	5181	243388	29,87	43,70	4,5	57,5	"														
	14:15	4321	23242	30,23	43,32	6,8	147,3	"														
	14:30	5312	5387	30,92	38,26	8,7	103,4	"														
	14:45	6376	5392	30,26	34,62	4,4	88,5	"														
	15:00	5819	5458	29,10	34,96	12,7	63,3	"														
	15:15	73	51	27,90	23,29	10,7	10,7	Wet...														
	15:30	5111	5391	26,70	21,46	8,6	83,2	"														
	15:45	5157	513	25,87	23,23	11,1	91	"														
	16:00	5154	6415	21,62	17,9	12,2	51	"														
	16:15	600	1607	23,23	11,51	3,9	75,8	"														
	16:30	6587	1657	23,23	10,20	1,1	78,7	"														
	16:45	6112	1659	22,61	07,7	10,6	12,9	"														
	17:00	58	151	21,7	01,76	6,1	13	"														
	17:15	4540	4557	20,31'S	00,76'W	10,0	327,9	W...														
	17:30	4275	4244	18,05'S	02,03'W	12,5	335,4	"														
	17:45	4416	4369	15,42'S	00,40'W	12,8	340,8	"														
	18:00	4661	4579	13,19'S	01,53'W	12,5	22,5	"														
	18:15	4372	4438	13,30'S	22° 55'10"	4,0	115,0	"														
	18:30	3594	4613	13,30'S	22° 38'64"	4,2	96,3	"														
	18:45	3300	5116	12,20'S	56,51"	10,3	13,3	"														
	19:00	4813	4797	11,77	53,36	10,2	118,2	Sh...														
	19:15	4772	4733	11,98	50,34	7,2	75,2	"														
	19:30	4706	4976	11,91	46,41	4,3	60,8	"														
	19:45	4400	4417	11,02	45,59	4,6	68,2	"														
	20:00	4586	4545	09,46	40,24	15,2	70,1	"														



Date	Time	PS	HS	Lat, Londe	Long, Londe	Speed	Kms	Wave	Height	Freq	Pulse	Range	Scale	mode	Sig	Frg	Time	wt	R	M	u	Remarks		
1.9.52	20:15	4322	4342	59° 08.53 S	22° 39.56 W	11.5	79.5			4	7	5000	200	4	5	40	13	10	0	3	7			
	20:30	4339	4294	06.01 S	29.49 W	14.7	78.9																	
	20:45	4391	4357	07.86	22.65	11.4	71.5																	
	21:00	4465	4417	07.82	18.54	13.4	15.0																	
	21:15	3923	3931	04.48	17.82	9.0	3.2	MLP																
	21:30	4237	4225	07.24	15.83	10.5	21.8																	
	21:45	4417	4221	00.64	17.47	12.7	340.2																	
	21:00	4169	4141	58° 57.96	19.82	4.7	70.3																	
	22:15	4130	4036	55.27	20.20	8.7	344.3	P																
	22:30	4165	4172	54.84 S	20.44	5.4	306.6																	
	22:45	4220	4172	51.35	19.01	14.8	14.9																	
	23:00	4145	4103	49.06	20.66	14.2	338.4																	
	23:15	4303	4257	46.82	22.54	11.5	291.6	K																
	23:30	4311	4272	46.78	22.84	0.8	100.5																	
	23:45	4306	4269	46.85	22.15 S	1.6	88.5																	
	2.9.52	09:00	4291	4353	46.01	22.44	8.1	57.8																
		09:15	4354	4311	44.17	21.38	13.3	318.0																
		09:30	(4445)	4423	41.55	22.09	13.5	294.2																
		09:45	4465	4442	58° 40.31	27.83	15.0	269.7																
		10:00	4221	4406	39.18 S	21.35	13.5	325																
		10:15	4435	4379	37.66 S	33.77	2.8	163.1																
		10:30	4515	4577	36.32	30.02	0.5	324	G				5000											Wave range and 2000 m
		10:45	4678	4637	33.59	30.10	20.6	306																
		11:00	4750	4772	31.30	43.08	15.4	343																
11:15		4767	4738	30.29	46.17	7.5	300																	
11:30		4818	4754	27.27	49.53																			
11:45		4623	4604	20.22	52.78	9.4	319																	
12:00		4658	4679	18.87	55.83	7.6	15.1																	
12:15		4493	4479	17.16	59.65	13.4	305																	
12:30		-	4545	14.55 S	23° 05.81 W	13.7	282																	
12:45		-	5137	14.04 S	10.36 W	11.3	275																	
13:00		5403	5388	16.52	14.83	8.3	260																	
13:15		5583	5573	16.83	19.18	11.5	245																	
13:30	-	5590	17.01	23.12	9.4	293																		
13:45	6063	6041	14.99	28.17	8.6	277																		
14:00	6063	6052	15.1	30.84	8.6	327																		
14:15	6262	6271	15.3	34.68	9.5	242																		
14:30	6424	6440	15.7	37.49	6.8	283																		
14:45	6472	6486	14.48	39.72	2.0	218																		

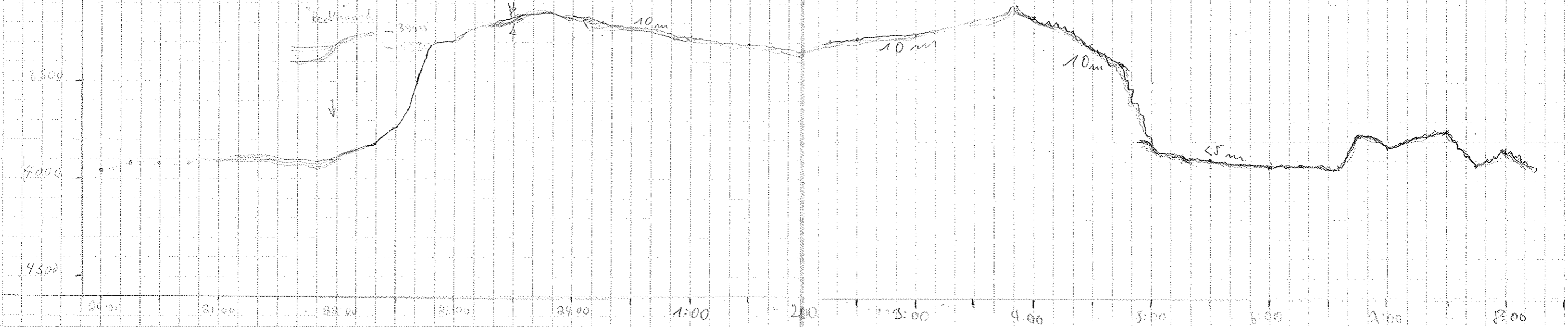


Date	Time	Depth PS	Depth HS	Latitude	Longitude	Speed	W. Corr	Wind	Temp	Pres	Range	Scale	Mode	Sig	Fog	Tim	wt	R	H	M
2.9.92	10:54	6094	6091	52° 17' 65" S	23° 30' 48" W	7.5	74.1	Kahn	4	4	5000	100	4	S	40	100	10	0	3	1
	11:15	6216	6253	15' 18"	34' 18"	8.7	308	N.L.												
	11:30	6294	-	14' 25" S	38' 47" W	4.2	318	Vadn												
	11:45	6570	6555	13' 56" S	41' 46" W	10.9	318	"			10000									
	12:01	7107	7139	12' 14" S	49' 31" W	7.3	273	"												
	12:07	7144	7150	11' 57" S	46' 61" W	13.1	285	"												
	12:15	6770	6821	11' 50" S	48' 13" W	5.1	256	"												
	12:30	6762	6790	10' 52" S	51' 78" W	11.0	308	"												
	12:45	6581	6598	8' 88" S	55' 46" W	10.5	299	Biddins												
	13:00	6273	6761	8' 60" S	53' 14" W	0.8	172	"												
	13:15	6050	1869	9' 34" S	53' 70" W	11.4	151	"												
	13:30	5608	-	6' 21"	24° 02' 47" W	10.2	301	Christ												
	13:45	5067	5045	58° 05' 35"	07' 36" W															
	14:00	4903	4925	04' 40"	11' 01"	7.3	377	Gri	4	6	5000	100	4	S	40	100	10	0	3	1
	14:15	4600	-	03' 31"	13' 44"	10.3	96	"												
	14:30	4333	4495	02' 07"	15' 39"	6.0	280	Chris												
	14:45	4495	4469	01' 49"	15' 92"	4.9	337	"												
	15:00	4380	4496	58° 00' 53" S	24° 17' 90" W	8.3	330	"												
	15:15	4116	4365	00' 16"	21' 32"	12.3	276.9	Wada												
	15:30	4506	4410	57° 59' 45"	06' 09"	17.8	308.3	"												
	15:45	4705	4061	58' 01"	00' 06"	4.6	284	"												
	16:00	4611	4022	57' 08"	04' 32"	8.1	282.1	"												
	16:15	4628	4625	57' 10"	06' 03"	7.3	336	"												
	16:30	4511	4618	57' 08"	08' 00"	17.7	312	"												
	16:45	4413	4615	57' 08"	10' 00"	11.7	297	"												
	17:00	4113	4710	57' 08"	12' 25"	7.1	301	"												
	17:15	4252	4185	57° 51' 19" S	24° 50' 76" W	10.7	274.3	Ma												
	17:30	3714	3841	51' 16" S	55' 23" W	7.3	255.1	"												
	17:45	3767	3698	52' 58" S	57' 18" W	8.8	304.6	"												
	18:00	3334	3293	52' 08" S	250° 01' 18" W	10.0	235.1	"												
	18:15	3203	3244	57° 34' 61" S	259° 01' 65" W	14.1	126.0	"												
	18:30	3011	3000	56' 48" S	55' 02" W	15.2	131.6	"												
	18:45	3205	3233	57° 58' 91" S	24° 50' 32" W	14.2	132.0	"												
	19:00	3486	3406	56' 47"	49' 34"	14.9	113	Shelby												
	19:15	3659	3805	54' 07"	51' 79"	13.1	281.0	"												
	19:30	3137	3080	55' 73"	56' 75"	14.0	236.2	"												
	19:45	3464	3473	54' 06"	53' 76"	8.8	51.4	"												
	20:00	3953	3910	52' 69"	51' 67"			"												



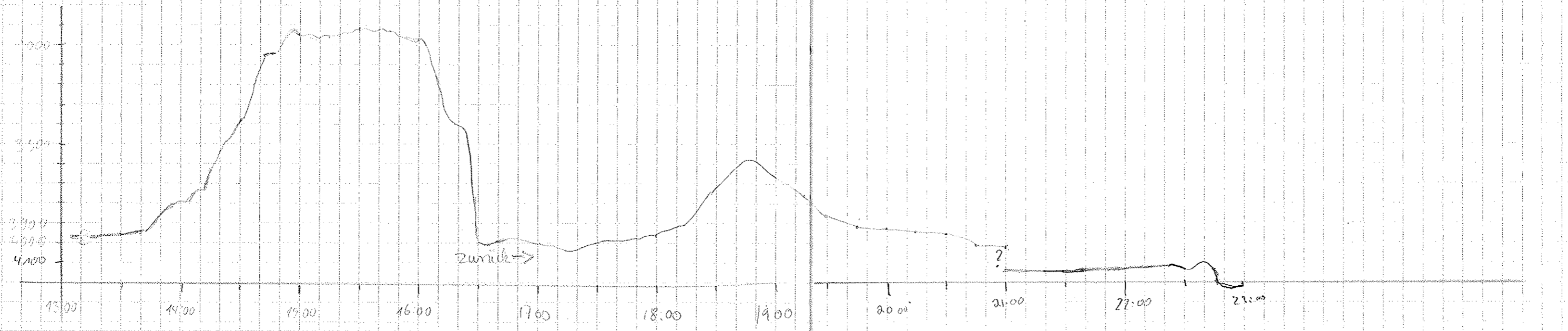
Date	Time	PS	HS	Lat	Long	Speed	Kms	Wach	Freq	Pulse	Range	Scale	Mode	Sub	Fry	Tim	St	R	H	G	Remarks	
3.9.82	20:15	3916	3887	57°52.9'S	24°51.52'W	0.9	35.7	Shirley	4	4	5000	100	4	S	40	133	10	0	3	7		
	20:30	3919	3886	58.03	51.46	1.2	285.1	"														
	20:45	3918	3880	58.03	51.93	0.7	60.0	"														
	21:00	3901	3873	58.04	51.65	0.6	136.5	"														
	21:15	3883	3862	58.11	51.29	0.4	298.9	MIC														
	21:30	3902	3875	58.10	51.31	0.6	289.3	"														
	21:45	3911	3876	58.28	51.49	0.5	219.0	"														
	22:00	3890	3867	58.11	51.28	2.0	215.3	"														
	22:15	3850	3817	58.51	52.56	2.6	249.9	"														
	22:30	3761	3720	58.98	53.48	1.7	270.6	"														
	22:46	3534	3382	59.10	54.11	2.1	210.7	P. M. Unit														
	23:00	3310	3258	59.86	54.78	1.1	214.7	"														
	23:15	3227	3192	58.07	55.62	2.0	278.0	Wade														
	23:30	3201	3161	58.90	55.87	1.8	284.5	"														
	23:45	3178	(3141)	58.90	55.92	0.3	290.5	"														
3.9.82	00:00	3189	3152	58.87	55.85	0.9	88.6	"														
	00:15	3197	3161	58.91	55.87	0.7	98.9	"														
	1:00	3277	3244	58.98	54.87	.3	6.0	Grigol	4	4	5000	100	4	S	40	133	10	0	3	7		
	1:30	3305	3240	58.87	54.72	2.6	293	"														
	2:15	3289	3244	58.93	54.87	.5	243	"														
	2:30	3275	3236	58.00	55.10	.7	237	"														
	3:00	3265	3237	58.00	55.19	.7	115	"														
	4:00	3166	3122	58.50	58.88	4.0	302	"														
	4:30	3177	3278	58.33'S	25°03.04'W	8.7	320	"														
	5:00	3410	3374	58.35	05.47'W	8.1	314	"														
	5:00	3810	3783	50.37	09.09	9.2	281	"														
	5:15	3847	3816	50.43	10.72	4.3	288	"														
	5:30	3892	3857	49.85	12.49	6.6	325	"														
	5:45	3913	3882	48.94	15.20	8.3	297	"														
	6:00	3923	3885	48.14	17.28	7.3	199	"														
	6:15	3925	3892	47.88	18.65	5.9	340	"														
	6:30	-	3923	47.02	20.26	7.4	260	"														
	6:45	3785	3741	46.64	23.38	6.0	289	"														
	7:00	3823	3802	46.68	22.04	2.1	120	"														
	7:15	3784	3745	45.07	23.23	3.0	287	"														
	7:30	3714	3772	44.86	23.70	3.4	48.0	"														
	7:45	3916	3859	45.20	27.74	8.1	131	"														
	8:00	3860	3836	46.12	20.73	6.3	278	"														
	8:15	3923	3878	45.76	27.91	.8	324	"														
	9:33	3970	3853	45.3	19.9																	

6:38 Konsole TouH 142
 keine Tiffen DE50
 DE50 kein Faser v. PS
 PS ausgedallert/eingest.
 6:38 DE50 Tüfe gelad.
 Station 57; Sto off
 MUC auf Grund



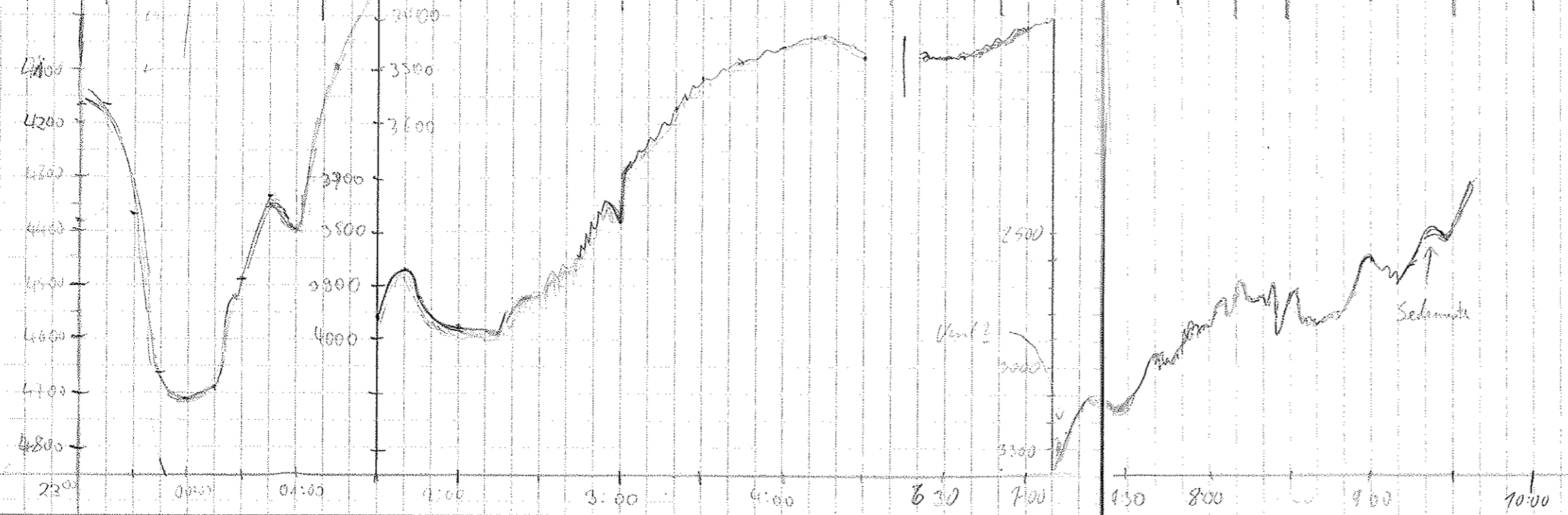
Date	Time	PS	HS	Latitude	Longitude	Speed	Kms	Wave	Freq	Range	Scale	Mode	Sig	Freq	Time	WT	R	M	M	remarks		
3.9.42	13:13	3974	3943	57°49.81'S	25°16.94'W	5.3	84.0	Kuch	4	4	5000	100	4	5	40	133	10	0	3	1		
	13:30	3958	3925	46.78'S	16.68'W	5.3	182	"														
	13:56	3818	3779	50.78'S	12.58'W	12.6	150	"														
	14:45	3645	3615	50.27'S	9.46'W	11.7	133	"														
	14:52	3996	3978	56.20'S	3.96'W	11.6	78	"														
	14:45	3033	-	56.30'S	0.08'W	8.7	19.1	"														
	15:00	2977	2938	57.97'S	24 50.17'	1.1	177	Wash II														
	15:15	2921	2940	59.02	57.19	7.7	201	"														
	15:30	2946	2908	59.21	56.76	0.2	111	"														
	15:45	2972	2917	58° 01.31'S	56.54	21.6	120	"														
	16:00	3020	3027	02.46 S	51.46	12.8	91.0	30.6														
	16:15	3369 *	3237	02.28	46.84	11.5	107.0	"														
	16:30	4009	3982	02.61	41.58	9.7	56.2	"														
	16:45	3994	3985	07.63	41.87	0.5	89.3	"														
	17:00	4011	3996	02.57	41.52	0.4	354.0	"														
	17:15	4020	3987	02.43	41.61	1.0	309.0	"														
	17:30	4001	3979	02.30	41.75	0.5	352.8	"														
	17:45	3995	3973	02.20	41.85	0.4	307.2	"														
	18:00	3966	3930	07.14	42.00	0.4	297.0	"														
	18:15	3909	3878	02.06	42.11	0.5	319.0	"														
	18:30	3717	3686	09.73	43.01	2.5	328.0	"														
	18:45	3589	3578	01.25	43.06	3.1	30.0	"														
	19:00	3671 *	3638	00.75	42.41	0.4	106.0	"														
	19:15	3773	3736	00.69	42.10	0.5	77.6	shiky														
	19:30	3878	3861	00.51	41.71	1.8	48.4	"														
	19:45	3916	3886	00.25	41.29	1.0	24.1	"														
	20:00	3979	3931	57°59.88	41.01	1.2	67.6	"														
	20:15	3948	3979	59.56	40.74	0.6	325.6	"														
	20:30	3969	4019	59.48	40.67	0.8	56.4	"														
	20:45	4110	4100	59.36	40.36	0.8	43.7	"														
	21:00	4178	4119	59.23	40.06	0.9	41.6	"														
	21:15	4151	4118	59.13	39.69	0.9	58.1	MIELE R														
	21:30	4150	4120	59.07	39.53	0.5	3.7	"														
	21:45	4147	4118	58.93	39.39	0.4	17.0	"														
	22:00	4138	4104	58.83	39.21	0.4	65.2	"														
	22:15	4129	4093	58.72	38.98	0.6	40.9	"														
	22:30	4126	4112	58.88	38.82	5.8	188.5	Pat. Sec II														
	22:45	4145	4122	58.56	38.56	7.6	181.2	"														
	23:00	3945 *	4222	58°00.57 S	38.70 W	1.0	257.2	"														

