

2

#12

3.5 kHz

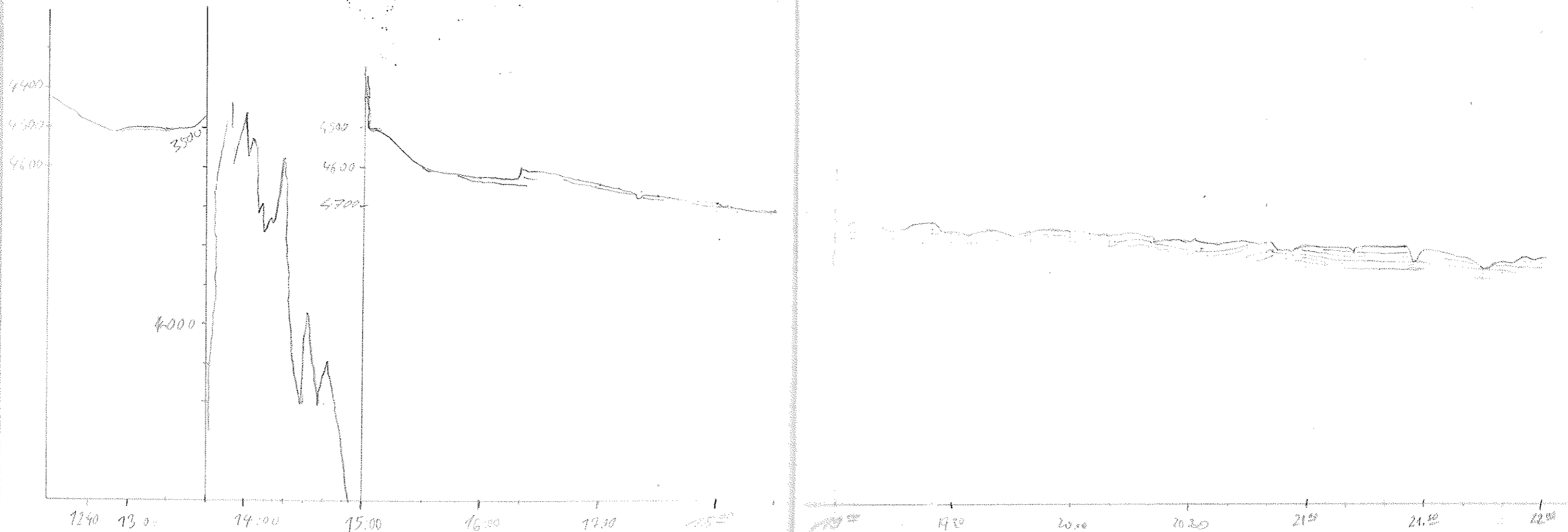


ANT V/4

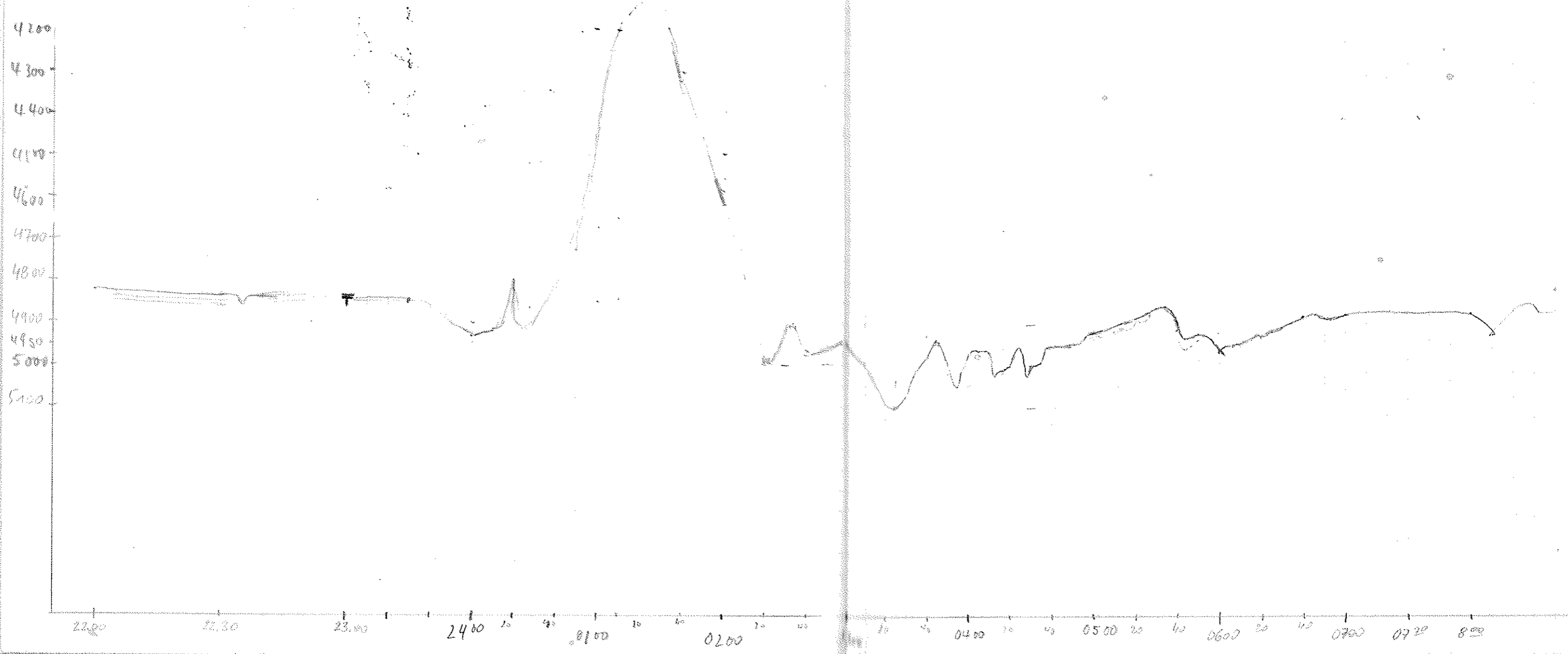
27.12.1986 - 23.2.1987

УЧЕБНО-МЕТОДИЧЕСКОЕ ПОСОБИЕ

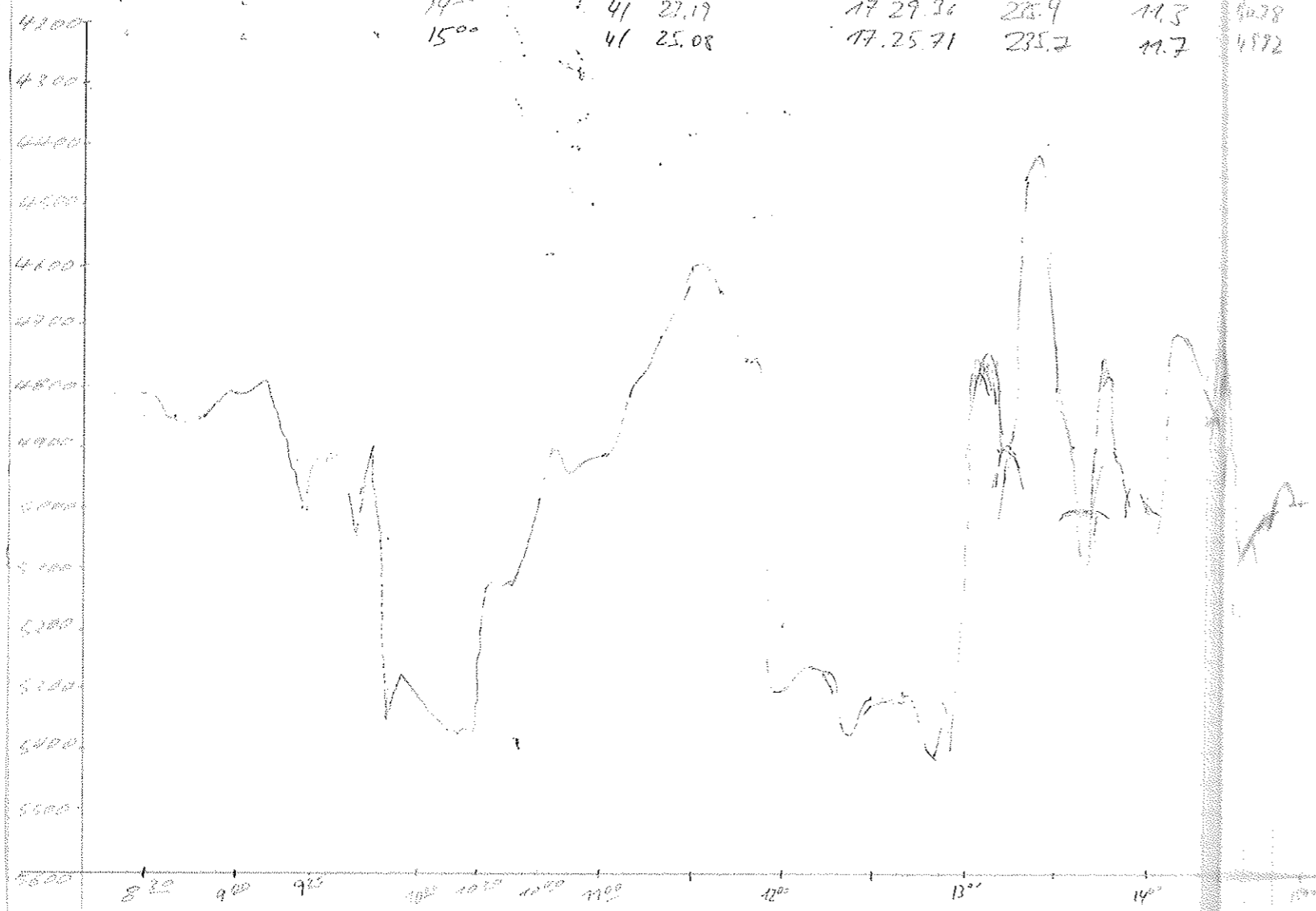
Rolle Nr.	Profil Nr.	Datum	Zeit UTC	Lat. S	Lon.	Kurs	Geschw.	Wassert.	Trigops-Folge	sweeps	delay	pulse length	Protokollant	Bemerkungen
1.	10/652	27.12.86	12:40	37° 19,86'	18° 05,63 E	181,5	12	4478	KP-K-P-	7	0,38	7	Kuhn	
			13:40	37° 23,96'	18° 00,32 E	177,0	11,2	4593	"	"	"	"		13:01 Profilstart
			14:00	37° 27,95'	18° 00,62 E	177,8	11,7	3490	KP	2	0,13	"		
			14:15	37° 30,34'	18° 00,79 E	178,7	11,4	3770	KP-	3	0,00	"		
			14:50	37° 36,73'	17° 58,27 E	184,2	11,5	4450	KP	2	0,00	"		
			15:00	37° 38,60'	17° 58,16 E	178,6	12,3	4582	KP-K-P-	7	0,13	"		
			15:35	37° 44,91'	17° 54,39 E	183,5	10,3	4603	"	"	"	"		
			16:03	37° 49,60'	17° 56,99 E	184,2	10,2	4629	"	"	"	"		
			16:32	37° 54,27'	17° 56,78 E	199,7	9,2	4624	"	"	"	"		küst. Wunde im Kurs
			17:00	37° 57,42'	17° 55,24 E	176,8	10,3	4646	"	"	"	"	Niedrijager	
			17:30	38° 02,98'	17° 54,69 E	181,8	10,2	4660	"	"	"	"	Kuhn	
			18:02	38° 08,34'	17° 54,60 E	179,7	10,7	4687	"	"	"	"	Wied.	
			18:31	38° 13,44'	17° 53,65 E	178,2	10,5	4705	"	"	"	"		
			19:03	38° 19,06'	17° 56,19 E	174,1	10,4	4737	KP	2	0,38	"	Karsten	
			19:32	38° 22,99'	17° 56,59 E	189,6	9,7	4764	"	"	"	"		
			20:00	38° 26,98'	17° 55,84 E	183,0	10,2	4762	"	"	"	"		
			20:30	38° 31,91'	17° 55,66 E	181,9	10,1	4785	"	"	"	"		
			21:01	38° 37,11'	17° 55,62 E	177,4	10,4	4799	"	"	"	"		
			21:30	38° 41,38'	17° 54,57 E	177,0	11,0	4821	"	"	"	"		
			22:00	38° 46,29'	17° 54,31 E	179,0	10,9	4823	"	"	"	"		



Rolle Nr.	Profil Nr.	Datum	Zeit UTC	Lat. S	Long. E	Kurs	Geschw.	Wassert	Trigger Folge	Sweeps	delay	pals length	Protokollant	Bemerkungen
1	10/652	27.12.86	22.30	38° 51,25'	17° 54,70'	175,2	10,9	4831	KP - - - -	2	0,38	1	Karsten	
	"	"	23.00	38° 56,25	17° 55,49'	176,7	10,9	4848	KP - - - -	2	"	"	"	
	"	"	23.39	39° 02,79	17° 55,8 E	175,3	11,3	4868	KP - - - -	2	0,38	1	Kranke	
	10/652	28.12.86	00.03	39° 06,75	17° 56,16 E	175,5	10,5	4836	KP - - - -	2	0,38	1	"	
	"	"	00.09	39° 07,65	17° 56,25 E	175,0	11,0	4840	KP - - - -	2	0,25	1	"	
	"	"	00.32	39° 10,76	17° 58,10 E	181,8	11,1	4905	KP - - - -	2	0,25	1	"	
	"	"	01.03	39° 15,62	17° 57,8 E	181,2	10,8	4895	KP - - - -	2	0,25	1	"	"Wilde Spinnge"
	"	"	01.30	39° 20,03	17° 57,64 E	182,7	10,7	4852	KP - - - -	2	0,25	1	"	nicht verfolgbare
	"	"	02.00	39° 25,19	17° 56,89 E	183,2	10,8	4626	KP - - - -	2	0,25	1	"	NBS-Lothello gew.
	"	"	02.03	39° 25,69	17° 56,87	180,0	10,8	4673	KP - - - -	2	0,38	1	"	
	"	"	02.21	39° 28,82	17° 56,97	178,8	10,8	5034	KP - - - -	2	0,10	1	"	Steiler Abhang
	"	"	02.32	39° 36,76	17° 57,04	178,2	10,8	4999	KP - - - -	2	0,13	1	"	
	"	"	03.01	39° 35,42	17° 57,24	178,2	10,7	4959	KP - - - -	2	0,13	1	"	
	"	"	03.25	39° 40,17	17° 57,44	178,6	11,3	5090	KP - - - -	2	0,00	1	Cranz	
	"	"	03.50	39° 44,45	17° 58,37	176,4	10,8	5040	KP - - - -	2	0,00	1	Henriet	Delay 00, Range 4875-5250
	"	"	04.00	39° 45,82	17° 58,47	178,3	10,3	4971	KP - - - -	2	0,00	1	"	Gain increased
	"	"	04.30	39° 50,65	17° 58,96	176,7	10,7	5014	KP - - - -	2	0,00	1	"	
	"	"	04.57	39° 55,75	17° 58,94	182,2	10,6	4938	KP - - - -	2	0,13	1	"	Delay 0,13
	"	"	05.30	40° 01,05	17° 58,66	182,9	11,0	4860	KP - - - -	2	0,13	1	"	
	"	"	06.00	40° 06,11	17° 58,57	180,4	10,7	4965	KP - - - -	2	0,13	1	"	
	"	"	06.30	40° 10,95	17° 58,36	181,4	10,5	4909	KP - - - -	2	0,13	1	"	
	"	"	07.00	40° 15,47	17° 58,15	183,1	10,2	4881	KP - - - -	2	0,13	1	"	
	"	"	07.30	40° 21,47	17° 58,97	179,3	11,5	4821	KP - - - -	2	0,13	1	"	
	"	"	08.00	40° 26,96	17° 59,04	178,2	11,1	4822	KP - - - -	2	0,13	1	Grindel	

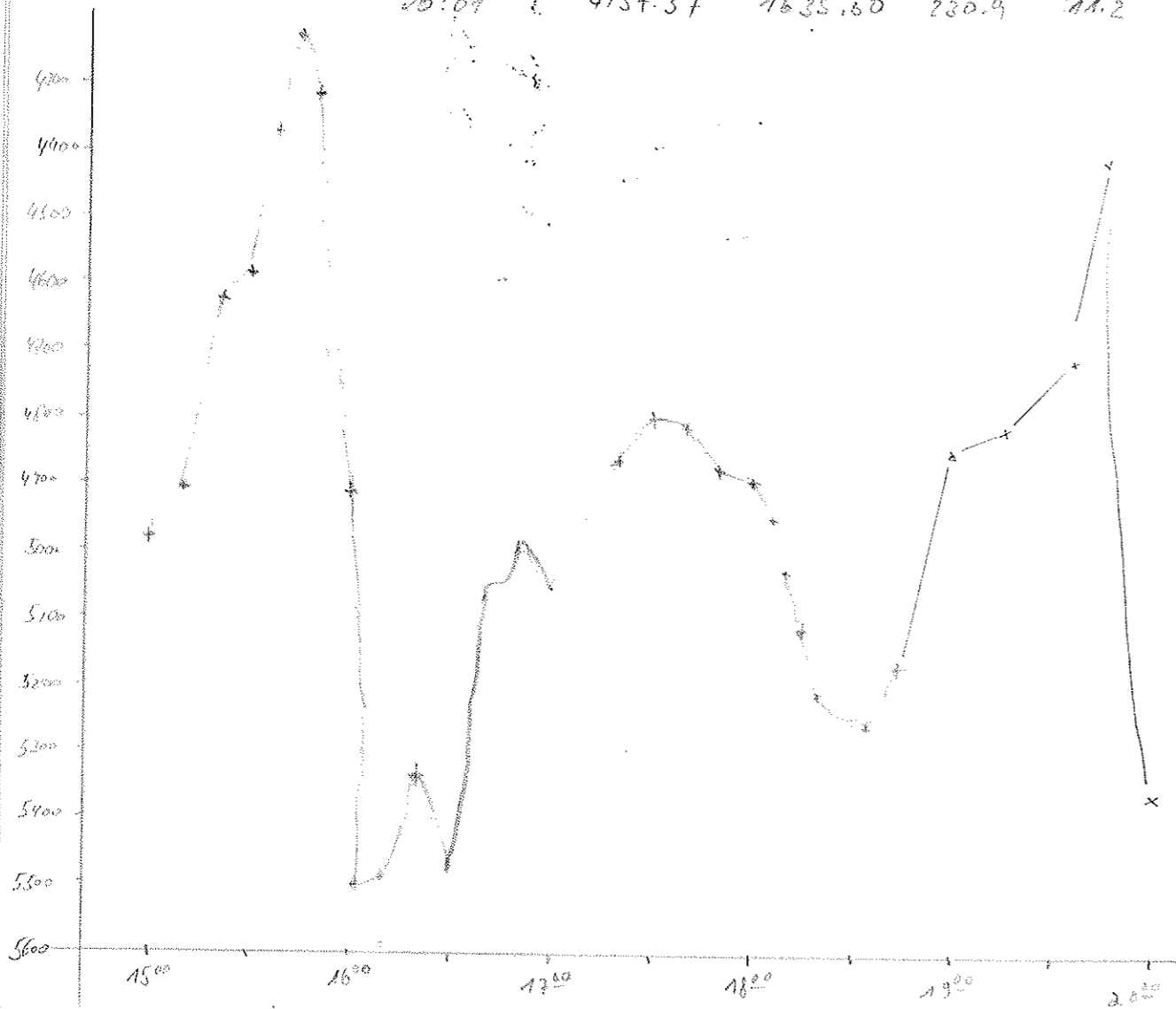


Roller Nr.	Profil Nr.	Datum	Zeit [min]	Lat. S	Long. E	Kurs	Geschw.	Wasser-tiefe	Trigger Folge	Surveys	Delay	pol's length	Profilkont.	Bemerkungen
1	107855	18 02 85	8 32	40° 32,36	17° 59,26	177,9	11,0	4873	KP - - - - - 2		0,13	1	Grindal	
"	"	"	9 20	40 37,83	17 59,51	177,1	11,2	4824	KP - - - - - 2		0,13	1	"	
"	"	"	9 24	"	"	"	"	"	KP - - - - - 2		0,25	1	"	
"	"	"	9 24	40 41,59	17 59,69	179,1	11,6	5000	KP - - - - - 2		0,13	1	"	
"	"	"	9 33	40 42,49	18 00,63	182,6	11,3	450	KPK - P - - - 5		0,00	1	"	
"	"	"	10 20	40 52,28	18 00,40	181,5	11,4	350	KPK - P - - - 5		0,00	1	"	
"	"	"	10 23	40 52,81	18 00,38	181,9	11,4	350	KPK - P - - - 5		0,25	1	"	
"	"	"	10 35	40 55,35	18 00,27	181,8	11,3	080	KP - - - - - 2		0,13	1	"	
"	"	"	11 00	40 59,68	18 00,06	181,2	11,3	1940	KP - - - - - 2		0,13	1	"	Knurretsel
"	"	"	11 15	41 01,47	17 57,75	222,6	11,5	1773	KP - - - - - 2		0,28	1	Drumstick	
"	"	"	11 32	41 03,45	17 54,22	231,0	11,6	1599	KP - K - P - - 7		0,13	1	"	
"	"	"	11 50	41 05,50	17 51,45	228,8	11,3	1758	KP - - - - - 2		0,28	1	"	
"	"	"	11 56	41 06,12	17 50,51	228,4	11,6	1769	KP - - - - - 2		0,00	1	"	Stiller A/fall.
"	"	"	12 00	41 06,96	17 49,66	227,6	12,0	1296	KPK - P - - - 5		0,25	1	"	
"	"	"	12 30	41 10,09	17 48,20	231,7	11,9	1302	KPK - P - - - 5		0,25	1	"	1235 meter length on 4ms.
"	"	"	12 52	41 12,35	17 44,34	232,2	11,6	1582	KP - - - - - 2		0,38	4	"	
"	"	"	12 55	41 12,66	17 43,82	232,6	11,5	1515	KPK - P - - - 5		0,25	4	"	
"	"	"	12 59	41 13,08	17 43,08	232,5	11,7	1500	KP - - - - - 2		0,00	4	"	
"	"	"	13 02	41 13,41	17 42,51	232,5	11,7	1400	KP - - - - - 2		0,25	4	"	
"	"	"	13 13	41 14,56	17 40,54	232,6	11,4	1524	KP - K - P - - 7		0,00	4	"	
"	"	"	13 17	41 14,98	17 39,89	232,5	11,4	1482	KP - K - P - - 7		0,38	4	"	
"	"	"	13 27	41 15,97	17 38,47	231,0	11,6	1623	KP - K - P - - 7		0,00	4	"	
"	"	"	13 33	41 16,56	17 37,17	232,0	11,7	1936	KP - - - - - 2		0,25	4	"	
"	"	"	13 59	41 17,59	17 34,97	231,7	11,7	1500	KP - - - - - 2		0,00	4	"	
"	"	"	14 08	41 20,56	17 34,88	233,3	11,7	1752	KP - - - - - 2		0,38	4	"	
"	"	"	14 38	41 27,19	17 29,36	235,4	11,5	1628	KP - - - - - 2		0,00	4	"	
"	"	"	15 00	41 25,08	17 25,71	235,2	11,7	1592	KP - - - - - 2		0,00	4	"	



Roll No	Zeit Nr.	Datum	Zeit (UTC)	Lat. S	Long E	Kurs	Geschw.	Wasserdichte
1	70/652	25.12.88	15:00	41 25.92	17 24.09	239.1	11.4	4903
"	"	"	15:19	41 26.72	17 22.53	235.5	11.1	4742
"	"	"	15:23	41 27.07	17 21.86	235.7	11.4	4622
"	"	"	15:30	41 28.39	17 22.30	229.2	11.3	4590
"	"	"	15:35	41 29.25	17 20.35	217.6	11.2	4376
"	"	"	15:45	41 30.16	17 20.44	217.8	11.3	4229
"	"	"	16:00					4902
"	"	"	16:04	41 32.38	17 18.78	214.5	10.3	5502
"	"	"	16:19	41 34.65	17 16.03	216.7	11.1	5340
"	"	"	16:30	41 36.11	17 14.77	211.9	11.5	5472
"	"	"	16:40	41 37.35	17 13.74	212.4	11.1	5077
"	"	"	17:10	41 41.40	17 07.83	218.8	10.8	4960
"	"	"	17:21	41 44.27	17 04.48	229.2	10.4	4790
"	"	"	18:00	41 46.99	16 59.36	231.0	10.8	4575
"	"	"	18:20	41 46.79	16 58.02	238.0	11.0	5080
"	"	"	18:26	41 49.35	16 54.71	240.4	10.7	5115
"	"	"	18:35	41 48.97	16 50.90	240.1	10.7	5263
"	"	"	18:46	41 49.93	16 48.64	240.5	11.1	5191
"	"	"	18:56	41 50.56	16 46.68	242.4	11.5	4850
"	"	"	19:16	41 52.41	16 43.05	230.4	11.2	4833
"	"	"	19:36	41 54.56	16 39.68	228.7	10.8	4711
"	"	"	19:47	41 55.87	16 37.65	229.2	10.9	4530
"	"	"	19:48	"	"	"	"	4417
"	"	"	19:53	41 56.48	16 36.69	229.9	10.9	4417
"	"	"	19:57	41 57.00	16 35.82	230.5	11.5	4050
"	"	"	20:01	41 57.37	16 35.60	230.9	11.2	5414

Triggerfolge	Sweeps	Delay	guldskulpt	Protokoll	Bemerkungen
KP-----2		0.25	4		Dainate
KP-----2		0.38	4		Bairler
KP-K-P-7		0.25	4		Bairler
KP-K-P-7		0.25	4		"
KP-K-P-7		0.38	4		"
KP-----2		0.13	4		"
KP-----2		0.38	4		"
KP-----2		0.38	4		"
KPK-P--5		0.00	4		"
KPK-P--5		0.00	4		"
KP-----2		0.00	4		Kubig
KP-----2		0.13	4		Bairler
KP-----2		0.25	4		"
KP-----2		0.25	4		Bairler
KP-----2		0.13	4		"
KPK-P--5		0.25	4		"
KPK-P--5		0.25	4		"
KPK-P--5		0.25	4		"
KP-----2		0.25	4		"
KP-----2		0.25	4		"
KP-K-P-7		0.00	4		"
KP-K-P-7		0.13	4		"
KP-K-P-7		0.25	4		"
KP-----2		0.25	4		"
KPK-P--5		0.13	4		"

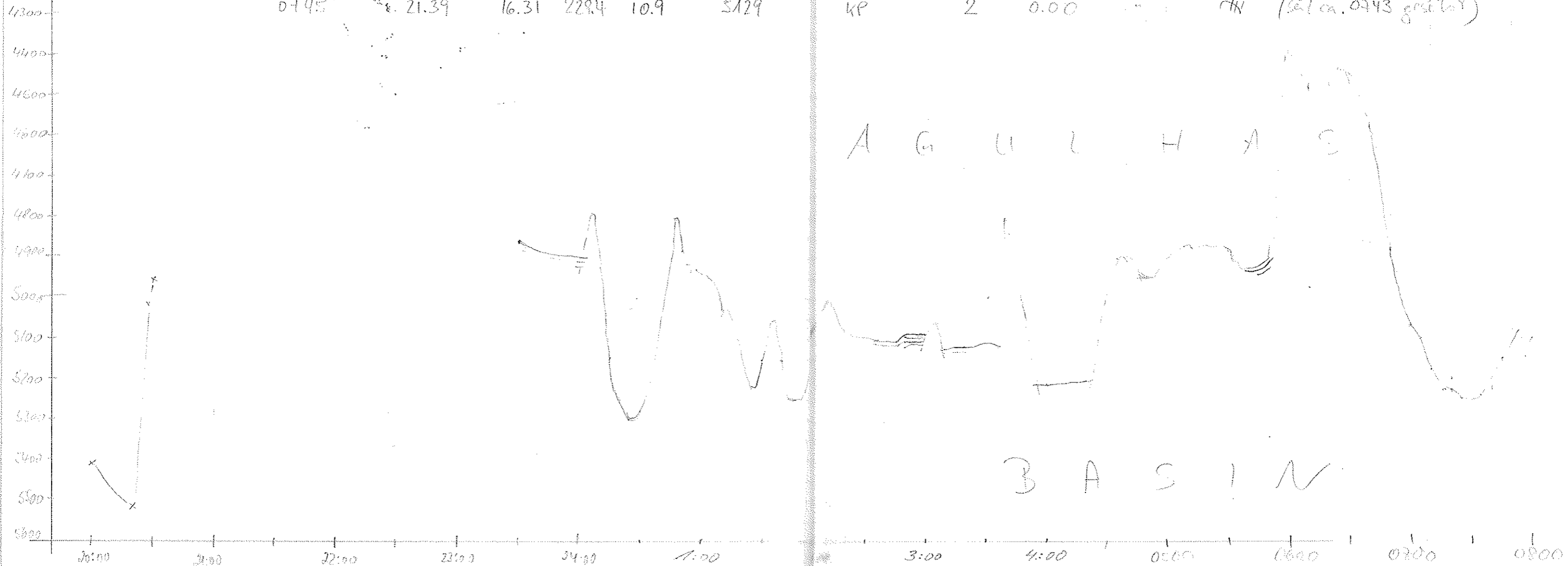


Polle Nr.	Trabit Nr.	Datum	Zeit (UTC)	Lat S	Long E	Kurs	fachw.	Wasserhöhe	Triggerfolge, Sweeps	Delay	puls length	Protoll	Bemerkungen
1	40/652	28.12.86	20:19	41°59.50	1634.93	229.4	11.3	5836	KPK-P-- 5	0.00	4	Bestes	
"	"	"	20:29	42°00.65	1630.72	229.3	11.0	5020	KPK-P-- 5	0.38	4	"	
"	"	"	10:32	42°00.98	1629.61	228.6	11.8	4955	KP----- 2	0.13	4	"	
"	"	"	20:40	42°02.90	16°27.72	-	-	-	-	-	-	-	Papier + Röhren gewechselt, Schreiber defekt
2	"	"	23:37	42°22.67	15°57.04	234.0	10.9	4857	KP	0.25	4	Nied.	
"	"	29.12.86	0:00	42°25.53	15°46.30	229.5	11.4	4915	KP	0.25	4	"	
"	"	"	0:17	42°27.65	15°43.00	239.1	11.8	5200	KP	0.00	4	"	
"	"	"	0:26	42°28.78	15°47.29	230.6	11.0	5300	KPK-P	0.25	4	"	
"	"	"	0:36	42°30.13	15°39.75	229.9	11.7	4918	KP	0.00	"	"	
"	"	"	0:39	42°30.23	15°38.84	228.6	11.5	4770	KP	0.38	"	"	
"	"	"	1:10	42°33.98	15°33.16	227.0	11.0	5035	KP	0.00	"	"	
"	"	"	1:48	42°39.03	15°25.26	230.8	11.0	5224	KPK-P	0.25	"	"	
"	"	"	2:05	42°40.96	15°22.80	227.9	11.2	5082	KP	0.25	"	"	
"	"	"	2:15	42°42.16	15°20.91	229.8	10.8	5096	KP	0.00	"	"	
"	"	"	2:51	42°46.57	15°13.96	228.7	10.6	5132	"	"	"	"	
"	"	"	3:30	42°52.67	15°08.86	233.7	10.2	5109	"	"	"	"	
"	"	"	4:00	42°56.07	15°02.78	233.4	10.7	5216	"	"	"	"	
"	"	"	4:32	43°00.24	14°56.04	232.0	11.2	4977	KP	0.00	4	#	
"	"	"	05:00	43°03.53	14°50.11	232.1	11.1	4913	KP	"	4	#	
"	"	"	05:10	43°04.75	14°47.29	232.4	11.8	4884	KP	0.25	"	#	
"	"	"	05:40	43°08.31	14°42.58	234.1	11.4	4882	KP	"	"	#	
"	"	"	05:52	43°10.18	14°39.08	233.7	11.1	4560	KP-K-P-	0.00	"	#	
"	"	"	06:00	43°10.69	14°38.12	234.8	11.6	4383	KP-K-P-	0.38	"	#	
"	"	"	06:30	43°13.49	14°32.49	235.9	11.1	4505	"	0.00	"	#	
"	"	"	06:50	43°15.31	14°27.87	234.3	11.0	~4700	KP	0.25	"	#	
"	"	"	07:00	43°16.73	14°25.29	235.4	11.6	5074	KP	0.00	"	#	
"	"	"	07:30	43°19.41	14°19.54	234.4	10.6	5263	KP-K-P	0.13	"	#	
"	"	"	07:45	43°21.39	14°16.31	229.4	10.9	5129	KP	0.00	"	#	

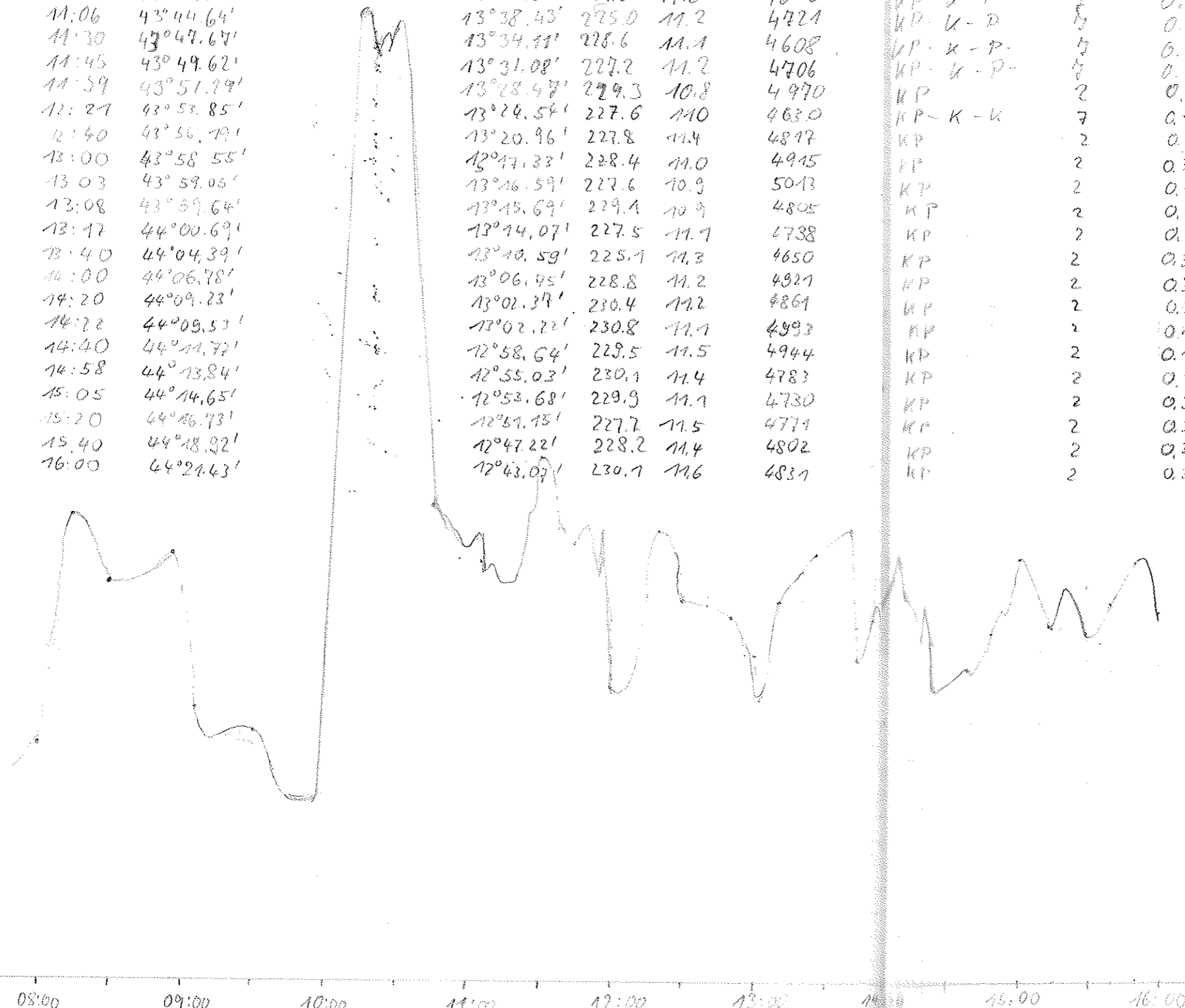
Papier + Röhren gewechselt, Schreiber defekt

? Problem mit d. Batterie?
Indes-Zeit steht um 06:00 an / 06:22
(bis 06:29)

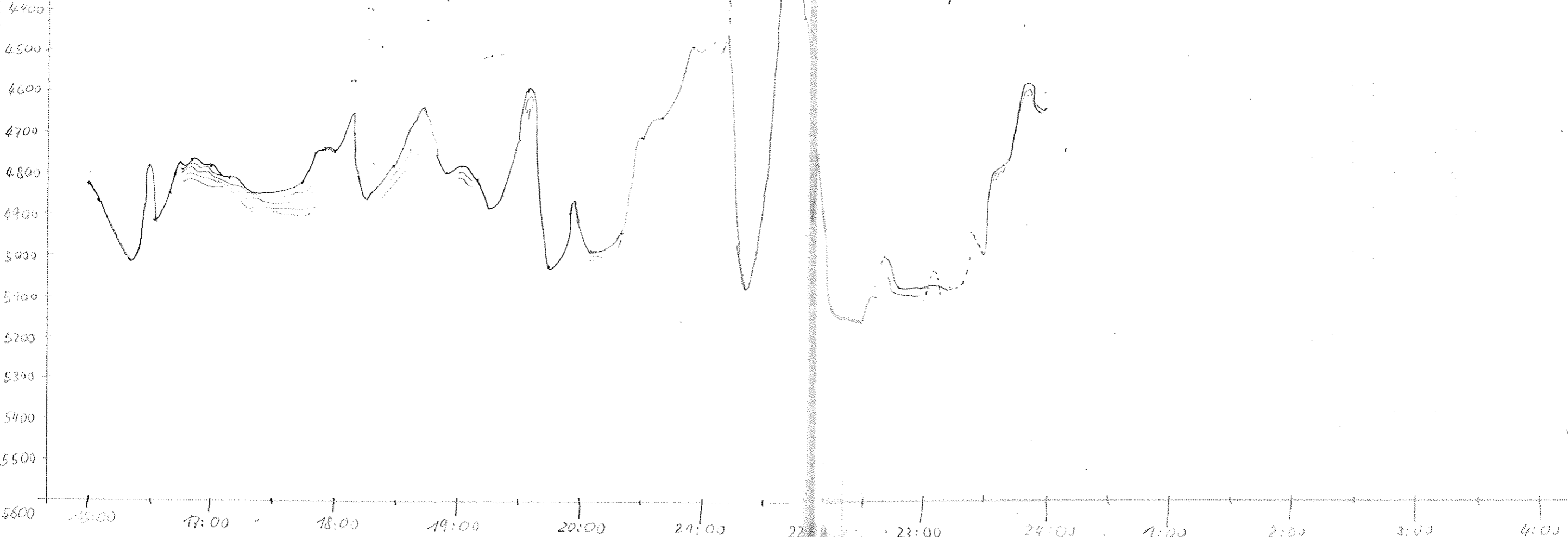
(seit 07:20 gestört)
(seit ca. 07:43 gestört)



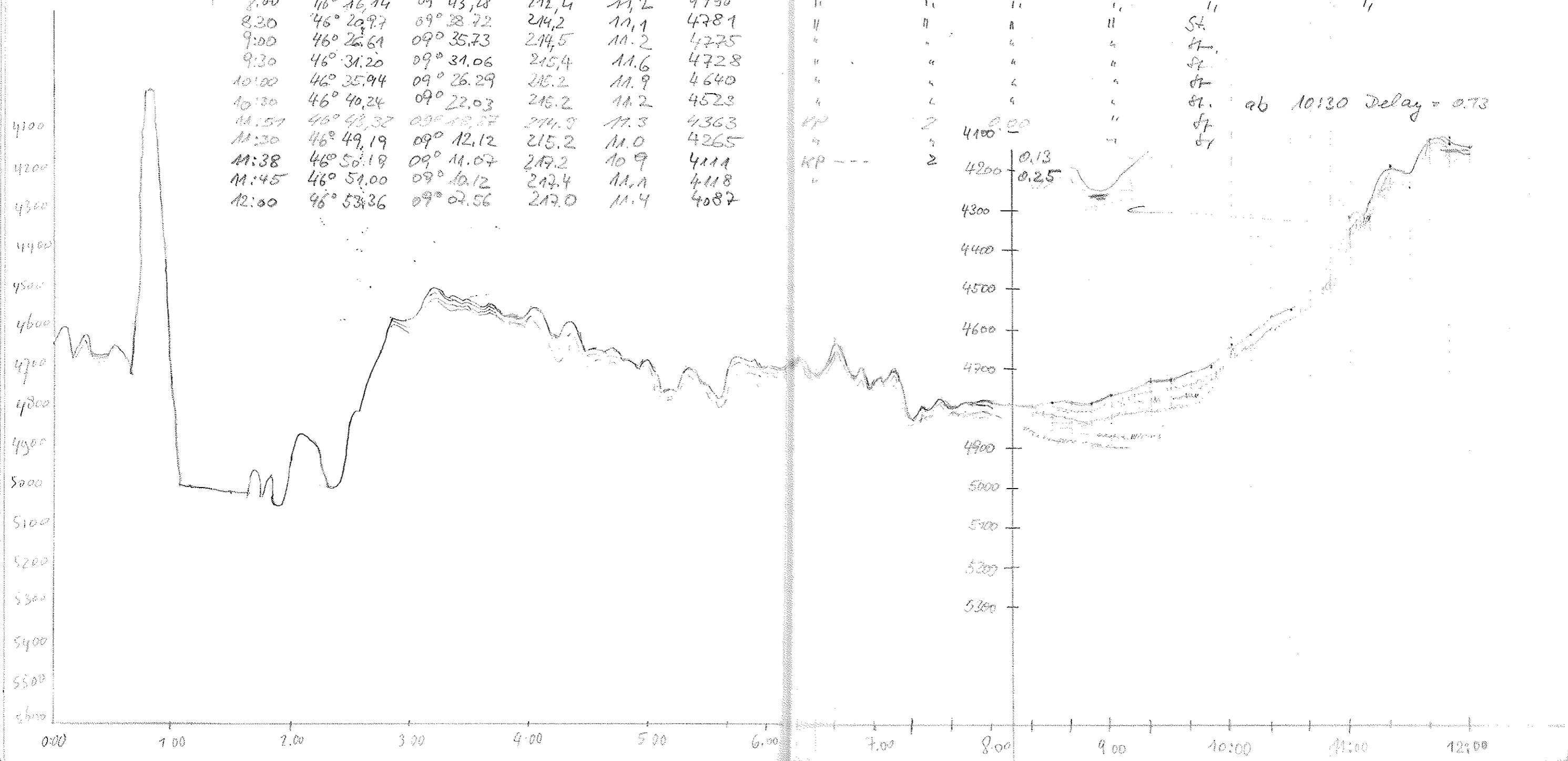
Rolle Nr.	Profil	Datum, Zeit (GMT)	Lat S	Long E	Kurs	Gesch.	Wassertiefe	Triggerfolge	Sweeps	Delay	Pulse Length	Prof.	Bemerkungen
2	10/652	29.12. 07:52	43° 22.02'	14° 15.28'	229.7°	11.2	5086	KP	2	0.00	4.0	N.	(silca. 0743 gachst)
		1986 08:00	23.00	13.68	230.3	10.6	5100	"	"	"	"	N.	
		08:15	24.89	10.61	230.7	11.2	4623	KP-K-P-	7	0.13	4.0	N.	
		08:30	26.58'	07.88	229.3	11.1	4766	KP	2	0.38	4.0	N.	
		08:50	43° 28.93'	14° 04.06'	229.4	11.1	4696	KP-V-P-	4	0.38	4.0	N.	
		09:08	43° 30.63'	14° 00.62'	230.6	11.2	5059	KP	2	0.00	4.0	N.	
		09:30	43° 33.14'	13° 56.35'	230.7	11.2	5083	KP	2	0.00	4.0	N.	
		09:42	43° 34.55'	13° 53.98'	230.1	11.2	5221	KPK-P	5	0.38	4.0	N.	
		10:00	43° 36.58'	13° 50.38'	230.6	10.5	5264	KPK-P	5	0.38	4.0	N.	
		10:08	43° 37.53'	13° 48.81'	226.8	11.0	4213	KPK-P	5	0.38	4.0	N.	
		10:15	43° 38.35'	13° 47.60'	226.9	11.2	3569	KP.	3	0.38	4.0	N.	von 10 ⁰⁰ bis ca. 10.15 kein Signal auf dem 3.5 kHz Lot w/ Stillhang
3500		10:36	43° 40.96'	13° 43.76'	227.1	11.1	3830	KP-K-P-	7	0.00	4.0	N.	
		10:47	43° 42.29'	13° 41.63'	229.6	11.0	4616	KP-V-P-	4	0.00	4.0	N.	
3600		11:06	43° 44.64'	13° 38.43'	225.0	11.2	4721	KP-K-P-	7	0.00	4.0	N.	
		11:30	43° 47.67'	13° 34.11'	228.6	11.1	4608	KP-K-P-	7	0.25	4.0	N.	
3700		11:45	43° 49.62'	13° 31.08'	227.2	11.2	4706	KP-K-P-	7	0.00	4.0	N.	
		11:59	43° 51.79'	13° 28.47'	229.3	10.8	4970	KP	2	0.25	4.0	N.	
3800		12:27	43° 52.85'	13° 24.54'	227.6	11.0	4630	KP-K-K	7	0.13	4.0	N.	
		12:40	43° 56.79'	13° 20.96'	227.8	11.4	4877	KP	2	0.38	4.0	N.	
3900		13:00	43° 58.55'	13° 17.32'	228.4	11.0	4915	KP	2	0.38	4.0	N.	
		13:03	43° 59.05'	13° 16.59'	227.6	10.9	5013	KP	2	0.13	4.0	N.	
4000		13:08	43° 59.64'	13° 15.69'	229.1	10.9	4805	KP	2	0.25	4.0	N.	
		13:17	44° 00.69'	13° 14.07'	227.5	11.7	4738	KP	2	0.38	4.0	N.	
4100		13:40	44° 04.39'	13° 10.59'	225.1	11.3	4650	KP	2	0.38	4.0	N.	
		14:00	44° 06.78'	13° 06.95'	228.8	11.2	4927	KP	2	0.38	4.0	N.	
4200		14:20	44° 09.23'	13° 02.37'	230.4	11.2	4861	KP	2	0.38	4.0	N.	
		14:22	44° 09.53'	13° 02.22'	230.8	11.7	4893	KP	2	0.13	4.0	N.	
4300		14:40	44° 11.72'	12° 58.64'	229.5	11.5	4944	KP	2	0.13	4.0	N.	
		14:58	44° 13.84'	12° 55.03'	230.1	11.4	4783	KP	2	0.38	4.0	N.	
4400		15:05	44° 14.65'	12° 53.68'	229.9	11.7	4730	KP	2	0.38	4.0	N.	siehe "Sibilla" auf dem Poster
		15:20	44° 16.73'	12° 51.15'	227.7	11.5	4771	KP	2	0.38	4.0	N.	
4500		15:40	44° 18.92'	12° 47.22'	228.2	11.4	4802	KP	2	0.38	4.0	N.	
		16:00	44° 21.43'	12° 43.07'	230.7	11.6	4837	KP	2	0.38	4.0	N.	



Roll No.	Profil	Datum, Zeit (GMT)	Lat. S'	Long. E.	Kurs	Geschw.	Wauertyp.	Triggerfolge	Sweeps	Delay	Pulse Length	Prof.	Bemerkungen
2	10/652	29.12. 16:06	44° 22' 04"	12° 47' 46"	229.0°	11.2	4866	K P	2	0.13	4.0	Ti	
		16:20	23.65'	38.81'	230.8	11.2	5008	K P	2	0.13	4.0	Ti	
		16:37	24.87'	36.76'	229.5	11.1	4780	K P	2	0.13	4.0	Ti	
		16:40	25.91'	35.01'	231.6	11.2	4852	K P	2	0.13	4.0	Ti	
		16:42	26.22'	34.48'	230.8	11.2	4808	K P	2	0.38	4.0	Ti	"schwarze Substanz"
		16:50	27.08'	33.07'	230.0	11.0	4768	K P	2	0.25	4.0	Ti	
		17:00	28.24'	31.05'	229.3	11.2	4784	K P	2	0.25	4.0	Ti	
		17:30	31.52'	25.05'	230.8	11.2	4854	K P	2	0.25	4.0	Ti	
		18:00	34.77'	19.46'	231.1	11.4	4748	K P	2	0.25	4.0	Ti	"unheimliche" schwarze Punkte
		18:10	36.30'	17.04'	227.1	11.3	4700	K P	2	0.35	4.0	Gr	
		18:29	38.38'	13.76'	228.1	11.5	4770	K P	2	0.25	4.0	Ti	
		18:37	39.26'	12.34'	227.4	11.3	4682	K P-K-P	7	0.00	4.0	Ti	
		18:55	41.46'	08.80'	228.4	11.0	4783	K P-K-P	7	0.00	4.0	Ti	
		19:12	43.41'	05.69'	227.9	11.7	4839	K P	2	0.25	4.0	Ti	
		19:30	45.71'	01.93'	229.7	11.3	4772	K P-K-P	7	0.00	4.0	Ti	
		19:46	47.60'	11° 54' 04"	229.2	11.6	5030	K P	2	0.13	4.0	Ti	
		20:24	52.30'	51.46'	228.5	11.2	4770	K P	2	0.38	4.0	MK	Bodenlinie nicht sichtbar
		20:28	51.83'	50.62'	228.5	11.3	4740	K P-K-P-	7	0.00	4.0	MK	
		20:54	55.89'	45.83'	228.6	11.2	4480	K P-K-P-	7	0.25	4.0	MK	
		21:15	58.62'	41.63'	227.9	10.7	4760	K P-K-P-	7	0.00	4.0	MK	
		21:21	59.22'	40.70'	228.9	11.0	4300	K P	2	0.38	4.0	MK	
		21:24	59.66'	40.63'	228.7	11.0	5080	K P	2	0.00	4.0	MK	
		21:30	45° 00.27'	39.11'	227.6	11.2	4860	K P	2	0.38	4.0	MK	
4100		21:36	1.28'	37.60'	226.5	11.0	4400	K P-K-P-	7	0.38	4.0	MK	
		21:58	1.62'	37.04'	226.2	10.8	4640	K P	2	0.38	4.0	MK	Only side-reflections
4100		22:14	5.50'	36.51'	226.2	11.3	5110	K P	2	0.13	4.0	MK	
		22:19	6.01'	29.70'	230.7	11.0	5160	K P	2	0.00	4.0	MK	
4300		23:35	14.80'	15.21'	226.5	11.3	4780	K P	2	0.25	4.0	MK	
		23:45	15.58'	13.25'	226.8	11.5	4660	K P-K-P-	7	0.00	4.0	MK	



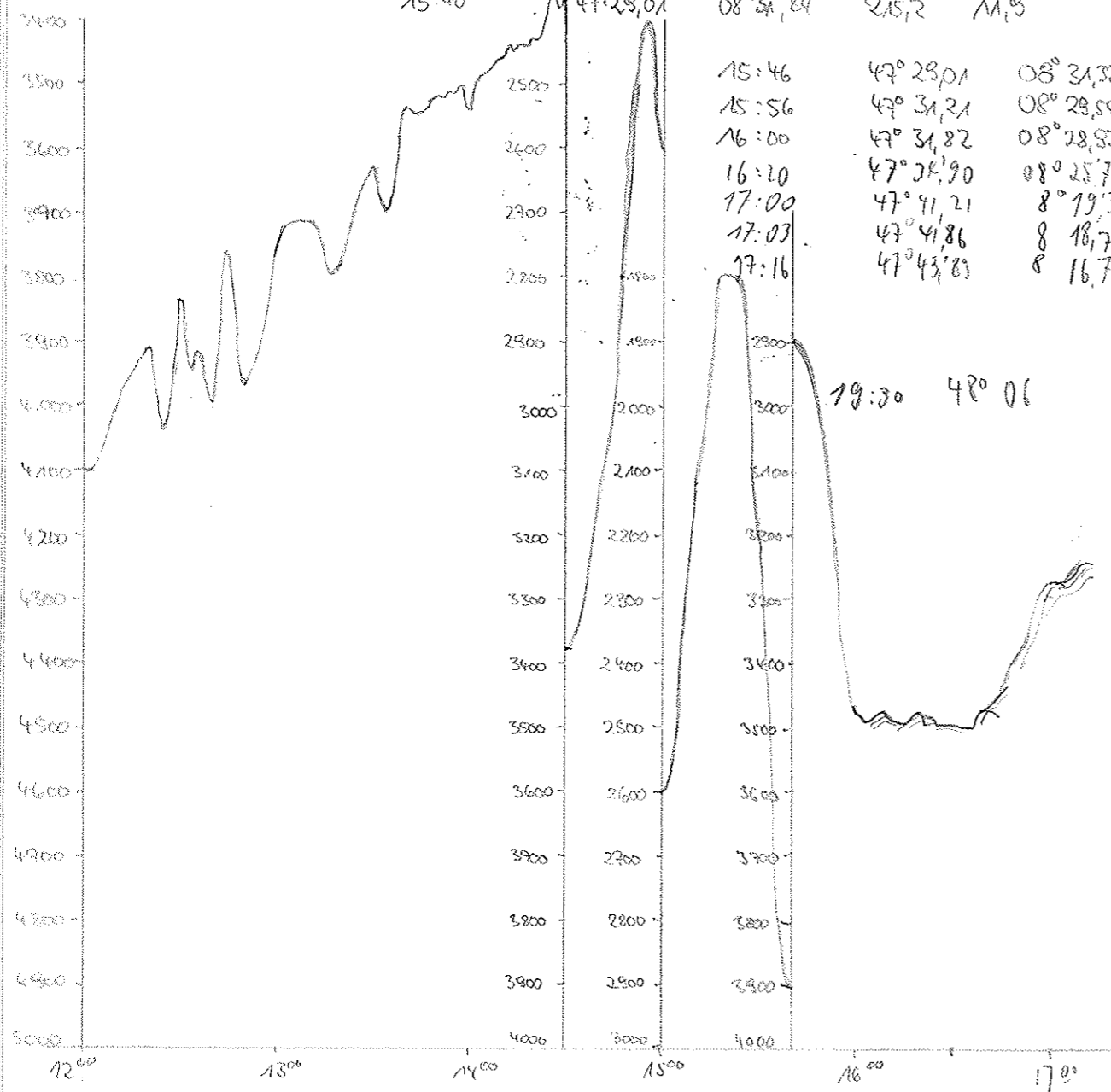
Roll No.	Profile	Date	Time (UTC)	Lat. S	Long. E	Kurs	Geschw.	Wassertiefe	Signifolge	Sweeps	Delay	Pulse Length	Protok.	Bemerkungen
2	10/652	30.12.86	0:00	45° 47,94	11° 10,10	229,8	11,4	4640	KP-R-P-	7	0,00	4	Kalbra	
			0:30	45° 21,12	11° 04,94	229,7	11,1	4661	"	"	"	"	"	unsaubere Aufzeichnung
			0:44	45° 22,76	11° 02,24	229,5	11,5	4575	KP	2	0,00	4	"	Schreibströmen gereinigt
			1:00	45° 24,82	10° 58,75	230,5	11,4	4742	KP	2	0,00	4	"	unsaubere Aufzeichnung durch Clock-zeit
			1:30	45° 28,30	10° 52,33	231,1	11,3	5022	KP	2	0,00	4	"	
			2:00	45° 31,53	10° 47,32	229,4	11,4	4953	P	2	0,00	4	"	
			2:30	45° 35,24	10° 40,87	230,9	11,1	4842	P-K-P	7	0,00	4	"	
			3:00	45° 38,64	10° 35,14	228,5	11,0	4567	"	"	"	"	"	
			3:30	45° 42,52	10° 28,71	228,4	10,7	4535	"	"	"	"	"	
			4:00	45° 45,94	10° 23,19	227,7	10,9	4590	KP-K-P----	7	0,00	4	Henriet	10 minutes' marker put manually on EPC (clock gives bursts)
			4:30	45° 49,56	10° 17,54	228,4	10,6	4649	"	"	"	"	"	"
			5:00	45° 53,19	10° 11,94	226,8	10,1	4687	"	"	"	"	"	"
			5:30	45° 55,84	10° 07,68	231,6	06,8	4746	"	"	"	"	"	"
			6:00	45° 59,00	10° 01,66	233,9	11,1	4697	"	"	"	"	"	"
			6:30	46° 02,66	09° 56,02	214,9	10,3	4718	"	"	"	"	"	"
			7:00	46° 06,94	09° 51,89	213,9	10,7	4750	"	"	"	"	"	"
			7:30	46° 11,50	09° 47,53	213,0	10,9	4793	"	"	"	"	"	"
			8:00	46° 16,14	09° 43,28	212,4	11,2	4790	"	"	"	"	"	"
			8:30	46° 20,97	09° 38,72	214,2	11,1	4781	"	"	"	"	"	"
			9:00	46° 26,61	09° 35,73	214,5	11,2	4775	"	"	"	"	"	"
			9:30	46° 31,20	09° 31,06	215,4	11,6	4728	"	"	"	"	"	"
			10:00	46° 35,94	09° 26,29	215,2	11,9	4640	"	"	"	"	"	"
			10:30	46° 40,24	09° 22,03	215,2	11,2	4522	"	"	"	"	"	ab 10:30 Delay = 0.73
			11:00	46° 43,32	09° 18,57	214,9	11,3	4363	KP	2	0,00	"	"	"
			11:30	46° 49,19	09° 12,12	215,2	11,0	4265	"	"	"	"	"	"
			11:38	46° 50,19	09° 11,07	219,2	10,9	4111	KP---	2	0,13	"	"	"
			11:45	46° 51,00	09° 10,12	217,4	11,1	4118	"	"	0,25	"	"	"
			12:00	46° 53,36	09° 02,56	217,0	11,4	4087	"	"	"	"	"	"



Rolle Nr	Hafel	Datum	Zeit (UTC)	lat. S	Long. E	Kurs	Geschw.	Wassertiefe	Triggersfolge	Sweeps	Delay	Rise/Length	Protokoll	Bemerkungen
2	10/682	30.12.86	12:15	46° 55,49	08° 05,36	214,7	11,6	3986	KP---	2	0,25	4,0	Hain	
			12:17	46° 55,78	08° 05,05	213,8	11,2	3819	" -	2	0,38	4,0		
			12:20	46° 56,32	08° 04,52	214,8	11,5	3893	KP---	3	0,00	4,0		
			12:30	46° 57,84	08° 03,00	214,1	11,2	3937	KP---	3	0,00	4,0		
			13:00	47° 03,01	08° 58,15	213,2	11,1	3836	KP---	3	0,00	4,0		
			13:02	47° 03,48	08° 57,90	213,8	11,2	3730	KP---	2	0,13	4,0		
			13:27	47° 07,30	08° 54,19	214,5	11,2	3668	KP---	3	0,25	4,0		
			13:30	47° 07,76	08° 53,70	215,8	11,6	3652	KP---	2	0,25	4,0		
			13:40	47° 08,38	08° 52,00	215,6	11,5	3602	KP---	3	0,38	4,0		
			14:00	47° 12,52	08° 48,78	215,4	11,5	3550	KP---	3	0,38	4,0		
			14:10	47° 14,07	08° 47,17	215,5	11,3	3489	KP---	2	0,00	4,0		
			14:25	47° 16,71	08° 44,68	213,4	11,9	3515	KP---	2	0,13	4,0		
			14:30	47° 17,34	08° 44,04	214,2	11,3	3386	KP---	2	0,13	4,0		
			14:40	47° 19,01	08° 42,35	214,1	11,6	3336	KP---	2	0,38	4,0		
			14:45	47° 19,81	08° 41,54	214,4	11,6	2964	K-P---	3	0,13	4,0		
			14:56	47° 21,61	08° 39,72	214,1	11,5	2443	KP---	2	0,38	4,0		
			15:00	47° 22,21	08° 39,10	214,2	11,7	2553	KP---	2	0,38	4,0		
			15:05	47° 23,24	08° 38,06	213,6	11,4	2337	KPKP	5	0,38	4,0		
			15:20	47° 25,40	08° 35,75	217,1	11,4	1844	KP---	2	0,13	4,0		
			15:30	47° 27,01	08° 34,00	215,4	11,6	2233	KPKP---	5	0,13	4,0		
15:37	47° 28,07	08° 32,86	216,4	11,7	2988	KP---	2	0,25	4,0					
15:40	47° 28,01	08° 31,84	215,2	11,8	2893	KP---	2	0,00	4,0					

Rolle 2 Ende

Rolle 2 Ende



15:46	47° 28,01	08° 31,32	215,1	11,5	3223	K-P---	3	0,00	4,0
15:56	47° 31,21	08° 29,54	215,3	11,7	3453	KP---	2	0,13	4,0
16:00	47° 31,82	08° 28,53	212,7	11,7	3497	KP---	2	0,13	4,0
16:20	47° 34,90	08° 25,77	213,7	11,4	3107	"	"	"	"
17:00	47° 41,21	08° 19,39	214,0	12,7	3288	"	"	"	"
17:03	47° 41,86	08° 18,75	212,3	11,1	3220	KP---	2	0,25	"
17:16	47° 43,83	08° 16,71	214,6	11,7	3178	KP---	2	0,38	"
					3097	K-P	3		

Reparatur

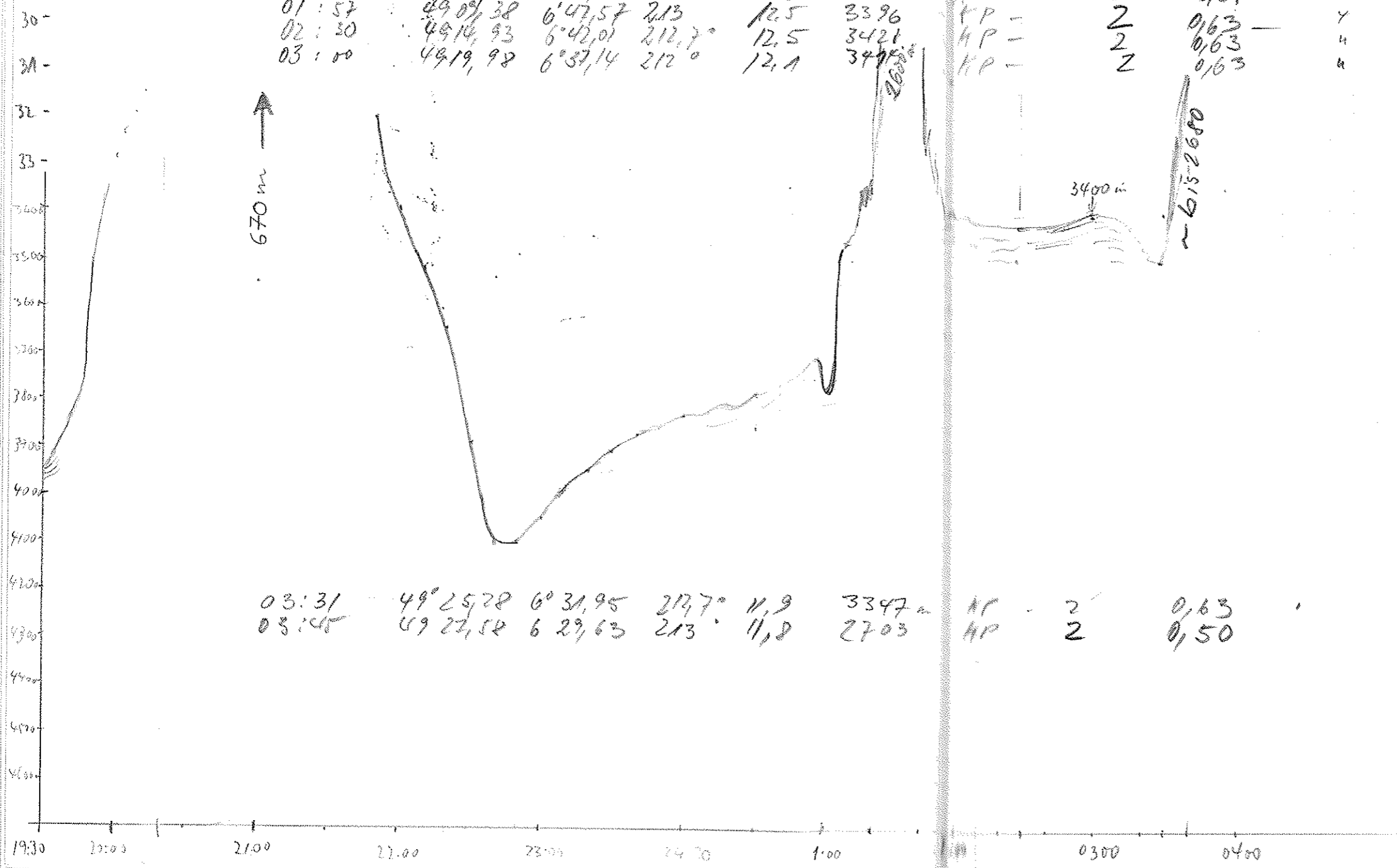
Synchronmotor defekt

Papier läuft nicht richtig

Zu Anzeichen der Transportprobl.

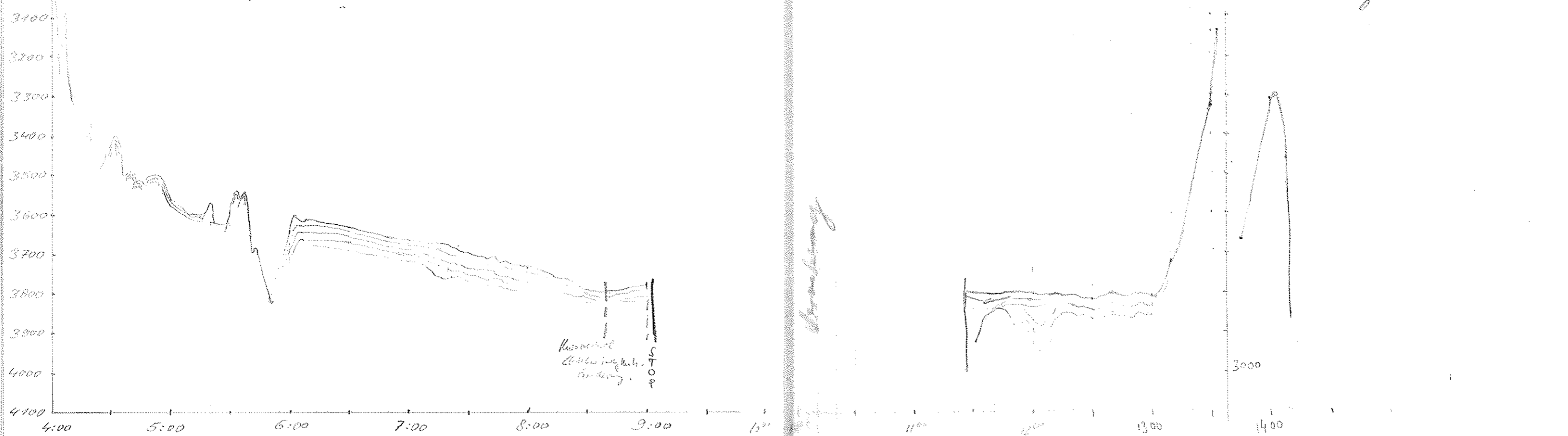
Transportprobl

Rolle Nr.	Raufel	Datum	Zeit [UTC]	Lat. S	Long. E	Kurs	Geschw.	Wassertiefe	Triggerfolge	Sweeps	Delay	Palat Length	Protokoll	Bemerkungen
3	10/652	30.12.86	19:33	48°06,24	7°54,24	213	12,1	3962	KP -	3	0,38	4	Ma	Tiefenbereich auf Resonanz falsch
			21:30	48°29,32	7°31,08	215	12,8	3200	KP -	3	0,0	4	E-Wand	Triggerfolge defekt
			22:00	30,9	29,38	214	13	3400	KP -	3	0,5	4	"	"
			22:10	32,3	27,8	215	12,5	3688	KP -	3		4	"	"
			22:20	33,9	26,0	215	12,3	3704	KP -	3		4	"	"
			22:30	35,9	23,9	216	12,4	3922	KP -	3		4	"	"
			22:40	37,5	22,2	216	12,7	4147	KP -	3		4	"	"
			22:50	39,0	20,6	217	12,6	4098	KP -	3		4	"	"
			23:00	40,7	18,7	216,5	13,0	4046	KP -	3		4	"	"
			23:10	42,8	16,8	215	12,8	3974	KP -	3	0,88	4	"	"
			23:20	44,6	14,5	215	12,4	3945	KP -	3	0,88	4	"	"
			23:30	45,7	13,3	216	12,7	3903	KP -	3	0,88	4	"	"
			23:40	47,0	11,8			3862						
			23:50	48,5	10,4	213	12,5	3849	KP -	3	0,75	4	"	"
			0:00	50,6	08,2	214	12,7	3829	KP -	3	0,75	4	"	"
3	10/652	31.12	00:30	48°55,73	7°02,93	212	12,6	3771	KP -	3	1,75	4	Ma	starke Wassertiefenwechsel
			01:04	49°01,33	6°57,51	211,7	12,4	3480	KP -	3	0,75/0,5	4	"	"
			01:31	49°04,84	6°51,16	211	12,5	2820	KP -	3	0,5	4	"	"
			01:57	49°09,38	6°47,57	213	12,5	3396	KP -	2	0,63	4	"	"
			02:30	49°14,93	6°42,01	212,7	12,5	3421	KP -	2	0,63	4	"	"
			03:00	49°19,98	6°37,14	212	12,1	3494	KP -	2	0,63	4	"	"
			03:31	49°25,28	6°31,95	217,7	11,9	3397	KP -	2	0,63			sehr steiler Anstieg
			03:45	49°27,52	6°29,63	213	11,8	2703	KP -	2	0,50			"



sehr steiler Anstieg
" " "

All No.	Profil	Dat.	Zeit (UTC)	Lat. (S)	Long. (E)	Kurs	Gesch.	Wassert.	Triggerfolge	Sweep	Delay	Pulse	Protokollant	Remarks	
3	10/652	31.12	04:00	49° 30' 11	06 27, 17	212,5	11,8	3007	HP - - - -	2	00,00	10,5	4	Hause	
"	"	"	4:12	49° 31, 83	6 25, 49	212,5	11,6	3209	KP	2	0,38	10,5	"	Niederjäger	
"	"	"	4:24	49 33, 82	5 23, 55	213,4	11,8	3480	KP	2	0,00	10,5	"	"	
"	"	"	5:00	49 39, 70	6 17, 87	211,6	11,5	3560	KP	2	0,00	10,5	"	"	
"	"	"	5:30	49 45, 43	6 12, 63	215,5	10,7	3626	KP	2	"	"	"	"	
"	"	"	5:48	49 48, 03	6 09, 47	213,8	11,6	3815	HP -	3	"	"	"	"	
"	"	"	5:54	49 48, 99	6 08, 43	215,6	11,9	3769	"	"	0,25	10,5	4	"	
"	"	"	6:30	49 54, 94	6 02, 82	211,8	10,0	3637	"	"	"	"	"	"	
"	"	"	6:52	49 57, 40	6 00, 26	214,7	4,1	3664	"	"	"	"	"	"	Magnetometer wird eingedr.
"	"	"	7:25	49 59, 02	5 57, 84	219,9	8,0	3678	"	"	"	"	"	"	7:14 Magnetometer eingedr.
"	"	"	8:00	50 03, 57	5 50, 47	205,7	11,0	3748	"	"	"	"	"	"	
"	"	"	8:20	50 09, 16	5 46, 57	203,9	11,2	3793	"	"	"	"	"	"	Damask
"	"	"	8:40	50 10, 61	5 45, 16	315,4	10,0	3802	"	"	"	"	"	"	Kurswechsel mit Geräusch Magnet.
"	"	"	8:55	50 08, 67	5 46, 29	21,4	9,7	3785	"	"	"	"	"	"	um 1800
"	"	"	9:01	50 07, 85	5 46, 82	445	9,7	3794	"	"	"	"	"	"	Kurswechsel auf alten Kurs.
"	"	"	9:06	50 08, 08	5 47, 20	83,2	0	3785	"	"	"	"	"	"	STOT Aufzeichnung (Verankert)
"	10/654	"	11:26	50 09, 50	5 45, 85	200	40	3787	"	"	"	"	"	"	Beginn der Aufzeichnung, Fahrt wird aufgegeben
"	"	"	11:53	50 11, 18	5 44, 99	197,3	6,5	3805	"	"	"	"	"	"	Nimmt Fahrt auf
"	"	"	12:00	50 12, 06	5 44, 53	197,3	6,8	3802	"	"	0,00	10,5	4	"	
"	"	"	12:30	50 16, 57	5 42, 08	199,9	10,2	3818	"	"	"	"	"	"	Moon
"	"	"	13:00	50 21, 32	5 39, 43	198,9	10,4	3809	"	"	"	"	"	"	
"	"	"	13:13	50 23, 69	5 38, 11	199,4	10,3	3722	"	"	0,13	10,5	"	"	
"	"	"	13:19	50 24, 55	5 37, 64	199,6	10,3	3583	"	"	0,25	10,5	"	"	
"	"	"	13:21	50 24, 79	5 37, 51	199,4	10,3	3525	"	"	0,38	10,5	"	"	
"	"	"	13:24	50 24, 24	5 37, 25	200,3	10,2	3458	"	2	0,25	10,5	"	"	
"	"	"	13:32	50 26, 47	5 36, 55	199,2	10,1	3329	"	"	"	"	"	"	
"	"	"	13:34	50 26, 94	5 36, 28	199,4	10,3	3145	K-P - - - -	3	0,00	10,5	"	"	
"	"	"	13:38	50 27, 59	5 35, 81	201,5	10,2	2864	K-P - - - -	3	0,38	10,5	"	"	
"	"	"	13:45	50 28, 61	5 35, 32	200,0	10,5	2668	KP	2	0,25	10,5	"	"	
"	"	"	13:52	50 30, 28	5 32, 83	201,2	9,9	2427	KPKP - - - -	5	0,13	10,5	"	"	Neue Stylen Belt
"	"	"	14:06	50 31, 29	5 32, 15	199,8	10,1	2314	"	"	"	"	"	"	
3000	"	"	14:07	50 32, 59	5 31, 48	201,3	10,2	2466	KP - - - -	2	0,38	10,5	"	"	
3100	"	"	14:11	50 33, 28	5 31, 09	200,6	10,3	2850	K-P - - - -	3	0,38	10,5	"	"	Delay mit ak. ?