Dredge, 17.5m

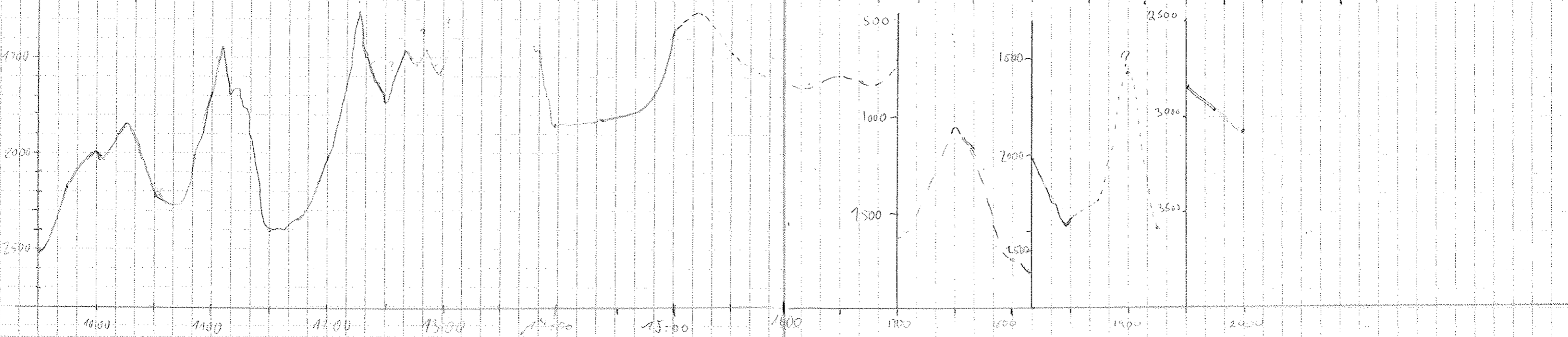


Date	Time	PS	H/S	Latitude	Longitude	Speed	Kurs	Via	Re	Freq	Pulse	Range	Scale	Hook	Sig	Fsq	Time	wt	R	H	M	remarks	
31.9.92	23:15	4160	4154	57° 58, 7295	24° 38, 19' W	7.2	1.5	Krad		4	4	5000	100	4	S	40	133	10	0	3	1		
	23:30	(4371)	(4510)	57, 23	36, 63	5, 9	30, 1	"															
	23:45	(4664)	(22362)	55, 82	36, 09	8, 7	56, 3	"															
01.9.92	00:00	4702	4685	53, 77	36, 44	8, 9	77	"															
	00:15	4693	4658	52, 36	38, 13	8, 5	335, 1	"															
	00:30	4491	4446	52, 08	42, 82	10, 3	297, 6	"															
	00:45	4334	4301	51, 22	47, 73	10, 0	319, 0	"															
	01:00	4391	4355	48, 42	49, 34	12, 5	300, 0	"															
	1:15	4096	4067	48, 18	54, 30	3, 0	277	Grigel		4	4	5000	100	4	S	40	133	10	0	3	1		
	1:30	3956	3922	47, 58	58, 58	9, 9	277	"															
	1:45	3921	3879	44, 67	25° 03, 42	10, 2	275	"															
	2:00	3947	3944	47, 46	07, 88	10, 1	275	"															
	2:15	3985	3952	47, 47	12, 73	10, 1	257	"															
	2:30	3919	3880	48, 29	17, 58	10, 0	249	"															
	2:45	3847	3822	48, 28	27, 94	9, 9	377	"															
	3:00	3785	3754	47, 77	26, 16	12, 1	264	"															
	3:20	3586	3538	47, 02	32, 77	7, 8	753	"															
	3:30	3572	3517	46, 36	35, 70	11, 6	289	"															
	3:45	3484	3447	45, 6	36, 35	9, 6	136	"															
	4:00	3455	3479	43, 76	39, 36	10, 0	281	"															
	4:15	3437	3392	43, 25	41, 22	8, 6	104	"															
	4:30	3472	3441	43, 83	39, 30	1, 3	211	"		5.5													
	4:45	3470	3439	43, 88	38, 67	8, 3	130	"															
	5:35	3479	3450	44, 04	37, 54	5, 2	71	"															
	6:23	3469	3443	44, 07	36, 76	5, 6	288	"		4													
	6:30	3487	3441	43, 80	38, 75	8, 2	203	"															
	6:45	3453	3416	43, 12	40, 89	8, 2	240	"															
	7:00	3417	3376	41, 47.5	43, 57	10, 6	329	Haken															
	7:15	3234	3166	39, 57	46, 72	11, 0	309	"															
	7:30	3152	3109	38, 00	48, 48	4, 9	330	"															
	7:45	2984	2930	36, 60	51, 55	4, 5	310	"															
	8:00	2886	2833	36, 72	54, 31	4, 3	214	"															
	8:15	2771	2728	36, 32	56, 82	4, 3	328	"															
	8:30	2731	2697	34, 65	59, 63	6, 2	319	"															
	8:45	2819	2784	32, 83	26° 0, 46'	5, 8	300	"															
	9:00	2611	2569	31, 59	3, 19'	7, 6	325	"															
	9:15	2665	2608	30, 23	5, 19'	7, 2	322	"															

Stations 57 St. off
MUC auf Grund
Storage on / St. E. d.



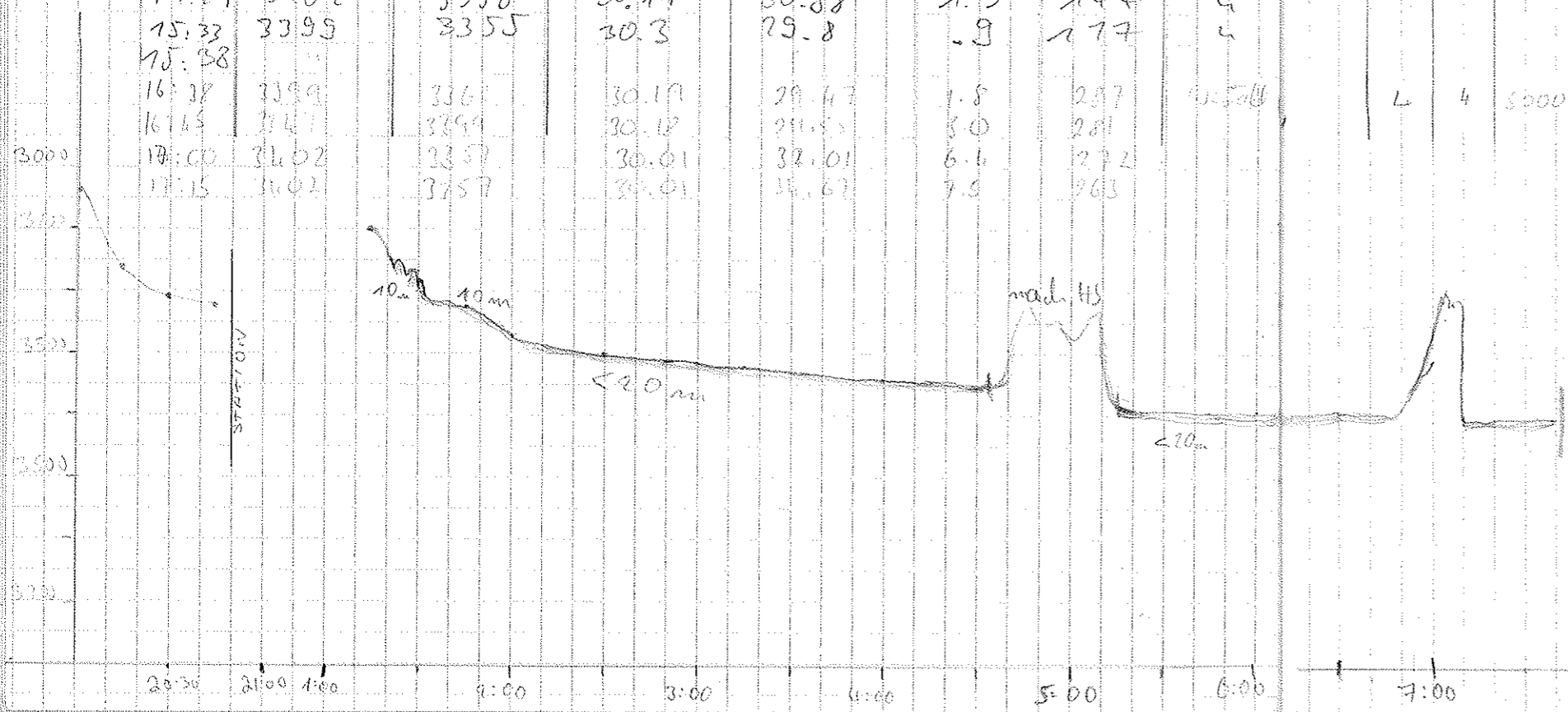
Date	Time	PS	HS	Latitude	Longitude	Speed	Kurs	Winkel	Freq	Polse	Range	Scale	Mode	Sign	Freq	Time	wt	R	M	Remarks		
09.09.91	9:30	2504	2435	57° 28.84' S	26° 7.03' W	6.9	320	Kuhn	4	4	5000	400	4	S	40	133	10	0	3	7		
	9:45	2182	2127	29.12 S	9.72 W	8.4	316	"														
	10:00	-	2004	26.31 S	12.14 W	7.0	299	"														
	10:15	1833	1817	25.48 S	14.18 W	7.9	292	"			2000											
	10:30	2225	2193	24.65 S	17.60 W	7.2	229	"														
	10:46	2192	2155	26.20 S	18.60 W	4.7	130	"														
	11:00	-	1687	29.38 S	16.25 W	7.2	128	"														
	11:15	1641	1751	28.62 S	13.50 W	6.4	139.5	Kupfer														
	11:30	24141	2392	30.14 S	11.15 W	7.5	174.5	"														
	11:45	2342	2301	31.11 S	26.12 W	6.7	211.1	"														
	12:00	2002	1954	32.57 S	26.14 W	8.1	214.4	"														
	12:16	-	1960	34.81 S	17.17 W	9.2	203	Kuhn														
	12:34	-	1702	37.27 S	18.22 W	8.0	170	"														
	11:45	1424	1557	38.13 S	18.94 W	8.5	285.3	Rambert														
	13:00	1835	1827	36.21 S	20.80 W	10.7	23.2	"														
	13:15	1108 *	1240	33.99 S	20.04 W	8.4	10.7	"														
	13:52	-	1857	35.93 S	16.31 W	7.6	357	K.L.	5.5	4	2000	200	1	S	40	266	10	0	3	1	Start Line 24 Unigsdollet auf Mode 1, da keine Kette gefunden	
	14:22	1828	1791	35.18 S	16.26 W	1.6	538	Gingol	5.5	4	2000	200	1	S	40	266	10	0	3	1		
	15:00	1385	1345	34.35 S	17.29 W	.9	358	Gingol														
	15:15	1275	1271	34.19 S	17.3	.7	218	Wierfeld														
	15:30	1501	1475	37.45 S	17.37 W	.9	320.8															
	15:45	1606	1576	33.76 S	17.44 W	.8	64.2															
	16:00	1651	1609	37.71 S	17.26 W	.1	67.2		5.5													
	16:15	1659	1551	33.60 S	16.96 W	.8	75.8	Bosch														
	16:30	1593	1566	33.88 S	16.78 W	.7	112.1	"														
	16:45	1596	1665	33.54 S	16.50 W	1.1	26.8	"														
	17:00	1631 *	1736	33.25 S	18.09 W	9.6	278.7	"	4.0													
	17:15	1289 *	1516	33.80 S	22.95 W	9.0	288.5	"														
	17:30	1057 *	973	32.26 S	26.76 W	10.3	282.7	"														
	17:45	991 *	1132	32.49 S	30.84 W	8.6	268.5	"														
	18:00	1483 *	1735	32.35 S	34.92 W	9.1	299.2	"														
	18:15	2126 *	2136	31.64 S	39.56 W	9.6	269.5	"			5000											
	18:30	2321	2257	31.98 S	45.68 W	10.7	268.9	"														
	18:45	2259 *	1999	32.24 S	50.65 W	10.5	276.9	"														
	19:00	1588 *	1907	32.11 S	55.83 W	11.9	271.8	"														
	19:15	2394	2356	31.94 S	27° 01.59 W	9.3	273.8	Shirley														
	19:30	2856 *	2817	30.92 S	06.34 W	13.4	282.8	"														
	19:45	2972	2924	31.14 S	12.26 W	13.0	264.5	"														
	20:00	3097	3050	31.42 S	18.09 W	12.9	288.5	"														



Start Line 24
Unigsdollet auf
Mode 1, da keine
Kette gefunden

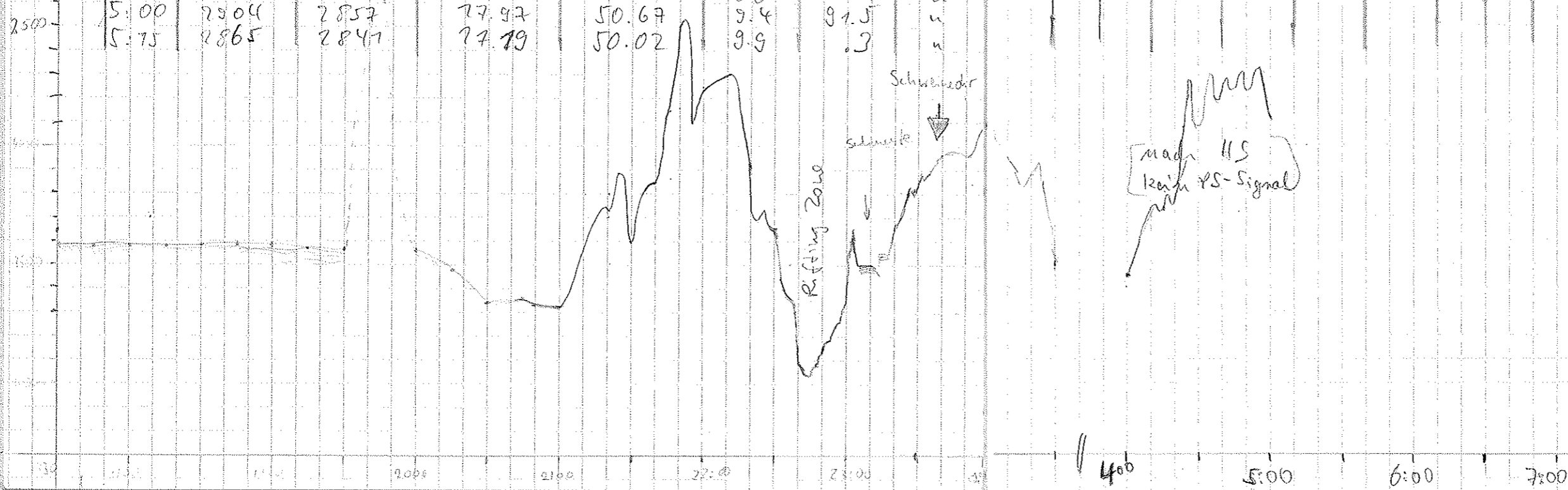
Antony Rolle 8

Date	Time	PS	HS	Lat	Long	Speed	Kurs	Wach	Freq	Puls	Reum	Stake	Prode	Sig	F _g	Tem	Wf	R	H	M	Remarks														
4.9.92	20:15	3158	3104	57° 31.21	27° 23.49	7.3	291.0	Shiky	4	4	5000	100	4	S	40	133	10	0	3	1															
	20:30	3205	3159	31, 16	26, 91	10.7	264.8	"																											
	20:45	3236	3193	31, 13	29, 34	1.3	180	"																											
	21:00																																		
	21:15	3227	3181	31, 42	28, 39	1.7	136	Nieder																											
	21:30	3222	3176	31, 87	27, 97	1.0	128.1	"																											
	5.9.92	1:16	3100	3055	34, 00	27, 35	4.3	269														Grigel	4	4	5000	100	4	S	40	133	10	0	2	1	Station 54 E de / Station
		1:31	3194	3150	33, 72	26, 04	7.8	280														"													
		1:45	3229	3204	33, 83	29, 76	7.6	261														"													
		2:00	3270	3224	34, 42	32, 91	8.1	270														"													
2:30		3301	3254	33, 37	39, 34	6.2	282	"																											
2:53		3313	3268	33, 67	42, 54	7.0	290	"																											
3:00		3315	3269	33, 57	43, 79	6.2	267	"																											
3:15		3327	3275	32, 79	46, 47	7.3	300	"																											
3:25		3334	3290	37, 97	50, 37	6.3	291	"																											
3:45		3347	3296	37, 57	52, 21	7.0	284	"																											
4:00	3346	3302	37, 31	55, 26	6.8	275	"																												
4:15	3349	3308	37, 09	58, 65	7.0	276	"																												
4:30	3358	3312	30, 95	28° 01.91	7.5	269	"																												
4:45	-	-	30, 83	03, 97	4.3	295	"																												
5:00	-	3384	30, 80	06, 06	4.3	307	"																												
5:15	-	3330	31, 10	08, 06	3.1	255	"																												
5:30	338x	3338	37, 09	09, 41	2.6	255	"																												
5:45	3384	3339	30, 88	14, 77	5.6	265	Kahn																												
6:00	3386	3342	30, 87	14, 38	1.7	275	Grigel																												
6:15	3386	3340	30, 83	15, 89	4.7	254	"																												
6:30	3389	3342	30, 99	17, 94	6.3	269	"																												
6:46	3390	3346	30, 95	21, 40	6.9	273	Kahn																												
7:00	3394	3348	30, 40	24, 26	6.8	281	"																												
7:21	3400	3357	30, 49	27, 57	3.2	269	"																												
7:40	3401	3352	30, 44	30, 32	4.5	181	"																												
7:51	3399	3356	32, 06	26, 87	3.7	327	"																												
8:01	3399	3354	30, 74	28, 07	2.5	0	"																												
8:15	3399	3357	30, 14	29, 84	6.3	272	Grigel																												
8:27	3402	3358	30, 11	30, 88	1.3	147	"																												
8:33	3399	3355	30, 3	29, 8	.9	177	"																												
8:38																																			
16:38	3399	3361	30, 17	29, 47	1.8	297	W. Fall	L	4	5000	100	4	S																						
16:45	3401	3399	30, 12	21, 55	3.0	281	"																												
17:00	3402	3357	30, 01	32, 01	6.1	272	"																												
17:15	3402	3357	30, 01	34, 67	7.9	263	"																												

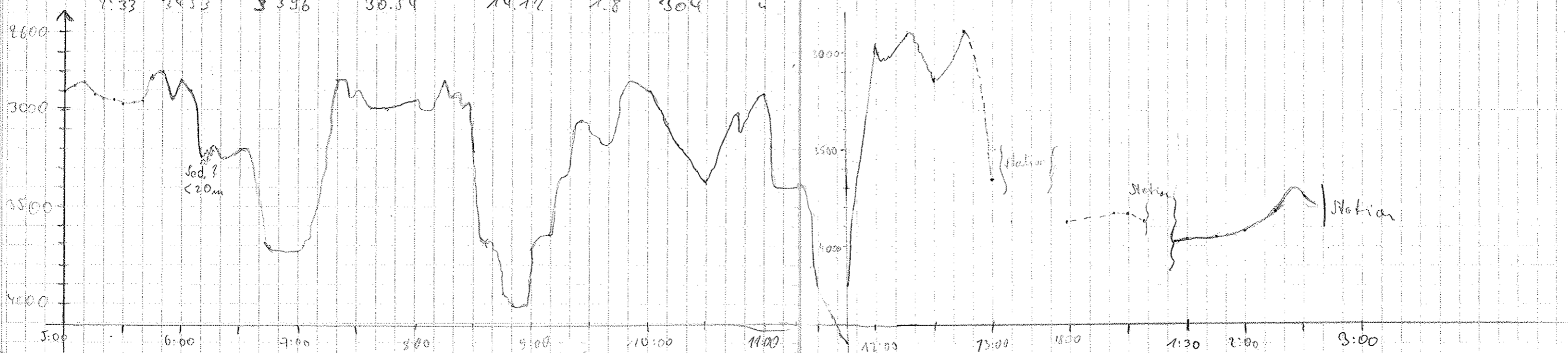


13: 31 - Höhe d. KOL
 an Station Speichungs
 9:58 HP OAW - Exfor
 (Neuprogrammierung)
 Vorhole und alte POS.
 HS off
 KOL an und
 Beginn FT
 Unterweg