Rollen	Profil	Dat	Zeit	Lat (S)	Long (E)	Kurs	Geschw.	Wassert.	Trippenfolge	Sweeps	Delay	Pulse	Prot.
3	10/654	31/12	14.18	50 34 24	5 30 53	200.1	9.9	2827	KP - - - - -	2	0.00	4	700HS
	"	"	14.29	50 36. 17	5 29 42	199.7	10.3	2893	K-P - - - - -	3	0.25	"	"
	"	"	15.00	50 41 32	5 27 08	198.7	10.0	3115	KP - - - - -	2	0.38	"	"
	"	"	15.14	50 43 51	5 25 30	199.9	10.2	3081	K-P - - - - -	3	0.00 + 0.50	"	"
	"	"	15.30	50 46 34	5 25 11	198.6	10.2	2803	"	3	"	"	"
	"	"	15.37	50 47 26	5 24 19	197.9	9.8	3264	K p - - - - -	3	0.38	"	"
	"	"	15.46	50 49 24	5 23 30	196.4	10.4	3540	KP - - - - -	3	0.00	"	"
	"	"	15.51	50 50 10	5 23 29	196.7	10.4	3570	KP - - - - -	3	0.25	"	"
	"	"	16.01	50 51 39	5 22 60	197.3	10.2	3513	KP - - - - -	3	0.25	"	"
	"	"	16.25	50 56 00	5 20 53	197.0	10.2	3800	K P - - - - -	3	.38	4	van Zwaanswyg
	"	"	17.01	51 01 36	5 19 55	197.3	10.4	3840	"	3	.08	"	"
	"	"	17.12	51 04 53	5 18 18	197.6	10.4	3970	"	3	"	"	"
	"	"	17.24	51 05 38	5 15 57	197.7	10.5	3975	"	3	"	"	"
	"	"	17.35	51 07 73	5 14 54	197.2	10.5	3833	"	3	"	"	"
	"	"	17.40	51 08 00	5 14 21	198.7	10.5	3237	"	3	"	"	"
	"	"	18.00	51 12 33	5 12 54	199.0	10.4	3731	"	3	"	"	"
	"	"	18.30	51 14 36	5 09 57	198.7	09.4	3944	"	3	"	"	"
	"	"	18.39	51 18 31	5 09 08	199.8	09.8	4037	"	3	400ms	"	"
	"	"	18.44	51 19 65	5 08 56	198.2	09.8	4066	"	3	.5 / .7	"	"
	"	"	19.00	51 22 34	5 07 37	196.5	10.0	4104	"	3	.6	"	"
	"	"	19.20	51 25 20	5 06 28	199.3	9.7	4075	"	3	1.6	"	"
	"	"	20.00	51 32 44	5 02 74	198.6	9.8	3994	"	3	"	"	"
	"	"	20.30	51 37 41	5 00 09	199.5	9.9	3909	"	3	"	"	"
	"	"	20.34						"	3	"	"	"
	"	"	20.50	51 40 84	4 58 16	199.3	9.9	3864	"	3	0.4	"	"
	"	"	21.00	51 42 40	4 57 29	199.0	10.1	3864	"	3	"	"	"

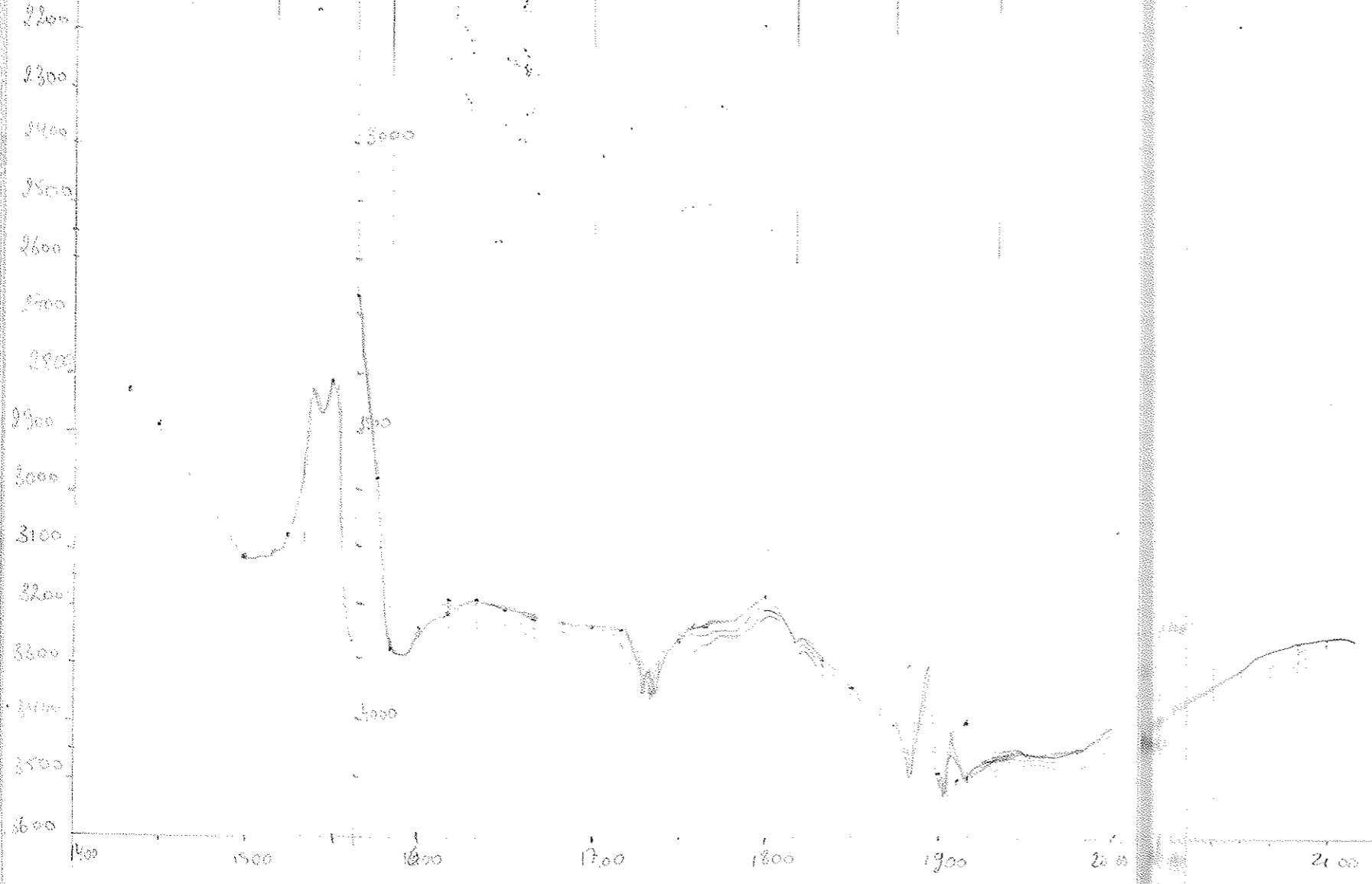
Delay + 0.50

Delay 4380ms
Schaltungs verschiebung*
range betw. 3800m - 4500m
" 3000m - 4000m

Delay 41
range betw. 3100
" 3400
Delay 06

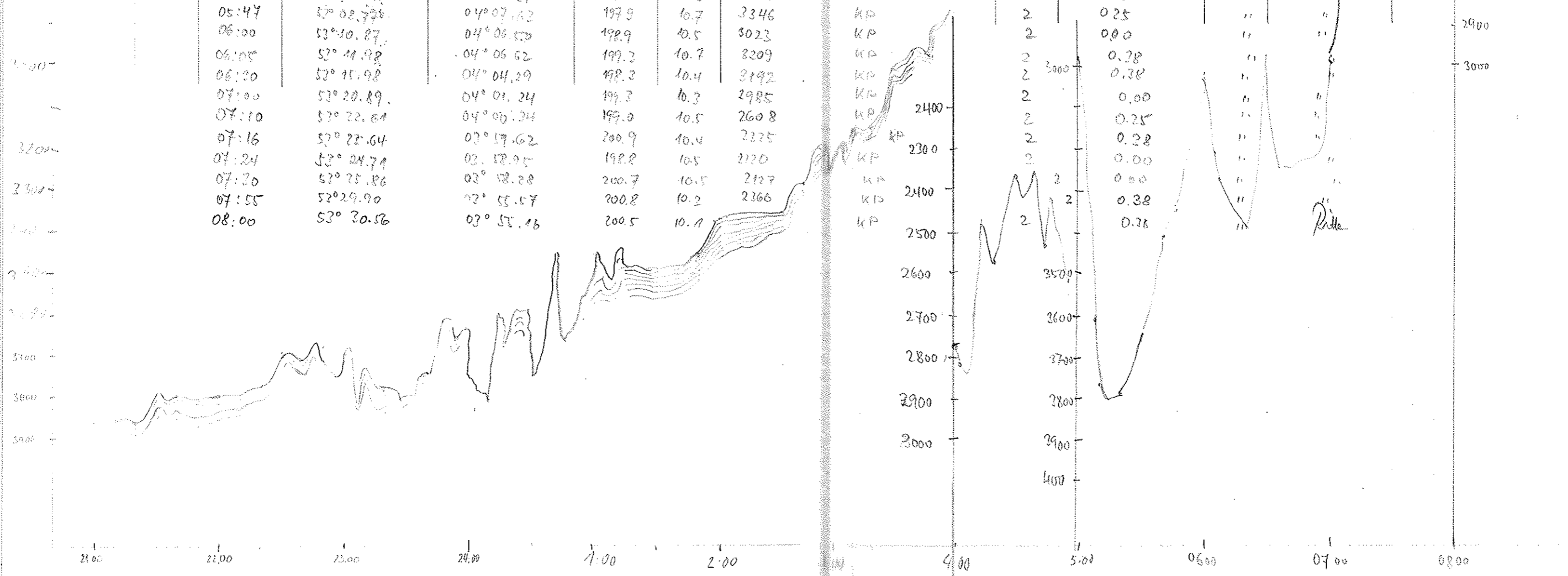
Versuch mit Delay .7 und .5
Delay 04

* Print delay

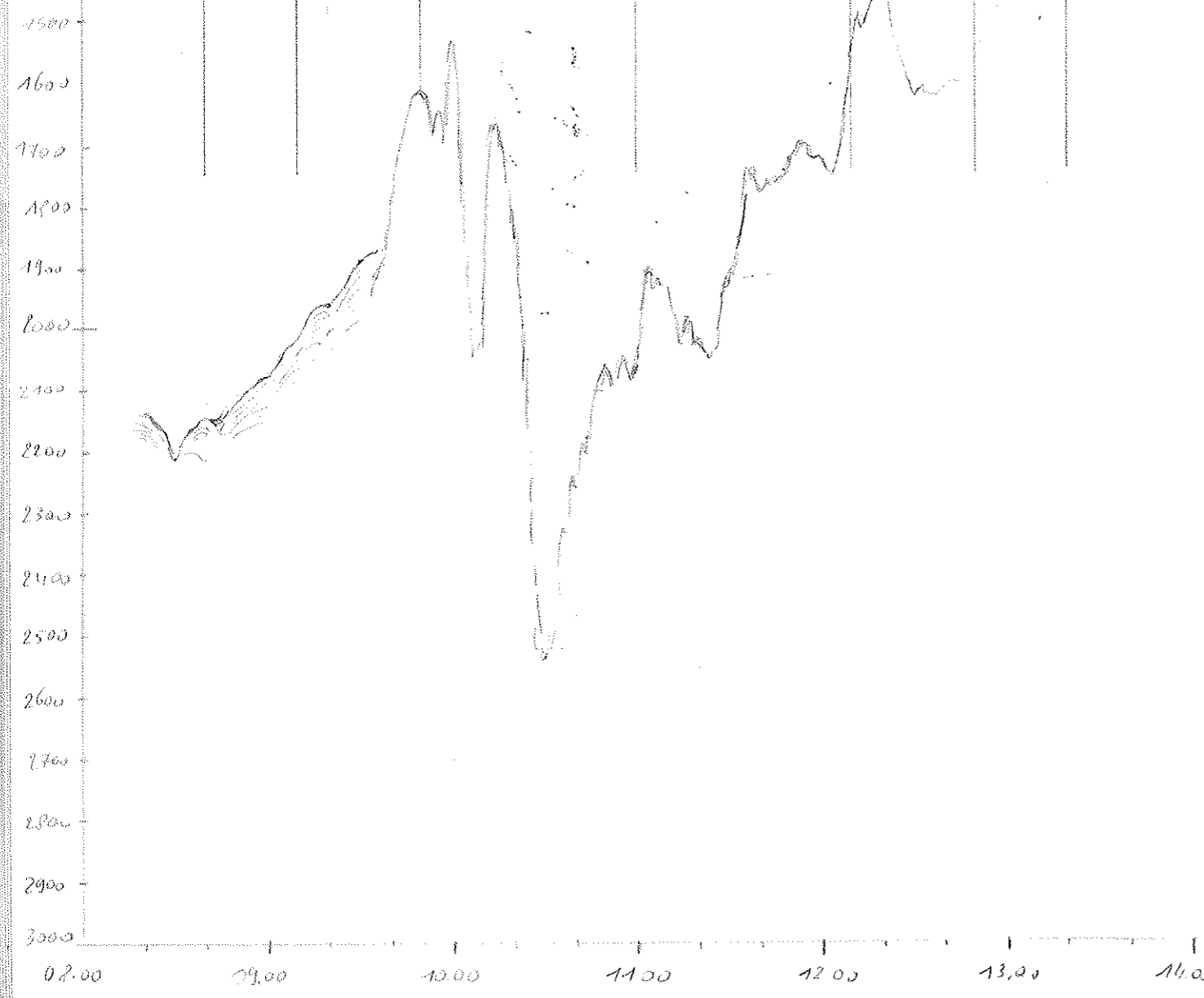


Rolle Nr	Profil	Datum	Zeit UTC	Lat (S)	Long (E)	Kurs	Geschw.	Wassertiefe	Trigger folge	Sweeps	Delay	Puls	Protokoll	Bemerkungen			
3	101651	31.12.	21.30	51° 46,66	4° 54,34	200.0	9.9	3787	KP - - -	3	0.40	4	Korsten				
			22.00	51 51,53	4 57,48	199.1	10.1	3793	"	"	"	"	"	"			
			22.28	51 56,09	4 48,50	199.1	"	3702	"	"	"	0.30	"	"			
			23.00	52 01,39	4 45,66	199.0	"	3755	"	"	"	"	"	"			
			23.30	52 06,30	4 42,97	198.6	10.0	3844	"	"	"	"	"	"			
			23.47	52 09,13	4 41,42	198.3	10.3	3820	"	"	"	"	0.20	"	"		
			24.00	52 11,39	4 40,17	199.2	10.5	3723	"	"	"	"	"	"	Korsten		
			1. Jan. 1987			00:11	52 13,13	4 39,23	200.1	10.2	3481	KP -	3	0.13	4	Korsten	
						00:40	52° 17,83	4° 36,57	200.4	10.6	3728	KP -	3	0.25	4	"	
						00:58	52° 20,51	4° 34,98	199.8	10.6	3605	KP -	3	0.13	"	"	
						1:25	52° 25,13	4° 32,38	198.5	10.3	3484	KP	2	0.00	"	"	
						2:02	52° 30,91	4° 29,19	198.8	10.6	3372	KP	2	0.13	"	"	
						2:30	52° 35,78	4° 26,53	200.8	10.5	3340	KP	2	0.13	"	"	
						2:37	52° 36,87	4° 25,88	200.1	10.5	3280	KP	2	0.38	"	"	
						3:10	52° 42,35	4° 22,65	197.5	10.6	3152	KP	2	0.38	"	"	
			3:25	52° 44,82	4° 21,29	198.7	10.6	3168	K-P	3	0.25	"	"				
			3:55	52° 49,85	4° 18,53	198.4	10.7	2802	K-P	3	0.38	"	"				
			3:58	52° 50,47	4° 18,22	198.2	10.6	2688	KP	2	0.00	"	"				
			04:00	52° 51,36	04° 17,69	197.6	10.7	2785	KP	2	0.00	"	Rolle				
			04:03	52° 51,37	04° 17,36	198.4	10.5	2821	KP	2	0.38	"	"				
			04:20	52° 53,77	04° 16,26	197.3	10.6	2568	KP	2	0.38	"	"				
			04:30	52° 55,66	04° 14,63	199.8	10.5	2362	KP	2	0.28	"	"				
			05:00	53° 00,72	04° 11,79	197.0	10.7	2977	KP	2	0.38	"	"				
			05:08	53° 01,91	04° 11,39	196.8	10.5	3607	KP	2	0.13	"	"				
			05:16	53° 02,47	04° 10,95	195.8	10.5	3784	KP	2	0.00	"	"				
			05:18	53° 02,86	04° 10,73	197.3	10.5	3801	KP	3	0.25	"	"				
			05:30	53° 05,72	04° 09,78	197.9	10.5	3641	KP	3	0.25	"	"				
			05:41	53° 07,69	04° 08,21	197.4	10.6	3407	KP	3	0.38	"	"				
			05:47	53° 08,73	04° 07,62	197.9	10.7	3346	KP	2	0.25	"	"				
			06:00	53° 10,87	04° 06,50	198.9	10.5	3023	KP	2	0.00	"	"				
			06:05	53° 11,98	04° 06,52	199.2	10.7	3209	KP	2	0.38	"	"				
			06:20	53° 15,98	04° 04,29	198.2	10.4	3192	KP	2	0.38	"	"				
			07:00	53° 20,89	04° 01,24	197.3	10.3	2985	KP	2	0.00	"	"				
			07:10	53° 22,64	04° 00,24	199.0	10.5	2608	KP	2	0.25	"	"				
			07:16	53° 23,64	03° 59,62	200.9	10.4	2375	KP	2	0.28	"	"				
			07:24	53° 24,71	03° 58,95	198.8	10.5	2120	KP	2	0.00	"	"				
			07:30	53° 25,86	03° 58,28	200.7	10.5	2127	KP	2	0.00	"	"				
			07:55	53° 29,90	03° 55,57	200.8	10.2	2366	KP	2	0.38	"	"				
			08:00	53° 30,56	03° 55,16	200.5	10.1		KP	2	0.38	"	Rolle				

Schallungen verändert
kurz delayel



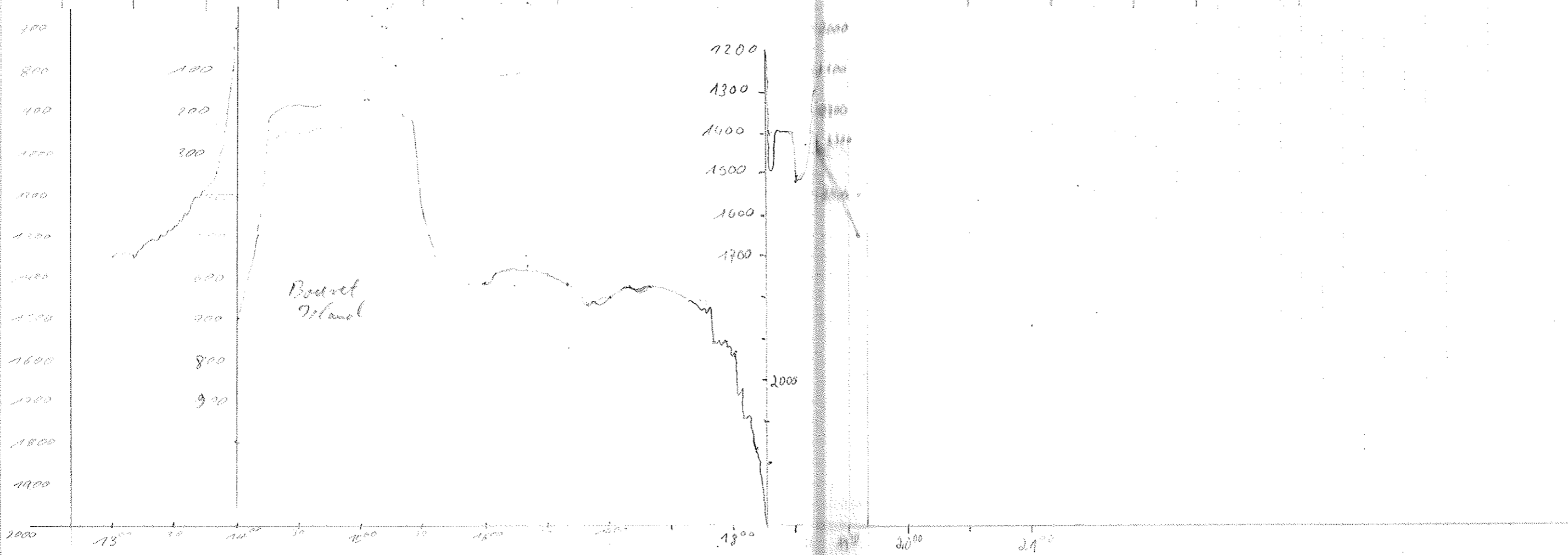
Rolle Nr.	Profil	Datum	Zeit UTC	Lat (S)	Long (E)	Kurs	Geschw.	Wassertiefe	Triggerfolge	Sweeps	Delay	Puls	Protokoll	Bemerkungen	
3	10/654	01.01.87	08.05								0.00		Henriet	Delay 0.00 Delay 0.13, aborted → 0.00	
			08.28									Delay 0.13, aborted			
			08.30	53° 35,49	03° 52,71	195,6	10,0	2210	KP	2	0,00	4			
			08.00	53° 40,22	03° 50,50	191,9	10,0	2069	KP	2	0,00	4			
			09.30	53° 44,94	03° 47,86	192,4	09,8	1893	KP	2	0,25	4			
			09.50						"	3	0,00	4			
			10.00	53° 49,68	03° 45,01	202,3	9,4	1772	KP	3	0,00	4			
			10.04	53° 50,09	03° 44,74	202,4	9,6		KP	2	0,25	4			
			10.07						"	2	0,00	4			
			10.10						"	2	0,25	4			
			10.14						"	3	0,00	4			
			10.22						"	2	0,25	4			
			10.28						"	2-3	0,00 - 0,25	4			
			10.30	53° 53,93	03° 42,45	200,4	9,4	2514	KP	3	0,25	"			
4	10/654	01.01.87	10.44	53° 55,53	03° 41,24	211,5	9,7	2177	KP	2	0,00	"	Neue Rolle	Del. 0.25 Del. 0.00 Del. 0.25 (2) (Ship turns 90° (Bridge communication) Ship on position * * Profil Ende	
			11.00	53° 57,80	03° 39,21	219,3	9,2	2072	KP	2	0,00	"			
			11.05						KP	2	0,25	"			
			11.10	53° 59,10	03° 57,86	210	9,3	2042	KP	2	0,00	"			
			11.30	54° 04,68	03° 35,37	210	8,6	1900	KP	2	0,25	"			
			11.52						"	2	0,38	"			
			12.00	54° 03,29	03° 32,39	225,3	4,9	1752	KP	2	0,38	"			
			12.13	54° 04,82	03° 30,82	217,1	8,0	1880	KP K - P	5	0,13	"			
			12.30	54 07,04	3 28,50	213,4	9,5	1681	"	4	"	"			
			13.00	54 10,98	3 24,95	205,7	8,7	1560	"	4	"	"			



Grindel
Grindel
Grindel

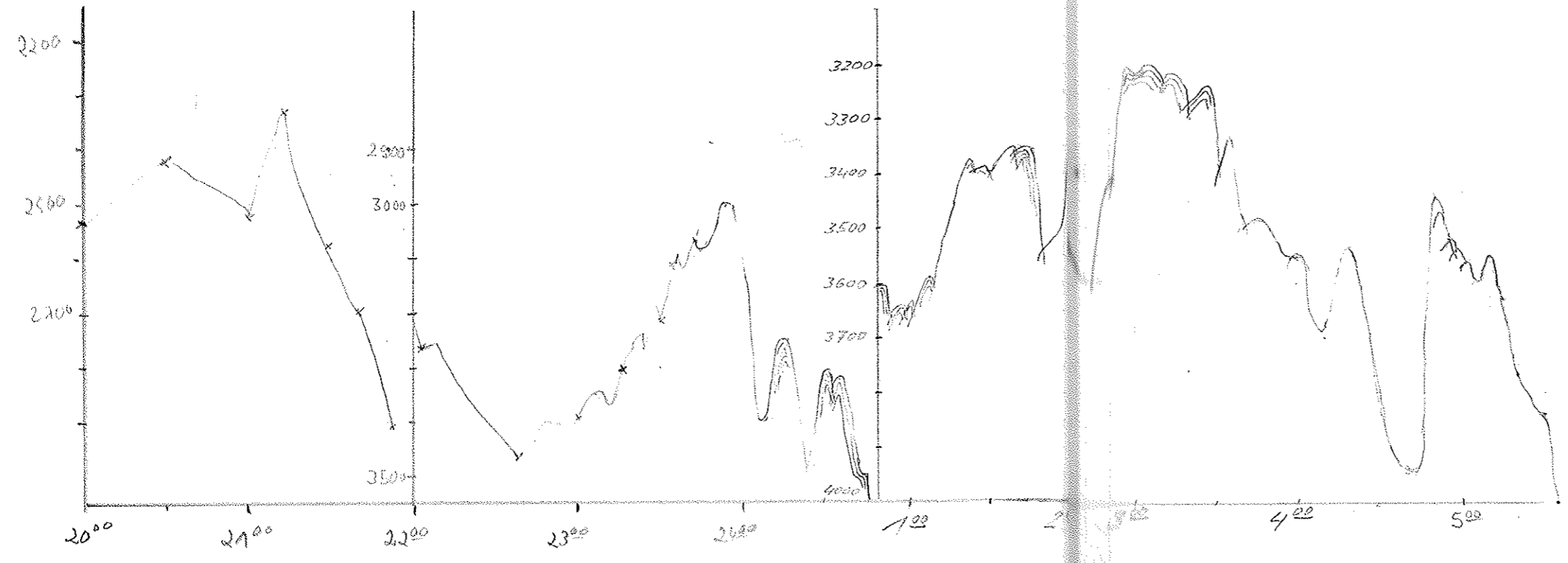
Notiz Nr.	Profil	Datum	Zeit UTC	Lat. (S)	Long (E)	Kurs	Geochw	Wanderhöhe	Triggerfolge	Surveys	Delay	Puls	Protokoll	Bemerkungen
4	10/	14.01.87	13 ²⁰	54 13,52	03 22,92	206,4	8,7	1420	KPK-P	5	0,38	4	Grindel	
"	"	"	13 ³³	54 15,79	03 21,15	204,9	8,8	1230	KP	2	0,25	4	"	
"	"	"	13 ⁵⁵	54 18,01	03 19,24	208,2	9,1	900	K-P	3	0,13	4	"	
"	"	"	14 ⁰⁰	54 19,73	03 17,71	209,1	8,5	600	KP	2	0,00	4	"	
"	"	"	14 ¹⁴	54 20,51	03 17,41	210,9	8,6	230	KP	2	0,38	4	"	
"	"	"	14 ³⁰	54 22,49	03 15,33	207,2	7,9	760	KP	2	0,38	4	"	
"	"	"	15 ⁰⁰	54 27,31	03 14,66	177,3	11,7	180	KP	2	"	"	"	
"	"	"	15 ²⁰	54 30,74	03 20,87	175,8	6,6	350	KP-----	2	0,00	4	"	
4	Ende 1654	"	16 ⁰⁰	54 31,33	3 21,35	82,7	0,1	620	KP-----	2	0,00	4	Basler	
"	"	"	16 ²⁰	54 31,63	3 20,60	235,0	0,1	600	KP-----	2	0,00	4	"	
"	161656	"	17 ⁰⁰	54 32,23	3 18,65	239,5	3,3	633	KP-----	2	0,00	4	"	
"	101656	"	17 ³⁰	54 35,29	3 18,08	182,5	9,1	604	KP-----	2	0,00	4	"	
"	"	"	17 ⁴⁵	54 37,46	3 17,89	180,2	9,2	710	K-P----	2	0,13	4	"	
"	"	"	18 ⁰²	54 39,97	3 17,70	182,4	9,2	840	K-P----	2	0,13	4	"	
"	"	"	18 ¹³	54 41,53	3 17,62	180,6	9,1	1020	KP	2	0,25	4	Kuba	
"	"	"	18 ¹⁶	54 42,06	3 17,50	182,3	9,4	1450	KPK-P	5	0,25	4	"	
"	"	"	18 ³³	54 44,70	3 17,48	183,1	9,3	1680	KPK-P--	5	0,00	4	Basler	
"	"	"	18 ⁴¹	54 46,00	3 17,41	183,8	9,4	1350	KPK-P--	5	0,25	4	"	
"	"	"	18 ⁴⁵	54 46,77	3 17,31	182,2	9,4	1290	KPK-P--	5	0,38	4	"	
"	"	"	18 ⁵⁰	54 47,24	3 17,24	184,5	9,8	1530	KPK-P--	5	0,13	4	"	
"	"	"	18 ⁵⁴	54 47,99	3 17,18	180,4	9,5	1750	KPK-P--	5	0,00	4	"	
"	"	"	18 ⁵⁶	54 48,02	3 17,13	181,0	9,5	1845	KP-----	2	0,13	4	"	
"	"	"	19 ⁰²	54 49,23	3 17,10	184,7	9,1	2174	KP-----	2	0,00	4	"	
"	"	"	19 ⁰⁵	54 49,69	3 17,03	184,9	9,3	2244	KPKP---	5	0,25	4	"	
"	"	"	19 ²¹	54 51,01	3 16,71	181,5	9,0	2390	KPKP---	5	0,00	4	"	
"	"	"	19 ³⁸	54 54,30	3 16,27	183,1	9,0	2500	KPKP---	5	0,00	4	"	
"	"	"	19 ⁵⁴	54 57,56	3 16,00	178,4	9,5	2550	KP-----	2	0,38	4	"	

Kurswechsel auf 177°
 Profilmethode (101654)
 15° W. d. ...
 Stationen von ...
 Fortsetzung

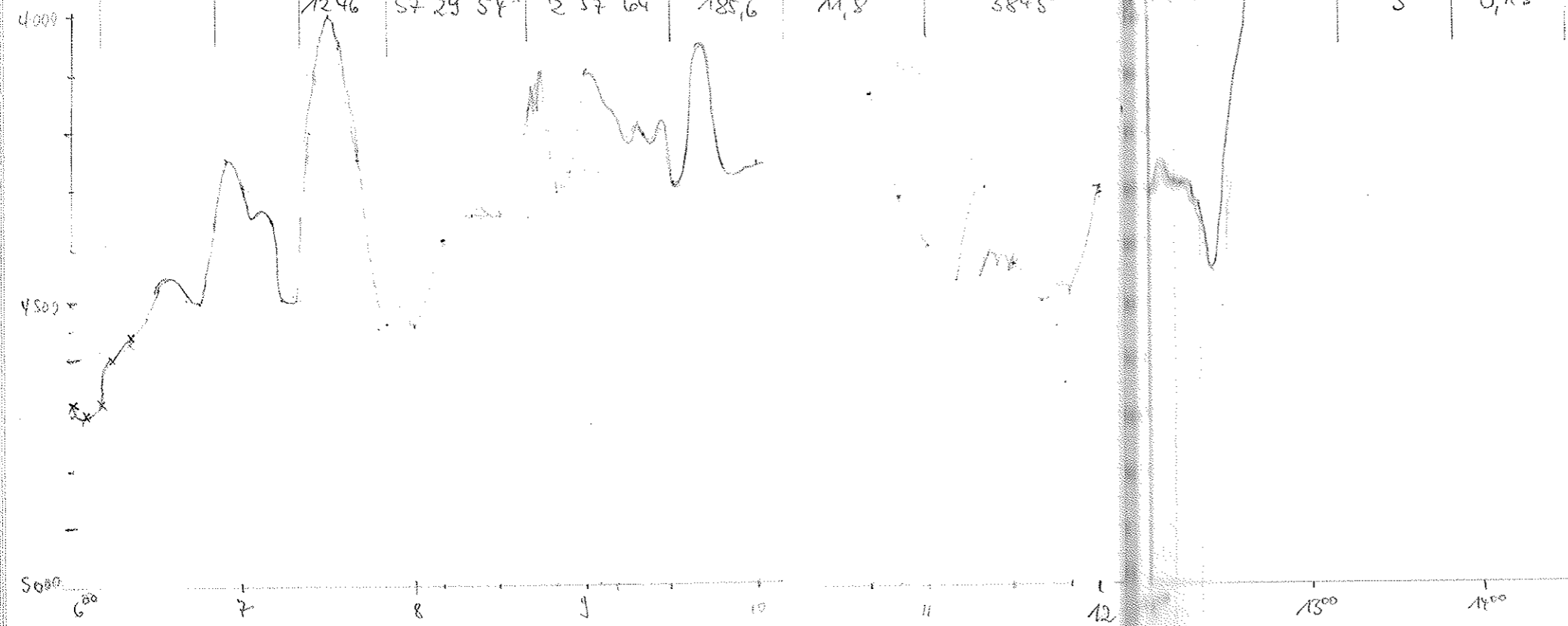


Bohrer
 Island

Rollen No.	Profil	Datum	Zeit (UTC)	Lat. (S)	Long (E)	Kurs	Geschw.	Wassertiefe	Triggerfolge	Swaps	Delay	Puls	Protokoll	Bemerkungen
4	10/656	1.1.87	20 ⁰⁰	54 48.65	03 15.94	178.1	9.8	2530	KP-----	2	0.28	4	Bamb	
4	10/656	1.1.87	20 ³⁵	53 03.53	03 16.37	187.0	9.2	2462	KP-----	2	0.28	4	Tom	
4	10/656	1.1.87	21 ⁰⁰	55 07.33	03 16.43	180.8	9.6	2526	KP-----	2	0.38	4	Tom	
4	10/656	1.1.87	21 ¹⁴	55 10.26	03 16.35	172.7	9.4	2337	KXP-----	5	0.13	4	Tom	
4	10/656	1.1.27	21 ²⁵	55 12.45	03 15.21	185.0	9.7	2572	KP-----	2	0.78	4	Tom	
4	10/656	1.1.27	21 ²⁸	55 13.81	03 15.42	182.5	9.5	2700	KP-----	2	0.13	4	Tom	
4	10/656	1.1.27	21 ⁵¹	55 15.84	03 15.06	185.5	9.4	2908	KP-----	3	13	4	Tom	
4	10/656	1.1.27	22 ⁰²	55 17.61	03 14.81	181.1	9.1	3260	KP-----	2	13	4	Tom	
4	10/656	1.1.27	22 ⁰⁹	55 17.56	03 14.76	185.2	9.5	3243	KP-----	2	38	4	Tom	
4	10/656	1.1.27	22 ³⁶	55 23.01	03 14.13	182.9	9.8	3464	KP-----	2	13	4	Tom	
4	10/656	1.1.27	23 ⁰⁰	55 26.77	03 13.62	183.7	9.6	3356	KP-----	2	13	4	Tom	
4	10/656	1.1.27	23 ¹⁶	55 29.20	03 13.40	183.2	9.5	3311	KP-----	2	38	4	"	
4	10/656	1.1.27	23 ²⁰	55 31.54	03 13.05	183.3	9.4	3212	KP-----	2	38	4	"	
4	10/656	1.1.27	23 ²²	55 31.93	03 13.05	185.6	9.5	3115	KP-----	3	25	4	"	
4	10/656	1.1.27	23 ⁴²	55 33.62	03 13.27	182.3	9.4	3152	KP-----	3	0	4	"	
4	10/656	1.1.27	23 ⁴⁶	55 35.80	03 12.85	186.2	9.7	3027	KP-----	3	38	4	"	
4	10/656	1.1.27	23 ⁵²	55 38.22	03 12.78	186.2	9.8	3050	KP-----	3	13	4	"	
"	"	2.7.87	0 ⁰⁵	37 46	12 50	187.2	9.4	3400	KP	2	25	"	Niedrig	
"	"	"	0 ³⁰	47 34	11 83	184.2	9.4	3309	KP	"	"	"	"	
"	"	"	0 ⁵⁴	45 07	11 47	184.9	9.5	3558	"	"	00	"	"	
"	"	"	1 ²¹	48 79	10 30	187.3	9.4	3344	K-P	3	"	"	"	
"	"	"	1 ³⁵	50 93	9 84	188.4	9.5	3363	KP	2	13	"	"	
"	"	"	2 ⁰⁹	55 92	8 99	186.5	9.0	3388	"	"	"	"	"	
"	"	"	2 ³⁰	59 76	8 54	185.4	9.3	3504	"	"	"	"	"	
"	"	"	3 ⁰⁰	58 03.53	7 94	186.4	9.6	3222	"	"	38	"	"	
"	"	"	3 ²⁰	08.12	6 77	195.2	9.4	3306	"	"	"	"	"	
"	"	"	3 ⁴⁰	11.07	6 48	183.7	9.3	3550	"	"	13	"	"	
"	"	"	4 ⁰⁷	13.65	6 13	184.1	9.4	3619	KP	3	38	"	GRAT	
"	"	"	4 ¹²	18.33	6 40	192.4	9.4	3853	KP	3	00	"	"	
"	"	"	4 ⁴⁷	20.84	9 15	174.3	9.2	3600	KP	3	25	"	"	
"	"	"	4 ⁵⁰	21.55	9 28	173.6	9.5	3570	KP	3	38	"	"	
"	"	"	4 ⁵⁶	22.28	7 33	199.3	9.6	3500	KP	2	00	"	"	
"	"	"	5 ¹²	25.40	7 25	185.1	8.4	3220	KP	3	13	"	"	



Roller No.	Profile	Date	Point (UTC)	Lat (S)	Long (E)	Ulls	Geolow	Wasshöhe	Wolfsgr	Seespieg	Deleg	Pull	Profil	Bemerkung
4	10/656	2.1.87	5 ³⁰	26.54	3° 6.85	185.6	8.8		P	3	38	4	SPAF	
4	"	"	5 ³⁵	27.49	6.69	182.7	9.1		P	3	13	4	"	
"	"	"	5 ⁴⁰	28.41	6.56	182.1	8.7	4044	P	2	38	4	"	
"	"	"	5 ⁴⁵	29.49	6.37	180.5	8.9	4260	P	2	13	4	"	
"	"	"	5 ⁵⁰	30.42	6.16	184.6	8.4	4500	P-K-P-	7	25	4	"	
"	"	"	6 ⁰⁵	32.22	5.98	184.2	8.6	4687	P-K-P-	4	00	4	"	
"	"	"	6 ¹⁵	35.12	5.58	186.0	9.0	4520	-K-	7	25	4	"	
"	"	"	6 ²⁰	39.03	5.01	180.4	9.2	4290	IP	2	00	4	"	
"	"	"	7 ¹⁵	42.24	4.51	182.9	8.5	4500	P-K-P-	4	13	4	"	
"	"	"	7 ²⁰	43.21	4.37	186.0	9.1	4375	IP	2	13	4	"	
"	"	"	7 ²⁵	44.22	4.26	180.5	8.8	3980	IP	3	00	4	"	
"	"	"	9 ³⁵	45.08	3.13	182.4	8.7	4126	IP	2	13	4	"	
"	"	"	7 ⁴²	48.96	2.99	181.5	8.8	4299	IP	2	00	4	"	
"	"	"	7 ⁴⁵	46.40	2.92	186.0	9.2	4360	P-K-P-	7	25	4	"	
4	10/556	"	8 ¹⁰	56 43 87	02 27	181.8	08.8	4414	P-K-P-	7	25	4	Wasshöhe	
"	"	"	8 ²⁰	56 53 73	02 19	183.3	11.5	4352	"	2	"	4	"	
"	"	"	8 ³⁰	56 55 15	01 37	183.1	11.3	4179	IP - - -	2	13	4	"	
"	"	"	8 ⁵⁴	56 58 13	02 31	187.8	12.6	4271	"	"	"	4	"	change of course
"	"	"	8 ¹¹	57 02 41	02 58	183.7	12.2	4211	"	"	"	4	"	back to course
"	"	"	8 ²⁰	57 03 40	03 16	180.0	11.7	4299	"	"	"	4	"	
"	"	"	9 ³¹	57 05 28	03 05 09	188.7	12.0	4297	P - - - -	2	13	4	"	
"	"	"	9 ⁵⁰	57 07 03	03 04 15	193.4	4.5	4274	"	"	"	4	"	Speed! + course!
"	"	"	10.00	57 07 07	03 03 47	311.6	1.9	4254	"	"	"	4	"	
"	"	"	10.30	57 06 33	03 01 42	190.7	9.1	4031	"	"	"	4	"	back on course
"	"	"	10.59	57 06 38	03 01 02	182.3	5.3	4193	"	"	"	4	"	
"	"	"	10.50	57 06 30	03 00 32	183.1	2.7	4355	"	"	"	4	"	
"	"	"	11.07	57 10 06	03 00 00	180.6	11.4	4393	"	"	"	4	"	
"	"	"	11.09	57 11 00	03 00 00	180.0	11.3	4401	P-K-P	"	38	4	"	
"	"	"	11.30	57 11 37	03 00 00	178.9	11.4	4443	"	"	"	4	"	
"	"	"	12.00	57 20 57	03 58 37	187.0	11.5	4215	"	"	"	4	"	
"	"	"	12.30	57 26 48	02 58 02	184.3	11.8	4218	P - - -	2	0,00	4	Hain	
"	"	"	12.34	57 27 28	02 57 36	183.2	11.8	4083	P - - -	2	0,25	4	"	
"	"	"	12.40	57 28 48	02 57 34	185.6	10,1	3806	P - - -	2	0,38	4	"	
"	"	"	12.46	57 29 54	02 57 64	185,6	11,8	3845	P - - -	3	0,13	4	"	



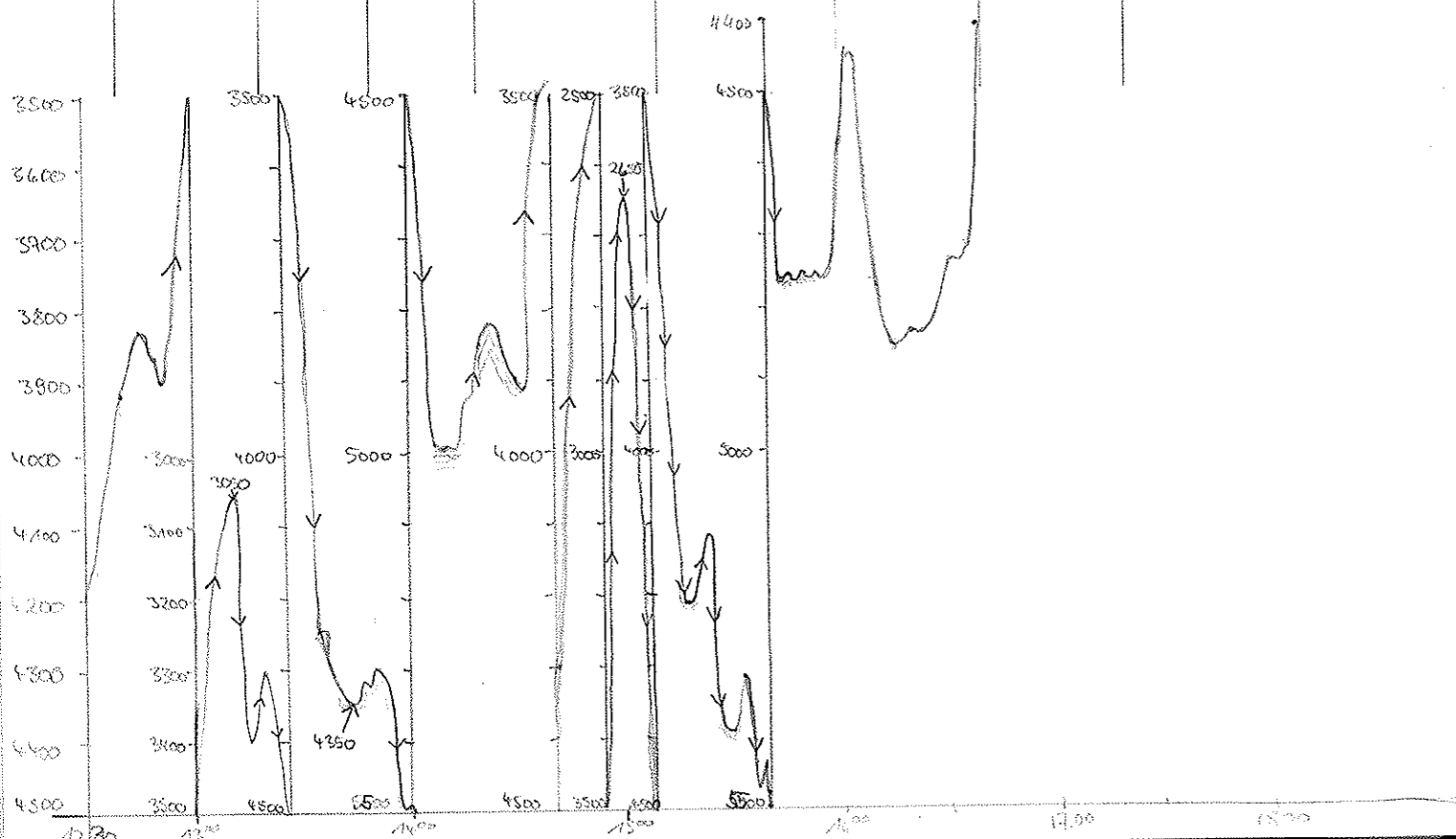
change of course
back to course

Speed! + course!

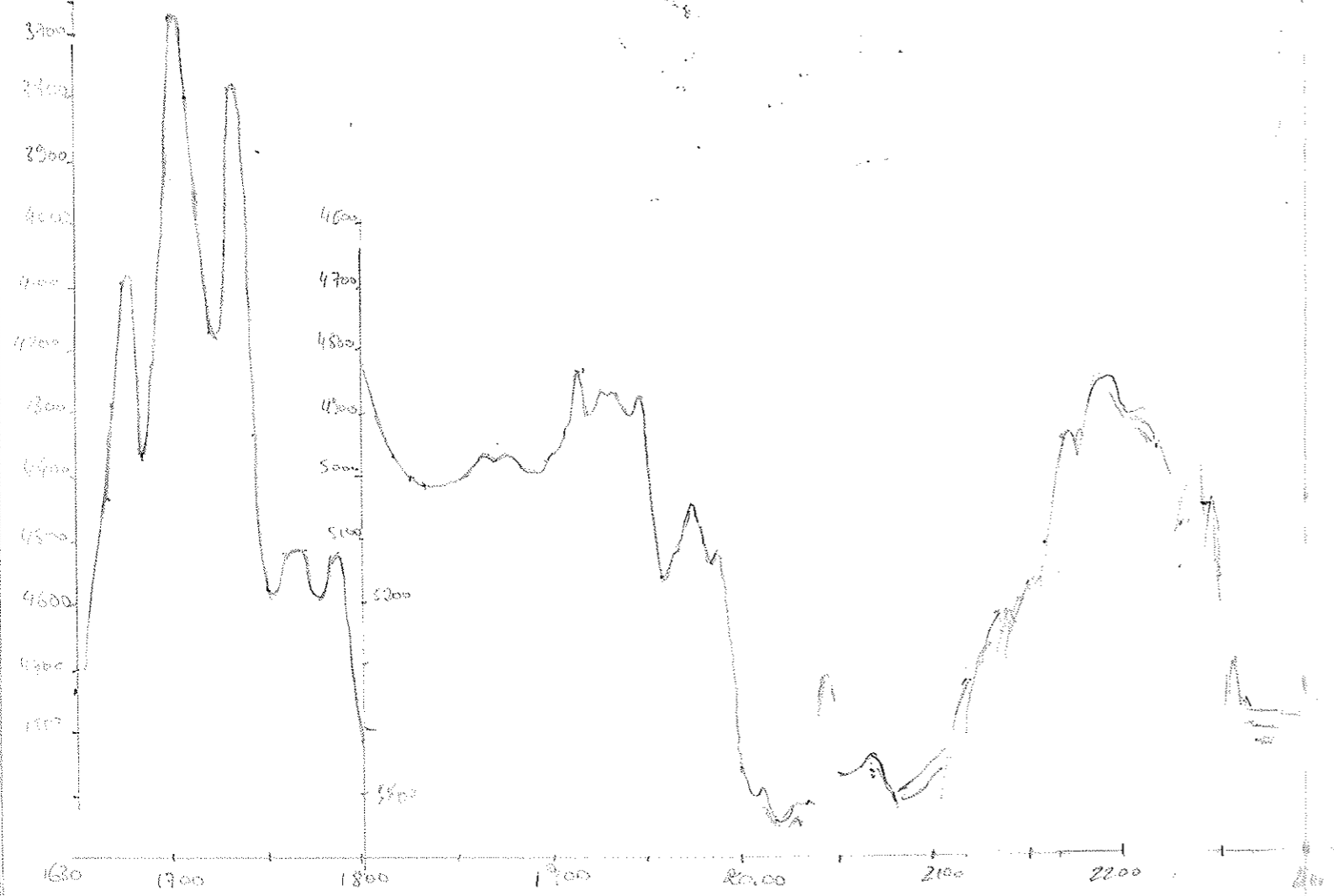
back on course

Hain

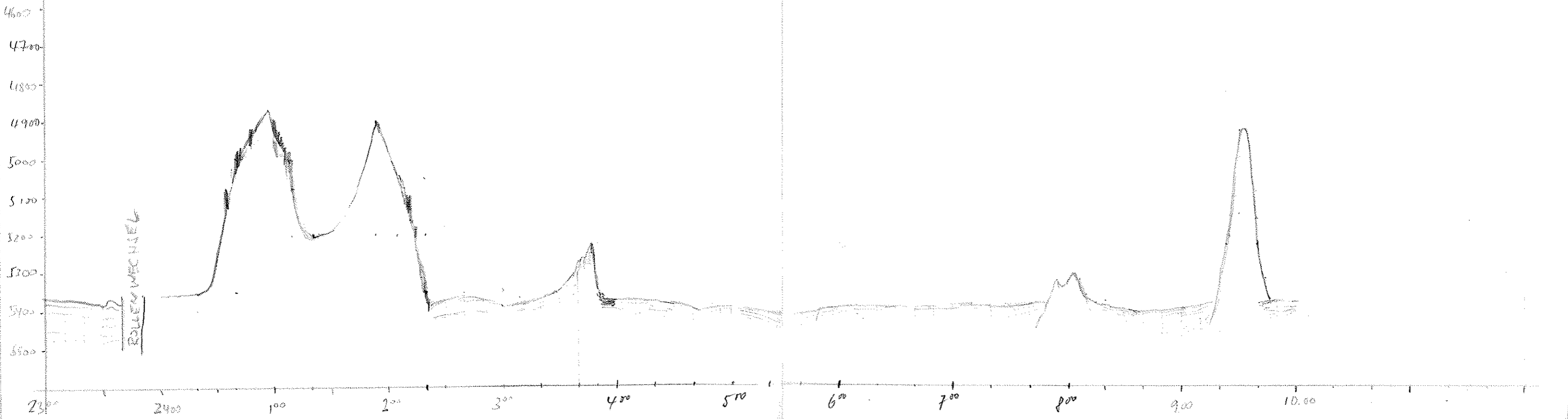
Rolle	Nr.	Datum	Zeit	Lat (S)	Long (E)	Kurs	Geschw.	Wassertiefe	Triggerfolge	Sweeps	Delay	Puls	Protokoll	Bemerkungen
4	10/656	2.1.87	13:58	57° 32,03	2° 57,29	182,6	11,9	3499	KP - - - -	2	0,00	4,0	Hain	
"	"	"	13:00	57° 32,32	2° 57,26	185,9	12,1	3530	" " " "	"	"	"	"	
"	"	"	13:05	57° 33,45	2° 57,12	184,1	12,1	3281	" " " "	"	0,25	"	"	
"	"	"	13:10	57° 34,19	2° 56,98	186,5	12,1	3110	K-P - - - -	3	0,00	"	"	
"	"	"	13:20	57° 35,41	2° 57,06	186,2	11,4	3451	KP - - - -	2	0,25	"	"	
"	"	"	13:23	57° 35,94	2° 56,95	185,4	11,9	3722	KP - - - -	3	0,25	"	"	
"	"	"	13:27	57° 36,68	2° 56,84	185,9	12,1	4065	KP - - - -	2	0,25	"	"	
"	"	"	13:40	57° 39,11	2° 56,20	188,9	11,8	4352	KP - - - -	2	0,00	"	"	
"	"	"	14:00	57° 42,74	2° 55,35	187,7	12,2	4502	KP - K - P -	7	0,25	"	"	
"	"	"	14:03	57° 43,47	2° 55,15	189,1	11,5	4826	KP - K - P -	7	0,00	"	"	
"	"	"	14:07	57° 44,12	2° 55,02	184,6	12,1	4984	KP - - - -	2	0,13	"	"	
"	"	"	14:30	57° 48,38	2° 53,93	187,1	11,8	4910	KP - - - -	2	0,13	"	"	
"	"	"	14:37	57° 49,77	2° 53,57	190,7	12,0	4578	KP - K - P -	7	0,13	"	"	
"	"	"	14:40	57° 50,29	2° 53,44	189,1	12,2	4120	KP - - - -	2	0,13	"	"	
"	"	"	14:45	57° 51,25	2° 53,19	185,2	12,0	3965	KP - - - -	2	0,38	"	"	
"	"	"	14:49	57° 51,90	2° 53,04	187,0	11,8	3771	KP - - - -	2	0,38	"	"	
"	"	"	14:53	57° 52,64	2° 52,88	182,4	11,8	3086	KP - - - -	2	0,38	"	"	
"	"	"	14:57	57° 53,49	2° 52,83	181,0	12,1	2665	KP - - - -	2	0,00	"	"	
"	"	"	15:00	57° 53,90	2° 52,79	185,7	12,3	2774	KP - - - -	2	0,00	"	"	
"	"	"	15:04	57° 54,82	2° 52,67	184,2	12,4	3393	KP - - - -	2	0,38	"	"	
"	"	"	15:12	57° 56,24	2° 52,46	183,8	12,2	3826	KP - - - -	3	0,13	"	"	
"	"	"	15:18	57° 57,50	2° 52,33	182,7	12,2	4246	KP - - - -	2	0,00	"	"	
"	"	"	15:30	58° 00,30	2° 52,33	184,3	12,4	4366	KP - - - -	2	0,00	"	"	
"	"	"	15:41	58° 02,88	2° 51,95	186,6	12,1	4547	KP - K - P -	7	0,00	"	"	
"	"	"	16:00	58° 06,36	2° 50,97	185,3	11,8	4569	KP - K - P -	7	0,00	"	1700 HJ	
"	"	"	16:04	58° 07,03	2° 50,83	187,7	11,9	4410	KP - K - P -	7	0,25	"	"	
"	"	"	16:10	58° 08,96	2° 50,57	185,4	11,9	4770	" " " "	7	0,00	"	"	
"	"	"	16:30	58° 12,16	2° 49,82	186	12,4	4739	" " " "	"	"	"	"	
"	"	"	16:39	58° 13,90	2° 49,48	187	11,8	4429	" " " "	"	0,25	"	"	
"	"	"	16:42	58° 14,50	2° 49,36	184,3	12,0	4283	" " " "	"	0,38	"	"	
"	"	"	16:46	58° 15,37	2° 49,04	187,0	12,3	4091	KP - - - -	2	0,25	"	"	



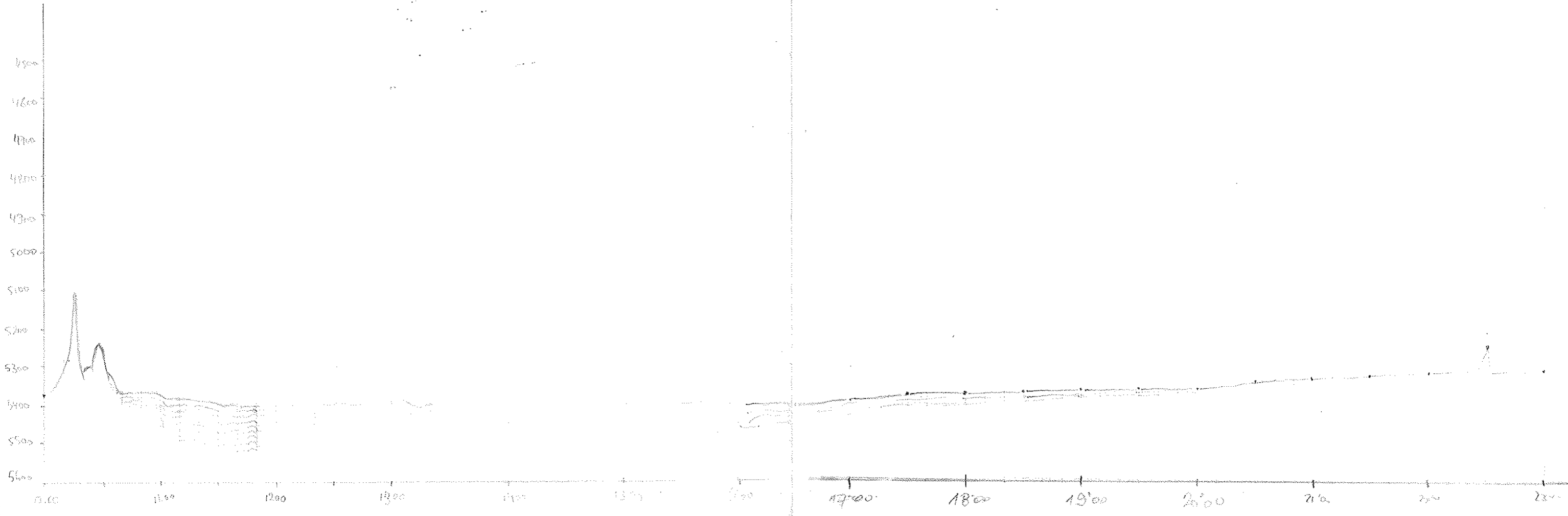
Roll Nr	Proj C	Datum	Zeit	Abt (S)	Abt (i)	Kurs	Geschw	Wandtiefe	Träger fuge	Swings	Delay	Puls	Protokoll	Bemerkungen
4	10/656	2/1/87	16:52	58 16 41	2 48 83	184.5	12.3	4361	KP-K-P-	7	0.25	4.0	Moonis	
			16:55	58 17 15	2 48 92	184.2	11.9	4222	KP- - - -	9	0.25	"	"	
			17:00	58 17 97	2 48 58	187.3	12.3	3937	"	"	"	"	"	
			17:01			187.0	12.6	3677	KP- - - -	3	0.13	"	"	
			17:12	58 20 35	2 48 26	187.3	12.1	4176	KP- - - -	2	0.25	"	"	
			17:18	58 21 61	2 48 11	182.1	11.9	3772	KP- - - -	3	0.13	"	"	
			17:24	58 22 75	2 48 00	183	11.7	4027	KP- - - -	5	0.00	"	"	
			17:26					4342	"	2	"	"	"	
			17:29					4582	KP-K-P-	7	0.13	"	"	
			18:00	58 29 88	2 47 57	181.1	12.1	4817	KP-K-P-	7	0.00	"	"	baden
			18:03	58 30 01	2 47 50	183.5	12.3	4897	KP- - - -	8	0.38	"	"	4534-2113
			18:09	58 31 82	2 47 50	183.9	12.1	3372	KP- - - -	8	0.13	"	"	
			18:35	58 36 98	2 46 64	180.7	12.4	5002	KP- - - -	2	0.13	"	"	
			19:00	58 41 80	2 46 15	182.5	12.0	4990	KP- - - -	2	0.13	"	"	
			19:30	58 47 81	2 44 29	185.4	12.0	4747	"	"	"	"	"	
			19:34	58 48 71	2 44 28	182.5	12.3	5165	KPK-P-	5	0.25	"	"	
			19:43	58 50 63	2 43 86	181.3	12.5	5091	KP- - - -	2	0.00	"	HEMPER	
			20:01	58 54 01	2 43 66	183.2	11.7	5472	KPK-P-	5	0.00	"	Demaske	
			20:28	58 59 38	2 42 71	189.2	12.0	5253	"	"	0.25	"	"	
			20:30	58 59 93	2 43 07	186.3	11.7	5495	"	"	0.00	"	"	
			21:00	59 04 95	2 46 98	183.5	8.2	5454	"	"	"	"	"	
			21:16	59 07 26	2 41 67	185.7	8.4	5248	"	"	0.25	"	"	
			21:23	59 07 58	2 41 28	186.9	9.2	5159	"	"	0.38	"	"	
			21:35	59 07 94	2 41 19	183.7	9.0	5109	KP- - - -	2	0.00	"	"	
			21:50	59 11 98	2 40 24	184.7	8.5	4957	"	"	0.25	"	"	
			22:20	59 16 41	2 40 35	182.5	9.4	5080	"	"	0.00	"	"	
			22:32	59 18 31	2 40 16	181.9	8.9	5218	KPK-P-	5	0.25	"	"	
			22:46	59 20 34	2 39 29	180.8	9.3	5372	KPK-P-	5	0.00	"	"	



Rolle	Time	Lat S	Long E	Winds	Current	Tiefe	Triggfolge	Sweep	Delay	Pulse	Probleme	Remarks		
4	7:14 10/655	2300	59°22,43	2°39,81	182,6	9,2	5362	KPK-P---	5	0,00	4	Damisch	very nice	
"	"	2330	59°24,85	2°37,79	185,1	9,2	5382	"	"	"	"	"	"	
"	"	2340	59°29,09	2°37,46	184,5	8,9	5382	"	"	"	"	"	"	
5	"	235	59°30,15	2°37,38	181,1	9,1	5371	"	"	"	"	"	} Rollenwechsel	
"	"	2400	59°31,32	2°39,30	180,5	9,0	5362	"	"	"	"	"		
5	10/656	3.1.27	0030	59°35,97	2°36,18	183,1	9,4	5200	"	5	0,25	40	HARQUER	
"	"	"	0040	59°37,92	2°36,72	182,3	9,9	5050	HP-----	2	0,00	40	"	steiler Anstieg
"	"	"	0100	59°40,52	2°36,27	181,7	10,0	4950	"	"	0,13	40	"	"
"	"	"	0116	59°49,26	2°36,13	181,1	10,1	5180	"	"	0,00	40	"	steiler Abfall
"	"	"	0130	59°45,31	2°35,97	182,6	10,1	5160	"	"	"	"	"	Ebene leichter Anstieg
"	"	"	0205	59°51,01	2°35,54	182,4	9,7	5000	"	"	"	"	"	leichter Abfall
"	"	"	0222	59°53,86	2°35,29	182,4	9,7	5380	HPK-P--	5	0,25	4	"	"
"	"	"	0230	59°55,16	2°35,32	182,9	9,9	5380	- " -	"	"	"	"	"
"	"	"	0303	60°00,43	2°34,46	185,0	10,0	5400	- " -	"	0,13	"	"	"
"	"	"	0332	60°05,25	2°34,26	184,4	10,0	5342	- " -	"	"	"	"	"
5	10/656	3.1.27	0400	60°09,73	2°33,56	185,0	9,9	5380	- " -	"	"	"	"	"
"	"	"	0430	60°14,80	2°32,37	186,8	10,0	5378	KPK-P--	5	"	"	HENRIET	ebener
"	"	"	0441	60°16,24	2°32,21	185,1	10,0	5400	"	5	0,00	"	"	"
"	"	"	0500	60°19,87	2°31,58	186,0	10,0	5400	"	"	"	"	"	"
"	"	"	0530	60°24,28	2°30,63	180,5	9,3	5424	"	"	"	"	"	Bridge speed 4, 600 on position
"	10/657?	"	0600	60°28,13	2°30,28	186,2	4,2	5392	"	"	"	"	"	06.05 Sea Beam in standby
"	"	"	0630	60°29,60	2°30,09	187,8	1,9	5376	"	"	"	"	"	3.5 kHz off
"	"	"	0700	60°29,60	2°30,30	187,6	-0,2	5389	"	"	"	"	"	Seabeam + 3,5 kHz on
"	10/658	"	0713	60°29,65	2°30,60	196,7	0,5	5394	"	"	"	"	"	10/658 07 26
"	"	"	0732	60°31,33	2°29,71	194,8	9,2	5377	"	"	"	"	"	"
"	"	"	0800	60°35,73	2°26,02	198,3	10,7	5304	"	"	"	"	"	"
"	"	"	0830	60°40,69	2°22,51	192,5	10,1	5374	"	"	"	"	"	"
"	"	"	900	60°44,81	2°20,47	197,8	10,6	5399	"	"	"	"	"	"
"	"	"	922	60°48,46	2°18,93	194,8	10,0	5237	"	"	0,25	"	"	"
"	"	"	926					5150	"	"	6,38	"	"	"
"	"	"	929					4964	KP-----	2	0,13	"	"	"
"	"	"	931	60°49,32	2°18,18	195,4	9,9	4954	"	"	"	"	"	"
"	"	"	940	60°51,04	2°17,62	196,2	3,8	5225	KPK-P--	5	0,13	"	"	"
"	"	"	947					5369	"	"	"	"	"	"
"	"	"	1000	60°53,86	2°14,39	201,3	10,1	5375	"	"	"	"	"	"

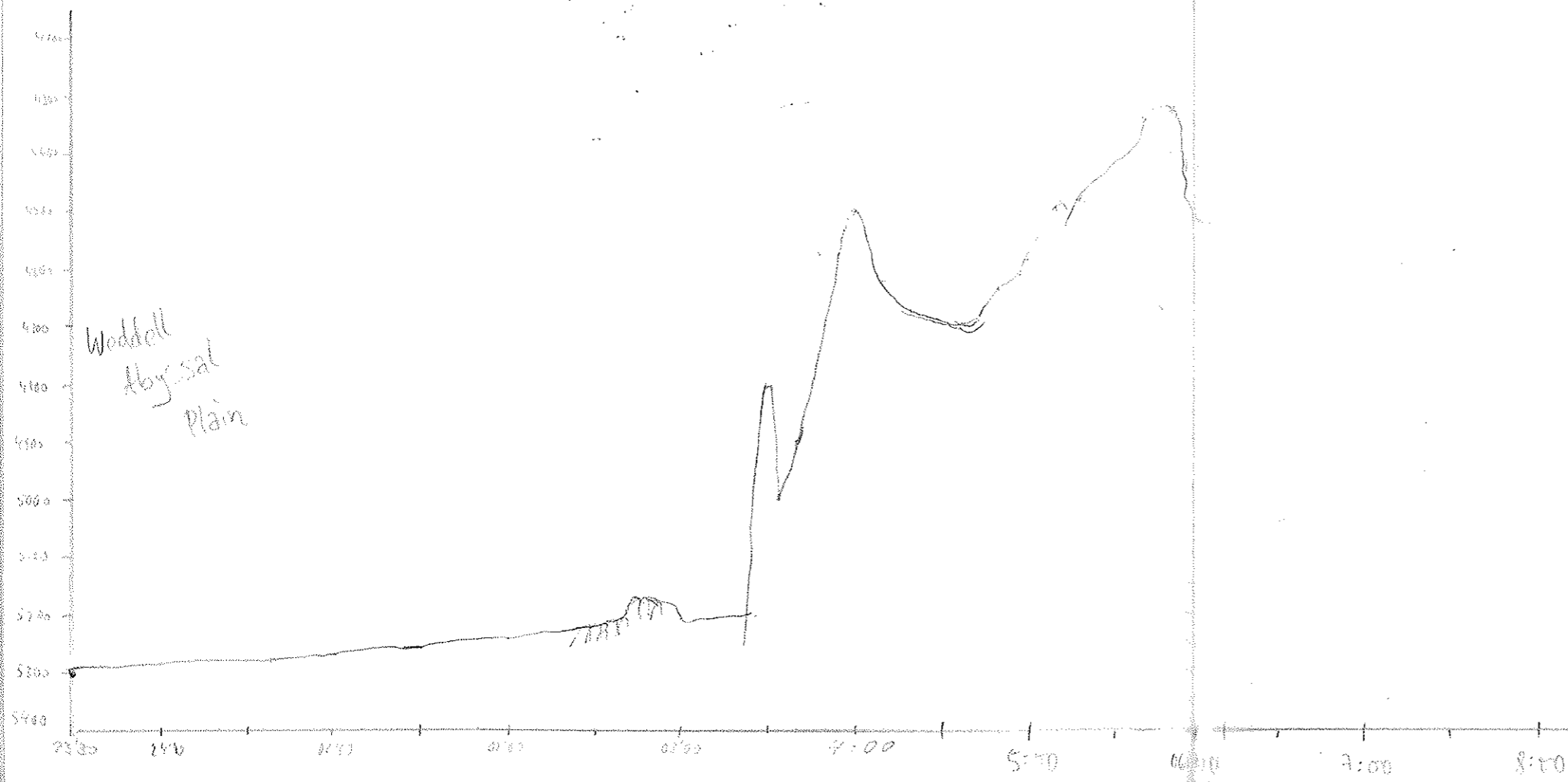


Rolle/Nr	Profil	Datum	Zeit	Lat (S)	Long (E)	Kurs	Geschw.	Wamkeit	Trippenfolge	Sweeps	Delay Facts	Puls	Protokoll	Bemerkungen
5	10/658	3/1/87	10.14	60 55 24	2 11 48	210.1	9.9	5268	KPK-P--	5	0.25	4	Moon	
"	"	"	10.30	60 58 98	2 10 30	191.9	10.1	5265	"	"	"	"	"	
"	"	"	10.36	60 59 40	2 09 39	189.8	9.9	5345	"	"	0.13	"	"	
"	"	"	11.00	61 03 16	2 08 51	190.4	8.8	5378	"	"	"	"	"	
"	"	"	11.28	"	"	"	"	"	"	"	0.00	"	"	
"	"	"	11.30	61 07 79	2 06 41	191.6	10.0	5397	"	"	"	"	"	
"	"	"	11.30	61 12 56	2 07 22	191.6	10.2	5401	"	"	"	"	"	See Hawkins
"	"	"	12.31	61 17 22	2 07 22	191.0	10.0	5397	"	"	"	"	"	
"	"	"	12.00	61 22 68	1 53 5	191.0	10.0	5397	"	"	"	"	"	
"	"	"	12.11	"	"	"	"	"	"	"	"	"	"	
"	"	"	12.11	"	"	"	"	"	"	"	"	"	"	
"	"	"	14.32	61 28 14	1 51 57	192.0	10.0	5397	"	"	"	"	"	
"	"	"	15.27	61 33 10	1 51 57	192.0	10.3	5378.0	"	"	"	"	"	
"	"	"	15.31	61 48 03	1 52 03	192.0	10.0	5381.0	"	"	"	"	"	
"	"	"	15.43	61 53 01	1 51 67	192.0	10.0	5382.0	"	"	"	"	"	
5	10/658	3/1/87	16.30	61 58 20	1 44 08	192.9	10.2	5384.0	KPK-P	5	0000	4	Lindner	
"	"	"	17.00	62 02 26	1 41 39	195.0	10.0	5385.0	"	"	"	"	"	
"	"	"	17.30	62 07 98	1 38 75	194.2	10.1	5369.0	"	"	"	"	"	
"	"	"	18.00	62 12 02	1 34 56	194.0	10.0	5367.0	"	"	"	"	"	
"	"	"	18.30	62 18 33	1 31 57	192.1	10.0	5363.0	"	"	"	"	"	
"	"	"	19.00	62 22 52	1 29 49	192.1	10.0	5361.0	"	"	"	"	"	
"	"	"	19.30	62 27 73	1 27 04	191.4	9.9	5352.0	"	"	"	"	"	
"	"	"	20.00	62 32 42	1 23 00	191.0	9.9	5353.0	"	"	"	"	"	
"	"	"	20.30	62 37 32	1 21 27	190.9	10.3	5349.0	"	"	"	"	"	
"	"	"	21.00	62 42 51	1 18 61	190.9	10.4	5344.0	"	"	"	"	"	Jelut
"	"	"	21.30	62 47 46	1 16 17	190.7	10.4	5340.0	"	"	"	"	"	
"	"	"	22.00	62 52 06	1 13 28	191.2	9.3	5333.0	"	"	"	"	"	
"	"	"	22.30	62 57 10	1 10 26	191.6	10.1	5330.0	"	"	"	"	"	
"	"	"	23.00	63 03 23	1 07 09	191.7	10.3	5318.0	"	"	"	"	"	

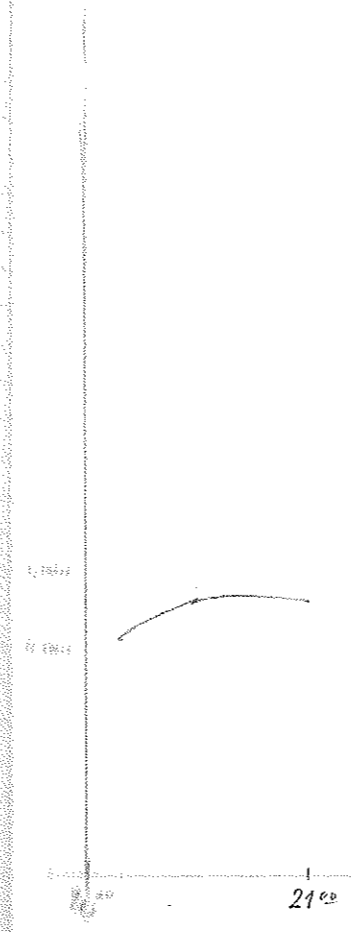
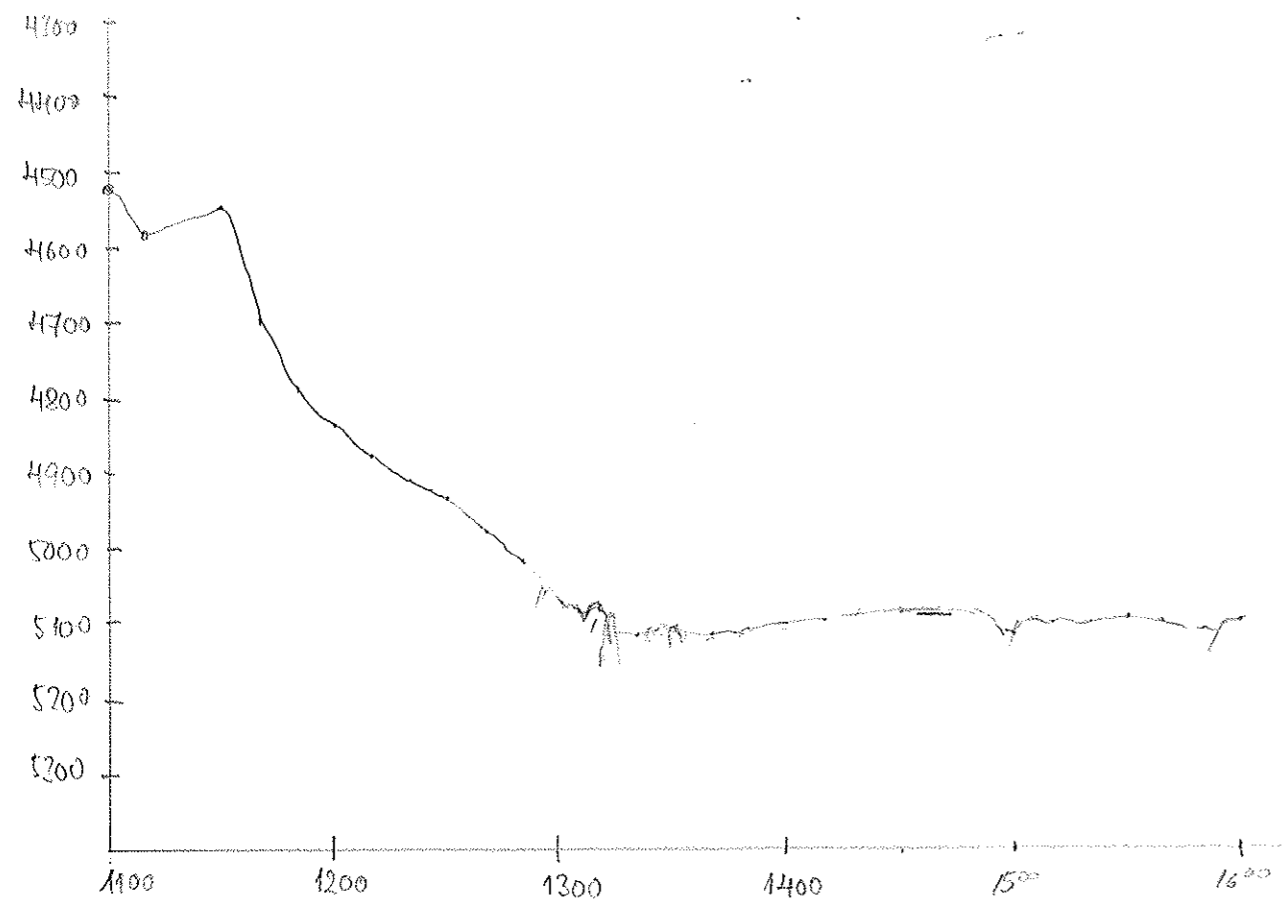


Reife Nr.	Profil	Datum	Zeit	Lat (S)	Long (E)	Kurs	Gradus	Wassertiefe	Trigger-Folge	Sweep	Delay	Puls	Protokoll	Bemerkungen
5	19/658	2/1/87	23:30	63 09.66	1 05.12	192	17.9	5306.0	KPK-P	5	0006	4	Folkt	
"	"	"	24:00	63 15.91	1 00.58	191.1	11.5	5286.0	"	"	"	"	"	
"	"	4/1/87	0:38	73.36	0 56.02	192.4	12.4	5287.0	"	"	"	"	Niederjaspert	
"	"	"	1:00	28.01	53.47	192.7	12.3	5269.0	"	"	"	"	"	
"	"	"	1:37	34.11	50.44	190.7	12.6	5267.0	"	"	"	"	"	
"	"	"	2:00	40.74	47.84	190.9	12.6	5248.0	"	"	38	"	"	
"	"	"	2:37	47.80	43.55	192.8	12.5	5219	"	"	"	"	"	
"	"	"	3:00	52.40	40.88	192.8	12.6	5213	"	"	"	"	"	
"	"	"	3:30	58.50	37.15	193.2	12.6	4974	"	"	"	"	"	
"	"	"	3:47	64 00.79	35.92	192.7	12.7	4906	KP	2	13	"	"	
"	"	"	3:45	01.77	35.38	191.9	12.6	4794	"	"	38	"	"	
"	"	"	3:55	03.81	34.28	192.0	12.0	4578	KP-K-P-	7	25	"	"	
			4:10	6.81	32.47	193.4	12.4	4606	KP	2	38	"	"	
			4:58	16.15	26.77	192.2	11.1	4615	KP-K-P-	7	13	"	"	
			5:21	20.63	24.46	189.4	9.3	4432			38	"	"	
			5:30	21.96	23.84	194.4	3.2	4398				"	"	

Verminderte Beschr., da das Magnetometer eingeholt wurde: 05:30 bis 06:20, danach abgeschlossen

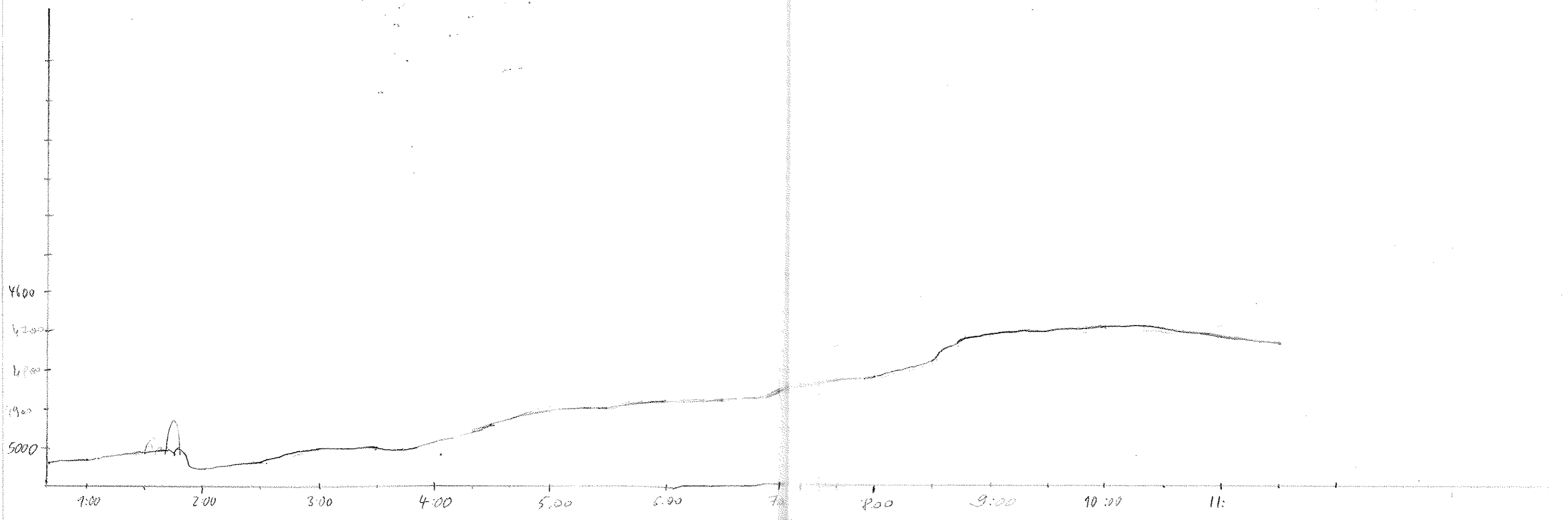


ROLLE NR.	PROFIL	DARF	ZEIT	LAT °	LONG E/W	KURS	GESCHW.	WASSERTIEFE	TRIGGER-FOLGE	SWEEP	DELAY	PULS	PROTOKOLL	BEMERKUNGEN
5	467000	1987	10.55	64° 24.82'	0° 14.32'	236.1	10.3	4496	KP-K-P-	7	0.38	4	Rtla	
"	"	"	11.00	64° 26.44'	0° 12.15'	236.4	12.8	4516	KP-K-P-	7	0.38	"	"	
"	"	"	11.10	64° 26.79'	0° 07.15'E	236.5	12.9	4588	KP----	2	0.38	4	"	
"	"	"	11.20	64° 29.30'	0° 01.39'W	236.8	12.9	4547	KP----	2	0.38	"	"	
"	"	"	12.00	64° 32.83'	0° 14.14'	238.3	12.9	4839	KP	2	0.38	"	Rtla	
"	"	"	12.25	64° 35.41'	0° 24.42'W	238.5	12.9	4924	KP-----	2	0.13	"	Darstellung	
"	"	"	13.00	64° 39.23'	0° 40.11'	237.8	13.1	5072	"	"	"	"	"	
"	"	"	13.10	64° 40.75'	0° 44.21'	237.3	12.7	5099	"	"	0.00	"	"	
"	"	"	13.35	64° 43.13'	0° 55.28'	239.5	13.0	5114	"	"	"	"	"	
"	"	"	14.00	64° 45.84'	1° 06.51'	240.4	13.2	5097	"	"	"	"	"	
"	"	"	14.30	64° 49.13'	1° 20.18'	239.5	13.2	5085	"	"	"	"	"	
"	"	"	15.00	64° 52.29'	1° 31.78'	243.0	13.3	5107	"	"	"	"	"	
"	"	"	15.30	64° 55.22'	1° 45.42'	242.9	12.7	5085	"	"	"	"	"	
"	"	"	15.37	64° 55.90'	1° 48.48'	242.7	12.7	5091	"	"	"	"	"	Machine wird montags fertig (Rausen)
"	"	"	15.45	64° 56.77'	1° 51.96'	242.6	12.5	5102	"	"	"	"	"	
"	"	"	15.50	64° 57.26'	1° 54.17'	242.8	12.1	5104	"	"	"	"	"	
"	"	"	15.55	64° 57.70'	1° 56.18'	242.2	11.4	5103	"	"	"	"	"	
"	"	"	16.00	64° 58.08'	1° 57.96'	245.2	8.8	5083	"	"	"	"	"	
"	"	"	16.09	64° 58.24'	1° 57.28'	229.6	6.2	5072	"	"	"	"	"	Kursänderung
"	"	"	16.09	64° 58.57'	2° 00.02'	224.6	4.9	5073	"	"	"	"	"	ENDE
"	"	"	16.12	64° 58.67'	2° 02.24'	229.0	0.5	-	"	"	"	"	"	
"	"	"	20.13	"	"	280.0	4.0	5072	"	"	"	"	Karten	Stationende → Fahrtaufnahme
"	"	"	20.30	64° 57.64'	2° 04.73'	277.0	11.0	5040	"	"	"	"	"	
"	"	"	20.45	64° 56.80'	2° 14.20'	289.0	13.1	5039	"	"	"	"	"	
"	"	"	21.00	64° 56.24'	2° 27.46'	288.7	13.1	5039	"	"	"	"	"	
"	"	"	21.16	64° 55.02'	2° 30.43'	290.0	12.6	5058	"	"	"	"	Karten	21.08: - Nach 2 sm, dann Schiff drohen
"	"	"	21.20	"	"	"	"	"	"	"	"	"	Karten	Kursänderung - Station Verankerung
														Gerät abgeschaltet
														Verankerung ausgetrieben

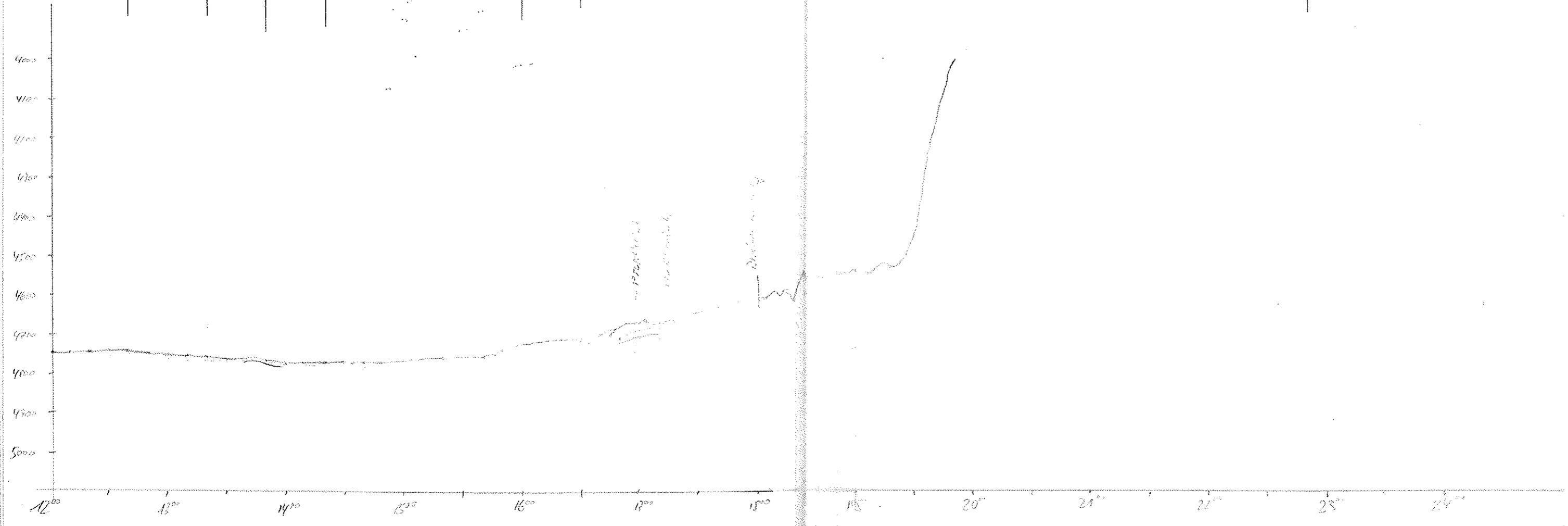


Rolle Nr	Profil	Datum	Zeit	Lat S	Long	Course	Kurs	Wanztiefe	Trigger-Folge	Sweeps	Delay	Pulse Length	Protokoll	Bemerkungen
6	10/62	5.1.87	0:47	64° 55.81	2° 32.92 W	2.8	198.7	5044	KP	2	0.00	4	Kuhn	Papier + Schreibzettel gewechselt
"	"	"	1:00	64° 57.85	2° 33.75 W	11.8	199.4	5036	KP	2	0.00	4	"	
"	"	"	1:30	65° 02.27	2° 38.35 W	9.8	196.6	5017	KP	2	0.00	4	"	
"	"	"	2:00	65° 06.63	2° 41.79 W	3.7	198.6	5051	KP	2	0.00	4	"	
"	"	"	2:30	65° 11.57	2° 45.01 W	10.0	198.2	5036	KP	2	0.00	4	"	
"	"	"	3:00	65° 16.40	2° 49.36 W	10.0	200.1	5005	KP	2	0.00	4	"	
"	"	"	3:30	65° 20.97	2° 53.37 W	9.6	200.3	4998	KP	2	0.00	4	"	
"	"	"	4:00	65° 25.76	2° 57.25 W	9.9	200.2	4970	KP	2	0.00	4	Henriette	
"	"	"	4:30	65° 30.32	3° 01.14 W	10.1	201.5	4938	"	"	"	"	"	
"	"	"	5:00	65° 34.89	3° 05.53 W	9.6	202.9	4913	"	"	"	"	"	
"	"	"	5:30	65° 39.39	3° 09.87 W	10.0	202.8	4898	"	"	"	"	"	
"	"	"	5:40	65° 40.97	3° 11.41 W	9.9	201.2	4879	"	"	0.25	"	"	
"	"	"	6:00	65° 44.13	3° 14.47 W	10.1	203.6	4871	"	"	"	"	"	
"	"	"	6:30	65° 48.31	3° 18.83 W	9.7	203.5	4873	"	"	"	"	"	
"	"	"	7:00	65° 52.69	3° 23.36 W	10.0	203.7	4876	"	"	"	"	"	
"	"	"	7:30	65° 57.14	3° 27.70 W	9.8	204.2	4850	"	"	"	"	"	
"	"	"	8:00	66° 01.69	3° 31.74 W	9.4	200.3	4809	"	"	"	"	"	
"	"	"	8:30	66° 06.08	3° 35.65 W	11.4	200.8	4766	"	"	"	"	"	
"	"	"	9:15	66° 15.31	3° 41.66 W	13.4	199.8	4701	"	"	"	"	Wieder	
"	"	"	9:32	66° 19.21	3° 49.01 W	13.7	197.2	4689	"	"	0.38	"	Wieder	
"	"	"	10:01	66° 25.00	3° 53.40 W	13.7	195.2	4687	"	"	"	"	Wieder	
"	"	"	10:05	66° 26.27	3° 54.61 W	13.6	188.8	4686	"	"	"	"	Wieder	
"	"	"	10:29	66° 31.29	3° 58.62 W	13.6	186.4	4682	"	"	"	"	Wieder	
"	"	"	10:45	66° 34.82	3° 59.24 W	13.7	189.3	4692	"	"	"	"	Wieder	
"	"	"	11:00	66° 37.55	4° 01.74 W	13.2	200.7	4701	"	"	"	"	"	
"	"	"	11:30	66° 43.60	4° 07.41 W	13.5	200.5	4723	"	"	"	"	"	

Kursänderung nach backward
 Kursänderung nach starboard
 Kursänderung 200°



Rolle Nr	Profil	Datum	Zeit	Lat S	Lon W	Geschw	Ums	Wasserhöhe	Triggerfolge	Seewegs	Delay	Pulse Länge	Protokolle	Bemerkungen
6	10/602	51.87	12 ⁰⁰	66°49.81	4°13.27	13.5	199.8	4748	KP - - - -	2	0.38	4	Dauwke	
"	"	"	12 ²⁰	66°50.15	4°18.49	13.6	202.9	4743	"	"	"	"	"	
"	"	"	13 ⁰⁰	67°02.21	4°25.34	8.7	209.1	4754	"	"	"	"	"	
"	"	"	13 ³⁰	67°08.31	4°32.15	13.5	203.7	4768	"	"	"	"	"	
"	"	"	14 ⁰⁰	67°14.51	4°38.67	13.3	203.2	4775	"	"	"	"	"	
"	"	"	14 ³⁰	67°20.58	4°45.22	13.5	203.3	4773	"	"	"	"	"	
"	"	"	15 ⁰⁰	67°26.96	4°52.11	13.3	202.0	4768	"	"	"	"	"	
"	"	"	15 ³⁰	67°33.24	4°58.43	13.6	200.8	4770	"	"	"	"	"	
"	"	"	16 ⁰⁰	67°39.58	5°04.91	13.8	200.1	4729	"	"	"	"	"	
"	"	"	16 ³⁰	67°45.85	05°10.75	13.3	200.6	4717	"	"	"	"	"	Schüler
"	"	"	17 ⁰⁰	67°51.58	05°17.24	13.6	203.8	4663	"	"	"	"	"	
"	"	"	17 ¹⁵	67°55.83	05°22.94	13.8	198.2	4657	"	"	"	"	"	
"	"	"	17 ³⁰	67°58.21	05°24.36	13.6	198.5	4645	"	"	"	"	"	
"	"	"	18 ⁰⁰	68°04.78	05°31.12	13.2	199.4	4611	KP - K - P -	7	.13	"	"	auf Frequenz 4406-4731 umgestellt
"	"	"	18 ³⁰	68°11.14	05°36.58	13.7	199.4	4567	"	"	"	"	"	
"	"	"	19 ⁰⁰	68°17.25	05°42.37	13.8	199.6	4541	"	"	"	"	"	
"	"	"	19 ³⁰	68°22.51	05°48.07	12.7	199.5	4516	"	"	"	"	"	auf Frequenz 44031-4406 umgestellt
"	"	"	19 ³⁵	68°25.22	05°50.54	10.2	201.4	4907	KP - - - -	2	.13	"	"	auf Frequenz 3656-4031 umgestellt
"	"	"	19 ⁴⁵	68°26.53	05°51.93	9.7	201.3	3935	"	"	.13	"	"	auf Frequenz 3844-4215 umgestellt
"	"	"	19 ⁵⁵	68°27.63	05°52.25	10.6	201.3	3948	"	"	.38	"	"	
"	"	"	20 ⁰⁰	68°28.65	05°54.17	10.4	201.5	3805	"	"	"	"	"	



auf Frequenz 4406-4731 umgestellt

auf Frequenz 44031-4406 umgestellt

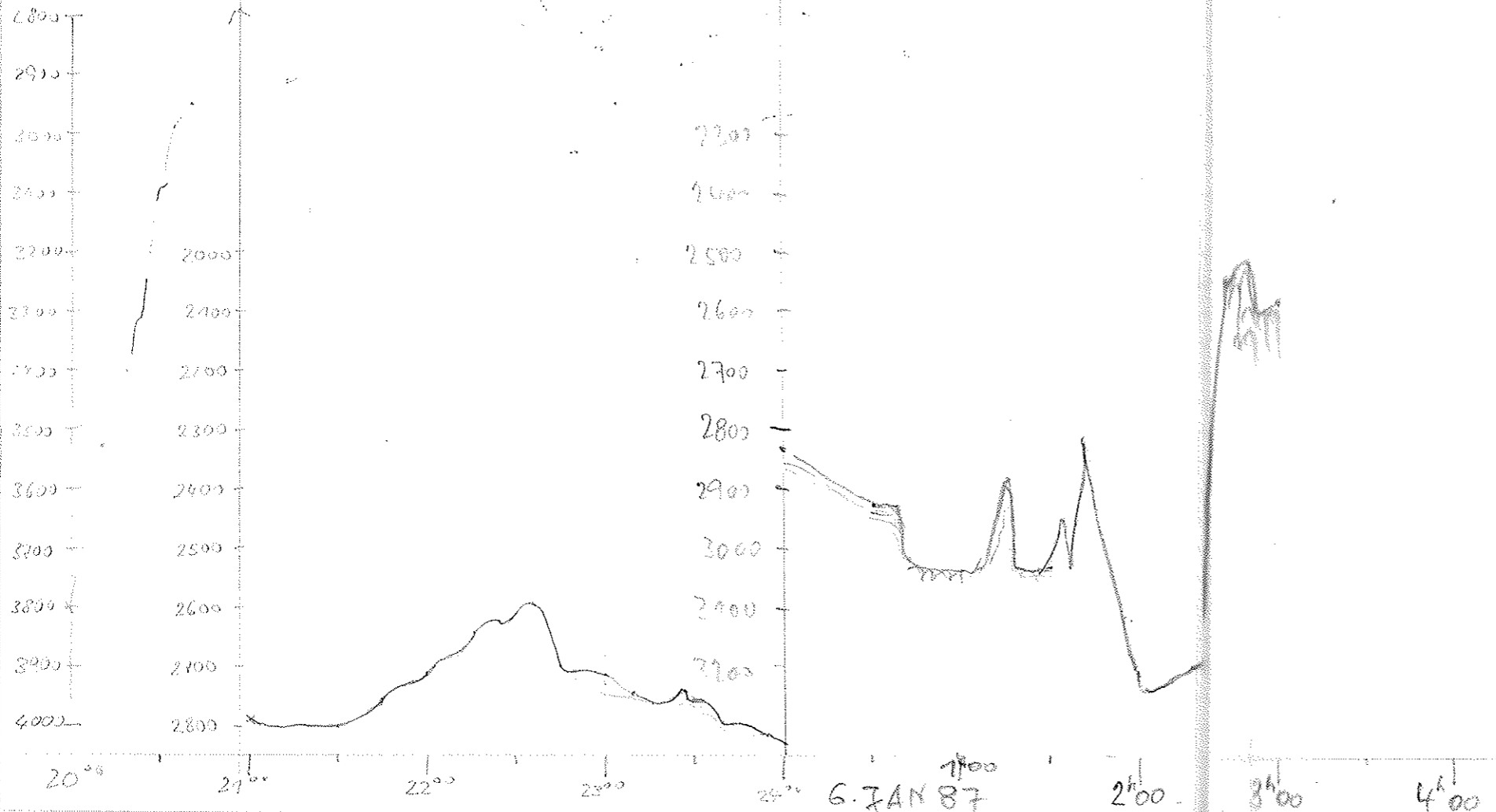
auf Frequenz 3656-4031 umgestellt

auf Frequenz 3844-4215 umgestellt

Rolle Nr.	Profil	Datum	Zeit	Lat S	Lon W	Gravim.	Kur	Wassertiefe	Triggerfolge	Sweep	Delay	Pulzlage	Protokoll
6	10/661	4.1.	20 ⁰⁴	68° 30' 11	5° 55' 72	10.4	200.3	3523	KP	2	0	4	Or
"	"	"	20 ⁰⁷	68° 31' 08	5° 56' 74	10.5	200.8	3338	K-P	3	0	4	"
"	"	"	20 ¹⁰	68° 34' 35	6° 00' 72	10.4	200.5	2949	KP	2	0	4	"
"	"	"	21 ¹⁶	68° 40' 99	6° 02' 62	10.9	201.0	2807	KP	2	0	4	"
"	"	"	21 ⁴⁶	68° 46' 02	6° 13' 15	10.6	200.7	2755	KP	2	0	4	"
"	"	"	22 ¹⁵	68° 51' 24	6° 17' 91	10.7	199.5	2636	KP	2	25	4	"
"	"	"	22 ⁴⁶	68° 56' 59	6° 23' 23	10.6	201.6	2700	KP	2	25	4	"
"	"	"	23 ¹⁰	69° 00' 51	6° 27' 45	10.7	201.5	2748	KP	2	0	4	"
"	"	"	23 ¹⁷	69° 01' 69	6° 28' 76	10.4	201.3	2757	KP	2	0	4	"
"	"	"	23 ⁴⁵	69° 06' 29	6° 33' 71	10.7	201.5	2796	KP	2	0	4	"
"	"	"	24 ⁰⁰	69° 08' 82	6° 36' 55	10.5	201.7	2832	KP	2	0	4	"
6	10/662	6. JAN 87	0 ³⁰	69 13.65	6 41.22	10.6	199.9	2925	KP	2	0	4	Lindner
"	"	"	0 ⁴²	69 16.13	6 44.28	10.5	200.1	3019	K-P	3	0	4	"
"	"	"	0 ⁴⁵	69 16.60	6 44.80	10.5	199.8	3010	K-P	3	0.25	4	"
"	"	"	1 ⁰⁰	69 18.77	6 46.95	10.7	200.1	3033	K-P	3	0.25	4	"
"	"	"	1 ¹⁸	69 22.85	6 50.49	10.8	200.2	2881	KP	2	0.25	4	"
"	"	"	1 ³⁰	69 23.89	6 52.13	10.4	200.0	3027	K-P	3	0.25	4	"
"	"	"	1 ⁴⁰	69 25.45	6 53.71	10.5	199.5	2923	K-P	3	0.38	4	"
"	"	"	1 ⁴¹	"	"	"	"	3011	K-P	3	0.13	4	"
"	"	"	1 ⁴²	69 26.00	6 54.09	10.8	203.6	2805	KP	3	0.13	4	"
"	"	"	1 ⁴⁶	69 26.81	6 55.07	10.5	200.4	2992	K-P	3	0.25	4	"
"	"	"	1 ⁵⁵	69 28.26	6 56.38	10.5	201.4	3133	K-P	3	0.12	4	"
"	"	"	2 ⁰⁰	69 28.83	6 57.27	10.8	199.9	3202	K-P	3	0.12	4	"
"	"	"	2 ⁰²	"	"	"	"	3240	K-P	3	0.00	4	"
"	"	"	2 ³⁰	69 33.96	7 02.64	10.8	200.0	3195	K-P	3	0.00	4	"
"	"	"	2 ⁴²	69 36.22	7 05.26	10.7	202.2	2598	KP	2	0.25	4	"
"	"	"	2 ⁴³	"	"	"	"	2580	KP	2	0.12	4	"
"	"	"	2 ⁴⁴	"	"	"	"	2546	KP	2	0.38	4	"