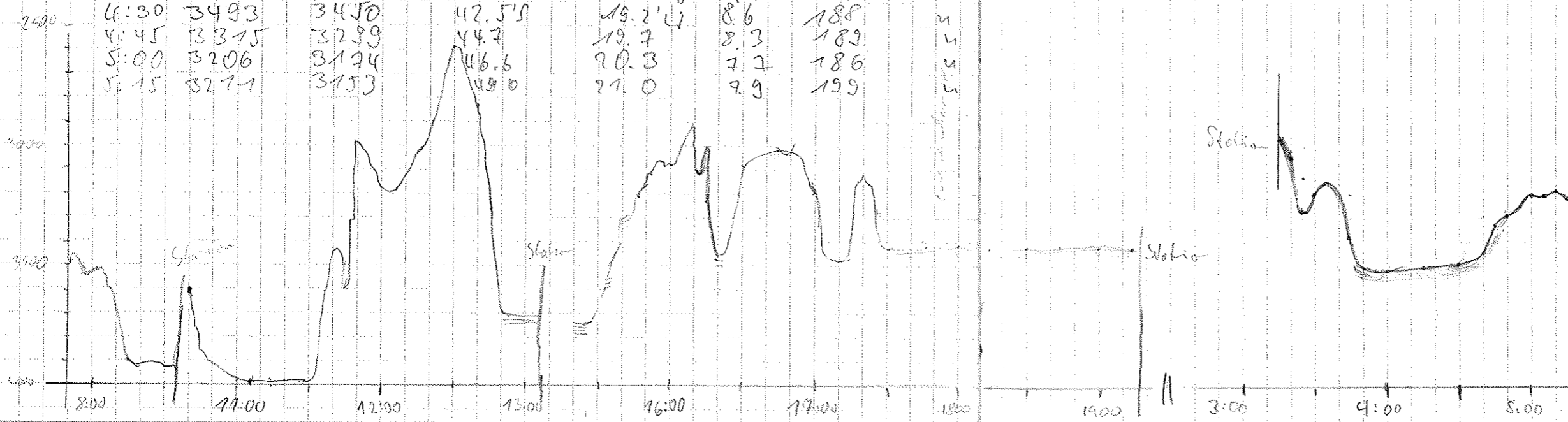
Date	Time	PS	HS	Latitude	Longitude	Speed	Kms	Wache	Fog	Pulse	Range	Scale	Mode	Sig	Frg	Tim	Wt	R	H	M	Remarks	
5.9.92	17:30										5000	200										17.00-17.15 Rain
	17:45	3404	3361	29.25	78.42.23	8.2	253															
	18:00	3406	3366	29.28	78.42.51	8.7	254															
	18:15	3407	3362	29.30	78.42.69	8.2	251															
	18:30	3408	3362	29.40	78.42.70	7.9	247															
	18:45	3409	3365	29.69	78.42.48	11.5	268.9															
	19:00	3409	3326	29.78	78.42.68	11.3	249.7	Sharks														
	19:15	3420	3373	29.82	78.42.31	8.5	286.0															
	19:30	3428	3384	29.83	78.42.23	11.1	273.8															
	19:45	2389	2788	29.42	78.42.76	7.9	209.0															
	20:00	3436	3411	29.60	78.42.17	10.6	274.1															
	20:15	3526	3489	29.82	78.42.11	11.7	272.5															
	20:30	3668	3626	29.45	78.42.55	9.1	267.1															
	20:45	3655	3617	29.38	78.42.01	11.3	286.1															
	21:00	3677	3642	29.90	78.42.31	8.6	289.9	NI EDLER														
	21:15	3283	3246	29.78	78.42.32	10.2	258.9	"														
	21:30	3405	3386	29.72	78.42.95	10.5	266.7	"														
	21:45	3095	2928	29.66	78.42.23	9.7	290.0	"														
	22:00	2763	2748	29.43	78.42.42	10.4	287.7	"														
	22:15	2819	2775	29.69	78.42.64	8.9	281.4	"														
	22:30	3333	3206	29.89	78.42.18	10.9	283.4	Petrels														
	22:45	3362	3338	29.81	78.42.51	8.5	265.4	"														
	23:00	3681	3530	29.81	78.42.11 W	7.9	274.6	"														23:00 Beginn Papierfalte
	23:15	3475	3447	29.86	78.42.15 W	5.9	272.2	"														
	23:30	3495	3428	29.85	78.42.25 W	5.2	257.5	"														
	23:45	3007	3072	29.88	78.42.37	7.6	351.0	"														
6.9.92	0:00	2890	2824	28.56	78.42.50	5.1	353.7	"														
	0:15	?	2951	28.38	78.42.86 W	6.1	370	BOHRER														Silberfische
	0:30	3108	3031	28.38	78.42.80 W	11.6	32.5	"														
	0:45	3637	3619	28.77	78.42.34 W	3.9	288	Grügel		5.5												
	1:00	3662	3563	28.52	78.42.42	4.6	25	"														
	1:30	3614	3573	28.34	78.42.47	7.2	285	"														
	1:50	3572	3554	28.03	78.42.60	11.0	55	"		4												Station 57 Ende
	2:15	3314	3267	27.84	78.42.55	8.4	90.9	"														
	2:30	3074	2997	27.85	78.42.63 W	4.4	85.4	"														
	2:45	2848	2781	27.85	78.42.71	8.0	81.4	"														
	3:00	2904	2857	27.47	78.42.67	9.4	91.5	"														
	3:15	2865	2841	27.49	78.42.02	9.9	9.2	"														



Date	Time	PS	MS	Latitude	Longitude	Speed	Kurs	Wave	Wave	Freq	Pulse	Range	Scale	Mode	Sig	Freq	Alt	R	H	M	Remarks	
6.9.52	5:30	(2999)	2978	57°24.87'S	29°48.67'W	5.4	116	Grige	1	4	4	5000	200	4	1	40	122	10	0	3	7	
	6:00	-	2764	24.96'S	56.37'W	6.0	272	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	6:15	3212	3166	24.98'S	55.86'W	9.6	270	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	6:30	-	3144	25.04'S	30°04.45'W	8.0	273	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	6:47	3708	3684	25.04'S	09.41'W	8.6	268	"	"	"	"	"	200	"	"	"	"	"	"	"	"	"
	7:00	-	3490	25.05'S	13.30	6.0	270	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	7:27	2829	2808	25.03'S	18.18'W	7.7	276	Kilbu	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	7:45	-	2945	23.96'S	19.29'W	9.3	358	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	8:00	2931	2995	21.82'S	20.36'W	5.3	235	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	8:15	-	2906	21.78'S	17.73	10.5	91	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	8:30	3223	3212	21.90'S	13.99	7.3	89	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	8:45	-	3726	21.99'S	9.54	6.2	90	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	9:00	3709	3602	21.99'S	5.11	7.5	90	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	9:37	3049	3146	22.70'S	29°53.86'	11.8	85	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	9:46	-	-	22.04'S	50.71'	8.7	88	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	10:00	2872	2939	21.85	49.83	8.9	343	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	10:15	3178	3134	19.68'	49.83'	8.9	20	Grige	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	10:30	3378	3310	19.93'	50.08'	6.9	272	Kilbu	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	10:47	3198	3125	19.14'	55.04'	6.7	262	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	11:00	2386	2960	19.01'	57.93'	8.0	272	Brahms	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	11:15	2386	3560	57°19.00'S	30°02.67'W	7.6	271	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	11:30	3828	3958	18.86'S	06.92'W	9.6	273	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	11:45	4209	4199	18.78'S	11.34'W	11.3	265	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	12:00	2385	3050	18.95'S	16.73'W	10.2	267	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	12:15	2928	2896	19.08	20.89	10.9	267	Kilbu	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	12:30	3154	3118	19.57	18.36	8.6	113	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	12:45	2924	2817	20.54	17.72	8.3	120	Kopsh	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	13:00	3681	3669	21.40'S	11.45'W	8.9	118	Maun	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	13:15	3913	3860	21.88'S	30°08.89'W	1.8	158	"	"	55	"	"	"	"	"	"	"	"	"	"	"	Station
	17:38	3906	3790	22.39	08.30	1.3	152	"	"	4	"	"	200	"	"	"	"	"	"	"	"	End of station
	18:23	3831	3851	22.76	07.01	6.6	128	"	"	"	"	"	"	"	"	"	"	"	"	"	"	Turning
	18:30	382	3833	22.01	06.46	3.0	7.4	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	18:47	3870	3873	22.11	06.75	4.8	7.5	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9.9.52	1:25	3689	3677	25.43	07.72	7.8	115	Grige	"	4	"	"	"	"	"	"	"	"	"	"	"	On station
	1:30	3665	3598	25.93	07.05	6.9	197	"	"	"	"	"	"	"	"	"	"	"	"	"	"	Station
	1:45	3645	3612	27.56	09.07	5.8	223	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	2:00	3898	3570	28.30	10.67	4.6	204	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	2:15	3576	3487	29.44	12.41	8.0	206	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	2:33	3453	3396	30.54	14.12	1.8	304	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"



Date	Time	PS	NS	Latitude	Longitude	Speed	Winds	Wave	Freq	Pulse	Range	Scale	Mode	Sig	Freq	Time	Wt	R	H	M	Remarks	
7.1.92	7:49	3990	3966	57° 33' 01" S	30° 19' 46" W	3.6	7.7	Kulm	4	9	5000	200	4	5	40	133	10	0	3	7	Station head	
	8:00	3997	3939	32' 50" S	12' 22" W	6.2	64.4	"														
	8:15	3896	3854	31' 29" S	8' 38" W	4.6	77.9	"														
	8:30	3937	3938	31' 17" S	7' 56" W	4.6	260	"														
	8:38	3959	3922	31' 02" S	8' 16" W	0.2	16.9	"														
	10:41	3999	3578	30' 78" S	5' 20" W	5.6	18.5	"														
	11:06	3999	3979	34' 42" S	7' 78" W	10.6	200.4	"														
	11:15	3990	3963	57° 35' 41" S	30° 8' 79" W	6.9	245	Stations														
	11:30	3981	3988	34' 41" S	6' 24" W	12.2	92.7	"														
	11:45	3585	3460	34' 56" S	7' 03" W	5.6	81.8	"														
	12:00	3260	3208	34' 63" S	29° 57' 89" W	0.7	173.4	Kulm														
	12:15	3910	3012	34' 35" S	56' 57" W	11.5	59.7	"														
	12:30	2608	2547	34' 19" S	59' 87" W	10.2	83.2	"														
	12:45	3245	3230	34' 30" S	47' 94" W	11.7	89.0	"														
	13:18	3777	3749	34' 41" S	44' 7" W	2.9	13.8	"	5.5	4	5000	100	4	5	40	133	10	0	3	7	17:49 Storage on <u>Seal</u>	
	13:30	3777	3748	34' 41" S	43' 9" W	2.5	100	"														13:30 Ho. off <u>Statio</u>
	15:22	3755	3727	33' 24" S	42' 00" W	10.2	8.4	"	4	4												14:11 Klein <u>Parquet</u>
	15:45	3207	3162	29' 23" S	43' 33" W	17.3	348	"														
	16:00	-	3092	29' 30" S	44' 40" W	5.1	182	"				200										
	16:15	3213	3155	29' 46" S	40' 52" W	7.8	118	"														
	16:30	3210	3095	27' 76" S	36' 43" W	8.2	52.1	Wash														
	16:45	3052	3016	27' 38" S	32' 36" W	9.1	79.9	"														
	17:00	3280	3208	27' 27" S	27' 98" W	11.1	91.7	"														
	17:15	3109	3157	27' 65" S	23' 56" W	10.8	83.6	"														
	17:30	3423	3382	25' 58" S	18' 35" W	10.0	90.3	"														
	17:45	3422	3380	27' 47" S	11' 18" W	10.6	91.3	"														
	17:51	3416	3377	27' 49" S	12' 2" W	9.8	70.8	"														
	17:59	3418	3376	27' 50" S	12' 30" W	7.7	171	"														
	18:15	3422	3379	29' 76" S	11' 67" W	9.2	161	"				100										
	18:30	3429	3386	32' 13" S	10' 70" W	5.9	64	"														
	18:45	3428	3386	34' 66" S	09' 83" W	7.0	209.7	"														
	19:00	3429	3389	33' 18" S	11' 64" W	11.1	333.6	Shirley														
	19:15	3431	3390	31' 75" S	13' 36" W	3.5	230.5	"														
	20:19	3437	3388	31' 67" S	13' 45" W	0.7	239	Kulm														
8/9/92	00:30	3426	3386	57° 30' 99" S	29° 13' 34" W	5.8	283	Christie	4	4	5000	100	4	5	40	133	10	0	3	7	Underway	
	00:40		2916	31' 09" S	15' 00" W	4.2	249	"	5.5	4	5000	100	4	5	40	133	10	0	3	7	Approach station	
	3:30	3196	3168	34' 31" S	16' 41" W	9.6	191.1	Grig	4	4	5000	100	4	5	40	133	10	0	3	7		
	4:00	3572	3482	38' 41" S	18' 01" W	6.0	186	"														
	4:15	3500	3460	40' 01" S	18' 41" W	8.2	186	"														
	4:30	3493	3450	42' 51" S	19' 21" W	8.6	188	"														
	4:45	3375	3289	44' 7" S	19' 7" W	8.3	183	"														
	5:00	3206	3174	46' 6" S	20' 3" W	7.7	186	"														
	5:15	3271	3153	48' 0" S	21' 0" W	9.9	199	"														



17:49 Storage on Seal
 13:30 Ho. off Statio
 14:11 Klein Parquet

course change begin
 end course of day

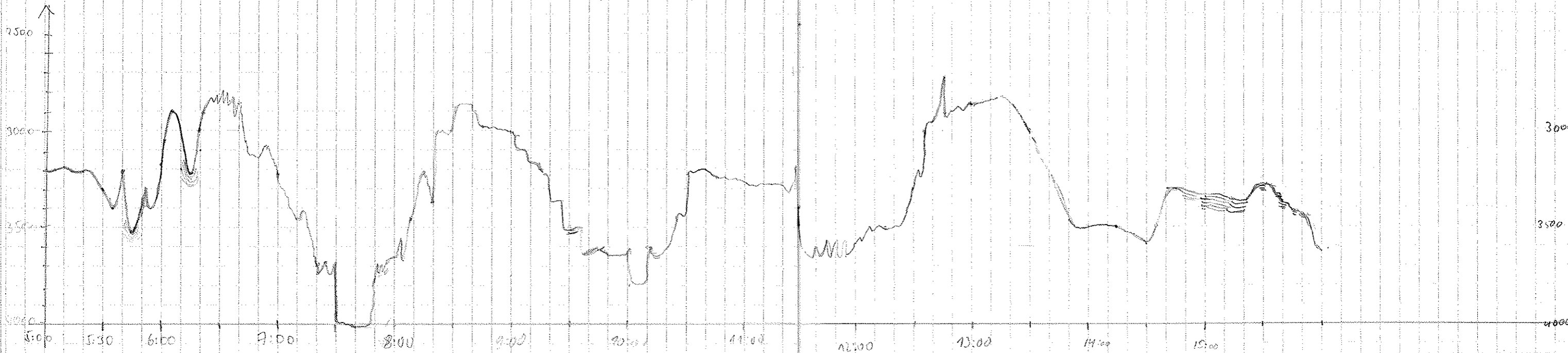
Station
 Underway
 Approach station

Station

Statio

Statio

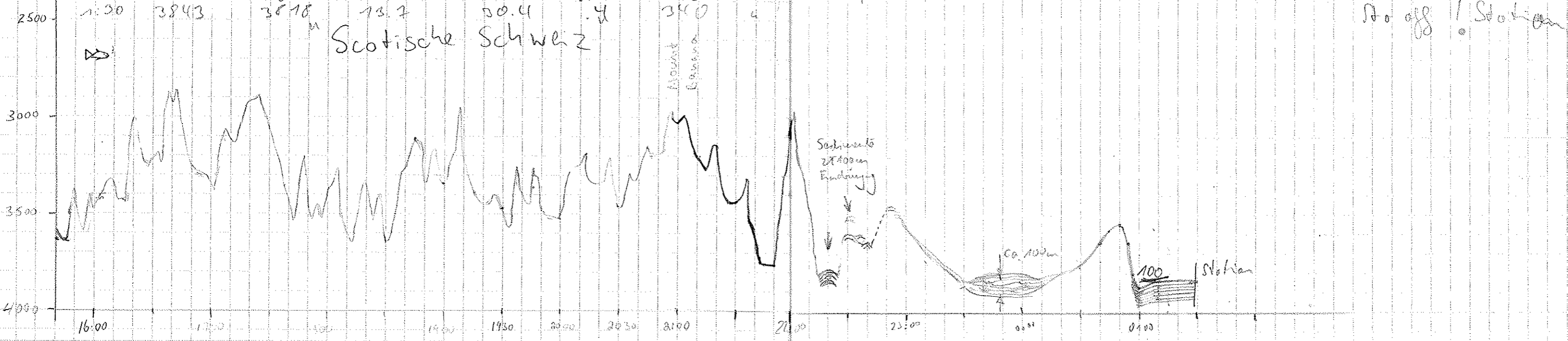
Date	Time	PS	HS	Latitude	Longitude	Speed	Kms	Water	Fog	Pa	Range	Scale	Side	Sig	Fog	Wind	Dir	R	H	M	Remarks	
8.3.92	5:30	-	3313	57°57.0'S	29°22.3'W	10.4	774	Grig	4	4	3000	200	4	S	40	133	10	0	3	1		
	5:45	2574	3476	57.8	23.0	10.2	262	"														
	6:06	2821	2889	57.9	29.4	10.1	267	"														
	6:15	3273	2782	52.0	32.0	9.2	268	"														
	6:30	2807	2783	52.0	35.0	8.3	273	"														
	7:00	-	3244	52.28'	41.81	7.4	275	Kilim														
	7:15	3372	3382	52.02'	47.04	10.6	274	"														
	7:36	-	3945	52.01'S	57.8'W	7.2	276	Grig														
	7:49	3786	3731	52.0'S	55.9'W	10.2	270	Kilim														
	8:07	3425	3450	52.0'S	58.9	5.0	280	"														
	8:31	3130	2749	51.4	30.5	10.1	266	"														
	8:45	2489	2438	52.4	5.6	10.6	157	"														
	9:00	3059	2986	54.8	8.3	11.3	198	"														
	9:15	3203	3287	54.2	3.4	10.1	95	"														
	9:30	3427	2787	54.5	0.2	3.2	83	"														
	9:45	3617	3592	54.6	29°57.2	5.6	80	"														
	10:00	3683	3597	54.7	53.1	12.4	93	"														
	10:15	3730	3685	54.9	47.8	9.5	106	"														
	10:30	3228	3199	55.0	44.1	7.8	92	"														
	10:46	3264	3206	55.9	43.0	9.9	182	"														
	11:00	3260	3272	58.21'S	42.99'W	10.4	192	Grig														
	11:15	3284	3257	58.26'S	44.40'W	9.2	270	"														
	11:30	2639	2432	57.61'S	47.50'W	6.5	264	"														
	11:47	3046	2627	57.86'S	51.26'W	5.2	251	"														
	12:15	3539	3500	57.9'S	58.5	7.3	272	Kilim														
	12:30	3291	3293	58.3'S	30° 2.6	9.1	257	"														
	12:45	2925	2901	58.2	6.6	9.4	277	"														
	13:00	-	2838	58.9	9.3	7.3	218	"														
	13:15	2834	2805	58°00.4'S	30°05.44'W	6.7	186.7	Mar	10													
	13:30	3147	3052	00.93'S	06.34'W	5.7	135.8	"														
	13:45	-	-	-	-	-	-	-														
	14:00	3505	3421	00.97'S	29°57.49'W	9.4	90.7	"														
	14:15	3505	3536	01.06'S	29°52.26'W	10.7	93.2	"														
	14:30	3599	3612	01.00'S	47.80'W	7.2	88.6	"														
	14:45	3301	3272	01.04'S	43.53'W	8.8	90.8	"														
	15:00	3341	3304	58°01.06'S	29°42.63'W	8.1	199.0	Chri	lie			100										
	15:15	3372	3328	03.47	42.96	9.5	180.6	"														
	15:30	3288	3195	03.88	44.75	8.7	265.3	"				200										



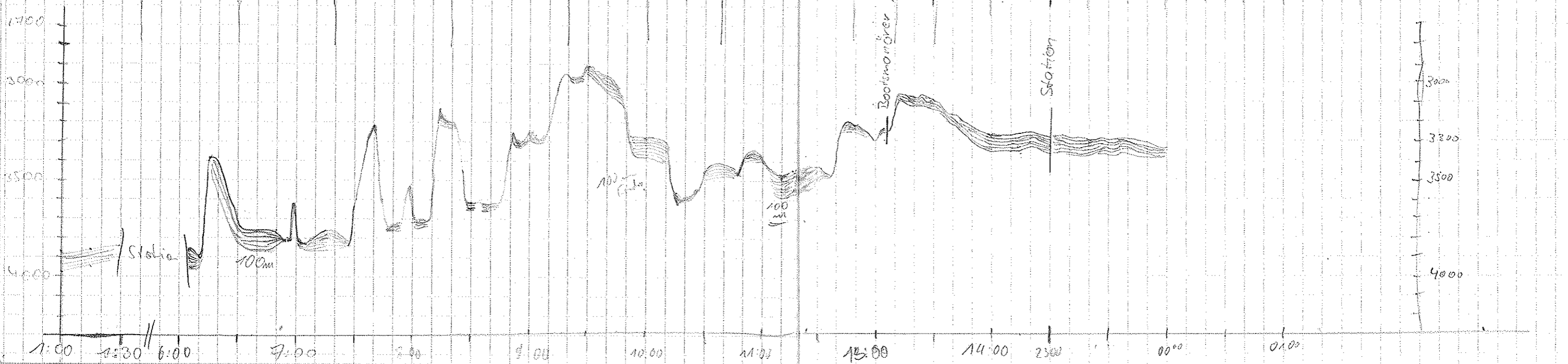
Date	Time	PS	HS	Lat	Long.	Speed	Kurs	Wach	Freq	Pulse	Range	Scale	Mod	Sig	Fog	Tim	WT	R	H	M	Remarks	
8.9.92	1545	3608*	3544	58° 04, 05' W	29° 49, ' S	10, 1	265, 5	Christo	4	4	5000	200	4	S	40	266	10	0	3	1		
	1600	3528	3497	01, 01	58, 16	10, 4	271	Wachtl														
	1615	3494	3463	01, 01	58, 16	8, 9	275															
	1630	3266	3176	01, 05	58, 13	10	275															
	1645	3030	2989	01, 05	58, 11	11	273															
	1700	2758	2725	01, 08	58, 02	11	272					100										
	1715	2082	2029	01, 02	58, 19	10	269					200										
	1730	2001	2076	01, 06	58, 19	12	266															
	1745	1797	3454	01, 05	58, 28	11, 2	270															
	1800	3392	3312	01, 06	58, 06	9, 7	273															
	1815	3681	3677	01, 05	58, 30	9, 0	271															
	1830	3715	3667	01, 02	58, 61	9, 7	269															
	1845	3101*	3620	04, 29 s	39, 89	9, 7	254, 1															
	1900	3345	3297	04, 60	44, 09	8, 6	278, 6	Sh. ky														
	1915	3397*	3425	04, 44	47, 75	9, 3	273, 1															
	1930	3473	3463	03, 96	52, 55	9, 5	274, 2															
	1945	3362	3340	03, 97	56, 88	8, 8	267, 6															
	2000	3427	3326	04, 33	31° 00, 96	7, 4	241, 9															
	2015	3190	3120	05, 11	02, 80	8, 3	237, 8															
	2030	2826*	3437	06, 18	06, 13	7, 4	226, 8															
	2045	3146	3101	07, 34	09, 82	6, 7	239, 3															
	2100	2992	2959	08, 33	12, 86	7, 3	238															
	2115	3249	3182	09, 41	16, 21	9, 4	237, 4	MIL 315R														
	2130	3433	3394	10, 52	19, 90	8, 5	235, 9	"														
	2145	3720	3700	11, 55	23, 87	7, 5	241, 5	"														
	22:00	3091	3045	12, 41	26, 35	7, 2	238, 7	"														
	22:15	3882	3879	13, 246	29, 278	8, 4	239, 7	Reichelt														
	22:30	3656	3873*	15, 332	34, 800	7, 1	190, 1	"														
	22:45	3676	3647	16, 274	34, 752	9, 0	178, 2	"														
	23:00	3383	3362	17, 485	31, 311	10, 2	107, 5	"														
	23:15	3746	3727	18, 280	28, 579	6, 4	288, 0	Kracl														
	23:30	3824*	3846	16, 558	29, 514	10, 2	38	"														
	23:45	3868	3852	14, 493	29, 620	9, 0	330, 6	"														
9.9.92	00:00	3858	3835	12, 316	30, 169	9, 5	8, 1	"														
	00:15	3863	3713	10, 486	31, 642	7, 7	336, 5	"														
	00:30	3708	3680	08, 633	32, 820	7, 0	241, 8	"														
	00:45	3596	3555	10, 245	32, 912	3, 1	159, 3	"														
	01:00	3871	3840	11, 8	31, 3	8, 7	160	G-m (30)	4	4	5000	200	4	S	40	266	10	0	3	1		
	01:15	3850	3823	13, 6	30, 1	5, 4	220	"	5, 5													
	01:30	3843	3818	13, 7	30, 4	5, 4	340	"														

Scotische Schweiz

No. 1 Station

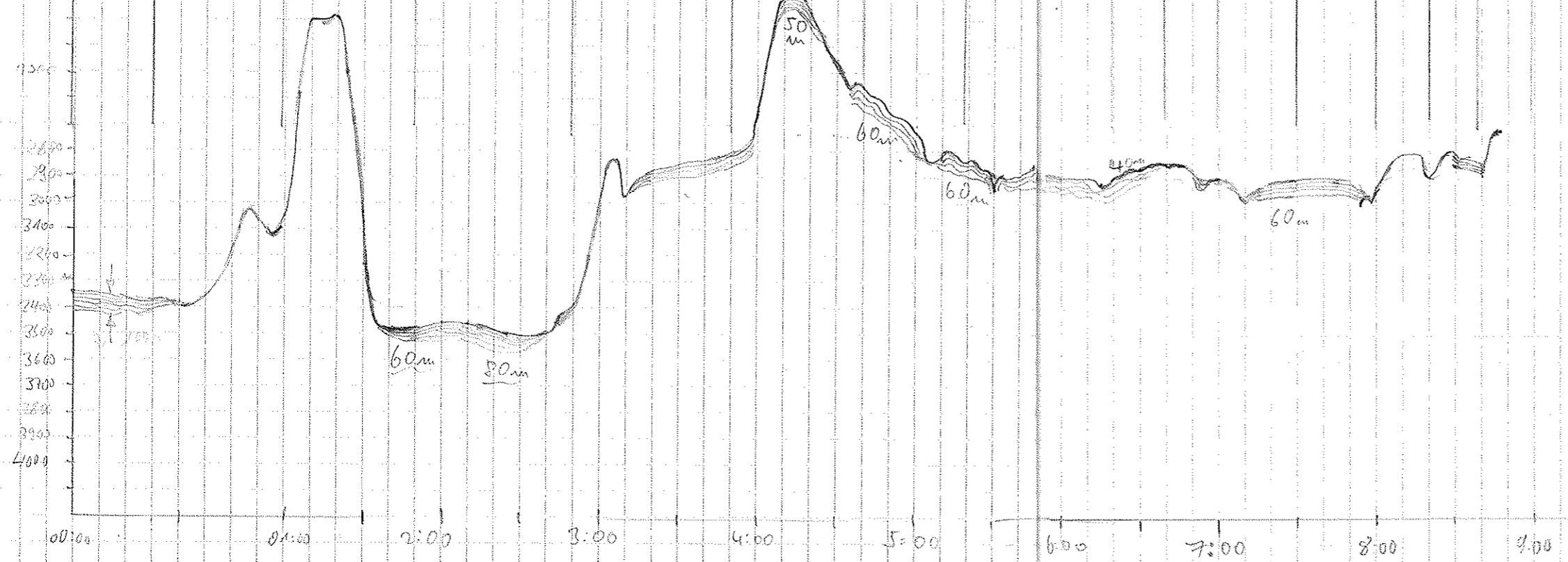


Date	Time	PS	HS	Colitude	Longitude	Speed	Km	Wave	Freq	Rbc	Range	Scale	Mod	Stg	Frg	Wbr	st	R	H	M	Remarks	
23.07	6:05	3556	3831	58° 14.2 S	31° 30.7 W	8.3	243	Gri	4	4	5000	200	4	5	40	266	10	0	3	1	Station Ende // Sto on	
	6:18	3386		14.7	32.3	8.7	236	"														
	6:30	3649	3659	15.5	35.3	9.1	243	"														
	6:45	3769	3738	16.7	39.0	9.4	238	"														
	7:00	3812	3763	17.8	42.8	7.8	256	"														
	7:16	3789	3760	18.8	45.2	7.3	237	Kuln														
	7:27	3758	3623	19.6	47.6	6.9	235	"														
	7:45	3523	3697	20.4	50.7	6.9	260	"														
	8:00	3668	3697	21.4	54.0	8.8	241	"														
	8:30	3610	3668	23.8	32° 1.4	7.4	236	"														
	8:45	3631	3592	24.9	4.2	6.4	236	"														
	9:00	3254	3264	25.8	7.8	6.1	242	"														
	9:15	3050	3033	26.5	10.9	7.8	240	"														
	9:30	2916	2876	27.8	14.2	8.5	240	"														
	9:45	3030	3008	29.0	17.7	8.4	241	"														
	10:00	3299	3246	29.8	20.5	5.9	244	"														
	10:15	3578	3539	30.8	24.3	7.6	232	"														
	10:30	3478	3464	32.2	27.1	9.1	248	"														
	10:45	3442	3378	33.0	30.0	8.1	257	"														
	11:00	3467	3420	33.7	33.2	8.7	239	Gri	4	4	5000	200	4	5	40	266	10	0	3	1		
	11:15	3450	3413	35.0	36.0	7.2	184	"														
	11:30	3438	3373	36.6	38.9	8.6	239	"														
	11:46	3231	3192	37.9	42.0	8.6	238	Kuln														
	12:05		3224	39.1	46.3	5.4	328	"														12:11 5.5 kts, Bottom
	13:15	3089	3044	40.04	49.95	11.3	227.2	Dob	4	4	5000											
	13:30	3086	3047	41.46	53.15	9.0	236.1	"														
	13:45	3208	3166	42.67	56.91	10.7	243.5	"														
	14:00	3283	3246	43.88	23° 00.96	10.3	263.5	"														
	14:15	3272	3232	43.42	22° 59.75	9.3	131.0	"														
	14:30	3279	3246	43.51	23° 00.37	0.3	359.9	"														
	17:39	3281		43.62	0.7	0.6	184	Kuln														
	21:39	3283	3293	43.22	1.8	0.5	18	"														
	23:08	3285	3293	43.8	3.3	9.7	232	"														
	23:17	3303	3260	44.768	05.912	9.6	232.9	Kroc														
	23:30	3298	3254	45.913	09.607	10.3	243.2	"														
	23:45	3294	3251	47.136	13.601	9.9	246.1	"														
	00:00	3333	3291	48.216	17.217	10.7	237.8	"														

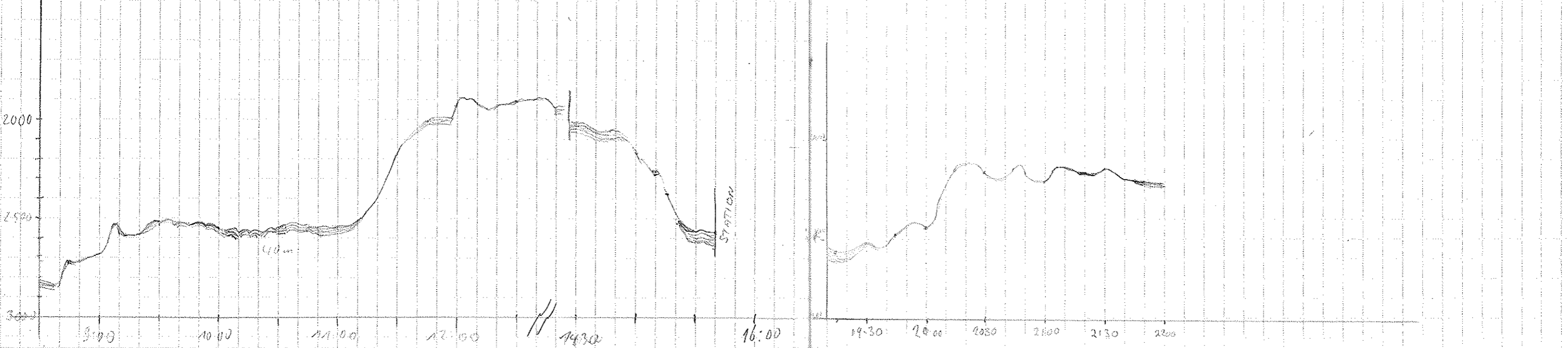


Frequent
Frequent ++

Date	Time	PS	HS	Latitude	Longitude	Speed	Course	Depth	Freq	Pulse	Range	Scale	Depth	Time	Wt	R	#	M	Remarks	
10/9/92	0:00	3333	3291	58° 48.2' S	33° 17.21' W	10.7	237.8	Knob	4	4	5000	200	4	5	40	260	10	0	3	1
	0:15	3358	3296	48.573	21.578	9.2	238.4	"												
	0:30	3350	3307	50.619	24.857	8.4	238.4	"												
	0:45	3143	3030	51.872	28.740	8.7	235.5	"												
	0:00	3004	2927	53.154	32.835	9.4	238.1	"												
	1:18	2275	2236	54.6	37.4	9.3	231.9	Original	4	4	5000	200	4	5	40	266	10	0	3	1
	1:37	-	3210	55.6	40.6	10.2	238	"												
	1:45	3452	3450	56.6	43.8	10.0	239	"												
	2:00	3456	3420	57.9	47.9	10.0	239	"												
	2:15	3440	3438	59.0	51.7	10.3	244	"												
	2:30	3459	3458	59.9	55.2	6.6	248	"												
	2:45	3438	3380	59° 00.8	59.4	9.6	245	"												
	3:00	2879	2911	01.5	34° 02.5	9.6	245	"												
	3:18	2895	2857	01.7	06.3	5.2	262	"												
	3:30	2866	2829	01.7	07.4	6.4	267	"												
	3:47	2813	2760	02.1	11.6	9.0	268	"												
	4:00	2300	-	02.2	14.9	9.3	268	"												
	4:15	2218	-	02.3	19.2	9.4	277	"												
	4:37	2533	2491	2.4	24.8	9.4	287	"												
	5:00	2718	-	1.9	31.6	8.7	268	"												
	5:15	2822	-	2.2	35.2	10.0	266	"												
	5:30	2891	-	2.7	39.5	9.0	261	"												
	5:45	2849	-	3.0	43.9	9.2	268	"												
	6:00	2880	-	2.8	48.4	9.2	276	"												
	6:15	3072	2970	2.8	52.9	9.5	270	"												
	6:31	2967	2918	2.9	57.1	8.6	272	"												
	6:45	2947	2900	3.0	59.8	9.5	268	"												
	7:00	2947	2905	2.9	35° 3.4	7.3	274	Kushner												
	7:15	2946	2895	2.8	2.8	7.5	272	"												
	7:30	2913	2899	2.9	8.5	3.9	264	"												
	7:45	2900	2858	3.1	9.7	3.9	250	"												
	8:00	2896	2851	3.3	11.7	4.0	269	"												
	8:15	2727	2757	3.2	14.2	5.2	276	"												
	8:31	2816	2774	3.2	17.5	7.3	278	"												



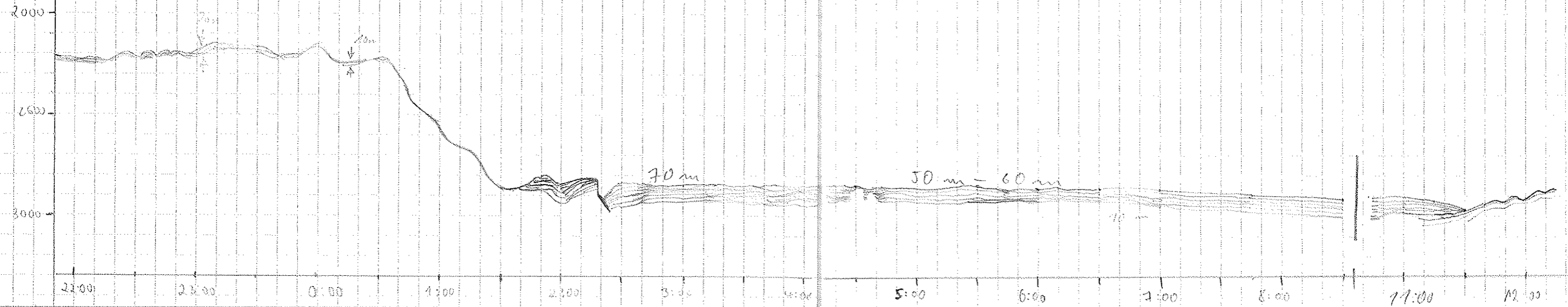
Date	Time	PS	HS	Col. Lat. de	Long. de	Speed	Course	Wave	Freq	Wave Range	Soole	Lab	Sig	Freq	Time	wt	R	H	M	memoranda	
12.9.92	8:45	2718	2679	59° 03' 7" S	35° 20' 8" W	2.3	281	Kuh	4	4	5000	200	4	S	40	266	10	0	3	1	
	9:00	2692	2642	3.5	22.5	4.9	268	"													
	9:16	2582	2529	3.8	28.4	5.4	272	"													
	9:30	2513	2510	3.6	28.1	5.0	282	"													
	9:45	2522	2483	3.2	30.9	6.3	261	"													
	10:00	2554	2515	3.4	32.9	3.2	263	"													
	10:15	2581	2534	3.5	33.4	3.6	245	"													
	10:30	2547	2540	3.7	35.6	4.0	272	"													
	10:45	2574	2535	3.3	36.6	2.4	278	"													
	11:00	2560	2525	2.6	39.5	7.6	302	Perlm													
	11:15	2405	2525	1.4	42.4	7.2	274	"													
	11:30	2171	2145	0.7	44.9	7.1	312	Kuh													
	11:45	-	2008	58° 59' 6"	47.8	8.8	303	"													
	12:00	-	1939	59.7	52.1	9.6	381	"		2000			1								
	12:15	1970	1930	58.6	54.3	5.4	306	"													
	12:30	1912	1896	59.1	53.0	8.1	144	"													
	12:45	-	1894	59.5	50.5	1.1	148	"		2000			4								
	13:30	2021	1980	59.9	50.4			"												13:43 MUC on Ground	
	14:32	2028	1986	57.8	43.8	3.5	802	"		2000	100	4	1	133							
	14:46	2060	2019	59 0 2	48.1	4.0	63.4	"													
	15:00	2181	2137	59° 00' 66" S	35° 46' 37" W	4.2	114.0	Ch. istic		5000	100	4	40								
	15:15	2380	2338	01.51	42.77	7.8	126.4	"													
	15:30	2563	2521	02.23	39.99	6.8	170.2	"													
	15:42	2569	2530	02.87	38.35	0.8	121.4	"													
	15:45	2569	2529	02.00	38.25	1.8	122.9	"													
	16:16	2571	2530	03.11 S	37.4	0.7	117	Kuh													
	16:15	2568	2530	04.07	39.75	5.2	288.8	stuck						266							
	16:30	2532	2501	04.75	37.23	5.5	274	"													
	16:45	2496	2459	04.83	38.19	2.7	276.4	"													
	17:00	2446	2398	04.86	40.45	5.9	266.1	"													
	17:15	2145	2109	05.79	42.22	6.6	237.6	"													
	17:30	2168	2127	05.25	44.87	6.1	238.7	"													
	17:45	2156	2117	06.59	47.13	6.2	239.4	"													
	18:00	2204	2168	07.21	49.12	5.5	241.3	"													
	18:15	2217	2176	07.87	51.19	4.6	216.0	MIEGR													
	18:30	2191	2151	08.66	53.29	5.3	249.7	"													
	18:45	2203	2160	09.02	55.57	5.1	251.9	"													
	19:00	2210	2172	09.45	57.76	4.5	248.4	"													