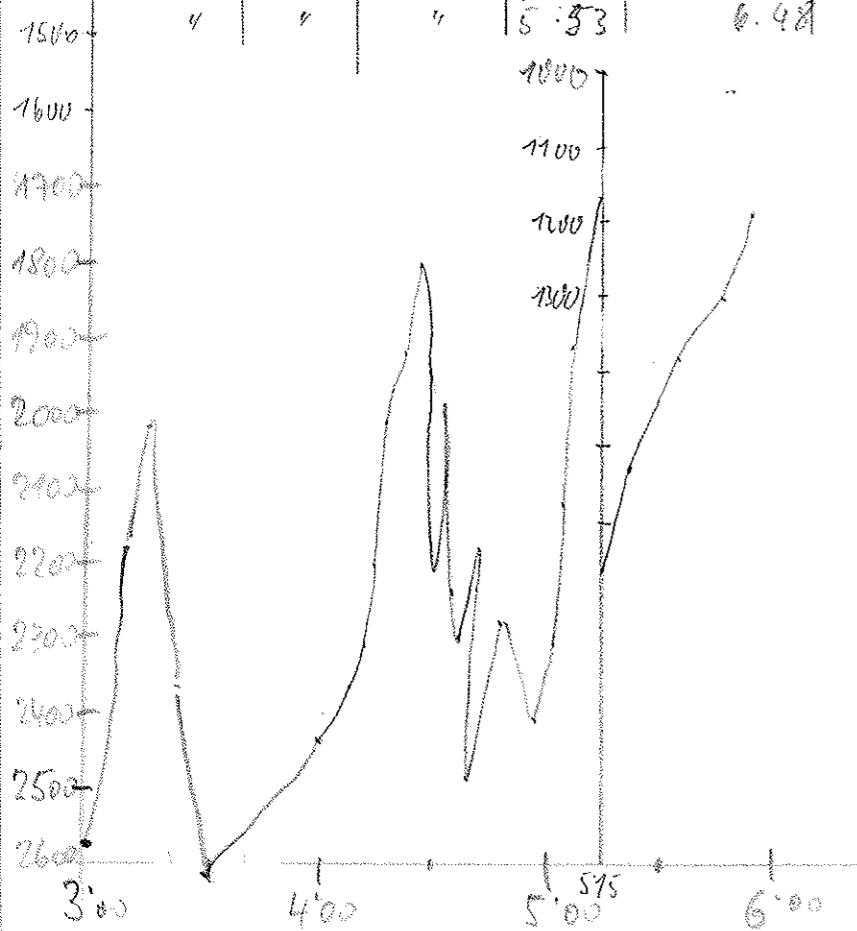
Vorderbein auf Wasserbein

Lindner



6. JAN 87 11:00 2:00 3:00 4:00

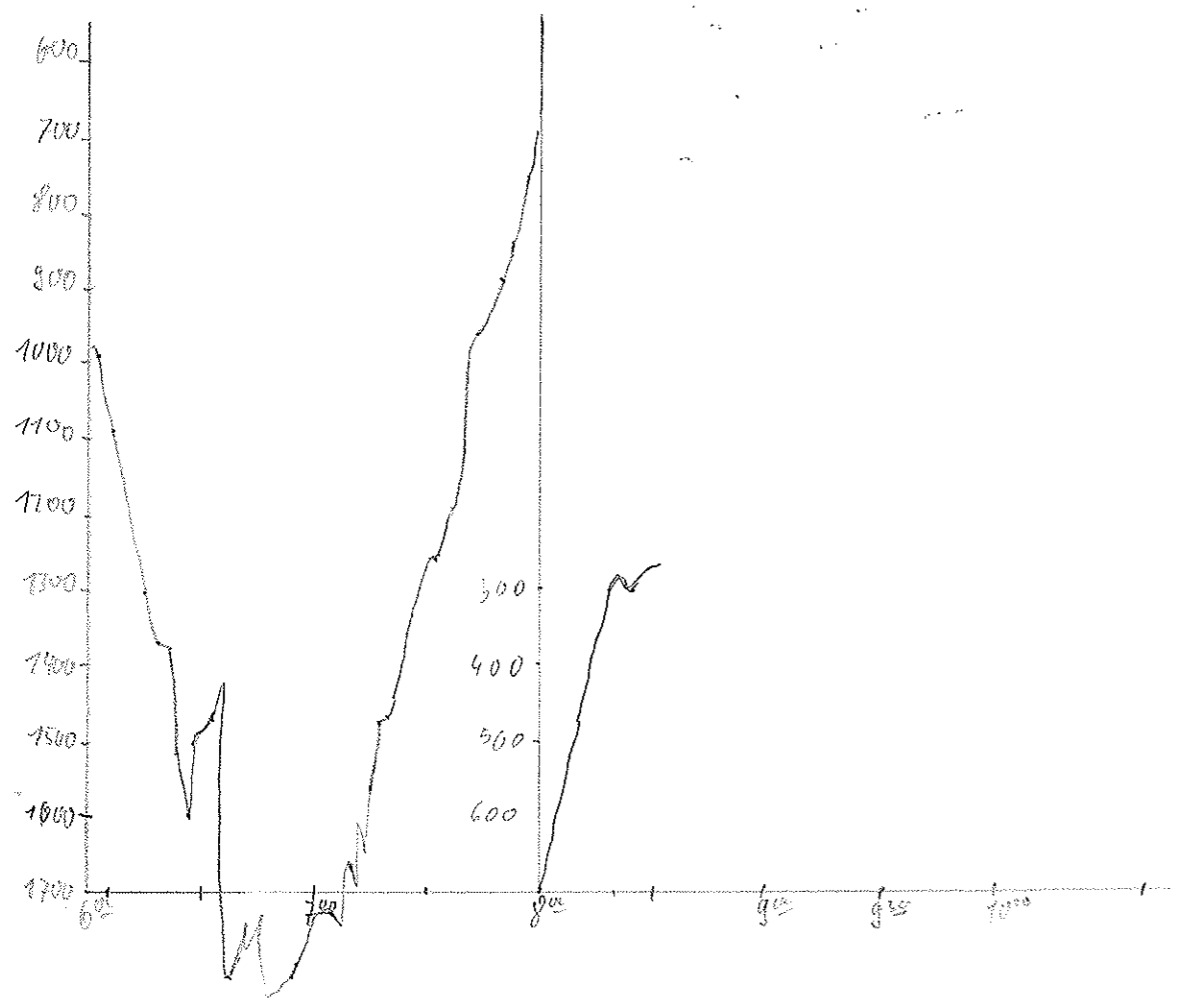
Rolle Nr.	Profi	Datum	Zeit	Lat. S	Long W	Geschw	Kurs	Wassertiefe	Triggerfolge	Sweeps	Delay	Pulslänge	Protokoll	Bemerk.
6	10/662	6.1.87	3:00	69° 39.04	7° 08.42	10.5	202.2	2573	KP	2	0.38	4.0	Wachner	} stark gegliedert und tiefenvariabler Untergang
4	"	"	3:04	69 39.83	7 09.39	10.5	202.4	2362	KPKP-	5	0.00	4.0	"	
"	"	"	3:06	"	"	"	"	2250	KPKP-	5	0.25	"	"	
"	"	"	3:09	69 40.15	7 10.04	10.4	202.0	2180	KPKP-	5	0.38	"	"	
4	"	"	3:15	69 41.78	7 11.62	10.4	201.2	2024	KP	2	0.00	"	"	
"	"	"	3:22	"	"	"	"	2370	KPKP-	5	0.25	"	"	
"	"	"	3:23	"	"	"	"	2520	KPKP-	5	0.13	"	"	
"	"	"	3:25	69 43.41	7 13.44	10.4	200.2	2602	KP	2	0.38	"	"	
"	"	"	3:30	69 44.10	7 14.19	10.5	201.2	2615	KP	2	0.38	"	"	
"	"	"	4:00	69 49.34	7 19.48	10.8	200.9	2440	KP	2	0.38	"	"	
"	"	"	4:08	50.71	20.84	10.5	200.8	2368	KPKP-	5	0.00	"	Ti	
"	"	"	4:13	51.62	21.26	10.6	200.9	2324	KPKP-	5	0.13	"	Ti	
"	"	"	4:15	"	"	"	"	2208	KPKP-	5	0.38	"	Ti	
"	"	"	4:18	"	"	"	"	2019	KP	2	0.00	"	Ti	
"	"	"	4:23	33.82	23.07	10.8	200.6	1830	KP	2	0.13	"	Ti	
"	"	"	4:26	"	"	"	"	1803	KP	2	0.38	"	Ti	
"	"	"	4:28	"	"	"	"	1946	KP	2	0.13	"	Ti	
"	"	"	4:33	"	"	"	"	2201	KPKP-	5	0.38	"	Ti	
"	"	"	4:34	55.32	25.77	10.6	200.7	2000	KP	2	0.13	"	Ti	
"	"	"	4:37	"	"	"	"	2241	KP	2	0.00	"	Ti	
"	"	"	4:38	"	"	"	"	2301	KPKP-	5	0.25	"	Ti	
"	"	"	4:38	"	"	"	"	2480	KPKP-	5	0.00	"	Ti	
"	"	"	4:49	57.74	27.77	10.6	201.0	2278	KPKP-	5	0.25	"	Ti	
"	"	"	4:57	59.48	24.70	10.5	200.5	2406	KPKP-	5	0.00	"	Ti	
"	"	"	5:02	69 59.46	7 30.23	10.8	200.2	2309	KPKP-	5	0.25	"	Ti	
"	"	"	5:05	"	"	"	"	2123	KP	2	0.00	"	Ti	
"	"	"	5:09	70 01.52	31.95	11.1	202.8	1919	KP	2	0.25	"	Ti	
"	"	"	5:15	02.42	32.05	10.8	202.8	1723	KPKP-P	5	0.00	"	Ti	
6	10/662	6.1.87	5:23	03.58	34.65	8.9	209.8	1536	KPKP-P	5	0.25	"	Ti	
"	"	"	5:36	04.42	35.00	6.9	200.6	1387	KPKP-P	5	0.38	"	Ti	
"	"	"	5:48	05.78	36.46	8.6	205.8	1302	KPKP-P	5	0.38	1.0	Ti	
"	"	"	5:53	06.48	37.33	9.7	205.9	1130	KP	2	0.00	1.0	Ti	



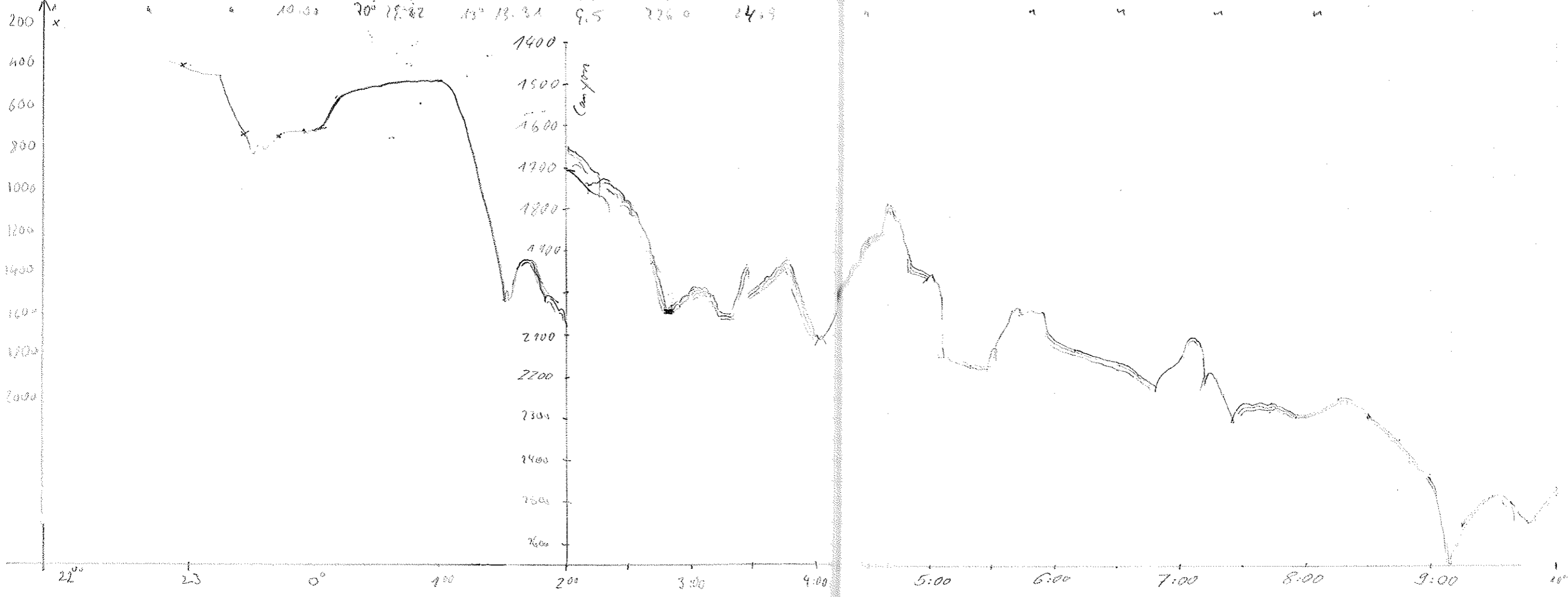
" von Brücke:
 " Schiff Poller über Eis run"
 " Magnetometer soll einse-
 " bracht werden"
 Prof. Wechsel nach K.L.
 7.1.86

Rollen Nr.	Profil	Datum	Zeit	Lat. S	Long. W	Beschw.	Kurs	Wassertiefe	Triggerpulze	Sweeps	Delay	Pulslänge	Protokoll	Bemerk.
6	10/662	6.1.87	5:55	570 06' 30"	W 7 37.88	9.8	205.5	1154	KP	2	0.25	1.0	Ti	
"	"	"	6:04	8.00	40.95	9.8	205.2	983	K-P	3	0.00	1.0	Di	
"	"	"	6:06					1089	KP	2	0.25	1.0	Ti	
"	"	"	6:15	9.53	43.08	9.8	205.2	1303	KP	2	0.13	1.0	Ti	
"	"	"	6:18					1373	KP	2	0.00	1.0	Ti	
"	"	"	6:23	10.96	44.57	10.1	198.7	1566	KPK-P	5	0.25	1.0	Ti	
"	"	"	6:36	13.30	46.79	10.1		1872					Ti	
"	"	"	6:58	16.34	49.78	10.3	198.0	7777					Di	
"	"	"	7:00										Ti	
"	"	"	7:03	17.08	50.44	10.0	198.0	7730	KP	2	0.38	1.0	Ti	
"	"	"	7:10	17.90	51.20	8.6	198.2	7665	KPK-P	5	0.00	1.0	Ti	
"	"	"	7:14	15.11	48.61	8.7	200.8	1554	KPK-P	5	0.13	1.0	Ti	
"	"	"	7:21	19.55	53.63	8.8	202.6	1440	KPK-P	5	0.38	1.0	Ti	
"	"	"	7:37	21.60	55.05	11.7	200.8	1253	KP	2	0.00	1.0	Ti	
"	"	"	7:38	23.30	55.86	11.7	200.7	1144	KP	2	0.25	1.0	Ti	
"	"	"	7:43	23.18	56.40	9.7	200.1	966	KP	2	0.38	1.0	Ti	
"	"	"	7:52	24.61	59.76	10.6	198.6	845	K-P	3	0.13	1.0	Ti	
"	"	"	7:58	25.65	8° 01.08	9.8	200.2	685	K-P	3	0.38	1.0	Ti	
"	"	"	8:04	26.80	2.60	9.0	199.6	521	KP	2	0.25	1.0	Ti	
"	"	"	8:40	30.58	5.84	2.8	162.0	243	KP	2	0.25	1	K/L	

Papierrolle defekt. Elektro-
wieder in Betrieb. [weiter gefahren]
wieder außer Betrieb.
in Betrieb!



Rolle Nr.	Profil	Datum	Zeit	Lat S	Long. W.	Geschw.	Kurs	Wamendrift	Triggereffekt	Sweeps	Delay	Pulse Length	Protokoll	Bemerkungen
7	10/663	7.1.87	21:55	70°32,20	8°04,74	5.7	73.7	202	KP	2	0.38	7	Kuh	
			22.55	70°26,57	8°21,36	9.7	310.7	415	KP	2	0.0		Tonn	
			23.25	70°24,04	8°32,75	8.8	234.7	730	K-P	3	0.0	"	"	
			23.41	70°23,15	8°40,67	10.1	239.7	755	K-P	3	25	"	"	
	10/664		23.56	70°21,55	8°42,00	10.1	218.4	730	K-P	3	25	"	"	
	"	8.1.87	00:30	70°21,47	9°05,16	9.1	287.7	500	K-P	3	0.38	"	Kuhre	
	"	"	01:00	70°21,96	9°18,59	8.0	251.2	480	KP	2	0.00	7	"	
	"	"	1:30	70°22,66	9°37,02	10.4	282.9	7538	KPK-P	5	0.00	"	"	
	"	"	1:40	70°23,14	9°35,20	6.6	234.5	7369	KPK-P	5	0.25	7	"	
	"	"	2:00	70°23,50	9°45,33	7.7	307.6	7640	KPK-P	5	0.25	7	"	
	"	"	2:05	70°23,08	9°46,67	7.7	306.7	7650	KPK-P	5	0.00	7	"	
	"	"	2:30	70°21,67	9°55,77	8.5	289.8	7823	KP	2	0.13	7	"	
	"	"	3:00	70°20,65	10°08,69	9.9	284.6	7985	KP	2	0.13	7	"	
	"	"	3:30	70°20,13	10°23,44	10.1	285.2	7971	KP	2	0.13	7	"	
	"	"	4:00	70°19,57	10°37,53	10.3	266.8	2095	KP	2	0.13	7	"	
"	"	"	4:29	70°19,30	10°51,87	9.9	277.2	1865	"	"	0.25	"	"	
"	10/665	"	5:00	18.93	11°05,74	9.6	268.6	1959	"	"	"	"	Niederjasser	
"	"	"	5:11	15.05	11.22	10.2	269.4	2140	"	"	0.00	"	"	
"	"	"	5:40	19.31	24.76	10.1	267.0	2167	"	"	"	"	"	
"	"	"	6:10	20.24	38.75	10.2	265.4	2136	"	"	"	"	"	
"	"	"	6:40	20.79	54.77	10.5	305.7	2195	KPK-P	5	0.38	"	"	
"	"	"	7:12	21.94	12°06,37	10.2	266.5	2226	"	"	"	"	"	
"	"	"	7:43	22.80	19.43	10.4	265.9	2270	"	"	"	"	"	
"	"	"	7:55	22.08	23.71	9.7	293.6	2299	"	"	"	"	"	
"	"	"	8:30	70°21,92	11°38,58	9.8	268.4	2293	"	"	"	"	"	Johat
"	"	"	9:00	70°23,15	11°51,24	9.1	267.5	2403	"	"	"	"	"	9:02 Kursänderung auf 731°
"	"	"	9:30	70°25,91	12°01,55	9.5	277.7	2476	"	"	0.00	"	"	
"	"	"	10:00	70°18,82	13°13,31	9.5	276.0	2419	"	"	"	"	"	



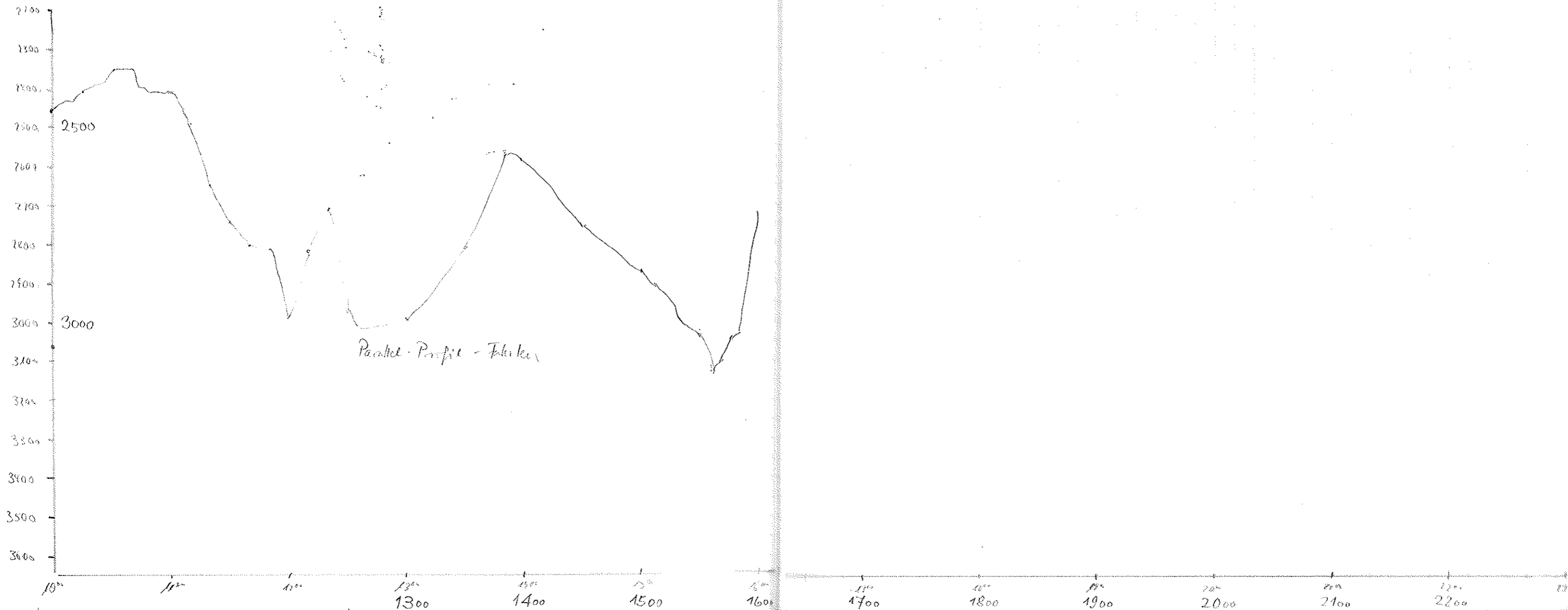
Profile No.	Profile	Datum	Zeit	Lat S	Long W	Ges. H.	Kurs	Wasser H. H.	Triggerefolge	Sweeps	Delay	Pulse Length	Protokoll
7	10/665	8.1.87	10:30	70° 32.39	13° 27.52	19.6	226.2	2505	KP ---	5	0.0	1	folgt
"	"	"	11:00	70° 36.06	13° 32.72	10.4	215.6	2405	"	"	"	"	"
"	10/666	"	11:22	70° 39.71	13° 40.39	10.0	217.5	2657	KP ---	2	0.13	"	"
"	"	"	11:30	70° 39.85	13° 41.54	9.9	198.3	2745	"	"	"	"	"
"	"	"	12:00	70° 44.33	13° 46.22	9.9	151.7	3042	K-P --	3	0.13	"	"
"	"	"	12:09	70° 45.88	13° 47.88	10.3	198.2	2821	K-P --	3	0.38	"	"
"	"	"	12:20	70° 47.82	13° 49.81	10.2	196.6	2604	KP ---	2	0.13	"	Rite
"	"	"	12:30	70° 47.90	13° 53.27	10.2	291.5	2973	K-P --	3	0.13	"	"
"	"	"	12:22	70° 47.58	13° 52.55	7.0	26.6	2919	KP ---	2	0.13	"	"
"	"	"	12:26	70° 47.27	13° 52.97	8.6	23.2	3024	K-P --	3	0.13	"	"
"	"	"	13:00	70° 43.87	13° 49.37	9.3	20.3	2985	K-P --	3	0.13	"	"
"	"	"	13:05	70° 42.95	13° 48.42	9.8	20.8	2915	KP ---	2	0.13	"	"
"	"	"	13:30	70° 39.67	13° 45.85	9.6	26.6	2805	KP ---	2	0.13	"	"
"	"	"	13:52	70° 26.60	13° 41.98	9.6	23.8	2582	KP ---	2	0.13	"	"
"	"	"	14:00	70° 26.75	13° 45.48	10.2	228.3	2583	KP ---	2	0.13	"	"
"	"	"	14:02	70° 27.86	13° 46.44	8.8	194.7	2584	KP ---	2	0.13	"	"
"	"	"	14:30	70° 39.50	13° 48.41	4.8	173.7	2753	KP ---	2	0.13	"	"
"	"	"	15:00	70° 41.40	13° 51.00	4.9	190.2	2878	KP ---	2	0.13	"	"
"	"	"	15:05	70° 41.86	13° 51.59	4.9	192.2	2909	K-P --	3	0.38	"	"
"	"	"	15:20	70° 41.76	13° 53.95	5.1	199.0	3021	"	"	"	"	"
"	"	"	15:35	70° 44.23	13° 54.51	4.9	189.2	3155	K-P --	3	0.00	"	"
"	"	"	15:50	70° 46.05	13° 55.50	4.8	187.8	2942	K-P --	3	0.38	"	"
"	"	"	16:00	70° 46.25	13° 56.20	4.7	188.5	2718	KP ---	2	0.38	"	Rite

Notes Profile: 10/666

Kurswechsel
Sweep - Direction geändert
ca A

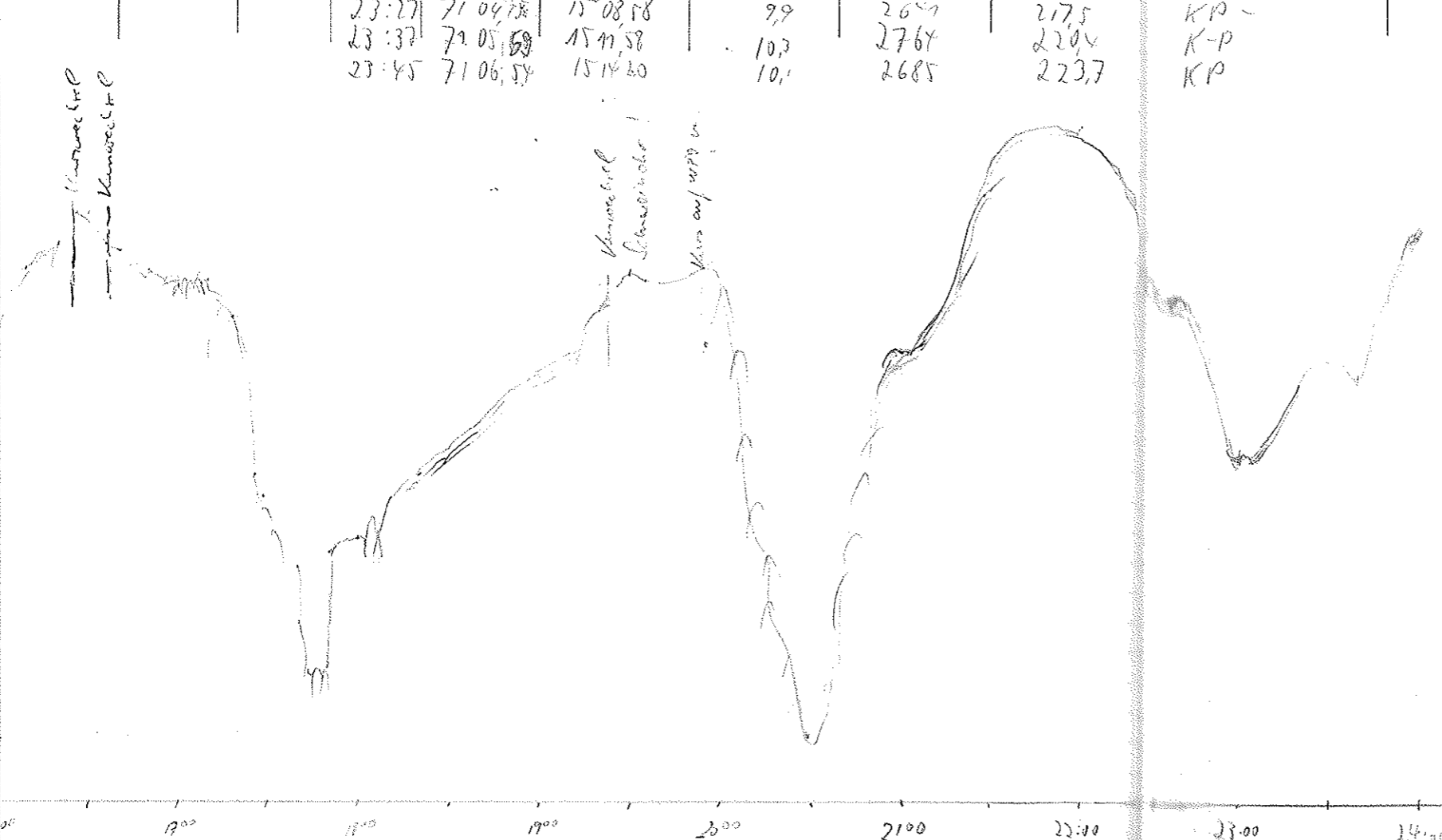
Sweep Direction von ← nach →

unusual / Profilabst. ↓



Rolli Nr	Tropf	Datum	Zeit	Lat S	Lon W	Geschw.	Wassertief	Kurs	Triggerfolge	Success	Delays	Feldlänge	Protokoll	Bemerkungen
7	10/666/1	8.1.87	1624	70°47.00	13°58.9	5.8	2520	219	KP---	2	0.38	1	Dammeln	Kurswechsel sweep auf
"	"	"	1637	70°48.83	14°01.78	5.7	2570	294.7	"	"	"	"	"	" , Beginn 4. Teilprofil
"	"	"	1650	70°48.08	14°02.25	5.5	2607	41.2	"	"	0.13	"	"	"
"	"	"	1700	70°47.82	14°02.11	4.6	2645	53.5	"	"	"	"	"	"
"	"	"	1719	70°46.70	13°59.54	4.1	2690	25.4	"	"	"	"	"	weiter auf Prof. & Kurs
"	"	"	1724	70°46.71	13°59.29	6.0	2787	21.8	K-P---	3	0.38	"	"	stiller Abstieg
"	"	"	1728	70°46.87	13°58.83	6.2	2988	24.1	"	"	0.13	"	"	"
"	"	"	1746	70°44.87	13°57.82	5.3	3282	27.8	KP---	2	0.28	"	"	"
"	"	"	1751	70°44.07	13°56.92	5.3	3083	27.1	K-P----	3	0.17	"	"	"
"	"	"	1811	70°42.92	13°56.55	5.4	2994	29.1	"	"	0.38	"	"	"
"	"	"	1840	70°40.55	13°53.37	5.2	2872	26.5	"	"	"	"	"	"
"	"	"	1854	70°39.35	13°52.62	5.4	2811	23.3	KP----	2	0.13	"	"	"
"	"	"	1920	70°37.70	13°50.76	5.8	2674	35.6	"	"	"	"	"	"
"	"	"	1923	70°36.75	13°50.24	6.4	2644	41.1	"	"	"	"	"	Kurswechsel, Ende 4. Teilprofil
"	"	"	1930	70°36.25	13°50.23	8.2	2632	299.0	"	"	"	"	"	"
"	"	"	1925	70°36.12	13°51.91	8.3	2641	2.9	"	"	"	"	"	Sweep auf → (weiter)
"	"	"	1955	70°37.78	13°51.53	10.0	2745	235.1	"	"	"	"	"	auf Kurs nach W 89
"	"	"	2000	70°38.92	13°52.92	10.5	2786	238.7	"	"	"	"	"	"
"	"	"	2012	70°40.00	14°00.03	10.0	2780	250.0	K-P	3	0.25	"	"	"
"	"	"	2030	70°41.10	14°06.41	10.5	3406	230.8	KP	2	0.25	"	"	"
"	"	"	2037	70°42.29	14°10.70	10.4	3670	237.8	KP	3	0.25	"	"	"
"	"	"	2048	70°43.13	14°14.21	10.4	3276	277.6	K-P	3	0.00	"	"	"
"	"	"	2050	70°43.40	14°15.39	10.2	2983	234.1	KP	2	0.00	"	"	"
"	10/667	"	2100	70°44.62	14°19.49	10.3	2741	248.0	"	"	"	"	"	neues Profil
"	"	"	2112	70°46.72	14°23.20	10.2	2626	248.0	KP	2	0.38	"	"	"
"	"	"	2200	70°52.71	14°39.54	10.1	2382	213.1	"	"	"	"	"	"
"	"	"	22:28	70°56.12	14°48.33	10.2	2724	220.5	K-P	3	0.38	"	"	"
"	"	"	23:27	71°04.75	15°08.58	9.9	2649	217.5	KP-	2	0.38	"	"	"
"	"	"	23:37	71°05.58	15°11.58	10.3	2764	220.4	K-P	3	0.38	"	"	"
"	"	"	23:45	71°06.58	15°14.20	10.1	2685	223.7	KP	2	0.38	"	"	"

2200
2300
2400
2500
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2700
2800
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3000
3100
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3300
3400
3500



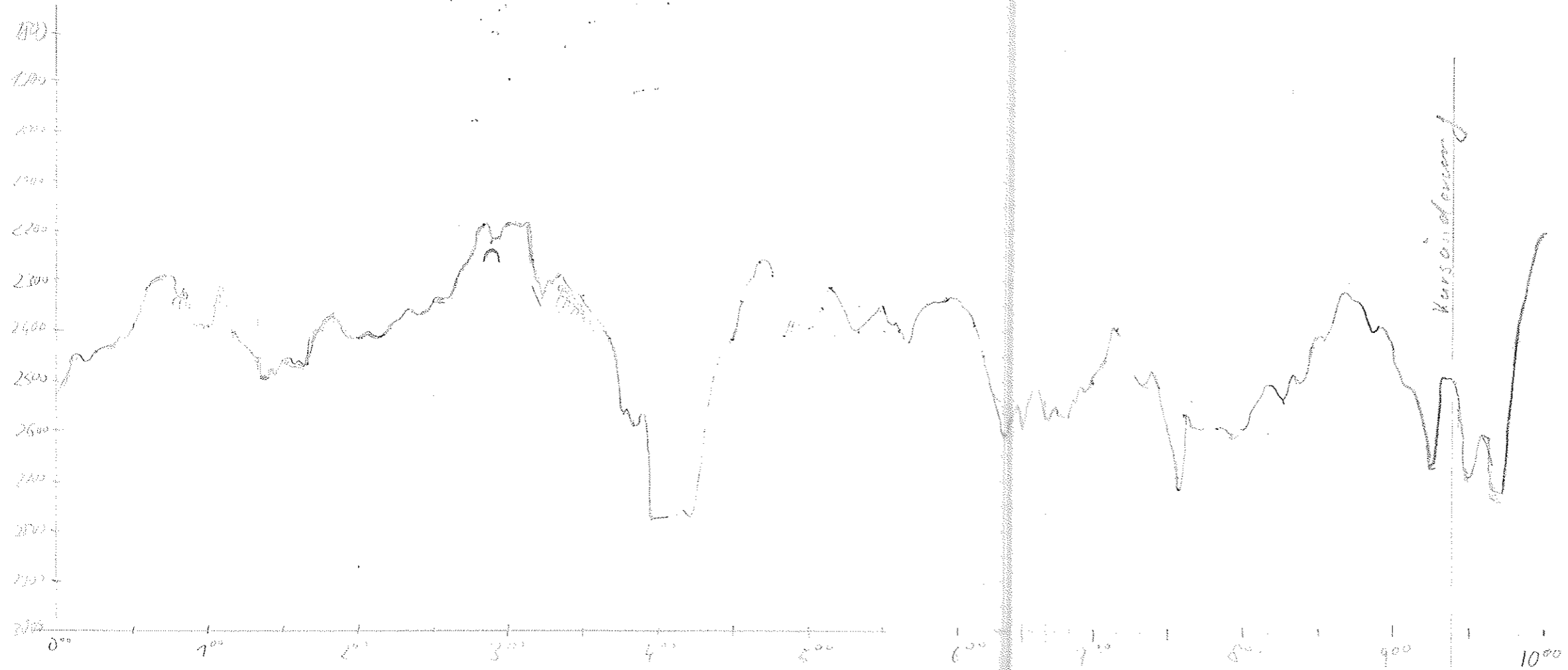
Kurswechsel
Kurswechsel

Kurswechsel
Kurswechsel
Kurs auf 489 m

neues Profil

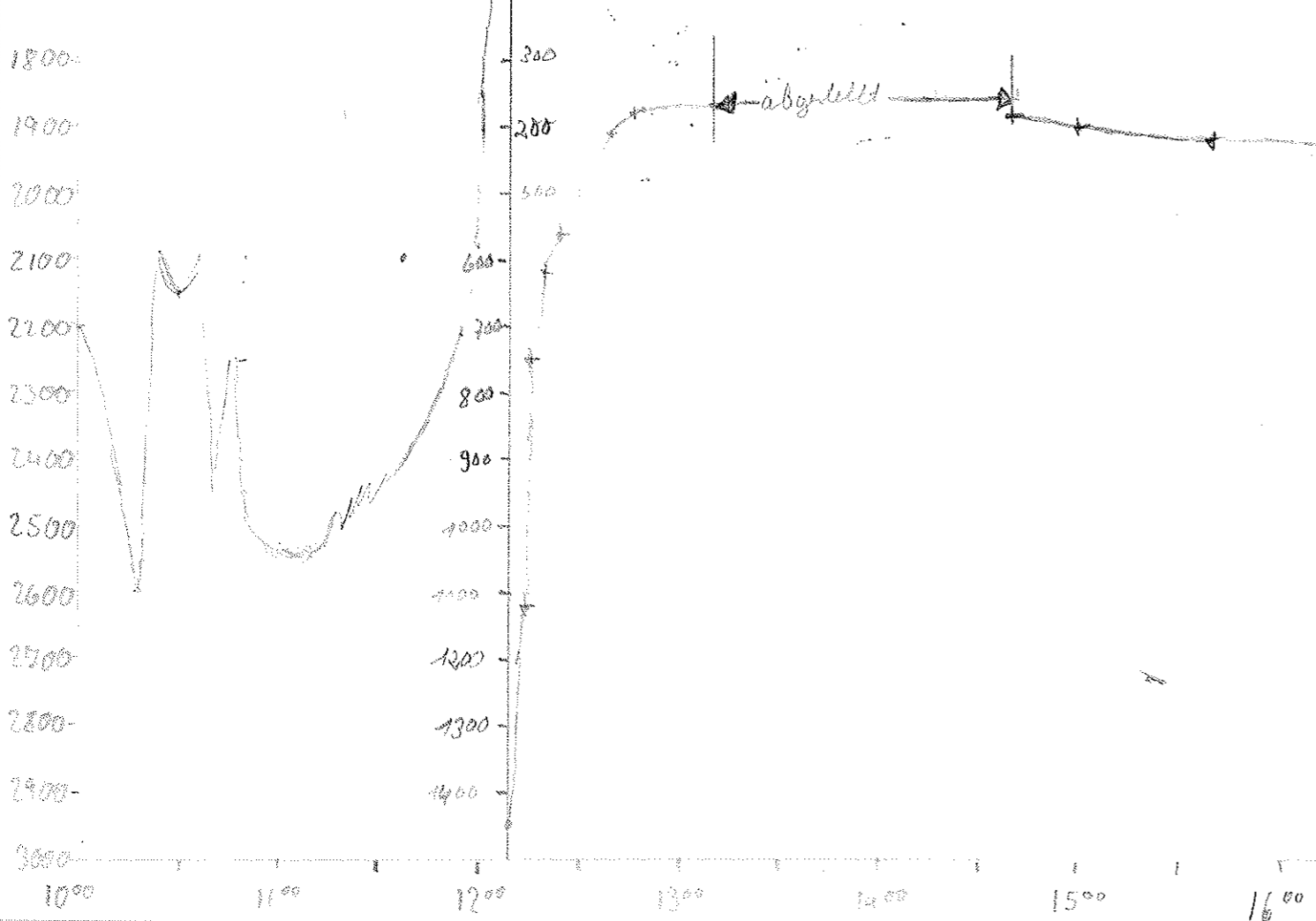
Rolle Nr.	Profil	Datum	Zeit	Lat S	Lon W	Geschw.	Wassertiefe	Kurs	Triggfolge	Sweeps	Delay	Pulslänge	Protokoll	Bem.
7	10/667	9.1.87	0.15	71° 10.32	15° 24.52	10.3	2888	210.7	KP	2	0.38	1	KoBoj	
"	"	"	0.34	71° 12.08	15° 31.06	10.1	2344	210.2	KPKP-	5	0.13	1	"	
"	"	"	3.44	71° 38.05	16° 35.81	10.0	2534	220.4	KP	2	0.38	1	"	
7	"	"	3.55	71° 39.58	16° 39.55	10.0	2773	221.4	KP	2	0.13	1	"	
"	"	"	4.24	71° 41.80	16° 49.27	10.3	2477	210.7	KP	2	0.38	1	Qwohl	
"	"	"	4.29	71° 43.44	16° 50.98	10.6	2420	217.6	KP	2	0.38	1	"	
"	"	"	4.32	71° 43.81	16° 51.91	9.9	2340	217.4	KPKP-	5	0.00	1	"	
"	"	"	4.40	71° 44.72	16° 54.57	10.2	2772	217.3	KPKP-	5	0.38	1	"	
"	"	"	4.47	71° 45.62	16° 56.83	10.0	2343	217.2	KP	2	0.38	1	"	
"	"	"	5.03	71° 47.98	17° 02.73	10.0	2354	216.1	KPKP-	5	0.13	1	"	
"	"	"	5.38	71° 52.37	17° 13.56	10.3	2396	217.5	KPKP-	5	0.13	1	"	
"	"	"	6.10	71° 56.44	17° 25.12	9.8	2574	217.9	KP	2	0.25	1	"	
"	"	"	6.38	72° 00.14	17° 34.95	10.3	2533	217.0	KP	2	0.25	1	"	
"	"	"	7.00	72° 03.24	17° 42.76	10.0	2498	216.5	KP	2	0.25	1	"	
"	"	"	7.05	72° 03.96	17° 44.56	10.7	2449	216.3	KPKP-	5	0.13	1	"	
"	"	"	7.20	72° 05.84	17° 49.41	10.2	2518	218.4	KP	2	0.38	1	"	
"	"	"	7.32	72° 07.55	17° 52.71	10.6	2772	218.0	KP	2	0.13	1	"	
"	"	"	7.38	72° 08.59	17° 56.48	10.4	2481	217.3	KP	2	0.38	1	"	
"	"	"	8.00	72° 11.43	18° 04.13	10.4	2690	226	KP	2	0.38	1	"	
"	"	"	8.16	72° 13.61	18° 10.64	10.3	2533	218	KP	2	0.38	1	Kuif	
"	"	"	8.34	72° 16.13	18° 16.58	10.3	2368	218.1	KPKP-	5	0.13	1	"	
"	"	"	9.00	72° 19.72	18° 26.39	10.3	2352	220	KPKP-	5	0.13	1	"	
"	"	"	9.02	72° 20.71	18° 29.28	10.4	2521	221.7	KP	2	0.25	1	"	
"	"	"	9.25	72° 23.13	18° 36.13	9.9	2599	204	KP	2	0.25	1	"	
"	"	"	9.49	72° 26.23	18° 40.34	10.1	2469	193.1	KP	2	0.38	1	"	
"	"	"	9.55	72° 27.79	18° 41.34	10.4	2373	194.1	KPKP-	5	0.13	1	"	

Kursänderung auf 195°

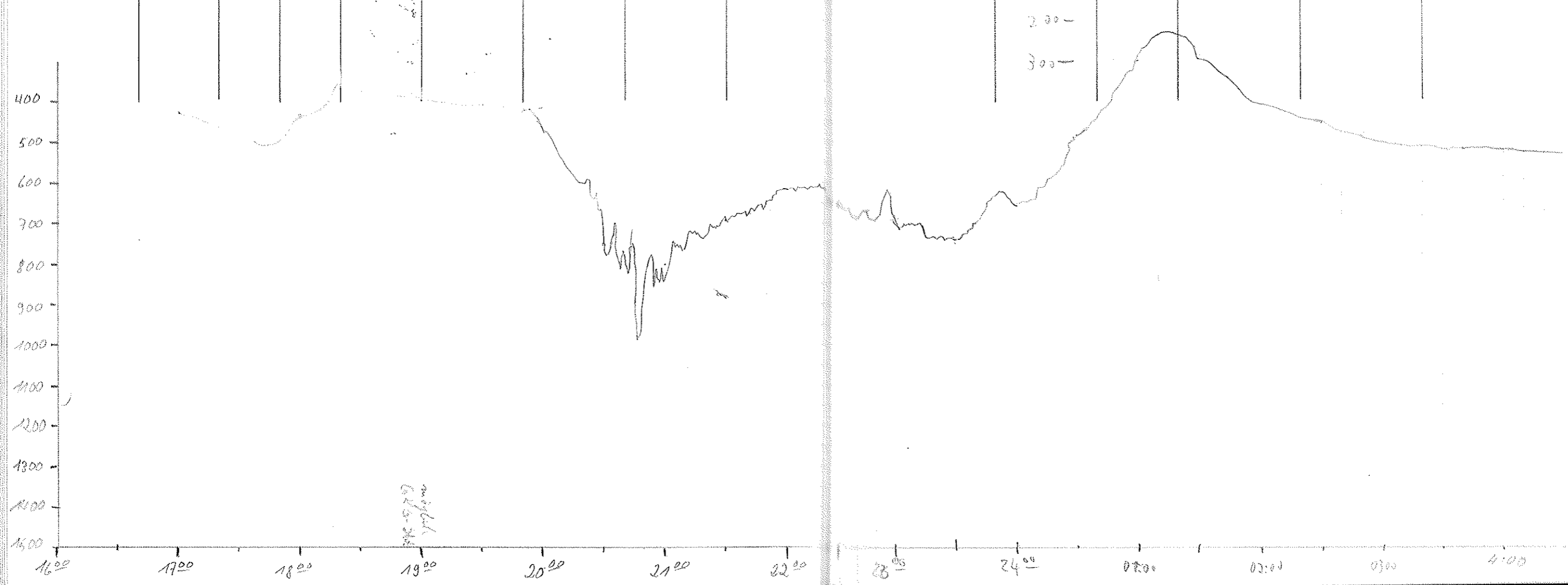


Rolle Nr.	Profil	Datum	Zeit	Lat S	Lon W	Geschw	Wassertiefe	Kurs	Triggerfolge	Sweeps	Delay	Pulslänge	Protokoll	Bem.
8	10/662	9.1.87	10:00	72°28.75	18°42.30	10.2	2194	193.5	KPKP-	5	0.13	1	Hand	Papierwoolsock
	"	"	10:10	72°30.35	18°44.07	10.1	2577	194.3	KP-	2	0.38	1	"	
	"	"	10:18	72°31.63	18°45.45	10.4	2370	194.5	KPKP-	5	0.13	1	"	
	"	"	10:23	72°32.21	18°46.34	10.2	2132	194.6	KPKP-	5	0.38	1	"	
	"	"	10:43	72°35.47	18°49.63	7.9	2442	193.9	KPKP-	5	0.13	1	"	
	"	"	10:56	72°36.90	18°51.21	8.9	2501	199.9	KPKP-	5	0.00	1	"	
	"	"	11:33	72°40.34	19°05.86	10.8	2459	240.5	KPKP-	5	0.00	1	"	
	"	"	11:54	72°42.40	19°18.08	10.7	2202	214.6	KPKP-	5	0.25	1	"	
	"	"	11:57	72°42.77	19°19.05	10.6	2087	214.9	KP-----	2	0.00	1	"	
	"	"	12:02	72°43.71	19°20.89	10.5	1850	205.0	KP-----	2	0.38	1	Reisily	
	"	"	12:06	72°44.14	19°21.65	10.9	1650	205.3	KPK-P--	5	0.00	1	"	
	"	"	12:09	72°44.65	19°22.73	11.0	1450	205.8	KP-----	2	0.00	1	"	
	"	"	12:14	72°46.08	19°23.80	10.7	1130	184.9	KP-----	2	0.38	1	"	
	"	"	12:18	72°46.55	19°23.63	10.2	854	165.0	K-P-----	3	0.25	1	"	
	"	"	12:30	72°47.21	19°23.20	10.1	645	182.2	K-P-----	3	0.38	1	"	
	"	"	12:34	72°47.78	19°24.02	10.7	561	207.1	KP-----	2	0.00	1	"	
	"	"	12:41	72°50.66	19°22.52	9.6	408	139.3	KP-----	2	0.13	1	"	
	"	"	12:43	72°51.44	19°20.75	8.7	383	177.6	KP-----	2	0.13	1	"	
	"	"	12:49	72°51.63	19°20.25	8.6	380	180.5	KP-----	2	0.13	1	"	
	"	"	12:58	72°52.15	19°16.03	0.0	382	83.0	KP-----	2	0.13	1	"	
	"	"	13:11	72°52.16	19°18.43	0.0	383	387.3	KP-----	2	0.13	1	"	
	10/670	"	14:02	72°52.03	19°23.03	5.2	394	287.7	KP-----	2	0.13	1	"	
	10/670	"	15:00	72°52.06	19°27.08	4.7	403	238.7	KP-----	2	0.13	1	"	
	"	"	15:40	72°54.18	19°36.42	6.4	417	229.6	KP-----	2	0.13	1	"	
	"	"	15:48	72°54.45	19°37.58	5.8	418	228.5	KP-----	2	0.00	1	"	
1600	"	"	16:05	72°53.77	19°42.18	9.1	420	224.0	"	"	"	"	Einzel	
"	"	"	16:43	73°00.36	19°58.82	10.3	425	225.1	"	"	"	"	"	
"	"	"	17:04	73°03.87	20°07.69	11.1	430	226.5	"	"	"	"	"	

Reck (1) nicht
 Reck (2) nicht
 Station Kastlinggraben
 abgestellt
 Stationen der 1. Seilfahrt



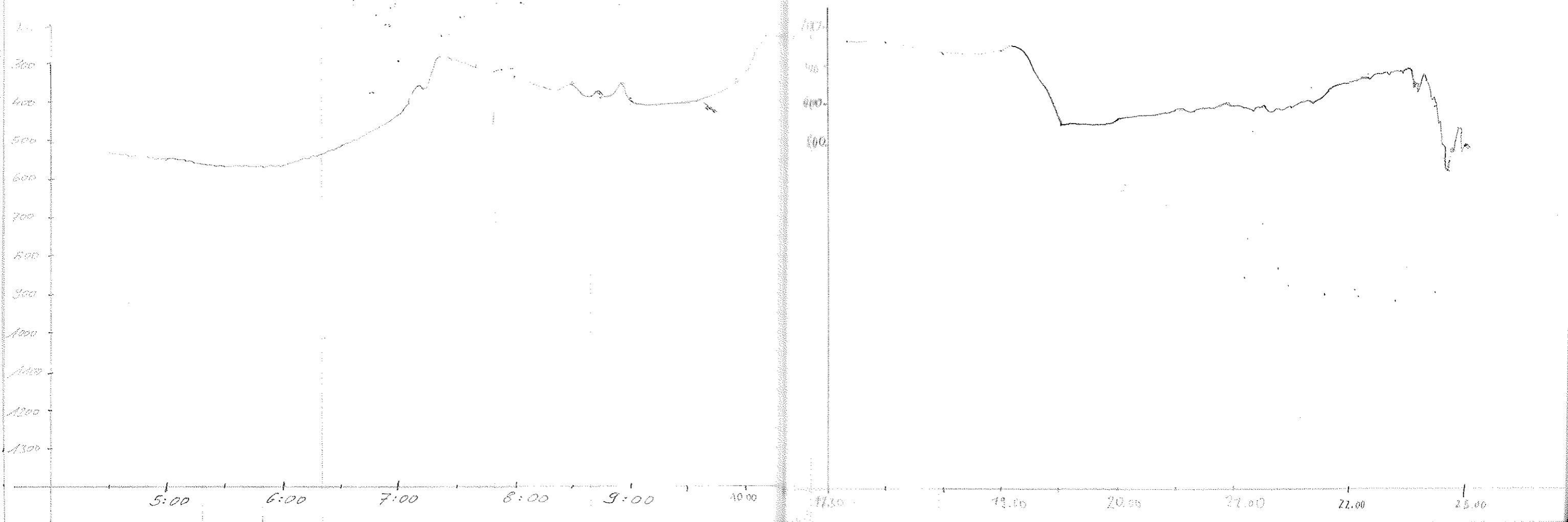
Rolle Nr.	Profil	Datum	Zeit	Lat S.	Lon W.	Geschw.	Wassertiefe	Haus	Triggerfolge	Surveys	Delay	Pulslänge	Protokoll	Bemerkungen
8	10/670	09/11/87	17:30	73 07,04	20 21,68	11,0		226,8	HP	2	0,0	1	Grund	
"	"	"	18:00	73 10,90	20 36,70	11,0		232,0	"	"	"	"	"	
"	"	"	18:23	73 13,52	20 46,72	10,8	3,87	230,3	HP	2	0,25	"	"	
"	"	"	19:03	73 18,09	21 05,61	10,9	4 10	220,3	"	"	"	"	"	
"	"	"	19:30	73 21,32	21 17,48	10,9	4 10	228,7	"	"	"	"	"	
"	"	"	20:00	73 25,69	21 29,39	11,0	5 17	230,5	"	"	0,00	"	Echobott	
"	"	"	20:30	73 28,45	21 41,17	10,7	7 52	230,7	"	"	0,25	"	"	
"	"	"	21:00	73 31,75	22 01,37	10,9	8 12	230,4	"	"	0,00	"	"	
"	"	"	21:30	73 35,23	22 15,94	11,0	6 95	230,3	"	"	0,25	"	"	
"	"	"	22:00	73 38,60	22 29,35	10,8	6 11	229,9	"	"	0,28	"	"	
"	"	"	22:30	73 42,23	22 45,76	10,6	6 46	229,6	"	"	0,38	"	"	
"	"	"	23:00	73 45,95	22 59,41	10,5	6 89	229,4	"	"	0,38	"	"	
"	"	"	23:30	73 49,45	23 12,17	10,8	7 44	229,2	"	"	0,38	"	"	
"	"	"	24:00	73 52,61	23 25,37	10,7	6 67	230,2	"	"	0,38	"	"	
"	"	10/11/87	00:30	74 00,30	23 40,46	10,6	4 76	230,2	"	"	"	"	"	
"	"	"	01:00	74 03,12	23 49,33	10,7	4 51	226,7	HP	2	0,00	"	W	
"	"	"	01:00	74 05,70	23 58,17	11,0	3 03	226,7	"	2	"	"	"	
"	"	"	01:35	74 08,70	24 13,14	11,3	3 60	228,4	"	2	"	"	"	
"	"	"	02:15	74 11,75	24 30,96	11,1	5 28	235,6	"	2	0,13	"	"	
"	"	"	03:15	74 15,34	24 49,75	11,2	5 02	237,6	"	2	0,13	"	"	
"	"	"	04:00	74 18,00	25 08,28	11,0	5 01	196,7	"	1	"	"	"	



Wassertiefe

200
300

Rolle Nr.	Profil	Datum	Zeit	Lat S	Lon W	Geschw.	Tiefe	Kurs	Loggerfolge	Sweeps	Delay	Pulslänge	Protokoll	Bemerkungen
8	10/670	10.1.87	4:30	74° 26.28	25° 31.11	10.6	535	196.4	1P	2	0.13	1.0	Wiederjager	
"	"	"	5:03	32.20	36.30	10.6	545	208.5	"	"	"	"	"	
"	"	"	5:32	37.23	44.61	10.8	570	193.7	"	"	"	"	"	
"	"	"	6:00	42.08	52.64	10.7	564	200.1	"	"	"	"	"	
"	"	"	6:37	46.94	59.22	10.8	518	198.4	"	"	"	"	"	
"	"	"	7:03	52.77	26° 07.29	10.3	433	197.3	"	"	"	"	"	
"	"	"	7:23	55.69	10.33	10.8	277	194.9	"	"	0.25	"	"	
"	"	"	8:00	75 01 55	26 13 37	10.8	339	200.1	"	"	"	"	Flon15	
"	"	"	8:37	75 07 21	26 29 68	10.9	378	191.1	"	"	"	"	"	
"	"	"	9:01	12 03	35 17	10.6	395	192.3	"	"	"	"	"	
"	"	"	9:26	16 52	42 01	10.3	406	193.7	"	"	"	"	"	
"	"	"	10:00	21 39	48 48	10.3	306	200.7	"	"	"	"	"	
"	"	"	10:11	23 19	51 69	11.0	294	202.2	"	2	0.00	"	"	0-375 m
"	"	"	10:30	26 20	56 51	9.5	282	200.1	"	"	"	"	"	
"	"	"	10:55	29 25	57 01 58	9.1	280	181.1	"	"	"	"	"	
8	10/671	10.1.87	17:40	75° 30.24	27 14 59	10.0	247	222.5	1P	2	0.38	"	Vincent	Halley Einschalten
"	"	"	18:01	75° 33.12	27 25 12	10.8	242	240.5	1P	2	0.38	"	"	
"	"	"	18:30	35.80	42.53	10.5	272.2	240.3	1P	2	0.38	"	"	
"	"	"	19:00	75° 38.44	28 00.45	10.5	264.4	247.7	1P	2	0.38	"	"	
"	"	"	19:32	41.57	18.98	10.5	456.5	273.3	1P	2	0.13	"	"	
"	"	"	20:00	45.97	30.87	10.8	448.3	216.0	1P	2	0.13	"	"	
8	10/671	10.1.87	20:30	50.00	42.33	10.5	418.4	214.2	"	"	"	"	Karsten	
"	"	"	21:00	54.18	56.30	10.4	402.6	214.2	"	"	"	"	"	
"	"	"	21:30	58.28	29° 09.34	10.6	418.7	214.2	"	"	"	"	"	
"	"	"	22:00	26° 03.69	14.66	9.9	350.0	159.9	"	"	"	"	"	
"	"	"	22:30	09.65	7.68	9.9	348.0	158.6	"	"	"	"	"	
"	"	"	23:00	15.16	11.25	10.9	428.9	214.2	"	"	"	"	"	

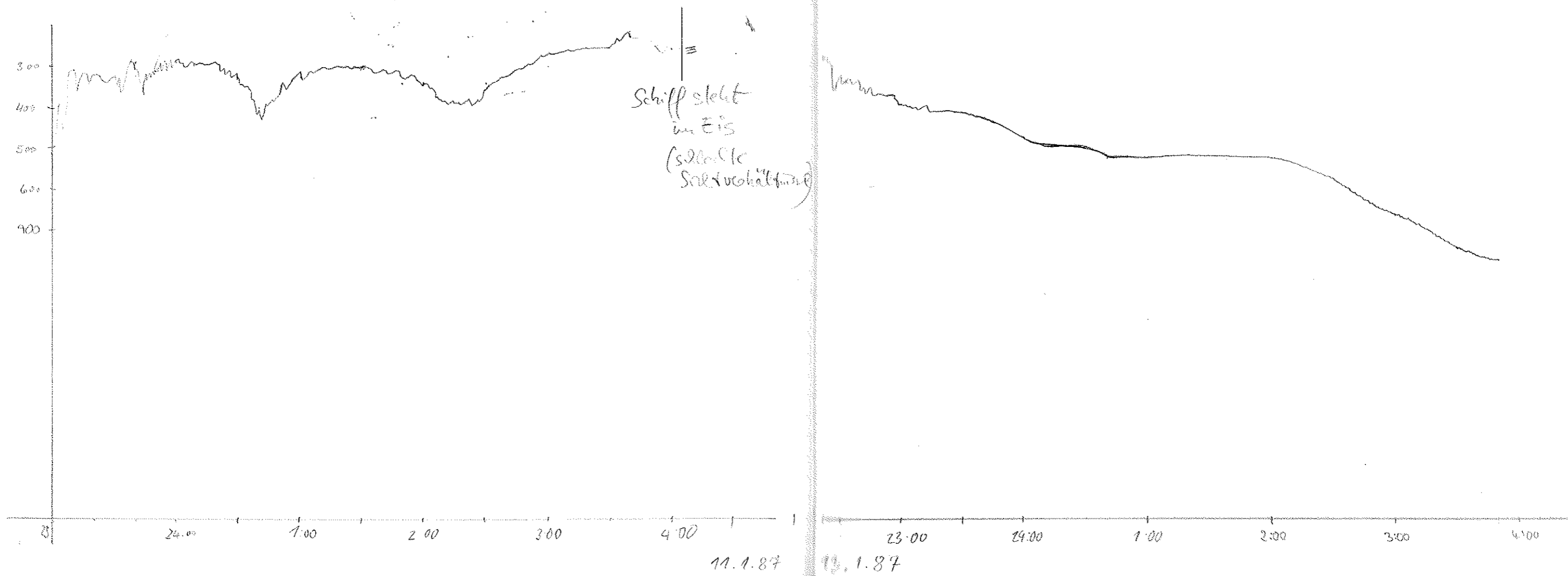


Rolle Nr.	Profil	Datum	Zeit	Lat S	Lon W	Geschw.	Tiefe	Kurs	Riggerfolge	Sweeps	Delay	Pulslänge	Protokoll	Bemerkung
8	10/671	10.1.	23:30	76° 16,64	29° 23,91	10,1	329	228	KP	2	0,13	1,0	Karsten	manchmal Eis
"	"	11.1.87	0:00	76° 20,09	29° 37,85	10,7	296	236	KP	2	0,25	1,0	Karsten	
"	"	"	0:30	76° 23,35	29° 55,05	10,6	350,3	223,5	KP	2	0,25	1,0	"	
"	"	"	1:00	76° 27,06	30° 13,72	10,4	327,0	229,5	KP	2	0,25	1,0	"	
"	"	"	1:30	76° 26,93	30° 24,28	8,9	299,8	734,7	KP	2	0,25	1,0	"	
"	"	"	2:00	76° 29,40	30° 07,37	9,9	340	146,7	KP	2	0,25	1,0	"	
"	"	"	2:30	76° 30,14	30° 07,53	8,8	334,4	274,0	KP	2	0,25	1,0	"	Eis
"	"	"	3:00	76° 30,39	30° 20,81	8,5	266,6	276,0	KP	2	0,25	1,0	"	"
"	"	"	3:30	76° 31,46	30° 28,55	5,8	253	184,5	KP	2	0,25	1,0	"	"
"	"	"	4:00	33,97	29,16	8,7	252	214,5	KP	2	0,25	1,0	"	"
Rolle 9	10/674	13.1.87	22:17	76° 30,73	30° 22,75	9,8	271	271,8	KP	2	0,25	1,0	Hinze	nach Schlechtwetter-Pause
"	"	"	23:00	76° 27,38	31° 07,07	10,4	392	272,2	KP	2	0,25	1,0	"	
"	"	"	23:30	76° 27,07	31° 30,43	10,4	409	287,8	KP	2	0,25	1,0	"	
"	"	"	23:45	76° 25,93	31° 38,85	9,3	442	4,3	KP	2	0,25	1,0	"	
"	"	14.1.87	00:00	76° 23,74	31° 40,60	8,3	464	003,9	KP	2	0,25	1,0	Hain	
"	"	"	00:30	76° 19,98	31° 39,31	8,0	501	359,2	KP	2	0,25	1,0	"	
"	"	"	00:40	76° 18,68	31° 39,60	7,2	524	10,1	KP	2	0,13	1,0	"	
"	"	"	1:00	76° 17,43	31° 39,38	2,8	520	19,8	KP	2	0,13	1,0	"	
"	"	"	1:30	76° 13,58	31° 35,64	6,8	520	355,3	KP	2	0,13	1,0	"	
"	"	"	2:00	76° 09,11	31° 40,20	6,5	524	346,8	KP	2	0,13	1,0	"	
"	"	"	2:30	76° 06,90	31° 41,87	2,1	578	349,8	KP	2	0,00	1,0	"	
"	"	"	3:00	76° 05,28	31° 42,87	4,1	616	001,3	KP	2	0,00	1,0	"	
"	"	"	3:30	75° 59,88	31° 48,88	5,2	694	357,7	K-P-	3	0,38	1,0	"	
"	"	"	4:00	75° 56,41	31° 48,47	6,7	728	354,8	K-P-	3	0,38	1,0	"	

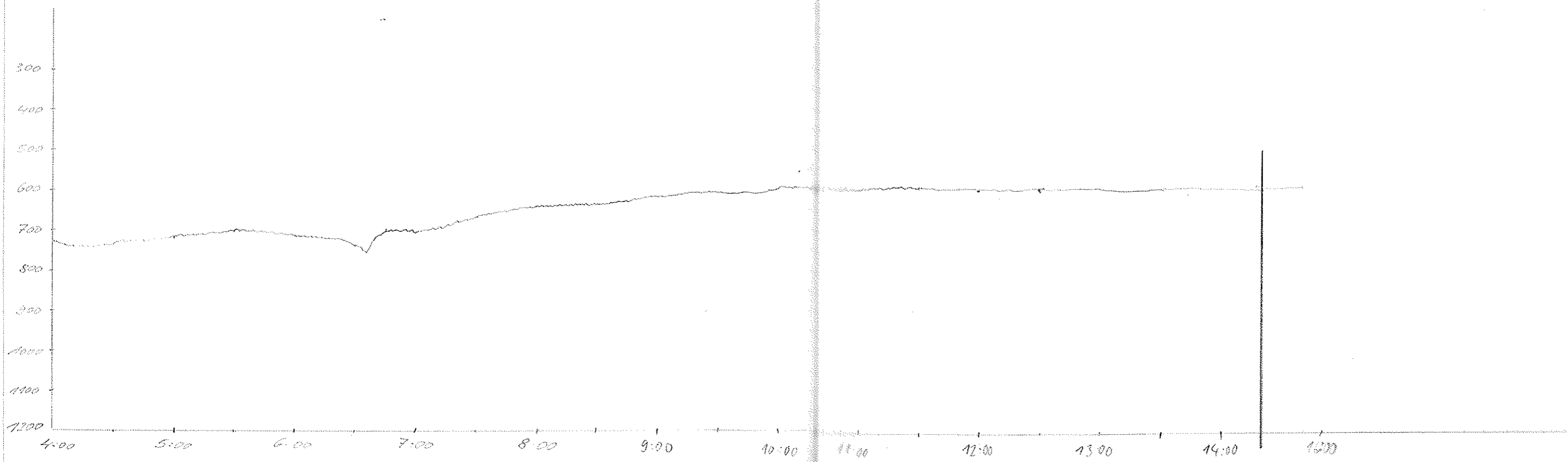
Schiff steht
Seit 04:05
im Eis

nach Schlechtwetter-Pause

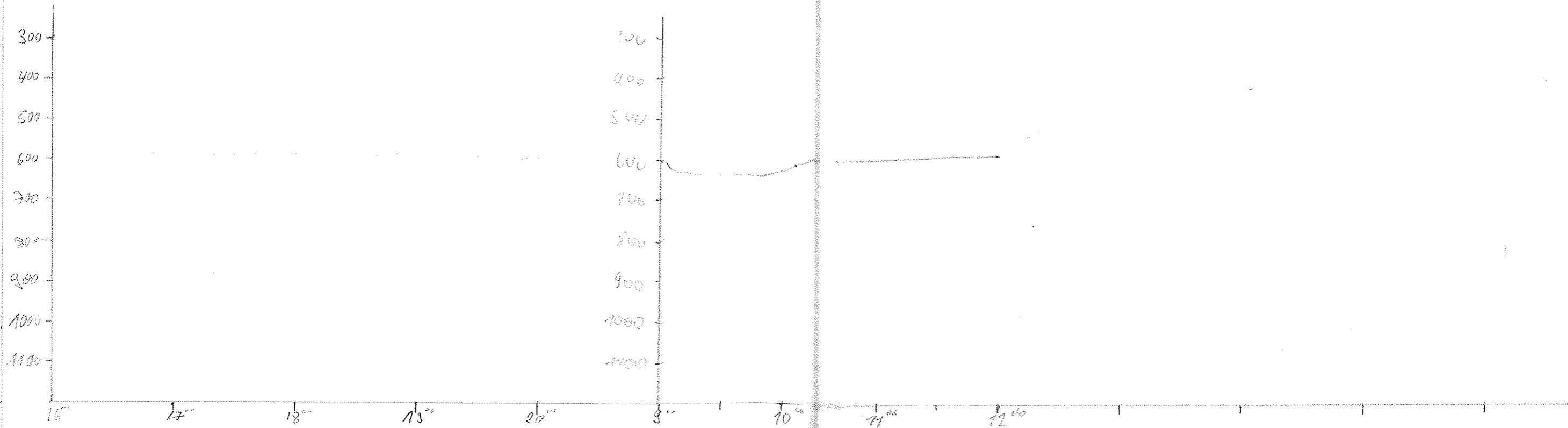
Folgt Gordon, Theorie wegen
wurde umgeschaltet



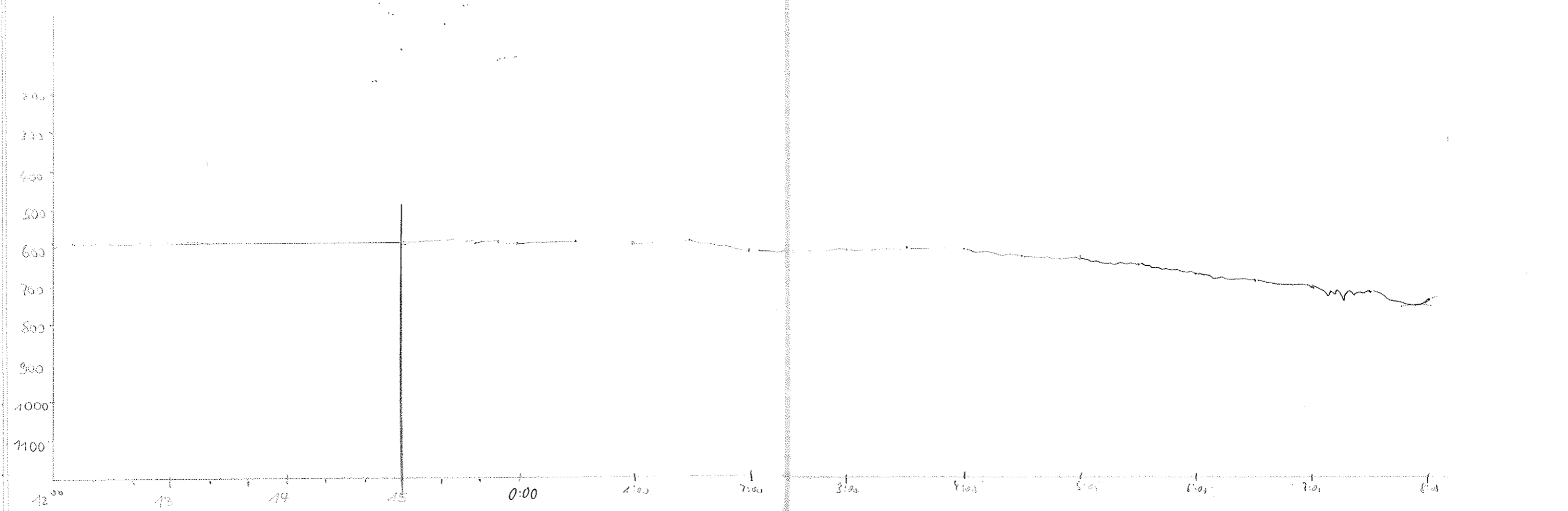
Rolle Nr.	Profil	Datum	Zeit	Lat S	Lon W	Geschw.	Tiefe	Kurs	Riggerfolge	Sweeps	Delay	Pulslänge	Protokoll	Bemerkungen
3	10/674	14.7.87	4:30	75° 53.33	31° 51.69	3.6	733	4.2	K-P	3	0.25	1.0	Niederjaspert	
"	"	"	5:00	50.85	43.40	9.5	719	15.0	"	"	"	"	"	
"	"	"	5:30	45.36	47.84	10.2	702	341.7	"	"	"	"	"	
"	"	"	6:00	41.21	32° 04.28	8.0	718	303.9	"	"	"	"	"	
"	"	"	6:30	37.30	21.30	13.3	745	286.6	"	"	"	"	"	
"	"	"	7:00	35.10	40.11	14.1	707	297.8	"	"	"	"	"	
"	"	"	7:30	31.98	33° 02.30	13.8	671	292.6	"	"	"	"	"	
"	"	"	8:00	26.90	14.98	11.1	644	252.5	"	"	"	"	Kan her	
"	"	"	8:30	28.62	35.07	7.4	638	287.5	"	"	0.38	"	"	
"	"	"	9:00	29.09	47.66	8.6	630	266	"	"	"	"	"	
"	"	"	10:11	32.67	34° 26.52	4.8	593	247.9	"	"	"	"	"	
"	"	"	10:30	33.52	34.70	7.1	597	233.4	"	"	"	"	"	
"	"	"	11:00	35.16	44.49	6.9	594	247.4	"	"	"	"	"	
"	"	"	11:30	33.13	57.24	7.2	597	249.6	"	"	"	"	"	
"	"	"	12:00	75° 35.07	35° 05.92	7.0	600	221.9	"	"	"	"	Rite	
"	"	"	12:30	75° 34.77	35° 05.57	-1.4	600	223.7	"	"	"	"	"	
"	"	"	12:45	75° 34.42	35° 04.77	-0.9	599	219.1	"	"	"	"	Rite	Lot angeschaltet, da Schiff still
"	"	"	13:00	75° 34.16	35° 04.10'	-0.6	602	237.9	"	"	"	"	"	Kurslauf wieder gestartet
"	"	"	13:30	75° 33.75	35° 08.07'	1.0	592	272.3	"	"	"	"	"	
"	"	"	14:00	75° 26.63	35° 25.77'	2.0	590	242.9	"	"	"	"	"	Schiff fährt vor + zurück
"	"	"	14:05	37.04	27.38	-	593	228	"	"	"	"	"	ausgeschaltet
"	"	"	14:30	37.51	30.52	2.0	599	231	"	"	"	"	"	wird immer stiller
"	"	"	15:00	75° 38.15	35° 35.10'	-	605	220	"	"	"	"	"	wieder eingeschaltet
"	"	"	15:40	38.88	37.42	4.9	593	278	"	"	"	"	"	
"	"	"	16:00	75° 28.74'	35° 25.48'	5.6	590	235	"	"	"	"	Rite	



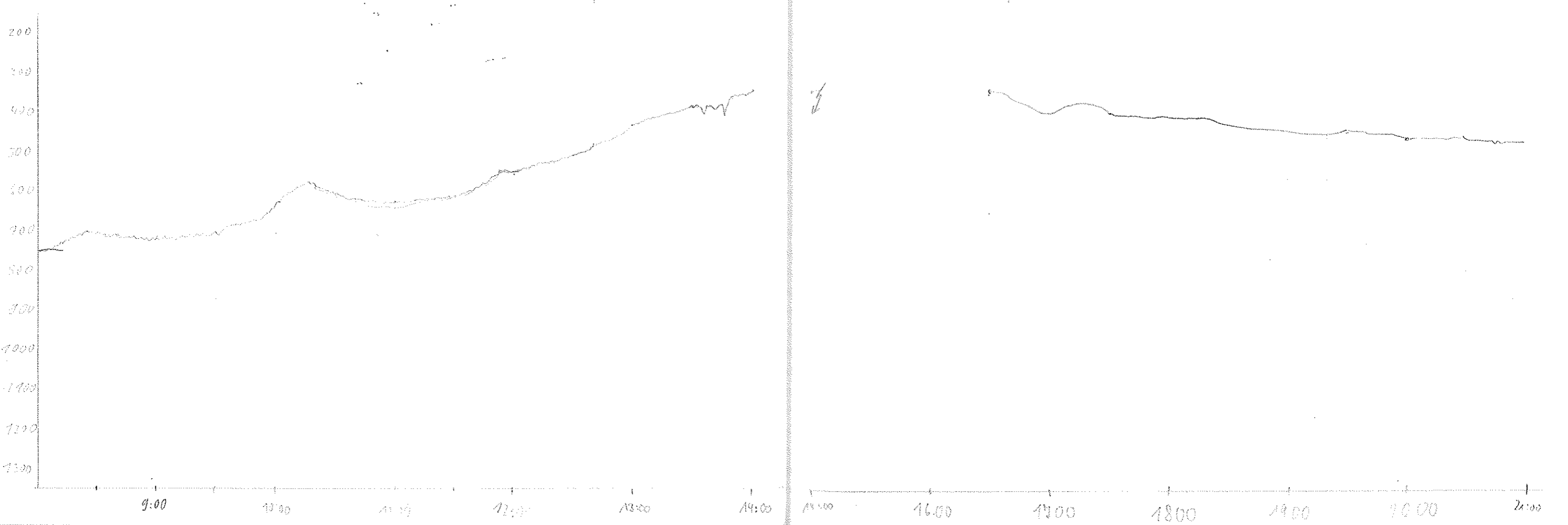
Rolle Nr.	Profil	Datum	Zeit	Lat S	Lon W	Beschw.	Tiefe	KUJS	Triggerfolge	Sweeps	Delay	Pulslänge	Profalk	Bemerkungen
9	10/674	14.1.87	16:30	75 39 62	35 41 32	2.3	595	238.0	K-P	3	0.38	1.0	Schäfer	
	"	"	17:00	75 38 52	35 48 46	7.7	573	241.3	"	"	"	"	"	
	"	"	17:30	75 41 14	35 53 03	6.3	577	213.0	"	"	"	"	"	
	"	"	18:00	75 42 50	35 53 00	1.5	580	209.5	"	"	"	"	"	
	"	"	18:30	75 43 58	35 54 52	2.5	589	206.1	"	"	"	"	"	
	"	"	19:00	75 44 45	35 57 75	1.6	593	231.4	"	"	"	"	"	
	"	"	19:30	75 46 25	36 00 13	5.7	592	210.8	"	"	"	"	"	
	"	"	20:00	75 45 50	36 04 62	4.1	596	221.8	"	"	"	"	"	
	"	"	20:20	75 45 90	05 65	1.1	595	250.1	"	"	"	"	Warten	Eisscholle vor Chart 200
	"	"	20:30	45.99	05.36	2.9	599	14.8	"	"	"	"	"	
	"	"	21:00	46.02	04.30	0.9	599	242.4	"	"	"	"	"	
	"	"	21:30	46.62	08.38	1.4	592	31.4	"	"	"	"	"	
	"	"	22:00	46.57	08.64	4.5	591	213.9	"	"	"	"	"	
	"	"	22:30	49.91	09.32	5.6	609	204.2	"	"	"	"	"	
	"	"	23:00	52.28	09.76	1.2	611	59.2	"	"	"	"	"	
	"	"	23:30	49.88	09.46	1.3	611	50.2	"	"	"	"	"	
	"	"	23:55	49.74	12.83	2.6	611	32.2	"	"	"	"	"	
	"	15.1.87	2:10	75 52.11	36 16.07								Warten	Abgemeldet
	"	"	2:30	52.27	16.07								Michael Wolf	Lingerhallot
9	10/677	16.1.87	9:20	52.45	28.48									Abgemeldet
"	"	"	10:07	52.30	36 28.26		612		K-P	3	0.38	1.0	Ti	Lingerhallot
"	"	"	10:21	52.06	28.28	6.9	599	35.1	"	"	"	"	Ti	Abgemeldet
"	"	"	10:50	50.72	26.85	6.9	594	354.6	"	"	"	"	Ti	Fingeschaltet
"	"	"	11:25	47.56	20.50	4.6	581	45.2	"	"	"	"	Ti	Schiff wechsellief auf Kurs
"	"	"	12:00	47.03	15.78	2.7	584	42.4	"	"	"	"	Ti	auf Kurs



Roll Nr.	Profil	Datum	Zeit	Lat S	Long W	Gerchw.	Tiefe	Kurs	Triggerfolge	Sweeps	Delay	Pulslänge	Protokoll	Bemerkungen
9	10/671	16.1.87	12:30	75° 46.61'	36° 12.33'	7.0	588.0	55.4	K-P	3	0.38	1.0	OK	12 ³⁰ -12 ³⁵ Anfall mit 1.5 Sec Anfall 2.5 Sec Ausgedrückt eingeschaltet
	"	"	12:46	75° 46.42'	36° 10.73'	0.6			K-P	3	0.38	1.0	A	
	"	"	12:00	75° 47.83'	36° 11.17'	0.6	582.0	94.5	K-P	3	0.38	1.0	A	
	"	"	13:20	75° 48.29'	36° 10.21'	-2.1	580.0	62.7	K-P	3	0.38	1.0	A	
	"	"	14:01	75° 48.66'	36° 09.41'	-2.6	582.0	52.8	K-P	3	0.38	1.0	A	
	"	"	14:22	75° 48.50'	36° 07.56'	1.1	578.0	31.0	K-P	3	0.38	1.0	A	
	"	"	15:00	75° 48.21'	36° 10.13'	0.2	581.0	46.1	K-P	3	0.38	1.0	A	
	"	"	23:36	75° 36.36'	35° 23.66'	8.0	592	27.8	K-P	3	0.38	1.0	A	
	"	17.1.87	00:00	75° 34'08"	35° 14'53"	5.7	595	70.4	K-P	3	0.38	1.0	Fokalt	
	"	"	00:30	75° 34'90"	35° 00'50"	8.0	598	54.4	"	"	"	"	"	
	"	"	01:00	75° 32'83"	34° 48'69"	5.3	597	17.9	"	"	"	"	"	
	"	"	01:30	75° 32'07"	34° 30'75"	8.6	593	76	"	"	"	"	"	
	"	"	02:00	75° 31'03"	34° 18'23"	8.3	610	75	"	"	"	"	"	
	"	"	02:30	75° 30'69"	34° 11'85"	-5.0	611	74	"	"	"	"	"	
	"	"	03:00	75° 27'48"	34° 10'21"	4.4	603	62	"	"	"	"	"	
	"	"	03:30	75° 26'08"	33° 54'98"	1.8	600	91	"	"	"	"	"	
	"	"	04:00	75° 26'32"	33° 51.51'	1.1	606	75	"	"	"	"	"	
	3	"	"	04:30	75° 26.52'	33° 42.20'	9.3	625	90	K-P ---	3	0.38	1.0	
"		"	05:00	75° 25.21'	33° 25.08'	12.0	632	79	"	"	"	"	"	
"		"	05:30	75° 25.08'	33° 03.03'	10.7	651	90	"	"	"	"	"	
"		"	06:00	75° 17'41"	32° 48.79"	10.0	673	162	"	"	"	"	"	
"		"	06:30	75° 32'39"	32° 36.86"	10.8	692	143	"	"	"	"	"	
"		"	07:00	75° 36.97'	32° 26.58'	10.8	709	162	"	"	"	"	"	
"		"	07:30	75° 38.50'	32° 11.82'	9.9	715	86	"	"	"	"	"	
"		"	08:00	75° 38.87'	31° 54.63'	10.2	755	153	"	"	"	"	"	

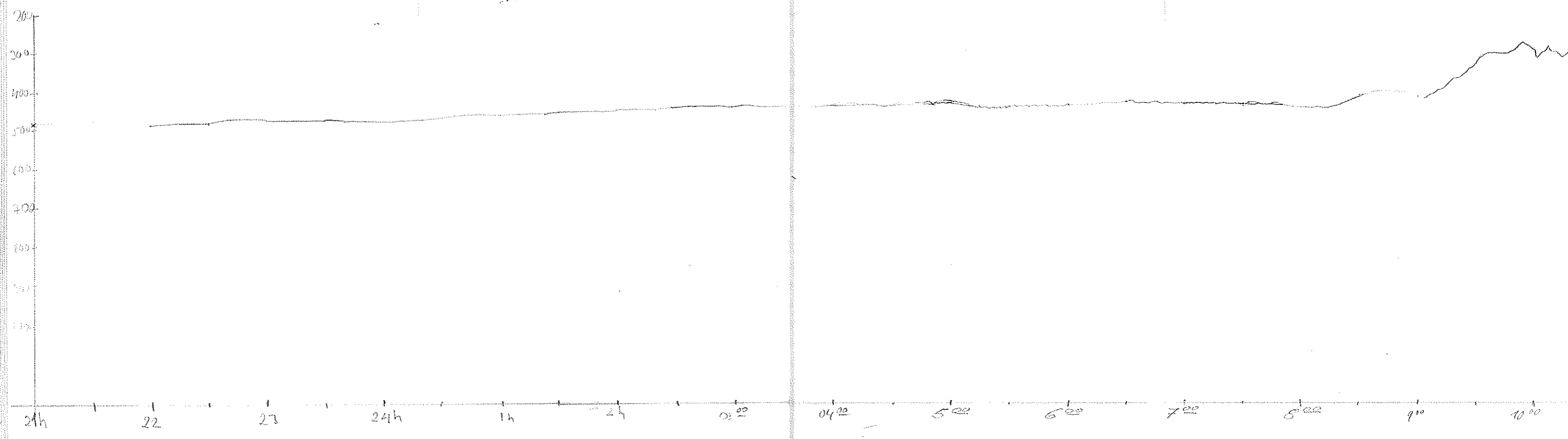


Rolle Nr.	Profil	Datum	Zeit	Lat. S	Long. W	Gröndw.	Tiefe	Kurz	Figgenfolge	Sunscaps	Delong	Pulslänge	Protokoll	Bemerkungen
9	10/677	17.1.24	8:30	45° 44.55	31° 48.95	11.4	714	774	UP	3	0.38	1	Kahn	
"	"	"	9:00	49.79	44.67	11.6	720	163.5	"	"	"	"	"	
"	"	"	9:30	54.90	42.21	11.3	735	160.9	"	"	"	"	"	
"	"	"	10:00	76° 00.70	36.02	11.4	620	154.0	"	"	"	"	"	
"	"	"	10:30	4.33	42.26	10.4	620	218.2	"	"	"	"	"	
"	"	"	11:00	9.45	51.28	10.5	620	172.8	"	"	"	"	"	
"	"	"	11:30	14.58	56.20	10.7	607	189.3	"	"	"	"	"	
"	"	"	12:00	19.45	56.24	10.8	554	180.7	"	"	"	"	"	
"	"	"	12:30	24.83	56.23	10.6	506	180.3	"	"	"	"	"	
"	"	"	12:40	26.24	53.20	10.2	480	124.4	UP	2	0.00	1	"	
"	"	"	13:00	27.58	42.61	10.2	437	128.8	"	"	"	"	"	
"	"	"	13:30	28.58	23.44	8.8	382	77.6	UP	2	0.25	1	"	
"	"	"	14:00	28.30	06.88	7.8	348	60.8	"	"	"	"	"	
9	10/679	"	16:30	46° 29.81	31° 05.64	2.9	341	318.5	UP	2	0.25	1	Ze	Umladung da da. ab 14:00 ab 17:00 Streamer Neue Papierrolle
10	"	"	17:30	25.44	07.30	4.9	395	359.5	UP	2	0.25	1	Ze	
"	"	"	18:13	21.69	6.97	5.2	417	0.9	UP	2	0.25	1	"	
"	"	"	18:52	18.26	04.12	5.7	455	0.6	UP	2	0.25	1	Ze	
"	"	"	19:10	17.76	07.53	5.2	465	352.7	UP	2	0.25	1	Ze	
"	"	"	19:35	15.15	09.36	3.4	453	340.7	UP	2	0.25	1	Ze	
"	"	"	19:55	13.83	11.27	5.1	463	344.9	UP	2	0.25	1	Ze	
"	"	"	20:00	13.32	11.78	5.2	470	357.1	"	"	"	"	Ze	
"	"	"	20:30	10.84	13.29	5.4	472	358.1	"	"	"	"	Ze	
"	"	"	20:56	06.18	15.46	5.4	480	6.8	"	"	"	"	Ze	

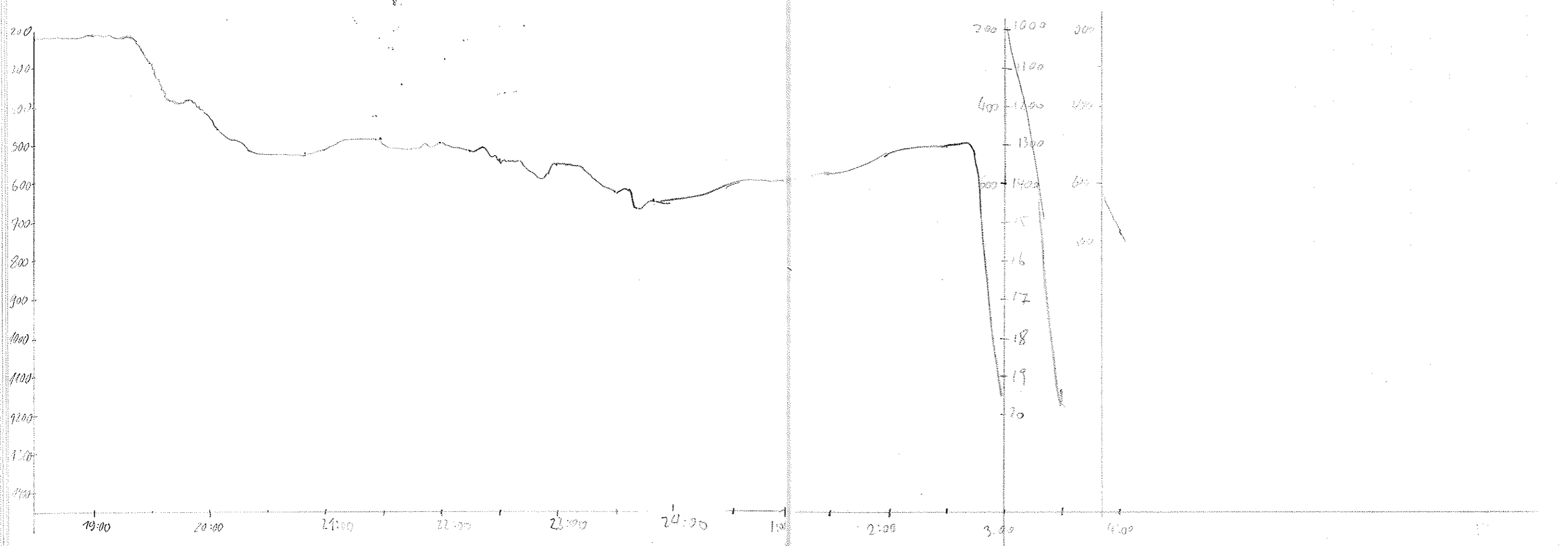


Besinn einer Kursänderung (Norgar)

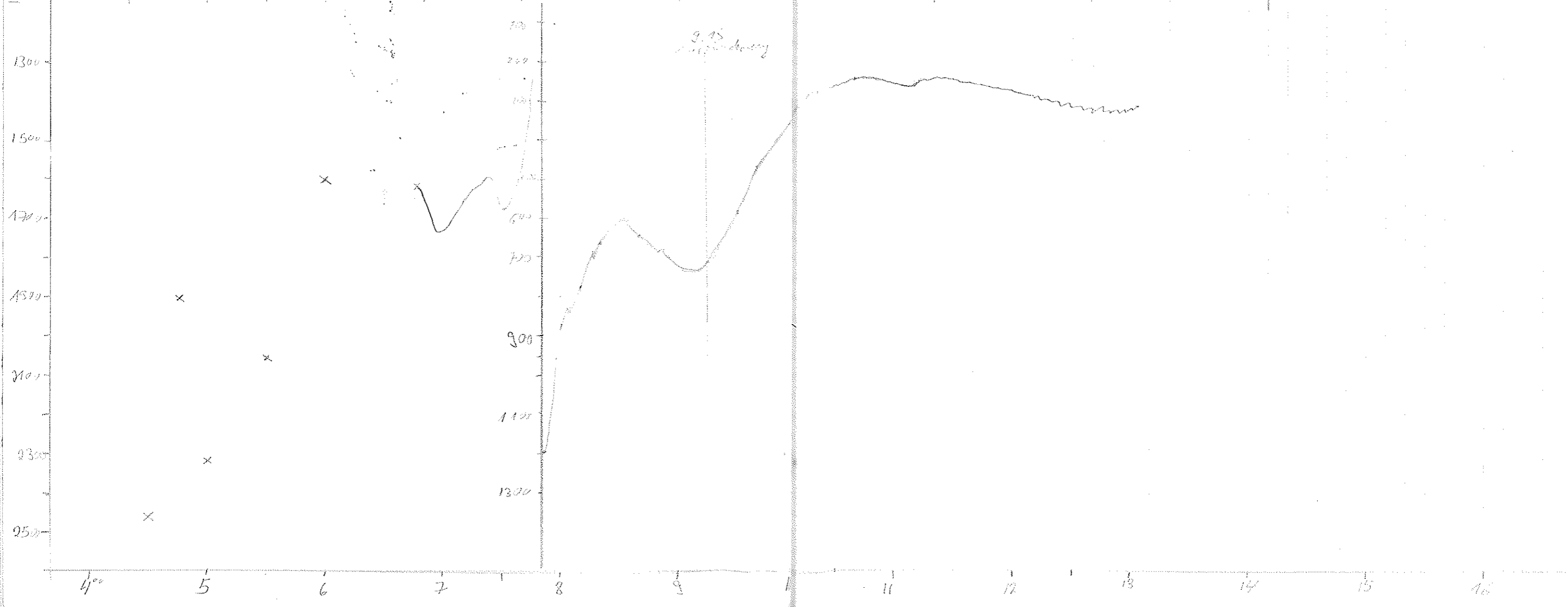
Rolle	Prof. l.	Datum	Zeit	Lat S	Lon W	Geschw.	Tiefe	Kurs	Wasserfolge	Sweeps	Delay	Pols Länge	Protokoll	Demerkungen
10	10/678	17.1	21.30	76°05'46"	31 10 38	5.3	478	24.4	KP	2	25	1	Von	
"	"	"	22.00	02 85	07 51	5.5	467	17.9	KP	2	25	1	"	
"	"	"	22.30	00 43	03 93	3.7	464	26.7	KP	2	25	1	"	
"	"	"	23.00	75 58 01	70 53 51	5.6	461	21.6	"	"	"	"	"	
"	"	"	23.30	75 55 54	70 55 31	5.6	456	23.7	"	"	"	"	"	
"	"	18.1	00.00	75 57 13	30 51 43	5.4	454	22.0	"	"	"	"	"	
10	10/678	18.1.	00.30	75°50,65'	30°46,81'	5.3	451	20.7	KP	2	25	1	Ende	
"	"	"	01.00	75°43,04'	30°42,32'	5.5	450	20.3	"	"	"	"	"	
"	"	"	01.30	75°45,65'	30°38,67'	5.4	449	19.6	"	"	"	"	"	
"	"	"	02.00	75°43,11'	30°34,42'	5.5	447	17.6	"	"	"	"	"	
"	"	"	02.30	75°40,05'	30°29,96'	5.8	441	16.9	"	"	"	"	"	
"	"	"	03.00	75°37,01'	30°25,61'	5.8	438	22.3	"	"	"	"	"	
"	"	"	03.30	75°34,57'	30°21,88'	5.6	436	27.0	"	"	"	"	"	
"	"	"	4:00	32.88	17.32'	5.4	434	24.2	"	"	"	"	"	
"	"	"	4:35	33.23	17.43'	5.0	439	30.3	"	"	"	"	"	Prof.wechsel
"	"	"	5:00	33.48	17.56'	4.7	429	37.2	"	"	"	"	"	
"	"	"	5:30	33.88	18.05'	5.0	434	30.7	"	"	"	"	"	
"	"	"	6:00	33.33	18.24'	5.3	430	35.0	"	"	"	"	"	
"	"	"	6:30	33.11	18.46'	5.1	422	35.9	"	"	"	"	"	
"	"	"	7:00	32.07	18.23'	5.1	424	35.7	"	"	"	"	"	
"	"	"	7:15	32.02	18.07'	5.1	425	37.1	"	"	"	"	"	Rolle befreit
"	"	"	7:30	32.15	17.99'	5.1	432	36.8	"	"	"	"	"	Steamer wird eingeholt
"	"	"	8:00	28.48	5.92	4.6	431	40.9	"	"	"	"	"	
"	"	"	8:30	29.62	28° 46.12'	9.3	416	4.3	"	"	"	"	"	
"	"	"	9:00	29.33	25.04	10.3	402	73.7	"	"	"	"	"	
"	"	"	9:32	29.74	3.28	9.9	305	88.8	"	"	"	"	"	
"	"	"	10 02	29.77	27°43.93'	10.0	302	88.4	"	"	"	"	"	
"	"	"	10:30	29.0.6	25.26	9.9	275	88.5	"	"	"	"	"	
"	"	"	11:06	29.40	4.50	5.3	236	87.6	"	"	"	"	"	Profil ende Halley



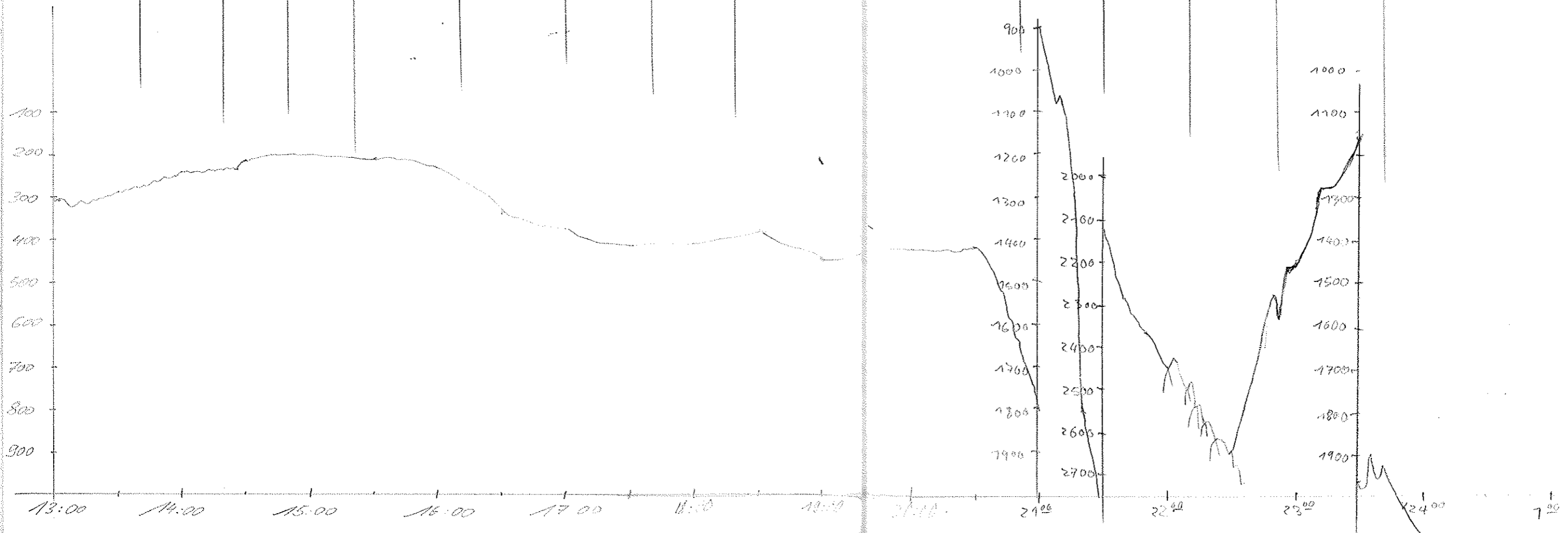
Rolle	Profil	Datum	Zeit	Lat S	Lon W	Teschv.	Tiefe	Kurs	Triggerfolge	Sweeps	Delay	Puls-Länge	Protokoll	Bemerkungen
10	10/680	18.1.87	18:30	75°29.63	26°58.18	9.3	225	43.4	KP	2	0.25	1	Kahn	Profil Beginn
"	10/680	"	19:00	26.15	51.08	5.5	218	19.0	KP	2	0.25	1	Erhardt	
"	10/680	"	19:30	22.80	45.47	8.3	287	46.8	KP	2	"	"	"	Chart 200
"	"	"	20:00	19.77	31.22	10.1	434	51.6	KP	2	"	"	"	
"	"	"	20:31	16.41	19.82	10.3	514	56.4	HP	2	0.00	"	Ti	
"	"	"	21:02	13.14	25 58.45	10.5	570	52.8	HP	2	0.00	"	Ti	
"	"	"	21:27	10.53	45.45	10.2	478	52.0	HP	2	0.00	"	Ti	
"	"	"	22:01	07.41	27.15	9.9	425	54.6	HP	2	0.00	"	Ti	
"	"	"	22:03					54.5						
"	"	"	22:08	06.01	25.30	10.0	570	55.6	HP	2	0.00	"	Ti	} Kursänderung
"	"	"	22:30	00.37	23.28	10.2	543	4.6	KP	2	0.00	"	Ti	
"	"	"	23:03	74 56.15	22.58	10.6	550	0.9	HP	2	0.00	"	Ti	
"	"	"	23:30	51.64	21.85	10.7	622	2.2	HP	2	0.00	"	Ti	
"	"	"	24:00	74 46.53	21.68	10.3	641	0.2	HP	2	0.00	"	Ti	
"	"	19.1.87	00:30	41.43	21.20	10.2	614	0.5	KP	2	0.00	"	Rott	
"	"	"	1:00	35.27	21.45	10.6	588	0.6	KP	2	0.00	"	R	
"	"	"	1:30	30.37	21.20	10.4	570	1.1	KP	2	0.00	"	R	
"	"	"	2:00	25.70	25.23	10.4	531	340.5	KP	2	0.00	"	R	
"	"	"	2:10	24.14	25.26	10.3	518	378.2	KP	2	0.00	"	R	Kursänderung wegs. bis
"	"	"	2:21	23.25	31.65	9.8	506	279.2	KP	2	0.00	"	-	
"	"	"	2:33	23.15	39.45	10.3	501	271.6	KP	2	0.00	"	-	
"	"	"	3:00	23.33	25 55.83	9.6	1430	261.0	KP	2	0.13	"	-	
"	"	"	3:30	23.08	26 09.36	5.8	198.0	275.0	KP	2	0.13	"	-	
"	"	"	3:50	74 22.53	26 15.65	6.3	637	307.8	"	2	"	"	Sektor	Kursänderung auf "alten" Kurs
"	"	"	4:00	74 21.43	13.31	10.0	835	45.8	"	2	"	"	"	



Rolle	Profil	Datum	Zeit	Lat. S	Long W	Geschw.	Tiefe	Kurs	Triggereolge	Sweeps	Delay	Jänge	Protokoll	Bemerkungen
10	10/630	19.1	4:30	74 16 54	26 05 59	10.2	2453	27.64	KP -	2	.38	1	Schl. 70	- keine Korrektur, EBO-Sound-analyse
"	"	"	4:45	16 09	57 31	10.1	1907	84.1	KP -	2	.00	1	"	- Ideal verläuft
"	"	"	5:00	15 27	47 31	10.2	2312	85.6	KP -	2	.00	1	"	- Die Sonar-EBO-Sound-analyse
"	"	"	5:30	13 45	25 33 28	10.4	2051	45.2	KP -	2	.00	1	"	da Anzeige zu 90° der Zeit
"	"	"	6:00	10 06	18 37	10.2	1600	45.2	"	"	"	"	"	ca 0000 "sprung". zu steiler
"	"	"	6:30	74 07 13	25 04 60	10.2	-	50.2	"	"	"	"	"	Richtl. laut Beschäftigung Drücker
"	"	"	6:45	74 05 43	24 55 34	9.8	1614	51.3	"	"	"	"	"	- Energie des Schwingen ab 38% Tiefe
"	"	"	6:57	04 45	50 72	10.2	1736	52.1	"	"	.38	"	"	Delay verändert "Korrekt"
"	"	"	7:00	04 25	49 41	10.0	1715	57.3	"	"	"	"	"	"
"	"	"	7:14	02 37	41 86	10.0	1667	62.5	KPK-P-	5	.00	"	"	Triggereolge verändert
"	"	"	7:20	02 51	38 80	10.0	1599	60.8	"	"	.13	"	"	"
"	"	"	7:30	01 61	32 59	10.0	1681	60.0	"	"	"	"	"	"
"	"	"	7:51	73 59 87	24 20 58	10.2	1191	61.4	KP - -	2	.38	"	"	"
"	"	"	8:00	59 32	17 13	10.2	878	60.5	"	"	"	"	"	"
"	"	"	8:01	"	"	"	"	"	"	"	"	"	"	"
"	"	"	8:18	73 57 27	24 07 47	10.2	654	60.6	KP -	2	.13	1	Halte	"
"	"	"	8:48	73 53 46	22 25 17	9.3	578	93.0	KP -	2	.38	1	"	Um 9.15 Kurs auf 90° geändert
"	"	"	9:38	73 53 47	25 25 16	10.2	1777	92.7	KP	2	.13	1	"	"
"	"	"	10:17	53 65	22 59 44	10.5	277	91.1	"	"	.38	"	Haltejaeger	"
"	"	"	10:46	53 76	43 22	10.4	247	90.5	"	"	"	"	"	"
"	"	"	11:09	53 73	27 65	10.4	267	86.5	"	"	"	"	"	"
"	"	"	11:36	56 70	75 73	10.1	242	77.7	"	"	"	"	"	Kurswechsel
"	"	"	12:10	56 58	71 54 32	10.5	281	89.2	"	"	"	"	"	"
"	"	"	12:50	54 99	30 14	10.3	328	27.3	"	"	"	"	"	Kurswechsel

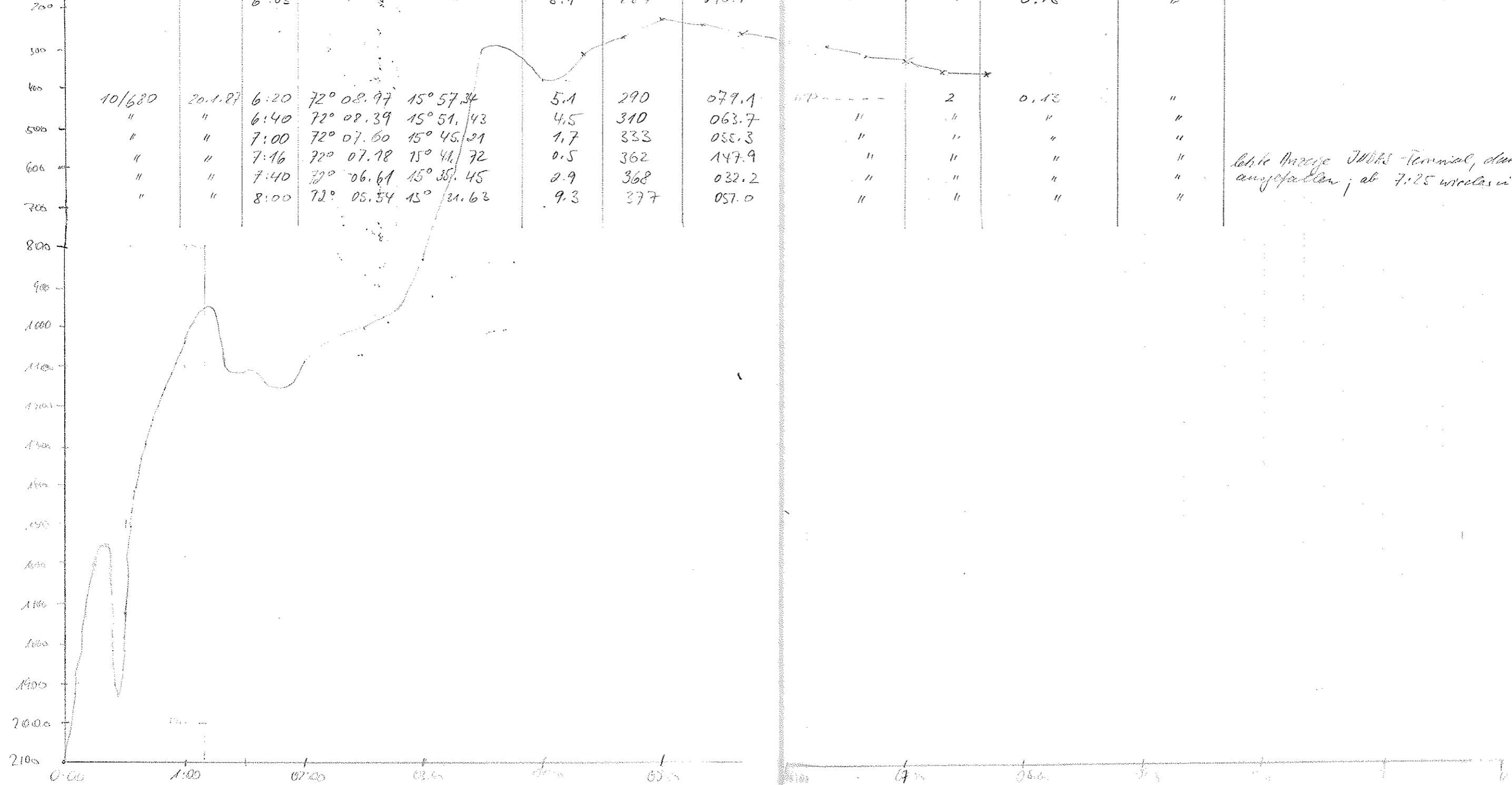


Rolle	Profil	Datum	Zeit	lat S	Lon W	Geschw.	Tiefe	Kurs	Triggerfolge	Sweep	Delay	Länge	Protokoll	Bemerkungen
10	10/600	13.1.87	13:03	73° 53.04	24° 26.40	10.5	300	28.1	KP	2	.38	1.	Modul jept	
"	"	"	13:30	48.30	18.15	"	293	28.2	"	"	"	"	"	
"	"	"	14:00	44.34	24° 03.29	10.7	247	28.3	"	"	"	"	"	
"	"	"	14:30	39.45	24.18	10.7	211	27.5	"	"	"	"	"	
"	"	"	14:50	36.37	20° 55.18	10.6	190	27.3	"	"	"	"	"	
11	"	"	15:05	33.39	50.78	10.6	205	29.7	"	"	"	"	"	Rolle gewechselt
"	"	"	15:37	31.63	43.12	5.7	209	47.1	"	"	"	"	"	Start, passigen Kauerhals
"	"	"	16:00	28.54	36.73	2.8	243	23.0	"	"	"	"	"	Magnetik wird eingelast
11	"	"	16:30	73° 24.37	20° 32.27	9.2	342	20.9	"	"	"	"	Kayer	
11	"	"	17:00	73° 20.17	20° 30.14	9.1	374	18.7	"	"	"	"	"	
11	"	"	17:30	73° 15.92	20° 24.04	10.0	416	30.0	"	"	.25	"	"	
11	"	"	18:00	73° 12.25	20° 15.37	8.9	411	43.9	"	"	"	"	"	
11	"	"	18:30	73° 08.53	20° 02.78	10.0	391	43.6	"	"	"	"	"	
11	"	"	19:00	73° 05.26	19° 51.31	10.5	446	24.4	"	"	"	"	"	
11	"	"	19:30	73° 01.64	19° 44.78	10.6	439	25.7	"	"	"	"	"	
"	"	"	20:00	72° 56.34	19° 37.27	10.4	420	44.0	"	"	"	"	Ehrhardt	
"	"	"	20:30	51.85	28.81	10.7	424	45.0	K-P	2	.38	"	"	
"	"	"	21:00	47.07	25.10	8.7	796	354.0	K-P	2	.38	"	"	
"	"	"	21:30	43.27	19.29	10.1	2114	27.2	K-P	2	.13	"	"	
11	"	"	22:00	40.14	07.74	10.5	2443	49.0	KPRP	2	.00	"	"	
11	"	"	22:35	35.99	18° 56.48	9.6	2445	52.9	K-P-K-P	2	.98	"	"	
11	"	"	23:00	34.09	43.25	9.9	2274	70.8	K-P	2	.00	"	"	
11	"	"	23:30	32.57	18° 28.69	10.5	1967	70.6	K-P	2	.38	"	"	

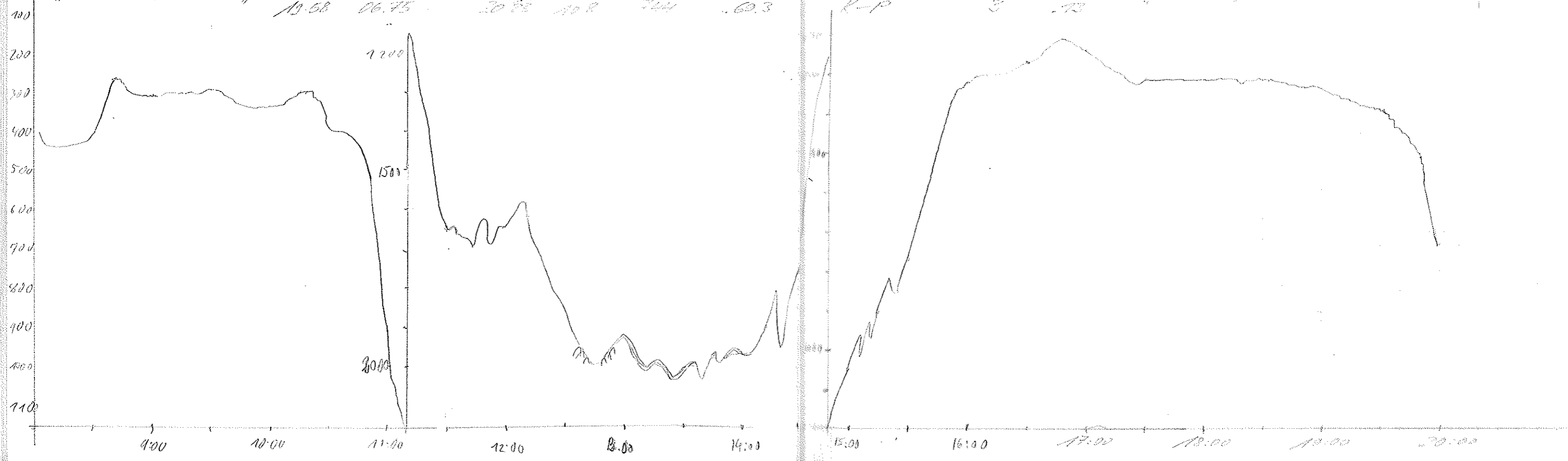


Rolle	Profil	Datum	Zeit	Lat S	Lon W	Geschw	Tiefe	Wass	Triggerfolge	Sweeps	Delay	Länge	Protokoll	Bemerkungen
M	10/680	20.1.87	0:00	72° 30.95	18° 13.27	10.1	2190	071.1	KP --	2	00		folgt	
"	"	"	0:30	72° 29.33	18° 57.85	10.0	1777	070.8	KP --	2	0.38		"	
"	"	"	1:00	72° 28.00	18° 43.12	9.9	1096	056.5	KP ---	2	0.38		"	
"	"	"	1:30	72° 23.02	18° 31.07	10.0	1119	062.6	"	1	"		"	
"	"	"	2:00	72° 21.63	18° 16.62	10.1	1018	079.4	"	"	"		"	
"	"	"	2:30	72° 18.78	18° 55.94	10.1	1091	074.6	"	"	"		"	
"	"	"	3:00	72° 18.82	18° 44.24	10.1	831	060.6	K → P --	3	0.13		"	
"	"	"	3:30	72° 16.08	18° 30.49	10.4	350	057	KP --	2	0.25		"	
"	"	"	4:00	72° 13.68	18° 17.74	4.8	300	061.7	"	"	"		"	
M	10/680	20.1.87	4:20	72° 12.60	16° 12.30	6.8	326	015.1	KP - - - -	2	0.25		002152	
"	"	"	4:40	72° 10.46	16° 11.13	5.2	273	008.1	"	"	"		"	
"	"	"	5:00	72° 08.79	16° 10.75	6.0	226	359.1	"	"	"		"	
"	"	"	5:20	72° 07.82	16° 18.01	10.0	240	049.0	"	"	"		"	
"	"	"	5:40	72° 08.24	16° 11.46	9.8	265	115.5	"	"	"		"	
"	"	"	6:00	72° 09.16	16° 04.04	4.6	283	076.9	"	"	"		"	
"	"	"	6:03	"	"	8.1	284	090.9	"	"	0.73		"	
200														
300														
400														
500	10/680	20.1.87	6:20	72° 08.97	15° 57.34	5.1	290	079.1	KP - - - -	2	0.13		"	
600	"	"	6:40	72° 08.39	15° 51.43	4.5	310	063.7	"	"	"		"	
700	"	"	7:00	72° 07.60	15° 45.21	1.7	333	058.3	"	"	"		"	
800	"	"	7:16	72° 07.78	15° 41.72	0.5	362	147.9	"	"	"		"	
900	"	"	7:40	72° 06.61	15° 35.45	2.9	368	032.2	"	"	"		"	
1000	"	"	8:00	72° 05.54	15° 21.63	9.3	377	057.0	"	"	"		"	
1100														
1200														
1300														
1400														
1500														
1600														
1700														
1800														
1900														
2000														
2100														

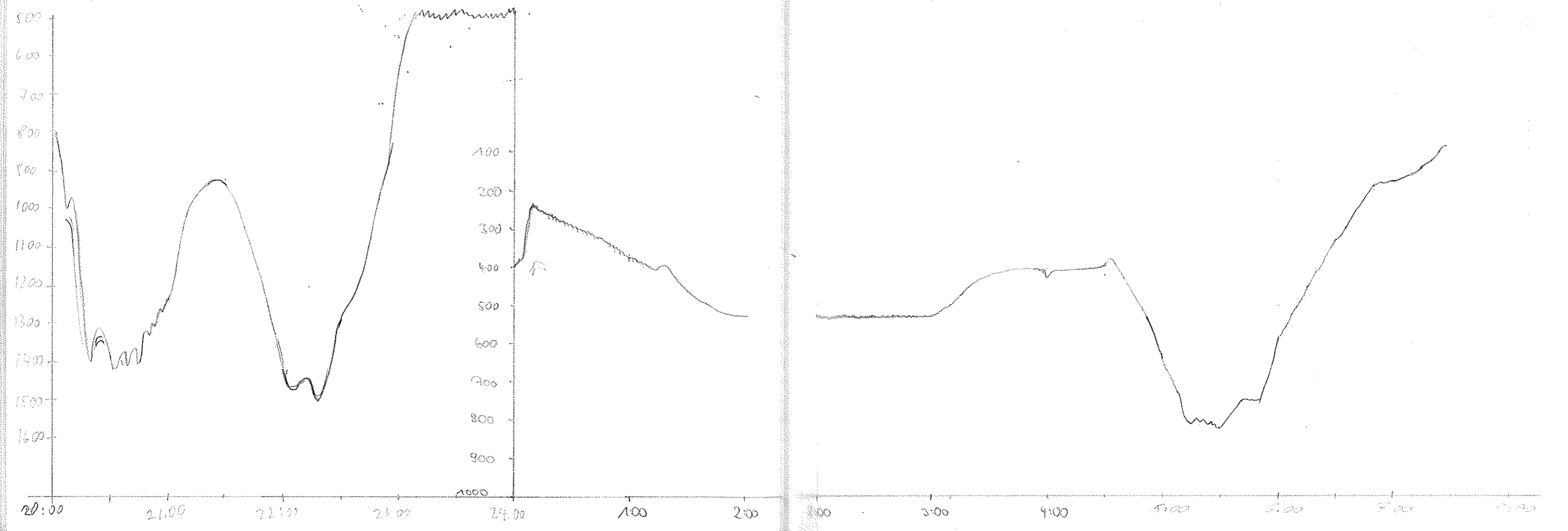
letzte Anzeige JWDK Terminal, dann ausgefallen; ab 7:25 wieder in Betrieb



Rolle	Profil	Datum	Zeit	Lat S	Lon W	Geschw.	Tiefe	Kurz	Triggerfolge	Sweeps	Delay	Puls Länge	Protokoll	Bemerkungen
11	10/680	20.1.87	8:35	72° 01.39'	15° 20.42'	10.1	324	43.7	KP	2	0.13	1	Ku	
"	"	"	9:01	71° 57.16'	15° 10.47'	10.4	376	28.6	"	"	0.25	"	"	
"	"	"	9:30	54.13	20.44	9.8	296	393.3	"	"	"	"	"	
"	"	"	10:15	48.00	20.12	9.6	300	26.4	"	"	"	"	"	
"	"	"	10:50	43.02	16.65	10.0	503	310.2	"	"	0.13	"	"	
"	"	"	11:30	37.43	22.13	9.9	1572	24.7	KPK-P	5	0.25	"	"	Schreibemaschine gewechselt
"	"	"	11:43	36.35	18.02	9.8	1678	69.3	"	"	0.0	"	"	
"	"	"	12:00	35.37	9.50	10.0	1585	70.2	"	"	"	"	"	
11	10/680	20.1.87	12:05	71° 35.13'	15° 07.56'	9.6	1486	58.4	KPK-P	5	0.38	1	Lensch	
"	"	"	12:11	34.24'	06.44'	9.9	1591	11.8	"	"	0.13	"	"	
"	"	"	12:30	31.32'	03.32'	9.9	1827	14.2	"	"	0.00	"	"	
"	"	"	12:37	30.22'	02.82'	9.9	1900	6.8	KP	2	0.13	"	"	
"	"	"	13:00	26.83'	01.91'	6.5	1926	355.6	"	"	"	"	"	
"	"	"	13:30	23.85'	00.01'	9.5	1996	63.3	"	"	"	"	"	
"	"	"	14:00	23.86'	14° 42.51'	9.9	1926	79.9	"	"	"	"	"	
"	"	"	14:25	22.08'	32.73'	9.9	1739	74.0	"	"	0.38	"	"	
"	"	"	14:35	21.65'	26.78'	9.7	1551	75.5	KPK-P	5	0.13	"	"	
"	"	"	14:43	21.34'	23.42'	9.9	1382	74.4	"	"	0.38	"	"	
"	"	"	14:54	20.64'	17.68'	10.2	1197	91.1	KP	2	0.25	"	"	
"	"	"	15:07	20.58'	10.85'	10.4	980	89.4	K-P	3	0.00	"	"	
"	"	"	15:27	20.54'	00.06'	10.4	626	89.5	"	"	0.25	"	"	
"	"	"	15:30	20.52'	13° 58.28'	10.2	481	81.4	KP	2	0.00	"	"	
"	"	"	15:37	20.22'	54.41'	10.4		67.2	"	"	0.25	"	"	
"	"	"	16:00	18.68'	43.59'	10.2	316	67.2	"	"	"	"	Niedergeräusch	
"	"	"	16:30	17.28'	28.22'	10.0	234	54.8	"	"	"	"	"	
"	"	"	17:01	16.20'	19.34'	7.6	242	21.6	"	"	0.38	"	"	
"	"	"	17:30	13.44'	13.68'	9.8	311	77.2	"	"	"	"	"	
"	"	"	18:00	11.37'	01.93'	9.0	319	64.1	"	"	"	"	"	
"	"	"	18:30	11.53'	11° 53.49'	8.5	311	105.0	"	"	"	"	"	
"	"	"	18:50	10.48'	46.34'	5.0	379	46.5	"	"	"	"	"	
"	"	"	19:30	08.28'	37.24'	10.5	337	72.7	"	"	0.25	"	"	
"	"	"	19:50	07.22'	24.00'	10.5	517	63.3	"	"	0.00	"	"	
"	"	"	19:58	06.75'	20.85'	10.8	744	60.3	K-P	3	0.13	"	"	



Rolle	Profil	Datum	Zeit	Lat S	Lon W	Geotief.	Tiefe	Kurs	Triggerfolge	Swings	Delay	Refs. Länge	Protokoll	Bemerkungen
77	10/680	20-1-87	20:07	71° 06.11	12° 15.23	10.3	1055	65.0	KP	2	.13	7	Drift	
"	"	"	20:30	04.58	04.68	10.5	1329	75.7	"	"	"	"	"	
"	"	"	21:00	07.41	11° 50.89	10.6	1269	57.0	"	"	"	"	"	
"	"	"	21:06	07.75	47.80	10.5	1120	53.7	K-P	3	.00	"	"	
"	"	"	21:30	70° 58.20	11° 43.00	10.4	908	20.0	"	"	"	"	"	
"	"	"	21:50	down	"	"	1275	"	KP	2	.00	"	"	
"	"	"	22:31	70° 57.01	78.66	10.6	1271	97.4	K-P	3	.00	"	"	
"	"	"	22:54	52.00	12.78	10.7	854	73.9	KP	2	.00	"	"	
"	"	"	23:30	50.07	10° 54.88	10.7	477	81.9	"	"	"	"	"	
"	"	"	23:49	45.44	46.03	10.6	456	76.3	"	"	.25	"	"	
"	"	21.1.87	00:00	48.92	39.51	10.8	?	76.4	"	"	"	"	"	
"	"	21.1.87	00:30	49.74	25.31	10.2	306	77.1	"	"	"	"	Hain	
"	"	"	1:00	46.24	10.26	10.4	379	66.9	"	"	"	"	"	
"	"	"	1:30	45.03	9° 54.96	10.6	466	78.4	"	"	"	"	"	
"	"	"	2:00	43.10	42.30	8.4	541	79.1	"	"	"	"	"	
"	"	"	2:30	39.89	31.36	8.8	540	59.4	"	"	"	"	"	
"	"	"	2:42	38.84	26.22	9.7	554	65.8	"	"	.13	"	"	
"	"	"	3:00	37.44	18.78	9.7	553	43.2	"	"	"	"	"	
"	"	"	3:30	33.36	11.14	8.8	448	40.0	"	"	"	"	"	
"	"	"	4:00	30.74	8° 59.80	9.7	490	44.1	"	"	"	"	"	
"	"	"	4:30	27.35	50.21	9.5	444	24.4	"	"	"	"	Niedrigwasser	
"	"	"	5:01	25.29	41.67	7.3	646	78.3	"	"	"	"	"	
"	"	"	5:07	25.15	39.52	7.9	739	73.1	K-P	3	.25	"	"	
"	"	"	5:41	23.62	25.13	9.7	750	79.3	"	"	"	"	"	
"	"	"	6:00	24.25	17.88	10.7	586	143.1	KP	2	"	"	"	
"	"	"	6:31	29.03	10.09	8.2	332	170.4	"	"	"	"	"	
"	"	"	7:01	33.71	9.49	8.7	180	172.0	"	"	.38	"	"	
"	"	"	7:25	36.14	9.00	4.1	80	192.0	K-	"	.00	"	"	
"	"	"	7:30	36.28	9.20	1.3		245.0	"	"	"	"	"	on Atka



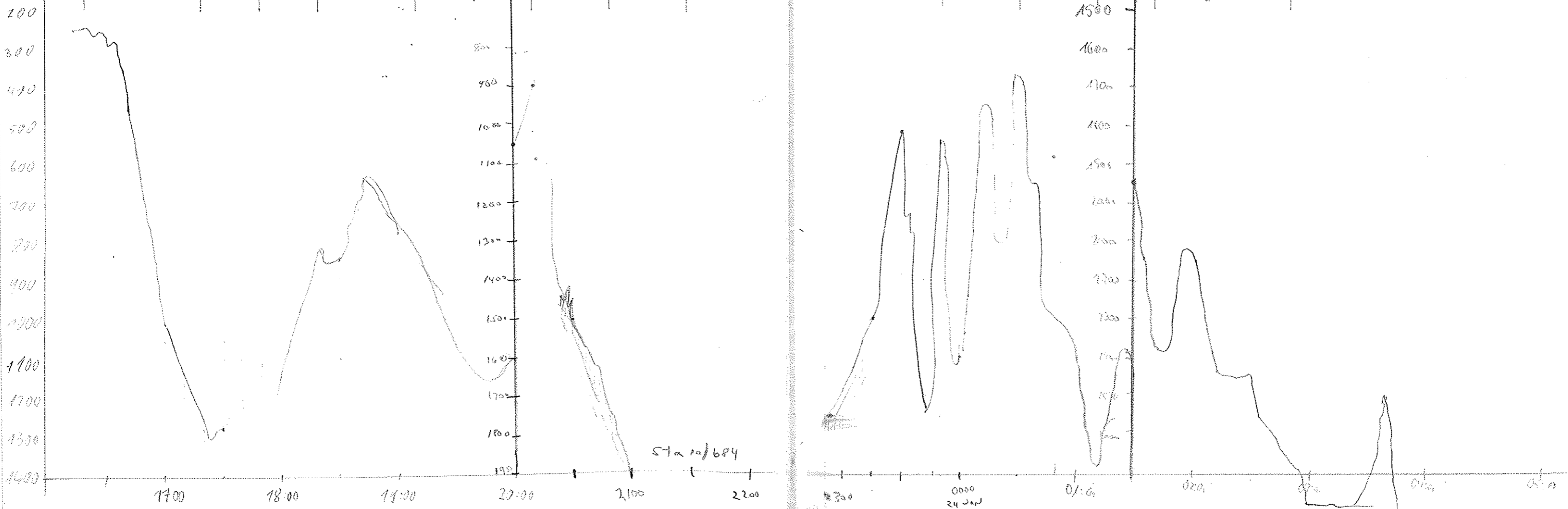
Roll	Profil	Datum	Zeit	Lat S	Lon W	Geschw.	Tiefe	Kurs	Trigyeefolge	Sweeps	Delay	Pulse Length	Protokoll	Bemerkungen
12	10/683	23.7.87	16:15	70°30.49	7°59.98	3.9	257	44.1	KP	2	0.38	7	Kanin	Papier, Schreibmaschinen gewechselt
"	"	"	16:42	28.23	53.98	8.5	458	53.4	K-P	3	0.38	7	"	
"	"	"	16:55	26.90	50.99	7.8	~850	49.8	KP	2	0.38	7	Osterhus	
"	"	"	17:02	49.78	49.28	6.4	1019	21.5	"	"	"	"	"	
"	"	"	17:09	25.64	48.11	3.9	1231	46.9	KPK-P	5	"	"	"	
"	"	"	17:30	24.53	46.98	4.1	1278	55.5	"	"	"	"	"	
"	"	"	18:00	24.16	45.41	2.0	1173	69.8	KP	2	"	"	"	
"	"	"	18:05	23.93	44.32	6.1	~	54.2	KPK-P	5	"	"	"	
"	"	"	18:23	21.72	40.10	10.7	1185	12.5	KP	2	"	"	"	
"	"	"	18:30	20.71	39.12	6.2	4945	42.1	"	"	"	"	"	
"	"	"	18:39	19.48	36.39	10.5	824	39.7	K-P	3	"	"	"	
"	"	"	19:00	16.45	29.03	10.2	~835	20.2	"	"	"	"	"	
"	"	"	19:26	17.58	21.00	9.6	864	26.7	KP	2	"	"	"	
"	"	"	20:00	09.92	10.73	9.4	1166	9.3	"	"	"	"	"	
"	"	"	20:20	70° 02.42	7° 01.90	9.9	1226	67.2	KP	2	0.38	"	"	
"	"	"	20:40	07.018	6° 52.37	7.7	1747	63.7	KP	2	38	"	"	
"	"	"	21:00	05.188	6° 46.27	2.5	1927	10.7	KP	2	38	"	"	
"	10/684	"	22:49	70° 07.12	6° 49.75	4.0	1750	2432	KP	2	38	"	"	
"	10/685	"	23:00	70° 07.42	6° 53.44	9.1	1620	293.9	KP	2	38	"	"	
"	"	"	23:25	70° 09.62	7° 05.17	10.2	1060	212.2	KP	2	38	"	"	
"	"	"	23:42	70° 10.51	7° 13.65	9.9	1217	263.4	KP	2	38	"	"	
"	"	24/87	00:03	70° 10.29	7° 22.60	9.6	1052	247.7	KP	2	38	"	"	
"	"	"	00:30	70° 10.21	7° 35.14	10.3	1165	210.4	"	1	"	"	"	
"	"	"	01:00	70° 09.71	07° 51.96	10.2	1676	301.0	KPK-P	5	00	"	"	
"	"	"	01:30	70° 07.65	08° 04.07	10.1	2920	300.4	KP---	2	0.24	"	"	
"	"	"	02:00	70° 07.60	08° 19.21	10.0	2157	264.7	KPKP-	5	"	"	"	
"	"	"	02:30	70° 05.49	08° 31.95	10.0	2470	300.6	KPKP-	5	00	"	"	
"	"	"	03:00	70° 00.98	08° 35.99	10.2	2811	339	KP---	2	0.15	"	"	
"	"	"	03:30	69° 56.47	08° 44.72	10.1	7877	341	KP---	2	0.0	"	"	
"	"	"	04:00	69° 54.30	08° 56.77	10.7	7894	280	KP---	2	00	"	"	

stop for station 10/684 start

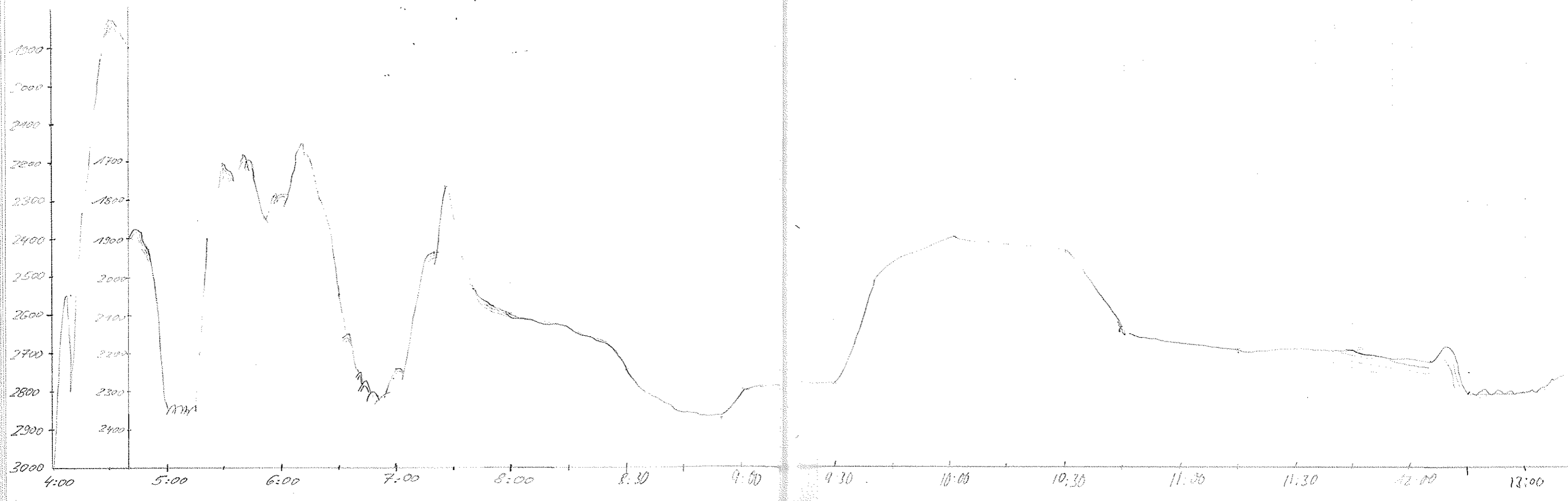
change course 20° to avoid ice

Fahrt

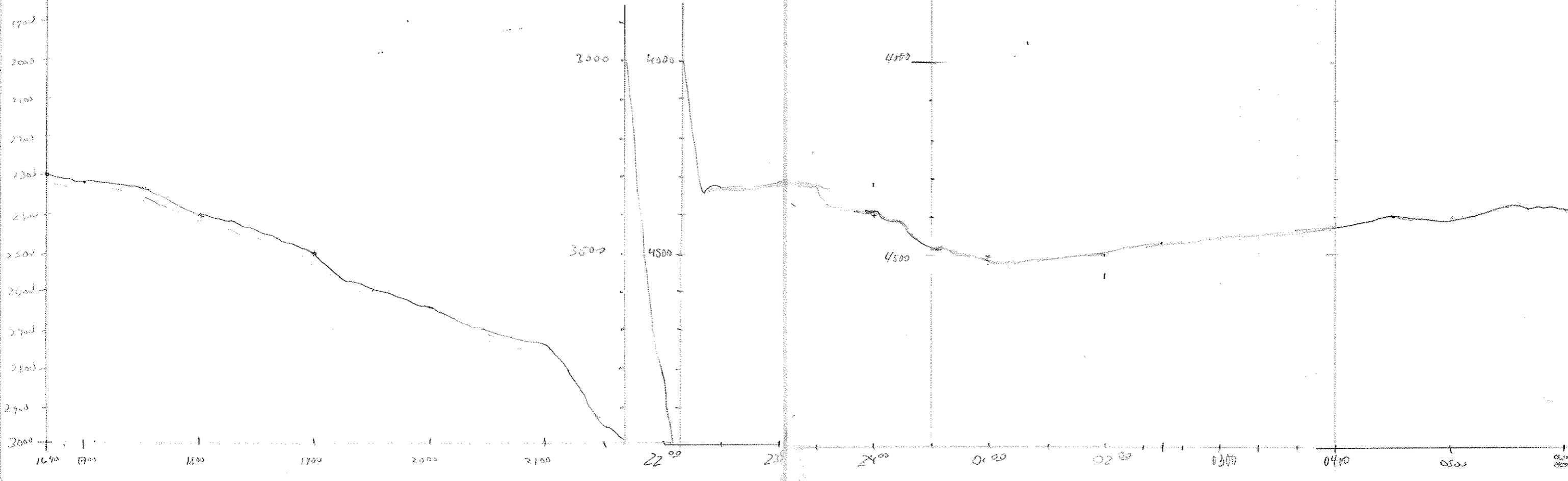
Kursänderung auf 380° 4/85
 Kursänderung auf 700° 01:42
 Kursänderung auf 280° 02:00
 Kursänderung auf 300° 02:10
 Kursänderung auf 340° 02:45
 Kursänderung auf 280° 03:45



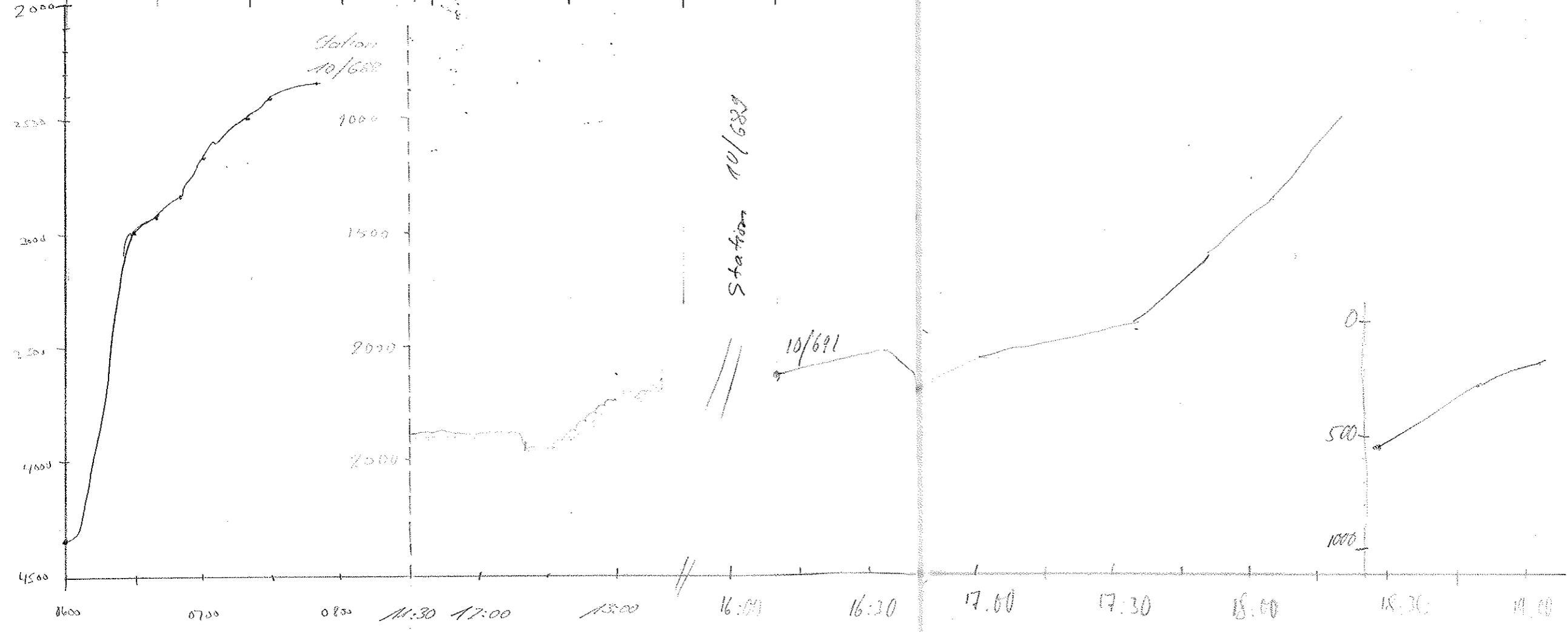
Roller	Profil	Datum	Zeit	Lat S	Long W	Graben	Tiefe	Kurs	Triggerfolge	Sixeps	Delay	Pulse	Protokoll	Bemerkungen
12	10/685	24.1.88	4:47	69° 53.65	99° 04.34	10.4	2331	270.5	KPRP-	5	.13	1	Niederjasper	
"	"	"	4:26	53.43	09.47	10.0	1937	293.9	KP	2	.00	"	"	
"	"	"	4:33	53.07	11.49	8.4	1830	221.3	"	"	.38	"	"	
"	"	"	4:51	53.69	14.05	10.4	2167	213.9	KPRP-	5	"	"	"	
"	"	"	5:14	58.60	21.93	10.0	2351	220.3	"	"	.00	1	"	
"	"	"	5:22	59.33	24.78	9.4	1904	261.4	KP	2	.25	"	"	
"	"	"	5:42	59.28	35.35	10.2	1698	270.7	"	"	.38	"	"	Häufig Kursänderung wegen Eis
"	"	"	6:16	59.16	51.82	10.2	1716	276.7	"	"	"	"	"	
"	"	"	6:30	59.28	59.00	10.7	2050	262.6	KPRP-	5	"	"	"	
"	"	"	7:05	70° 03.36	53.85	9.9	2242	157.6	"	"	"	"	"	
"	"	"	7:21	05.59	58.26	10.5	1935	212.9	KP	2	.13	"	"	
"	"	"	7:48	09.01	10° 02.85	3.9	2078	224.0	"	"	"	"	"	Magnetometer wird eingeholt
12	"	"	8:02	70° 09.37	10° 04.80	2.5	2094	257.9	"	"	.13	"	Bayer	
12	"	"	8:23	09.59	07.36	6.0	2216	201.7	"	"	.00	"	"	
12	"	"	8:28	09.96	08.80	9.6	2217	254.7	"	"	"	"	"	neuer Kurs f. S1.5m
12	"	"	8:52	10.16	10.81	11.8	2257	253.3	KPRP-	5	.25	1	"	
4	"	"	9:00	11.36	25.37	11.0	2251	253.2	"	4	"	4	"	
4	"	"	9:30	13.23	42.12	10.9	2211	248.3	"	"	"	1	"	
4	"	"	9:40	13.84	47.88	11.0	1999	253.5	KP	2	.00	1	"	
4	"	"	10:03	15:15	58:14	10.9	1879	255.8	KP	2	.25	"	"	
4	"	"	10:27	16:02	11° 10.55	11.0	1927	260.2	"	"	"	"	"	
4	"	"	10:43	16:57	19:29	11.0	2131	259.7	KPRP-	5	.25	7	"	
4	"	"	11:15	17:53	35:24	11.1	2198	265.5	"	"	"	"	"	
4	"	"	11:40	18:51	48:26	10.9	2183	255.7	"	5	.25	7	"	
"	"	"	11:59	19:41	58:16	11.2	2228	255.9	"	4	"	"	"	
"	"	"	12:31	20:42	12° 14.89	10.8	2312	256.3	"	"	"	"	"	
"	"	"	13:00	22:07	28:45	6.7	2795	262.8	"	"	"	"	"	
"	"	"	13:18	22:36	33:44	7.1	2268	249.3	"	"	"	"	"	Stop for station 10/686



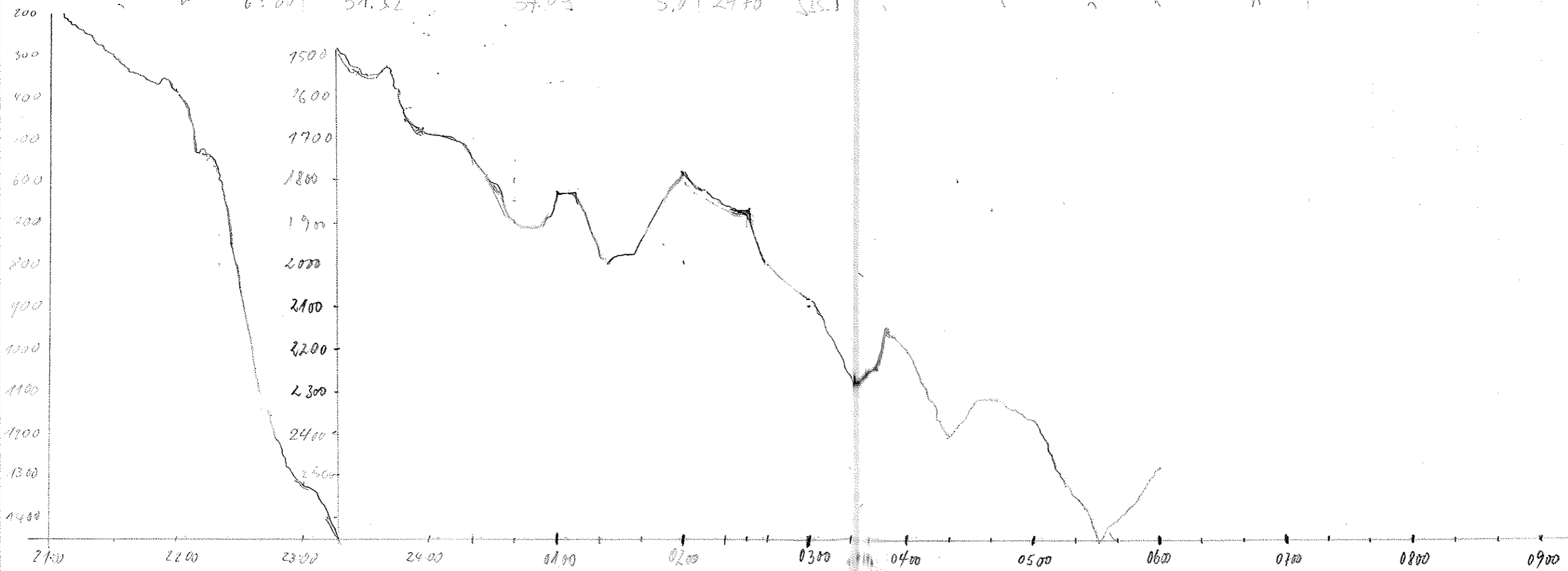
Rolle	Profil	Datum	Zeit	Lat S	Long W	Ordnung	Tiefe	Kurs	Trippel/Sec	Swaps	Delay	Pulse	Protokoll	Bemerkungen
12	10/687	24.1.87	1650	70° 22.39	12° 38.44	2.3	2317	11	KPKP -	5	.25	1	Bullister	leave sta 10/687
"	"	"	1730	70° 21.21	12° 38.31	1.2	2334	20	"	"	"	"	"	
"	"	"	1802	70° 20.04	12° 40.14	1.9	2384	31	"	"	"	"	"	
"	"	"	1830	70° 19.29	12° 41.87	1.9	2444	336	KPKP	5	.00	"	"	
"	"	"	1900	18.36	43.88	2.0	2494	329	"	"	"	"	"	
"	"	"	1930	17.41	46.05	1.9	2541	327	"	"	"	"	"	
"	"	"	2007	16.40	48.07	2.0	2663	323	KP	2	.00	"	"	
12	10/687	24.1.87	2030	70° 15.76	12° 50.37	1.5	2711	324	KP	2	.00	1	funke	
"	"	"	2100	14.88	52.54	2.2	2785	323	"	"	"	"	"	
"	"	"	2130	12.84	57.71	5.1	2965	322	"	"	"	"	"	
"	"	"	2139	12.22	58.93	4.9	2994	323	K-P	3	0.13	"	"	
"	"	"	2151	11.41	13° 00.94	5.0	3387	318	KP	2	0.00	4	"	
"	"	"	22:02	10.87	02.93	5.0	3737	320	KP-	3	.00	"	"	
"	"	"	22:12	09.90	05.43	5.0	4360	323	KP	2	.00	"	"	
"	"	"	23:00	07.38	12.56	4.6	4313	323	"	"	"	"	"	
"	"	"	23:41	04.67	18.76	4.9	4364	326	"	"	"	"	"	
"	"	25.1.87	24 00	70° 03.32 S	13° 21.93 W	5.2	4412	327	"	"	"	"	"	
"	"	"	00 30	01.46	25.9	5.1	4443	325.7	K-P-K-P-	7	.13	4	"	
"	"	"	00 10	69° 59' 52"	30.30	5.0	4510	290°	"	"	"	"	"	Kursänderung auf 294° ü. Grund
"	"	"	01 34	70° 01' 43"	35.90	4.7	4519	205.2°	"	"	"	"	"	
"	"	"	02 00	03.20	38.80	4.8	4503	204.9°	"	"	"	"	"	
"	"	"	02 35	05.60	42.46	3.6	4478	205.9	"	"	"	"	"	
"	"	"	03 03	06.23	44.00	1.3	4469	204.9	"	"	"	"	"	
"	"	"	03 35	06.62	45.90	1.9	4465	201.4	"	"	"	"	"	Stromer wird eingeholt
"	"	"	04 00	70 06.59 S	13° 48.75 W	5.3	4438	202.8	"	"	"	"	"	
"	"	"	04 27	10.40	51.93	5.1	4405	203.7	K-P-K-P-	7	.38	"	Bullister	
"	"	"	04 58	13.04	55.90	5.3	4397	212.9	"	"	"	"	"	
"	10/687	"	05 31	15.55	14° 01.12	4.9	4372	213.4	"	"	"	"	"	
"	"	"	06 00	18.66	13 54.41	9.2	4372	142.6	"	"	"	"	"	



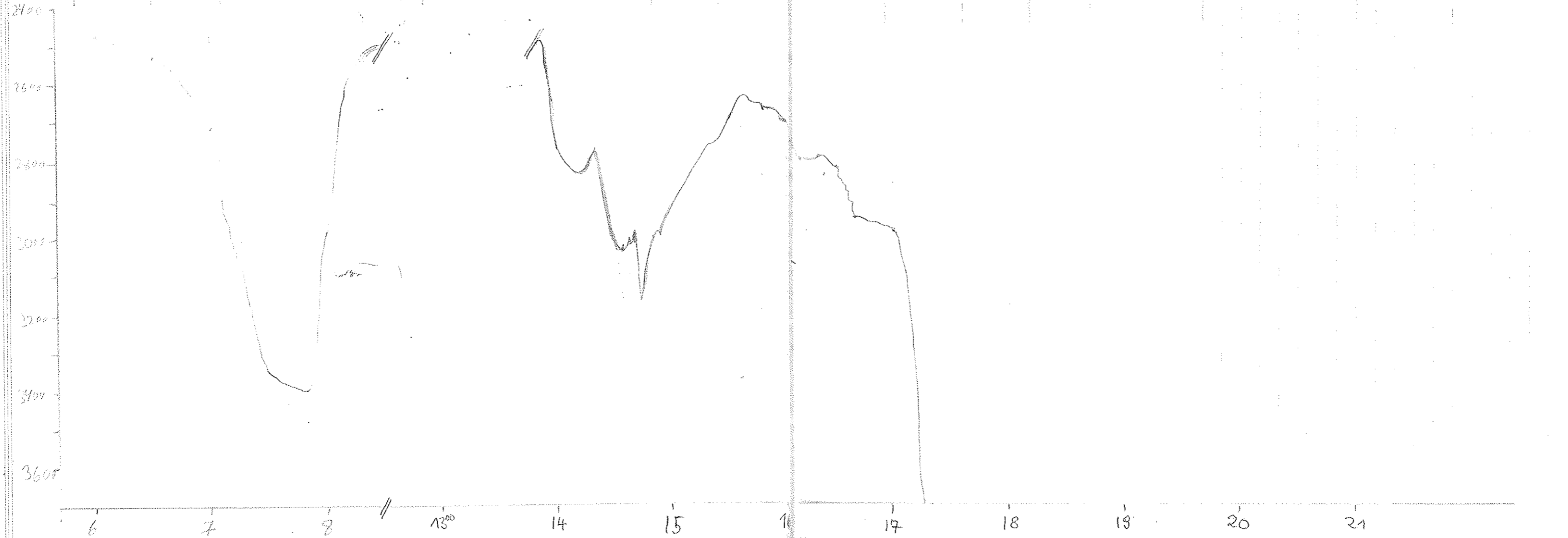
Rolla	Prof	Datum	Zeit	h _{ts}	h _{ogW}	G _{rad}	T _{mpf}	K _{ms}	Tr _{ngg}	S _{un}	Del _{ng}	P _{uden}	P _{ntel}	B _{em}
12	10/687	25.1.87	06:25	70° 21.87	13° 47.01	9.7	3640	140.2	K-P	3	.30	4	Bullister	
"	"	"	07:00	70° 26.94	13° 35.29	9.9	2690	147.8	KP	2	.25	4	"	
"	"	"	07:30	30.85	28.04	9.7	2456	143.8	"	"	"	"	"	
"	"	"	07:35	31.69	26.27	9.9	2407	143.8	KPKP	5	.13	4	"	
"	"	"	07:49	70° 32.90	13° 24.37	1.3		111.6	"	"	"	"	"	
"	10/688	"	11:30	70° 33.63	13° 20.63	8.9	2370	133.2	KPKP	5	0.15	1.0	Niederjäger	On station 10/688
"	"	"	12:00	37.10	10.47	9.9	2354	135.9	"	"	"	"	"	Ende Station 11:44
"	"	"	12:53	41.33	12° 30.06	10.4	2476	135.6	"	"	"	"	"	
"	"	"	13:00	40.8	48.54	9.9	2719	129.4	"	"	"	"	Estenke	
"	"	"	13:20	46.37	40.11	9.5	2152	133.1	HP	2	"	"	"	
"	"	"	13:30	47.36	39.32	8.1	2114	138.9	"	"	"	"	"	
"	"	"	13:32	47.44	29.15	8.9	2106	131.0	"	"	"	"	"	stop for station 13/690
12	10/691	"	16:10	70° 47.19	12° 37.93	7.8	2412	111.2	KP	2	0.13	1	Boyer	neues Profil
"	"	"	16:34	70° 50.38	12° 33.83	10.2	2044	114.0	"	"	"	"	"	Wendeburg 16:32, still
"	"	"	16:46	53.16	32.03	10.3	2114	162.2	"	"	"	"	"	alte huss
"	"	"	16:56	54.78	30.25	10.5	2053	151.7	"	"	"	"	"	
"	"	"	17:29	59.96	22.91	10.2	1824	150.3	"	"	"	"	"	
"	"	"	17:34						"	"	0.38	"	"	
"	"	"	17:45	71° 02.42	12° 18.76	10.4	1600	150.2	KPK-P	5	0.25	"	"	
"	"	"	18:00	04.99	17.04	10.2	1377	115.1	KP	2	0.13	"	"	
"	"	"	18:12	06.74	13.14	10.1	1016	135.4	K-P	3	0.13	"	"	
"	"	"	18:25	71° 08.66	12° 09.40	10.1	546	145.2	KP	2	0.25	"	"	
"	"	"	18:48	11.46	04.74	10.0	275	156.7	"	"	"	"	"	
"	"	"	18:57	12.82	07.38	10.2	200	160.7	"	"	0.38	"	"	
"	"	"	19:06	14.08	01.06	7.7	186.5	160.4	"	"	"	"	Kuhn	Profil Ende



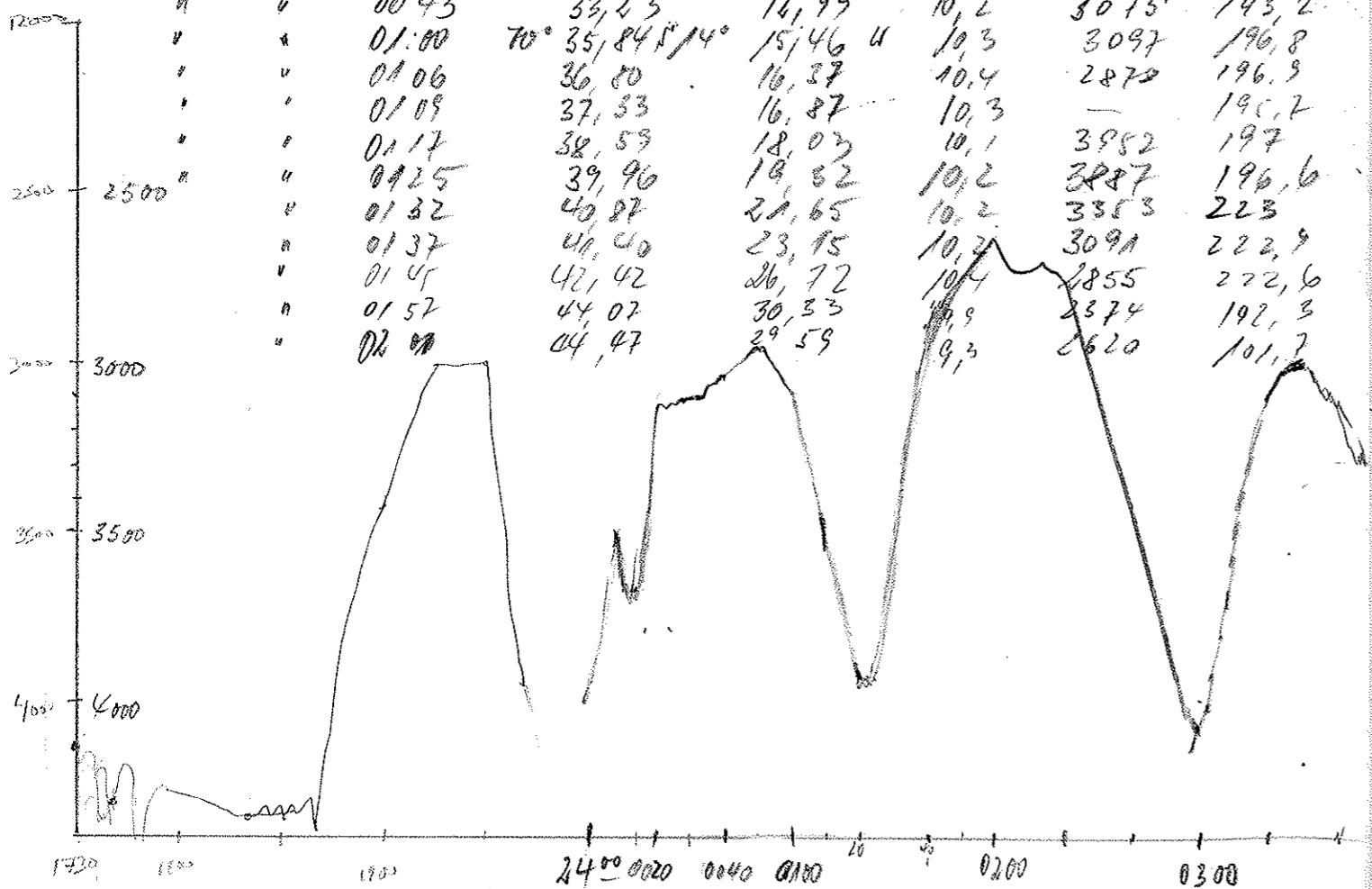
Roll	Profil	Datum	Zeit	Lat S	Lon W	Geschw	Tiefe	Wass	Tropfgröße	Sweeps	Delay	Pulse	Protokoll	Bemerkungen
12	10/693	25.1.87	21:05	71° 13.75	72° 02.74	3.8	200	333	VKPK	2	0.38	7	Kuhn	Beginn Prof. C-fahrt
"	"	"	21:30	11.65	5.22	5.1	279.7	337.4	"	"	"	"	"	"
"	"	"	22:00	9.29	8.89	5.1	389.0	330	"	"	"	"	"	"
"	"	"	22:25	7.40	72.46	5.2	755.0	327.6	K-P	3	0.0	7	"	"
"	"	"	22:45	5.90	15.12	5.2	715.7	324.6	KP	2	0.0	7	"	"
"	"	"	23:16	3.46	18.31	5.2	749.6	313.9	KPK-P	5	0.13	7	"	"
"	"	26.1.87	0:00	1.53	28.80	2.9	766	290.3	"	"	"	"	"	"
"	"	"	0:16	71° 01.24	12° 33.18	5.0	1718	283.5	HP----	2	0.25	"	Hause	Kuränderung wg. Treibers
"	"	"	00:20					27.5	HP----	2	0.38	"	"	"
"	"	"	00:34	01.05	12° 37.90	5.1	1800	291	"	"	"	"	"	"
"	"	"	00:52	00.47	47.43	4.9	1912	294.5	"	"	0.25	"	"	"
"	"	"	01:00	00.24	44.46	4.7	1883	295.1	"	"	"	"	"	"
"	"	"	01:30	70° 59.82	12° 52.14	4.9	1960	282.4	"	"	"	"	"	Kursänderung auf ~300°
12/13	"	"	01:45						"	"	"	"	"	Roll gewechselt
13	"	"	01:52	70° 59.55	12° 57.96				"	"	"	"	Hause	Start der Rolle 13
"	"	"	02:00	59.27	59.72	5.0	1780	301	"	"	"	"	"	"
"	"	"	02:30	70° 57.74	13° 07.37	4.9	1874	300	"	"	"	"	"	"
"	"	"	02:55	56.78	13.34	4.9	2023	300.5	KPKP	5	0.38	"	"	"
"	"	"	03:00	56.59	14.51	4.8	2060	297.4	"	"	"	"	"	"
"	"	"	03:25	55.59	20.35	4.8	2311	298.8	"	"	0.00	"	"	"
"	"	"	03:37	55.06	23.42	4.9	2272	299.9	"	"	0.13	"	"	Kursänderung auf ~280°
"	"	"	04:00	54.61	23.27	4.3	2251	282.5	"	"	"	"	Schleife	"
"	"	"	04:21	54.32	35.02	4.3	2410	274.6	HP----	2	0.38	"	"	"
"	"	"	04:27	54.27	36.64	4.3	2327	275.2	KPKP	5	.38	"	"	"
"	"	"	04:30	54.25	39.29	5.0	2302	275.6	"	"	"	"	"	"
"	"	"	05:00	53.88	45.72	5.1	2366	287.7	"	"	"	"	"	"
"	"	"	5:14	53.47	43.14	5.0	2528	289.0	HP----	2	.25	"	"	"
"	"	"	5:20	53.15	53.12	5.0	2652	335.2	"	"	"	"	"	"
"	"	"	5:45	52.49	54.66	4.9	2577	332.7	HP----	2	.38	"	"	"
"	"	"	6:00	51.32	57.03	5.0	2470	335.1	"	"	"	"	"	"



Reihe	Prof. l	Datum	Zeit	lat. S	lon W	hystro.	Tiefe	Pass	Wipfelhöhe	Strom:	Relat	Pulse	Protokoll	Bemerkung
13	10/653	26.1.37	6:30	70 49 26	13 59 60	4.9	2515	345.6	KP--	2	.38	1	Soll 2	
"	"	"	7:00	46 75	14 02 05	5.0	2710	344.5	"	"	.00	"	"	
"	"	"	7:05	46 42	02 42	4.2	2920	343.5	K-P--	3	.38	"	"	
"	"	"	7:15	46 01	03 00	2.3	3007	344.8	"	"	.13	"	"	
"	"	"	7:20	45 76	03 44	2.2	3328	344.4	K-P--	2	.25	1	"	
"	"	"	7:30	45 49	02 81	2.2	3350	339.6	"	"	"	"	"	
"	"	"	8:00	46 45	03 61	9.8	2992	152.1	"	"	"	"	"	
"	"	"	8:02	46 81	03 61	9.9	2927	152.3	K-P	3	.38	"	Niederjager	
"	"	"	8:07	47 39	02 32	10.0	2660	152.7	KP	2	.25	"	"	
"	"	"	8:20	40 37	13° 59.32	0.9	2504	124.7	"	"	"	"	"	Station 10/634 8 ²⁰ - 13 ⁴⁷ 13 ⁵⁰ Profildant 685
"	10/695	"	14:00	50. 15	53. 57	5.3	2990	4.4	KP	2	.25	"	Hahn	
"	"	"	14:03	48. 81	53. 48	6.0	2978	4.8	KP	2	.00	"	Hahn	Schliff abholt die Falt. mit 14 ²⁰ auf 10 ⁵⁰
"	"	"	14:30	47. 41	53. 33	8.9	3020	3.6	K-P-	3	.25	"	"	
"	"	"	14:44	45. 02	52. 90	10.3	3168	5.0	K-P-	3	.13	"	"	
"	"	"	15:00	42. 34	52. 30	10.2	2820	1.3	K-P-	3	.25	"	"	
"	"	"	15:14	38. 93	52. 04	10.3	2829	6.3	KP	2	.00	"	"	
"	"	"	15:30	37. 27	51. 44	10.2	2693	6.7	"	2	"	"	"	
"	"	"	15:35	36. 41	51. 16	10.2	2639	6.7	KP	2	.25	"	"	
"	"	"	16:00	32. 21	48. 72	10.2	2705	6.7	"	2	"	"	"	
"	"	"	16:30	27. 37	48. 01	10.2	2832	10.9	KP	2	.00	"	Ballist	
"	"	"	16:45	25. 26	45. 52	9.9	2732	9.9	"	"	"	"	"	begin sec beam sections - section 1-2 2-3
"	"	"	17:00	23. 19	40. 56	9.9	2976	17.2	"	"	"	"	"	
"	"	"	17:07	22. 20	39. 23	9.9	3022	22.2	K-P	3	.13	"	"	
"	"	"	17:21	20. 02	36. 94	9.9	4681	19.1	"	"	"	"	"	



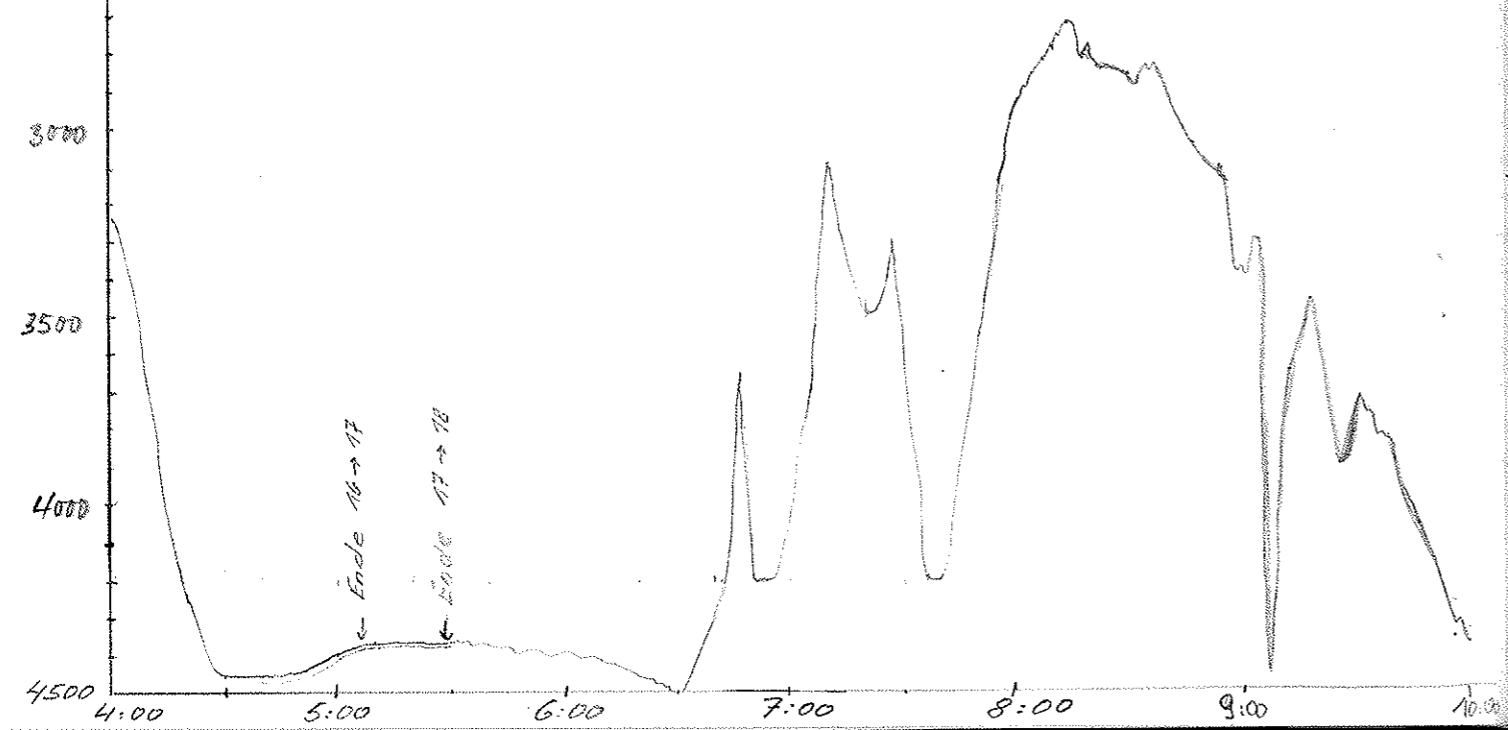
Rolle	Prüf1	Datum	Zeit	Lat S	Long W	Geodes	Tiefe	Km	Tragweite	Stärke	Delag	Prüf	Profil	Bemerkung
13	10/695	26.1.87	1730	76° 18.64	13° 35.64	9.7	4246	19.8	KP	2	.00	4.0	Bullister	
"	"	"	1740	16.45	32.16	9.1	4302	120.1	"	"	0.25	"	"	End 2-3
"	"	"	1756	16.67	34.99	9.9	4335	32.7	"	"	0.00	"	"	Begin 3-4
"	"	"	1821	16.03	41.67	9.1	4353	209.7	"	"	"	"	"	Begin 4-5 (change course)
"	"	"	1830	17.56	42.26	9.3	4371	200.1	"	"	"	"	"	
"	"	"	1900	22.37	47.68	10.0	3431	192.1	KP	2	.00	"	"	
"	"	"	1915	24.75	50.12	10.1	3007	192.1	"	"	"	"	"	Famil profile 4-5
"	"	"	1926	24.81	50.41	9.9	3012	273.0	K-P	3	.25	"	"	Begin 6-7 (change sweep direction)
"	"	"	1944	24.20	54.34	7.5	3991	28.4	KP	3	.00	"	"	Begin 6-7
"	"	"	2000	21.88	50.97	10.3	4102	18.0	"	"	"	"	"	
"	"	"	2003						KP	2	.25	4.0	Bayer	
"	"	"	2010	70° 20.26	130 49.43	10.4	4066	18.3	"	"	"	"	"	
"	"	"	2017	70° 18.96	48.14	10.3	4397	12.1	"	"	.13	4.0	"	
"	"	"	2028	17.19	46.45	10.4	4366	4.6	"	"	"	"	"	Profil 6-7 Ende
"	"	"	2037	17.30	46.01	8.5	4368	390.1	"	"	"	"	"	Profil 7-8 Start
"	"	"	2047	16.80	50.27	9.7	4364	244.3	"	"	"	"	"	" Ende
"	"	"	2056	16.64	50.17	8.8	4765	197.2	"	"	"	"	"	" 8-9 Start
"	"	"	2126	21.81	54.89	10.3	4422	196.5	"	"	0.00	4	"	"
"	"	"	2140	23.86	56.92	10.2	4437	209.7	"	"	"	"	"	" 8-9 Ende
"	"	"	2150	23.82	56.88	9.1	4426	255.2	"	"	"	"	"	" 9-10 Start
"	"	"	2159	70° 23.48	140 00.46	10.3	4419	287.9	"	"	"	"	"	" 9-10 Ende
"	"	"	2207	23.56	73° 59.85	8.8	4427	17.7	"	"	"	"	"	" 10-11 Start
"	"	"	2241	18.17	54.88	10.2	4363	77.7	"	"	"	"	"	" 10-11 Ende
"	"	"	2251	18.33	54.82	9.2	4364	279.7	"	"	"	"	"	Start 11-12
"	"	"	2258	17.94	58.30	10.2	4398	293.2	"	"	"	"	"	Ende 11-12
"	"	"	2308	18.01	57.32	9.0	4377	199.9	"	"	"	"	"	Start 12-13
"	"	"	2345	23.79	74° 03.26	10.1	4458	199.1	"	"	"	"	"	
"	"	27.01.	00 00	70° 26.23	140 06.16	10.2	4207	197.3	"	"	0.13	4	Base KAMPSE	from Skile Hang
"	"	"	00 16	28.87	8.62	10.2	3137	197.1	"	"	0.32	4	"	"
"	"	"	00 30	31.13	11.15	10.1	3168	192.2	"	"	0.32	4	"	"
"	"	"	00 43	33.23	12.99	10.2	3075	193.2	K-P	3	0.13	4	"	"
"	"	"	01 00	70° 35.84	140 15.46	10.3	3097	196.8	"	"	"	"	"	"
"	"	"	01 06	36.80	16.37	10.4	2872	196.9	"	"	0.00	"	"	"
"	"	"	01 09	37.33	16.87	10.3		190.7	K-P	3	0.32	4	"	"
"	"	"	01 17	38.59	18.03	10.1	3952	197	K-P	2	0.25	4	"	"
"	"	"	01 25	39.96	18.62	10.2	3887	196.6	K-P	3	0.25	4	"	Start 13-14
"	"	"	01 32	40.87	21.65	10.2	3353	223	"	"	"	"	"	"
"	"	"	01 37	41.40	23.15	10.2	3091	222.9	K-P	3	0.00	4	"	"
"	"	"	01 45	42.42	26.72	10.4	2855	222.6	K-P	2	0.00	4	"	"
"	"	"	01 52	44.07	30.33	9.9	2374	192.3	"	"	"	"	"	Start 14-15 (02:09)
"	"	"	02 00	44.47	29.59	9.3	2620	101.7	"	"	"	"	"	"