13:43 MUC on Ground

Slow -> start on
 on station
 Fragment
 16:56 KOL on Ground
 18:24 MUC on Ground

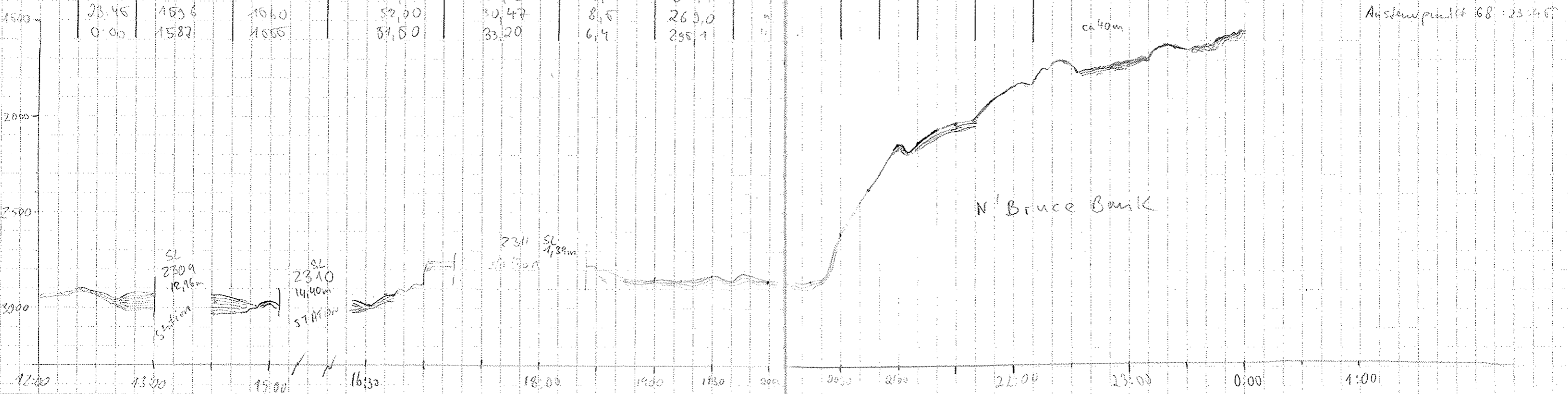
Date	Time	PS	NS	Latit de	Longit de	Speed	Course	Circle	Freq	Pulse	Range	Scale	Code	Sig	Ang	Hum	Wt	R	H	A	Remarks	
10.9.52	22:15	2220	2180	69° 05,72 S	36° 00,036 W	5.9	281.6	Pet. Lake	4	4	5000	200	4	S	40	206	10	0	3	1		
	22:34	2177	2138	10,362 S	03,56 W	3.5	244.5															
	22:46	2172	2148	10,648 S	05,502 W	6.8	245.1															
	23:00	2180	2157	11,15	07,05	5.4	250.6															
	23:15	2167	2132	11,338	10,138	5.1	263.2	Good														
	23:30	2170	2126	11,140	12,718	5.7	246.0															
	23:45	2210	2172	12,288	15,244	7.5	250.7															
11.9.52	00:00	2144	2111	12,918	16,302	7.6	248.0															
	00:15	2225	2203	13,340	20,341	6.0	245.2															
	00:30	2248	2209	13,822	23,991	5.0	250.2															
	00:45	2402	2376	14,576	29,738	7.1	242.9															
	01:00	2537	2511	14,918	28,630	5.7	252.2															
	1:15	2683	2637	15,5	31,5	7.5	248	By signal	4	4	5000	200	4	S	40	266	10	4	3	1		
	1:30	2562	2720	16,1	34,3	6.4	248															
	1:45	2832	2790	16,7	37,1	5.8	248															
	2:00	2829	2791	17,3	39,9	6.2	243															
	2:15	2811	2768	17,9	42,7	4.0	254															
	2:45	2863	2823	19,0	48,3	4.8	257															
	3:00	2858	2810	19,6	51,1	6.4	241															
	3:15	2857	2813	20,3	53,9	8.1	236															
	3:45	2855	2825	21,7	59,4	7.2	252															
	4:00	2850	2808	22,415	37° 02, JV	4.8	233															
	4:15	2855	2814	23,1	05,4	8.5	256															
	4:30	2861	2814	23,6	08,5	7.4	239															
	4:45	2857	2811	24,3	11,8	6.8	245															
	5:05	2854	2808	25,1	15,8	6.5	245															
	5:30	2859	2812	26,2	20,6	6.6	250															
	5:47	2868	2826	26,9	23,9	7.1	242															
	6:00	2866	2820	27,4	27,0	9.1	245															
	6:30	2863	2844	29,1	34,3	6.2	261															
	7:01	2874	2833	30,9	42,5	8.6	248	Ka fu														
	7:15	2880	2832	31,6	45,8	8.5	246															
	7:30	2888	2843	32,3	48,4	8.0	246															
	7:45	2895	2851	32,9	53,0	8.7	231															
	8:00	2900	2855	33,6	56,2	6.2	249															
	8:15	2906	2864	34,0	59,2	5.6	286															
	8:29	2910	2858	34,0	38° 0,5	7.4	51															
	10:45	2909	2869	33,9	0,3	7.4	249															
	11:00	2914	-	34,4	2,8	7.7	247															
	11:15	2928	2882	59° 35,2	38° 05,9	6.7	244	N.L.														
	11:30	2967	2977	36,3	10,0	10.1	240	Ka fu														



8:03 - 8:13 Pencil-Tank
 wiedergedruckt. Weiterlauf durch Ref.
 auf Station (170.110)

Date	Time	PS	HS	Latitude	Longitude	Speed	Course	Wind	Frq.	Power	Range	Scale	Mode	Sig	Frq	Time at	R	H	M	
11.	11:45	2915	2875	59° 37.5'S	38° 13.8'W	9.5	239	Kulu	4	4	5000	200	4	S	40	266	10	0	3	1
	12:15	2877	2830	38.6'S	19.0'W	9.3	65	"												
	12:30	2908	2853	39.6'S	14.4'W	10.4	68	"												
	12:45	2947	2906	36.1'S	8.8'W	11.3	66	"												
	13:00	2928	2886	35.17	05.46	4.2	335.5	D												
	13:52	2926	2887	35.1	5.3	1.2	64	Kulu												
	14:33	2932	2886	35.2	6.1	2.3	295	"												
	14:45	2949	2903	35.8	8.7	3.5	239	"												
	15:00	2965	2920	37.1	12.0	4.4	349	Ch. astro												
	15:08	2972	2924	36.6	10.7	5.1	346	"												
	16:16	2965	2918	36.4	10.1	0.5	113	Kulu												
	16:30	2977	2928	59° 36.66'S	38° 09.56'W	4.4	219	Ch. astro	4	4	5000	100	4	S	40	133	10	0	3	1
	16:45	2930	2885	37.92	13.45	9.0	258	"												
	17:00	291	2876	38.31	17.29	11.3	258	"	5.5	1										
	17:15	2869	2876	38.70	20.51	5.3	328	"												
	18:26	2811	2792	39.51	20.80	0.5	209	"	4	4										
	18:45	2882	2811	39.41	22.96	6.6	241	"												
	19:00	2882	2840	40.23	25.85	7.4	249.7	Shifty												
	19:15	2853	2829	40.87	29.02	6.8	248.1	"												
	19:30	2837	2829	41.44	32.56	7.3	246.6	"												
	19:45	2818	2829	42.13	35.48	5.7	246.9	"												
	20:00	2779	2829	42.75	39.34	8.1	244.3	"												
	20:15	2764	* 2829	43.17	41.96	5.3	259.6	"												
	20:30	2608	* 2829	43.66	45.85	9.4	248.0	"												
	20:45	2396	2354	44.64	50.27	9.2	248.6	"												
	21:00	2168	2127	45.19	53.33	5.1	247.3	"												
	21:15	2070	2084	45.71	56.22	7.1	253.7	NIGB-IR												
	21:30	2044	2006	46.36	59.51	7.4	250.0	"												
	21:45	2020	1977	46.92	39° 02.43	7.6	251.8	"												
	21:00	1940	1807	47.35	04.92	4.6	249.9	"			2000		1							
	22:15	1745	1711	47.87	09.85	6.1	253.1	Polychrome												
	22:30	1722	1685	48.17	11.16	5.8	250.5	"												
	22:45	1732	1628	49.33	15.55	8.7	250.0	"												
	23:00	1700	1667	50.01	19.32	3.0	251.4	"												
	23:15	1646	1619	50.76	23.33	7.2	249.6	"												
	23:30	1629	1598	51.48	26.82	7.5	251.1	"												
	23:45	1596	1060	52.00	30.47	8.5	260.0	"												
	0:00	1582	1055	52.50	33.20	6.4	255.1	"												

12:37 HP 3852 Error
 Station
 13:46 SL on Ground
 Frequent
 * Satellite problems STATION
 Frequent
 17:57 SL on Ground
 End of station



ca 40m

N Bruce Bank

Ausdehnung 68:23:00

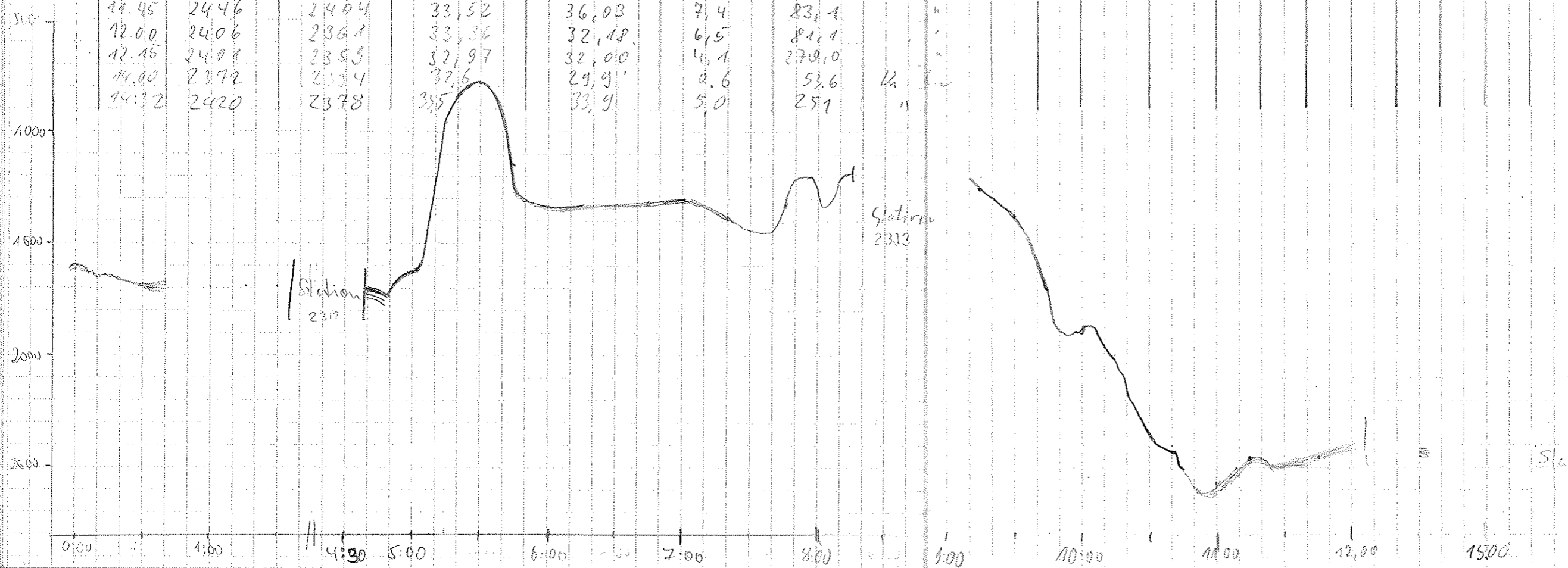
Date	Time	PS	HS	Latitude	Longitude	Speed	Course	Wave	Fry	Pubx	Range	Scale	Mod	Sig	Fry	Tim	Wt	R	H	M
12.9.82	0:00	1582	1555	50° 51.60' S	32° 33.20' W	6.4	255.1	Per. white	4	4	2000	200	1	S	40	266	10	0	3	1
	0:15	1641	1612	50, 52 S	32, 03 W	3.7	253.5	"												
	0:30	1677	1642	50, 47 S	32, 04 W	10.2	256.4	"												
	0:45	1659	1651	49, 33 S	32, 25 W	7.2	255.3	"												
	1:00																			
	1:15	1638	1658	49.2	45.0	6.1	111.7	Gr. gel	4	4	2000	200	1	S	40	266	10	0	2	1
	1:30	1638	1667	49.8	42.8	4.1	255	"												
	1:45	1703	1675	49.6	43.0	6.3	252	"												
	3:00	1629	1595	48.8	37.3	6.9	286	"												
	5:15	965B	950	48.3	50.52	9.9	291.5	Per. blue												
	5:32	783	759	47.5	55.4	9.0	282	Gr. gel		2										
	5:45	1143	1090	46.9	59.3	9.0	290	"												
	6:00	1332	1302	46.7	40° 03' 4	7.6	288	"												
	6:15	1324	1299	45.7	05.7	4.8	291	"		4										
	6:30	1312	1282	45.4	08.4	4.6	283	"												
	6:45	1308	1268	44.88	10.60	5.8	293.8	"												
	7:00	1300	1274	44.3	13.4	3.7	291	Kn. low												
	7:24	1389	1359	43.6	16.8	7.5	292	"												
	7:45		1344	43.7	19.9	5.4	192	Gr. gel												
	8:00	1378	1371	43.9	18.5	5.7	67	Kn. low												
	8:15	1201	1174	43.1	18.3	2.2	289	Gr. gel												
	9:15	1267	1237	42.8	18.8	6.9	286	"												
	9:30	1383	1350	42.4	27.5	5.9	289	"												
	9:45	1674	1674	41.9	24.2	7.2	285	Kn. low												
	10:00	1880	1873	41.5	26.4	6.2	296	"												
	10:15	2007	2004	41.1	29.0	7.4	294	"			5000									
	10:30	2348	2299	40.3	33.1	9.4	290	"												
	11:00	2580	2541	38.48	44.11	8.2	292	Kn. low												
	11:15	2498	2457	36.09	40.94	9.7	6.9	"												
	11:30	2498	2457	33.99	39.80	7.5	65.7	"												
	11:45	2446	2404	33.52	36.03	7.4	83.1	"												
	12:00	2406	2361	33.36	32.18	6.5	81.1	"												
	12:15	2404	2353	32.97	32.00	4.1	270.0	"												
	12:30	2372	2334	32.6	29.9	0.6	53.6	Kn. low												
	12:32	2420	2378	32.5	33.9	5.0	251	"												

3:49 KOL a Ground

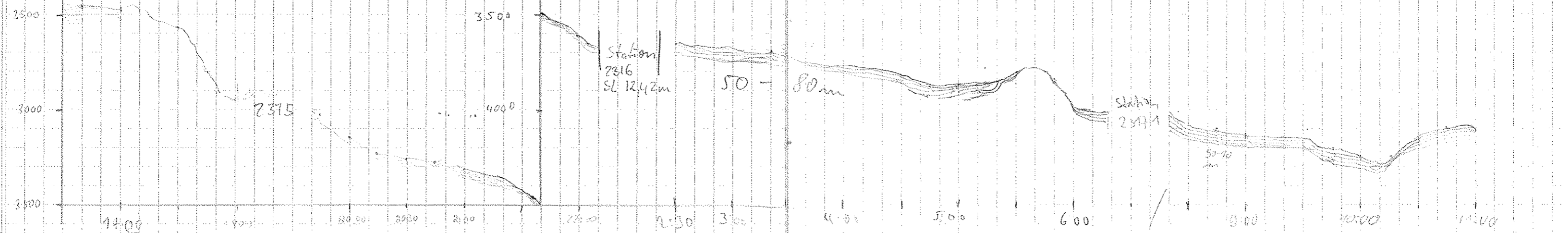
Power Gain 10

Station Storage off Station side / 1910

Station 13:24 UUC a Ground Volume of SL-Partion



Date	Time	PS	HS	Latitude	Longitude	Good	Curved	Wind	Fog	Palte	Range	Scale	Wind	Sp	Fog	Temp	Wt	R	H	M	Remarks		
12.2.92	14:15	2400	2358	50° 33, 03' S	40° 31, 34' W	6.0	245.9	Wind			2000	200		S	40	266	10	0	3	1			
	15:23	2431	2390	33.3	35.1	7	265	Gras														15:23 El am Grande	
	16:38	2434	2391	33.6	35.3	7.5	280			FT	5000	100	4	S	40	132	0.5	0	3	2		Tropfen 2 km/h	
	16:40	2472	2429	33.9	34.7	8.3	296	Wind			5000	100	4										
	17:00	2534	2506	33.16	34.12	8.1	315	Wind				200											
	17:15	2563	2507	32.59	33.32	8.6	306																
	17:30	2617	2520	32.14	32.28	8.9	279																
	17:42	2627	2520	32.12	32.29	8.5	267																
	18:00	2981	2950	31.11	30.21	9.7	265			SS													18:45 MUC am Grande
	19:45	3021	2983	30.11	29.09	8.4	283.2	Shaky		4						266	10					(am 15.2.92) 2316	
	20:00	3147	3170	31.52	29.99	6.8	289.2																
	20:15	3237	3190	31.01	29.05	6.1	292.2																
	20:30	3264	3228	30.54	28.54	5.7	283.9																
	20:45	3286	3246	30.54	28.15	3.6	208.8																
	21:00	3303	3262	30.51	28.56	4.5	326.7																
	21:15	3359	3325	30.15	28.73	4.7	264.9	MUC															
	21:30	3427	3407	29.86	28.87	4.6	280.1																
	21:45	3520	3488	29.63	28.54	4.9	295.0																
	22:00	3625	3589	29.20	27.47	8.0	280.8																Eislatit Ende
	22:10	3609	3637	29.70	28.46																		Station
13.2.92	2:10	3657	3688	28.9	28.4	5	136	Gras		FT	5000	100	4	S	40	133	5	0	3	2		FT	
	2:15	3688	3660	29.5	23.0	6.9	240.4			U		200				266	10						
	3:30	3705	3687	31.3	26.1	7.5	242																
	3:45	3732	3698	31.8	29.4	7.1	252																
	4:00	3757	3720	32.3	32.4	6.6	251																
	4:15	3767	3733	32.7	35.6	5.9	252																
	4:30	3807	3775	33.0	38.7	6.3	252																
	4:45	3846	3811	33.6	41.8	6.6	247																
	5:00	3869	3854	34.30	40.5	6.0	244.0	Ped-															
	5:15	3860	3831	35.26	48.88	5.5	230.5																
	5:30	3852	3850	36.22	50.81	6.6	230.8																
	5:45	3867	3838	37.86	53.74	7.1	230.7																
	6:00	4022	3996	38.26	56.39	7.6	240.3																
	6:26	4070	4042	38.34	55.53	8.5	305.2																
	8:25	4093	4064	38.9	48.21	7.8	240	Kal															Station begin 2317-1
	8:45	4124	4123	40.0	5.8	6.9	244																
	9:09	4143	4113	40.8	8.8	6.9	244																
	9:19	4162	4150	41.6	12.4	6.2	244																
	9:30	4183	4151	42.1	14.5	6.5	242																
	9:45	4215	4185	42.5	19.5	6.8	266																
	10:00	4234	4207	42.3	22.4	6.0	240																
	10:15	4258	4240	43.0	22.8	6.4	243																
	10:37	4188	4089	43.7	27.1	5.8	262																
	10:45	4106	4070	43.9	28.6	6.1	249																
	11:00	4137	4093	44.5	31.6	7.0	243																