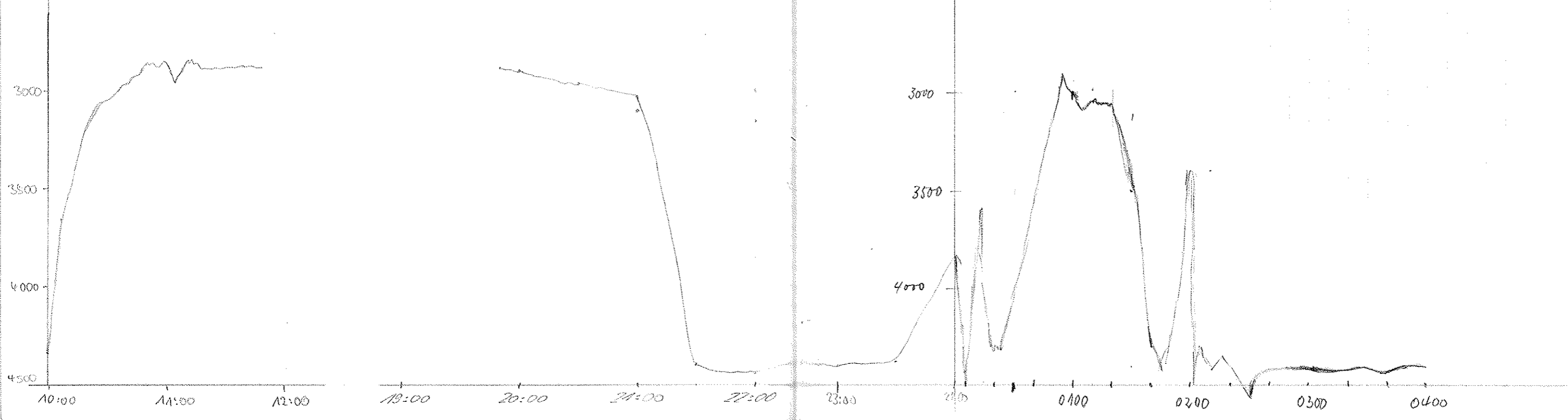
Rolle	Profil	Datum	Zeit	Lat S	Lon W	Geschw	Tiefe	Wass	Triggertiefe	Sweeps	Delay	Pulse	Protokoll
13	10/695	27.01.84	02:17	70° 42' 96" S	140° 33' 08" W	10.0	2584	3298	KP---	2	0.00	4	Kranse
"	"	"	02:30	43' 27"	33' 30"	9.2	2720	50	"	"	"	"	"
"	"	"	02:32	42' 89"	31' 97"	10.1	2737	433	"	"	"	"	"
"	"	"	02:48	41' 07"	27' 11"	10.2	3081	41	"	"	0.38	4	"
"	"	"	03:00	39' 53"	23' 20"	10.2	3748	384	"	"	"	"	"
"	"	"	03:08	38' 26"	21' 50"	9.9	4082	17.3	KP	2	0.00	4	"
"	"	"	03:16	36' 95"	20' 30"	10.3	3672	17.7	"	"	0.00	4	"
"	"	"	03:25	35' 58"	19' 09"	10.1	~	17.6	K-P	3	0.00	4	"
"	"	"	03:30	30' 36"	18' 65"	10.1	3021	29.6	"	"	"	"	"
"	"	"	04:00	29' 91"	13' 71"	10.2	3229	22.8	"	"	"	"	"
"	"	"	4:19	27' 14"	10' 73"	10.7	4240	21.4	KP	2	0.00	"	Niederjager
"	"	"	4:42	23' 54"	07' 08"	10.7	4461	18.3	K-P-K-P-	7	0.25	"	"
"	"	"	5:08	19' 30"	03' 11"	10.4	4387	18.6	"	"	"	"	"
"	"	"	5:27	18' 96"	06' 82"	10.2	4384	29.1	"	"	"	"	"
"	"	"	6:47	25' 00"	12' 43"	10.0	4410	197.7	"	"	"	"	"
"	"	"	6:42	28' 91"	16' 11"	10.0	4200	198.2	KP	2	0.00	"	"
"	"	"	7:13	33' 00"	21' 36"	9.9	3170	196.8	K-P	3	"	"	"
"	"	"	7:34	37' 36"	24' 80"	9.9	4190	194.9	K-P-	3	"	"	"
"	"	"	7:40	38' 20"	25' 53"	9.9	4158	195.6	KP	2	"	"	"
"	"	"	7:51	39' 76"	28' 85"	10.0	3469	219.9	KP	2	"	"	"
"	"	"	7:55	40' 23"	30' 13"	10.0	3468	219.8	K-P	3	"	"	"
"	"	"	7:58	40' 65"	31' 16"	10.0	2980	219.9	"	"	0.38	"	"
"	"	"	8:30	41' 40"	38' 63"	10.2	2847	310.5	"	"	"	"	Hain
"	"	"	8:47	40' 80"	36' 60"	10.2	2846	41.2	"	"	"	"	"
"	"	"	8:55	39' 66"	33' 40"	10.0	3140	40.6	K-P	"	0.00	"	"
"	"	"	8:58	38' 18"	32' 26"	10.3	3398	36.8	K-P-	2	0.00	"	"
"	"	"	9:00	38' 81"	31' 64"	10.2	3389	37.1	"	"	"	"	"
"	"	"	9:07	38' 02"	29' 62"	10.2	3231	37.5	KP	3	"	"	"
"	"	"	9:08	37' 77"	28' 24"	9.9	4228	18.7	KP	"	"	"	"
"	"	"	9:11	37' 42"	28' 87"	10.0	3641	18.3	KP-	2	0.00	"	"
"	"	"	9:20	35' 98"	27' 16"	10.2	3923	17.2	KP	3	0.25	"	"
"	"	"	9:28	34' 66"	25' 93"	10.2	3880	16.8	KP-	2	0.38	"	"
"	"	"	9:32	33' 84"	25' 28"	10.2	3653	16.8	KP	3	0.25	"	"
"	"	"	9:46	31' 67"	23' 16"	10.2	4059	17.1	KP	2	0.38	"	"
"	"	"	9:57	30' 02"	21' 55"	10.3	4235	19.4	KP	2	0.00	"	"
"	"	"	10:00	29' 43"	20' 89"	10.4	4336	28.9	"	"	"	"	"

ENDE 14 → 15
 Start 15 → 16 SWEEP reverse
 ENDE 15 → 16 (TART 16 → 17
 0305 Beginn
 Ende 16 → 17 Start 17 → 18
 Ende 17 → 18 " 18 → 19
 Sweep Direction geändert
 Ende 18 → 19 2:48 Start 19 → 20
 Start Profil 21-22 nur 8^{1/2}, Sweep wieder
 Ende Profil 21/22, Start Profil 22/23
 Profil 22/23 unterbrochen

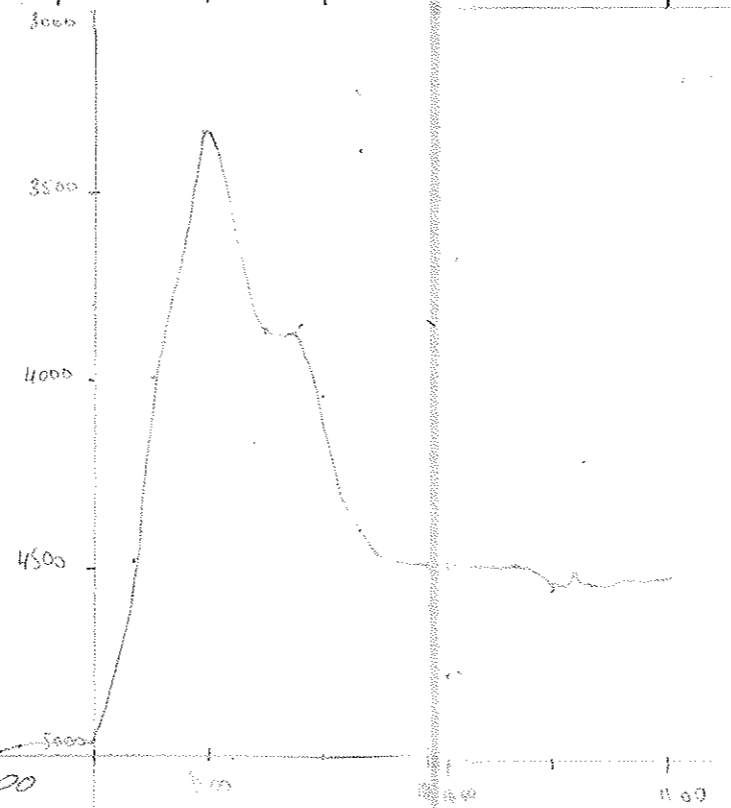
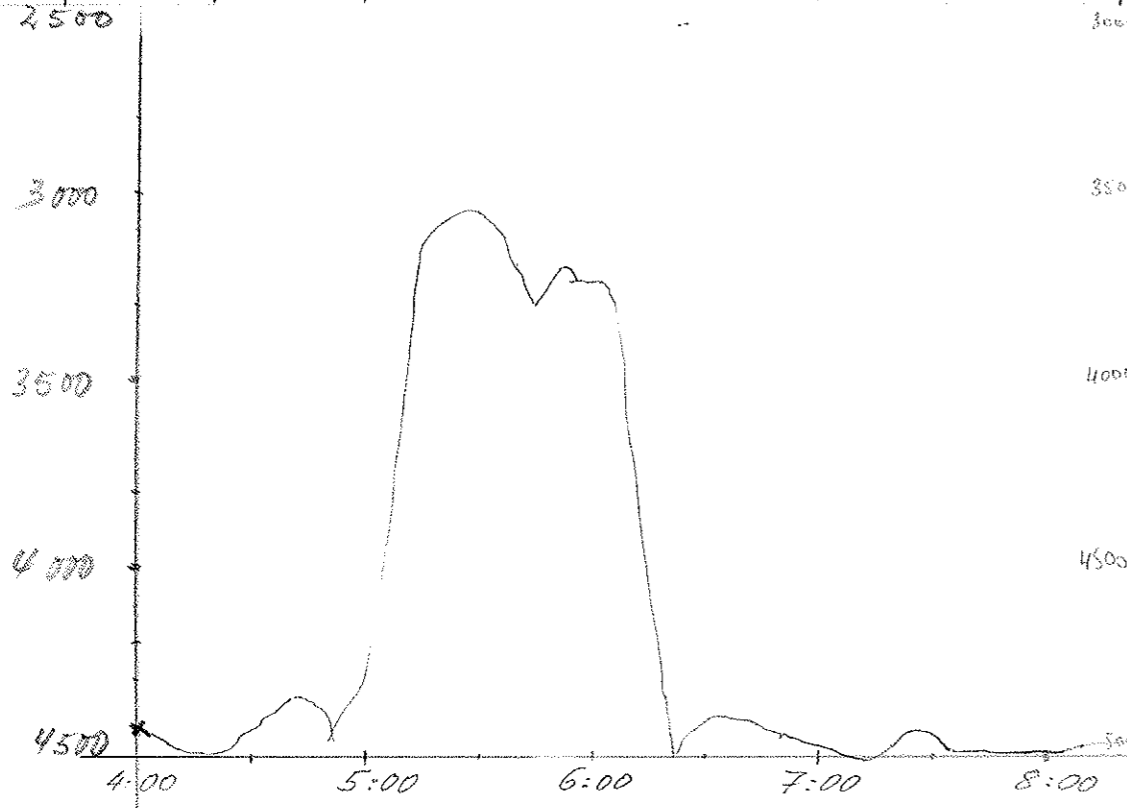
2500



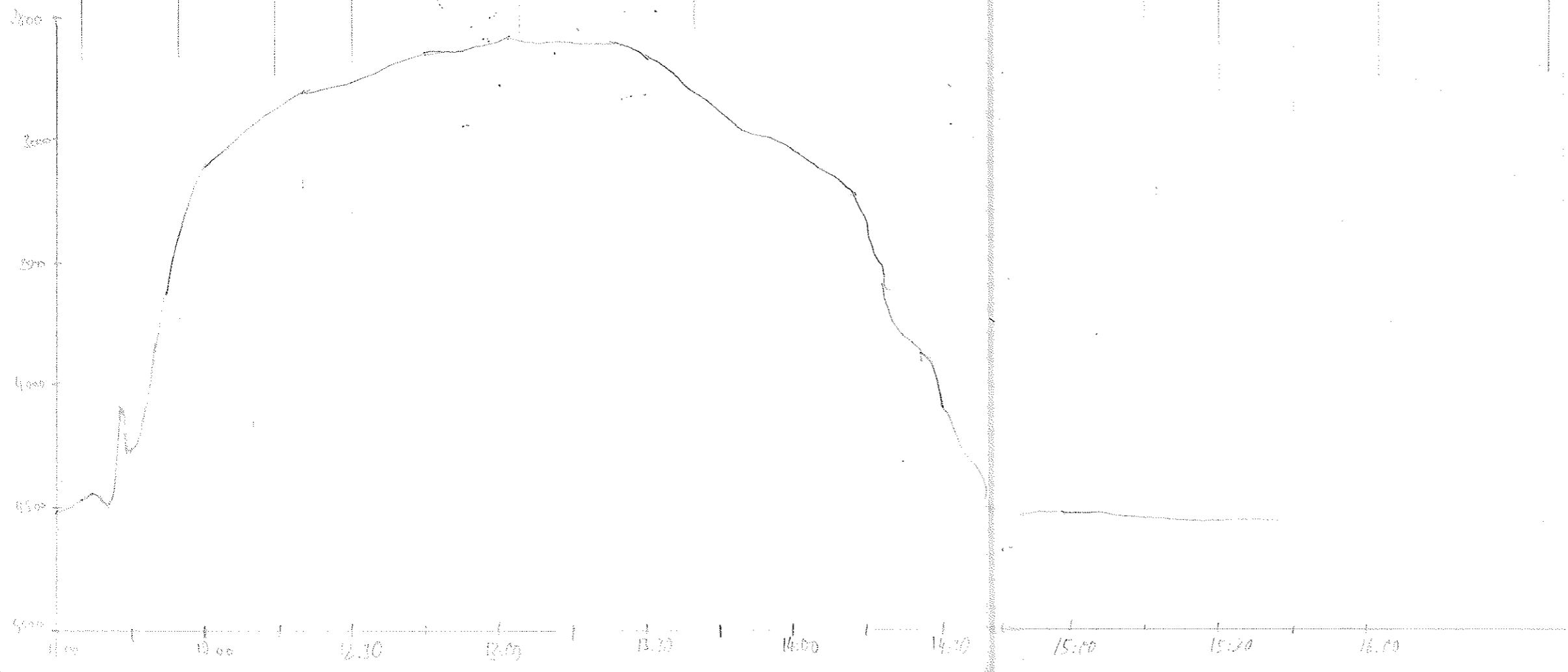
Rolle	Profil	Datum	Zeit	Lat. S	Lon W	Frühw.	Tiefe	hurs	Tropfenfolge	Sweeps	Delay	Puls	Protokoll	Bemerkungen
13	101655	27.1.27	10:08	70°29.71	14°18.20	9.6	3662	147	KP -	2	0,38	4	Hain	Profil 22A-23F, Beginn 10 ⁰⁰
"	"	"	10:14	30.54	16.61	10.0	3492	148.6	KP -	3	0,25	"	"	
"	"	"	10:16	30.85	16.05	10.0	3280	148.6	KP	2	0,38	"	"	
"	"	"	10:29	32.68	12.61	8,8	3078	142.6	K-P-	3	0,25	"	"	
"	"	"	11:00	36.63	03.28	10,1	2857	145.3	"	"	"	"	"	
"	"	"	11:24	39.35	13° 57.08	7,2	2878	136.0	"	"	"	"	"	
"	"	"	11:30	39.78	55.53	2,4	2881	129.3	"	"	"	"	"	
"	"	"	12:00	40.80	53.31	4,1	2880	146,3	"	"	"	"	"	
"	"	"	12:05						"	"	"	"	"	
"	101696 ²	"	19:52	70°41.72	13°52.88	10.1	2882	2	K-P	3	0.25	1	Boyl.	
"	"	"	20:00	70°41.17	13°55.70	8.2	2920	370	"	"	"	"	Montage	Ablasten Sedco/3P
"	"	"	20:30	70°36.91	14°05.14	10.2	2944	319	"	"	"	"	"	"
"	"	"	21:00	70°33.66	14°15.75	10.3	3051	332	"	"	"	"	"	21:27 22-23 Diaktaufnahme
"	"	"	21:30	70°29.11	14°20.54	10.0	4008	18	KP -	2	0.0	4	"	"
"	"	"	22:00	70°24.35	14°15.74	10.3	4446	18	"	4	"	1	"	Profiland 22:19
"	"	"	22:30	70°21.21	14°13.97	9.7	4396	798	"	"	"	"	"	22:27 Beginn Prof. 23-24
"	"	"	23:00	70°24.90	14°20.39	9.8	4422	197	"	"	"	"	"	21:25 Ende Prof. 23-24 Beginn 24-25
"	"	"	23:30	70°30.00	14°24.47	9.7	4477	701	"	"	"	4	"	"
"	"	"	24:00	70°34.10	14°29.47	9.9	3802	196	"	"	0,25	"	"	"
"	"	28.1.27	00:20	70°37.39	14°32.79	10.1	4299	202,4	P-K-P-	7	0,38	4/1	KRAWSE	Ende 24→25 Start 25→26
"	"	"	00:30	38,57	35,27	10.2	3493	2291	P-----	2	0,13	"	"	"
"	"	"	00:46	40,60	41,24	10.2	2952	208,7	P-----	4	0,13	"	"	ENDE 25→26
"	"	"	00:58	40,58	41,52	9,6	2960	286	"	4	0,38	"	"	Start 26→27
"	"	"	01:05	39,81	43,27	10,1	3071	3192	"	4	0,00	"	"	ENDE 26→27
"	"	"	01:18	39,42	43,74	9,5	3073	48	"	4	0,00	"	"	START 27→28
"	"	"	01:30	38,05	39,33	9,7	3419	44	P-----	3	0,38	"	"	Steiler Pfefall
"	"	"	01:40	36,23	36,09	9,8	4291	437	P-----	8	0,13	"	"	ENDE 27→28 START 28→29
"	"	"	02:32	28,41	27,60	7,9	4461	20,3	P-K-P-	7	0,38	"	"	(02:15 Plotter für einige Minuten ausgeschaltet)
"	"	"	03:10	24,39	24,20	9,9	4403	23,4	"	"	"	"	"	"
"	"	"	03:08	23,16	22,82	9,9	4407	27,7	"	"	"	"	"	ENDE 28→29
"	"	"	03:21	23,19	22,67	9,6	4407	29,5	"	"	"	"	"	START 29→30
"	"	"	03:28	22,62	25,77	10,2	4430	290	"	"	"	"	"	ENDE 29→30
"	"	"	03:39	22,64	25,34	9,6	4429	198	"	"	"	"	"	START 30→31



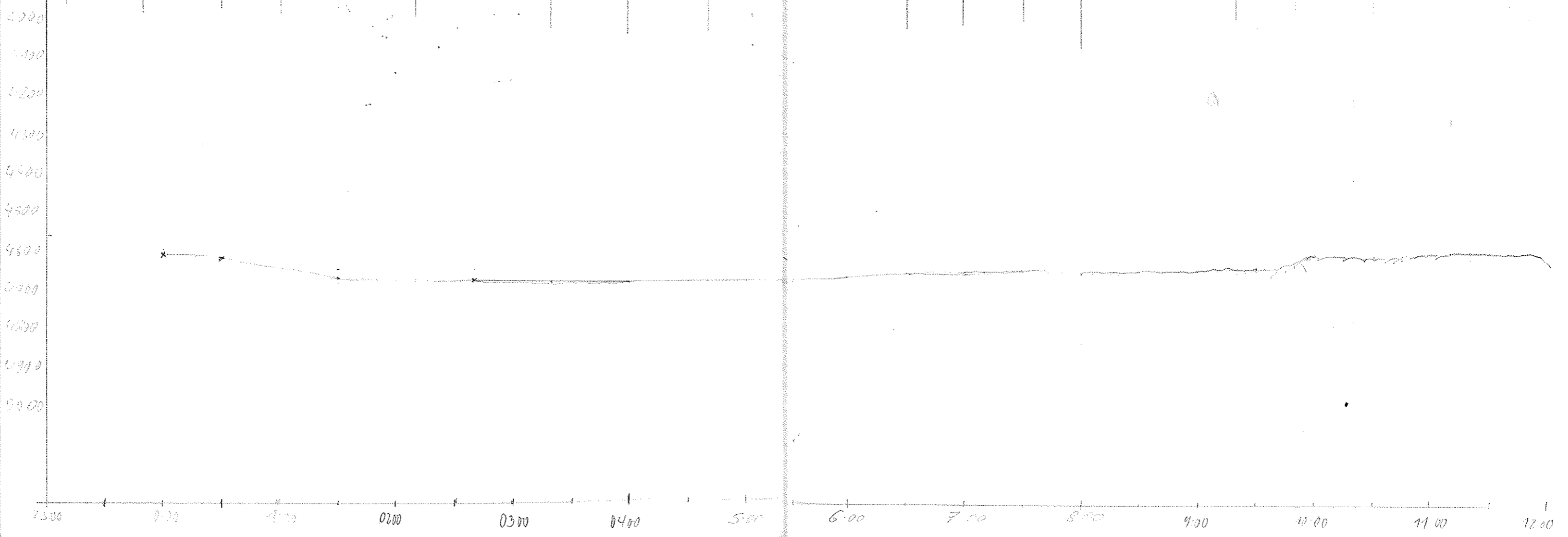
Roll	Profile	Date	Time	Latitude S	Longitude W	Speed	Depth	Heading	Trigger	SWEEP DELAY	PULSE	Protokolant	Remarks	
13	10/696	28.1.	0400	70° 26, 16	14° 29, 24	10, 3	4430	197	H-P-K-P-	7	0,38	1	KROUSE	
"	"	"	4:41	32, 73	35, 50	10,1	4360	189	KP	2	0,00	1	Hydrogasper	
"	"	"	5:03	36, 26	39, 47	10,0	4347	220,6	"	"	"	"	Start 31 → 32	
"	"	"	5:16	37, 29	43, 74	10,3	3143	220,6	K-P	3	"	"	"	
"	"	"	5:24	38, 98	46, 70	10,5	3100	204,0	"	"	"	"	Ende 31 → 32, Start 32 → 33	
"	"	"	5:44	38, 20	49, 58	10,0	3230	313,0	"	"	"	"	Ende 32 → 33, Start 33 → 34	
"	"	"	6:07	36, 86	46, 07	9,6	3272	38,8	"	"	"	"	Sweep Direction geändert	
"	"	"	6:19	35, 37	42, 41	9,8	4343	24,4	(P)	2	"	"	Ende 33 → 34, Start 34 → 35	
"	"	"	6:56	29, 75	36, 93	9,6	4448	22,5	"	"	"	"	"	
"	"	"	7:10	27, 62	34, 73	9,6	4507	18,7	K-P-K-P-	7	0,38	"	"	
"	"	"	7:18	26, 34	33, 45	9,9	4479	18,8	"	"	"	"	Ende 34 → 35, Start 35 → 36	
"	"	"	7:37	26, 16	37, 64	10,1	4490	292,9	"	"	"	"	Ende 35 → 36, Start 36 → 37	
"	"	"	8:01	28, 10	39, 16	10,3	4434	197,8	"	"	"	"	"	
"	"	"	8:30	32, 89	43, 85	10,0	4466	199,1	"	"	"	"	MOONS	
"	"	"	8:44	35, 18	46, 14	9,9	4153	215,1	KP	2	0,25	"	"	
"	"	"	8:47	35, 52	47, 12	9,8	3997	216	KP	2	0,38	"	"	
"	"	"	8:50	35, 86	48, 16	10,0	3809	225,5	KP	3	0,13	"	"	
"	"	"	8:52	36, 16	48, 10	10,0	3694	225,6	KP	3	0,38	"	"	
"	"	"	8:53	36, 85	51, 35	10,1	3240	222,7	KP	2	0,25	"	"	
"	"	"	9:01	37, 82	52, 16	10,0	3331	245,3	"	"	"	"	Ende 37 → 38, Start 38 → 39	
"	"	"	9:10	36, 49	45, 36	9,9	3857	309,3	KP	2	0,38	"	"	
"	"	"	9:17	36, 95	56, 65	9,1	3844	112,2	"	3	0,13	"	"	
"	"	"	9:25	36, 40	54, 50	9,6	3918	38,6	"	"	"	"	kurz Pulser	
"	"	"	9:29	35, 02	53, 34	9,8	4031	38,7	"	2	0,38	"	Ende 39 → 40, Start 39 → 40	
"	"	"	9:36	35, 15	51, 43	9,9	4319	38,6	"	2	0,00	4	"	
"	"	"	9:42	34, 19	49, 11	9,7	4473	22,2	K-P-K-P-	7	0,25	"	"	
"	"	"	10:00	31, 80	46, 39	10,2	4451	13,3	"	"	"	"	Ende 39 → 40, Start 40 → 41	
"	"	"	10:12	29, 88	44, 69	9,8	4498	16,6	"	"	"	"	Ende 40 → 41, Start 41 → 42	
"	"	"	10:23	29, 24	45, 24	9,4	4490	288,2	"	"	"	"	Start 41 → 42	
"	"	"	10:31	29, 28	42, 86	10,4	4547	34,4	"	"	"	"	Ende 41 → 42 (10:30)	
"	"	"	10:41	29, 55	43, 29	9,5	4538	198,1	"	"	"	"	Start 42 → 43	
"	"	"	11:00	32, 47	51, 26	10,5	4515	197,3	"	"	"	"	"	



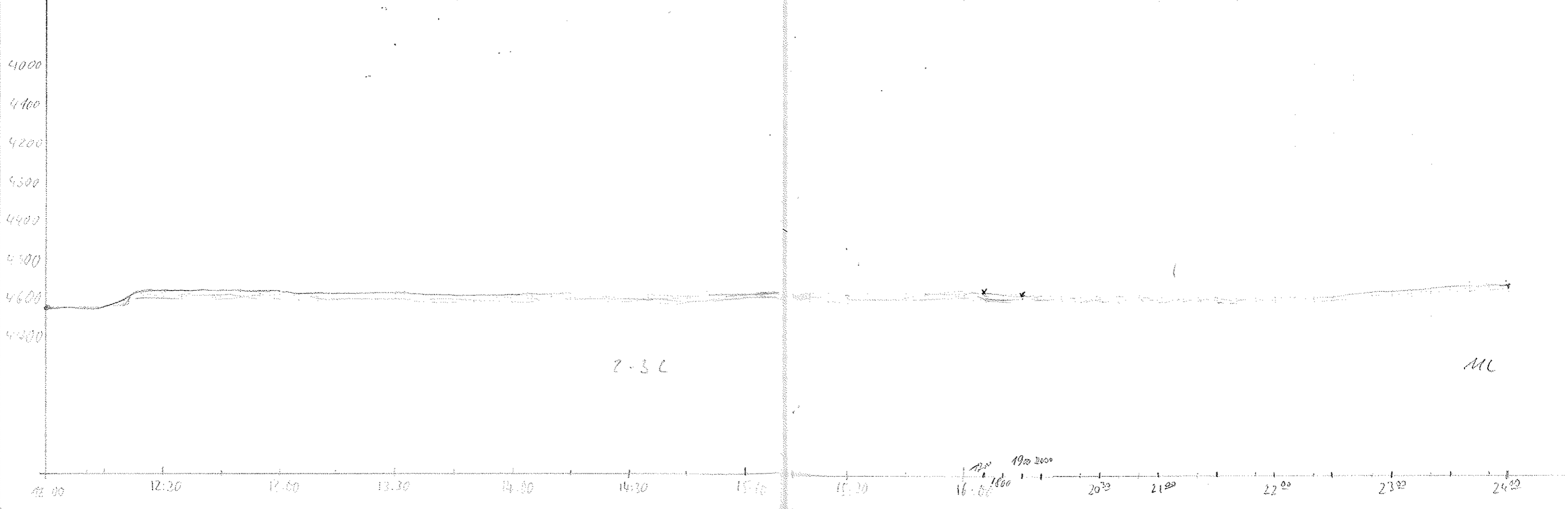
Route	Profil	Datum	Zeit	Kat S	Lon W	Gyrtsw	Tiefe	Kurs	Wignepfage	Swags	Delay	Pulse	Protokoll	Bewertungen
13	10/696	28/1	11:08	70 33 79	14 52 54	10.2	4076	211.5	K-P-	7	0.25	4	Moors	Ende 42-43 Start 43-44
"	"	"	11:21	35 45	56 54	10.3	4173	224.7	KP	2	0.13	"	"	
"	"	"	11:24	35 82	57 59	10.2	4080	224.5	"	"	0.13	"	"	
"	"	"	11:27	36 18	58 61	10.6	4080	224.3	"	"	0.13	"	"	
"	"	"	11:31	36 71	59 93	10.1	4179	224.3	"	"	0.00	"	"	Ende 43-44
"	"	"	11:36	37 4	58 87	9.8	4182	226.6	"	3	0.00	"	"	Start 44-45
"	"	"	11:39	37 35	58 85	10.0	3992	124.9	"	"	0.25	"	"	
"	"	"	11:40	37 85	57 50	10.0	3830	125.1	"	"	0.25	"	"	
"	"	"	11:48	38 22	58 85	10.2	3547	128.0	"	2	0.13	"	"	
"	"	"	11:51	38 55	58 57	9.9	3530	131.2	"	2	0.13	"	"	
"	"	"	12:00	39 85	49 54	9.9	3119	130.5	K-P	3	0.25	1	Bayes	
"	"	"	12:21	42 18	42 02	9.9	2809	130.2	KP	2	0.13	1	"	
"	"	"	12:46	44 89	32 34	9.8	2667	127.9	"	"	"	"	"	Ende 46-45
"	"	"	12:59	44 87	32 09	8.7	2654	124.3	"	"	"	"	"	Start 45-46
"	"	"	13:06	45 72	34 44	10.1	2574	223.3	"	"	"	"	"	Ende 45-46
"	"	"	13:20	45 66	35 19	9.6	2591	224.0	"	"	"	"	"	Start 46-47
"	"	"	13:50	42 02	47 47	10.1	2914	311.5	K-P	3	0.25	1	"	
"	"	"	14:13	39 60	56 08	10.0	3210	312.7	KP	2	0.25	4	"	
"	"	"	14:18	38 98	58 13	10.0	3577	312.8	"	"	0.00	4	"	
"	"	"	14:24				3503		KP	3	0.13	4	"	
"	"	"	14:24	37 81	150 02 55	10.0	3955	312.0	KP	2	0.25	4	"	
"	"	"	14:34						KP-K-P-	7	0.25	1	"	
"	"	"	14:38	70 36 76	150 05 52	10.0	4190	315.4	"	"	"	"	"	Ende 46-47
"	"	"	14:51	36 75	65 45	9.6	4375	51.1	"	"	"	"	"	Start 47-48
"	"	"	15:25	32 79	140 55 07	9.4	4535	40.2	"	"	"	"	"	Ende 47-48 Profil 48 Start 48-1
"	"	"	16:01	29 86	49 22	2.3	4535	50.1	"	"	"	"	"	Profil 48 Station 10/6 97 Papier + Schraubenzieher gemessen



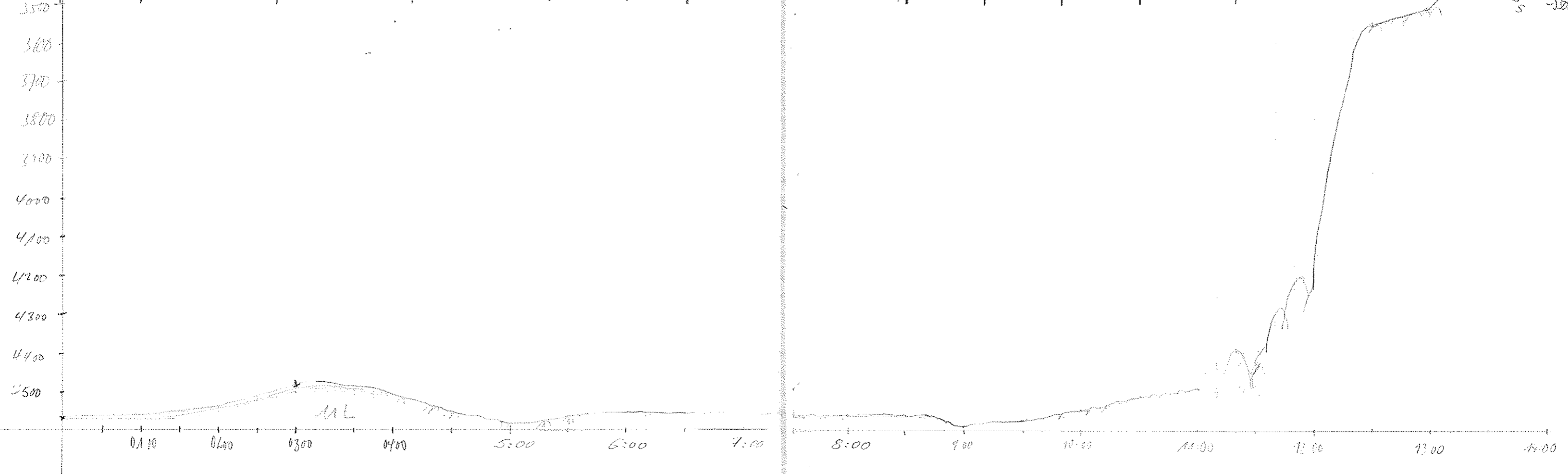
Rolle	Profil	Datum	Zeit	Lat S	Lon W	Corr. h	Tiefe	Kno	Trappe/dage	Sweeps	Delay	Paral. length	Protokoll	Benutzungen
14	10/638	28.1.87	23:02	70° 29,85	14° 55,41	2.0	4569	282.4	KP-K-R-	17	0.25	1	Kuhne	Tief. Grund neue Rolle
14	"	"	23:33	70° 29,51	14° 58,09	2,5	4582	287.2	"	"	"	"	"	
14	10/638	29.1.87	00:00	70° 28,87	15° 03,48	4,8	4613	288,6	"	"	"	"	HAUSE	
"	"	"	00:30	28,14	10,24	5,0	4636	288,6	"	"	"	"	"	
"	"	"	01:04	27,30	18,14	4,9	4657	288,9	"	"	"	"	"	
"	"	"	01:30	26,94	24,53	4,8	4668	279,5	"	"	"	"	"	
"	"	"	02:00	26,35	31,85	4,9	4682	279,5	"	"	"	"	"	
"	"	"	03:00	25,65	46,33	5,1	4674	276	"	"	"	"	"	
"	"	"	03:30	25,32	54,33	4,9	4672	274	"	"	"	"	"	
"	"	"	04:00	25,09	16 01,52	4,9	4673	2762	"	"	"	"	"	
"	"	"	4:30	24,86	09,02	5,0	4674	269,5	"	"	0.13	"	Niederjoser	
"	"	"	5:02	24,60	16,75	5,1	4673	280,1	"	"	"	"	"	
"	"	"	5:30	24,40	23,71	4,8	4676	278,7	"	"	"	"	"	
"	"	"	6:03	23,62	31,44	5,1	4668	282,4	"	"	"	"	"	
"	"	"	6:30	23,19	37,76	5,2	4659	280,4	"	"	"	"	"	
"	"	"	7:00	22,65	44,88	4,8	4657	281,1	"	"	"	"	"	
"	"	"	7:31	22,40	52,09	4,9	4650	283,0	"	"	"	"	"	
"	"	"	8:00	21,65	58,88	4,8	4660	282,2	"	"	"	"	"	
"	"	"	8:30	21,18	77 06,33	5,1	4656	281,6	"	"	"	"	Kuhne	
"	"	"	9:01	20,69	73,71	5,0	4654	281,5	"	"	"	"	"	
"	"	"	9:33	20,15	20,97	4,7	4645	280,4	"	"	"	"	"	
"	"	"	10:00	19,69	27,54	4,9	4619	282,0	"	"	"	"	"	
"	"	"	10:31	19,16	34,48	4,8	4622	282,9	"	"	"	"	"	
"	"	"	11:03	18,63	41,60	4,8	4605	280,8	"	"	"	"	"	
"	"	"	11:33	18,22	48,68	4,8	4603	278,6	"	"	"	"	"	



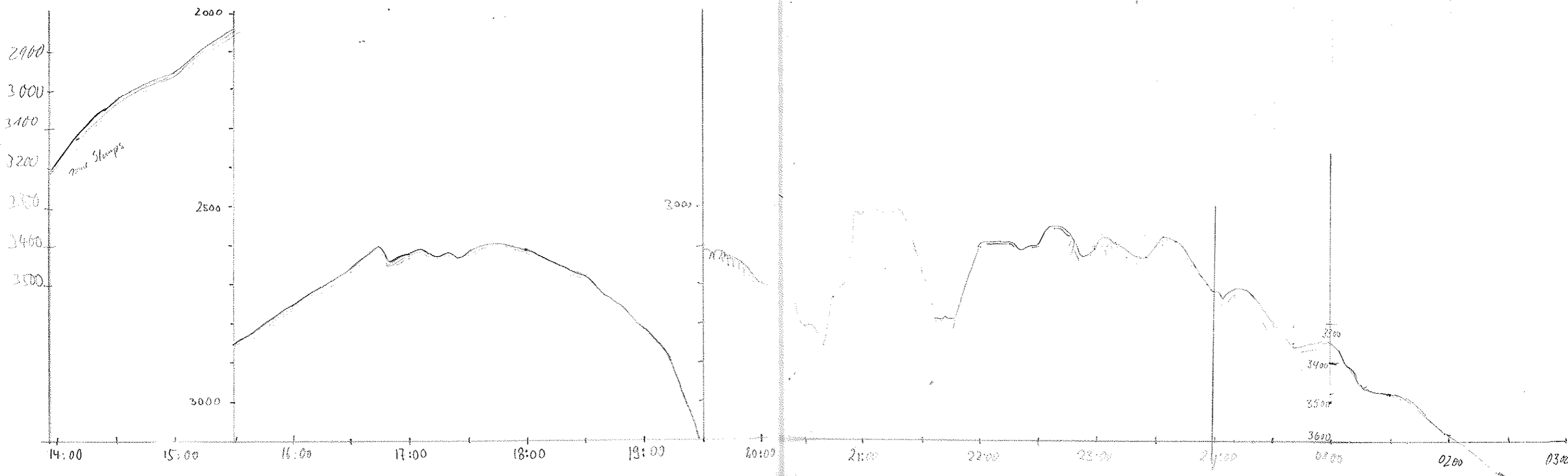
Noelle	Profil	Datum	Zeit	Lat S	Lon W	Geoch.	Tiefe	Kurs	Trigon. folgt	Swapp.	Delay	Pulse Length	Protokoll	Bemerkungen
14	10/698	29.1.87	12:00	70° 17,56	17° 54,42	4,8	4624	282	KP-K-P-	7	0,13	9	Bayer	
"	"	"	12:30	17,43	18° 01,48	4,9	4587	282	"	"	"	"	"	
"	"	"	12:59	16,95	06,17	4,9	4578	283	"	"	"	"	"	
"	"	"	13:30	16,54	16,35	4,8	4584	280	"	"	"	"	"	
"	"	"	14:01	16,32	22,73	5,1	4575	281	"	"	"	"	"	
"	"	"	14:46	15,71	32,08	5,1	4587	282	"	"	"	"	"	
"	"	"	15:23	14,93	42,30	5,0	4583	278	"	"	"	"	"	
"	"	"	15:55	14,58	50,80	4,9	4576	279	"	"	"	"	HRADISE	
"	"	"	16:30	13,99	52,72	4,9	4575	284,1	"	"	"	"	"	
"	"	"	17:00	13,42	19° 05,11	5,1	4578	281	"	"	"	"	"	
"	"	"	17:30	13,14	14,26	4,9	4575	277,6	"	"	"	"	"	
"	"	"	18:00	12,76	19,51	5,1	4581	280,4	"	"	"	"	"	
"	"	"	19:01	11,67	34,02	5,0	4586	281,6	"	"	"	"	"	
14	10/698	29.1.87	20:04	70° 10,59	19° 48,97	5,4	4592	282,7	KP-K-P-	7	0,13	1	Lersch	
"	"	"	20:31	10,08	56,80	5,2	4593	282,9	"	"	"	"	"	
"	"	"	20:45	09,83	20° 00,14	5,3	4594	280,3	"	"	"	"	"	Profil male 1-2
"	"	"	21:23	09,91	19° 58,68	5,1	4584	147,2	"	"	"	"	"	Profil beginn 2-3
"	"	"	22:00	12,50	53,72	5,3	4584	143,2	"	"	"	"	"	
"	"	"	22:28	13,63	51,09	4,6	4580	137,9	"	"	"	"	"	
"	"	"	23:04	15,81	44,81	5,3	4571	136,2	"	"	"	"	"	
"	"	"	23:34	17,73	39,76	5,2	4562	138,7	"	"	"	"	"	
14	10/698	30.1.87	00:00	70° 19,40	19° 35,62	5,4	4553	136,9	"	"	"	"	HRADISE	



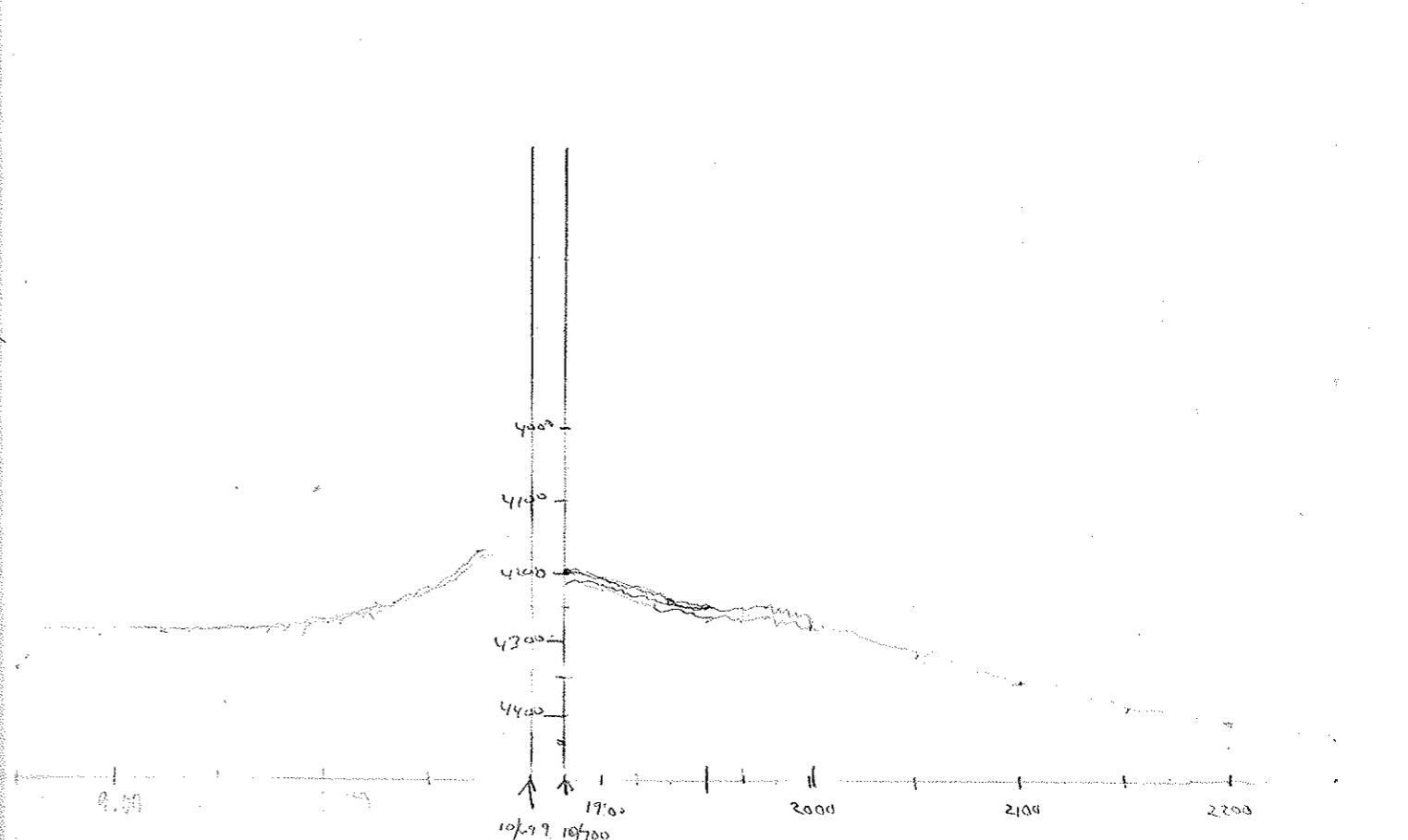
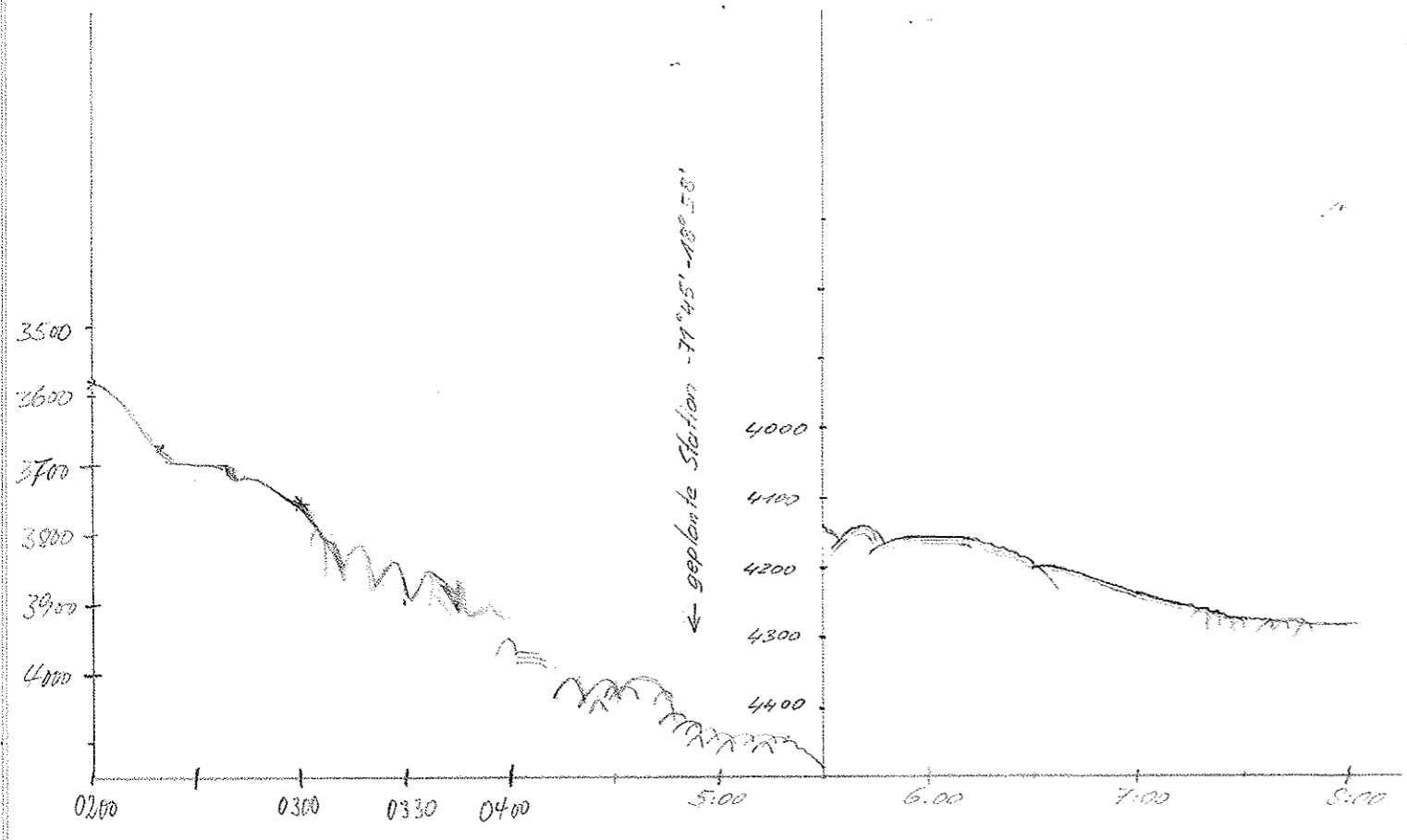
Kolle	Profil	Datum	Zeit	Beichte	Länge u. Gochm.	Tiefe	Wass	Triggerfolge	Accept	Delay	Pulse L.	Protokollant	Bemerkungen
14	10/698	30.1.87	00:30	70° 20,28	19° 30,74	5,0h	4542	139,1	7	0,13	1	KRAUSE	
"	"	"	01:21	23,71	25,62	5,2	4530	135,7	"	"	"	"	
"	"	"	01:31	25,38	20,43	5,4	4516	136	"	"	"	"	
"	"	"	02:00	27,05	15,36	5,3	4504	138,7	"	"	"	"	
"	"	"	02:30	29,05	10,08	5,4	4488	138,5	"	"	"	"	
"	"	"	03:01	31,12	04,25	5,2	4481	135,9	"	"	"	"	
"	"	"	03:32	33,11	18° 52,57	5,2	4499	138,0	"	"	"	"	
"	"	"	4:48	36,10	50,20	5,4	4532	137,7	"	"	"	Niederjäger	
"	"	"	4:55	38,59	43,65	5,2	4576	140,7	"	"	"	"	
"	"	"	5:32	41,04	37,30	5,4	4569	141,7	"	"	"	"	
"	"	"	6:00	42,96	32,44	5,5	4550	141,3	"	"	"	"	
"	"	"	6:31	44,92	27,13	5,3	4552	138,5	"	"	"	"	
"	"	"	7:13	47,72	20,06	5,3	4550	140,4	"	"	"	"	
"	"	"	7:30	48,80	17,08	5,4	4565	141,4	"	"	"	"	
"	"	"	8:00	50,45	13,03	5,1	4569	138,0	"	"	"	"	
"	"	"	8:50	52,22	8,10	5,1	4568	137,8	"	"	"	"	
"	"	"	9:02	54,06	2,44	4,9	4591	136,7	"	"	"	"	
"	"	"	9:30	55,87	17° 58,54	5,0	4546	137,4	"	"	"	"	
"	"	"	10:03	57,97	52,92	4,8	4545	136,3	"	"	"	"	
"	"	"	10:36	59,94	47,36	4,9	4509	140,4	"	"	"	"	
"	"	"	11:04	71° 01,73	42,54	5,0	4495	139,4	"	"	"	"	
"	"	"	11:31	3,35	37,90	4,9	4401	136,1	"	0,38	"	"	
"	"	"	11:53	4,76	33,78	5,1	4205	138,9	2P	0,25	"	"	
"	"	"	12:00	05,13	22,55	5,2	4211	140	"	"	"	"	
"	"	"	12:41	05,95	30,81	5,1	3893	140	3	0,25	"	Baye	
"	"	"	12:27	06,97	28,12	5,2	3553	138	2	0,13	"	"	
"	"	"	12:50	08,44	23,98	5,3	3500	139	"	"	"	"	
"	"	"	13:30	10,58	15,50	5,2	3314	126,4	"	"	"	"	
"	"	"	13:37	10,99	12,69	5,2	3296	131,4	"	0,38	1	"	
"	"	"	13:44	11,42	12,33	5,1	3250	142	"	"	"	"	
"	"	"	14:12	12,32	29,45	5,2	2127	142	"	"	"	"	



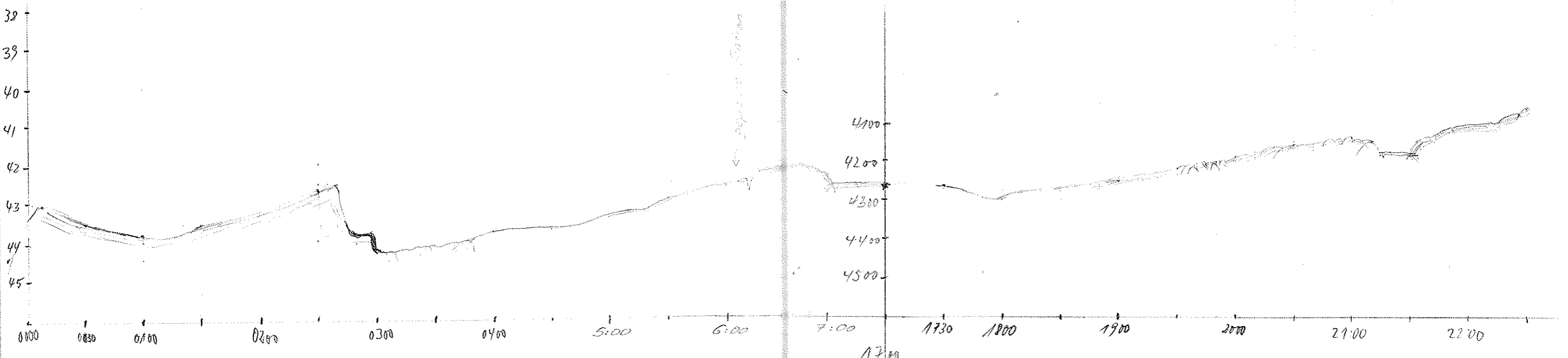
Rolle	Profil	Datum	Zeit	Lat S	Lon W	Geschw.	Tiefe	Wär	Triggereffekt	Swaps	Delay	Pulse	Protokoll	Bemerkung
14	10/698	30.1.87	14:22	71° 13,99	17° 05,76	5,4	3072	139,8	K-P	3	.25	1	Bayer	
"	"	"	14:56	16,34	00,38	5,3	2943	145,1	"	"	"	"	"	
"	"	"	15:22	71° 18,11	16° 56,28	5,1	2846	142,9	"	"	"	"	"	
"	"	"	15:34	18,93	54,36	5,2	2814	142,4	KP	2	.13	"	"	
14	10/698	30.1.87	16:00	71° 20,74	16° 50,54	4,8	2742	152,8	KP	2	.13	1	Leus J	
"	"	"	16:30	22,96	47,07	5,5	2641	151,8	"	"	"	"	"	
"	"	"	17:00	25,47	44,44	5,1	2627	165,4	"	"	"	"	"	
"	"	"	17:30	27,94	44,31	5,1	2618	180,0	"	"	"	"	"	
"	"	"	18:00	30,35	46,67	5,4	2603	213,2	"	"	"	"	"	
"	"	"	18:30	31,91	53,89	5,4	2671	241,4	"	"	"	"	"	
"	"	"	19:00	33,17	17° 01,07	4,9	2805	237,1	"	"	"	"	"	
"	"	"	19:13	33,87	03,60	5,0	2893	230,2	K-P	3	0,38	"	"	
"	"	"	19:25	34,44	06,37	5,3	3115	244,7	"	"	0,13	"	"	
"	"	"	20:00	35,07	15,30	5,0	3186	265,1	"	"	"	"	"	
"	"	"	20:23	35,30	21,46	5,2	3288	256,3	KP	2	0,25	"	unloeff	
"	"	"	20:47	35,55	27,53	5,1	3180	251,6	K-P	3	0,13	"	"	
"	"	"	21:35	38,69	37,65	4,9	3236	243,8	KP	2	0,25	"	"	
"	"	"	21:54	39,84	40,76	4,9	3235	201,9	K-P	3	0,13	"	"	
"	"	"	23:12	45,13	51,11	4,7	3120	209,4	"	"	"	"	"	
"	"	"	23:50	47,07	58,60	5,0	3145	258,1	"	"	"	"	"	
"	10/698	31.1.87	00:00	71 47,02	18 00,25	4,7	3200	296	KP----	2	0,25	"	HANUSE	Kreisförmig
"	"	"	01:30	44,92	02,49	4,9	3267	355	"	"	"	"	"	
"	"	"	01:49	42,50	03,12	4,7	3362	337	"	"	"	"	"	
"	"	"	01:30	40,54	07,38	5,0	3475	"	"	"	0,13	"	"	
"	"	"	02:00	40,48	14,79	5,0	3575	250,5	"	"	"	"	"	
"	"	"	02:30	41,38	22,89	5,3	3692	262,7	"	"	0,00 (no 2.13)	"	"	
"	"	"	02:54	41,94	29,03	5,2	3734	249,2	KP----	3	0,13	"	"	



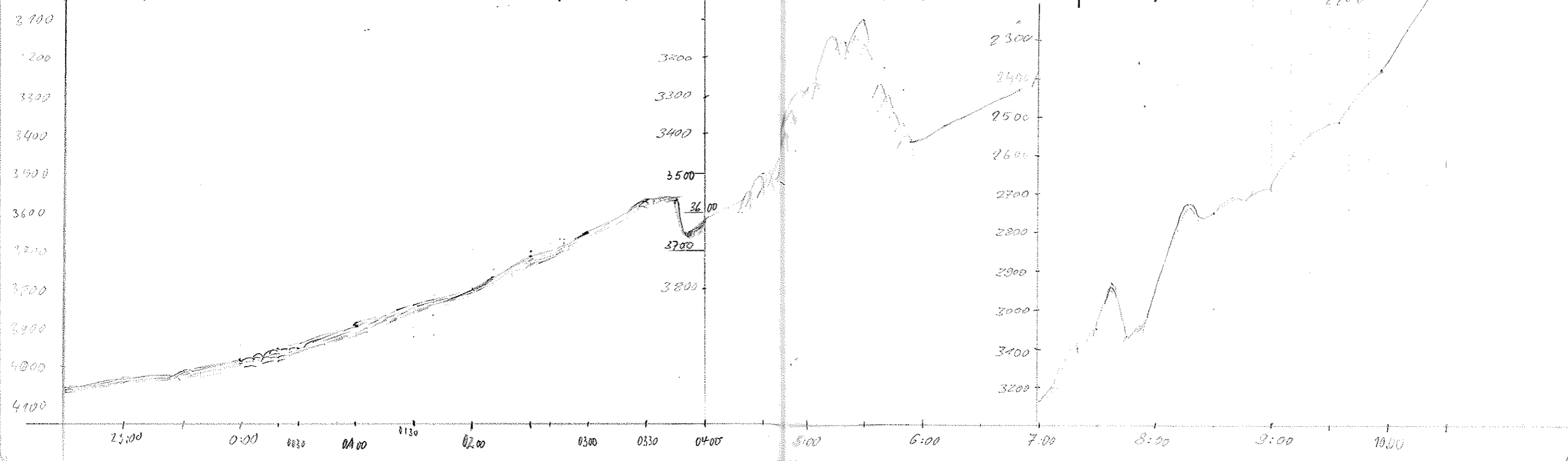
Roll	Profile	Date	Time	Lat. [S]	Long [W]	Speed	Depth	Course	Trigger	Sweep	Delay	Pulse	Prot.	Remarks
14	10/698	31.1.87	03:00	71° 42.06	18° 30.10	5.1	3754		MP	3	0.13	1	KRAUSE	Auch gesehen in schon. strukturiertes Sediment.
"	"	"	03:31	43.10	37.81	5.2	3848	242.6	"	"	"	"	"	Zackflecke Gegend
"	"	"	04:00	43.98	44.84	5.2	3921	247.4	"	"	"	"	"	
"	"	"	4:23	44.61	50.46	5.1	4000	249.0	KP	2	0.38	"	Niederjaspel	
"	"	"	4:50	45.08	51.18	5.0	4052	276.7	"	"	"	"	"	
"	"	"	5:20	44.74	19° 05.06	5.0	4097	279.1	"	"	"	"	"	
"	"	"	5:40	44.57	10.09	5.0	4136	278.1	"	"	"	"	"	
"	"	"	6:00	44.34	15.24	4.8	4161	279.3	"	"	0.25	"	"	
"	"	"	6:30	43.96	22.69	5.0	4194	278.6	"	"	"	"	"	
"	"	"	7:00	43.57	30.83	3.9	4234	286.1	"	"	0.13	"	"	
"	"	"	7:30	43.11	38.47	5.1	4269	283.4	"	"	"	"	"	
"	"	"	8:00	42.68	46.70	2.5	4281	282.7	"	"	"	"	"	
"	"	"	8:10	42.64	49.44	1.5	4289	270	"	"	"	"	"	
"	"	"	9:14	42.68	52.44	1.7	4290	271	"	"	"	"	"	
"	"	"	9:36	42.51	53.65	5.0	4294	271	"	"	"	"	"	
"	"	"	10:13	43.57	32.52	10.7	4241	701.2	"	"	"	"	"	
"	"	"	10:45	44.37	75.67	7.5	4170	49.3	"	"	"	"	"	
"	"	"	10:58	44.22	74.08	0.5	4163	154.3	"	"	"	"	"	
15	10/700	31.1.87	19:00	71° 42.84	19° 00.16	2.5	4192	329.5	"	"	"	"	Bullitar	auf Station 10/699
"	"	"	19:30	39.50	26.09	9.2	4247	325.3	"	"	"	"	"	Regint 10/700
"	"	"	20:00	35.28	35.23	9.7	4261	321.2	"	"	"	"	"	
"	"	"	20:30	31.53	19° 45.50	9.6	4325	321.1	"	"	"	"	"	
"	"	"	20:49	29.41	50.87	9.7	4352	322	"	"	0.00	"	Van Hanning	change delay range 4195-4500
"	"	"	21:21	27.62	54.93	3.6	4371	324	"	"	"	"	"	
"	"	"	21:31	23.91	20° 04.07	9.7	4396	323	"	"	"	"	"	
"	"	"	22:00	13.95	13.10	9.7	4418	324	"	"	"	"	"	
"	"	"	22:30	15.98	22.46	3.8	4473	322	"	"	"	"	"	



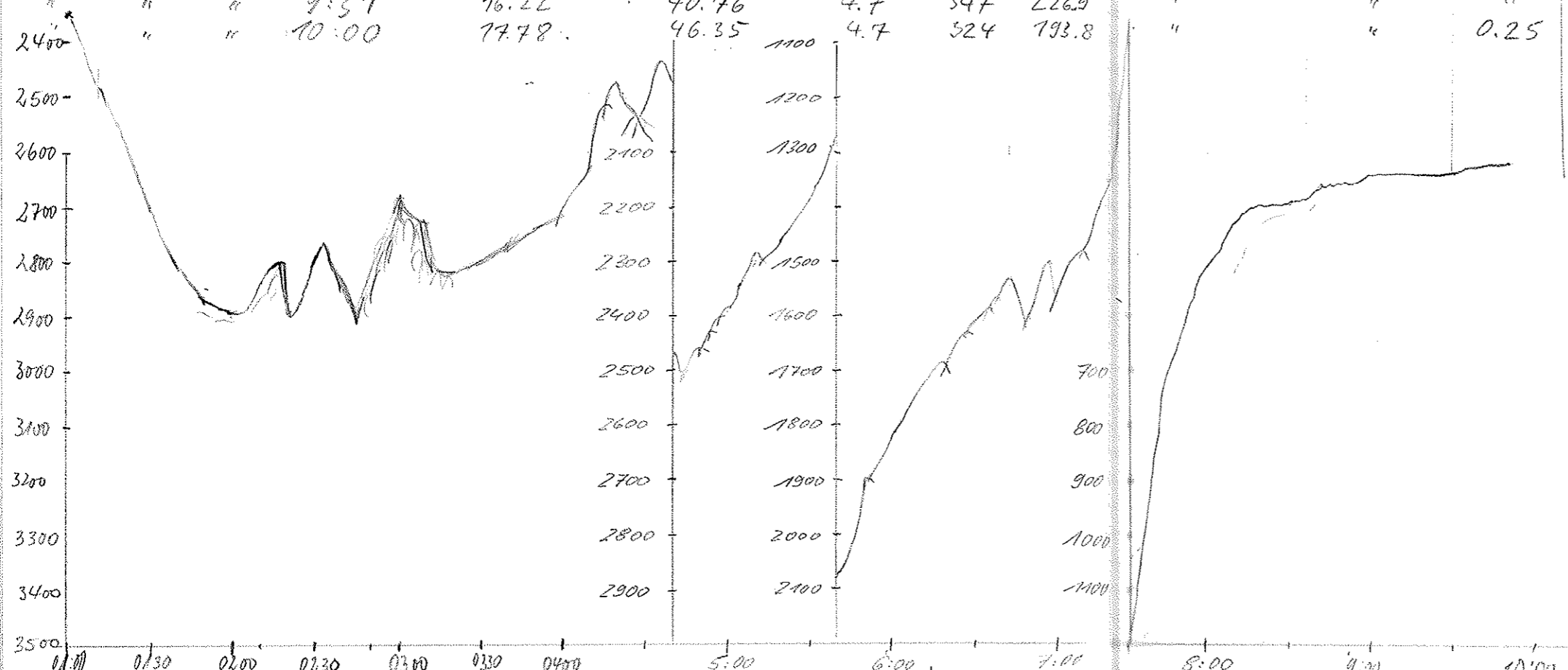
Time	Prof. 6	Date	Time	Lat. (S)	Long (W)	Spec	Dist	Co. size	Temp	Swamp	Delay	Probe	Prof	Remarks
23:00	10/700	31/1/87	23:00	091° 11.95	20° 21.18	10	4439	323	K P	2	0	1	Un-Herding	
23:30	"	"	23:30	71 07.93	20° 40.85	9.8	4439	322	"	"	"	"	"	
24:00	"	"	24:00	09 11	40 81	9.9	4326	323	"	"	"	"	"	
00:30	"	1.2.87	00:30	71° 00 12	20° 59.08	9.8	4321	322.2	"	"	"	"	"	Tiefes Eindringen / den flüchtige Schichtung ~ 40m
01:00	"	"	01:00	70° 56.39	21° 08.23	9.7	4359	318.4	"	"	"	"	"	ENDE 1-2
01:04	"	"	01:04	55.86	09.19	9.8	4362	318	"	"	"	"	"	START 2-3
01:18	"	"	01:18	55.94	09.70	9.7	4362	212.2	"	"	"	"	"	
01:32	"	"	01:32	58.23	10.09	10.1	4354	180.7	"	"	"	"	"	
02:00	"	"	02:00	71° 03.09	09.77	10.3	4311	184.4	"	"	"	"	"	
02:30	"	"	02:30	08.10	10.81	10.1	4269	183.1	"	"	"	"	"	
03:00	"	"	03:00	13.35	11.63	10.1	4394	181.3	"	"	"	"	"	
03:30	"	"	03:30	12.44	12.20	10.1	4394	181.5	"	"	"	"	"	hartes Sediment?
4:00	"	"	4:00	23.57	12.69	10.0	4375	181.1	"	"	"	4	Niedrigwasser	
4:30	"	"	4:30	28.78	13.03	10.3	4370	182.6	"	"	"	"	"	
5:10	"	"	5:10	35.58	13.22	10.1	4325	181.7	"	"	"	"	"	
5:31	"	"	5:31	39.35	14.72	10.2	4395	185.6	"	"	"	"	"	
6:01	"	"	6:01	44.36	14.33	10.1	4262	181.9	"	"	"	"	"	
6:05	"	"	6:05	71° 45.10	21° 15.00	10.1	4258	182.0	"	"	"	"	"	geplante Station
6:30	"	"	6:30	40.27	15.44	10.0	4215	183.6	"	"	"	"	"	Profil beendet, Anker an Station
7:00	"	"	7:00	46.30	14.96	7.4	4236	1.8	"	"	"	"	"	
7:30	"	"	7:30	45.03	14.34	2.1	4258	1.5	"	"	"	"	"	
16:03	"	"	16:03	46.16	17.05	1.9	4245	1.9	"	"	"	"	"	Ende Station 10/701
16:31	"	"	16:31	71° 45.59	21° 16.10	1.5	4252	2.4	"	"	"	"	"	
16:52	"	"	16:52	44.99	15.10	3.0	4258	1.2	"	"	"	"	"	Alter Stationspunkt.
17:00	"	"	17:00	44.64	14.57	3.2	4262	2.5	"	"	"	"	"	Sea beam gestartet
17:30	"	"	17:30	42.82	13.28	4.5	4267	336	"	"	"	"	"	
18:00	"	"	18:00	42.53	13.47	4.8	4286	212.7	"	"	"	"	"	
18:30	"	"	18:30	44.64	15.93	5.0	4262	1.8	"	"	"	"	"	
18:36	10/702	"	18:36	45.09	15.11	4.8	4258	1.5	"	"	"	"	"	10/702 gestartet über den erneuten Stationspunkt.
19:00	"	"	19:00	46.70	14.99	5.0	4244	1.3	"	"	"	"	"	
19:30	"	"	19:30	48.96	08.16	4.9	4216	1.5	"	"	"	"	"	
20:00	"	"	20:00	51.15	04.67	5.0	4181	1.50	"	"	"	"	"	
20:33	"	"	20:33	54.56	0.10	4.9	4159	150.7	"	"	0.25	"	"	
21:01	"	"	21:01	55.56	20° 56.61	4.9	4148	150.5	"	"	"	"	"	
21:30	"	"	21:30	57.79	52.87	4.8	4146	152.5	"	"	"	"	"	
22:00	"	"	22:00	59.65	49.31	4.8	4100	154.0	"	"	"	"	"	



Roll	Prof No	Date	Time	Lat. [S]	Long. [W]	Speed [m]	Depth [m]	Course	Trigger	Sweep Delay	Pulse	Recorder	Remarks	
15	10/702	7.2.87	22:30	72° 04.88	20° 45.58	4.8	4081	153	KP	2	0.25	1	Kuhn	
"	"	"	23:00	03.96	42.59	4.8	4038	149.3	"	"	"	"	"	
"	"	"	23:30	06.06	38.65	4.8	4008	149.6	"	"	"	"	"	
"	"	"	00:00	8.77	34.77	4.7	3968	153.4	"	"	"	"	"	
15	10/702	7.2.87	00:20	72° 09.57	20° 32.39	4.5	3949	151.7	"	3	0.13	1	KRUSE	
"	"	"	00:30	10.31	31.17	4.7	3941	153.7	"	"	"	"	"	deutliche Schichtung (s-Greif)
"	"	"	01:01	12.77	26.61	~	3886	~	"	"	"	"	"	~ 20 m
"	"	"	02:00	17.00	19.20	4.6	3797	~	"	"	"	"	"	~ 01 35 Echo in 50m Tiefe - Kuppel?
"	"	"	02:30	18.90	14.96	4.5	3710	151.8	"	"	"	"	"	
"	"	"	02:41	19.7	13.51	5.0	3689	152.3	KP	3	0.38	1	"	0239 umgeschaltet
"	"	"	03:00	21.05	11.34	4.8	3655	152.1	"	"	"	"	"	
"	"	"	03:30	23.32	07.56	4.8	3563	153.9	"	"	"	"	"	
"	"	"	04:00	25.31	04.27	4.4	3629	155.3	"	"	"	"	"	
"	"	"	4:36	27.86	00.01	4.7	3504	153.2	"	"	"	"	"	
"	"	"	4:47	28.18	18° 53.46	4.7	3453	150.3	KP	2	0.13	"	"	Medusejasper
"	"	"	5:01	29.71	57.34	4.8	3272	149.3	K-P	3	0.00	"	"	
"	"	"	5:38	30.78	43.90	4.7	3234	83.1	"	"	"	"	"	
"	"	"	5:55	30.36	45.82	4.7	3445	66.8	LP	2	"	"	"	
"	"	"	6:15	30.76	41.02	4.6	3370	88.5	K-P	3	"	"	"	
"	"	"	6:49	31.45	32.35	4.9	3287	181.6	"	"	"	"	"	
"	"	"	7:23	33.28	25.68	4.7	3097	134.3	"	"	"	"	"	
"	"	"	7:28	33.54	24.77	4.0	3050	135.6	KP	2	"	"	"	
"	"	"	7:45	34.55	24.50	4.6	3068	97.1	K-P	3	"	"	"	
"	"	"	7:53	34.54	19.25	4.5	3025	87.2	LP	2	"	"	"	
"	"	"	8:30	34.60	09.42	4.5	2775	67.8	"	"	"	"	"	Astermus
"	"	"	9:01	34.05	01.74	2.8	2692	89.4	"	"	"	"	"	
"	"	"	9:35	33.75	18° 57.15	1.4	2526	85.0	"	"	0.38	"	"	
"	"	"	9:54	33.63	55.31	2.0	2374	97.7	KPKP	5	0.25	"	"	
"	"	"	10:31	33.33	48.26	4.2	2137	130.0	"	"	"	"	"	Station 10/403
			14:40	39.35	14° 08.59	10.3	2557	239	LP	2	0.25	"	"	Anlaufm Diesel
			14:58	42.12	15.33	10.4	2319	2265	KPKP	5	0.38	1	Vlog	

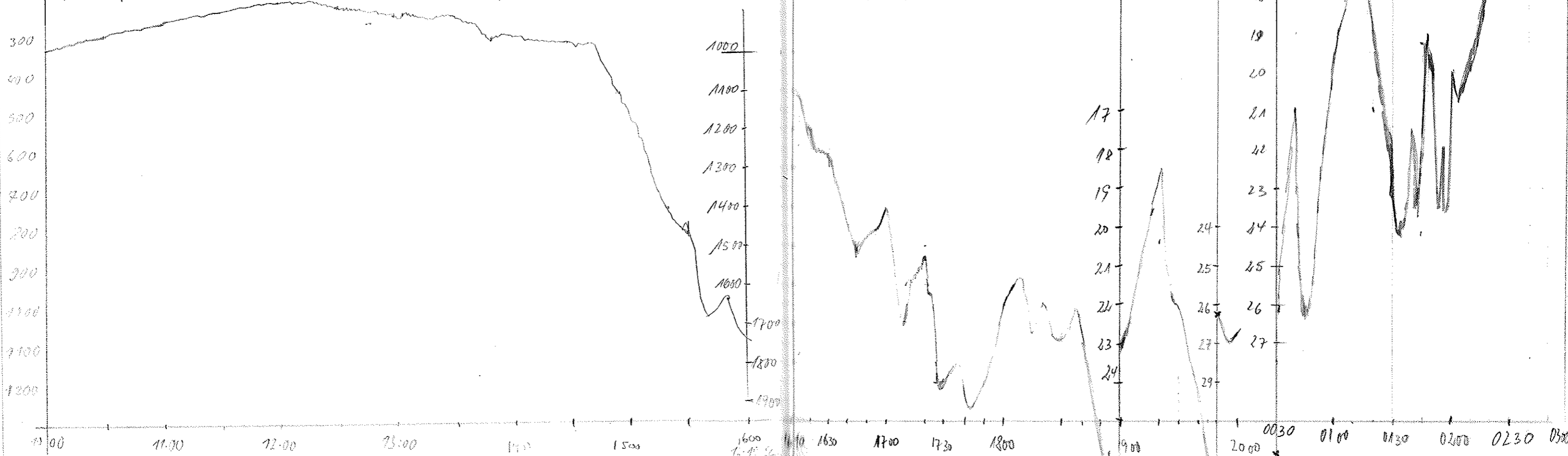


Reihe	Profil	Datum	Zeit	Lat S	Lon W	Geschw.	Tiefe	Wass	Temper.	Stufe	Zeit	Puls	Abteil	Bemerkungen
75		3.2.87	15:12	73° 46.15	19° 20.14	10.3	1844	209	KP	2	0.38	1	Bayr.	Airtemp Druck
"	"	"	15:17	46.96	24.66	7.5	1461	219.5	KPK-P	5	0.28	1	"	"
"	"	"	15:14	45.91	23.11	9.2	1130	195.6	K-P	3	0.00	"	Bayr	"
"	"	"	15:53	50.46	22.48	8.9	410	148.5	"	"	"	1	"	"
"	"	"	16:00	51.76	20.54	9.1	381	123.6	KP	2	0.25	1	"	"
"	10/706	"	22:46	52.54	19.13	2.0	400	288.5	"	"	"	"	Schlüter	"
"	10/706	"	24:00	72° 49.96	19° 39.52	4.0	502	317	KP---	2	0.00	"	"	{ NBS-Ausfall Tiefen aus Seabeam Center beam Anzeige
"	"	3.2.87	00:30	48.55	37.67	3.9	1402	381	KP-----	2	0.00	1	KRAUSE	"
"	"	"	01:00	47.50	42.97	4.0	2258	300	KPKP---	5	0.38	1	"	"
"	"	"	01:34	46.74	51.08	5.0	2666	287	KP-----	2	0.13	1	"	"
"	"	"	02:01	45.96	58.49	4.9	2829	291	"	"	"	"	"	"
"	"	"	02:15	45.12	59.81	4.7	2823	31	"	"	"	"	"	ENDE 1-2
"	"	"	02:30	45.78	57.76	4.4	2844	182	KP	2	0.00	1	"	Hunger
"	"	"	02:41	45.29	59.30	4.7	2829	298	"	"	"	"	"	START 2-3
"	"	"	03:00	46.38	20° 01.65	4.8	2669	207.7	"	"	"	"	"	"
"	"	"	03:35	48.97	20° 04.00	4.8	2809	190.9	"	"	"	"	"	"
"	"	"	04:00	50.81	04.90	4.8	2731	189.1	"	"	"	"	"	"
"	"	"	4:10	51.49	06.17	4.7	2626	194.2	"	"	0.38	"	Wiederpapier	"
"	"	"	4:40	53.82	10.16	5.1	2469	205.3	"	"	"	"	"	"
"	"	"	5:05	55.73	13.47	4.9	2342	203.0	KPKP-	5	0.25	"	"	"
"	"	"	5:37	58.36	17.44	5.0	2085	207.9	KP	2	0.13	"	"	"
"	"	"	6:03	73° 00.57	18.48	5.0	1811	207.8	KPK-P	5	0.00	"	"	"
"	"	"	6:35	02.89	23.11	5.1	1594	240.3	"	"	"	"	"	"
"	"	"	6:56	04.42	25.43	5.0	1537	198.6	KP	2	"	"	"	"
"	"	"	7:01	09.83	26.52	4.8	1578	198.5	KPK-P	5	0.13	"	"	"
"	"	"	7:16	06.04	27.54	4.9	1408	183.9	KP	2	0.00	"	"	"
"	"	"	7:30	07.20	27.80	4.8	1084	182.5	"	"	0.38	"	"	"
"	"	"	7:43	08.35	28.73	4.7	757	207.4	K-P	3	"	"	"	"
"	"	"	8:18	10.97	32.92	5.0	400	205.4	KP	2	0.13	"	Kuh	"
16	"	"	8:51	13.49	36.26	4.9	366	194.8	"	"	"	"	"	Papier und Schreibriemen gewechselt
"	"	"	9:31	16.22	40.76	4.7	347	226.9	"	"	"	"	"	"
"	"	"	10:00	17.78	46.35	4.7	324	193.8	"	"	0.25	"	"	"

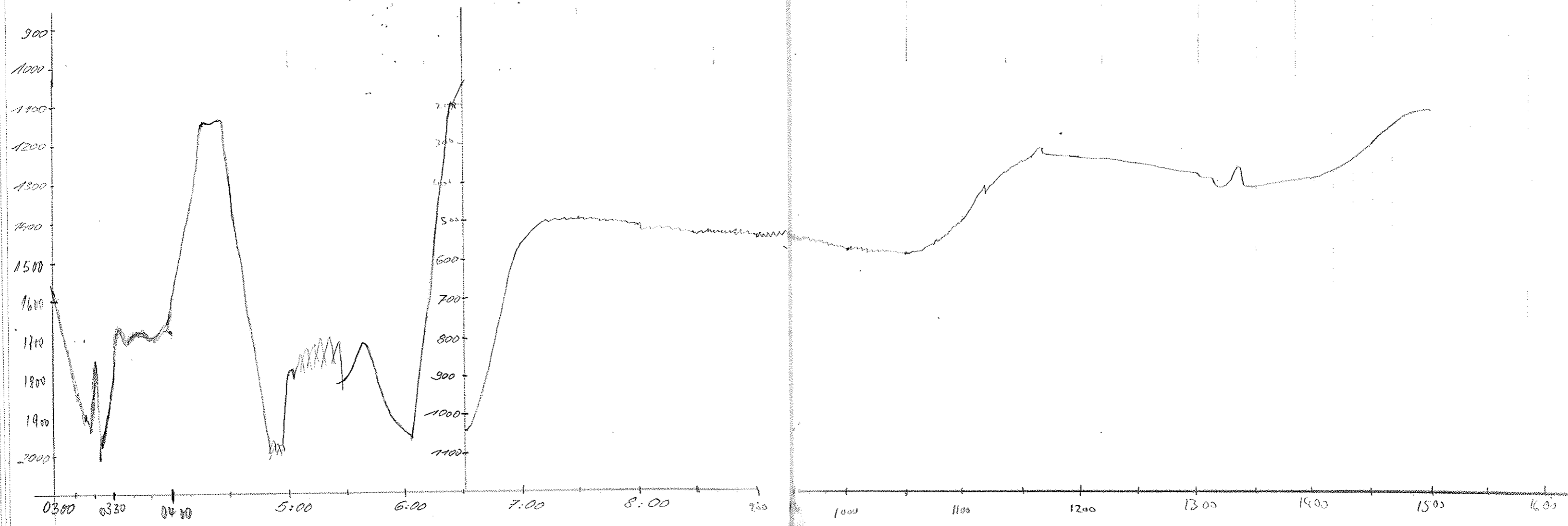


Papier und Schreibriemen
gewechselt

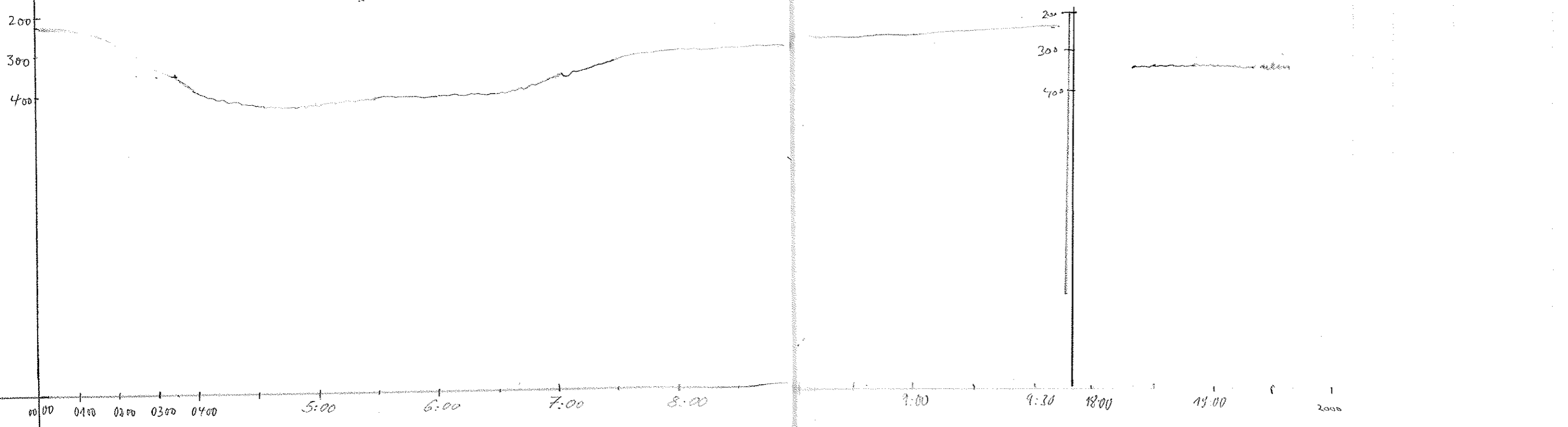
Rolle	Profil	Datum	Zeit	Lat S	Lon W	Geschw.	Tiefe	Kurs	Swingerfolge	Swings	Delay	Pulse Length	Protokoll	Bemerkungen
16	10/706	3.2.87	10:30	73° 20.12	20° 48.39	5.0	294	195	KP	2	0.25	7	Kabun	
"	"	"	11:00	22.52	49.93	4.8	265	192.5	"	"	"	"	"	
"	"	"	11:33	25.02	53.53	5.0	236	200.7	"	"	"	"	"	
"	"	"	12:00	26.96	56.30	5.4	214	202.4	"	"	0.38	4	"	
"	"	"	12:30	29.35	59.69	4.8	235	205.9	"	"	"	"	Bullhater	
"	"	"	12:47	73° 29.99	21° 02.27	5.4	239	272.6	"	"	"	"	"	
"	"	"	13:00	29.94	07.33	5.2	259	271.5	"	"	"	"	"	
"	"	"	13:30	29.77	16.28	4.7	252	267.7	"	"	"	"	"	
"	"	"	14:00	29.97	25.32	5.1	287	269.7	"	"	"	"	"	
"	"	"	14:30	30.01	34.18	4.9	318	270.2	"	"	"	"	"	
"	"	"	15:00	30.08	43.68	5.2	501	273.9	KP	2	6.00	"	"	
"	"	"	15:20	29.87	49.91	5.2	780	267.8	K-P	3	0.00	"	"	
"	"	"	15:30	29.91	52.20	5.1	811	267.2	"	"	"	"	"	
"	"	"	15:52	30° 01	59.59	5.3	990	"	"	"	"	"	"	change course 4-5
"	"	"	16:00	29° 66	01.17	4.9	1118	287.5	"	"	"	"	"	
16	10/706	03.02.87	16:30	73° 28,99	22° 08,93	4,7	1256	288,3	KP	2	0,00	"	HRDUSE	
"	"	"	17:00	28,28	17,31	4,9	1447	288	"	4	"	"	"	
"	"	"	17:30	27,60	24,76	4,9	1867	290	KPK-P--	5	0,00	1	"	NBS ausgefallen
"	"	"	18:00	26,84	33,37	4,9	1642	291	KP-----	2	0,38	1	"	" OK!
"	"	"	18:15	26,54	37,03	4,9	1724	283	KP	2	0,38	"	"	
"	"	"	18:33	25,95	41,85	4,8	1682	294	KPKP---	5	0,25	1	"	
"	"	"	18:59	25,41	49,76	5,0	2282	288	"	"	"	"	"	
"	"	"	19:28	24,52	57,34	4,8	2124	297	KPKP---	5	0,25	4	"	
"	"	"	20:01	73° 23,90	23° 00,98	2,7	2715	280,3	KP-----	2	0,38	4	"	
"	"	"	20:56	"	"	"	"	"	"	"	"	"	"	
"	10/707	04.02.87	00:33	73° 24,20	23° 05,19	1,2	2612	308	KP	2	0,38	1	"	Station 10/707
"	10/708	"	01:00	26,99	12,18	10,0	3043	218	KPKP	5	0,38	1	"	Kastengreifer aus dem Wasser
"	"	"	01:30	31,03	23,80	10,1	2350	2164	KP-----	2	0,38	4	"	15042 Start 101708 15
"	"	"	02:00	35,20	33,65	10,0	1025	2154	KP-----	2	0,00	4	"	
"	"	"	02:30	39,58	45,47	9,9	1439	224	KP-K-P-	5	0,13	1	"	
16	10/702	04.02.87	03:03	73° 43,09	23° 54,69	10,0	1452	214	"	4	0,38	1	HRDUSE	



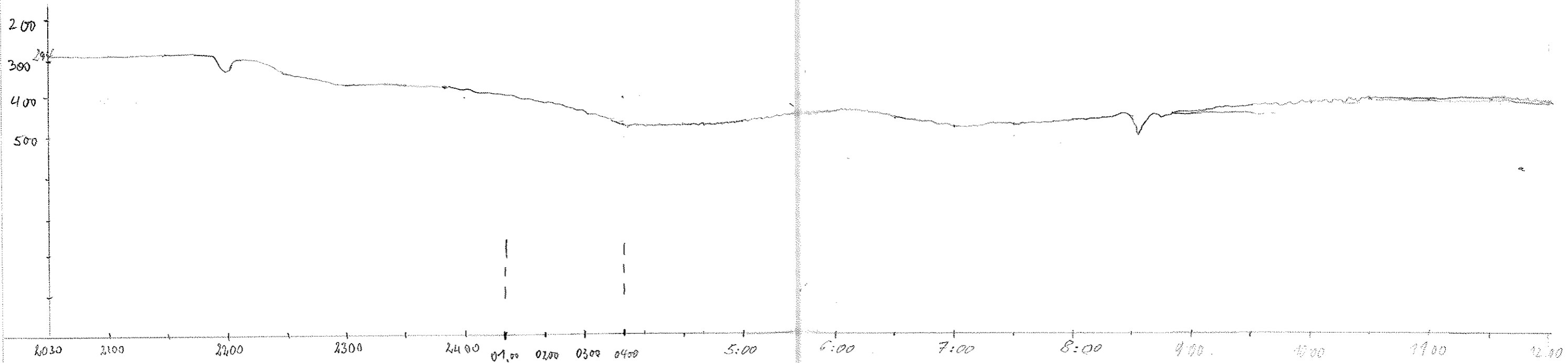
Roll	Profile	Date	Time	Lat. [S]	Lon. [W]	Depth [m]	Velocity Speed [kn]	Course	Trigger	Screeper delay [s]	Pulse Length [s]	recorded by	Remarks
16	10/708	4.2.87	03:30	73° 46.56	24° 03.95	1896	9.9	217.9	KP-----	2	0.38	Kiause	
16	10/708	4.2.87	04:00	73° 50.26	24° 13.83	1629	10.0	217.1	"	"	"	Kiause	Safe Morgen!
"	"	"	4:30	54.44	25.05	1267	10.2	219.0	KP	2	0.00	"	Niederjoster
"	"	"	5:00	58.27	35.33	1720	9.9	216.0	"	"	0.25	"	"
"	"	"	5:30	74° 02.80	45.50	1797	9.6	217.9	"	"	"	"	"
"	"	"	6:00	05.18	25° 00.45	1940	10.1	245.9	"	"	"	"	"
"	"	"	6:30	09.30	09.32	1044	10.2	206.2	K-P	3	0.00	"	"
"	"	"	7:00	14.04	15.65	560	9.5	205.0	"	"	0.38	"	"
"	"	"	7:30	18.39	23.32	494	9.8	201.5	"	"	"	"	"
"	"	"	8:00	22.59	29.34	509	9.9	202.2	"	"	"	"	"
"	"	"	8:30	27.66	39.87	529	10.2	23.4	"	"	"	"	Bullister
"	"	"	9:00	31.34	47.13	535	9.8	194.8	"	"	"	"	"
"	"	"	9:30	36.40	51.86	547	10.2	194.0	"	"	"	"	"
"	"	"	10:00	40.48	41.48	577	10.5	184.9	"	"	"	"	"
"	"	"	10:30	45.34	47.17	577	10.1	200.7	"	"	"	"	"
"	"	"	11:00	47.88	54.79	498	10.2	201.1	"	"	"	"	"
"	"	"	11:15	51.71	57.29	472	10.1	203.5	KP	2	0.00	"	"
"	"	"	11:30	55.76	26° 04.35	323	10.0	208.1	KP	2	0.25	"	"
16	10/708	4.2.87	12:00	74° 58.95	26° 09.82	314	10.5	203.8	KP	2	0.25	1	Lensa
"	"	"	12:30	75° 03.48	17.80	354	10.3	208.2	"	"	"	"	"
"	"	"	13:00	07.95	26.05	375	10.1	204.1	"	"	"	"	"
"	"	"	13:30	11.79	38.98	400	10.3	220.2	"	"	"	"	"
"	"	"	14:00	16.80	43.82	396	10.2	187.7	"	"	"	"	"
"	"	"	14:30	21.77	48.93	295	10.0	198.5	"	"	"	"	"
"	"	"	15:00	26.53	56.33	235	9.6	207.5	"	"	"	"	"
"	"	"	15:30	30.16	59.67	225	0.0	212.7	"	"	"	"	Halley Bay



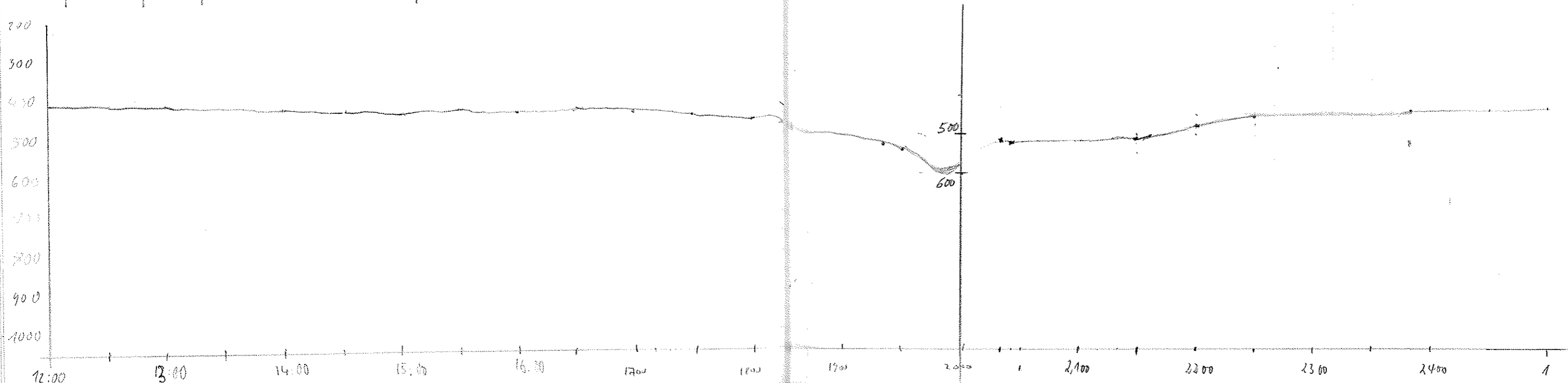
Roll	Profile	Date	Time	Lat. [S]	Long. [W]	Depth [m]	Speed [km]	course	Trigger	Sweep	Delay [s]	Pulse Length [s · 10 ⁻³]	recorded by	Remarks
16	10/709	05.02	00:30	75° 29.14	27° 03.13	232	4	313	AP-----	2	0.25	0.5	HRAUSE	ab Halley
"	"	"	01:00	27.51	10.86	256	5.2	309	"	"	"	0.2	"	"
"	"	"	01:30	23.98	84.56	277	5.0	317	"	"	"	0.2	"	Megun - Sparker
"	"	"	03:14	19.99	40.08	360	4.0	313	"	"	"	"	"	"
"	"	"	03:30	19.13	44.13	362	5.2	307.3	"	"	"	"	"	"
16	10/709	05.02	04:00	75° 17.31	27° 51.03	395	5.0	313.8	KP	2	"	"	Niederjasser	4:19 Profil beendet
"	"	05.02	4:30	15.51	54.86	428	4.8	130.7	"	"	"	"	"	"
"	"	"	5:00	17.36	59.90	423	5.0	224.0	"	"	"	"	"	"
"	"	"	5:30	19.07	28° 07.14	411	5.0	220.2	"	"	"	"	"	"
"	"	"	6:07	19.67	09.53	410	5.1	119.9	"	"	"	"	"	"
"	"	"	6:30	21.28	03.17	406	5.3	135.4	"	"	"	"	"	"
"	"	"	7:00	23.12	27° 56.09	358	5.0	134.6	"	"	"	"	"	"
"	"	"	7:32	24.90	49.23	328	5.1	135.4	"	"	"	"	"	"
"	"	"	8:00	75° 26.64	27° 42.14	309	5.2	135.2	"	"	"	"	"	Bayer
"	"	"	8:32	28.57	34.70	295	5.2	134.4	"	"	"	"	"	"
"	"	"	9:04	30.57	26.67	264	5.1	136	"	"	"	"	"	Profonde Anlauf Halley
"	"	"	9:28	75° 31.85	27° 20.96	241	4.8	135.8	"	"	"	"	"	abgesetzt
"	"	"	9:42	32.34	18.18	229	3.9	79	"	"	"	"	"	ablaufen Halley
"	10/710	"	18:20	75° 29.87	27° 06.26	226	6.2	342.0	"	"	"	"	Bullister	"
"	"	"	18:36	28.48	02.97	239	10.1	337.9	"	"	"	"	"	"
"	"	"	19:01	23.49	09.94	338.5	10.2	341.5	"	"	"	"	"	"
"	"	"	19:22	75° 20.20	14.54	276	6.4	342.7	"	"	"	"	"	ENDE Profile
"	"	"	20:00	19.70	15.72	280	2.3	006.2	"	"	"	"	"	station (GKG)



Roll	Profile	Date	Time	Lat [S]	Long [W]	Depth [m]	Speed [km]	Course	Trigger	Sweep	Delay [sec]	Pulse Length [sec · 10 ⁻³]	recorded by	Remarks
16	10/712	5.2.87	20:35	75° 17,62	27° 13,62	294	5.1	015.6	KP	2	0,25	0,2	Len. Dr.	
"	"	"	21:00	16,18	13,17	296	5.1	358.6	"	"	"	"	"	
"	"	"	21:30	13,70	13,76	297	5.0	354.4	"	"	"	"	"	
"	"	"	22:00	11,04	14,06	329	4.9	356.2	"	"	"	"	"	
"	"	"	22:30	08,58	14,61	336	5.1	357.4	"	"	"	"	"	
"	"	"	23:00	05,95	15,23	355	5.2	359.9	"	"	"	"	"	
"	"	"	23:30	03,52	15,10	380	5.2	359.9	"	"	"	"	"	
17	"	"	23:45	02,08	15,34	382	5.0	001.7	"	"	"	"	"	Rolle gewechselt
17	10/712	6.2.87	00:00	75° 00,92	27° 15,21	388	5.0	2,1	"	"	"	"	WRAUSE	
"	"	"	01:00	74° 55,95	14,50	413	4,8	359,5	"	"	"	0,5	"	
"	"	"	02:00	51,24	14,98	446	4,8	1,3	"	"	"	"	"	
"	"	"	02:15	50,01	15,01	453	4,7	358,1	"	"	"	"	"	ENDE Profil 2-3
"	"	"	02:28	49,10	15,04	453	5,1	6	"	"	"	"	"	Start Drehkreis u. 2. Itb
"	"	"	02:53	49,19	12,85	443	4,5	208	"	"	"	"	"	ENDE - " -
"	"	"	03:08	49,69	14,00	446	4,9	112	"	"	"	"	"	Start 3-4 03.05
"	"	"	03:05	50,01	13,06	450	5	229,5	"	"	"	"	"	
"	"	"	04:00	53,05	27,04	461	4,7	225	"	"	"	0,2	"	
"	"	"	4:30	54,86	34,44	462	5.1	228.3	"	"	"	"	Widderjäger	
"	"	"	5:00	56,61	41.00	459	5.1	225.5	"	"	"	"	"	
"	"	"	5:32	58,47	48.50	445	5.1	224.8	"	"	"	"	"	
"	"	"	6:00	75° 00,72	27° 54,83	442	5.2	225.3	"	"	"	"	"	
"	"	"	6:30	02,07	28° 01,45	453	4.9	228.6	"	"	"	"	"	
"	"	"	7:00	03,66	08.50	465	4.9	225.5	"	"	"	"	"	
"	"	"	7:30	05,37	15.43	470	5.0	224.9	"	"	"	"	"	
"	"	"	8:00	07,25	23.54	462	5.3	224.5	"	"	"	"	"	
"	"	"	8:30	09,00	30.53	457	5.2	224.3	"	"	"	"	Kuchen	
"	"	"	9:00	12,68	37.16	446	5.0	223.9	"	"	"	"	"	
"	"	"	9:30	12,50	43.99	429	5.0	223.5	"	"	"	"	"	
"	"	"	10:03	14.18	50.63	416	4.7	223.4	"	"	"	"	"	
"	"	"	10:34	15,19	57.70	404	4.8	223.5	"	"	"	"	"	
"	"	"	11:02	17,50	29° 03,85	409	4.8	229	"	"	"	"	"	
"	"	"	11:32	19,34	11,57	409	5.2	229.1	"	"	"	"	"	
"	"	"	12:00	20,95	18,43	413	5.0	226,5	"	"	"	"	"	



Roll	Profile	Date	Time	Lat S	Lon W	Depth	Speed	Course	Trigger	Sweeper	Delay	Pulse length	recorded by	Remarks
17	10/712	6.2.87	12:30	75° 22.70	29° 25.33	418	5.2	227.4	KP	2	.25	0.2	Roger	Forts. Profil 02-04
"	"	"	13:00	24.41	32.41	422	4.9	227.4	"	"	"	"	"	
"	"	"	13:07	24.89	33.70	426	5.1	225.1	"	"	"	"	"	Kurzzeitige Kurvenänderung STBd ~ 240°
"	"	"	13:16	25.36	36.29	426	5.1	222.0	"	"	"	"	"	rechts auftr. Kurs
"	"	"	13:30	26.09	39.16	423	5.1	224.5	"	"	"	"	"	
"	"	"	14:00	27.87	46.47	429	5.2	225.8	"	"	"	"	"	
"	"	"	14:36	28.27	48.10	428	5.1	226.2	"	"	"	"	"	Kurvenänderung 100 STBd, kurzzeitig
"	"	"	14:16	28.93	50.63	434	5.1	225	"	"	"	"	"	Aufstemmen alle Kurven
"	"	"	14:32	29.91	54.65	438	5.3	227.1	"	"	"	"	"	
"	"	"	15:01	75° 31.55	30° 02.87	440	5.3	228.1	"	"	"	"	"	
"	"	"	15:30	32.24	10.37	432	5.5	229.8	"	"	"	"	"	
"	"	"	16:00	35.19	17.55	435	5.5	227.0	"	"	"	"	"	Bullstar
"	"	"	16:31	75° 37.01	30° 23.92	438	4.8	225.1	"	"	"	"	"	
"	"	"	17:00	38.74	30.06	443	5.3	224.3	"	"	"	"	"	
"	"	"	17:30	40.46	37.66	451	4.9	222.8	"	"	"	"	"	
"	"	"	18:03	42.32	46.19	465	5.7	224.9	"	"	"	"	"	
"	"	"	18:30	43.98	52.67	479	4.7	223.9	"	"	"	"	"	
"	"	"	19:20	47.32	31° 06.48	523	5.5	226.1	"	"	"	"	"	
"	"	"	19:31	48.05	09.49	539	5.6	224.8	"	"	"	"	"	
"	"	"	19:48	48.95	14.10	568	4.8	227.7	KP	"	.13	"	"	Profile end
17	10/712	6.2.87	20:00	75° 49.60	31° 13.64	548	5.0	120	"	"	"	"	"	Profile start 20:25
"	"	"	20:27	48.14	08.71	524	5.1	12	"	"	"	"	"	
"	"	"	21:02	45.13	05.94	526	5.3	11.7	"	"	"	"	"	
"	"	"	21:30	42.92	02.87	512	5.4	47	"	"	"	"	"	Das ursprüngliche geplante
"	"	"	22:00	41.97	30° 51.52	475	5.3	98	"	"	"	0,2/0,4/1/4	"	Profil kann aus Erbd. nicht
"	"	"	22:33	40.96	42.62	456	4.6	27.3	"	"	"	0,2 ms	"	gehalten werden.
"	"	"	23:32	36.45	34.25	446	5.1	24	"	"	"	"	"	
"	"	7.2.87	00:00	34.32	30.75	441	5.1	21	"	"	"	"	"	
"	"	"	00:30	32.03	26.01	437	5.1	31.4	"	"	"	"	"	
"	"	"	01:00	29.50	21.93	432	4.8	21	"	"	"	"	"	



Rolle	Profil	Datum	Zeit	Lat S	Lon W	Tiefe	Geschw.	KTS	Trigger	Sweeps	Delay	Pulse	Protokoll.	Bemerkung	145
17	10/712	7.2.87	1:30	75 27 28	30 13 78	428	4.6	16.0	KP-	2	.13	0.2			
"	"	"	2:02	25.33	17.33	427	4.6	9.5	"	"	"	"	vdloeff	Kursänderung nach Eb	
"	"	"	2:29	26.11	19.33	428	4.9	18.0	"	"	"	"	"	Kurs 180	
"	"	"	2:48	27.08	19.33	428	4.7	17.2	"	"	"	"	"	Kursänderung	
"	"	"	3:01	28.74	19.07	428	4.7	17.2	"	"	"	"	"		
"	"	"	4:02	33.53	18.46	432	4.8	17.26	"	"	"	"	Niederjasper		
"	"	"	4:33	35.92	14.15	442	4.8	17.5	"	"	"	"	"		
"	"	"	5:00	38.18	12.56	439	4.9	17.10	"	"	"	"	"		
"	"	"	5:30	40.58	10.92	434	4.9	17.21	"	"	"	"	"		
"	"	"	6:00	42.88	11.44	443	4.9	21.57	"	"	"	"	"		
"	"	"	6:30	44.79	17.64	438	5.0	22.6	"	"	"	"	"		
"	"	"	7:00	46.26	25.57	437	4.9	24.3	"	"	"	"	"		
"	"	"	7:31	47.46	34.42	445	4.7	23.4	"	"	"	"	"		
17	10/712	7.2.87	8:00	48.99	41.51	449	4.7	23.9	KP	2	0.13	0.2	Kurs		
"	"	"	8:30	50.24	51.37	460	4.9	24.8	"	"	"	"	"		
"	"	"	9:00	51.54	31° 00.27	473	5.0	21.5	"	"	"	"	"	Profilende 10/712 09:10	
"	"	"	9:30	53.00	03.97	477	1.4	23.2	"	"	"	"	"		
"	"	"	10:00	53.37	05.27	476	2.7	12.5	"	"	"	"	"		
"	"	"	10:30	54.38	30° 49.26	449	9.1	13.7	"	"	"	"	"		
"	"	"	11:02	57.43	26.01	465	10.5	13.4	"	"	"	"	"		
"	"	"	11:30	59.25	07.64	468	10.8	109.2	"	"	"	"	"		
"	"	"	11:46	76° 00.10	29° 58.58	473	1.2	118.6	"	"	"	"	"	Station 10/713	
"	10/714	"	12:47	75° 59.67	30° 12.32	459	7.4	262.3	"	"	"	"	Niederjasper	Start	
"	"	"	13:30	76° 00.10	30° 47.27	460	9.5	265.7	"	"	"	"	"		
"	"	"	14:00	75° 59.34	57.39	456	5.5	23.2	"	"	"	"	"		
"	"	"	14:19	76° 00.00	31° 07.60	458	2.7	277.7	"	"	"	"	"	Station 10/715	
"	10/716	"	15:10	75° 59.29	07.27	459	3.7	184.7	"	"	"	"	"	Start	

200

300

400

500

600

700

800

2

3

4

5

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8

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10

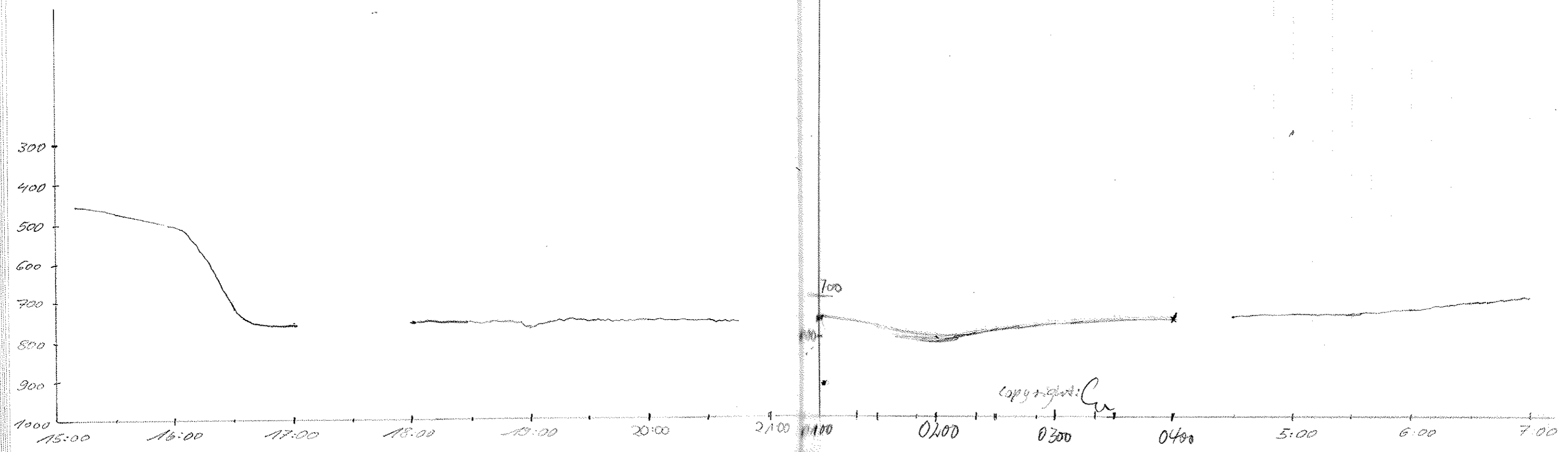
11

12

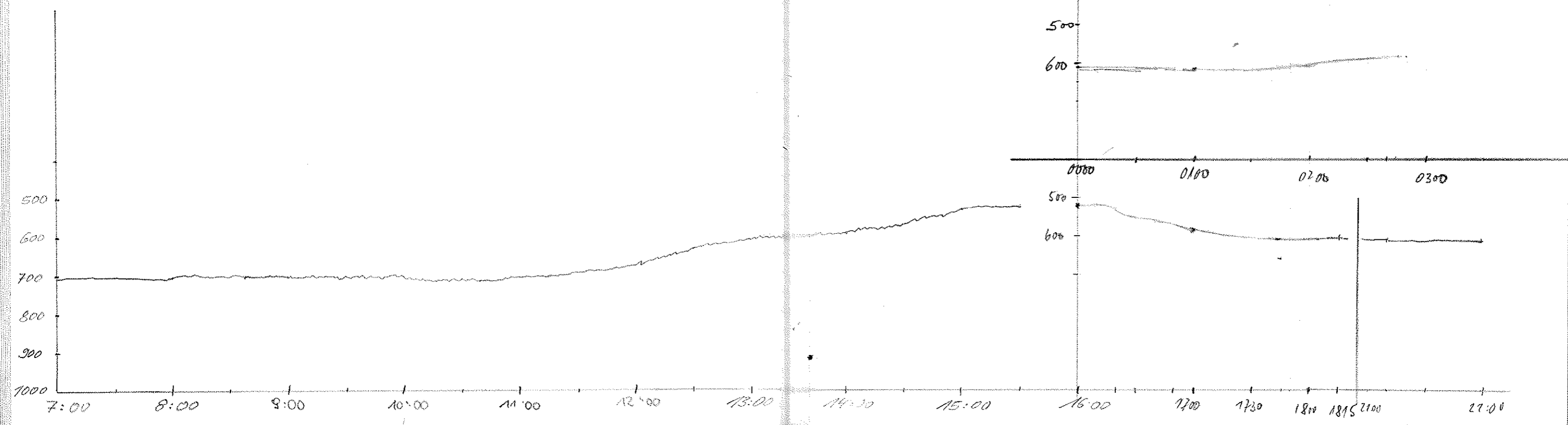
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14

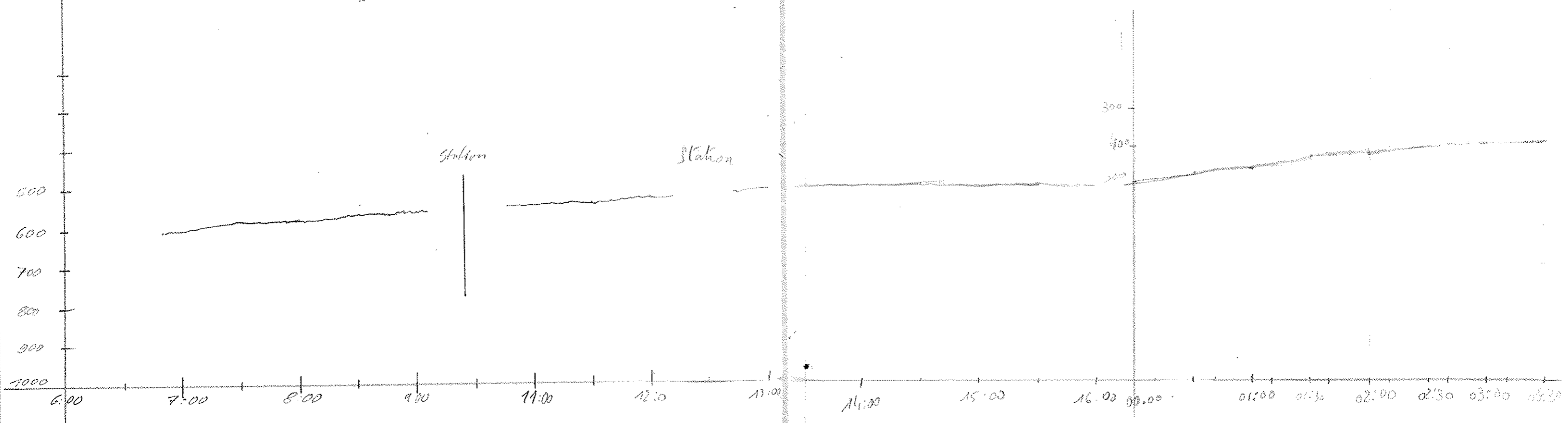
Rolle	Profil	Datum	Zeit	Lat S	Lon W	Tiefe	Geschw	Kurs	Trigger	Sweeps	Delay	Pulse	Protokoll	Bemerkungen
17	10/716	7.2.87	15:30	75° 59.88	37° 10.95	478	8.7	274.6	KP	2	0.13	0.2	Niedergasper	
"	"	"	16:00	76° 00.18	27.45	545	9.0	249.3	"	"	"	"	"	
"	"	"	16:33	00.08	48.85	707.8	9.4	246.5	"	"	0.0	0.5	Kerben	
"	"	"	17:01	00.03	32° 00.85	752.7	0.6	308.9	K-P	3	0.38	0.2	"	Reparaturarbeiten Anker Station 10/717 Station 10/717
"	"	"	17:30	00.02	01.63	757.4	0.4	278.6	"	"	"	"	"	10/717 Tief 354m
"	10/718	"	18:01	75° 59.94	04.07	752	5.5	262.3	"	"	"	1.0	"	
"	"	"	18:32	59.80	14.69	752	7.3	270.3	"	"	"	"	"	
"	"	"	19:00	59.75	24.89	769.9	5.5	278.7	"	"	"	"	"	
"	"	"	19:30	76° 00.31	36.23	763	5.6	256.3	"	"	"	"	"	
"	"	"	20:00	75° 58.84	46.57	757	5.4	248.4	"	6	"	"	Hain	
"	"	"	20:30	58.81	58.29	757	5.4	236	"	"	"	"	"	
"	"	"	20:45	58.62	33° 01.62	749.5	0	283.9	"	"	"	"	"	
18	10/720	8.2.	01:00	75° 58.54	33° 12.27	749	5.8	254.7	"	"	"	"	KRAMSE	→ Sta. Beginn Sta. 719 ST 10/720 ab 00 09-8.2. "rauhe" Oberfläche
"	"	"	01:30	58.81	32.68	780	9.2	229	"	"	"	"	"	
"	"	"	02:00	59.45	40.01	715	7.3	200	K-P	3	0.25	1.	KRAMSE	
"	"	"	03:00	57.84	34° 01.23	749	2.2	184.3	"	"	"	"	"	
"	"	"	03:22	58.38	33° 59.97	752	0.4	61	"	"	"	"	"	
"	10/722	"	4:30	58.42	33° 59.45	752	5.3	28.2	K-P	"	"	"	Niedergasper	Horizontale Leiter - 14° Gewichte + Eis Station's position 10/721 Ende Station um 4:40 Start Profil 4:20
"	"	"	5:00	55.82	57.55	742	8.3	27.7	"	"	"	"	"	
"	"	"	5:30	53.11	41.93	745	7.1	46.7	"	"	"	"	"	
"	"	"	6:07	48.82	35.86	730	6.0	2.5	"	"	"	"	"	
"	"	"	6:33	45.02	30.68	713	9.4	350.2	"	"	"	"	"	
"	"	"	7:00	43.55	29.99	705	0.0	2.5	"	"	"	"	"	



Rolle	Profil	Datum	Zeit	Lat S	Lon W	Tiefe	Geschw.	Kurs	Trigger	Sweeps	Delay	Pulse	Protokoll	Bemerkungen
18	10/722	8.2.87	7:30	75° 43.08	33° 26.79	709	5.7	53.6	K-P	3	0.25	1.	Niederjasser	
"	"	"	8:00	41.78	15.12	709	10.1	91.1	"	"	"	"	"	
"	"	"	8:30	38.51	07.41	697	4.9	70.2	"	"	"	"	Hain	
"	"	"	9:00	37.08	32° 46.42	904	12.0	40.7	"	"	"	"	"	
"	"	"	9:30	33.32	31.92	692	11.7	56.3	"	"	"	"	"	
"	"	"	10:00	28.98	18.37	713	10.7	42.1	"	"	"	"	"	
"	"	"	10:30	24.10	11.75	412	11.2	28.8	"	"	"	"	"	
"	"	"	11:00	19.71	31° 56.68	702	10.1	60.6	"	"	"	"	"	
"	"	"	11:30	15.93	45.88	691	10.3	5.4	"	"	"	"	"	
"	"	"	12:00	10.05	46.48	670	12.5	20.6	"	"	"	"	"	
"	"	"	12:30	04.38	35.42	634	13.9	13.9	"	"	"	"	Niederjasser	
"	"	"	13:00	74° 59.80	28.07	612	10.7	30.9	KP	2	0.00	1	"	
"	"	"	13:30	55.03	24.64	607	10.3	2.8	"	"	"	"	"	
"	"	"	14:00	50.35	18.41	597	9.9	53.7	"	"	"	"	"	
"	"	"	14:32	45.95	11.70	565	9.9	89.1	"	"	"	"	"	
"	"	"	15:00	42.47	02.87	528	10.2	29.3	"	"	"	"	"	
"	"	"	15:31	39.73	00.50	526	2.7	336.7	"	"	"	"	"	15:30 Ende Profil
"	10/724	"	16:20	74° 40.07	30° 57.51	515	5.7	265	"	"	"	"	KRAUSE	Start 10/724
"	"	"	17:01	40.10	31° 21.88	575	9.6	87.3	"	"	"	"	"	Zunehmende Bodenstruktur
"	"	"	17:45	36.84	44.81	610	10.2	306	"	"	"	"	"	
"	"	"	18:05	38.50	55.23	614	9.9	221	"	"	"	"	"	
"	"	"	18:19	39.93	59.89	609	6.8	234	"	"	"	"	"	ENDE Profil 10/724 / Start Station 10/725
"	10/726	"	21:10	38.57	58.70	612	3.9	266.9	"	"	"	"	Krause	
"	"	"	21:39	39.24	32° 12.46	606	10.3	257.7	"	"	"	"	"	
"	"	"	22:00	40.11	29.51	603	6.6	306.7	"	"	"	"	Schäfer	
"	"	"	22:30	29.11	29.97	607	0.0	-	"	"	"	"	"	CITD-Station
"	"	"	23:00	39:36	33:82	603	8.8	265	"	"	"	"	"	
"	"	"	23:30	39:65	49:30	603	9.8	261.7	"	"	"	"	"	
"	"	"	24:00	39:33	53:85	603	3.3	35	"	"	"	"	"	
"	"	9.2.87	00:32	39:39	32° 57:35	614	00.1	38	"	"	"	"	KRAUSE	Profilende 10/728
"	10/730	"	01:04	39:55	32° 56:92	613	3.3	210	"	"	"	"	"	CITD-Station 10/729
"	10/730	"	01:30	39:49	33° 06:69	612	6.4	290	"	"	"	"	"	0053 CITD 10/729 ENDE Start 10/730
"	"	"	02:05	39:46	23:36	609	7.8	2101	"	"	"	"	"	MISC
"	"	"	02:45	74° 39:45	33° 31:16	592	5.0	357	"	"	"	"	"	ENDE Profil 10/730

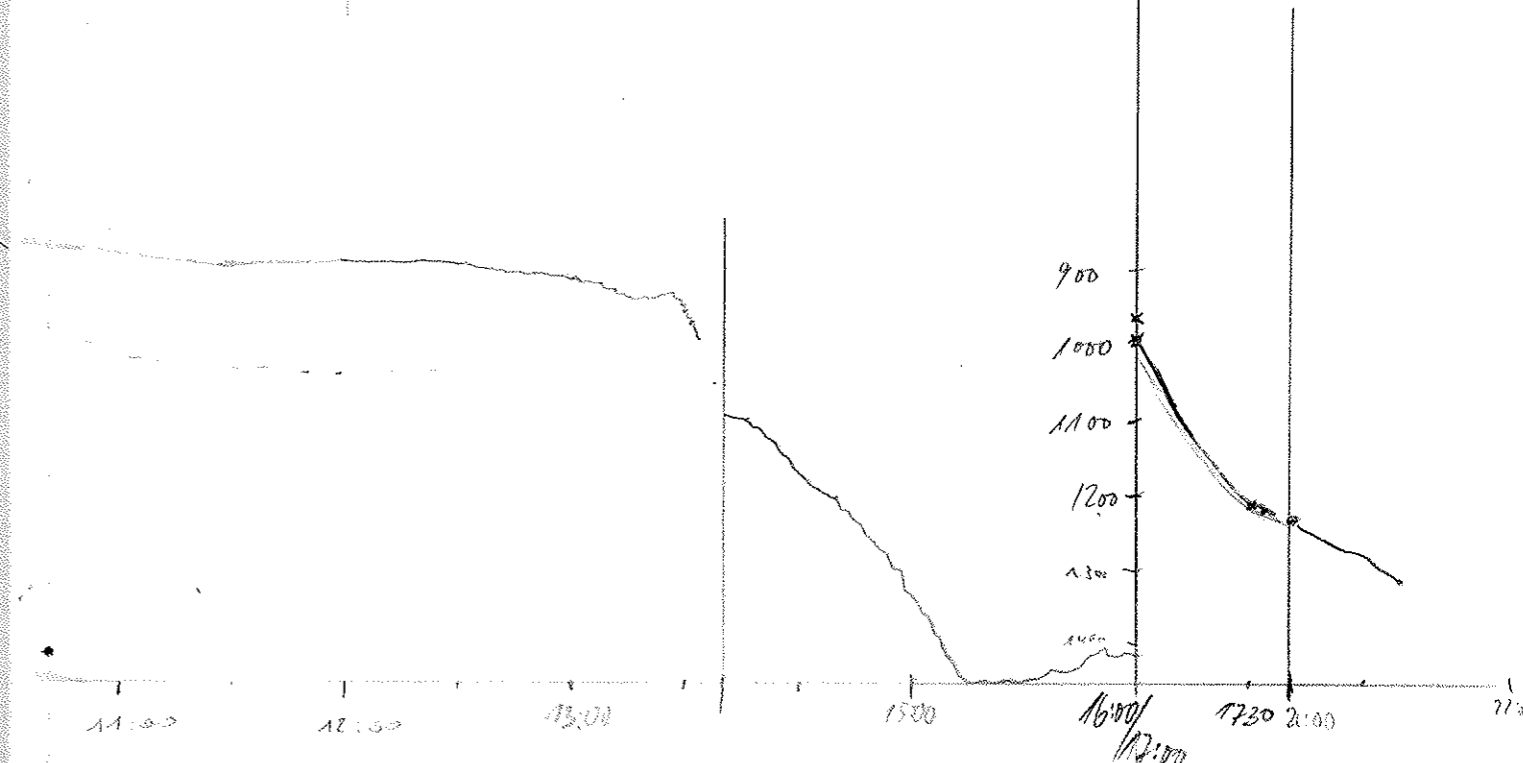
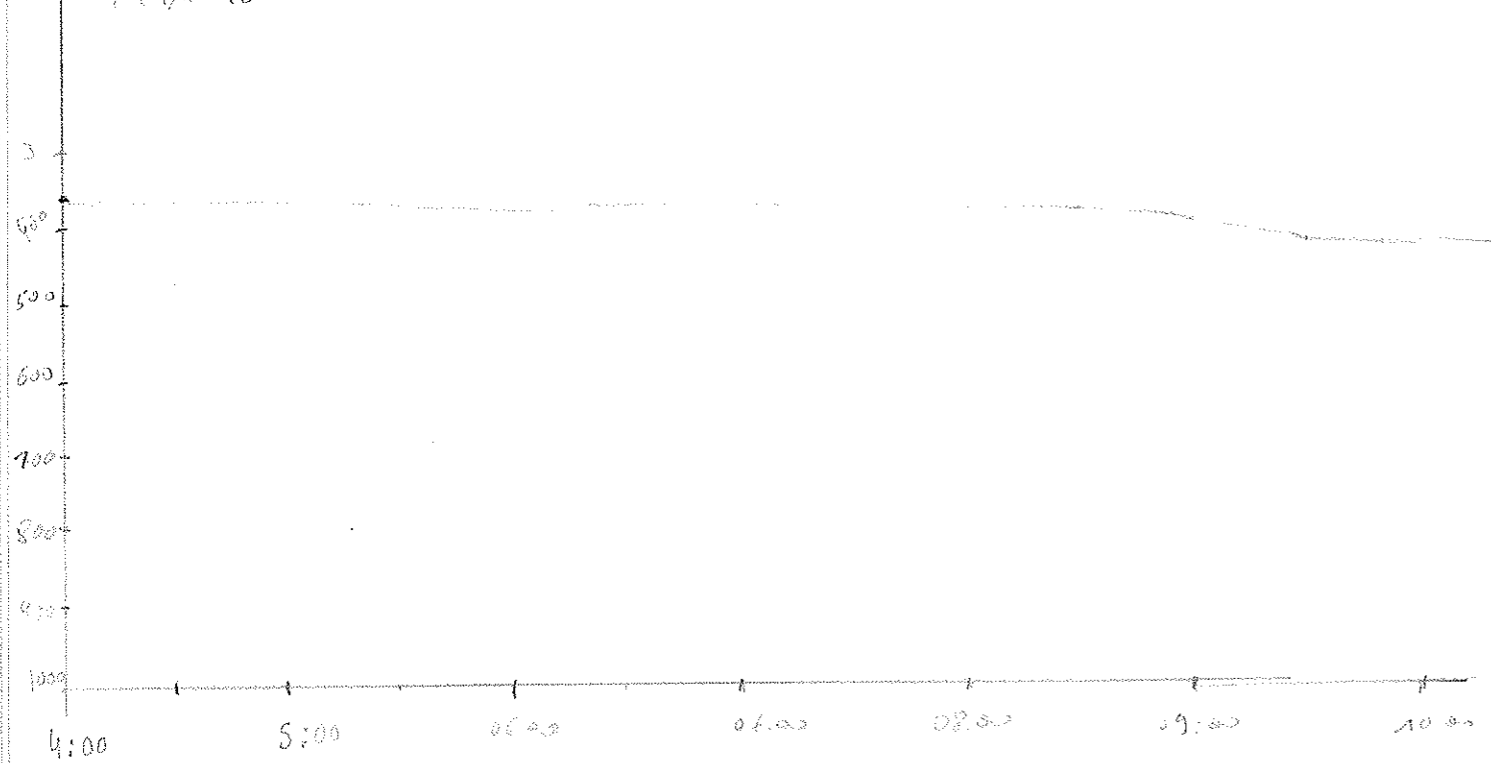


Roll	Profile	Date	Time	Lat. [S]	Long [W]	Depth	Computed Speed [km]	Computed Course	Trigger	Sweep	Delay [s]	Pulse length 5.10 ⁻²	Recording	Remarks
12	10/732	9.2.87	6:50	74° 37.13	33° 30.90	615	7.2	198.0	KP	2	0.00	1.0	Niederjasper	Start Profil 6:55
"	"	"	7:30	37.00	37.38	583	4.0	247.8	"	"	"	"	"	"
"	"	"	8:00	38.35	43.07	586	3.4	269.9	"	"	"	"	"	"
"	"	"	8:30	39.50	53.34	556	4.6	248	"	"	"	"	Kulm	"
"	"	"	9:00	39.52	34° 00.71	551	4.6	0	"	"	"	"	"	Station 10/733 + 10/734
"	10/735	"	10:47	38.63	19.02	549	3.9	245	"	"	"	"	"	Start Profil 10/735
"	"	"	11:30	39.70	17.95	544	8.7	260	"	"	"	"	"	"
"	"	"	12:00	38.59	35.49	524	6.7	336	"	"	"	"	"	"
"	"	"	12:30	37.75	37.90	526	0.2	251	"	"	"	"	Henriet	Ende Profil 12:15
"	Station 736	"	13:00	37.75	40.62	526	0.2	201	"	"	"	"	"	13.05 Start Profil → WP 14
"	10/737	"	13:30	38.47	50.65	512	7.7	225	"	"	"	"	"	"
"	"	"	14:00	40.94	35° 00.71	503	3.0	280	"	"	"	"	"	14.05 WP 13 → 14
"	(Station 737)	"	14:31	40.59	04.31	197	0.2	208	"	"	"	"	"	"
"	"	"	15:00	40.76	03.14	497	0.2	150	"	"	"	"	"	"
"	"	"	15:30	42.37	01.57	501	0.6	129	"	"	"	"	"	"
"	"	"	15:48	42.21	01.46	499	0.7	127	"	"	"	"	"	3.5 kHz Stopped (Dredging)
"	"	"	16:00	41.22	02.61	499	0.6	127	"	"	"	"	"	"
"	"	"	23:30	42.63	11.17	485	5.6	256	"	"	"	"	Seit	2.5 kHz in 23 ¹⁵ gestoppt
"	"	10.2.87	00:00	74° 41.92	35° 17.59	480	1.6	104	"	"	"	"	Van Henriet	moving to station 10/739
"	"	"	00:30	43.13	35° 24.32	457	1.5	82	"	"	"	"	"	"
"	"	"	01:00	43.80	33.05	452	6.8	251.9	"	"	"	"	"	"
"	"	"	01:30	45.55	13.00	432	10.9	232	"	"	"	"	"	"
"	"	"	02:00	47.08	56.26	423	11.6	337	"	"	"	"	"	"
"	"	"	02:30	50.98	36° 15.65	403	10.8	466	"	"	"	"	"	"
"	"	"	02:50	49.65	27.51	331	11.3	268	"	2	0.25	"	"	Change oblog 100y, 188-563m
"	"	"	03:00	48.44	34.22	387	10.9	263	"	"	"	"	"	"
"	"	"	03:30	48.23	51.28	371	13.3	267	"	"	"	"	"	"
"	"	"	04:00						"	"	"	"	"	"

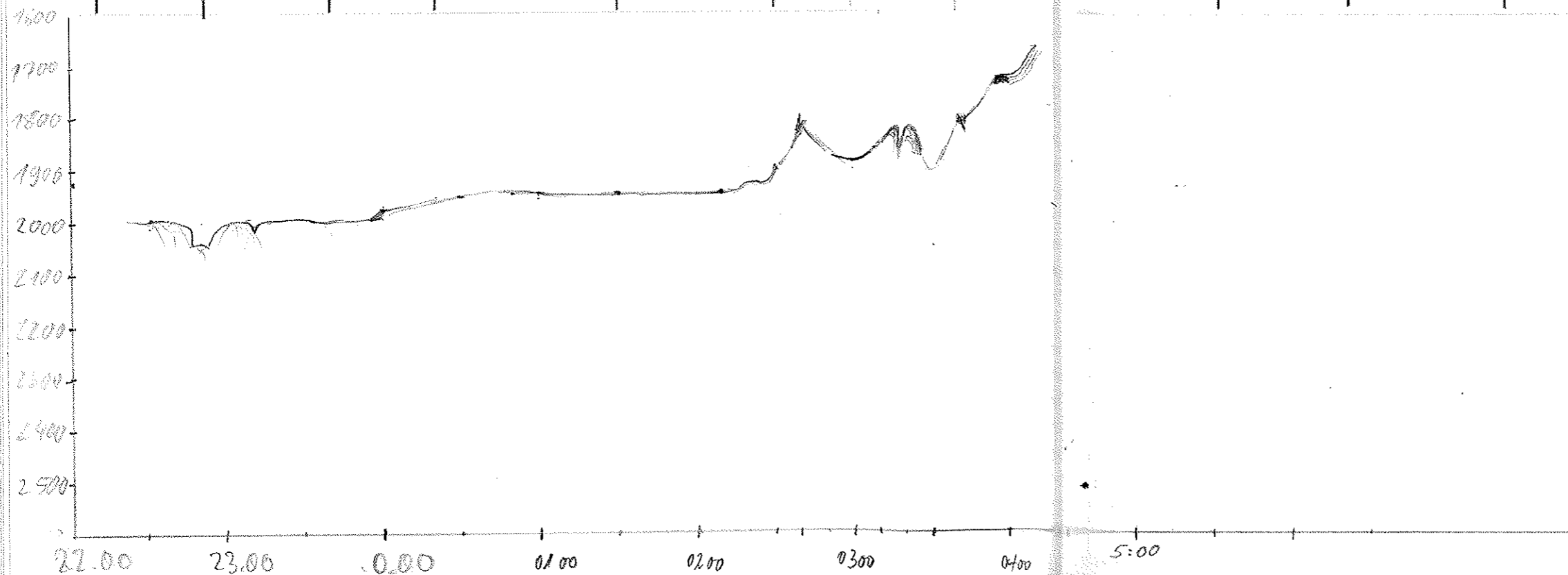


Roll	Profile	DATE	TIME	LAT [S]	LONG [W]	DEPTH	TEMP	COND	COURSE	TRIGGER	SWEEP	DELAY (s)	Pulse Length S. 10-29	Recording	Remarks
18	10/742	10/02/87	04:00	74° 39' 33"	36° 59' 38"	371	5.6	356			2	0.25	1.0	Van Herdwin	
"	"		04:09	39.50	59.29	371	9.0	94							
"	"	10.02.87	6:30	39.52	59.24	373	0.2	58.3			2	0.25	1.0	Niederjaser	ON POSITION, 733, OFF Station 10/740
"	"	"	7:00	39.51	59.13	373	0.1	54.4			"	"	"	"	
"	"	"	7:30	39.46	59.02	373	0.0	58.2			"	"	"	"	Station Ende 7:27, Start Profil 10/741, 3.5 Hz ausgefallen, 3.5 Hz läuft wieder
"	10/741	"	8:15	40.81	48.12	375	7.3	73			"	"	"	Hennet	
"	"	"	8:32	41.21	43.40	379	0.8	344			"	"	"	"	
"	"	"	9:00	40.93	29.34	383	9.7	49			"	"	"	"	
"	"	"	9:30	39.04	10.19	415	12	63			"	"	"	"	
"	Station 10/742	"	10:00	39.65	02.04	420	1.0	157			"	"	"	"	
"	"	"	10:30	39.43	01.35	420	0.1	50			"	"	"	"	
"	Profil 10/743	"	11:00	38.37	35° 57.24	430	12.6	575			"	0.13 (11:03)	"	"	Delay 0.13, 11:03 h
"	"	"	11:30	35.48	47.69	449	2.4	353			"	0.00 (11:27)	"	"	Delay 0.00, 11:27 h
"	"	"	12:00	36.15	51.02	441	2.0	43			"	"	"	"	nitzu zutwickeln in Eis fest, vorwärts
"	"	"	12:30	35.00	49.34	442	9.6	751			"	"	"	Kahner	
"	"	"	13:01	33.14	38.84	457	12.1	341			"	"	"	"	
"	"	"	13:35	30.48	30.54	543	6.8	350			"	"	"	"	
"	Profilende 10/745	"	13:43	30.08	30.70	580	7.1	266			"	"	"	"	Station 10/744
"	"	"	14:21	29.76	37.64	640?	0.6	325			"	"	"	"	Start Profil 10/745
"	"	"	14:40	28.78	30.78	756	5.3	355	K-P		3	0.25	"	"	
"	Station	"	15:17	26.84	31.26	977	3.2	260.2	"		"	0.00	"	"	Ende Profil, Station 10/746
"	Positionierung	"	16:00	27.29	31.03	963	0.7	495	"		"	"	"	"	und Beginn Station "
"	Profil 747	"	17:00	27.21	29.93	993	5.3	9	"		"	"	"	KRAUSE	ENDE STATION 746 / START Prof. 747
"	"	"	17:30	24.98	30.33	1111	4.1	80	HP		2	0.25	"	"	
"	Station 748	"	17:33	74° 25.07	35° 29.89	1220	8.2	115	"		"	"	"	"	ENDE STAT 747 20:00 / START Profil 748
"	10/748	"	21:00	74° 24.92	35° 30.54	1134	8.2	60.4	"		"	"	"	Johant	20:55
"	"	"	21:30	74° 21.61	35° 24.56	1331	8.4	292	"		"	0.00	"	"	Ende Prof 21:45 - 21:44
"	"	"	22:00	74° 22.46	35° 30.48	1344	-0.03	035	"		"	"	"	"	
"	10/751	"	23:00	74° 21.86	35° 31.78	1405	8.0	312	"		5	"	"	"	Beginn 22:50 - 10/751 *
19	"	"	23:30	74° 21.25	35° 29.72	1427	8.0	203	HPV-D		5	0.13	"	"	Station
"	"	"	24:00	74° 21.39	35° 24.94	1472	8.0	44	"		5	"	"	"	rolle gewechselt

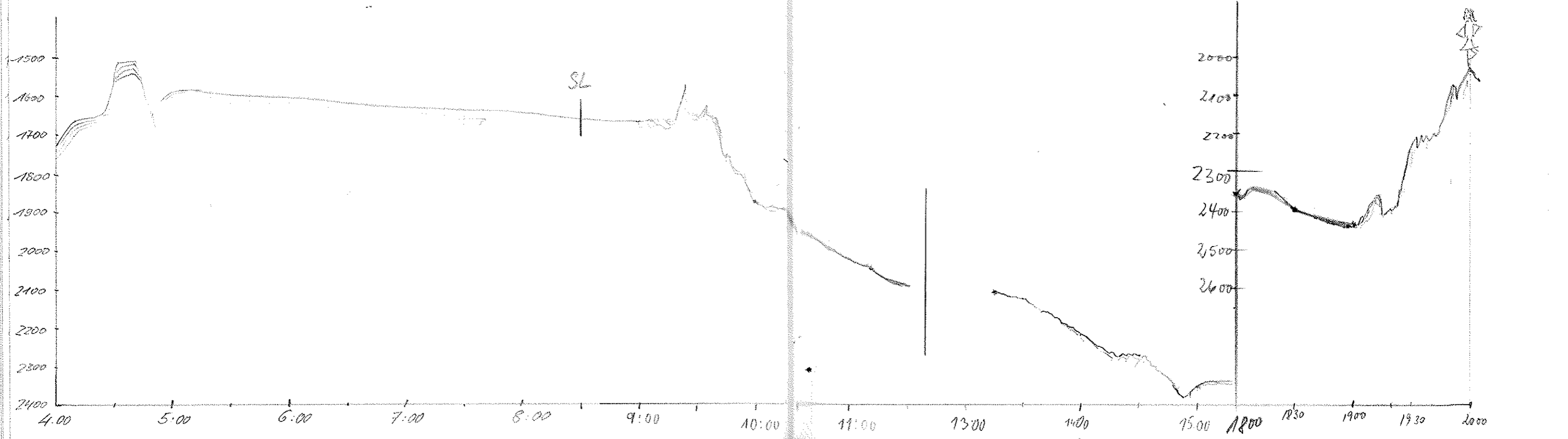
34.810.8



Roll	Profile	DATE	TIME	LAT [S]	LONG [W]	Depth	Speed	Course	Trigger	SWEEP	DELAY	PULSELENGTH	Recording	Remarks	155
19		11.02.87	01:03	74° 20,18	35° 29,53	1530	5.1	319.9	KK-P	5	0,13	1	KRAUSE	Emob 0140 bei 74° 19,65 S 35° 30,07 W	
	10/754	11.02.87	10:40	74° 17,76	35° 30,30	1666	1.7	253	"	5	0,13	1	10. Hauerweg		
	"	"	10:50	17,72	30,53	1570	0,3	"	"	"	"	"	"	Station 10/755	
	10/756	"	11:55	17,13	29,48	1694	1,5	90	"	"	"	"	"		
	"	"	12:00	17,16	29,21	1703	1,7	311	"	"	0,00	"	"	Stütz 0,00 nach 1500-1875 11.28.87 Prof. 10/760 Sat 10/757	
	"	"	11:30	74° 15,82	35° 30,11	1782	2,0	19	"	"	"	"	Plot		
	Std 10/757	"	13:00	74° 15,07	35° 29,37	1791	0,9	78	"	"	"	"	"		
	"	"	13:30	74° 15,20	35° 29,76	1792	0,9	70	"	"	"	"	"		
	"	"	14:00	74° 14,72	35° 28,59	1809	0,6	33	"	"	"	"	"		
	"	"	14:34	74° 14,81	35° 28,94	1817	0,7	28	"	"	"	"	"		
	"	"	15:03	74° 14,69	35° 28,72	1821	0,5	42	"	"	"	"	"		
	"	"	15:32	74° 14,64	35° 29,07	1823	0,8	71	"	"	"	"	"		
	"	"	16:00	74° 14,63	35° 29,96	1831	0,5	33	"	"	"	"	"	Um 16:00 3,5 g/m abgestellt	
19	10/759	11.02.87	18:02	74° 22,47	35° 20,15	1925	3,6	12,6	KP	2	0,00	1	Leuch	Basin 10/759	
"	"	"	18:30	74° 20,67	35° 30,96	1975	0,7	337,6	"	"	"	"	Karben	Prof. Ende, Start Station 10/760	
"	Station 10/760	"	19:30	74° 10,96	35° 29,56	1975	0,2	339,3	"	"	"	"	"		
19	10/761	11.07.87	22:18	74° 10,88	35° 28,74	1982	1,8	79,1	KP	2	0,13	1	Flü	Begin Profil 761	
	"	"	22:32	74° 10,43	35° 29,94	2000	3,5	277,8	"	"	"	"	"		
	"	"	23:11	74° 10,41	35° 38,34	1996	6,0	273,8	"	"	"	"	"		
	"	"	23:50	74° 10,81	35° 47,02	1983	3,8	226,7	"	"	"	"	"		
19	10/761	12.02.87	00:00	74° 10,83	35° 43,98	1975	3,6	276	"	"	"	"	KRAUSE		
"	"	"	00:30	11,56	47,25	1942	1,7	225	"	"	"	"	"		
"	"	"	01:01	11,51	47,25	1944	1,1	224	"	"	"	"	"		
"	"	"	01:31	11,56	47,27	1945	1,1	36	"	"	"	"	"		
"	"	"	02:10	11,59	47,70	1942	8,1	210	"	"	"	"	"		
"	"	"	02:30	11,07	53,05	1898	8,7	143	"	"	"	"	"		
"	"	"	03:00	13,35	36° 02,95	1882	7,4	291	"	"	"	"	"		
"	"	"	03:30	12,17	13,53	1835	6,2	275	"	"	"	"	"		
"	"	"	04:00	10,93	14,75	1745	2,9	200,7	KP	2	0,25	"	"		
"	"	"	4:11	10,78	26,36	1666	3,7	303,7	KPK-P	5	0,00	"	Niederjasp		

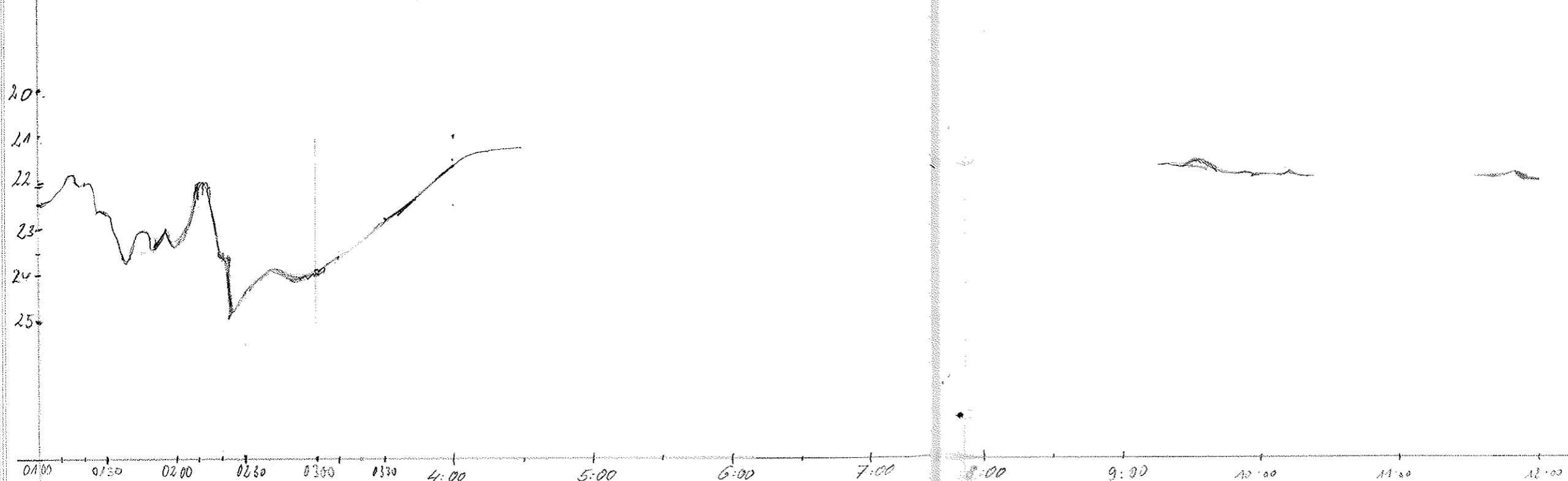


ROLL	PROFILE	DATE	TIME	LAT S	LONG W	DEPTH	SPEED	COURSE	TRIGGER	SWEEP	DELAY	PULSE LENGTH	RECORDING	REMARKS
19	10/761	12.2.87	4:43	74° 10.63	36° 35.57	1558	-0.8	230.4	KPK-P	5	0.00	1.	Niederjasppe	
"	"	"	5:00	10.92	36.27	1590	3.7	64.8	"	"	"	"	"	
"	"	"	5:08	10.97	34.83	1594	-0.2	59.5	"	"	"	"	"	Ende Profil 10/761
19	10/765	12.02.87	9:00	74° 10.45	36° 35.88	1669	0.1	32.4	"	"	"	"	"	Anfang Profil 10/763
			9:10	74° 10.42	36° 35.94	1660	0.6	44.5	"	"	"	"	"	
			9:30	74° 10.52	36° 33.66	1641	4.2	69.5	"	"	"	"	"	
			10:02	74° 11.23	36° 09.84	1880	14.3	104.8	KP	2	0.13	"	"	
			10:31	74° 10.63	35° 52.84	1946	10.2	44.3	"	"	"	"	"	
			10:57	74° 09.81	35° 41.24	1946	5.4	43.0	"	"	"	"	"	
			11:16	74° 08.37	35° 33.20	2072	10.9	69.7	"	"	0.00	"	"	
			11:33	74° 08.10	35° 29.66	2094	0.8	54.5	"	"	"	"	"	Station
"	Station 10/764	"	13:00	74° 07.33	35° 26.75	2106	0.7	42.5	"	"	"	"	"	
"	10/765	"	13:18	74° 07.44	35° 27.58	2117	0.4	47.3	"	"	"	"	"	Anfang Profil 10/765
"	"	"	13:30	74° 07.24	35° 27.29	2139	2.2	46.8	"	"	"	"	"	
"	"	"	14:00	74° 04.28	35° 19.64	2220	3.8	3.6	KPKP-	5	0.25	"	"	
"	"	"	14:30	74° 02.13	35° 13.71	2282	7.9	19.2	"	"	"	"	"	
"	"	"	15:00	73° 59.34	35° 11.42	2355	7.7	740.3	"	"	"	"	"	Ende Profil 15:06
"	Station 10/766	"	15:13	73° 59.76	35° 09.77	2336	0.7	284.3	"	"	"	"	"	Anf. Station 10/766
"	Profil 10/767	"	18:08	73° 59.34	35° 07.47	2349	4.8	263	"	"	"	"	"	ST. 10/766 ENDE 1754 UTC
"	"	"	18:30	58.50	15.50	2394	6.7	299	"	"	0.00	"	"	Prof. 10/767 STA. 1 18 06 UTC
"	"	"	19:00	56.78	26.15	2430	8.3	294	"	"	"	"	"	Anfallender Peak 1910
"	"	"	19:30	57.54	36.09	2306	4.7	322	"	"	0.25	"	"	Anfallender Peak 1930
"	"	"	20:00	57.40	43.48	2035	9.9	253	"	"	0.38	"	"	
"	"	"	20:30	58.65	57.53	2042	6.5	20.4	"	"	"	"	"	folat
"	"	"	21:00	58.47	56.98	2107	0.8	83	"	"	"	"	"	
"	"	"	21:30	57.54	54.96	2192	0.6	36	"	"	"	"	"	Station
"	10/769	"	23:30	58.33	55.23	2055	0.1	140	"	"	"	"	"	Ende Station
"	"	"	00:00	57.95	46.13	2040	9.2	51	"	"	"	"	"	
"	"	"	00:30	57.42	31.49	2325	8.2	136	"	"	0.13	"	"	0.44 Ende 1-2 Start 2-3

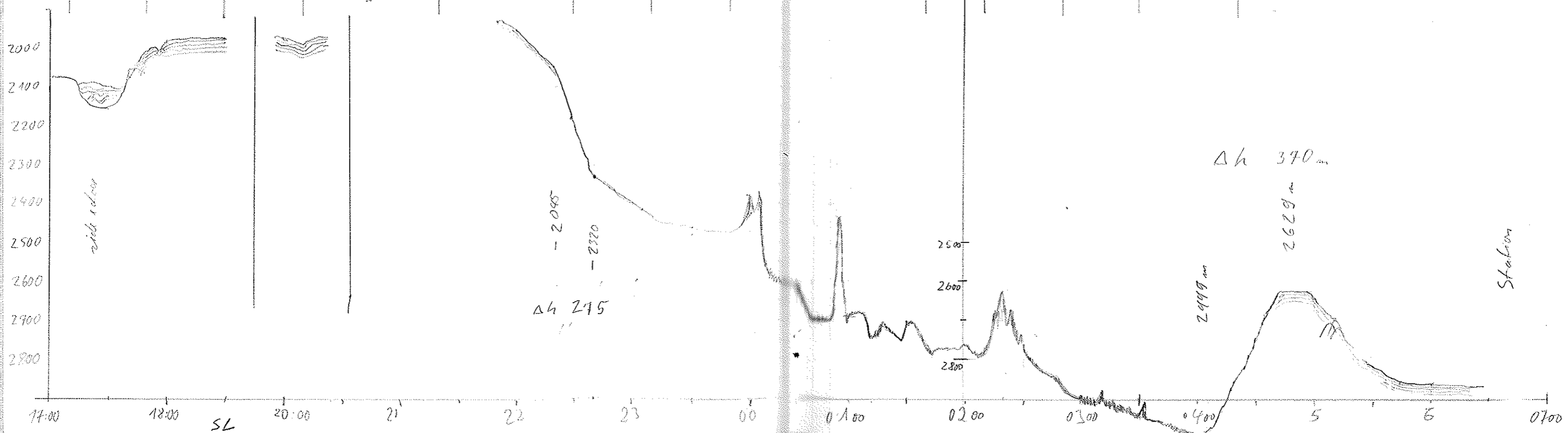


Roll	Profile	Date	Time	Lat S	Long. W	DEPTH	Comp. SPEED	Comp. Count	TRIGGER	SWEEP	DELAY	Pulse Length	Recording	Remarks
19	10/769	13.2.84	01:00	73° 56,56'	35° 31,13'	2254	1.3	178	HPKP---	5	0,25	1	ARFUSE	Eisfahrt
"	"	"	01:36	53,21	87,33	2289	11,3	28	"	"	"	"	"	"
"	"	"	01:41	52,07	25,30	2354	7,1	74	"	"	"	"	"	ENDE 2-3 START 3-4
"	"	"	01:57	52,39	24,31	2295	5,6	1435	"	"	"	"	"	ENDE 3-4 START 4-5
"	"	"	02:30	56,01	24,95	2437	9,0	151	"	"	0,00	"	"	0200-0220 auf. Kuppe
"	"	"	03:00	59,39	28,86	2384	4,6	144	"	"	0,00	"	"	"
"	"	"	03:07	59,87	16,92	2359	7,5	120	"	"	"	"	"	ENDE 4-5 START 5-6
"	"	"	03:30	74° 01,61	25,76	2284	7,9	194,1	"	"	"	"	"	"
"	"	"	03:55	05,31	34,43	2178	7,5	232	"	"	"	"	"	ENDE 5-6 START 6-7
"	"	"	04:00	74° 05,61	35° 35,85	2161	7,3	234,9	"	"	"	"	"	"
"	"	"	4:15	06,26	41,57	2137	4,9	228,3	"	"	"	"	"	"
"	"	"	4:33	6,35	42,69	2123	0,0	144,1	"	"	"	"	Niederjasper	Ende Profil, St 10/770
"	"	"	7:37	5,27	40,05	2163	0,4	90,7	"	"	"	"	"	Ende 770 7:28, Anker 771
"	Stat. 10/771	"	7:57	5,35	42,86	2168	0,8	173,5	"	"	"	"	"	Station 10/771 Ende 9:03
"	"	"	9:23	5,51	44,30	2162	0,4	189	"	"	0,25	"	Hennet-	Ende Station 10/771
"	Profil	"	9:31	5,56	43,41	2154	2,9	87	"	"	"	"	"	"
"	"	"	10:00	4,63	42,88	2195	2,4	164	"	"	"	"	"	"
"	Station 10/772	"	10:25	4,69	43,06	2194	0,4	233	"	"	"	"	"	CTD im Wasser
"	"	"	10:30	4,71	43,17	2192	0,5	235	"	"	"	"	"	3,5 kHz OFF
"	"	"	11:00	4,70	42,65	2188	0,4	212	"	"	"	"	"	3,5 kHz ON
"	"	"	11:140	4,92	42,75	2183	0,1	218	"	"	"	"	"	CTD aus Wasser, Anfang Profil
"	Profil	"	12:00	4,19	43,91	2196	4,5	332	"	"	"	"	"	"
"	"	"	12:30	3,22	45,30	2199	2,6	186	"	"	"	"	"	"
"	"	"	13:00	4,53	43,66	2194	5,4	12	"	"	"	"	"	"
"	"	"	13:30	3,80	45,48	2194	-0,1	33	"	"	"	"	"	CTD - Station 773
"	"	"	14:00	3,78	45,40	2197	-0,1	59	"	"	"	"	"	"
"	"	"	14:30	3,28	44,14	2199	-0,3	73	"	"	"	"	"	"
"	"	"	15:00	3,80	44,24	2200	2,3	281	"	"	"	"	"	Fehlert 2. n. d. Stat. 0 km
"	"	"	15:30	3,76	47,91	2052	-0,9	78	HP---	2	0,0	1	"	CTD - Station 774
"	"	"	16:00	3,46	47,72	2043	-0,1	81	"	"	"	"	"	"

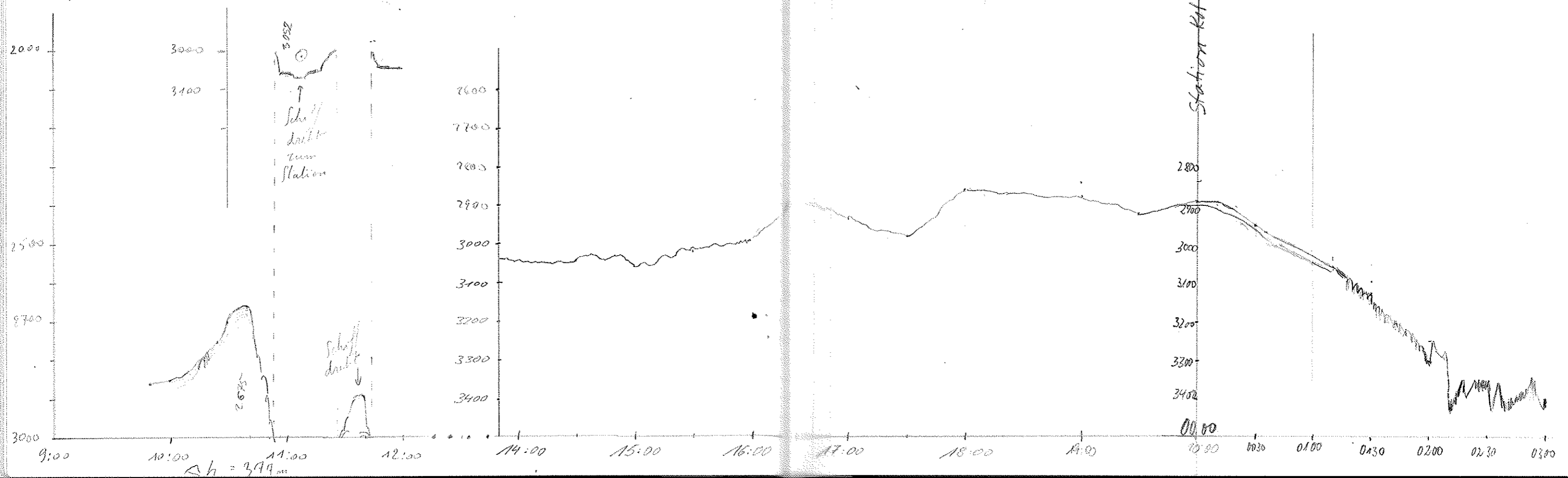
Wassertiefe unkorrigiert (NB20)
in Hektometern



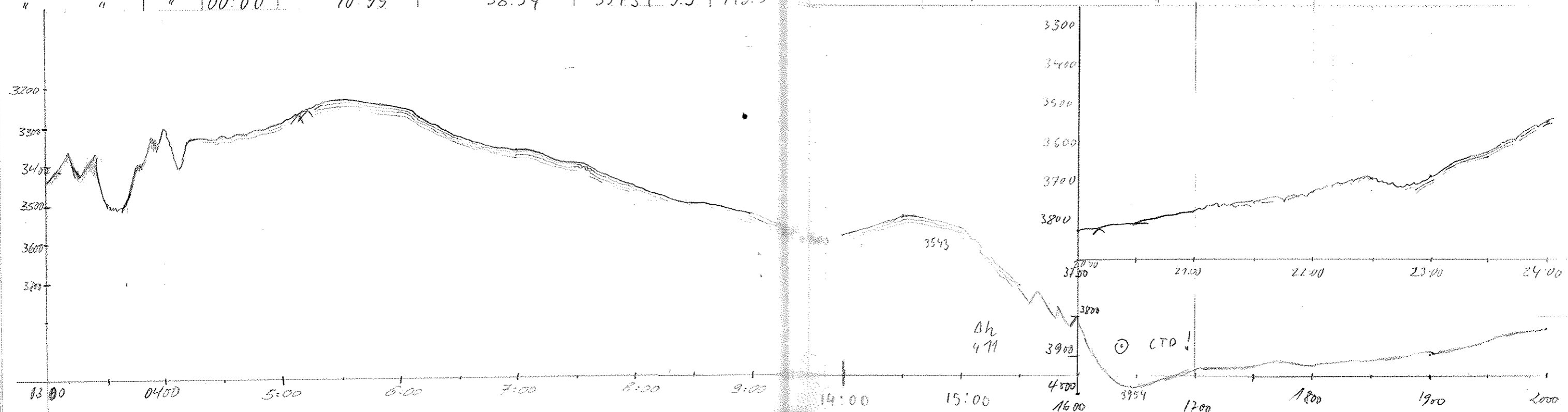
Roll	Profile	Date	Time	Lat. S	Long. W	Depth	Comp. Speed	Comp. Count	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
19	-	13.2.87	17:05	74° 03,56	35° 46,29	2097	0.3	185	KP	2	0.0	1	Kuchen	Ende Station 774 - Fahrt nach 775
"	-	"	17:30	74° 03,50	35° 45,10	2165	1.3	356	"	"	"	"	"	
"	-	"	18:00	74° 03,07	35° 48,07	2020	4.3	313	"	"	"	"	"	
"	-	"	18:30	74° 02,70	35° 49,60	1977	0	0	"	"	"	"	"	auf Station CTD 77/775, auch gut für SL
20	-	"	19:56	74° 03,04	35° 50,47	1960	2.8	354	"	"	"	"	"	Ende Station Papier und Schreibwaren gewahrt
"	-	"	20:25	74° 02,38	35° 52,73	1947	0.7	183	"	"	"	"	"	auf Station CTD 70/776
"	10/777	"	21:50	74° 02,76	35° 52,65	1939	1.5	227.7	"	"	"	"	Sella	Ende Station
"	"	"	22:00	74° 02,40	35° 52,11	1952	7.6	000	"	"	"	"	Johel	
"	"	"	22:30	73 59,96	41 42	2231	9.5	34.7	KPK	5	.13	"	Sella	
"	"	"	23:00	73 58,94	30 86	2364	5.0	33.5	"	"	"	"	"	
"	10/777	"	23:15	57:60	25 52	2412	8.1	1.8	KP --	2	.38	"	"	Neues Profil
"	"	"	23:30	55:96	24:23	2462	6.8	24.6	"	"	"	"	"	
"	"	"	00:00	53:71	21:82	2421	6.3	6.3	"	"	"	"	"	
20	10/777	14.02.87	00:30	73° 51,47	35° 12,03	2608	10.0	27	KP	2	0.38	1	KRAUSE	0057 extremer Peak ist mit auf ENDE 14 → 15 START 15 → 16) ^{geändert} worden
"	"	"	00:57	47,99	19, 11	2439	8,3	47,3	"	"	"	"	"	
"	"	"	01:30	46,36	14, 40	2690	3,5	45,4	"	"	0.13	1/6	"	kleiner Peak - schlechtes Echo auf Pulse P. 4
"	"	"	01:43	45,92	10, 64	2736	7,0	23,6	"	"	"	4	"	ENDE 15 → 16 START 16 → 17
"	"	"	02:00	44,32	09, 65	2764	4,3	-	"	"	"	"	"	
"	"	"	02:31	41, 11	17, 26	2757	7,7	27,2	"	"	"	"	"	
"	"	"	03:00	39, 60	02, 84	2886	8,5	31,2	"	"	"	"	"	
"	"	"	03:30	37, 09	05, 07	2935	5,2	35,1	"	"	"	"	"	
"	"	"	03:51	34, 98	04, 86	2971	6,6	64	K-P ---	3	0.38	4	"	ENDE 16 → 17 START 17 → 18 (03:49)
20	10/777	14.02.87	04:00	73° 34,38	35° 05,28	2905	4,9	308	K-P ---	3	0.38	4	KRAUSE	
"	"	"	4:34	32,90	12,39	2683	24	323	KP	2	"	"	Niederjäger	
"	"	"	5:00	31,63	15,99	2650	3,5	311,8	"	"	"	"	"	
"	"	"	5:10	30,95	18,81	2707	4,2	325,9	"	"	0.13	1.0	"	
"	"	"	5:30	29,54	24,34	2823	4,6	304,2	"	"	"	"	"	
"	"	"	5:44	29,40	25,52	2856	4,7	309,9	K-P	3	0.38	"	"	
"	"	"	5:59	28,88	27,87	2868	3,4	278,1	"	"	"	"	"	
"	-	"	6:26	28,88	31,13	2872	1,0	271,6	"	"	"	"	"	Station 10/778



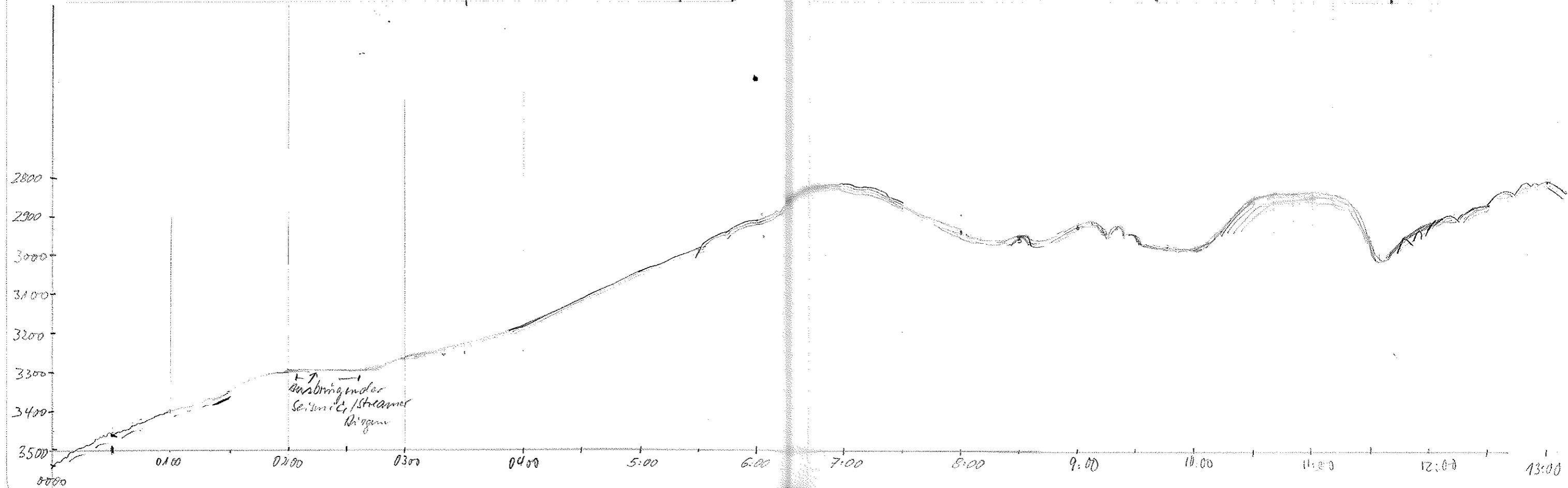
Roll	Profile	Date	Time	Lat S	Lon W	Depth	Speed	Heading	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
20	10/779	14.02.87	09:50	73° 29.57	35° 30.61	2860	0.2	186	K-P	3	0.38	1.0	Hervort	Schwerlot aus dem Wasser
"	"	"	10:00	29.90	30.97	2852	5.3	172	"	"	"	"	"	Start Profil 9.55. Seabeam on.
"	"	"	10:25	30.04	18.73	2753	9.8	89	KP	2	0.00	"	"	
"	"	"	10:30	29.87	16.53	2702	7.9	94	"	"	0.13	"	"	
"	"	"	11:00	29.43	00.82	3052	7.9	82	K-P	3	0.25	"	"	
"	Station	"	11:07	29.65	34° 58.90	3070	0.2	189	"	"	"	"	"	Seabeam OFF bei 2 knoten
"	"	"	11:15	29.67	58.87	3050	0.6	245	"	"	"	"	"	
"	"	"	11:20	29.72	59.61	3029	4.7	257	"	"	"	"	"	
"	"	"	11:30	29.86	35° 00.13	2995	1.8	264	"	"	"	"	"	3.5 kHz (para advance off) some minutes
"	"	"	11:40	29.92	1.17	2895	3.3	090	"	"	"	"	"	
"	"	"	11:50	29.92	34° 58.75	3048	1.2	113	"	"	"	"	"	
"	"	"	12:00	29.92	35° 02.14	3047	0.8	258	"	"	"	"	"	CTD ins Wasser 11.58, 3.5 kHz OFF 12:00
"	10/781	"	13:50	30.11	02.06	3043	-0.7	255.3	"	"	"	"	"	Niederjasper Ende Station, Start Profil
"	"	"	14:30	30.81	34° 50.77	3043	5.0	149	"	"	"	"	"	Umbau
"	"	"	15:00	29.95	35.48	3066	10.4	64	"	"	"	"	"	
"	"	"	15:30	30.57	78.94	3034	11.0	77	"	"	"	"	"	
"	"	"	16:00	30.27	02.67	2965	10.3	102	"	"	"	"	"	
"	10/779	"	16:30	31.41	33° 45.05	2901	9.5	94	"	"	"	"	"	folat
"	"	"	17:00	29.85	33° 29.86	2937	12.0	83	"	"	"	"	"	
"	"	"	17:30	29.52	06.78	2888	13.2	92	"	"	"	"	"	
"	"	"	18:00	29.81	32° 46.04	2863	9.3	78	"	"	"	"	"	
"	"	"	18:30	29.41	37° 38.50	2877	3.8	85	"	"	"	"	"	
"	"	"	19:00	28.60	32° 31.84	2880	7.5	100	"	"	"	"	"	
"	"	"	19:30	27.89	16.43	2926	13.2	114	"	"	"	"	"	
"	"	"	20:00	30.10	00.51	2891	3.3	70	"	"	"	"	"	
"	10/783	15.02.87	00:17	73° 29.95	32° 00.89	2892	0.9	253	"	"	"	"	"	Ende Profil Start Station 10/782
"	"	"	00:32	28.17	00.87	2936	10.2	15.6	"	"	"	"	"	START Profil 10/783 1-2 (00.13)
"	"	"	01:00	23.37	31° 55.54	3031	19.5	16.3	"	"	"	"	"	
"	"	"	01:31	18.86	50.09	3103	10.7	19.1	"	"	"	"	"	Plünnenartige regelmäßige Strukturen
"	"	"	02:00	13.46	43.83	3306	10.7	16.9	"	"	"	"	"	
"	"	"	02:30	08.74	39.92	3372	10.6	17.0	KP	2	0.17	1	"	
20	10/783	15.02.87	03:00	73° 03.71	31° 35.20	3394	10.3	14	KP	2	0.13	1	"	