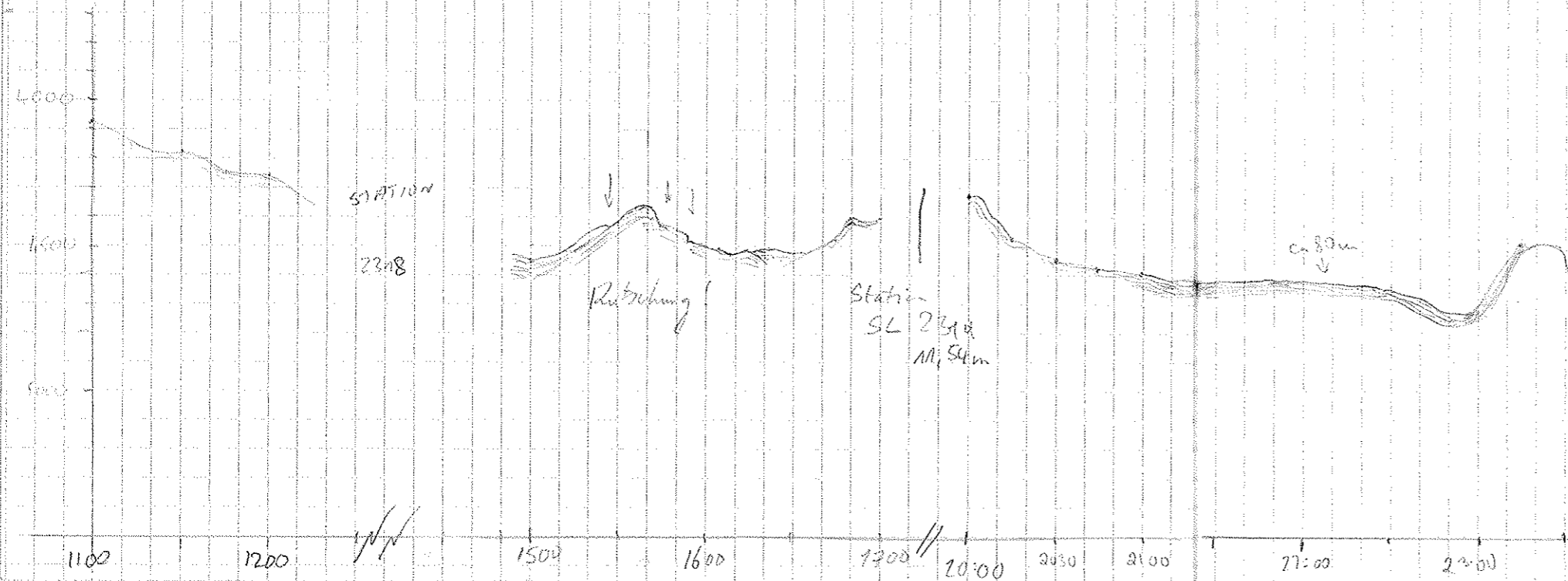
Anfang Rille 10

Station begin 2317-1

Date	Time	PS	HS	Cap. 1000	Cap. 1000	Speed	Course	W. Sec	Feet	Range	Scale	Made	Sig.	Fig.	Time	W. Sec	R	W	W	
13. 9. 92	11:14	4191	4160	57° 15.5	32° 36.0	4.6	210		60	5000	200	li	S	110	266	10	0	3	1	
	11:30	4222	4190	49.3	26.1	6.1	213													
	11:45	4255	4160	46.8	40.9	7.6	233													
	12:00	4320	4320	47.6	42.1	5.7	242													
	13:15	4352	4352	48.12	43.9	6.7	245													
	17:10	4414	4464	47.1	43.9	6.3	241													
	12:45	4520	4518	48.6	50.0	7.5	284													
	13:03	4520	4542	48.9	53.3	0.6	213	K												
	14:53	4520	4546	50.3	53.1	2.4	32													
	15:00	4520	4533	49.5	52.4	5.0	33.8	Ch	11	4	5000	200	4	S	40	266	10	0	3	1
	15:12	4542	4515	48.29	50.58	8.3	39.9				200									
	15:15	4527	4508	47.94	50.01	9.2	41.4													
	15:31	4479	4393	47.00	45.80	8.5	75.5													
	15:44	4424	4394	47.17	45.93	7.3	213.4													
	16:00	4504	4478	49.21	46.11	9.0	175.5													
	16:15	4518	4491	49.49	47.04	5.0	311.5													
	16:30	4534	4507	48.09	49.35	5.0	2.8													
	16:45	4481	4459	48.20	47.04	8.9	87.8													
	17:00	4400	4375	48.25	42.91	7.9	74.3													
	17:15	4343	4314	47.03	40.76	5.4	355.5													
	17:16																			
	17:18	4347	4316	47.65	40.51	0.4	327.4	K												
	20:00	4314	4285	47.99	38.91	8.6	177.6	Sh												
	20:15	4486	4457	49.62	42.26	10.8	259.4													
	20:30	4540	4514	50.16	47.49	10.8	256.6													
	20:45	4570	4544	50.73	52.37	10.9	257.7													
	21:00	4599	4572	51.27	57.67	10.6	259.6													
	21:15	4611	4587	51.79	43° 03' 24	11.3	252.3	MIB	11R											
	21:30	4608	4584	51.33	08.31	11.3	256.5													
	21:45	4609	4586	52.94	13.61	11.4	253.7													
	22:00	4606	4581	53.53	18.89	11.0	258.0													
	22:15	4618	4596	54.148	24.46	11.2	266.78	Pct	stake											
	22:30	4648	4627	54.74	29.87	11.1	267.6													
	22:45	4682	4658	55.37	35.12	11.6	257.3													
	23:00	4718	4638	55.97	40.50	11.4	267.6													
	23:15	4598	4586	57.23	46.12	11.0	158.6	Kop	sch											
	23:30	4608	4604	57.64	51.53	11.4	259.1													

Station
 Unklar auf SL-Position
 Restart

Station SL
 18:29 SL an Grund



1100 1200 1500 1600 1700 1800 1900 2000 2100 2200 2300

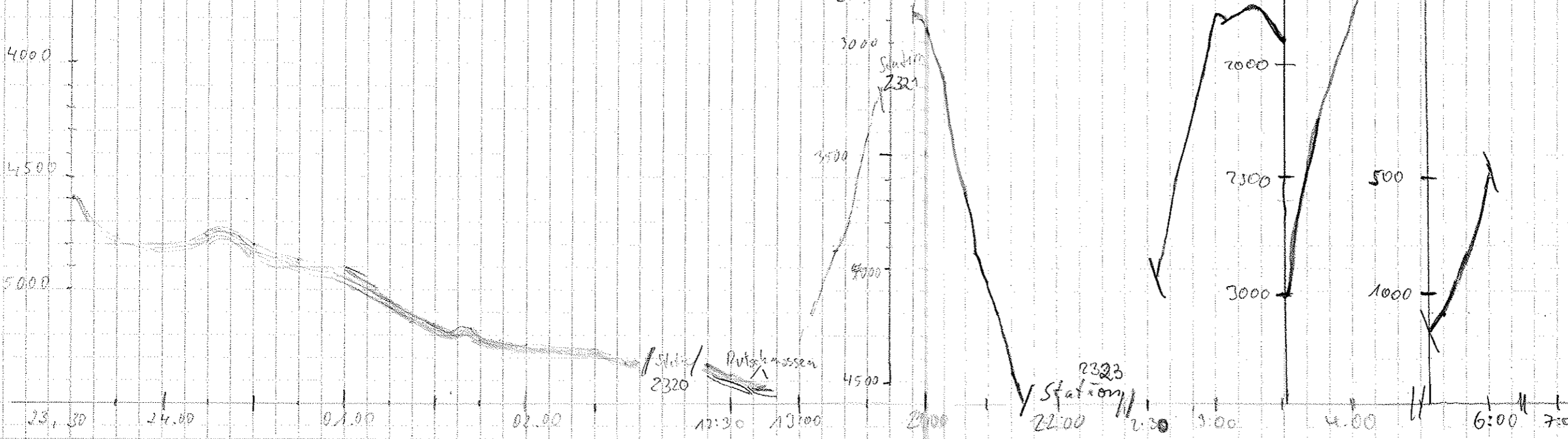
Date	Time	PS	H/S	LRT	LONG	Speed	Course	Frga	Putce	Range	Sow/c	Mode	Sig	Frga	Time	wt	R	H	M	
13.09.92	23:45	4758	4738	59° 58' 20"	43° 57' 27"	10.7	258.2	Ku	4	4	5000	200	4	5	40	266	10	0	3	1
	24:00	4761	4742	58' 81"	40° 02' 78"	11.7	257.9													
14.09.92	0:15	4735	4718	59' 35"	08' 10"	11.0	258.7													
	0:30	4730	4765	60° 00' 27"	15' 83"	10.7	252.2													
	0:45	4845	4826	00' 74"	18' 27"	11.1	256.9													
	01:00	4914	4898	01' 48"	23' 68"	10.7	255.3													
	1:15	5047	5032	02' 1	29' 0"	11.4	256	Gr	4	4	5000	100	4	5	40	266	10	0	3	1
	1:30	5129	5114	02' 8"	34' 1"	9.7	255													
	1:45	5214	5197	03' 4"	39' 9"	10.3	257													
	2:00	5239	5233	04' 7"	44' 7"	10.7	256													
	2:15	5266	5262	04' 6"	49' 3"	10.1	254													
	2:45	5329	5328	06' 1"	52' 4"	1.5	342		5.5											
	3:20	5355	5358	06' 0"	50' 9"	4.8	291		4											
	3:43	5270	5266	5' 3"	52' 8"	1.3	16													
	3:20	5335	5331	5' 6"	57' 2"	1.6	143	Ku	4	4	5000	200	4	5	40	266	10	0	3	1
	3:30	5384	5379	6' 6"	50' 3"	10.1	177	6-5												
	3:45	5412	5406	8' 6"	50' 8"	8.5	188													
	13:16	5064	5063	60° 12' 53" S	44° 52' 23" W	7.6	186.2	W												
	13:30	4346	4361	14' 27" S	52' 11" W	7.1	176.0													
	13:45	4189	4164	15' 08" S	51' 24" W	0.5	198.3													
	14:00	3662	3511	16' 17"	52' 96"	1.7	186	W												
	17:12	2843	2863	17' 61"	53' 32"	2.8	192													
	20:55	2893	2843	19' 20"	53' 00"	2.2	1.8	Ku												
	21:15	3439	3401	16' 78"	52' 61"	7.3	5.3	MICB												
	21:30	4133	4139	18' 43"	52' 39"	8.1	1.6	"												
	21:45	4596	4607	17' 35"	52' 68"	3.2	280.1	"												
15.9.92	2:35	4025	3953	15' 0"	57' 9"	6.5	193	Gr												
	3:10	2885	2844	19' 2"	52' 6"	7.0	169													
	3:15	2780	2745	18' 9"	52' 3"	6.5	171													
	3:30	3005	2978	21' 7"	51' 8"	6.9	172													
	3:45	2234	2142	23' 5"	51' 3"	4.5	174													
	4:00	1783	1756	25' 4"	50' 9"	7.7	173													
	4:20	1295	1295	26' 9"	52' 1"	2.5	265													
	5:45	969	834	28' 6"	52' 9"	8.3	174		4	2	1000									
	6:00	508	492	30' 9"	53' 2"	4.4	265		4	1	500	100								
	7:10	402	389	31' 0"	53' 3"	2.7	184													

Station / Storage off
 Verhole auf 5000
 St out and
 12:00 Prognost
 Systemature, Ende Band 23

Station
 G. K. K. K.

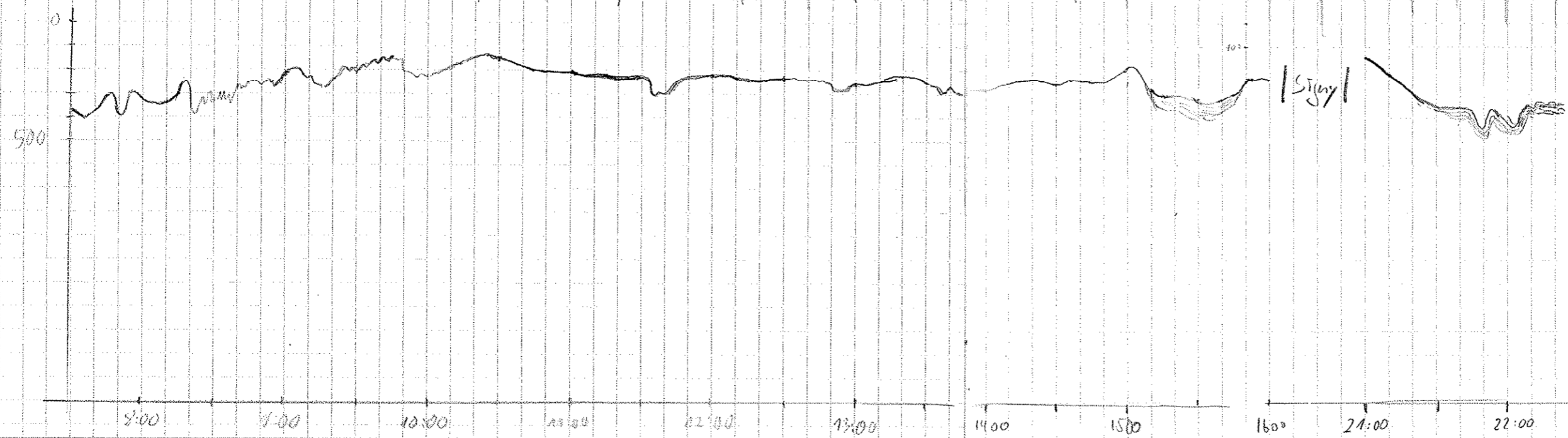
Station
 Station Ende / Station

3:58 Mode 1
 Station
 Station



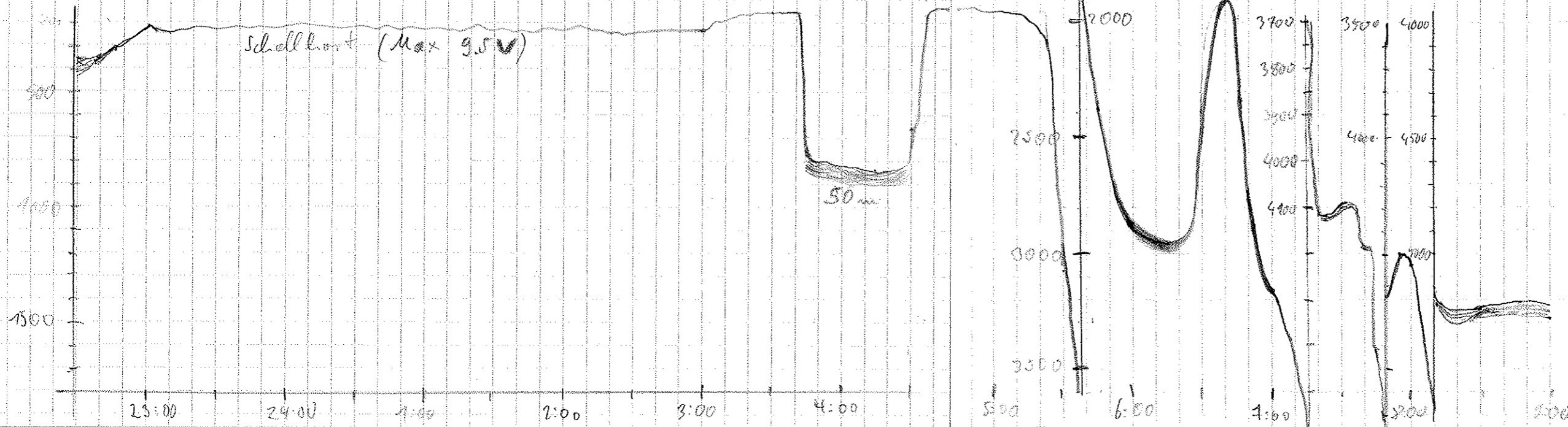
Date	Time	PS	HS	Lat.	Long.	Speed	Course	Name	Freq	Pulse	Range	Scale	Mode	Sig	Freq	Time	Est	R	H	M	Remarks	
15.02.92	7:31	374	360	60° 32,31'S	44° 51,60'W	8.0	94.3	Km	4	1	500	100	1	S	40	666	100	0	3	1		
	7:45	-	304	32,57'S	44,63'W	1.4	64.8	"														
	8:00	315	302	32,71'S	44,48'W	10.6	102.4	"														
	8:15	300	291	32,74'S	44,20'W	13.0	96.3	"														
	8:30	321	312	32,78'S	44,66'W	8.5	94.4	"														
	8:45	273	265	32,77'S	44,24'W	14.2	101.1	"														
	9:00	222	212	35.6	20.3	13.9	122	"														
	9:15	263	257	32,6	14,2	14.8	124	"														
	9:32	188	182	40,31	9,24	14.2	174	"														
	9:45	173	168	42,56	8,73	10.5	172	"														
	10:00	201	194	44,70	7,77	6.1	173	"														
	10:15	178	170	45,70	10,36	5.7	243	"														
	10:30	178	172	46,49	14,20	8.8	221	"														
	10:46	195	186	47,61	16,63	5.3	270	"														
	11:00	201	195	47,31	15,36	8.4	261	Pet. white														
	11:15	203	207	48,70	24,32	4.6	193	"														
	11:30	216	208	49,71	22,23	5.4	187	Km														
	12:00	207	200	51,48	27,16	7.9	239	"														
	12:30	218	212	52,60	33,64	7.8	263	"														
	13:00	232	223	53,06	45,42	13.9	274	"														
	13:15	226	219	53,48	53,63	14.0	263.1	Dr														
	13:30	227	214	54,01	59,88	13.8	259.5	"														
	13:45	281	271	53,97	45,31	14.5	271.7	"														
	14:00	280	270	53,97	14,10	13.7	323	"														
	14:15	231	227	51,80	17,62	7.8	325.5	"														
	14:30	249	243	51,39	20,20	6.4	253.3	"														
	14:45	240	233	50,59	22,80	7.3	314.4	"														
	15:00	199	190	49,13	25,83	7.3	328.5	Chr. ice			500											
	15:17	305	299	46,57	27,87	8.4	355.4	"														
	15:30	322	315	45,25	28,60	3.5	310.6	"														
	15:45	300	293	44,16	30,51	6.0	321.2	"														
	16:00	143	138	43,64	31,42	6.6	320.0	"														
	21:00	146.8	142	43,86	31,11	5.2	148.0	NIE BLER			5.5											
	21:15	295.0	284	44,16	30,56	4.4	158.0	"														
	21:30	341.7	336	45,57	29,29	5.3	176.9	"														
	21:45	358.4	351	47,33	29,74	11.3	177.7	"														
	22:00	390.8	381	50,09	30,48	9.9	252.6	"														
	22:15	366.0	361	51,691	35,16	11.2	201.0	Pet. ice														

Signy Island.



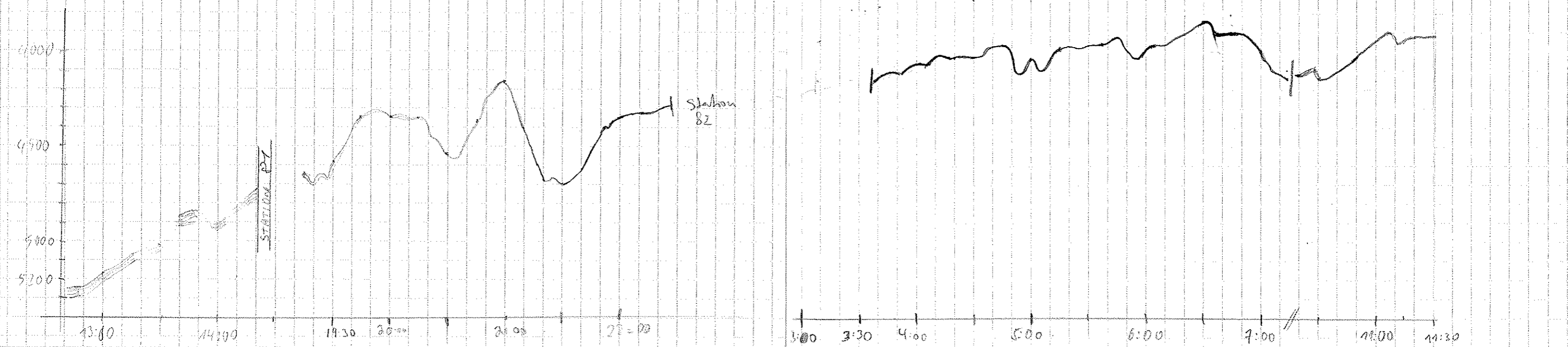
Date	Time	PS	NS	Lat.	Long.	Speed	Course	Wave	Freq	Pulse	Range	Scale	Mod	Sig	Frg	Tim	Wt	R	M	M	Remarks	
15.9.92	22:30	347	347	53.10'S	37.30'W	5.0	246.2	Kn hr	4	1	500	100	1	5	40	133	10.0	0	3	1		
	22:45	-	274	53.49'S	40.03'W	7.6	252	"														
	23:00	215	208	53.75'S	43.07'W	7.4	260	"														
	23:15	218.2	211	60°54.38'S	45°46.40'W	6.1	235.2	Krad														
	23:30	213.5	206	53.24'S	50.21'W	7.5	275.2	"														
	23:45	216.9	209	53.59'S	52.50'W	7.5	261.6	"														
16.9.92	00:00	209.9	203	55.77'S	56.30'W	8.1	282.8	"														
	00:15	216.2	214	56.05'S	59.29'W	5.0	266.3	"	5													
	00:30	217.2	211	56.01'S	59.42'W	0.9	60.5	"														
	00:45	211.3	203	55.82'S	59.42'W	0.8	276.5	"														
	01:00	219.7	212	56.07'S	59.53'W	0.5	188.7	"														
	1:30	211.2	205	55.6	46°08.8'W	6.6	312.8	0-1 gel	4													5
	1:45	211.8	204	54.9'S	05.6'W	9.4	285	"														
	2:00	212.9	205	53.9	10.8	8.4	315	"														
	2:15	217.4	215	52.8	13.2	8.9	274	"														
	2:45	196.2	189	49.4	22.3	12.0	305	"														
	3:00	219.9	209	47.0	20.3	11.9	340	"														
	3:30	248.8	212	47.3	29.4	11.5	325	"														
	3:45	763	705	35.5	29.7	10.5	359	"			1000											0
	4:15	827	801	32.9	30.0	10.4	354	"														
	4:30	657	627	30.3	29.9	9.2	9.9	"	1													
	4:45	732	727	28.5	27.6	9.3	49	"														
	5:30	1282	1252	23.5	17.6	10.0	47	"														
	5:45	2369	2373	21.8	14.4	9.4	39	"	4	2	2000	100	4	5	40	133	100	0	3	1	Umgeschaltet auf Mod 4	
	6:00	2864	2813	20.2	10.9	10.0	47	"			5000											
	6:15	2948	2802	18.7	07.5	9.8	40	"														
	6:30	2385	2332	16.4	05.0	9.3	17	"														
	6:45	2333	2269	14.5	03.6	8.9	16	"														
	7:00	3167	3114	12.0	02.6	9.1	2	"														
	7:15	3747	3753	9.7	02.33	9.2	20	"														
	7:32	4087	4044	7.57	00.36	8.8	23	"														
	7:45	4411	4376	5.79	45°58.91	8.9	194	"														
	8:00	4869	4583	3.73	57.2	8.6	26.4	"														
	8:15	5206	5230	2.15	55.63	6.5	28.8	"														
	8:30	5247	5233	0.75	54.27	5.6	32.4	"														
	8:45	5217	5209	59°59.78'S	53.18	4.7	310.8	"														
	9:00	5223	5215	60°0.12'S	45°53.84'S	2.2	242	"														

Begin Station MUC
 MUC nicht ausgef. Station auf Grund der ges. Einstellung nach 50 Voltekt 2. Versuch = Fehlversuch



Station

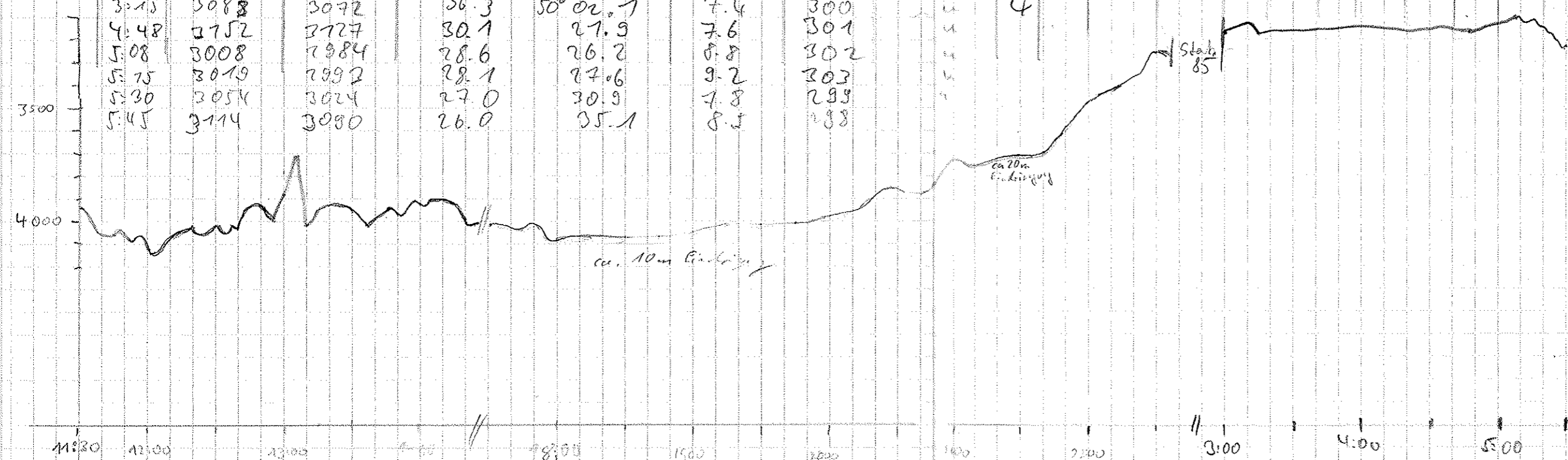
Date	Time	PS	HS	Lat.	Long.	Speed	Course	Wave	Freq	Pulse	Range	Scale	Mode	Stg	Freq	Plan	Wt	R	H	M	remarks	
16.09.92	12:46	5232	5220	60°00'47'S	45°52'82'W	2.2	293	Ku Ku	4	4	5000	100	4	S	40	133	10.	0	3	1		
	13:01	5185	5176	59°59'25'S	55°27'W	6.6	302	"														
	13:18	5086	5073	58°25'S	58°21'W	5.0	305	"														
	13:30	5029	5013	58°27'S	55°84'	5.3	306	"														
	13:45	4835	4822	57°46'S	46°01'95'	5.2	306	"														
	14:00	4918	4895	56°70'S	04°11'W	5.5	302	M. wave														
	14:15	4740	4727	55°35'S	06°38'W	5.3	304	"														
	14:21	4720	4704	55°61'S	07°26'W	4.3	310	"														
	16:45	4731	4682	55°70'S	05°12'	7.6	120	Ku Ku														Station Urdalen auf 56-Post Höhe
	19:15	4634	4542	54°82'	05°72'	5.0	309	Shiky				100				266						
	19:30	4596	4491	53°74'	09°55'	8.6	300	"														
	19:45	4338	4274	52°40'	14°19'	11.8	302	"														
	20:00	4350	4291	50°49'	18°76'	10.4	301	"														
	20:15	4354	4293	49°64'	22°25'	9.9	307	"														
	20:30	4531	4483	48°29'	27°14'	10.6	302	"														
	20:45	4376	4316	47°03'	31°66'	10.2	2919	"														
	21:00	4151	4097	45°46'	35°81'	10.3	296	"														
	21:15	4471	4444	44°38'	40°35'	10.5	301,3	NIEBUER														
	21:30	4705	4651	42°52'	45°12'	10.4	303,9	"														
	21:45	4532	4480	41°43'	49°40'	11.1	301,6	"														
	22:00	4445	4352	39°84'	54°73'	11.3	304,7	"														
	22:15	4285	4213	38°30'	59°15'	11.5	306,1	Peterson														
	22:28	4173	4123	37°25'	42°02'42'	6.7	299,9	"														
17.09.92	3:38	4152	4080	36°4'	04°2'	8.5	293	G. M. Jell	4	4	5000	200	4	S	40	266	10	4	3	1	Station 82 Ende/Station	
	4:20	4022	3955	33°2'	15°5'	8.9	290	"														
	4:30	4021	3953	32°4'	18°2'	9.0	300	"														
	4:45	3865	3838	31°3'	21°9'	8.6	299	"														
	5:00	4035	3977	30°3'	25°9'	9.2	297	"														
	5:15	3994	3932	29°1'	29°6'	8.7	301	"														
	5:36	3967	3892	27°13'	35°1'	9.1	304	"														
	6:05	3977	3904	24°9'	42°4'	8.8	303	"														0
	6:30	3841	3775	22°0'	48°7'	8.8	296	"														
	6:45	3909	3844	22°0'	52°4'	8.4	286	"														
	7:00	4004	3950	21°1'	56°3'	8.6	298	"														
	7:15	4135	4067	20°3'	49°4'	4.4	303	Ku Ku														Station 83
	10:24	4117	4049	20°4'	48°0'4'	0.7	246	"														
	10:50	4023	3957	18°7'	5°9'	10.6	301	"														
	11:15	3944	3875	16°65'	12°87'	10.0	300	Br. alms														



Date	Time	PS	NS	Lat	Long	Speed	Course	Wache	Freq	Pulse	Range	Scale	And	Sig	Freq	Time	Wt	R	N	M	Remarks	
17.9.92	11:30	3937	3868	59°15.35'S	48°17.06'W	10.2	302	Brauns														
	11:45	4051	3991	14.03 S	21.01 W	10.2	303	Kunze														
	12:00	4115	4056	12.72	26.72	9.8	303	"														
	12:15	4036	3970	11.44	28.45	8.8	302	"														
	12:30	4031	3968	10.85	32.72	9.0	297	"														
	12:45	3954	3874	9.39	38.81	8.8	296	"														
	13:00	3884	3814	8.27	39.67	7.5	298	"														
	13:15	3962	3897	7.25	43.27	9.1	297	"														
	13:30	3972	3901	6.21	47.08	9.6	299	"														
	13:45	3944	3874	5.13	50.48	9.2	301	"														
	14:00	3940	3846	4.00	53.78	8.2	305	"														
	14:15	3944	3875	2.88	56.48	8.9	301	"														
	14:26	4014	3950	2.22	59.45	3.4	283	"														
	17:32	4013	3946	7.42	49 02, 72	6.9	314	"														
	17:45	4038	3970	00.57	01.53	7.8	309	lies														
	18:00	4035	4022	58.32	07.61	7.2	307															
	18:15	4044	4021	58.14	10.49	7.9	302															
	18:30	4085	4020	57.06	13.23	7.4	308															
	18:45	4077	4029	56.55	16.40	7.3	308															
	19:00	4072	3978	54.50	18.95	6.7	307															
	19:15	4006	3928	53.36	21.49	7.2	307															
	19:30	4006	3932	52.19	24.69	7.9	306															
	19:45	4006	3910	51.17	27.32	7.0	307															
	20:00	4006	3919	50.28	30.07	7.6	719															
	20:15	4006	3885	48.99	32.02	7.3	311															
	20:30	4006	3859	47.71	35.87	8.1	306															
	20:45	4006	3838	46.60	38.66	6.9	307															
	21:00	3727	3685	45.51	41.31	7.7	306.8	NIE	STR													
	21:15	3734	3697	44.36	44.18	6.8	308.8	"														
	21:30	3708	3670	43.21	47.06	7.7	309.3	"														
	21:45	3653	3616	42.14	49.77	7.6	308.3	"														
	22:00	3592	3557	41.01	52.68	7.2	307.7	"														
	22:15	3451	3395	39.53	55.65	7.9	304.9	Pets	WIR													
	22:30	3165	3124	38.73	58.45	8.4	316.0	"														
18.9.92	3:00	3079	3076	37.4	58.5	7.6	303	Ginsel														
	3:15	3088	3072	36.3	50 02, 7	7.4	300	"														
	4:48	3752	3727	30.1	27.9	7.6	301	"														
	5:08	3008	2984	28.6	26.2	8.8	302	"														
	5:15	3019	2992	28.1	27.6	9.2	303	"														
	5:30	3054	3024	27.0	30.9	7.8	299	"														
	5:45	3114	3090	26.0	35.1	8.5	298	"														

Station CTD-MC
K. d. Station

22:40 station 85
Ende Stat. 85
3:15: DE50 keine
Pommesalvänderung
auslängesdattet, keine
Bessung
3:25: DE50 schnäbt
nicht mehr
DE50 feierlich verob-
schiedet, neue
eingebaut.



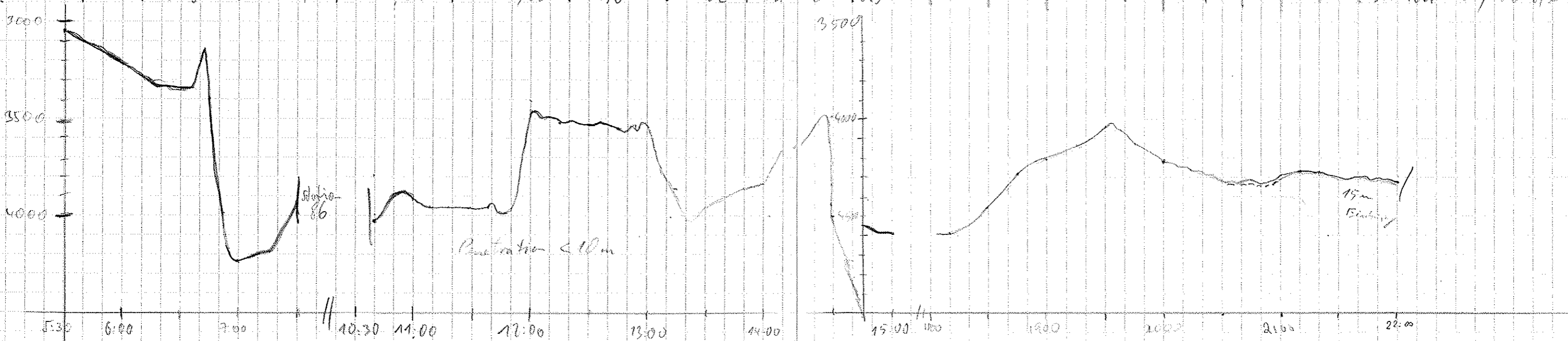
Date	Time	PS	HS	Lat.	Long.	Speed	Turn	W. L.	T. W.	R. W.	Scale	Prob	St	Temp	W. T.	R	H	M	Notes		
18.9.82	6:00	3219	3781	58°24.8'S	50°58.5'W	8.4	305	Gravel	4	4	5000	200	4	9	40	266	10	0	3	1	109
	6:15	3273	3732	23.6'S	41.5'W	8.0	310														
	6:45	3389	3384	27.2'S	47.6'W	8.0	299														
	7:00	4227	4192	19.8'S	57.7'W	8.1	205														
	7:15	4188	4168	18.9'S	54.3'W	8.5	307														
	7:30	3923	3917	17.1'S	59.8'W	7.1	308														
	10:40	4022	4003	18.0'S	57°00.3'W	3.5	296														
	11:00	3410	3902	16.28'S	4.83'W	8.5	308	Gravel													
	11:15	3444	3934	58°44.90'S	51° 8.23'W	9.7	305	Br atoms													
	11:30	3952	3943	13.37'S	41.60'W	9.2	307	"													
	11:45	3969	3956	12.16'S	45.08'W	8.9	308	"													
	12:00	3474	3462	10.69'S	48.64'W	8.4	308	Gravel													
	12:15	3576	3494	09.3'S	42.7'W	8.8	304	Gravel													
	12:30	3521	3486	8.1'S	45.5'W	8.2	305	Gravel													
	12:45	3540	3519	6.8'S	49.0'W	9.3	305	"													
	13:00	3525	3504	5.5'S	52.3'W	8.8	307	"													
	13:15	3883	2866	04.27'S	35.36'W	9.3	301	Gravel													
	13:30	4044	4022	03.09'S	39.26'W	9.4	298	"													
	13:45	3962	3943	01.90'S	47.35'W	9.1	305	"													
	14:00	3833	3795	00.46'S	46.22'W	8.4	309	"													
	14:15	3500	3480	57°59.07'S	49.60'W	8.6	310	"													
	14:30	4004	2998	57.62'S	53.16'W	9.4	304	"													
	14:45	4567	4538	56.32'S	36.56'W	9.1	308	"													
	15:00	4590	4554	55.15'S	59.62'W	6.7	305	Gravel													
	15:10	4523	4517	54.98'S	57.00.27	0.2	173	We stall													
	15:30	4405	4400	53.17'S	45.4'W	1.1	305	"													
	15:45	4255	4255	52.19'S	07.31	9.8	305	"													
	16:00	4202	4196	50.80'S	11.15	10.8	305	"													
	16:15	403	402	49.12'S	15.00	9.3	701	"													
	16:30	1091	4011	47.06'S	17.11	10.4	266	"													
	16:45	4127	4118	46.60'S	23.06	9.9	302	"													
	20:00	4213	4215	45.27'S	26.80	9.7	303	Sh. clay													
	20:15	4269	4271	43.90'S	30.66	9.9	301	"													
	20:30	4311	4334	42.82'S	34.01	9.1	303	"													
	20:45	4302	4318	41.76'S	38.39	10.5	304	"													
	21:00	4284.1	4256	39.74'S	44.96	10.4	304	NIE DIER													
	21:15	4272.1	4283	38.37'S	45.82	10.5	304.1	"													
	21:30	4297.2	4299	37.01'S	49.56	9.1	302.5	"													
	21:45	4313.2	4318	35.52'S	53.67	7.5	309.8	"													
	22:00	4319	4024	34.82'S	59.63	3.3	252	Gravel													

Station 86 / stop off
Station 86 time

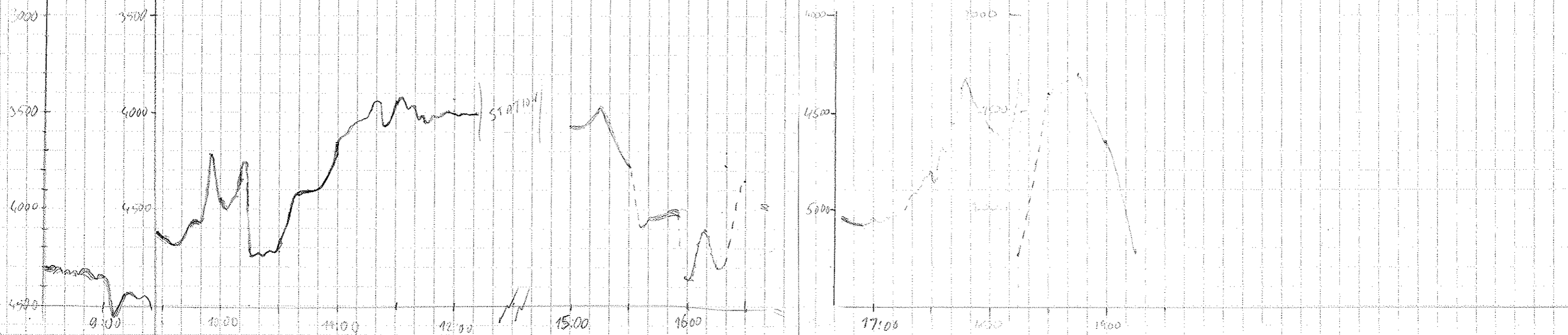
Error 42

Station 87 / stop off
1.1.1.1.1.

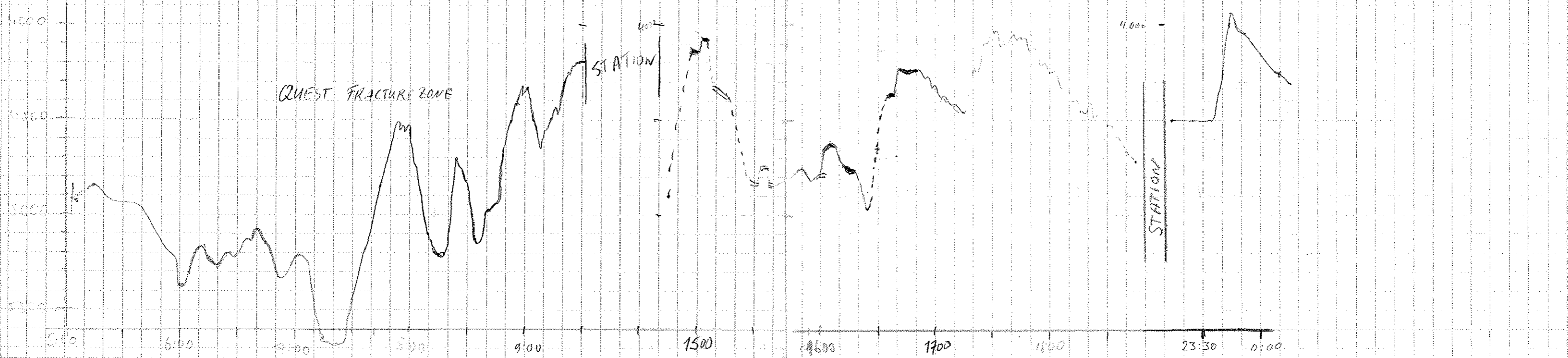
Station 88 / stop off



Date	Time	PS	MS	Lat.	Long	Speed	Temp	W. die	Freq	Ant	Range	Scale	Mod	Sig	Frg	Time	wt	R	H	Remarks	
19.9.32	0:20	4290	4260	57°34,8'S	52°57,2'W	1.6	344	0.6 gel	4	4	5000	200	4	5	40	266	10	0	3	Verholen auf SL-Position Position wieder/stop off SL an Bord Frequenztest	
	0:39	4332	4307	34,7	54,3	3.7	264	"	5.5			100				133					
	1:34	4314	4282	35,1	54,4	7.2	240	"													
	7:37	4307	4285	34,8	56,7	2.7	326	Ku lin	FT												
	8:07	4321	4307	34,4	52,3	2.5	327	"	4	4	5000	100	4	5	40	133	10	0	3		7
	8:30	4303	4278	32,4'S	53°01,0'W	11,7	307	"													
	8:45	4338	4319	30,7	05,3	11,4	307	"													
	9:00	4366	4349	29,7	09,5	11,5	305	"													
	9:15	4466	4470	27,5	13,8	11,6	306	"													
	9:30	4608	4585	26,4	17,8	10,5	305	"													
	9:45	4573	4556	24,7	21,7	11,0	308	"													
	10:00	4456	4431	23,0	25,7	11,0	310	"													
	10:15	4719	4700	21,2	29,8	11,7	308	"													
	10:30	4566	4643	19,6	33,7	11,7	306	"				200									
	10:45	4383	4372	17,9	37,8	11,2	306	"													
	11:01	4157	4135	16,2	42,2	10,9	306	"													
	11:15	4041	4014	14,7	45,2	10,2	306	Per Shim													
	11:30	3954	3935	13,7	49,8	11,2	308	Kr lin													
	11:45	4032	4010	11,5	53,5	11,2	307	"													
	12:03	3977	3961	9,5	58,0	9,0	299	"													
	12:43	4013	4010	9,0	59,9	9,4	30	"													
	15:03	4078	4057	57°08,6'S	54°00,9'W	9,6	307	Cl. stie	4	4	5000	100	4	5	40	266	10	0	3	1	Station 89
	15:15	3995	3992	07,6'	02,9'	10,2	303	"									433				
	15:37	4262	4297	06,0'	07,4'	11,2	302	"				200					266				
	15:45	4628	4623	04,6	11,4	11,3	303	"													
	16:06	4883	4840	02,9	15,2	11,0	307	"													
	16:15	4828	4820	01,3	19,5	10,8	306	"													
	16:30	4345	4312	56°59,7'S	23,5	10,4	279	"													
	16:45	5027	4983	58,0	25,1	10,6	006	"													
	17:00	5038	5038	56,3	27,8	10,9	296	"													
	17:15	5030	5012	56,26	32,17	11,3	300	Nein "													
	17:30	4731	4702	57,10	36,17	11,3	200	"													
	17:45	4571	4516	57,05	40,26	11,2	201	"													
	18:00	4580	4616	57,42	45,36	11,4	201	"													
	18:15	4325	4262	57,52	49,14	11,5	376	"													
	18:30	3501	3361	57,11	57,07	11,5	328	"													
	18:45	3301	3275	43,63	55,08	12,0	3276	"													
	19:00	3654	3706	41,25	58,28	11,6	323	Shide													
	19:15	4242	4245	39,76	59,70	3,0	27.1	"													