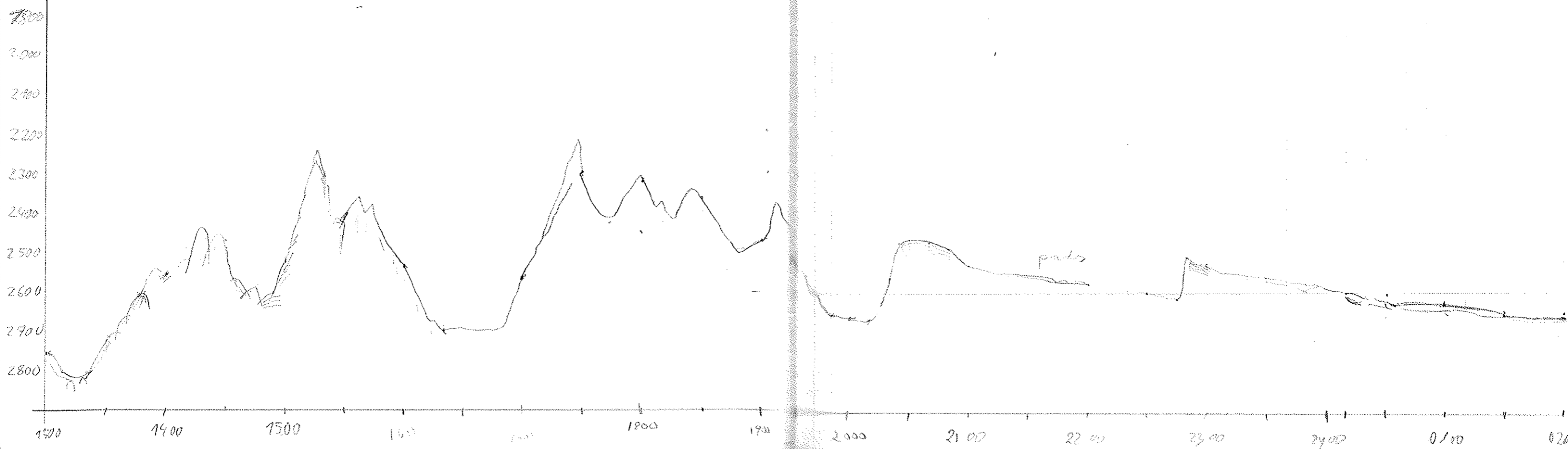
Roll	Profile	Date	Time	Lat [S]	Long. [W]	Depth	Comp. Speed	Comp. Course	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks	
20	10/782	15.02.	03:33	72° 58,69'	31° 28,67'	3481	9,1	23	NP-----	2	0,13	1	KRUSE	Schönen Sonntag!	
20	10/783	15.02.	04:00	72° 55,70'	31° 23,73'	3313	3,2	97,9	NP-----	2	0,13	4	KRUSE		
"	"	"	4:30	52,93	19,41	3330	6,3	8,0	NP	2	0,13	1	Niederjaser		
"	"	"	5:00	49,57	16,83	3295	8,7	14,1	"	"	"	"	"		
"	"	"	5:30	45,92	13,87	3230	6,0	14	"	"	"	"	"		
"	"	"	6:00	42,72	14,39	3255	7,6	16,5	"	"	"	"	"		
"	"	"	6:37	39,20	11,54	3337	7,4	31,7	"	"	"	"	"		
"	"	"	7:00	35,98	08,24	3367	8,1	35,3	"	"	"	"	"		
"	"	"	7:31	34,93	03,90	3399	8,6	18,6	"	"	0,13	"	"		"
"	"	"	8:00	28,04	30° 59,94	3454	8,3	17,2	"	"	"	"	"		"
"	"	"	8:30	24,53	55,73	3511	5,9	49,6	"	"	"	"	"	"	
"	"	"	9:00	21,09	57,88	3540	8,4	20,5	"	"	"	"	"	"	
"	"	"	9:30	18,06	50,73	3587	0,5	106,8	"	"	0,00	"	"	Ende Profil 9:20, St. 10/784	
"	"	"	9:47	17,83	49,86	3585	0,2	131,9	"	"	"	"	"	Stand by	
20	10/785	15.02	14:05	72° 17,02	30° 49,50	3599	0,6	52,8	NP	2	0,00	1	ke	Anfang Profil 14:05 10/785	
"	"	"	14:47	72° 20,88	30° 39,18	3543	10,3	148	"	"	"	"	feld		
"	"	"	15:00	22,68	36,43	3576	9,7	196	"	"	"	"	"		
"	"	"	15:30	26,37	28,37	3720	6,2	709	"	3	0,13	"	"		
"	"	"	16:00	28,72	26,53	3830	7,3	176	"	"	"	"	KRUSE	Eisfahrt	
"	"	"	16:33	33,01	14,01	3954	9,0	145,6	"	"	"	"	"		
"	"	"	17:00	35,35	08,14	3931	7,7	113,2	"	"	"	"	"		
"	"	"	17:30	37,60	03,24	3925	7,5	127,3	"	"	"	"	"		
"	"	"	18:00	38,51	29° 57,84	3935	4,1	140	"	"	"	"	"		
"	"	"	18:30	40,35	52,51	3908	2	193,2	"	"	"	"	"		
"	"	"	19:00	41,82	51,41	3880	3,2	119,4	"	"	"	"	"		
"	"	"	19:31	43,54	48,17	3851	4,4	151,7	"	"	"	"	"		
20	10/785	15.02	20:01	72° 45,63	29° 45,64	3832	4,8	196,2	"	"	"	"	"		
"	"	"	20:38	48,35	40,07	3810	7,0	197,2	"	"	"	"	"		
"	"	"	21:01	50,87	39,92	3749	11,3	157,9	"	"	"	"	"		
"	"	"	21:30	54,54	32,68	3757	7,4	125,5	"	"	"	"	"		
"	"	"	22:00	57,49	22,47	3730	10,5	157,2	"	"	"	"	"		
"	"	"	22:30	73° 00,84	10,44	3698	9,5	709,7	"	"	"	"	"		
"	"	"	23:00	03,40	28° 59,52	3696	6,8	125,7	"	"	"	"	"		
"	"	"	23:30	07,00	48,67	3634	10,0	146,8	"	"	0,38	"	"		
"	"	"	00:00	10,95	38,54	3543	9,9	143,5	"	"	"	"	"		



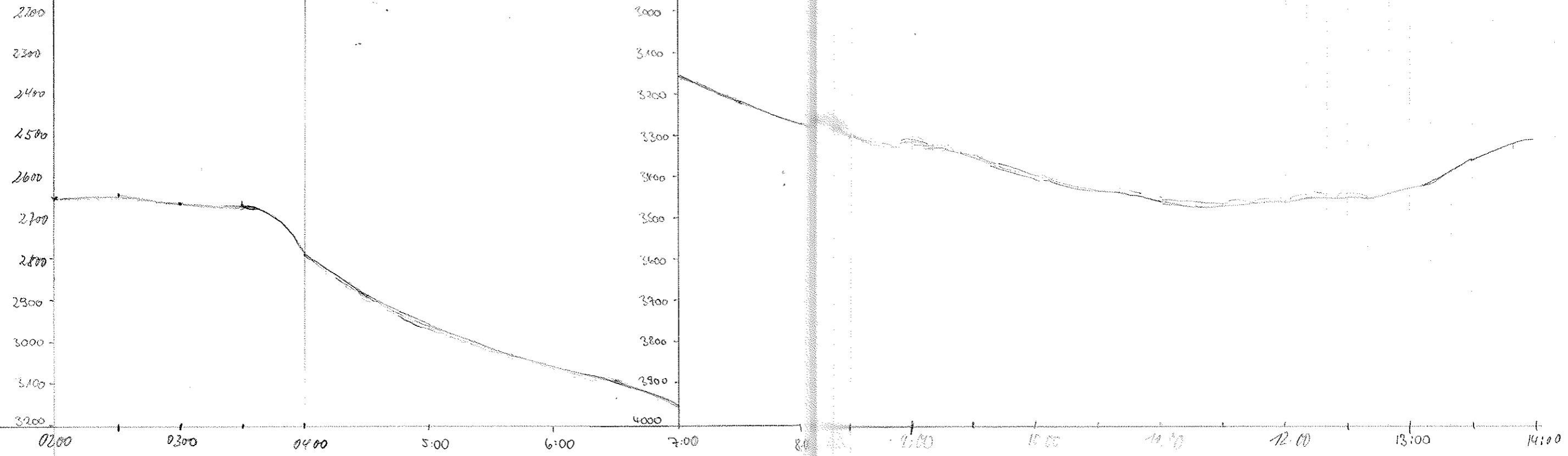
Roll	Profile	Date	Time	Lat [S]	Long W	Depth	Comp. Spud	Con. Core	Trigger	Sweeps	Delay	Pulse length	Recording	Remarks
20	10/785	10.07.87	00:32	73° 15.24'	28° 30.76'	3464	8.7	149		2	0.25	1	HRQUSE	nach 4 Wochen
"	"	"	01:01	18.23	21.83	3401	9.5	165.8	"	"	"	"	"	
"	"	"	01:30	21.80	15.45	3343	10.2	145.2	"	"	"	"	"	
"	"	"	02:00.00	23.92	10.02	3296	11.4	143.5	"	"	"	"	"	
"	"	"	03:05	25.94	03.72	3257	5.0	141	"	"	"	"	"	
"	"	"	03:31	27.69	27.58.53	3219	5.3	138.1	"	"	"	"	"	
"	"	"	04:00	73° 29.70'	27.53.37	3173	5.1	139	Co-P	3	0.00	"	"	
"	"	"	4:30	31.76	48.02	3107	5.1	142.4	Co-P	3	0.00	"	Niederjaspel	
"	"	"	5:00	33.77	43.43	3046	4.9	140.4	"	"	.25	"	"	
"	"	"	5:30	35.77	37.69	2984	5.0	139.0	"	"	"	"	"	
"	"	"	6:00	37.66	32.71	2907	4.8	139.2	"	"	"	"	"	
"	"	"	6:30	39.42	26.94	2837	4.7	141.0	Co-P	2	0.00	"	"	
"	"	"	7:00	42.02	21.82	2815	5.3	135.0	"	"	"	"	"	
"	"	"	7:30	44.29	17.00	2866	4.9	135.0	"	"	"	"	"	
"	"	"	8:00	73° 46.24'	27° 11.35'	2940	4.5	134.4	"	"	"	"	"	
"	"	"	8:10	47.78	04.63	2955	4.4	134.2	"	"	"	"	"	
"	"	"	9:03	73° 50.10'	26° 58.45'	2929	4.5	142.5	"	"	"	"	"	
"	"	"	9:41	52.88	51.74	2971	4.7	141.7	"	"	"	"	"	
"	"	"	9:46	52.26	50.73	2985	4.6	141.9	Co-P	3	0.38	1	"	
"	"	"	10:00	54.20	48.28	2982	4.7	142.4	"	"	"	"	"	
"	"	"	10:30	56.17	43.22	2899	4.6	140.4	"	"	"	"	"	
"	"	"	11:04	58.39	37.21	2842	3.6	143.8	"	"	"	"	"	
"	"	"	11:29	73° 59.45'	26° 34.34'	2858	4.6	142.3	"	"	"	"	"	
29	"	"	11:45	74° 04.00'	26° 30.12'	2951	4.5	143.5	"	"	"	"	"	
"	"	"	11:59	01.91	27.65	2908	5.1	143.2	"	"	"	"	"	
"	"	"	12:30	64.75	21.56	2855	5.0	143.6	"	"	"	"	"	
"	"	"	13:00	06.08	16.33	2959	4.7	143.0	Co-P	2	0.00	"	"	



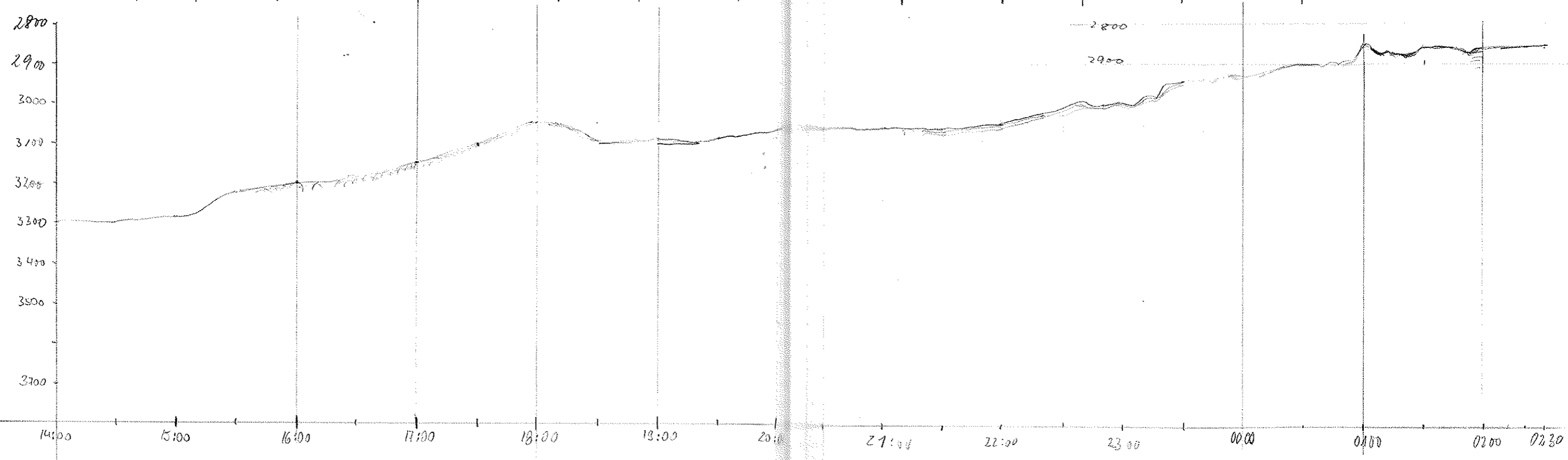
Roll	Profile	Date	Time	Lat S	Lon W	Depth	Comp. Speed	Comp. Const.	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
21	10/785	16.287	13:30	74° 08.15'	26° 09.95'	2713	5.3	142.2	KP	2	0.0	1	Karlen	
"	"	"	13:46	09.29'	06.69'	2622	5.3	142.7	KP	2	0.25	"	"	
"	"	"	14:00	10.29'	03.83'	2555	5.5	147.	KP	2	0.25	"	"	
"	"	"	14:28	12.08'	25° 54.80'	2486	5.3	143.5	"	"	0.38	"	"	Ende Profil 2-3 Drehkreis
"	"	"	14:56	11.48'	26° 04.25'	2523	5.8	220.5	"	"	"	"	"	Beginn 4-5
"	"	"	15:20	12.75'	08.05'	2304	5.5	241.7	KPKP-	5	0.25	"	"	
"	"	"	15:28	13.07'	10.25'	2477	5.0	240.8	"	"	0.00	"	"	
"	"	"	16:02	14.39	18.65	2538	5.0	240.8	"	"	"	"	Bullistern	
"	"	"	16:23	15.33	24.64	2651	5.0	244.5	KP	2	.13	"	"	
"	"	"	16:30	15.54	26.22	2642	5.1	244.2	"	"	"	"	"	
"	"	"	17:00		34.56	2564	5.2	242.3	"	"	"	"	"	
"	"	"	17:23	17:32	26° 40.69	2187	5.1	242.1	KPKP	5	.38	"	"	
"	"	"	17:30	17.69	42.76	2298	5.2	241.8	"	"	"	"	"	
"	"	"	17:35	17.90	44.41	2405	5.2	241.9	KPKP	5	.00	"	"	
"	"	"	18:00	18.77	57.24	2379	4.3	244.5	"	"	"	"	"	
"	"	"	18:31	19.89	59.98	2363	5.4	237.4	"	"	"	"	"	Ende profile 4-5
"	"	"	19:00	21.07	59.78	2473	3.9	6.9	"	"	"	"	"	Beginnen Profile
"	"	"	19:19	19.62	27° 00.47	2450	4.5	326.7	"	"	"	"	"	
"	"	"	19:30	18.95	02.42	2513	4.5	321.1	"	"	"	"	"	
"	"	"	19:49	17.84	06.00	2646	4.3	323.3	KP	2	.25	"	"	
"	"	"	20:00	17.49	07.75	2660	4.5	323.0	"	"	"	"	"	
"	"	"	21:00	13.41	18.88	2598	5.1	325.0	"	"	"	"	Loeff	
"	"	"	21:31	10.85	25.17	2565	5.2	323.1	"	"	"	"	"	
"	"	"	22:00	09.04	30.20	2591	5.1	323.7	"	"	"	"	"	
"	"	"	22:30	08.30	35.45	2608	4.8	324.1	"	"	"	"	"	Blocke k. ton. k.?
"	"	"	23:00	04.85	40.07	2518	4.6	322.3	"	"	"	"	"	
"	"	"	24:00	74° 00.43	52.64	2596	5.2	322.1	"	"	"	"	"	
21	10/785	17.287	00:30	73° 58.77'	17° 58.92'	2611	4.9	320	"	"	"	"	KRÄUSE	0020-0030 Besonderheit in der Schichtung
"	"	"	01:03	55.46	28° 04.59	2628	5.3	318.9	"	"	"	"	"	
"	"	"	01:31	54.09	18.46	2641	5.2	319	"	"	"	"	"	
"	"	"	02:03	52.38	15.65	2650	4.9	322	"	"	"	"	"	



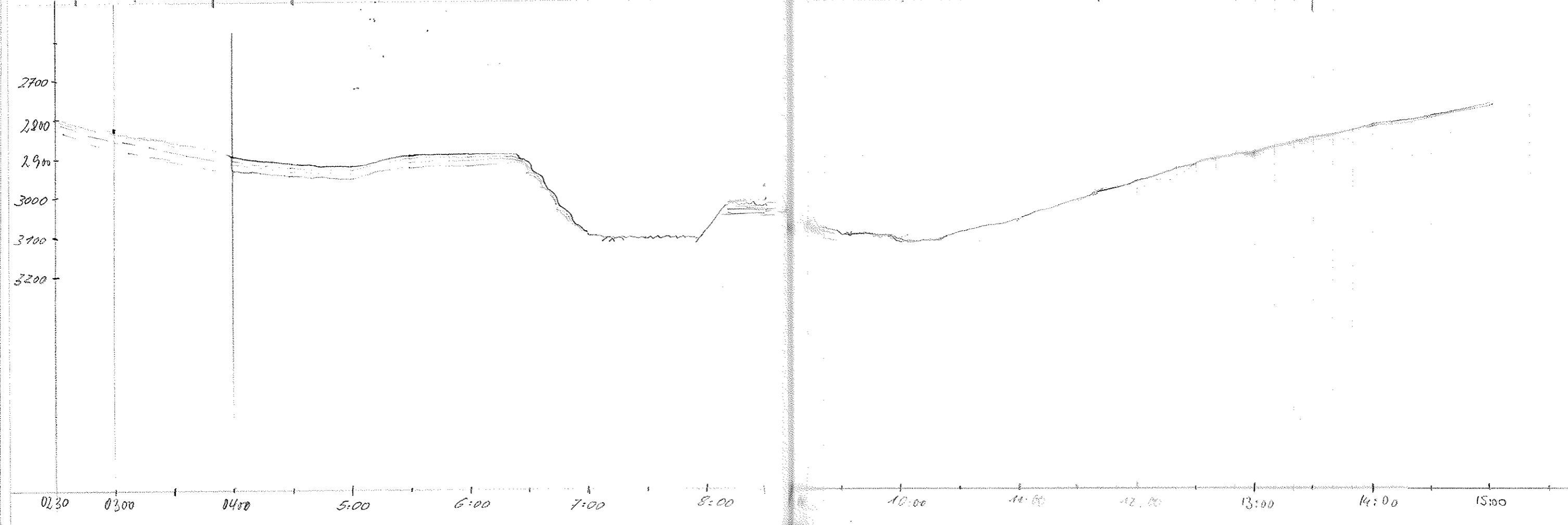
Roll	Profile	Date	Time	Latitude S	Longitude W	Depth	Computed Speed	Course	Trigger	Sweeps	Delay	Pulse length	Recording	Remarks
21	10/785	17.02.87	02:30	73° 50,51	28° 20,69	2647	5,0	323,1		2	0,25	1	KRAUSE	
"	"	"	03:00	48,56	25,59	2663	4,9	324,5		"	"	"	"	
"	"	"	03:31	46,57	31,05	2668	4,9	321,1		"	"	"	"	
21	10/785	17.02.87	04:00	73° 44,51	28° 36,30	2794	4,9	322,1		"	0,00	"	KRAUSE	
"	"	"	4:30	42,44	41,28	2881	4,7	323,9		"	"	"	Hain	
"	"	"	5:00	40,42	46,87	2952	5,0	320,3		3	0,25	"	"	
"	"	"	5:30	38,32	52,90	3008	4,8	320,6		"	"	"	"	
"	"	"	6:00	36,31	58,32	3050	4,8	322,4		"	"	"	"	
"	"	"	6:30	34,23	29° 03,81	3086	4,7	322,9		"	"	"	"	
"	"	"	7:00	32,36	10,03	3153	4,5	331,9		"	0,00	"	"	
"	"	"	7:30	30,56	14,82	3214	4,8	333,0		"	"	"	"	
"	"	"	8:00	28,55	18,49	3258	4,7	324,1		"	"	"	"	
"	"	"	8:31	26,57	25,23	3293	4,7	321,4		"	"	"	"	
"	"	"	9:02	24,57	10,21	3327	4,9	328,8	KP	2	0,25	1	Bayen	
"	"	"	9:31	22,31	34,57	3369	4,9	321,8		"	"	"	"	
"	"	"	10:02	20,31	39,45	3401	4,7	322,7		"	"	"	"	
"	"	"	10:31	18,54	45,98	3425	4,7	328,6		"	"	"	"	
"	"	"	11:02	16,35	51,28	3448	4,9	324,8		"	"	"	"	
"	"	"	11:10	73° 15,26	29° 52,73	3453	4,8	324,6		"	"	"	"	Profunde, water Regen auf
"	"	"	11:55	12,99	30° 03,69	3464	4,7	283,6		"	"	"	"	nördl. Linie
21	10/785	17.2.87	12:00	73° 13,92	30° 04,82	3459	4,6	280,8		2	0,25	1	Leus J.	
"	"	"	12:30	14,37	12,27	3449	4,7	221,8		"	"	"	"	
"	"	"	13:00	16,53	14,98	3411	4,7	187,9		"	"	"	"	
"	"	"	13:30	18,72	15,09	3357	4,5	170,0		"	"	"	"	
"	"	"	13:48	20,18	12,57	3334	4,8	147,7		"	"	"	"	Profil 7,8
"	"	"	14:00	20,94	10,98	3323	4,5	147,0		"	"	"	"	



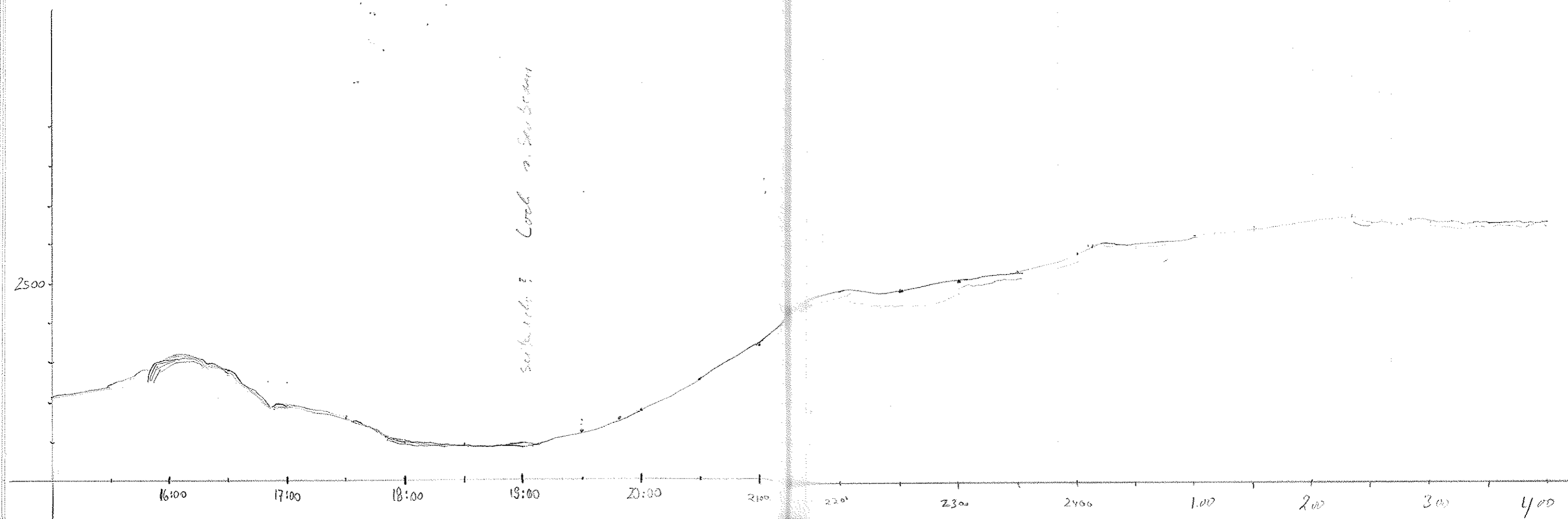
Roll	Profile	Date	Time	Latitude S	Longitude W	Depth	Speed	Cour	Trigg	Sweeps	Delay	Pulse length	Recording	Remarks
21	10/785	17.02.87	14:30	73° 23,22	30° 05,49	3288	5,3	143,	KP	2	0,25	1	Lensdr	
"	"	"	15:00	25,34	00,53	3282	5,1	143,	"	"	"	"	"	
"	"	"	15:30	27,32	29° 54,93	3236	4,9	139,	"	"	"	"	"	
2A	10/785	17.02.87	16:00	73° 29,06	29° 49,21	3200	5,3	141,	"	"	0,38	1	KRAUSE	
"	"	"	16:31	31,02	43,85	3170	4,6	145,	"	"	"	"	"	
"	"	"	17:00	32,87	38,89	3150	4,9	147,	K-P----	3	0,13	1	"	
"	"	"	17:27	34,67	34,75	3095	5,0	143,	"	"	"	"	"	ENDE Profil 7→8
"	"	"	18:00	36,49	35,42	3042	4,9	308	"	"	"	"	"	
"	"	"	18:33	34,69	34,44	3100	4,9	827	"	"	"	"	"	START Profil 8→9
"	"	"	19:03	35,00	25,86	3097	4,8	971	"	"	"	"	"	auffällige Strukturen
"	"	"	19:36	35,19	16,88	3084	5,0	1005	"	"	"	"	"	
2A	10/785	17.02.87	20:00	73 35,53	29 10,33	3071	5,1	100	K-P----	3	0,13	1	KRAUSE	
"	"	"	20:31	36,05	2,64	3057	4,7	96	"	"	"	"	Kahn	20:45 Schnittpunkt erreicht
"	"	"	21:00	36,28	28° 55,26	3057	4,5	97	"	"	"	"	"	
"	"	"	21:30	36,46	47,43	3057	4,5	98	"	"	"	"	"	
"	"	"	22:00	36,74	34,10	3048	4,6	98	"	"	"	"	"	
"	"	"	22:30	37,04	30,66	3022	4,8	97	"	"	"	"	"	
"	"	"	23:02	37,36	21,42	3000	4,8	97	"	"	"	"	"	
"	"	"	23:30	37,64	13,78	2949	4,7	107	"	"	0,38	"	"	
"	"	18.02.87	00:00	37,82	04,83	2929	4,9	98	"	"	"	"	"	
2A	10/785	18.02.87	00:30	73° 38,31	27° 55,78	2896	5,0	99	"	"	"	"	KRAUSE	Reflektoren 2-3 Echros bis ca 12-15 m
"	"	"	01:07	38,82	45,54	2856	5,0	98,1	"	"	"	"	"	
"	"	"	01:40	39,48	36,07	2844	4,6	91,5	"	"	"	"	"	Schwache Reflektoren bis ca 30m
"	"	"	02:00	39,51	30,33	2853	4,5	89,3	"	"	"	"	"	
"	"	"	02:11	73° 39,6	27° 27,0				Überlaufen					alten Punkt 2 nach GPS-Position



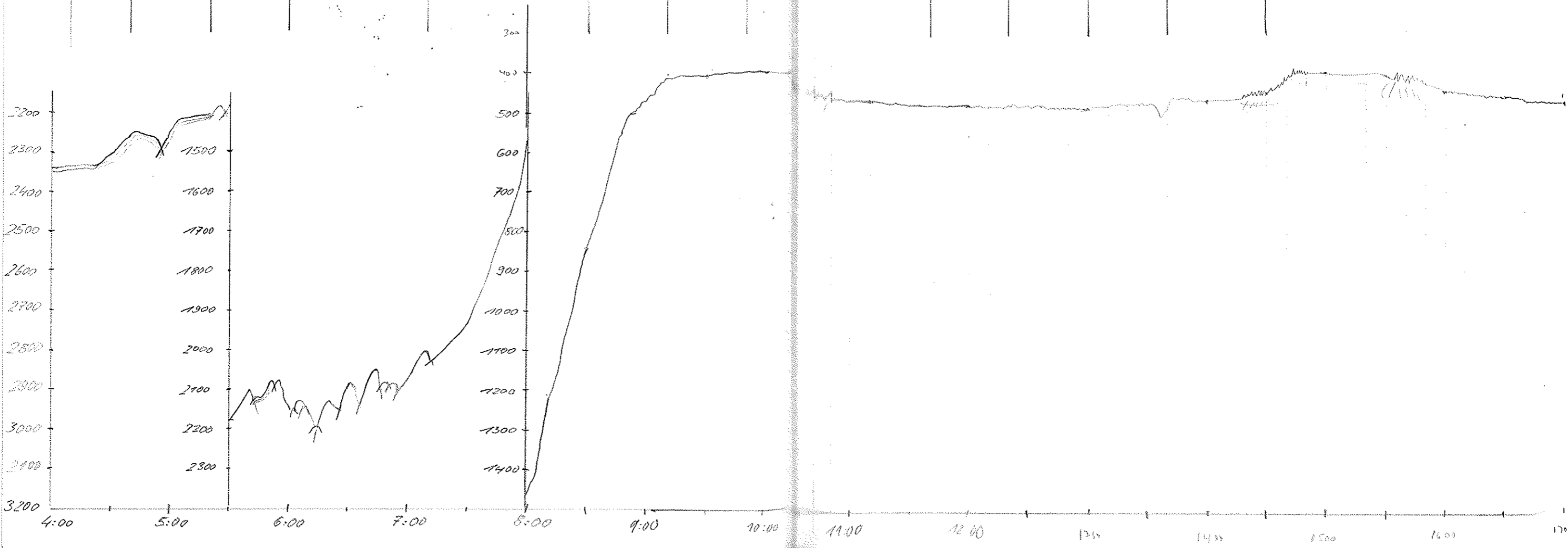
Roll	Profile	Date	Time	Latitude N	Longitude W	Water Depth (m)	Comp. Speed (km)	Comp. Course	Trigger	Sweep	Delay	Dist. length	Recording	Remarks
21	10/785	18.02.87	02:33	73° 39.77	27° 20.96	2856	4.7	94.6	K-P---	3	0.38	1	KRAUSE	
"	"	"	03:00	39.92	13.10	2865	5.0	95	"	"	"	"	"	
"	"	"	03:30	40.23	04.13	2868	4.7	99.1	"	"	"	"	"	
21	10/785	18.02.87	04:00	73° 40.56	26 55.60	2886	4.6	104.2	K-P---	3	0.38	1	KRAUSE	Ende 8/9 4:45
"	"	"	4:37	40.33	46.36	2915	4.7	5.3	K-P	"	"	"	Niederjager	
"	"	"	5:00	39.13	49.57	2920	4.5	276.1	"	"	"	"	"	
"	"	"	5:33	40.36	53.04	2895	5.0	150.4	"	"	"	"	"	Start 9/10 5:38
"	"	"	6:00	42.03	48.57	2894	4.8	147.2	"	"	"	"	"	
"	"	"	6:30	44.06	43.88	2915	4.5	147.4	"	"	"	"	"	
"	"	"	7:00	45.94	38.55	3030	4.9	152.3	"	"	0.00	"	"	
"	"	"	7:30	48.04	34.76	3106	4.7	145.8	"	"	"	"	"	
"	"	"	8:00	50.07	30.26	3083	5.0	149.5	"	"	"	"	"	
"	"	"	8:30	52.02	25.72	3022	4.8	146.5	"	"	"	"	"	
"	"	"	9:00	52.59	19.09	3049	4.4	63.8	"	"	"	"	"	Beginn Diablas etc. Becken
"	"	"	9:42	49.63	21.10	3084	5.2	287.9	"	"	"	"	"	ab 9:45 auf neuem Profektus
"	"	"	10:18	48.24	21.51	3104	5.2	282.7	"	"	"	"	"	
"	"	"	11:00	48.57	46.11	3056	4.8	285.4	"	"	"	"	"	
"	"	"	11:37	47.49	58.51	2995	2.1	277.3	"	"	0.38	1	"	
"	"	"	11:56	47.18	59.78	2969	5.3	281.8	"	"	"	"	"	
21	10/785	18.02.87	12:00	47.11	27° 00.91	2962	5.1	282.3	K-P	3	0.38	1	Krause	
"	"	"	12:30	46.98	10.67	2927	5.2	282.7	"	"	"	"	"	12:23 von Wegpunkt 2 nach 3
"	"	"	13:00	46.39	19.64	2895	5.2	282.5	"	"	"	"	"	
"	"	"	13:30	46.17	23.98	2866	4.8	282.8	"	"	"	"	"	
"	"	"	14:00	45.63	32.03	2840	4.8	283.6	"	"	"	"	"	
"	"	"	14:34	45.47	44.94	2805	5.0	284.6	"	"	"	"	"	
"	"	"	15:00	44.93	52.08	2785	5.0	285.2	"	"	"	"	"	



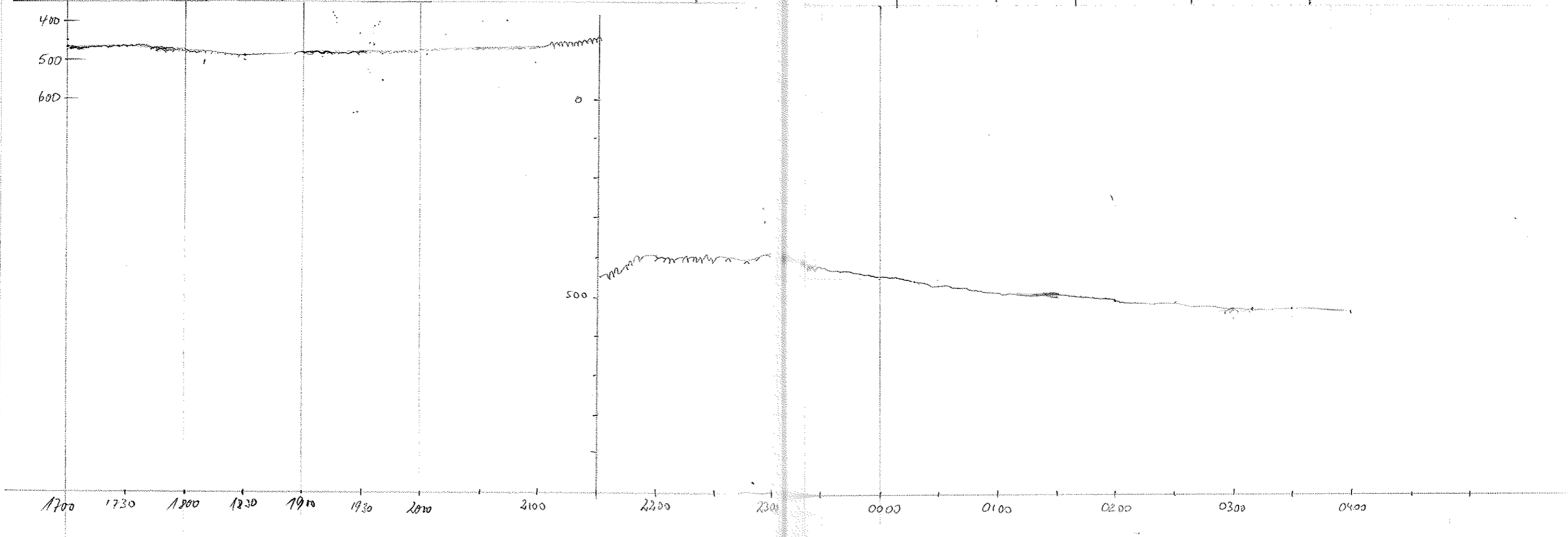
Roll	Profile	Date	Time	Latitude S	Longitude W	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
21	10/785	18.2.87	15:30	73° 44.65	28° 00.99	2761	4.9	285.5	K-P	3	0.38	1	Leucozo	
"	"	"	15:53	44.20	07.98	2721	4.8	285.3	KP	2	0.25	1	"	
"	"	"	16:31	43.65	18.52	2723	4.9	279.4	"	"	"	"	Kabin	
22	"	"	17:00	43.33	26.74	2803	4.3	278.7	"	"	0.0	"	"	Pagnies und Sechstränen gewidelt
"	"	"	17:30	42.97	35.80	2848	4.8	278.2	"	"	"	"	"	
"	"	"	17:49	42.74	41.25	2870	5.0	278.7	"	"	"	"	"	1747 abkr Pkt 4-75 über laufen
"	"	"	18:02	42.58	45.00	2886	4.8	278.4	"	"	"	"	"	(73°42.7 28°49.5)
"	"	"	18:30	42.27	53.34	2903	4.9	277.4	"	"	"	"	"	
"	"	"	18:51	41.92	59.86	2914	5.1	276.6	"	"	"	"	"	meines Profil
"	"	"	19:30	43.53	29° 08.65	2866	4.7	274.5	"	"	"	"	"	
"	"	"	19:41	44.31	08.55	2837	4.9	174.9	"	"	"	"	"	Profil 11-12
"	"	"	20:00	45.63	05.76	2813	4.9	148.9	"	"	"	"	Bullator	
"	"	"	20:30	47.63	01.53	2730	4.9	148.0	"	"	"	"	"	
"	"	"	21:00	49.66	28° 57.07	2647	4.6	146.3	"	"	"	"	"	
"	"	"	21:12	50.46	55.18	2588	4.5	146.1	"	"	0.38	"	"	
"	"	"	21:30	51.60	52.50	2565	4.8	146.9	"	"	"	"	"	
"	"	"	22:00	53.81	47.63	2519	4.7	146.2	"	"	"	"	"	
"	"	"	22:30	55.56	43.22	2507	4.8	147.1	"	"	"	"	"	
"	"	"	23:00	57.70	39.33	2486	4.9	147.3	"	"	"	"	"	
"	"	"	23:30	59.98	33.25	2466	5.0	147.5	"	"	"	"	"	
"	"	19.2.87	00:00	74° 02.02	28.51	2424	5.0	147.3	"	"	"	"	Loeff	
"	"	"	1.03	6.63	17.87	2373	5.1	144.0	"	"	"	"	"	
"	"	"	1.30	10.6	06.6	2353	5.2	141.8	KP-	5	0.25	"	"	INLAS-Anlage out of order
"	"	"	2.01	14.86	27° 56.08	2332	5.1	150.5	"	"	"	"	"	(Pos von B. J. K.)
"	"	"	3.00	19.05	46.02	2351	5.1	150.5	"	"	"	"	"	INLAS O.K.
"	"	"	4.00			2341	5.3	150.5	"	"	"	"	"	



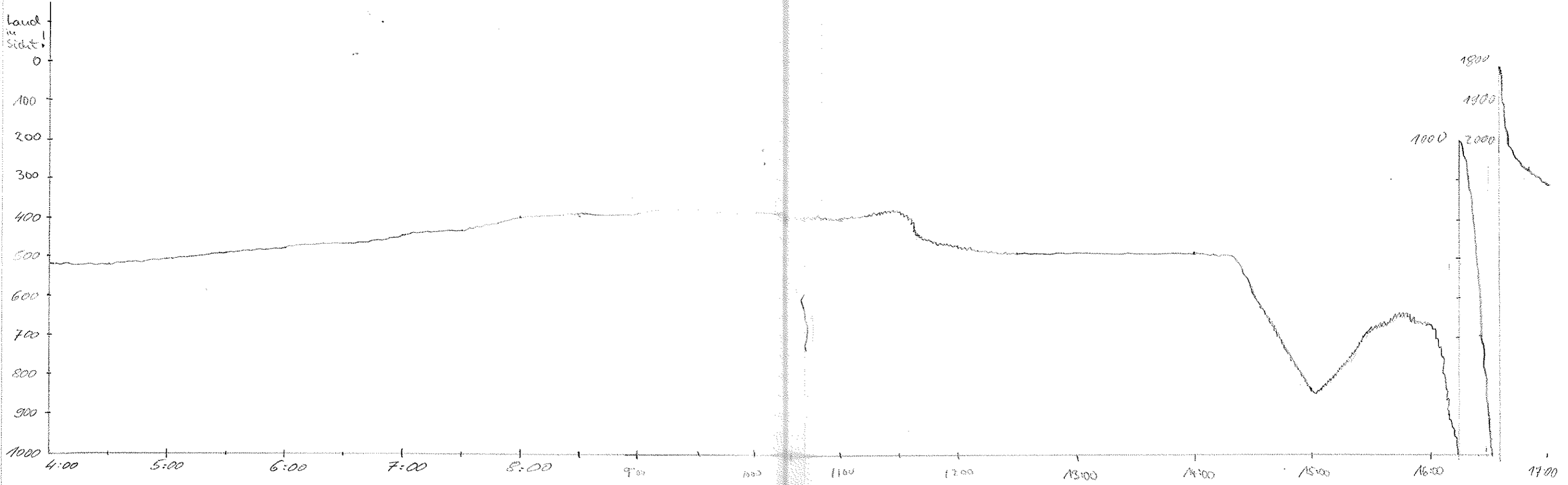
Roll	Profile	Date	Time	Latitude S	Longitude W	Depth	Speed	Course	Traeger	Sweeps	Delay	Pulse length	Recording	Remarks
22	10/783	10.2.87	4:30	74° 21.18	27° 41.45	2303	5.0	148.0	KPKP-	5	0.25	1.	Modex-japan	
"	"	"	5:00	23.73	36.65	2260	4.9	146.7	"	"	"	"	"	
"	"	"	5:30	25.23	32.44	2184	5.1	145.6	"	"	"	"	"	
"	"	"	6:00	27.47	28.19	2153	5.0	142.6	"	"	"	"	"	
"	"	"	6:30	29.44	22.32	2097	5.0	142.4	"	"	"	"	"	
"	"	"	6:33	29.58	37.90	2085	4.9	142.3	"	2	0.00	"	"	
"	"	"	7:09	31.88	15.21	2077	5.0	144.9	"	"	"	"	"	
"	"	"	7:30	33.35	11.65	1938	4.9	138.0	"	"	0.38	"	"	
"	"	"	7:53	35.19	07.96	1582	5.0	142.0	KPK - P	5	"	"	"	
"	"	"	8:10	36.31	04.86	1214	4.9	141.6	KP	2	0.38	"	Kishu	
"	"	"	8:28	37.40	01.14	841	4.8	134.5	K-P	3	0.38	"	"	
"	"	"	8:51	38.57	26° 56.28	500	1.6	138.9	KP	2	0.00	"	"	
"	"	"	9:30	39.61	55.31	403	1.6	140.0	"	"	"	"	"	
"	10/784	"	10:01	40.09	57.28	398	0.9	210	"	"	0.25	"	"	
"	"	"	10:31	49.49	27° 05.24	435	10.3	239	"	"	"	"	"	
"	"	"	11:10	46.26	29.59	468	11.1	232	"	"	"	"	"	
"	"	"	11:36	48.96	41.75	476	3.2	210	"	"	"	"	"	
"	"	"	12:00	48.47	40.71	479	6.2	232	"	"	"	"	"	
"	"	"	12:31	49.06	42.78	478	0.4	207	"	"	"	"	"	
"	10/785	"	13:00	49.02	54.12	482	9.6	236	"	"	"	"	Bullister	
"	"	"	13:30	50.72	28° 05.92	484	9.8	230.5	"	"	"	"	"	
"	"	"	14:00	54.27	20.13	461	10.7	230.5	"	"	"	"	"	
"	"	"	14:31	57.19	35.36	442	10.6	249.0	"	"	"	"	"	
"	"	"	15:00	58.96	45.35	393	2.9	67.6	"	"	"	"	"	
"	"	"	15:30	58.46	45.84	401	3.1	82.6	"	"	"	"	"	
"	"	"	16:00	57.94	38.59	434	2.6	164.8	"	"	"	"	"	Start profile obs 3-2
"	"	"	16:31	74 57.12	28 33.16	4479	4.3	81.2	"	"	"	"	TRAQUE	
"	"	"	17:00	55.37	26.12	465.7	4.6	58.5	"	"	"	"	"	



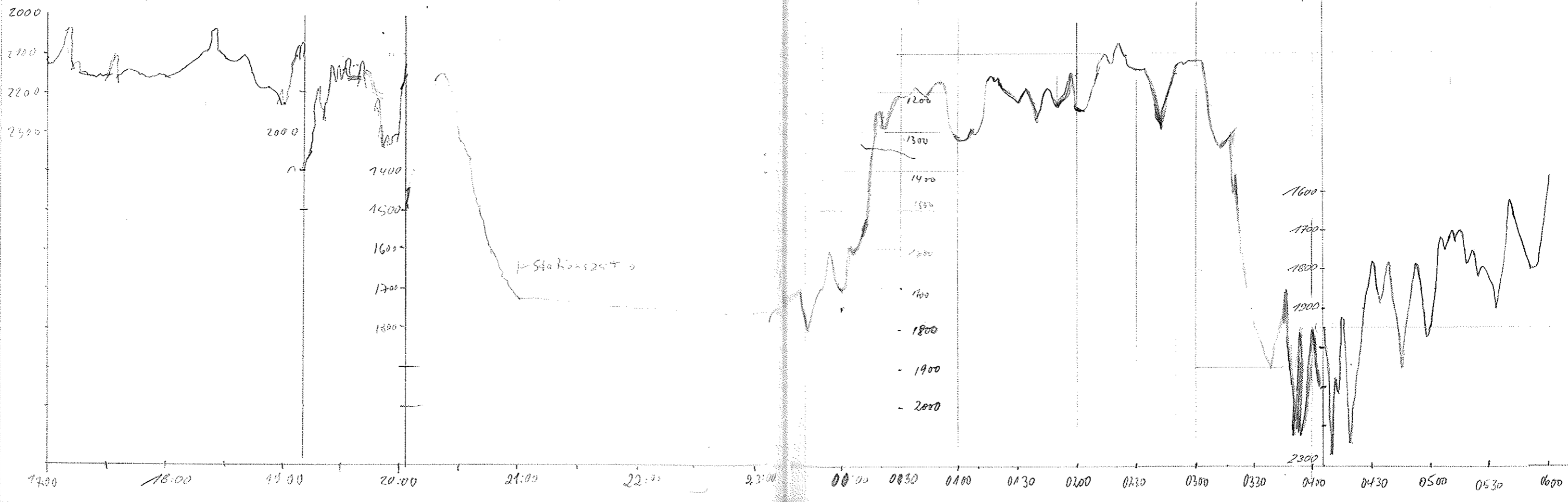
Roll Profile	Date	Time	Latitude	Longitude W	Depth	Comp. Speed	Comp. Course	Trigger	Sweeps	Delay	Pulse length	Recording	Remarks	
22	10/789	19.02.87	17:30	74° 54,19	28° 18,93	462	4,8	63,2	KP----	2	0,5	1/0,5	KRAUSE	
"	"	"	18:14	52,37	07,08	466	4,9	57,2	KP----	"	0,13	0,5	"	
"	"	"	18:30	51,26	04,13	484	4,8	56,2	"	"	"	"	"	Keine Oberflächenstrukturen
"	"	"	19:00	50,32	27° 54,95	477,8	5,4	55,7	"	"	"	"	"	
"	"	"	19:30	49,02	46,98	478,1	5,1	49,1	"	"	"	"	"	
22	10/789	19.02.87	20:00	74° 47,77	27° 40,21	475,5	4,5	52,5	KP	2	0,13	0,5	Leus	
"	"	"	20:30	46,61	32,01	469,2	4,9	57,8	"	"	"	"	"	
"	"	"	21:00	45,22	24,80	463,6	4,8	57,3	"	"	"	"	"	
"	"	"	21:30	44,00	17,35	442,3	5,0	54,0	"	"	"	"	"	
"	"	"	22:00	42,47	10,28	391,0	4,9	47,1	"	"	"	"	"	
"	"	"	22:30	41,07	02,90	402,7	4,8	56,5	"	"	"	"	"	
"	"	"	23:00	39,78	26° 56,04	398,5	5,0	56,3	"	"	"	"	"	
"	"	"	23:30	38,50	49,66	425,9	4,6	56,0	"	"	"	"	"	
"	10/789	20.02.87	00:00	74° 37,36	26° 42,17	448	4,6	60,9	"	"	"	"	KRAUSE	
"	"	"	00:30	36,28	34,85	467	4,5	62,1	"	"	"	"	"	
"	"	"	01:00	34,94	26,47	483	4,9	59,2	"	"	"	"	"	
"	"	"	01:33	33,15	20,17	493	4,6	57,7	"	"	"	"	"	
"	"	"	02:01	32,19	11,36	502	4,6	47,6	"	"	"	"	"	
"	"	"	02:25	31,10	06,95	513	4,4	45,8	"	"	"	"	"	ENDE Profil Schiff beginnt zu drehen
"	"	"	03:00	31,30	59,80	517	2,4	132	"	"	"	"	"	K1-Gun aus dem Wasser u zurück
"	"	"	03:30	33,23	00,16	532	4,8	230	"	"	"	"	"	neues Profil 22A
"	"	"	4:00	34,88	05,72	520	3,7	220,4	"	"	"	"	"	Niederjager



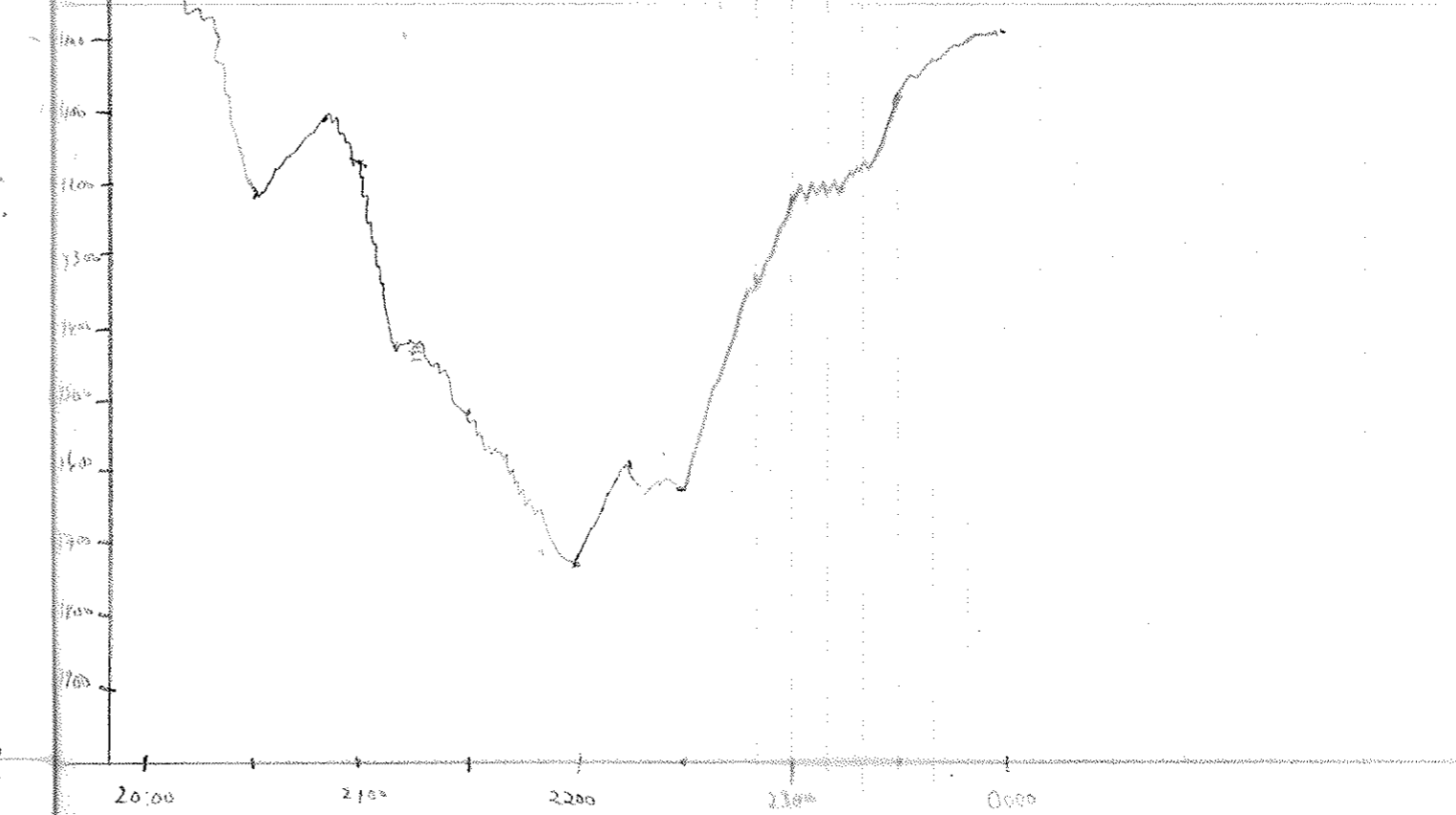
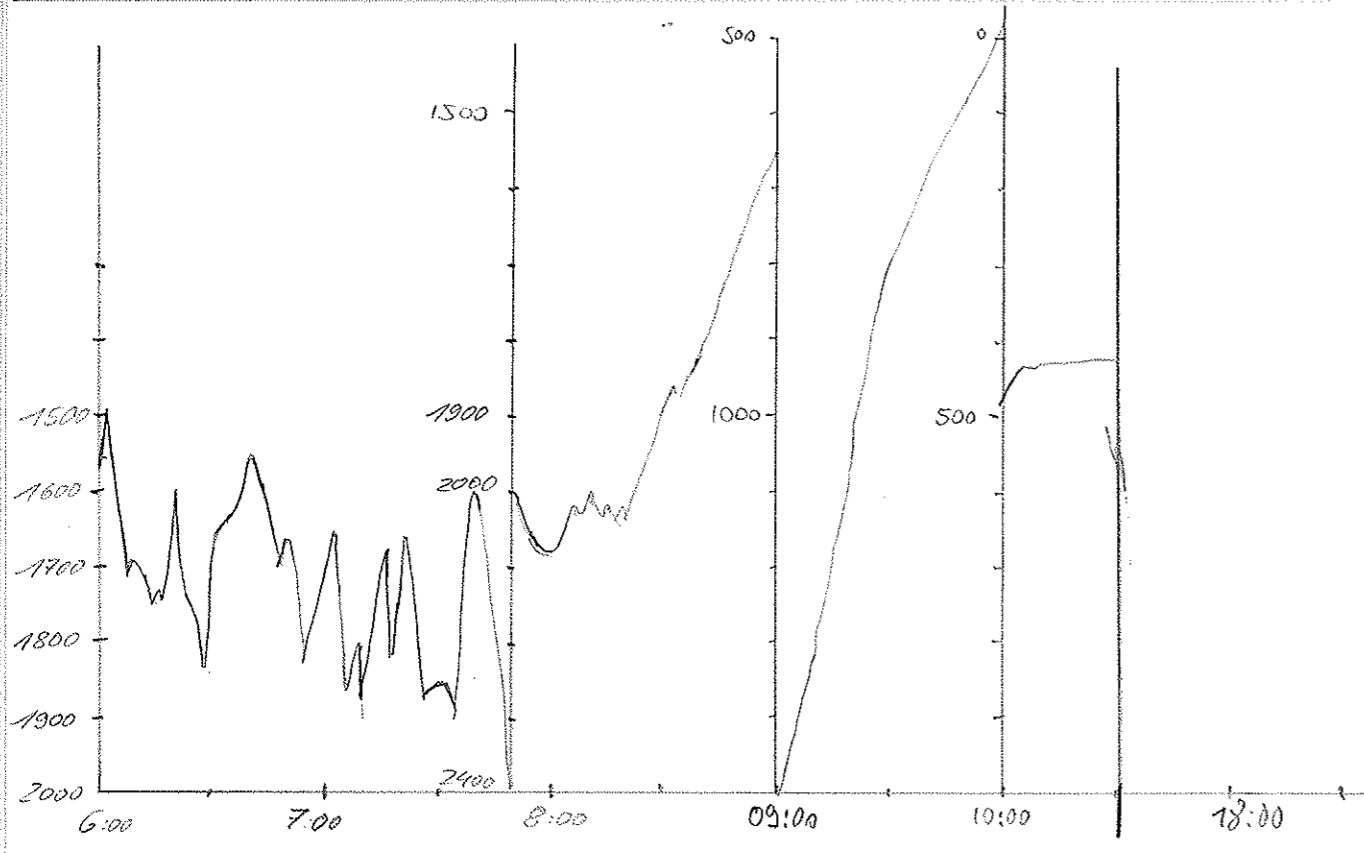
Roll	Profile	Date	Time	Latitude S	Longitude W	Depth m	Temp. Speed	Temp. Course	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
22	10/789	20.2.87	4:30	74° 36.06	26° 10.94	511	3.5	210.7	KP	2	0.13	0.5	Niederjasper	
"	"	"	5:00	38.26	15.82	505	4.0	212.5	"	"	"	"	"	
"	"	"	5:30	39.78	21.07	494	3.8	221.5	"	"	"	"	"	
"	"	"	6:00	40.03	27.52	474	3.6	267.7	"	"	"	"	"	
"	"	"	6:30	40.12	34.37	463	3.7	269.0	"	"	"	"	"	
"	"	"	7:00	40.26	40.99	448	3.7	276.2	"	"	"	"	"	Profil Ende 7:03
"	"	"	7:30	40.09	47.06	432	2.3	278.1	"	"	"	"	"	
"	"	"	8:01	40.19	53.71	402	4.3	223.1	"	"	"	"	"	
"	"	"	8:30	39.78	57.49	396	0.4	96.2	"	"	"	"	Bulliete	
"	"	"	9:02	40.27	59.03	396	4.6	75.0	"	"	"	"	"	
"	"	"	9:30	40.66	53.20	399	1.0	112.3	"	"	"	"	"	
"	"	"	10:00	40.29	57.30	392	6.4	61.3	"	"	"	"	"	
"	"	"	10:30	39.25	59.72	396	2.1	296.3	"	"	"	"	"	
"	Profil 10/781	"	11:00	40.20	57.10	397	2.7	229.9	"	"	"	"	"	Profil 10/781 Start: 10:57
"	"	"	11:30	43.86	27° 12.47	371	10.7	235.5	"	"	"	"	"	
"	"	"	12:00	46.21	27.75	466	11.0	234.4	"	"	"	"	Halle	
"	"	"	12:30	48.02	44.53	477	6.5	250.5	"	"	"	"	"	
"	"	"	12:43	48.62	47.50	480	3.3	214	"	"	"	"	"	
"	"	"	13:34	48.54	47.72	480	4.2	44.0	"	"	"	"	"	Ende Profil 10/781 12:43
23	10/793	"	13:40	48.23	46.07	478	7.8	41	"	"	"	"	"	Sta. Beginn 792, Aufnahmest.
"	"	"	14:00	44.83	39.41	491	12.0	46.17	"	"	"	"	"	Q.B.S. II, Papier gewechselt
"	"	"	14:30	42.02	22.05	586	11.7	51.8	"	"	"	"	"	13:40 Beginn Profil 10/793
"	"	"	14:33	41.54	20.17	627	12.3	52.0	K-P	3	0.38	"	"	
"	"	"	15:00	38.39	05.50	838	12.4	50.3	"	5	0.13	"	"	
"	"	"	15:30	34.50	26° 48.93	673	11.8	44.6	"	5	0.38	"	"	
"	"	"	16:00	30.15	33.93	661	12.1	43.0	"	5	"	"	"	
"	"	"	16:10	28.67	28.57	400	12.3	43.2	K-P	3	0.00	"	Kubm	
"	"	"	16:25	26.22	20.72	7540	12.0	43.3	KPK-P	5	0.00	7.0	"	
"	"	"	16:37	24.57	14.93	1905	12.4	43.7	KP	2	0.00	"	"	
"	"	"	17:00	21.37	03.04	2115	11.9	42.7	KP	2	"	"	"	



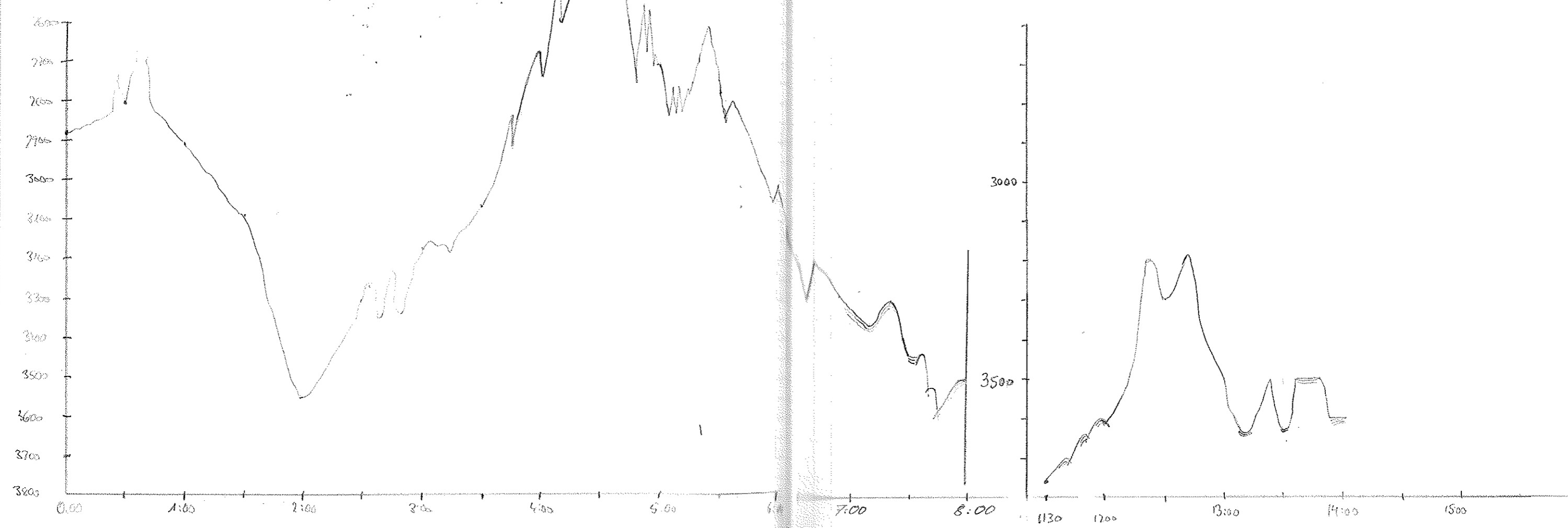
Roll	Profile	Date	Time	Latitude S	Longitude W	Depth	Comp. Speed	Comp. Course	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
23	10/793	20.2.87	17:30	74° 16.91	25° 48.21	2155	12.1	56.4	KP	2	0.0	1	Karlsruhe	
"	"	"	18:00	12.75	32.57	2157	12.1	40.7	"	"	"	"	"	
"	"	"	18:32	8.00	16.50	2108	12.1	44.7	"	"	"	"	"	
"	"	"	19:01	3.62	3.37	2229	12.1	36.0	KPKP-	5	0.25	"	"	
"	"	"	19:13	7.95	24° 56.54	2050	11.7	51.3	"	"	0.38	"	"	
"	"	"	19:37	73° 59.67	47.36	1853	11.7	45.6	KP	2	0.73	"	"	
"	"	"	20:00	55.53	33.67	1882	11.7	47.2	"	"	"	"	"	
"	"	"	20:03	55.05	39.80	1450	11.7	49.3	KPK-M	5	0.38	"	"	
"	"	"	20:18	52.80	25.65	1180	11.2	50.1	KP---	2	.13	"	Schiff	
"	"	"	20:30	51.11	18.90	1320	11.3	49.0	"	"	"	"	"	
"	"	"	20:35	50.70	17.22	1378	11.2	43.0	KPK-P	5	.38	"	"	
"	"	"	20:40	50:08	10:73	1633	10.4	48.4	"	"	.13	"	"	
"	"	"	20:45	49:54	12:44	1729	8.2	48.1	KP-	2	.25	"	"	
"	"	"	21:00	49:17	10:67	1732	0.0	238.1	"	"	"	"	"	Station für Mi/SZ seit 20:50
"	"	"	23:00	49:41	12:41	1753	0.0	-	"	"	"	"	"	Stationen der 23 ²⁰
"	10/795	"	23:30	48:38	08:58	1766	6.2	55.4	"	"	"	"	"	
"	"	"	23:35	48:07	07:88	1694	8.0	56.2	KPK-P	5	.00	"	"	
23	10/795	21.2.87	00:00	73° 46.05	23 56.65	1898	8.9	61	KPK-P	5	0.00	"	KRUSE	
"	"	"	00:31	43.40	42.39	1238	9.4	55.9	KPK-P	2	0.00	1	"	
"	"	"	01:03	40.66	28.39	1342	9.0	49.9	KPK-P (10014)	"	"	"	"	
"	"	"	01:30	38.42	17.48	1207	9.1	54.7	"	"	"	"	"	
"	"	"	02:00	36.53	02.90	1246	9.5	50.2	"	"	0.13	"	"	
"	"	"	02:31	33.89	22 50.10	1132	8.8	52.0	"	"	"	"	"	
"	"	"	03:00	30.87	38.95	1123	9.2	51.1	"	"	"	"	"	
"	"	"	03:31	28.02	25.23	1847	9.1	46	KPK-P	5	0.13	"	"	
23	10/795	21.2.87	04:00	73° 24.08	22° 14.03	1839	8.9	54.2	KPK-P	2	0.25	4	KRUSE	Zinkbleibe k: Gegen
"	"	"	4:30	21.58	03.33	1780	9.3	60.6	KP	2	0.25	"	Niederjaser	hierüber Bereichswechsel, Einstellung im Plot notiert
"	"	"	5:00	19.13	24° 50.27	1945	8.9	25.2	"	"	"	"	"	
"	"	"	5:30	17.00	38.27	1820	9.7	63.5	"	"	0.38	1	"	



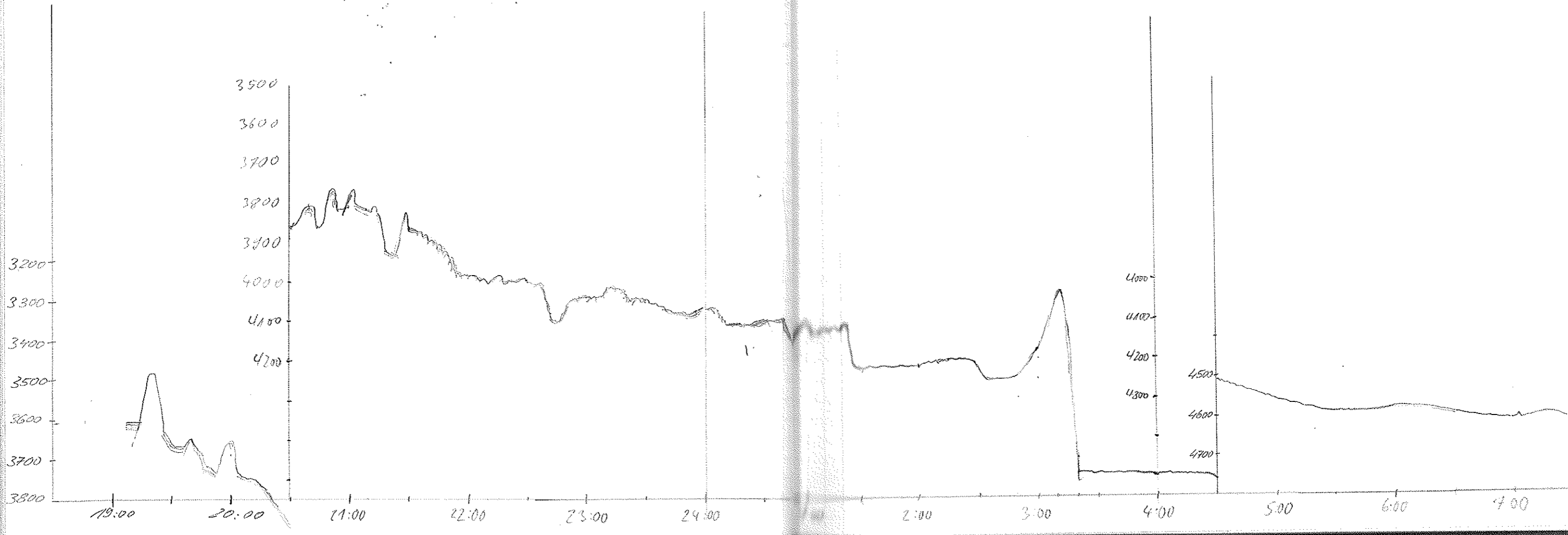
Roll	Profile	Date	Time	Latitude ϕ	Longitude λ	NB20 E-Sounder	Comp. Speed	Comp. Course	Trigger	Abceps	Delay	Microlog	Recording	Remarks
23	10/795	21.2.87	6:00	73° 14.06	21° 24.33	1557	9.1	60.7	KPK-P	5	0.00	"	Moderjager	
"	"	"	6:30	13.03	11.88	1716	9.1	56.9	"	"	"	"	"	
"	"	"	7:00	10.68	20° 58.43	1702	9.1	53.6	"	"	"	"	"	
"	"	"	7:30	08.07	46.14	1852	9.2	44.9	"	"	"	"	"	
"	"	"	7:50	05.80	39.92	1997	9.1	25.0	KP	2	0.25	"	"	
"	"	"	7:55	05.42	38.40	2063	9.2	37.1	"	"	0.00	"	"	
23	10/795	21.2.87	8:30	73° 01.86	20° 24.72	1880	9.2	58.0	KP	2	0.25	"	Lewis	
"	"	"	8:50	00.20	16.77	1741	9.2	51.1	KPK-P	5	0.00	"	"	
"	"	"	9:00	72° 50.48	12.88	1553	9.1	56.4	"	"	0.25	"	"	
"	"	"	9:10	58.75	08.43	1305	9.2	63.5	KP	2	0.25	"	"	
"	"	"	9:25	57.32	01.28	920	9.2	55.6	K-P	3	0.25	"	"	
"	"	"	9:55	55.24	19° 49.28	561	8.9	61.7	KP	2	0.25	"	"	
"	"	"	10:30	53.85	37.58	425	3.3	86.8	KP	2	0.25	"	"	
"	"	"	10:40	72° 53.56	19° 36.25	428	3.2	48.3	KP	2	0.25	"	Lewis	Profilende, jetzt ausgedaltet
"	10/799	"	17:27	52.48	47.88	737	9.5	29.5	KP	2	0.0	"	"	
"	"	"	18:00	48.99	51.55	2443	9.7	35.5	KPK-P	5	0.0	"	"	
"	"	"	18:30	44.41	53.23	2792	7.3	34.9	KP	2	0.0	"	"	18.40 - Station erricht!!
"	"	"	18:44	43.79	53.67	2802	0.3	21.5	"	"	"	"	"	Station
"	"	"	19:42	44.59	55.68	2865	0.7	20.1	"	"	"	"	"	19.42 - Abbruch des Bergungsprojekts
"	10/801	"	20:01	45.14	58.90	2869	7.6	31.2	"	"	"	"	"	20.01 Beginn Profil 1-2
"	"	"	20:30	42.11	20° 10.69	3220	9.9	312.8	KP	2	0.38	"	"	
"	"	"	20:50	39.87	18.43	3105	9.8	312.3	K-P	3	13	"	"	
"	"	"	21:00	38.15	21.93	3167	9.9	297.7	"	"	"	"	"	
"	"	"	21:10	37.81	24.33	3430	9.8	311.2	K-P	2	60	"	"	
"	"	"	21:30	35.70	34.63	3513	9.8	310.9	"	"	"	"	"	
"	"	"	22:00	32.50	47.01	3732	9.7	311.5	K-P	3	25	"	"	
"	"	"	22:17	31.31	45.85	3586	8.1	130.2	"	"	"	"	"	Beginn Profil 2-3
"	"	"	22:30	32.52	40.82	3418	9.7	130.4	KP	2	0.0	"	"	Beginn Profil 3-4
"	"	"	22:50	34.30	32.73	3336	9.7	147.5	KP	2	25	"	"	
"	"	"	23:00	35.52	29.22	3213	9.6	132.8	K-P	3	0.0	"	"	
"	"	"	23:30	38.70	17.41	3032	9.4	134.4	K-P	"	25	"	"	
"	"	"	00:00	42.42	04.15	2989	10.0	131	"	"	"	"	"	



Rolls	Profle	Date	Time	Latitude S	Longitude W	E-Sounding [m]	Comp Speed	Comp. Area	Trigger	Sweeps	Delay	Ref. Light	Observator	Remarks
23	10/801	22.2.87	0:00	72° 42.42	20° 04.15	2989	10	131	K-P	3	0.25	1	Johat	
"	"	"	0:30	42.92	19° 58.37	2109	9.7	312	KP--	2	0.0	1	"	0:14 Ende P 3-4 Start 4-5
"	"	"	1:00	39.05	20° 01.73	2910	9.8	311	"	"	"	"	"	0:27 Ende P 4-5 Start 5-6
"	"	"	1:30	35.99	22.40	3095	9.8	312	K-P	3	0.0	"	"	
"	"	"	2:00	32.58	34.86	3554	10.1	312	KP---	3	0.38	"	"	1:20 Ende P 5-6 Start 6-7
"	"	"	2:30	29.37	40.89	3303	8.0	93	KP---	2	"	"	"	2:24 Ende 6-7 Start 7-8
"	"	"	3:00	32.78	28.12	3228	10	133	"	"	"	"	"	
"	"	"	3:30	35.67	16.91	3074	9.7	132	K-P	3	"	"	"	
"	"	"	4:00	38.73	05.06	2672	9.9	126	KP	2	0.25	1	Niederjager	4:38 Ende 7-8 Start 8-9
"	"	"	4:30	41.79	19° 53.27	2506	9.8	124.5	"	"	"	"	"	4:46 Ende 8-9 Start 9-10
"	"	"	5:00	40.44	53.03	2701	10.4	315.5	"	"	"	"	"	
"	"	"	5:30	36.92	20° 06.03	2774	9.1	312.3	"	"	0.00	"	"	
"	"	"	6:00	34.35	16.23	3060	7.7	315.0	"	"	0.25	"	"	
"	"	"	6:30	31.66	26.15	3248	7.8	313.3	K-P	3	0.13	"	"	
"	"	"	7:00	29.06	36.00	3306	7.7	313.4	KP	2	0.38	"	"	7:08 Ende 9-10 Start 10-10
"	"	"	7:30	30.76	38.81	3443	7.6	156.2	"	"	0.13	"	"	7:52 Profil Ende
"	"	"	8:00	33.46	35.83	3510	0.0	88.5	"	"	"	"	"	Stand by, Station 10/802
4	10/803	"	11:33	34.06	46.09	3757	0.9	257.1	"	3	0.25	"	Buller's	Schreibriemen gewechselt
23	10/803	22.2.87	12:00	72° 32.77	20° 41.89	3615	8.0	51.3	KP-	3	0.25	1	"	
"	"	"	12:10	31.91	38.06	3523	8.8	55.0	KP	2	0.25	"	"	
"	"	"	12:30	30.11	28.42	3302	9.1	61.2	"	"	"	"	"	
"	"	"	13:00	27.78	15.51	3500	9.2	49.2	"	"	"	"	"	
"	"	"	13:06	29.16	13.08	3646	8.8	49.5	KP	2	0.00	1	"	
"	"	"	13:30	24.87	20° 03.18	3635	8.9	48.0	"	"	"	"	"	
"	"	"	14:00	72° 22.38	19° 55.24	3602	2.6	48.9	"	"	"	"	"	



Roll	Profile	Date	Time	Lat S	Lon W	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
23	10/805	22.2.87	19:07	72° 22.23	19° 54.59	3604	2.7	16.6	KP	2	0.00	1.	Niederjasper	Start Profil 10/805
"	"	"	19:30	19.77	57.47	3671	9.4	20.3	"	"	"	"	"	
"	"	"	19:45	17.47	47.36	3726	9.6	20.4	KP-	3	0.25	"	"	
"	"	"	20:00	15.25	44.42	3694	9.5	22.4	"	"	"	"	Kuber	
"	"	"	20:30	11.16	38.40	3856	9.1	22.5	"	"	"	"	"	
"	"	"	21:00	6.26	33.56	3896	9.3	20.3	"	"	"	"	"	
"	"	"	21:30	2.22	29.32	3867	9.2	29.7	"	"	0.13	"	"	
"	"	"	22:00	71° 57.89	21.28	3986	9.0	27.3	"	"	0.00	"	"	
"	"	"	22:30	53.96	14.76	4000	9.1	27.1	"	"	"	"	"	
"	"	"	23:00	49.83	7.99	4030	9.1	23.2	"	"	"	"	"	
"	"	"	23:30	45.25	1.36	4048	9.5	23.9	"	"	"	"	"	
"	"	23.2.87	00:00	40.80	18° 55.63	4074	9.5	21.7	"	"	"	"	"	
"	"	23.2.87	00:19	71° 37.91	18° 51.76	4107	9.4	24.4	KP-----	2	0.38	1	KRUSE	
"	"	"	00:30	36.41	49.37	4101	9.6	22.3	"	"	"	"	"	
"	"	"	01:00	32.07	43.48	4109	9.7	24.3	"	"	"	"	"	
"	"	"	01:34	27.04	36.52	4216	9.5	22.4	"	"	"	"	"	
"	"	"	02:00	23.24	31.64	4217	9.7	22.2	"	"	"	"	"	
24	10/805	23.2.87	02:14	71° 21.11	18° 28.50	4203	9.7	25.0	KP-----	2	0.25	1	"	Neue Rolle ab 02:12
"	"	"	02:31	18.69	25.01	4700	9.5	24.6	"	"	"	"	"	
"	"	"	03:00	14.39	19.25	4178	9.5	24.3	"	"	"	"	"	
"	"	"	03:30	09.93	17.92	4458	9.7	25.8	"	2	0.00	1	KRUSE	
24	10/805	23.2.87	04:00	71° 05.65	18° 04.73	4490	9.7	23.2	KP-K-P-	7	0.25	"	Niederjasper	
"	"	"	4:30	01.28	01.19	4578	9.6	22.3	"	"	"	"	"	
"	"	"	5:00	70° 56.71	17° 55.30	4559	9.6	23.9	"	"	"	"	"	
"	"	"	5:30	52.37	49.37	4599	9.6	23.6	"	"	"	"	"	
"	"	"	6:03	47.49	42.93	4588	9.6	26.8	"	"	"	"	"	
"	"	"	6:30	43.48	37.07	4607	9.5	22.9	"	"	"	"	"	
"	"	"	7:00	39.14	31.54	4620	9.8	26.9	"	"	"	"	"	7:08 Kurswechsel
"	"	"	7:28	37.41	28.33	4644	9.1	75.8	"	"	"	"	"	Start mit neuem Kurs



#13

3.5 kHz

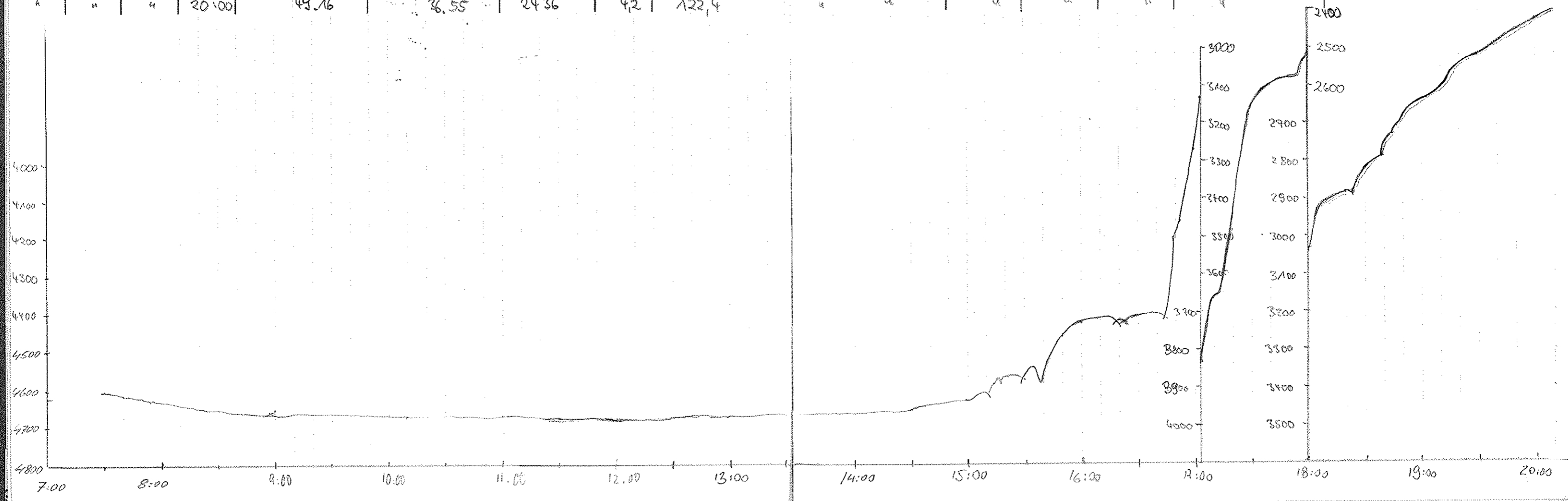


ANT V / 4

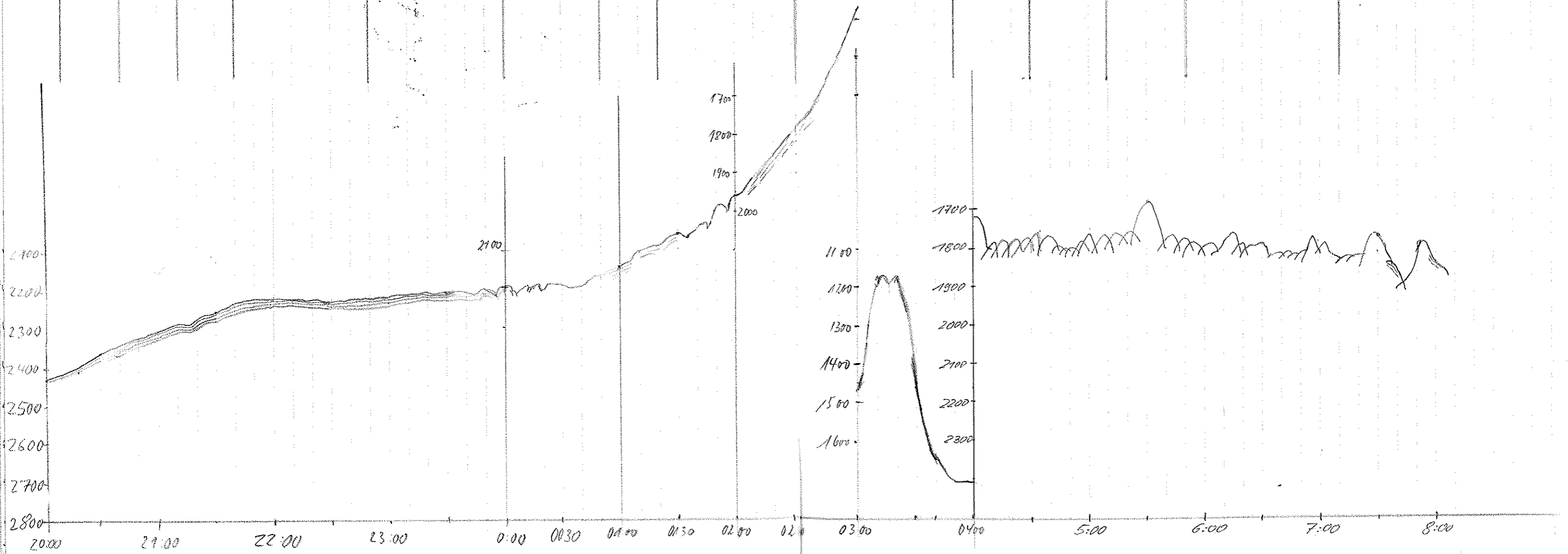
23.2.87 - 12.3.87

EKANA - EKANA - EKANA

Roll	Profile	Date	Time	Lat S	Lon W	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
24	10/805	23.2.87	7:55	70° 36.24	17° 16.37	4632	9.8	75.5	KP-K-P-	7	0.13	1.	Niederjasper	↓ Profil 22, 23
"	"	"	8:34	34.60	16° 59.36	4650	9.7	69.0	"	"	"	"	Bayer	
"	"	"	9:00	32.90	45.97	4655	10.1	71.1	"	"	"	"	"	
"	"	"	9:40	30.99	27.65	4654	10.0	68.2	"	"	"	"	"	
"	"	"	10:15	28.97	11.64	4659	10.0	70.1	"	"	"	"	"	
"	"	"	11:00	26.98	15° 53.34	4670	3.3	71.5	"	"	"	"	"	Profilende, Ausbringen Scanner
"	10/806	"	11:30	26.88	51.78	4672	1.6	68.4	"	"	"	"	"	
"	"	"	11:55	26.32	49.18	4673	5.4	70.3	"	"	"	"	"	
24	10/806	23.2.87	12:00	70° 26.19	15° 48.12	4673	4.6	69.5	KP-K-P-	7	0.13	1	Leusch	
"	"	"	12:30	25.42	42.10	4679	4.4	68.1	"	"	"	"	"	Profilende, Wegpunkt 22-23
"	"	"	13:02	24.53	34.54	4679	4.8	66.4	"	"	"	"	"	
"	"	"	13:30	25.11	28.01	4675	4.7	136.1	"	"	"	"	"	Neues Profil 23-24
"	10/807	"	13:33	25.36	27.35	4674	4.4	140.1	"	"	"	"	"	
"	"	"	14:00	26.95	23.49	4666	4.7	145.8	"	"	"	"	"	
"	"	"	14:30	29.06	20.08	4651	4.5	140.6	"	"	"	"	"	
"	"	"	15:00	30.91	16.02	4633	4.4	137.7	"	"	"	"	"	
"	"	"	15:30	32.65	11.99	4589	4.3	140.3	"	"	"	"	"	
"	"	"	16:00	34.60	08.37	4433	4.3	137.4	KP-K-P-	7	0.25	1	Heine	
"	"	"	16:30	36.26	04.17	4412	3.1	137.6	"	"	"	"	"	
"	"	"	16:48	37.44	01.60	4201	4.1	137.3	KP - - - -	2	0.00	1	"	
"	"	"	16:53	37.64	01.05	4156	4.2	135.1	"	"	0.38	1	"	3 starke Indizes, 3,5 kWh hängt Echo braune auf
"	"	"	17:00	38.14	00.48	3969	4.2	136.1	"	"	"	1	"	
"	"	"	17:03	38.32	15° 00.00	3839	4.3	136.2	KP - - - -	3	0.38	1	"	
"	"	"	17:18	38.35	14° 57.95	3480	4.4	135.7	KP - - - -	2	0.13	4	"	
"	"	"	17:28	38.82	56.52	3186	3.7	135.8	KP - - - -	2	0.38	4	"	
"	"	"	17:38	40.46	55.31	3109	4.4	136.8	K-P - - - -	3	0.00	1	"	
"	"	"	18:00	41.81	51.77	3030	4.3	140.0	"	"	0.25	1	"	
"	"	"	18:30	43.65	47.52	2834	4.1	141.2	KP - - - -	2	0.00	1	"	
"	"	"	19:00	45.36	45.23	2642	3.0	132.5	KP - - - -	"	0.25	1	"	
"	"	"	19:30	47.04	41.07	2532	4.2	133.3	KP - - - -	"	0.38	1	"	
"	"	"	20:00	49.16	36.55	2436	4.2	122.4	"	"	"	"	"	