Date	Time	PS	HS	Lat	Long	Speed	Rus	Water	Fq	Pulse	Range	Scale	Mode	Sig	Fq	Tim	A	R	H	M	Remarks	
20.09.92	5:05	4822	4906	56°37' 1'S	54°57.0'W	7.1	302	Gravel	4	4	5000	200	4	5	40	266	10	0	3	1	Stake 90 Ende	
	5:15	4856	4841	36.7		8.5	293															
	6:00	-	5379	34.4	55°06.0'W	8.7	262															
	6:15	-	5370	36.0	55°06.0'W	8.8	270															
	6:45	-	5154	32.2	55°06.0'W	9.8	295															
	7:00	-	5287	31.9	55°06.0'W	10.3	291															
	7:15	9633	9622	30.5	26.5	9.9	292	K. K.			10,000											
	7:30	-	5443	29.5	30.4	8.7	295	"														
	7:45	4842	4748	28.6	34.4	9.8	292	"														
	8:00	-	4586	27.6	38.2	9.3	294	"														
	8:15	-	5203	26.7	42.1	9.2	292	"														
	8:30	-	4207	25.9	45.7	8.3	291	"														
	8:45	-	4924	25.1	49.4	8.0	295	"														
	9:00	4387	4382	24.1	53.1	9.1	295	"														
	9:15	4432	4502	23.2	56.8	8.6	291	"														
	9:30	4224	4229	22.5	56.0	4.5	24	"														Station 91
	14:23	-	5416	56°19' 32'S	55°58.34'W	2.1	3.5	M														Schro beudet
	14:46	4928	5048	16' 53'S	58° 8' W	10.4	355	"	4	4	5000	200	4	S	40	266	10	0	3	1		
	15:00	4226	4220	56°14' 22'S	55° 59' 25' W	10.8	357	Chr														
	15:15	4374	4343	71' 42'	59' 62'	10.7	357	"														
	15:30	4823	4800	56°08' 81	59' 76	10.4	358	"														
	15:45	4730	4708	06' 09	59' 90	11.0	357	"														
	16:00	4784	4763	04' 81	02' 21	10.2	274	"														
	16:15	4759	4638*	04' 72	07' 00	9.9	272	"														
	16:30	4629	4589	04' 62	11' 59	10.1	273	"														
	16:45	4246	4224	04' 38	16' 25	10.1	273	"														
	17:00	4236	4223	04' 25	20' 62	10.4	273	"														
	17:15	4460	4443	04' 10	25' 08	10.8	273	Wester II														
	17:30	4010	4084	03' 94	29' 65	10.2	274	"														
	17:45	4084	4073	03' 77	34' 73	11.3	274	"														
	18:00	4251	4238	03' 49	39' 12	10.2	276	"														
	18:15	4476	4415	03' 27	41' 00	10.7	272	"														
	18:30	4074	4120	03' 25	48' 64	10.6	268	"														
	18:45	4721	4717	03' 06	53' 40	10.4	274	"														
	23:15	4494	4470	55° 59' 57	58' 89	3.2	348.6	MIEP IIR														
	23:20	4503	4509	59' 11	59' 12	1.0	257.6	"														
	23:45	4012	3973	58' 08	58' 93	7.0	8.6	"														
21.09.92	0:05	4319	4301	54' 93	57' 52	11.0	16.3	"														



Date	Time	FS	HS	Lat.	Long.	Speed	Wind	Wave	Temp	Pulse	Range	Scale	Log	Sig	Mag	Time	Lat	Long	Station	
21.09.92	0:15	4440	4434	55° 53' 22"	56° 56' 55"	11.1	15.0	11E 11E	4	4					40	266	10	0	3	1
	0:30	4227	4290	50' 63"	55' 44"	10.8	16.3	"												
	0:45	4263	4266	47' 86"	54' 50"	11.1	17.1	"												
	1:00	4226	4282	45' 21"	52' 47"	10.9	20.2	"												
	1:15	4246	4255	42.6	57.1	11.5	17	Grassy												
	1:30	4260	4260	42.2	50.7	11.1	10.2	Grassy												
	1:45	4290	4298	44.8	52.5	10.7	13.7	"												
	2:00	4277	4284	47.2	53.3	11.2	15.9	"												
	2:15	4266	4268	47.7	53.9	11.2	13.0	"												
	4:25	4257	4246	47.7	56.2	9.2	28.4	"												
	4:45	4285	4289	46.5	57° 00.5' S	11.7	29.6	"												
	5:00	4290	4301	45.2	0.8	11.4	29.6	"												
	5:30	4196	4207	42.0	14.0	11.0	29.6	"												
	5:45	4227	4234	47.4	18.4	11.1	29.5	"												
	6:00	4232	4245	40.3	77.9	11.1	29.3	"												
	6:18	4209	4272	38.7	78.5	11.1	29.7	"												
	6:34	4474	4482	32.2	32.3	77.5	29.4	"												
	6:45	4254	4288	36.7	36.0	6.6	29.0	"												
	13:30	4215.7	4218	36.17	41.90	4.9	331.8	Du												
	14:00	4211	4217	32.26	45.37	11.7	332.2	"												
	14:30	4309	4318	27.35	49.83	11.2	334.0	"												
	15:00	4339	4344	55° 27' 29" S	57° 54' 28" W	11.3	32.9	CL			5000	200	4	S	40	266	10	0	3	1
	15:15	4357	4362	19.87	56.69	11.1	33.0	"												
	15:30	4346	4350	17.47	59.26 W	11.9	32.8	"												
	15:38	4345	4348	16.25	58° 00' 54" W	3.3	007	"												
	17:32	4357	4344	15.14	57° 58' 73" W	6.7	317	Ku												
	17:00	3973	3941	12.98	56° 02' 18"	7.6	313	Sh												
	17:15	3657	3632	11.74	04.59	8.0	309	"												
	17:30	3336	3324	10.04	06.37	8.0	334	"												
	17:44	3393	3309	10.0	6.2	7.8	253	"												
	18:45	2462	2375	7.8	7.7	7.5	340	"												
22.09.92	0:00	2470	2443	8.9	8.7	7.5	342	"												
	0:15	2406	2060	04.7	9.6	4.4	295	"												
	2:20	2430	2389	5.6	6.4	4.3	347	"												
	2:48	1430	1407	2.4	8.6	7.4	338	"												
	4:07	7323	7268	55° 00' 0"	10.2	7.7	339	"												
	4:14	7267	7239	54° 59' 1"	10.4	7.9	19	"												
	4:30	1116	1134	57.3	9.6	4.8	298	"												

and Station for SL
End Station

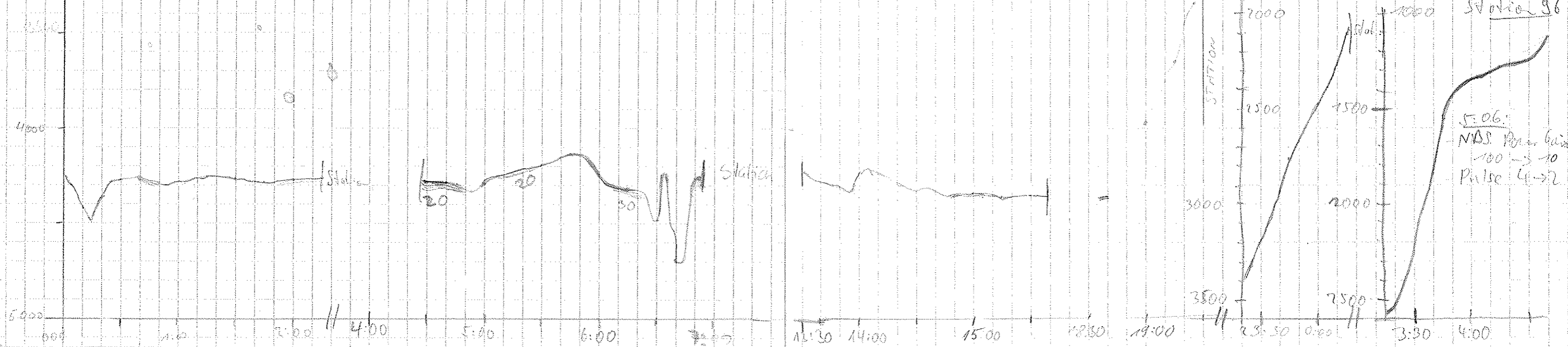
Station
End Station

Station 94

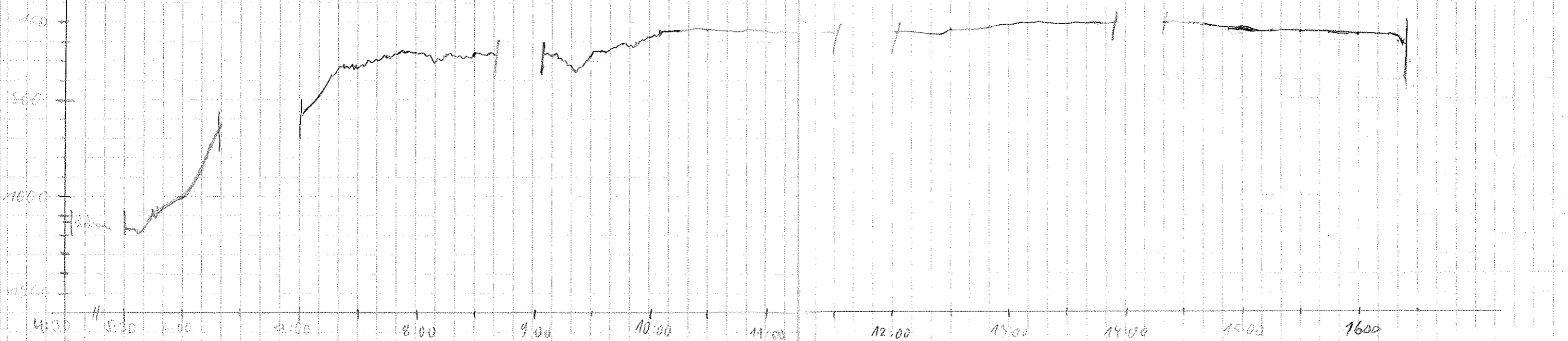
End Station 95

Station 95
End 95

and Note 1 geschaltet
Trigger auf Patch-Logbuch
Station 96



Date	Time	PS	N.S	Lat.	Long.	Speed	Kurs	Wave	Freq	Rate	Range	Scale	Mode	Sig	Freq	Time	Lat	Long	Station		
17.9.92	5:32	1163	1142	54°57.3'S	58°10.0'W	7.1	334	Gr	4	2	2000	100	1	S	40	133	10	0	3	1	Station 96 E de
	5:45	1097	1078	55.9'S	11.3	7.2	333														
	6:15	893	879	54.1'S	17.9	7.3	332														
	6:25	729	699	52.5	14.5	7.4	330														
	7:04	567	548	51.9	15.2	7.3	338	W													
	7:15	389	380	50.6	16.0	7.5	341														
	7:30	341	333	48.8	17.2	8.1	341														
	7:45	284	280	46.9	18.4	7.7	341														
	8:00	228	266	45.1	19.5	7.3	340														
	8:15	287	275	43.3	20.7	7.8	341														
	8:30	279	272	41.3	21.4	7.9	360														
	8:38	284	277	41.0	21.8	7.2	249														Station 99
	9:05	287	282	40.8	22.2	6.0	340														
	9:22	339	334	38.8	23.3	7.1	340														
	9:36	258	254	37.2	24.3	7.1	342														
	9:52	222	217	35.5	25.3	6.4	341				1000										
	10:05	154	151	34.0	26.2	7.4	339														
	10:15	140	136	32.9	26.9	6.3	332														
	10:30	140	136	31.4	28.1	6.1	334														
	10:46	142	138	29.6	29.1	6.8	342														
	11:00	142	139	29.2	29.9	7.9	342														
	11:07	139	135	29.9	31.6	7.6	338				3										
	11:30	134	130	27.7	34.3	8.7	336														
	12:50	123	119	19.0'S	36.0	9.9	349														
	13:05	115	111	16.6'S	37.2	9.7	341														
	13:15	110	106	15.1'S	38.0	10.0	343														
	13:30	102	102	12.8'S	39.2	9.7	342														
	13:45	107	103	10.4'S	39.6	10.0	360														
	13:58	107	103	10.3	40.6	1.6	206														Station 101
	14:20	107	103	10.3	40.3	5.2	359														
	14:45	119	114	4.2	42.3	5.5	339														
	15:00	129	125	4.9	43.6	9.4	342														
	15:15	147	137	2.6	44.8	9.1	339	Cl													
	15:30	147	143	0.2	46.2	10.0	340														
	15:45	167	157	53°57.7'S	58°47.6'W	10.7	345														
	16:00	170	167	55.2	48.9	10.7	342														
	16:15	174	170	52.6	49.9	10.8	345														
	16:22	211	205	51.3	50.5	7.7	339														

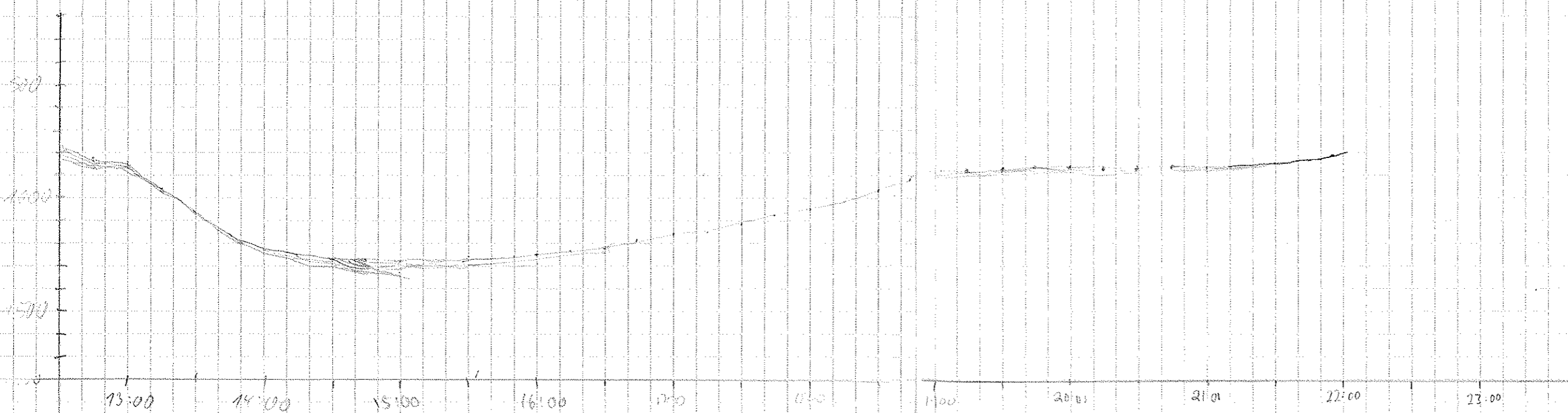


Programmer: J. L. G., TT,
 SM, HP3852
 Master: J. L. G.
 Station 100

Station 102

Date	Time	PS	HS	Lat.	Long.	Speed	Kms	Wac	Fig.	P. ln	Range	Scale	Mod.	Sea	Fig	Time	w/t	R	H	M	
23. 2. 92	12:45	825	807	53° 18.03 S	59° 26.6 W	5.1	239		4	4	1000	100	1	5	40	133	70	0	3	7	
	13:00	914	898	18.8 S	27.8 W	5.8	243														
	13:15	977	960	19.38 S	30.64 W	5.0	246														
	13:30	1068	1051	20.09	32.75	6.3	240.4														
	13:45	1158	1144	20.88	34.80	6.3	235.0														
	14:00	1214	1197	21.64	36.83	5.4	235.4														
	14:15	1244	1228	22.21	38.96	5.9	241.7														
	14:30	1270	1255	22.98	40.95	5.4	240.2														
	14:45	1277	1261	23.59	42.91	4.3	241.3														
	15:00	1280	1263	24.24	44.99	6.4	243.6	CL													
	15:15	1278	1262	24.92	47.05	5.4	236.6														
	15:30	1277	1253	25.68	49.29	6.3	240.8														
	15:45	1263	1246	26.47	51.48	5.7	237.6														
	16:00	1250	1234	27.27	53.49	5.0	236.7														
	16:15	1235	1227	28.04	55.37	4.9	231.4														
	16:30	1226	1200	28.70	57.17	5.0	242.0														
	16:45	1196	1180	29.36	58.92	4.5	239.4														
	17:00	1169	1153	30.00	60.91	6.0	241	Wac													
	17:15	1161	1126	30.72	63.11	6.1	211														
	17:30	1111	1096	31.36	65.37	1.7	230														
	17:45	1082	1070	32.28	67.61	5.2	236														
	18:00	1050	1036	32.96	69.62	1.6	252														
	18:15	1015	1001	33.25	71.37	1.6	242														
	18:30	978	960	33.91	72.11	5.1	220														
	18:45	921	908	34.65	72.05	5.1	238														
	19:00	871	851	35.39	72.74	6.6	309														
	19:15	897	879	36.12	73.12	5.5	304														
	19:30	883	870	36.59	73.55	8.2	302	Wac													
	19:45	875	863	37.06	74.51	8.5	298														
	20:00	874	861	37.51	74.52	7.8	299														
	20:15	875	863	37.96	74.08	6.2	296														
	20:30	877	864	38.38	74.52	6.2	301														
	20:45	877	864	38.72	74.93	7.4	297														
	21:00	875	864	39.16	74.46	7.1	296														
	21:15	866	853	39.68	74.68	7.4	302.6	Wac													
	21:30	857	839	40.12	74.26	6.7	303.9														
	21:45	830	820	40.58	74.26	6.7	301.5														
	22:00	803	788	41.06	74.99	7.3	301.2														
				41.39	74.44	7.6	304.4														

Change course



Date	Time	PS	NS	Lat	Long	Speed	Vars	Wave	Dir	Pulse	Range	Scale	Mod	Sig	Freq	Time	WT	R	H	M	
23.9.92	22:16	769	756	53° 23.5'S	60° 48.8'W	6.5	293.0	Pet. h		4	4	1000	100	1	SJ	40	133	10	0	3	1
	22:30	731	719	53° 22.8'S	60° 51.3'W	6.2	297.3	"													
	22:45	694	681	21.34'S	53.71'W	6.8	298.0	"													
	23:00	659	627	21.23'S	56.14'W	7.2	296.8	mk													
	23:15	637	679	20.4'S	58.5'W	5.4	299	"													
	23:30	609	597	19.65'S	61° 00.7'W	6.5	301	"													
	23:45	593.2	582	18.95'S	62.77'W	4.2	307.4	"													
24.9.92	24:00	580.1	569	18.27'S	64.88'W	5.0	298.4	"													
	00:15	568.4	552	17.52'S	67.00'W	6.5	297.4	"													
	00:30	560.8	548	16.90'S	69.13'W	6.8	298.4	"													
	00:45	552.1	541	16.31'S	71.20'W	5.6	296.0	"													
	01:00	545.6	536	15.75'S	73.27'W	4.9	300.0	"													
	2:00	527	522	15.17'S	75.34'W	5.5	301	Ors gel		2											
	3:00	507	487	14.4'S	78.0'W	5.6	299	"													
	4:00	496	486	13.9	80.4	5.3	303	"				500									
	5:00	477	467	13.8	82.3	7.1	298	"													
	6:00	427	418	13.0	86.7	7.2	297	"			4										
6:19	411	403	12.00'S	89.7'W	6.7	297	"														

6:19 : Paradigma
beendet
Ende Line 34
7:00 PARASOUND
abgeschaltet