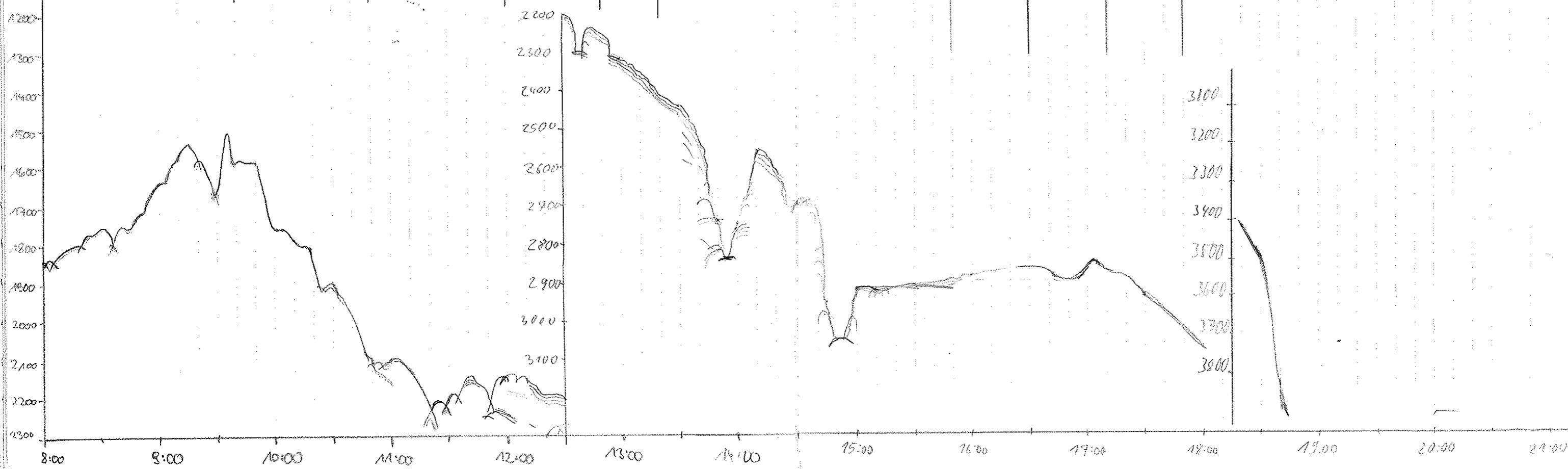
Roll	Profile	Date	Time	Lat S	Lon W	Depth	Speed	Course	Trigger	Sweeps	Delay	Shot Length	Recording	Remarks
24	10/807	23.2.87	20:16	70° 50, 09	14° 33, 83	2403	4,6	130, 1	KP	2	0,38	1	Kabon	Start neues 10/807
"	"	"	20:30	50, 39	39, 52	2368	4,0	124, 0	KP KP-	5	0,25	"	"	Teil-Profil von
"	"	"	21:00	51, 66	26, 08	2306	4,8	137, 0	"	"	"	"	"	Schreibbrenn gewechselt
"	"	"	21:30	53, 38	21, 12	2257	5,2	159, 2	"	"	"	"	"	
"	"	"	22:00	55, 58	18, 38	2217	4,5	158, 7	"	"	"	"	"	
"	"	"	22:30	57, 33	15, 73	2227	4,4	145, 8	"	"	"	"	"	
"	"	"	23:00	58, 26	11, 66	2220	6,0	144, 3	"	"	"	"	"	
"	"	"	23:30	71° 09, 55	8, 53	2202	4,5	140, 6	"	"	"	"	"	
24	10/807	24.02.87	00:00	71° 03, 25	14° 03, 27	2180	4,9	135, 3	"	"	"	"	ARRASE	strukturiertes Grund
"	"	"	00:30	05, 23	13° 59, 14	2172	5,2	148, 6	"	"	"	"	"	27. Reflektoren bis 20m
"	"	"	01:00	06, 45	55, 55	2145	4,2	130, 4	"	"	"	"	"	
"	"	"	01:30	08, 66	51, 38	2064	4,5	145, 8	KPKP-	5	0,38	1	"	
"	"	"	02:00	10, 51	46, 90	1965	4,6	152, 3	MP	2	0,13	1	"	
"	"	"	02:30	12, 20	43, 77	1801	4,4	157, 9	MP	2	0,38	1	"	
"	"	"	02:58	13, 72	42, 94	1473	5,0	191	KPK-P	5	0,38	1	"	Teil-
"	"	"	03:30	15, 48	48, 02	1359	4,3	274, 3	KPK-P	5	0,38	1	"	0233 Profilenende
"	"	"	03:42	15, 13	50, 71	1624	4,2	310, 8	MP	2	0,38	1	"	
"	"	"	04:00	71° 14, 18	13° 51, 15	1770	3,0	197	MP	2	0,38	1	"	
"	"	"	4:34	13, 01	45, 05	1755	4,3	66, 5	"	"	"	"	Niederjager	
"	"	"	5:00	11, 92	40, 89	1745	4,7	51, 4	"	"	"	"	"	
"	"	"	5:30	10, 49	35, 50	1688	4,2	49, 7	"	"	"	"	"	
"	"	"	6:00	09, 27	30, 91	1807	4,2	50, 5	"	"	"	"	"	
"	"	"	6:30	08, 30	26, 91	1797	4,4	50, 0	"	"	"	"	"	
"	"	"	7:00	07, 07	22, 17	1808	4,8	49, 8	"	"	"	"	"	
"	"	"	7:32	05, 69	16, 71	1778	4,6	52, 2	"	"	"	"	"	
"	"	"	8:00	04, 42	12, 07	1840	4,4	55, 4	"	"	"	"	"	



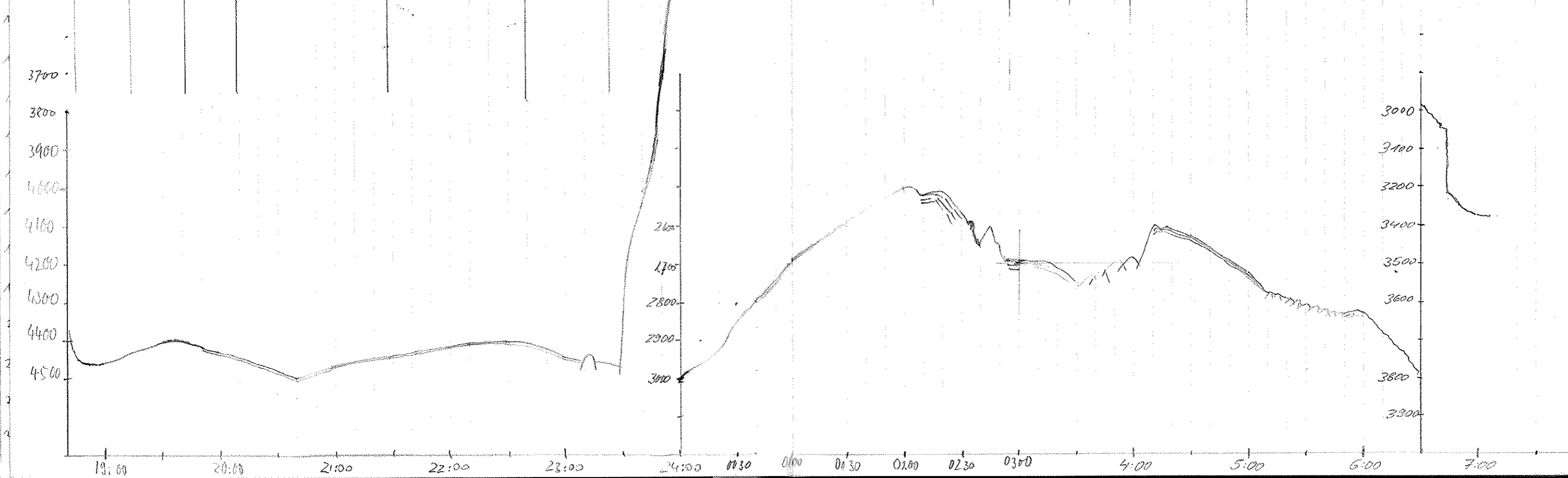
Roll	Profile	Date	Time	Lat S	Lon W	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
24	10/807	24.2.87	8:30	71° 03, 14	13° 05, 58	1757	4.4	56,4	KP - - - -	2	0,38	1	Hain	Teil- Ende Profil 10/807
"	"	"	8:37	71° 02, 84	13° 04, 23	1817	4,3	55,8	" " " "	"	"	"	"	
"	"	"	8:00	02, 08	12° 58, 40	1645	4,7	106,6	" " " "	"	"	"	"	neues Teil- Start Profil 10/807
"	"	"	8:06	02, 08	58, 04	1612	4,6	142,4	KPK-P - -	5	0,13	"	"	
"	"	"	8:30	03, 21	13° 00, 00	1651	5,2	227,0	" " " "	"	"	"	"	
"	"	"	8:52	03, 71	04, 44	1617	3,8	323,8	" " " "	"	"	"	"	
"	"	"	10:00	03, 28	05, 50	1756	4,2	321,6	" " " "	"	"	"	"	
"	"	"	10:10	02, 70	06, 81	1788	4,5	325,8	KP - - - -	2	0,25	"	"	
"	"	"	10:30	01, 36	10, 14	1896	4,6	332,5	" " " "	"	"	"	"	
"	"	"	10:48	00, 12	12, 36	2080	4,6	333,8	" " " "	"	0,00	"	"	
"	"	"	11:00	58, 49	14, 06	2088	4,4	334,0	" " " "	"	"	"	"	
"	"	"	11:30	57, 58	18, 34	2201	4,6	335,8	" " " "	"	"	"	"	
"	"	"	12:00	55, 53	22, 87	2208	4,5	335,8	" " " "	"	"	"	"	
"	"	"	12:10	54, 82	24, 27	2154	4,9	328,6	KPKP -	5	0,25	"	Kuchen	
"	"	"	12:30	53, 29	29, 05	2202	4,6	337,5	" " " "	"	"	"	"	
"	"	"	13:00	51, 60	31, 64	2378	5,0	330,0	" " " "	"	"	"	"	
"	"	"	13:30	49, 65	35, 84	2446	4,7	328,0	" " " "	"	0,00	"	"	
"	"	"	13:46	48, 64	37, 82	2644	4,5	327,5	KP	2	0,13	"	"	
"	"	"	14:00	47, 66	40, 06	2756	4,3	327,6	" " " "	"	"	"	"	
"	"	"	14:30	45, 74	44, 20	2704	5,1	326,6	" " " "	"	"	"	"	
"	"	"	14:44	44, 83	45, 99	2967	5,1	322,1	K-P	3	0,13	"	"	
"	"	"	15:00	43, 83	48, 33	2927	5,1	326,7	" " " "	"	0,25	"	"	
"	"	"	15:32	41, 80	52, 68	2906	5,2	319,6	" " " "	"	"	"	"	
"	"	"	16:00	40, 05	56, 60	2897	4,9	325,7	" " " "	"	"	"	"	
"	"	"	16:30	38, 18	14° 00, 64	2867	4,8	324,9	" " " "	"	"	"	Bayern	
"	"	"	17:02	36, 12	04, 92	2859	4,9	327,5	" " " "	"	"	"	"	
"	"	"	17:34	34, 15	09, 15	2941	4,7	328,6	" " " "	"	"	"	"	
"	"	"	18:00	32, 74	12, 49	3082	4,8	325,2	K-P	3	0,00	1	"	
"	"	"	18:30	30, 61	16, 34	3512	4,8	324,8	KP	2	0,00	1	"	
"	"	"	18:42	29, 80	18, 07	~3900	4,9	323	KP	2	0,38	1	"	
"	"	"	18:53	29, 07	19, 70	~4300	4,9	326,1	KP	2	0,00	1	"	

ODP - Bohrung

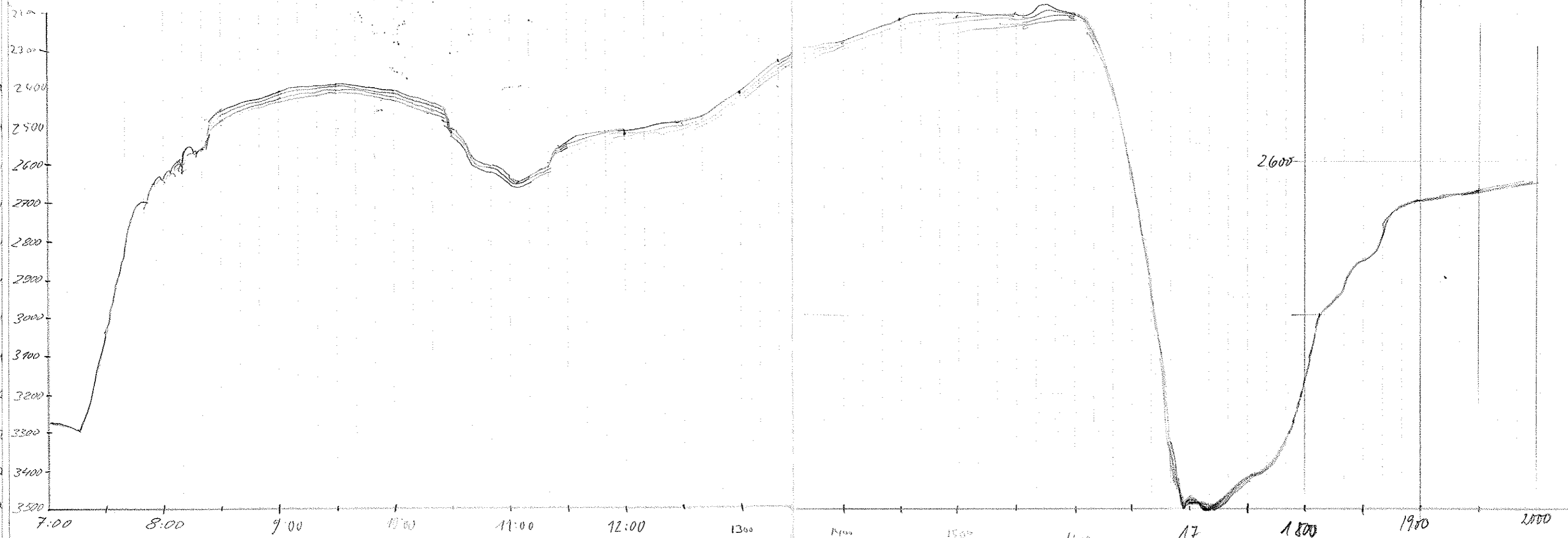
Wine Edelsteinze



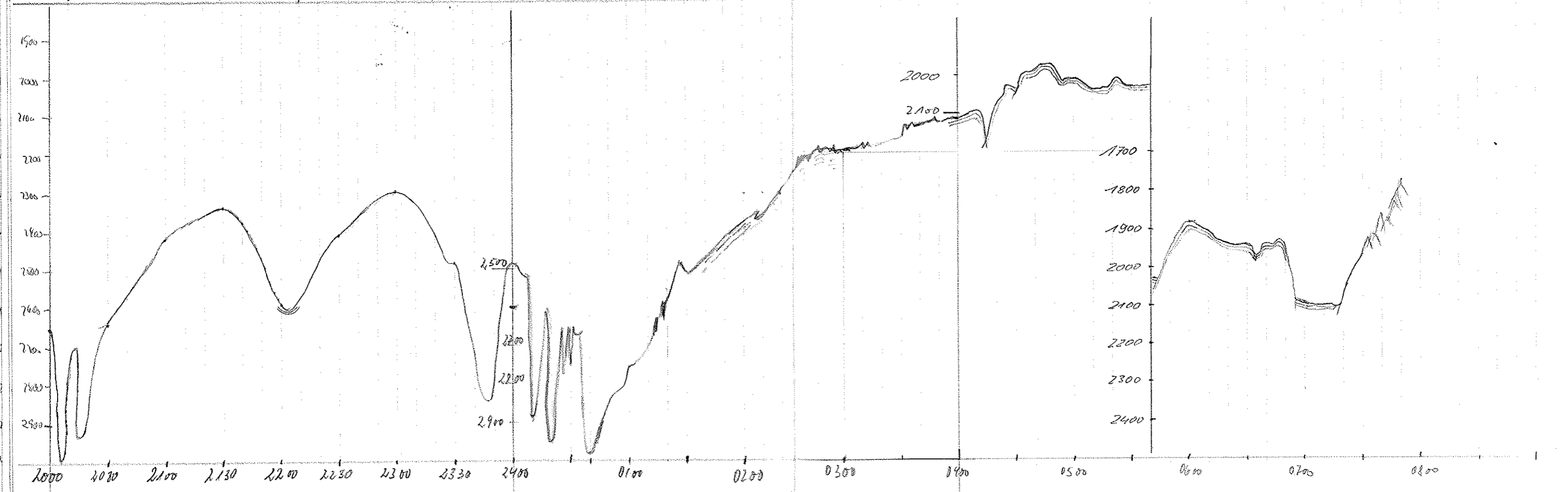
Rolle	Profil	Datum	Zeit	Lat S	Lon W	Tiefe	Geschw	Kurs	Triggelfolge	Sweeps	Delay	Pulse	Protokoll	Bemerkungen
24	10/807	24.2.87	19:00	76° 28.65	14° 20.66	4460	4.9	323.0	KP	2	0.00	1	Bayer	
"	"	"	19:31	26.60	25.26	4399	4.0	329.8	"	"	"	"	"	
24	10/807	24.2.87	20:00	70° 24.57	14° 29.48	4425	5.1	324.2	KP	2	0.00	1	LeusD	
"	"	"	20:18	22.93	32.92	4456	5.4	324.7	"	"	"	"	"	Ende Profil 23-24, Kursänderung u. Skrobabel
"	"	"	20:32	21.84	33.62	4489	4.4	18.6	KP-K-7-	7	0.13	1	"	Beginn neues Profil 4-5
"	"	"	20:41	21.44	32.20	4501	4.2	50.4	"	"	"	"	"	
"	"	"	21:00	20.72	29.17	4484	4.2	55.4	"	"	"	"	"	
"	"	"	21:30	19.48	23.38	4451	4.5	55.1	"	"	"	"	"	
"	"	"	21:45	18.89	20.63	4442	4.4	63.4	"	"	"	"	"	Ende Profil 4-5
"	"	"	22:00	18.94	16.25	4425	4.7	108.1	"	"	0.38	"	"	
"	"	"	22:10	19.36	14.22	4413	4.9	134.3	"	"	"	"	"	Beginn Profil 5-6
"	"	"	22:30	20.68	11.43	4406	4.8	142.5	"	"	"	"	"	
"	"	"	23:00	22.79	07.14	4455	5.0	146.4	"	"	"	"	"	
"	"	"	23:30	24.86	02.97	4472	4.9	143.0	"	"	"	"	"	
"	"	"	23:37	25.62	02.89	4042	5.0	142.0	KP	2	0.38	"	"	
"	"	"	23:47	26.15	01.05	3777	4.8	141.5	KP-	3	0.38	"	"	
24	10/807	25.2.87	00:02	76° 27.10	13° 58.99	3018	4.8	145.3	K-P	3	0.25	1	FRANZISE	Heilperand, Ah = 1500 m
"	"	"	00:31	27.30	54.67	2859	4.7	144.3	K-P	3	0.38	1	"	
"	"	"	01:02	31.45	50.09	2707	4.9	145.2	K-P	2	0.13	1	"	
"	"	"	01:30:00	33.44	44.61	2606	4.5	146.3	"	"	"	4	"	ab 01:30 Teilweise schwache Reflektoren bis 20m Tiefe
"	"	"	01:56	35.31	41.29	2519	4.9	159.2	"	"	0.38	"	"	
"	"	"	02:30	37.83	36.79	2567	5.0	144.4	"	"	"	4	"	Anhang Amperepraktik Reflektor ca. 30m Tiefe
"	"	"	03:16	41.02	29.00	2696	5.1	149.3	"	"	"	"	"	ENDE PROFIL 5-6
"	"	"	4:00	41.76	21.57	2678	5.1	22.2	KP	2	0.25	"	Niederjasper	Start Profil 4-5
"	"	"	4:30	40.39	24.49	2631	5.0	250.9	"	"	"	"	"	
"	"	"	5:00	41.24	31.60	2724	4.9	249.7	"	"	"	"	"	
"	"	"	5:22	41.96	36.66	2794	4.9	249.5	"	"	0.00	"	"	
"	"	"	6:00	42.96	45.25	2837	4.9	248.9	"	"	"	"	"	
"	"	"	6:27	43.80	51.55	2989	5.0	246.2	K-P	3	0.13	"	"	
"	"	"	7:00	45.13	59.18	3272	4.8	247.6	"	"	"	"	"	
"	"	"	7:05	45.30	14° 00.14	3286	4.8	242.2	KP	2	0.38	"	"	



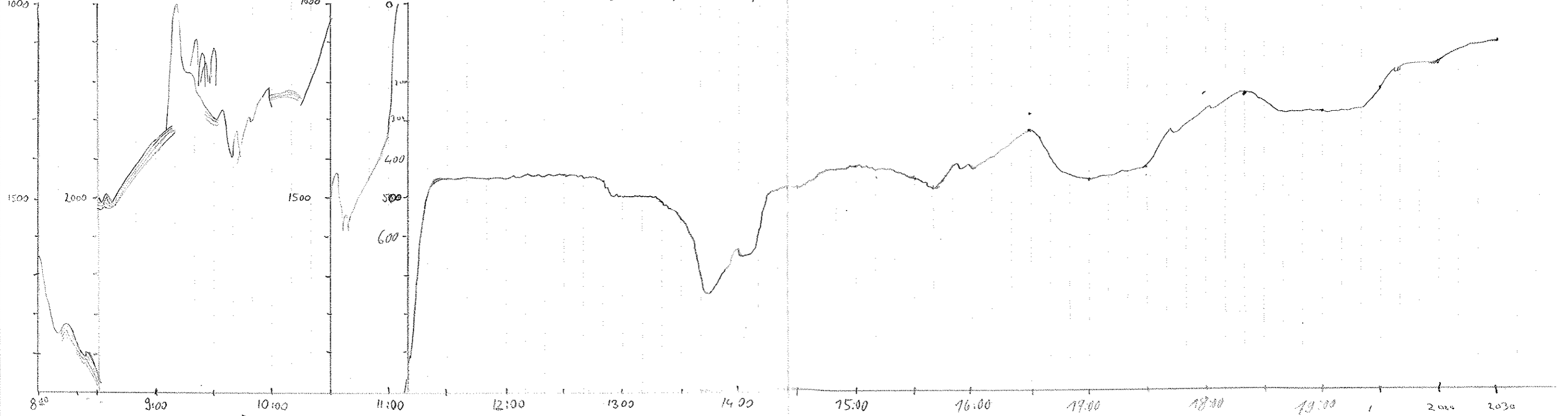
Roll	Profile	Date	Time	Lat S	Lon W	Depth	Speed Comp.	Course Comp.	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
24	10/807	25.2.87	7:30	70° 46.06	149° 05.87	3038	4.9	249.9	KP	2	0.00	A.	Niederjaspel	
"	"	"	7:55	46.74	12.19	2649	4.9	264.9	"	"	0.38	"	"	
"	"	"	8:27	47.78	19.41	2466	5.0	246.2	"	"	"	"	"	Papier gewechselt
25	"	"	9:00	48.72	27.33	2415	5.0	248.0	KPKP-	5	0.13	"	"	
25	"	"	9:30	49.88	34.28	2397	5.1	240.2	"	"	"	"	"	ODP - Bohrpunkt 374 Prof. 8-9
"	"	"	10:02	51.00	41.57	2418	5.1	245.7	"	"	"	"	"	
"	"	"	10:30	51.82	46.87	2505	4.8	262.2	"	"	0.0	"	"	
"	"	"	10:59	52.03	51.60	2602	4.4	282.3	KP	2	0.25	"	"	10.44 Profil ende
"	"	"	11:31	50.15	57.46	2547	4.0	56.5	"	"	"	"	"	
"	"	"	12:00	49.29	46.77	2517	3.8	61.1	KP	2	0.38	"	Bullisten	
"	"	"	12:30	48.20	40.28	2501	4.2	88.0	"	"	"	"	"	
"	"	"	12:42	48.54	37.53	2459	4.2	139.1	"	"	"	"	"	2-3
"	"	"	13:00	49.61	34.75	2411	4.4	144.5	"	"	"	"	"	
"	"	"	13:20	51.40	31.32	2336	4.6	143.6	KPKP	5	0.25	"	"	
"	"	"	13:30	51.75	30.52	2323	4.4	141.7	"	"	"	"	"	
"	"	"	14:00	53.67	25.39	2280	4.0	120.8	"	"	"	"	"	
"	"	"	14:30	55.52	19.30	2222	4.6	121.0	"	"	"	"	"	
"	"	"	15:00	56.01	15.65	2216	1.1	113.7	"	"	"	"	"	
"	10/808	"	15:34	56.51	16.07	2210	0.2	114.4	"	"	"	"	"	15:30 START 374 (10/808)
"	"	"	15:42	56.45	15.86	2201	1.3	10.0	"	"	"	"	"	
"	"	"	16:00	53.16	12.36	2251	10.5	5.5	"	"	"	"	"	
"	"	"	16:31	48.19	10.83	2532	10.3	4.1	"	"	0.00	"	KRAWSE	16:58 ENDE 374
"	10/809	"	17:00	44.51	08.11	3479	3.8	154.9	KP	2	0.00	"	"	17:05 Dredgepullasso Start 10/809
"	"	"	18:00	45.18	10.32	3240	1.9	164	"	"	"	"	"	Dredgen am Wegener Canyon
"	"	"	18:33	45.71	09.97	2812	0.1	118.6	KP	2	0.00	"	"	
"	"	"	19:00	46.09	10.86	2685	0.1	118.5	"	"	"	"	"	
"	"	"	19:31	46.31	11.61	2664	0.6	205.1	"	"	"	"	"	



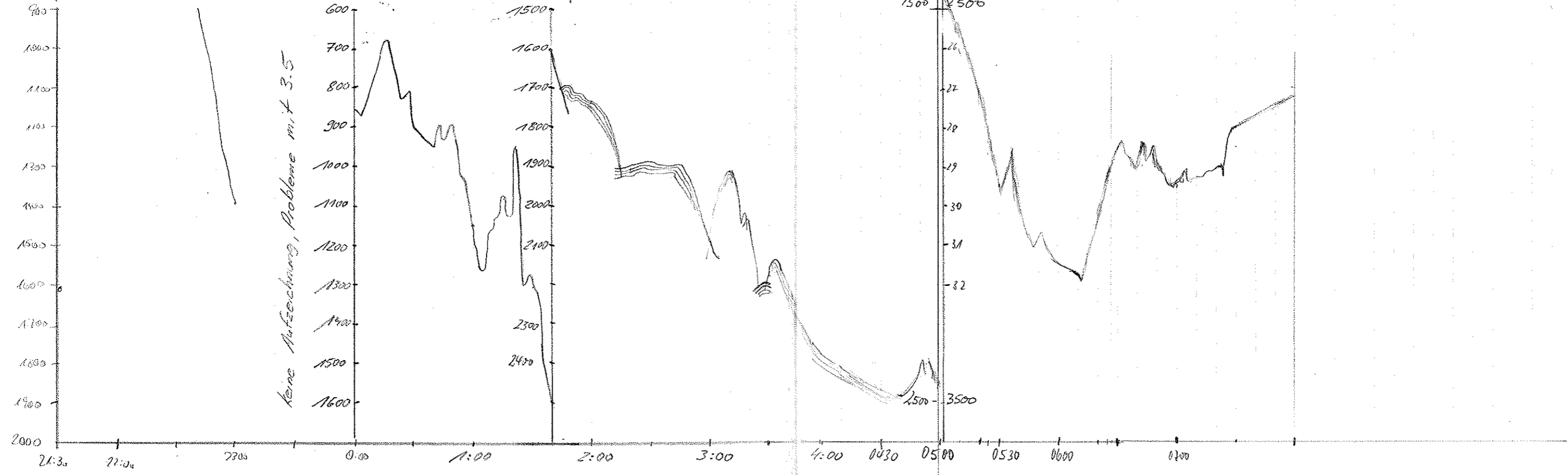
Roll	Profile	Date	Time	Latitude λ'	Longitude λ	1820 Depth	Comp. Speed	Comp. Course	Trigger	Surveys	Delay	Pulse Length	Recording	Remarks
25	10/809	25.2.87	20:00	70° 46.65	14° 11.23	2659	4.8	098	KP---	2	0.0	1	Johat	
"	10/810	"	20:34	47.49	09.50	2648	10.5	252	"	"	"	"	"	Start Profil 1-2 20:34
"	"	"	21:00	49.00	20.19	2421	11.1	245	"	"	0.38	"	"	Ende Profil 1-2 Start 2-3
"	"	"	21:30	50.42	20.03	2343	9.1	070	KPKP-	5	0.13	"	"	21:32 Start run Profile
"	"	"	22:00	48.26	06.28	2588	9.5	070	KP---	2	0.38	"	"	22:03 Start Profil 4-5
"	"	"	22:30	50.36	13.02	2364	10.5	244	"	"	"	"	"	22:09 Start Profil 5-6
"	"	"	23:00	51.45	14.90	2295	9.5	093	KPKP-	5	0.0	"	"	22:45 Start Profil 6-7
"	"	"	23:30	50.64	01.56	2488	9.5	090	"	"	"	"	"	23:05 Profil 7-8
"	"	26.02.87	00:00	50.20	13° 48.01	2478	9.4	018	"	"	"	"	"	23:12 Profil 8-9
25	10/810	26.02.87	00:31	45.41	42.52	2668	9.8	17.5	KP	2	"	1/4	KROUSE	23:56 Start 9-10
"	"	"	01:00	40.91	37.43	2762	9.8	17.5	"	"	"	4/1	"	
"	"	"	01:18	38.13	34.45	2571	9.3	29	KP	2	0.38	1/4	"	ENDE 9-10 START 10-11
"	"	"	01:30	37.07	29.92	2519	9.5	62.2	"	"	"	1	"	
"	"	"	01:55	34.96	19.91	2378	9.3	37.6	"	"	"	"	"	ENDE 10-11 START 11-12
"	"	"	03:07	34.43	17° 46.32	2179	8.9	83.0	"	"	"	"	"	
"	"	"	03:30	34.20	36.58	2154	8.7	81.1	"	"	"	"	"	
"	"	"	04:00	70° 33.85	12° 23.90	2112	8.6	83.1	"	"	"	"	KROUSE	
"	"	"	4:30	33.57	9.45	2030	9.3	83.9	KPKP-	5	0.38	"	Niederjasper	
"	"	"	4:42	32.92	4.33	1978	9.2	57.6	KP	2	0.13	"	"	
"	"	"	5:00	31.62	11° 58.03	2017	8.9	54.3	"	"	"	"	"	
"	"	"	5:30	29.18	46.95	2028	9.3	54.2	"	"	"	"	"	
"	"	"	6:00	26.46	35.96	1887	9.1	57.1	"	"	"	"	"	
"	"	"	6:30	24.23	26.29	1940	9.1	56.7	"	"	"	"	"	
"	"	"	7:00	21.75	15.47	2039	9.3	57.5	"	"	"	"	"	
"	"	"	7:30	20.82	03.89	1933	9.3	36.7	"	"	"	"	"	
"	"	"	7:51	20.94	10° 54.47	1772	9.6	105.7	"	"	0.38	"	"	



Roll	Profile	Date	Time	Latitude	Longitude	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
25	10/810	26.2.87	08:00	70° 21, 27	10° 50, 63	1639	9.0	99.7	KP	2	0.38	1	Reus Jr	
"	"	"	08:25	21, 83	39, 69	1972	8.9	94.8	"	"	0.00	"	"	
"	"	"	08:55	22, 26	26, 40	1872	9.0	95.2	"	"	0.38	"	"	
"	"	"	09:30	23, 12	10, 81	1871	8.7	89.9	"	"	"	"	"	
"	"	"	09:47	23, 13	02, 52	1974	9.4	94.9	"	"	0.13	"	"	Ende 13-14, Beginn 14-15
"	"	"	10:00	23, 06	9° 56, 13	1858	9.0	89.9	"	"	"	"	"	
"	"	"	10:04	23, 08	54, 22	1753	9.4	93.3	"	"	0.38	"	"	
"	"	"	10:30	23, 22	42, 89	1560	8.5	87.0	KPK-P	5	0.13	"	"	
"	"	"	10:43	23, 28	37, 68	1383	8.9	92.4	"	"	0.38	"	"	
"	"	"	11:00	23, 29	30, 37	1427	8.6	85.3	"	"	"	"	"	
"	"	"	11:04	23, 20	29, 00	1203	8.0	76.6	KP	2	0.25	"	"	
"	"	"	11:10	23, 27	26, 55	917	8.1	93.8	K-P	3	"	"	"	
"	"	"	11:20	23, 36	22, 28	484	8.5	93.3	KP	2	"	"	"	
"	"	"	11:30	23, 42	18, 05	~450	8.2	90.9	"	"	"	"	"	
"	"	"	12:00	23, 43	06, 52	~450	5.8	92.0	"	"	"	"	"	
"	"	"	12:30	23, 52	8° 59, 91	~440	2.0	94.0	"	"	"	0.5	Ku bin	
"	"	"	13:01	22, 72	52, 97	~500	5.9	97.8	"	"	"	"	"	
"	"	"	13:14	23, 47	48, 28	497	9.6	116.2	"	"	"	"	"	Ende 14-15, Beginn 15-16
"	"	"	13:23	23, 65	44, 76	555	6.9	70.7	"	"	0.13	"	"	
"	"	"	13:53	24, 89	35, 77	747	3.4	112.0	K-P	3	0.13	"	"	
"	"	"	14:03	24, 99	34, 65	~640	3.4	75.6	KP	2	0.00	"	"	
"	"	"	14:37	24, 98	26, 44	472	5.6	111.7	"	"	"	"	"	
"	"	"	15:00	26, 19	19, 90	429	3.7	118.2	"	"	"	"	"	
"	"	"	15:32	26, 77	13, 72	450	3.8	84.5	"	"	"	"	"	15:42 Profil-Ende
"	"	"	16:00	27, 07	11, 04	422	0.6	792.5	"	"	"	"	"	
"	"	"	16:30	25, 72	12, 25	324	0.1	324.0	"	"	"	"	Bullhorn	
"	"	"	17:00	26, 15	16, 49	403	1.9	201.6	"	"	"	"	"	
"	"	"	17:30	26, 30	18, 05	436	2.4	151.5	"	"	"	"	"	
"	"	"	17:50	26, 70	14, 64	378	4.2	135.4	KP	2	0.25	0.5	"	
"	"	"	18:20	30, 15	-7° 59, 42	236	8.2	236.2	KP	2	0.38	0.5	"	
"	"	"	18:30	32, 22	58, 08	214	12.3	124.5	"	"	"	"	"	
"	"	"	19:00	34, 18	50, 08	275	1.6	278.2	"	"	"	"	"	
"	"	"	19:30	34, 64	53, 62	220	9.8	258.2	"	"	"	"	"	
"	"	"	20:00	35, 39	56, 81	152	9.0	251.4	"	"	"	"	"	

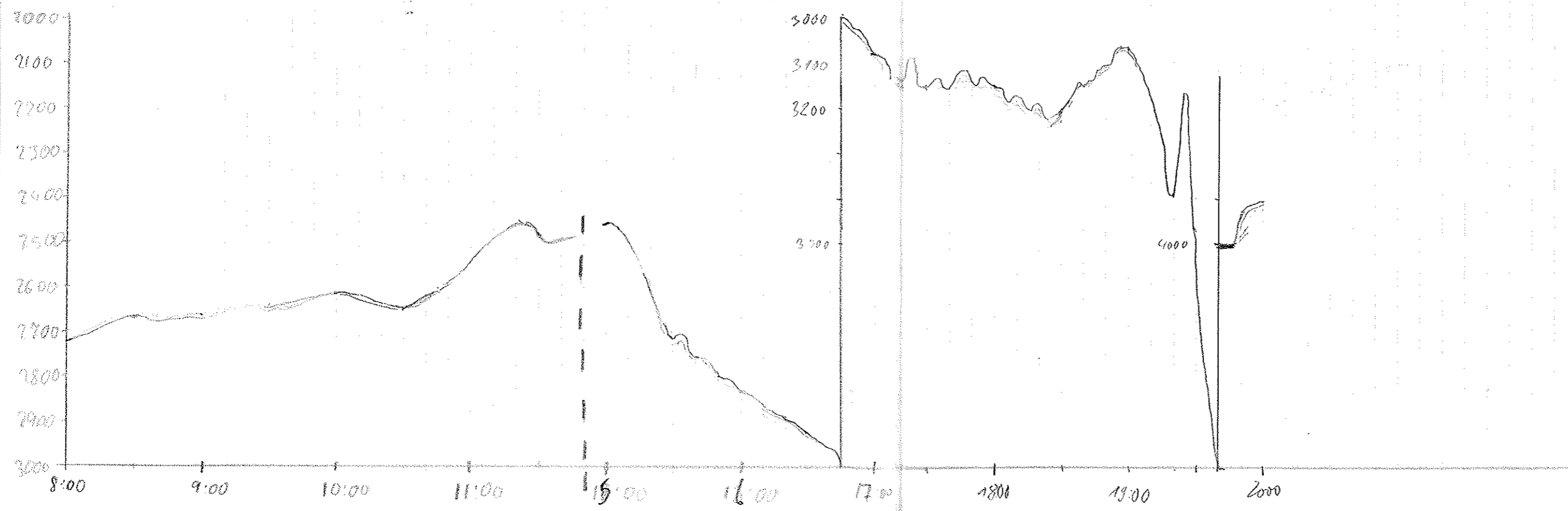


Roll	Profile	Date	Time	Latitude	Longitude	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse length	Recording	Remarks
25	10/810	26.03.87	20:31	70° 35.90	08° 06.31	103	3.2	256	KP	2	0.38	1	Bullister	
"	"	"	21:01	35.94	06.75	103	0	0	"	"	"	"	"	
"	10/815	01.03.87	21:30	70° 34.18	08° 06.65	122	7.1	058	"	4	"	0.5	Folat	Power off
"	"	"	22:00	70° 29.05	07° 57.75	281	13.0	051	"	"	"	"	"	RO-feld Kilo-Budd
"	"	"	22:30	26.85	44.75	616	8.4	056	K-P	3	0.25	"	"	
"	"	"	23:00	24.21	36.91	1394	8.0	036	KP	2	0.0	10	"	
"	"	"	23:30	70.50	30.09	852	9.3	029	K-P	3	0.13	"	"	
"	"	02.03.87	00:00	15.64	27.46	864	10.2	017	K-P	"	"	"	"	
"	"	"	0:30	11.21	19.20	829	10.0	40.4	"	"	"	"	"	
"	"	"	1:00	09.07	11.81	1150	9.6	60.2	KP	2	0.25	"	"	Niederjager
"	"	"	1:30	08.43	05.52	1307	10.4	54.5	KPK-P	5	0.38	"	"	
"	"	"	1:41	07.72	01.94	1590	9.5	46.3	KP	2	"	"	"	
"	"	"	2:00	05.37	6° 51.80	1745	9.8	63.9	"	"	"	"	"	
"	"	"	2:20	03.19	50.11	1907	5.4	2.1	"	"	0.00	"	"	
"	"	"	3:00	69° 59.58	47.99	2090	5.7	9.3	"	"	"	"	"	
"	"	"	3:30	54.90	46.91	2182	4.0	11.9	"	"	"	"	"	
"	"	"	3:43	53.25	44.64	2236	6.2	14.7	KPKP-	5	0.13	"	"	
"	"	"	4:00	51.29	43.24	2379	7.5	30.9	"	"	"	"	"	
25	10/815	02.03.87	04:30	69° 46.02	6° 41.93	2468	8.7	3.7	KP	2	0.38	1	ANWASE	
"	"	"	05:07	39.94	43.55	2626	10.0	10.7	"	4	"	4	"	
"	"	"	05:30	36.06	44.69	1963	10.7	10.1	K-P	3	0.30	4	"	
"	"	"	06:06	30.21	44.55	3145	10.8	12.8	"	4	0.00	4	"	
"	"	"	06:45	27.79	42.44	2920 (Sp)	10.6	21.8	"	4	0.25	4	"	
"	"	"	07:00	22.83	36.53	2936	9.4	12.3	"	1	"	"	"	
"	"	"	07:30	18.84	32.84	2829	9.8	24.4	"	4	0.38	"	"	
"	10/815	02.03.87	08:00	14.42	27.15	2723	9.9	22.7	KP	2	0.25	4	"	

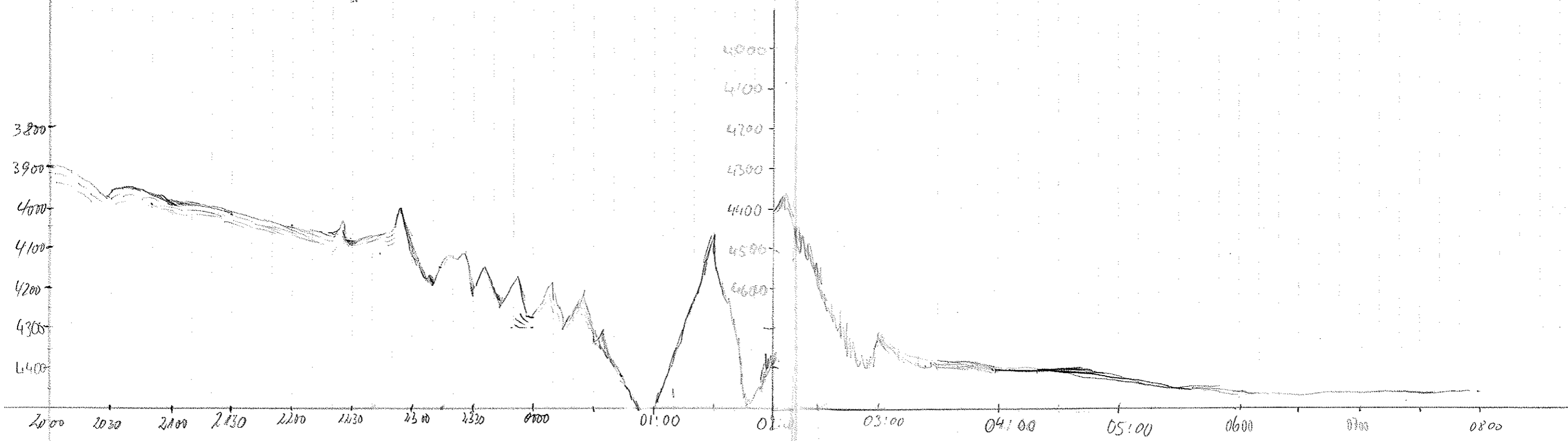


Roll	Profile	Date	Time	Latitude	Longitude	Depth	Speed	Course	Triggers	Sweeps	Delay	Pulse Length	Recording	Remarks
25	10/815	02.03.87	8:00	S 68° 14.41	W 6° 24.15	2423	9.9	22.7	KP	2	0.25	4	Ja	
25	10/815	02.03.87	8:15	S 69° 12.24	W 6° 23.94	2694	9.9	21.8	KP	2	0.25	1	Ja	
26	10/815	07.02.87	8:24	S 69° 10.93	W 6° 22.48	2668	10.0	20.9	VP	2	0.25	4	Ja	Papier gewechselt
"	"	"	8:44	S 69° 08.50	W 6° 18.15	2639	9.9	19.8	KP	2	0.25	4	Ja	
"	"	"	9:00	S 69° 05.54	W 6° 16.46	2644	9.6	20.9	VP	2	0.25	1	Ja	
"	"	"	9:30	S 69° 01.39	W 6° 10.98	2643	9.9	24.8	VP	2	0.25	1	Ja	
"	"	"	9:45	S 68° 59.18	W 6° 07.95	2632	9.9	23.8	KP	2	0.25	1	Ja	
"	"	"	10:00	S 68° 56.94	W 6° 05.64	2613	9.8	17.3	KP	2	0.25	1	Ja	
"	"	"	10:15	S 68° 54.68	W 6° 03.63	2632	9.8	18.5	KP	2	0.25	1	Ja	
"	"	"	10:31	S 68° 52.06	W 6° 00.94	2649	9.8	22.4	KP	2	0.25	1	Ja	
"	"	"	10:45	S 68° 50.14	W 5° 58.53	2608	9.7	25.1	VP	2	0.25	1	Ja	
"	"	"	10:58	S 68° 48.29	W 5° 56.06	2508	9.8	23.2	KP KP	5	0.00	1	Ja	
6	"	"	11:25	S 68° 44.9	W 5° 51.7	?	?	?	KP KP	5	0.00	1	Ja	
4	"	"	11:44	S 68° 43.56	W 5° 48.42	2472	6.9	59.7	KP KP	5	0.00	1	Ja	
"	10/817	"	15:00	S 68° 45.42	W 5° 54.52	2454	20.8	274.3	KP KP	5	0.00	1	Ja	
"	"	"	15:08	68° 45.53	5° 55.06	2471	20.8	269.0	"	"	"	1	Da	
"	"	"	15:19	68° 45.44	6° 00.80	2566	20.9	269.2	KP	2	0.00	1	Ja	
"	"	"	15:22	68° 45.46	6° 00.98	2602	20.8	273.6	"	"	0.25	1	Ja	
"	"	"	15:39	68° 45.43	6° 03.60	2718	9.0	273.1	"	"	"	1	Da	
"	"	"	15:40	68° 45.35	6° 09.74	2754	9.0	273.2	"	"	0.00	1	Da	
"	"	"	15:50	68° 45.22	6° 13.80	2800	9.2	273.4	"	"	"	1	Da	
"	"	"	16:00	68° 45.18	6° 18.06	2737	9.0	272.9	"	"	"	1	Da	
"	"	"	16:15	68° 45.09	6° 24.16	2877	8.8	273.0	"	"	"	1	Da	
"	"	"	16:30	68° 45.32	6° 31.28	2927	9.0	274.2	"	"	"	"	Da	
"	"	"	16:45	68° 44.94	6° 38.74	2982	10.2	274.6	K-P	3	0.13	"	"	
"	"	"	17:00	44.70	46.65	3070	10.3	275.3	"	"	"	"	"	
"	"	"	17:30	44.31	7° 00.08	3146	10.9	274.3	"	"	"	"	"	
"	"	"	18:00	43.86	75.17	3144	10.9	274.9	"	"	"	"	"	
"	"	"	18:30	43.45	30.14	3204	10.7	273.7	"	"	"	"	"	
"	"	"	19:00	42.98	43.85	3067	11.0	269.7	"	"	"	"	"	
"	"	"	19:30	43.35	57.64	3388	10.7	268.2	KP	2	0.13	"	"	
"	"	"	19:50	43.32	8° 07.17	3922	10.4	272.2	KP-	3	0.13	"	"	
"	"	"	20:00	43.23	72.28	3902	10.4	272.2	KP-	3	0.13	"	"	

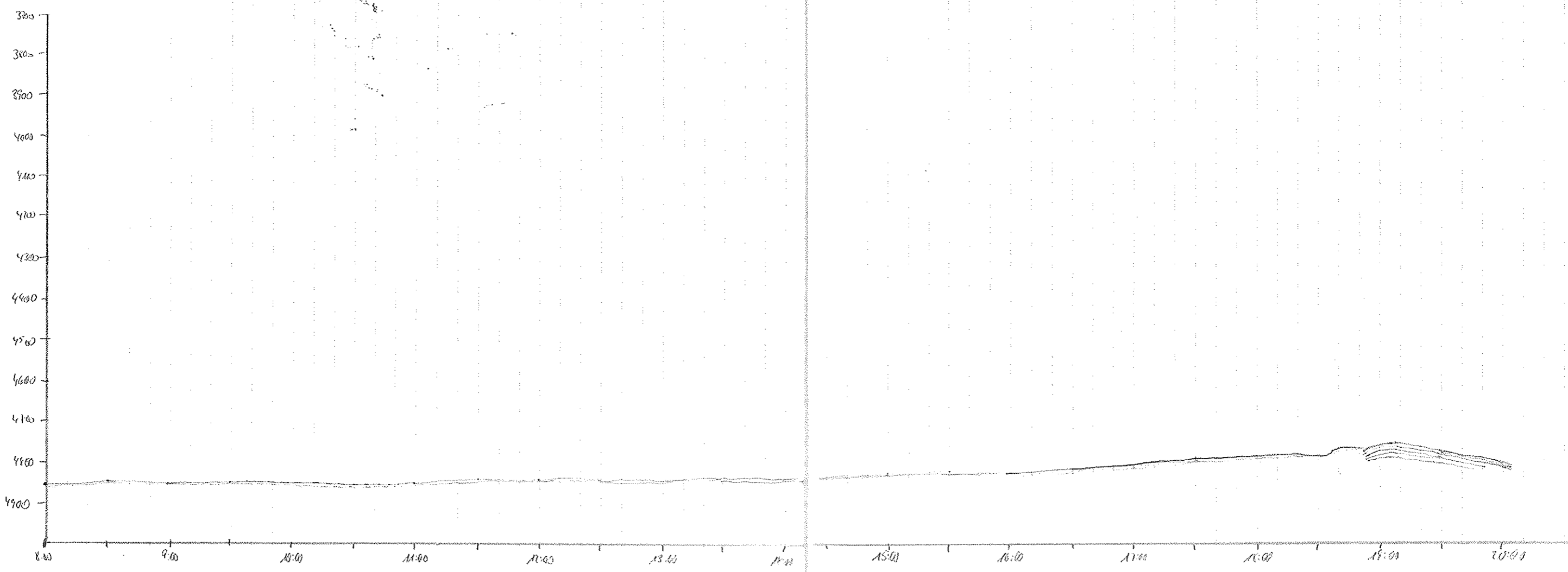
Profilen die
Dolog defekt
Fehler seit 1940 langsam
aufkommen 1504 statt
des Profils



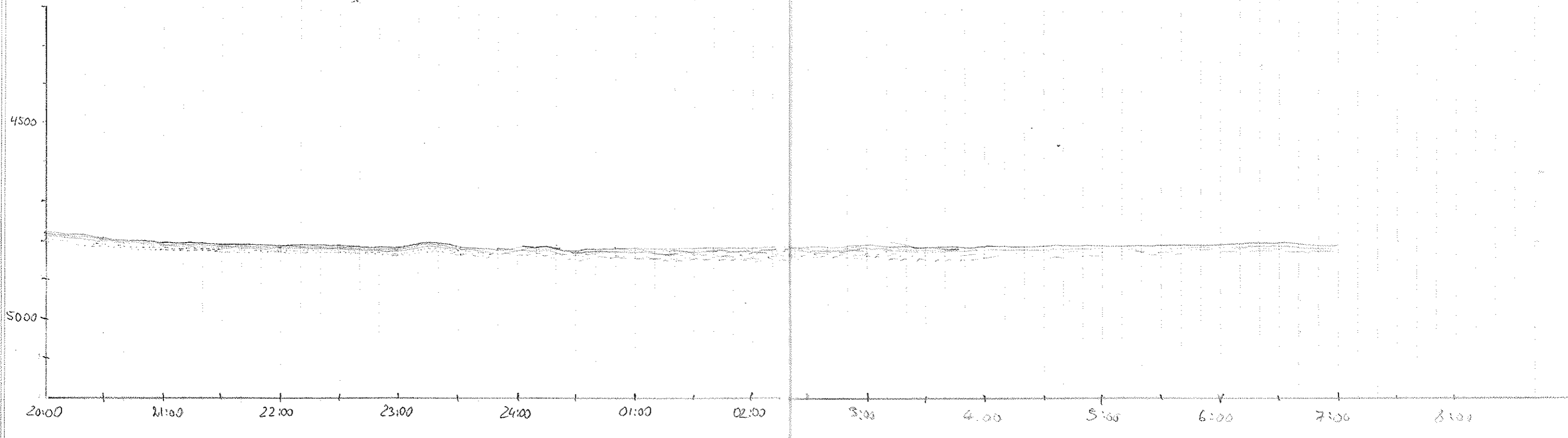
Roll	Profile	Date	Time	Lat. S	Longitude W	Depth	Wind Temp Speed	Comp. Course	Trigger	Swings	Delay	Wave Length	Recording	Remarks	21
26	10/817	2.3.86	20:30	68° 42' 89"	08° 25' 80"	3941	10,0	277,4	HP	3	0,13	1	HP	"Rosenmontagsball"	
"	"	"	21:02	42,65	40,62	3974	10,0	270,7	"	"	"	"	"		
"	"	"	21:30	42,60	53,01	4001	10,0	269,6	"	"	0,50	"	"		
"	"	"	22:00	42,5	09 06,14	4044	10,2	267,6	HP	2	0,38	1	"	bis zu 5 Keffektoren	
"	"	"	22:35	42,51	20,97	4090	9,4	279,3	"	"	"	"	"	zu erkennen, Eindring =	
"	"	"	23:01	42,06	31,89	4111	9,1	266,9	"	"	"	"	"	Tiefe 611 in 40m	
"	"	"	23:33	42,39	44,74	4174	8,7	264,1	"	"	"	"	"	2256 Seeborn zeigt "Hogel"	
26	10/817	3.3.87	00:00	68° 42' 43"	09° 55' 09"	4275	8,4	273,5	"	"	0,13	"	"	Hogel	
"	"	"	00:34	68° 42' 24"	10° 04' 71"	4346	7,6	272,6	"	"	0,00	"	de		
"	"	"	01:00	68° 42' 10"	10° 21' 68"	4421	6,8	269,3	KP-K-P	14	0,25	"	de		
"	"	"	01:55	68° 41' 59"	10° 46' 85"	4470	7,8	270,8	KP-K-P	14	0,13	"	de		
"	"	"	02:22	68° 42' 08"	10° 59' 92"	4528	7,5	272,4	KP-K-P	14	0,25	"	de		
"	"	"	02:42	68° 42' 06"	11° 06' 49"	4678	8,4	271,9	KP-K-P	14	0,13	"	de		
"	"	"	02:54	68° 41' 99"	11° 11' 17"	4769	7,9	273,9	KP-K-P	14	0,00	"	de		
"	"	"	03:35	68° 41' 83"	11° 29' 36"	4768	9,3	272,1	KP-K-P	14	0,00	"	de		
"	"	"	03:50	68° 41' 80"	11° 35' 46"	4789	9,2	272,8	KP-K-P	14	0,00	"	de		
"	"	"	04:25	68° 41' 57"	11° 50' 26"	4875	9,1	272,7	"	"	"	"	de		
"	"	"	05:26	68° 41' 35"	12° 17' 41"	4850	8,3	271,4	"	"	"	"	de	Profipunkt # 8 ulkranfen	
"	"	"	06:02	68° 41' 29"	12° 30' 87"	4863	8,5	270,8	"	"	"	"	de		
"	"	"	06:45	68° 41' 14"	12° 53' 00"	4862	10,8	272,0	"	"	"	"	de		
"	"	"	07:35	68° 40' 79"	13° 17' 36"	4860	11,2	272,0	"	"	"	"	de		
"	"	"	08:00	68° 40' 73"	13° 29' 98"	4855	11,0	270,7	KP-	2	0,38	"	de		



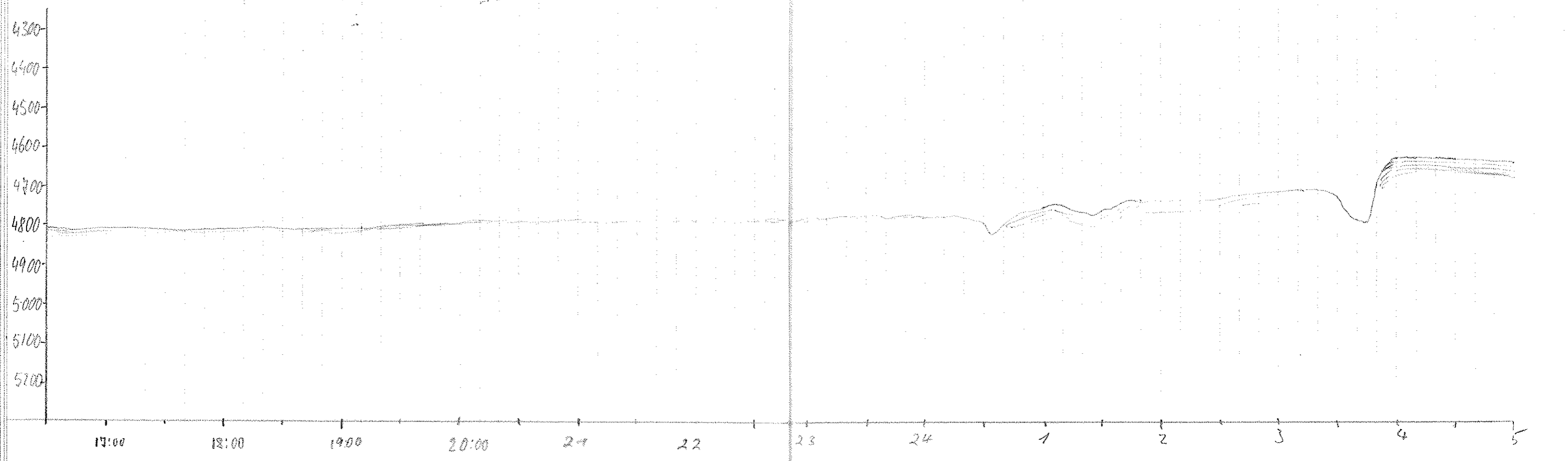
Relle	Profile	Date	Time	Lat. S	Long W	Depth (m)	Camp fixed	Camp. Camp	Traced	Sweep	Delay	Pulse length (s)	Observer	Remarks
26	10/817	3.3.87	08:00	68° 40.73	13° 29.88	4855	11.0	270.7	KP-	2	0.38	1.0	pkat	
"	"	"	08:30	40.66	39.90	4849	10.1	270.6	"	"	"	"	"	
"	"	"	09:00	40.51	53.42	4850	10.2	271.1	"	"	"	"	"	
"	"	"	09:30	40.49	14° 07.52	4851	10.4	267	"	"	"	"	"	
"	"	"	10:00	40.73	21.36	4851	10.4	266	"	"	"	"	"	
"	"	"	10:30	40.80	35.78	4849	10.1	270	"	"	"	"	"	
"	"	"	11:00	40.61	49.51	4846	10.5	273	"	"	"	"	"	
"	"	"	11:30	40.14	15° 04.58	4845	10.9	268	"	"	"	"	"	
"	"	"	12:00	40.35	18.78	4848	10.9	267	"	"	"	"	"	
"	"	"	12:30	40.66	33.14	4845	10.3	268.7	"	"	"	"	"	Vobary
"	"	"	13:00	40.41	47.33	4841	10.5	274.5	"	"	"	"	"	
"	"	"	13:30	40.30	16° 02.03	4837	10.6	273.0	"	"	"	"	"	
"	"	"	14:05	39.99	18.79	4832	9.6	273.6	"	"	"	"	"	
"	"	"	14:30	40.06	29.14	4827	10.3	270.0	"	"	"	"	"	
"	"	"	15:00	39.95	43.86	4825	10.4	270.3	"	"	"	"	"	
"	"	"	15:30	39.85	56.23	4819	10.7	269.8	"	"	"	"	"	
"	"	"	16:00	39.89	17° 09.62	4815	10.0	270.7	"	"	"	"	"	
"	"	"	16:32	39.66	24.02	4811	9.8	271.7	"	"	"	"	"	Niederjager
"	"	"	17:03	39.44	38.31	4806	10.3	269.8	"	"	"	"	"	
"	"	"	17:30	39.30	50.13	4797	10.4	273.3	"	"	"	"	"	
"	"	"	18:00	39.23	18° 03.60	4788	9.8	270.5	"	"	"	"	"	
"	"	"	18:32	39.17	19.07	4787	11.4	270.4	"	"	"	"	"	
"	"	"	19:07	39.14	37.32	4752	9.9	269.8	"	"	"	"	"	
"	"	"	19:30	39.15	48.13	4772	10.6	270.4	"	"	"	"	"	
"	"	"	20:00	39.29	19° 01.84	4785	10.2	275.4	"	"	"	"	"	Lusch



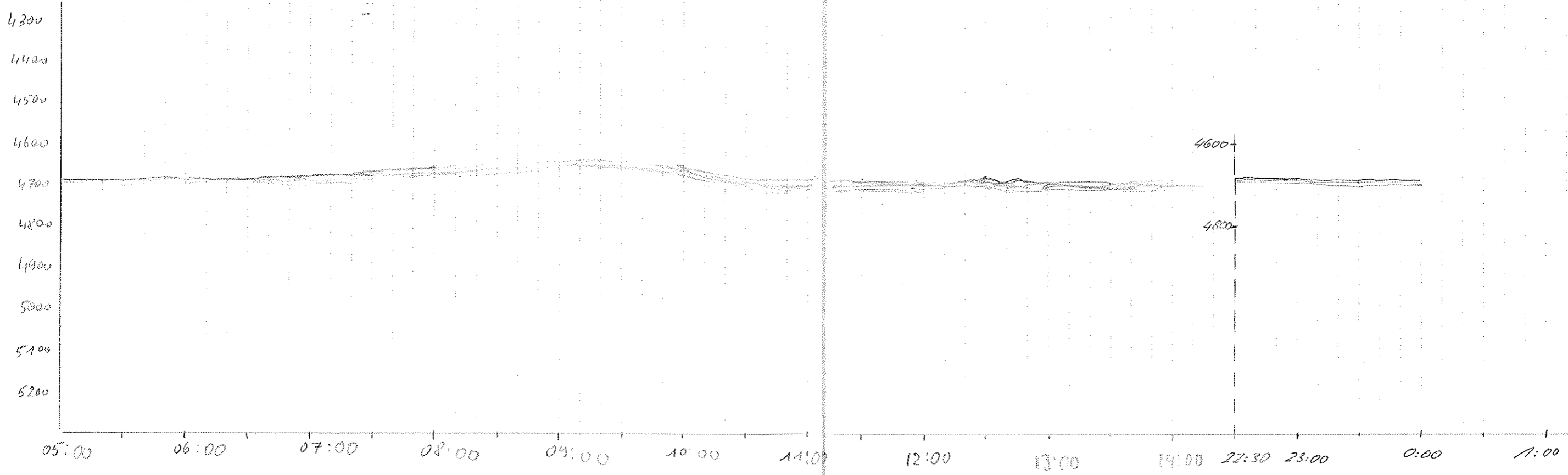
Roll	Profile	Date	Time	Lat S	Lon W	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse Length	Observer	Remarks
26	10/817	3.3.87	20:00	68° 39.29	19° 01.84	4785	10.2	275.4	KP	2	0.38	1.0	Leusor	
"	"	"	20:30	38.79	16.18	4795	10.5	268.0	"	"	"	"	"	
"	"	"	21:00	38.90	30.39	4804	10.5	268.5	"	"	"	"	"	
"	"	"	21:30	38.80	44.87	4813	10.2	270.2	"	"	"	"	"	
"	"	"	22:00	38.81	59.19	4816	10.3	270.5	"	"	"	"	"	
"	"	"	22:30	38.59	20° 09.83	4817	9.0	270.5	"	"	"	"	"	
"	"	"	23:00	38.35	23.60	4823	9.5	271.2	"	"	"	"	"	
"	"	"	23:30	38.22	36.54	4817	9.3	272.6	"	"	"	"	"	
"	"	"	24:00	38.06	49.45	4821	9.2	271.5	"	"	"	"	Ehrhardt	
"	"	4.3.87	0:30	38.37	21° 05.52	4822	9.3	270.5	"	"	"	"	"	
"	"	"	1:00	38.16	18.77	4824	9.6	269.9	"	"	"	"	"	
"	"	"	1:30	38.24	21.39	4823	9.6	270.2	"	"	"	"	"	
"	"	"	2:00	38.17	48.86	4815	9.0	263.9	"	"	"	"	"	
"	"	"	2:30	37.93	59.20	4819	8.5	271.3	"	"	"	"	"	
"	"	"	3:00	38.05	22° 14.24	4816	8.2	273.0	"	"	"	"	"	
"	"	"	3:30	38.38	29.26	4811	7.7	264.5	"	"	"	"	"	
"	"	"	04:05	68° 38.34	22° 43.71	4810	10.4	271.5	"	"	0.38	"	Ritte	
"	"	"	04:30	68° 37.92'	22° 55.87	4812	9.9	275.2	"	"	"	"	"	
"	"	"	05:00	68° 37.58'	23° 10.13	4811	8.9	272.9	"	"	"	"	"	
"	"	"	05:30	68° 37.45'	23° 21.03'	4809	9.8	271.7	"	"	"	"	"	
"	"	"	06:00	68° 37.52'	23° 34.55'	4804	9.6	273.8	"	"	"	"	"	
"	"	"	06:30	68° 37.26'	23° 47.51'	4802	9.8	273.9	"	"	"	"	"	
"	"	"	07:00	68° 37.48'	23° 58.43'	4800	5.5	271.7	"	"	"	"	"	
"	"	"	07:27	68° 37.14'	24° 01.74	4800	0.7	40	"	"	"	"	Ritte	Ende des Monats Station mit Orogroph. Rolle gewechselt
27	—	"	15:12	68° 37.34'	24° 00.78'	4800	0.0	70.9	"	"	"	"	"	



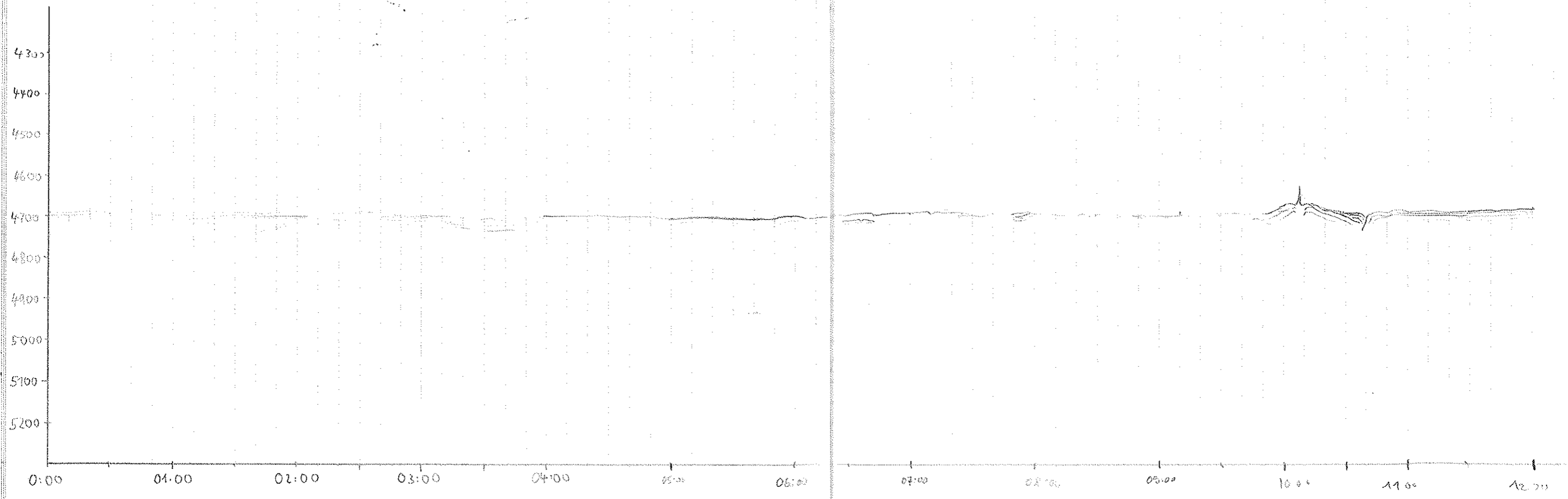
Roll	Profile	Date	Time	Lat S	Lon. W	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse Length	Observer	Remarks
27		04.03.87	16:47	68° 36.78	24° 00.04	4801	3.1	298.9	UP	2	0.38	1.0	Le	Profilanfang
27	10/819	"	16:59	68° 36.48	24° 01.61	4801	3.3	296.3	"	"	"	"	Le	
"	"	"	17:31	68° 34.37	24° 13.63	4806	9.9	294.8	"	"	"	"	Le	
"	"	"	18:00	68° 32.76	24° 26.10	4809	9.4	294.8	"	"	"	"	Le	
"	"	"	18:48	68° 29.08	24° 44.27	4802	10.1	299.1	"	"	"	"	Li	
"	"	"	19:04	68° 27.10	24° 53.35	4803	10.4	295.8	"	"	"	"	Le	
"	"	"	19:35	68° 25.42	25° 07.01	4793	10.6	293.7	"	"	"	"	Le	
"	"	"	20:00	68 23.52	25 16.13	4801	10.3	301.0	"	"	"	"	Gr	
"	"	"	20:30	68 20.77	25 29.45	4796	10.0	300.7	"	"	"	"	Gr	
"	"	"	21:01	68 18.50	25 40.64	4796	10.0	300.7	"	"	"	"	Gr	
"	"	"	21:28	68 16.37	25 51.22	4795	10.4	299.1	"	"	"	"	Gr	
"	"	"	21:03	68 13.50	25 05.45	4788	9.9	296.8	"	"	"	"	Gr	
"	"	"	22:35	68 11.04	26 18.63	4789	10.1	294.6	"	"	"	"	Gr	
"	"	"	23:02	68 08.95	26 29.66	4783	10.3	296.4	"	"	"	"	Gr	
"	"	"	23:30	68 06.77	26 41.19	4774	10.3	298.8	"	"	"	"	Gr	
"	"	"	23:59	68 04.64	26 53.32	4767	10.4	296.4	"	"	"	"	Gr	
"	"	5.3.87	24:40	67 02.40	27 10.42	4777	9.8	286.7	"	"	"	1.0	CT	
"	"	"	1:27	67 57.66	27 30.27	4729	10.5	307.0	"	"	"	"	CT	
"	"	"	2:06	67 54.37	27 46.83	4723	10.6	300.2	"	"	"	"	CT	
"	"	5.3.87	3:23	67 47.36	28 20.91	4704	10.6	298.9	"	"	"	"	CT	
"	"	"	3:58	67 45.60	28 32.99	4663	10.6	300.4	"	"	"	"	CT	
"	"	"	4:30	" 42.95	" 46.43	4675	10.7	296.7	"	"	"	"	Hennel	
"	"	"	5:00	" 40.94	" 58.35	4684	10.7	299.3	"	"	"	"	"	
"	"	"	5:30	" 38.27	" 40.52	4686	10.5	299.5	"	"	"	"	"	



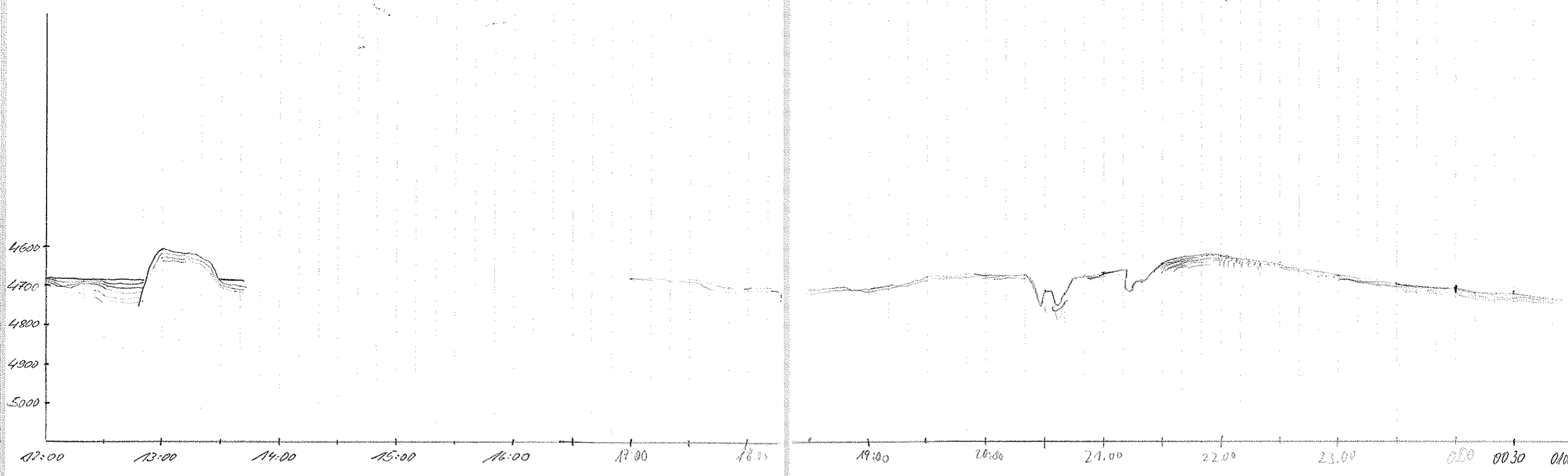
Roll	Profile	Date	Time	Lat S	Lon W	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse Length	Observer	Remarks
27	10/819	05/03/87	06:00	67° 35.65	29° 22.87	4680	10.7	299.1	KP	2	0.38	1.0	Henniet	
"	"	"	06:30	" 33.54	" 34.66	4678	10.8	299.5	"	"	"	"	"	
"	"	"	07:00	" 31.06	" 46.86	4676	10.8	297.1	"	"	"	"	"	
"	"	"	07:30	" 29.18	" 59.21	4665	10.6	295.6	"	"	"	"	"	
"	"	"	08:00	" 26.72	30° 10.97	4652	10.3	300.4	"	"	"	"	"	
"	"	"	08:10	67° 25.84	30° 14.87	4649	10.7	300.4	KP-K-P	4	0.00	1.0	de	
"	"	"	08:34	67° 23.60	30° 24.65	4639	10.6	297.5	"	"	"	"	de	
"	"	"	09:00	67° 21.49	30° 35.09	4637	10.5	297.0	"	"	"	"	de	
"	"	"	09:33	67° 18.85	30° 48.99	4641	10.5	298.9	"	"	"	"	de	
"	"	"	10:00	67° 16.74	30° 59.37	4656	10.5	298.3	"	"	"	"	de	
"	"	"	10:30	67° 14.32	31° 11.75	4672	10.7	297.4	"	"	"	"	de	
"	"	"	11:10	67° 11.08	31° 27.45	4678	10.5	298.1	"	"	"	"	de	
"	"	"	11:30	67° 09.44	31° 35.53	4680	10.7	294.8	"	"	"	"	de	
"	"	"	12:00	67° 04.23	31° 47.43	4680	10.4	297.7	"	"	"	"	de	
"	"	"	12:30	67° 04.88	31° 58.62	4675	10.4	298.5	"	"	"	"	de	
"	"	"	13:00	67° 02.52	32° 10.71	4687	10.0	297.7	"	"	"	"	de	
"	"	"	13:30	67° 02.99	32° 18.37	4685	6.0	292.7	"	"	"	"	de	
"	"	"	14:00	67° 00.03	32° 22.96	4677	3.7	302.0	"	"	"	"	de	
"	"	"	14:04	67° 00.00	32° 23.38	4687	1.9	289.5	"	"	"	"	de	
"	10/821	"	22:55	66° 58.89	32° 26.88	4688	5.8	296.3	"	"	"	"	Niederjaspert	Ende Profil 10/819
"	"	"	23:30	57.02	38.59	4692	9.4	285.0	"	"	"	"	"	
"	"	6.3.87	0:00	55.01	49.42	4692	9.4	296.7	"	"	"	"	"	



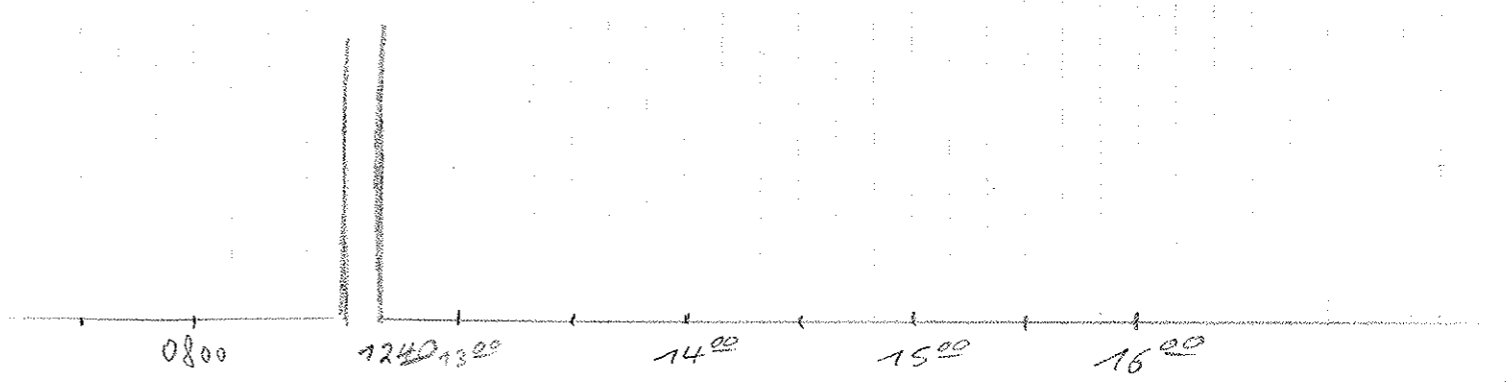
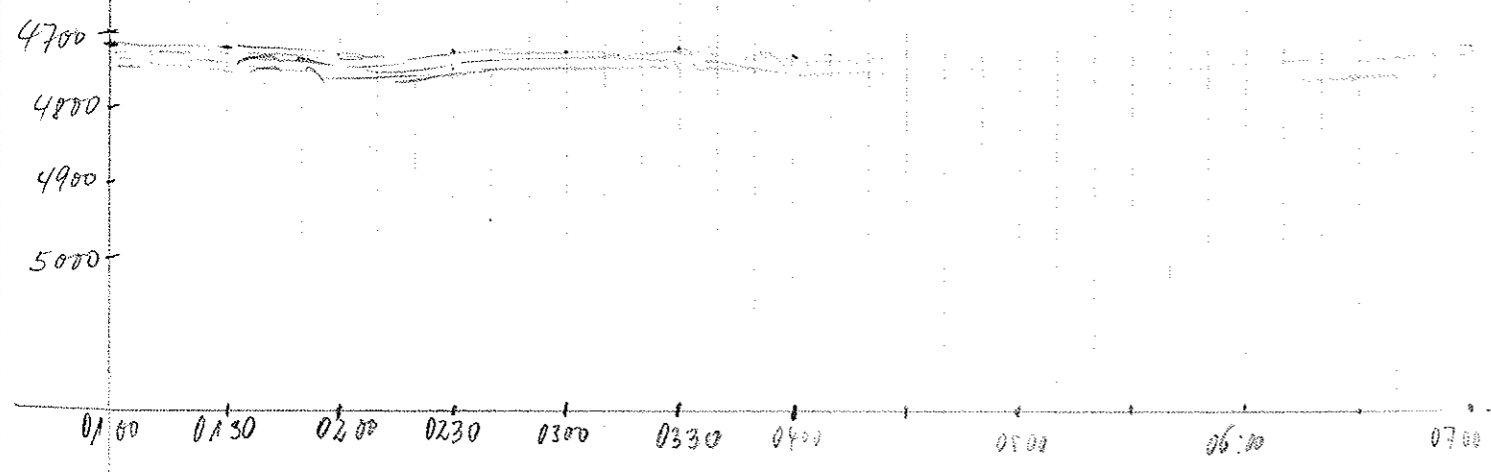
Roll	Profile	Date	Time	Lat S	Lon W	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse- Length	Observer	Remarks
27	101821	6.3.87	0:00	66° 55' 04	32° 49' 42	4692	9.4	296.7	KP-K-P	7	0.00	1.0		
"	"	"	0:30	66° 52' 88	33° 02' 21	4683	9.5	"	"	"	"	"	Orwall	
"	"	"	1:00	66° 50' 66	33° 13' 43	4689	9.5	296.3	"	"	"	"	"	
"	"	"	1:40	66° 47' 48	33° 27' 26	4692	9.8	296.4	"	"	"	"	"	
"	"	"	2:03	66° 45' 72	33° 35' 95	4695	9.7	296.2	"	"	"	"	"	
"	"	"	2:35	66° 43' 18	33° 47' 21	4696	9.5	297.8	"	"	"	"	"	
"	"	"	3:03	66° 40' 92	33° 57' 46	4696	9.6	294.7	"	"	"	"	"	
"	"	"	3:33	66° 38' 79	34° 08' 66	4701	9.5	297.2	"	"	"	"	"	
"	"	"	4:01	66° 36' 69	34° 18' 13	4701	9.8	295.5	"	"	"	"	"	
"	"	"	4:38	66° 34' 06	34° 31' 29	4703	9.6	296.3	"	"	"	"	Karsten	
"	"	"	5:13	66° 32' 35	34° 40' 78	4704	9.5	295.3	"	"	"	"	"	
"	"	"	5:30	66° 30' 16	34° 49' 87	4704	9.5	297.1	"	"	"	"	"	
"	"	"	6:00	66° 28' 15	35° 00' 57	4700	9.5	295.6	"	"	"	"	"	
"	"	"	6:30	66° 25' 85	35° 12' 34	4694	9.9	295.7	"	"	"	"	"	
"	"	"	7:00	66° 23' 78	35° 23' 44	4691	10.3	296.4	"	"	"	"	"	
"	"	"	7:30	66° 21' 58	35° 34' 26	4689	9.8	300.6	"	"	"	"	"	
"	"	"	8:00	66° 19' 41	35° 44' 82	4686	9.7	299.2	"	"	"	"	Karsten	
"	"	"	8:30	66° 17' 38	35° 56' 45	4686	9.7	295.7	"	"	"	"	5000	
"	"	"	9:00	66° 15' 40	35° 07' 27	4681	7.8	297.2	"	"	"	"	"	
"	"	"	9:30	66° 13' 32	36° 11' 32	4677	7.0	294.3	"	"	"	"	Ehhardt	
"	"	"	10:00	66° 12' 15	36° 15' 02	4669	9.5	298.2	"	"	"	"	"	
"	"	"	10:30	66° 09' 47	36° 31' 99	4692	10.3	298.3	"	"	"	"	"	
"	"	"	11:00	66° 07' 08	36° 43' 05	4672	10.1	298.3	"	"	"	"	"	
"	"	"	12:00	66° 03' 05	37° 02' 11	4681	9.7	293.2	"	"	"	"	Niedergasper	



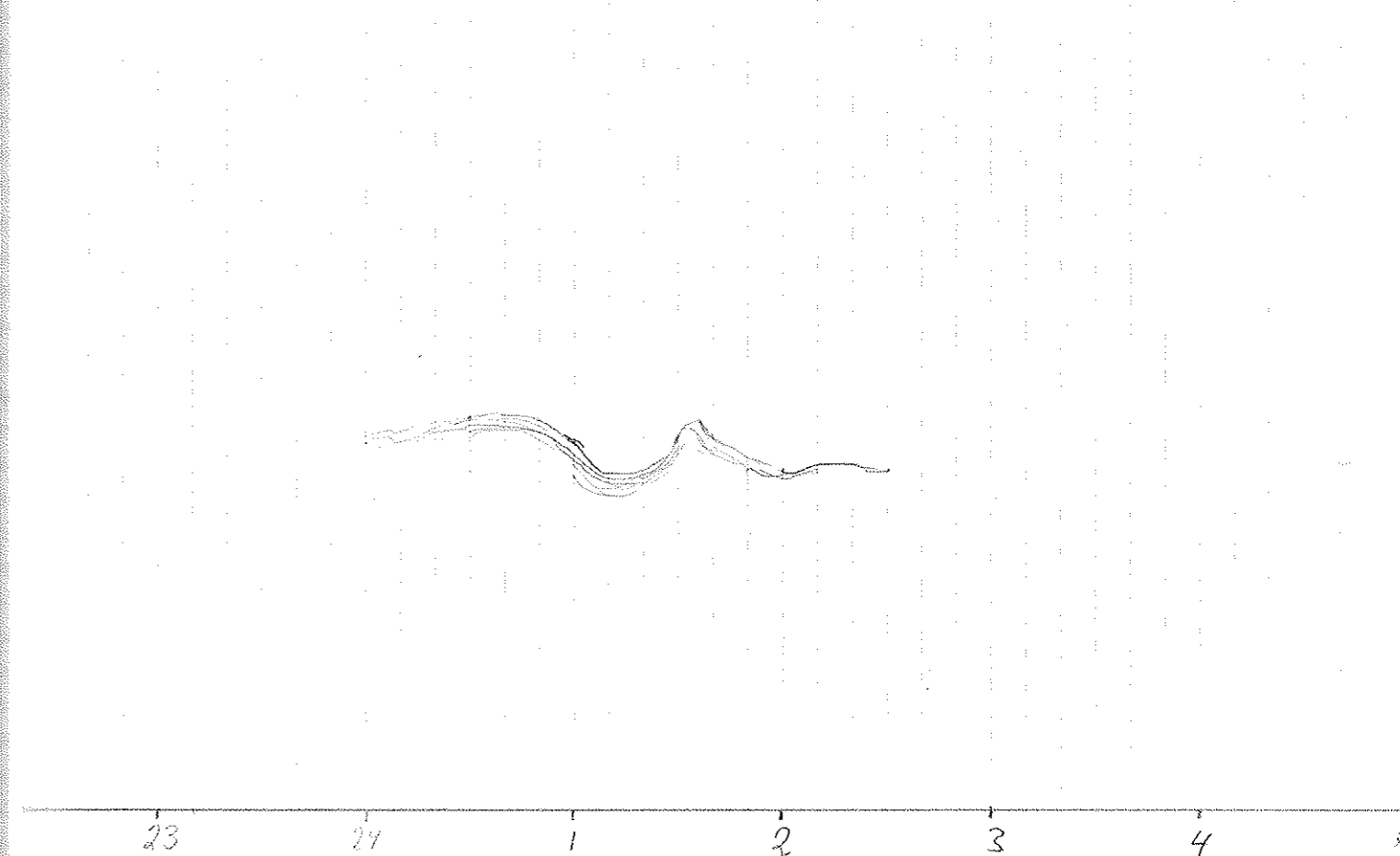
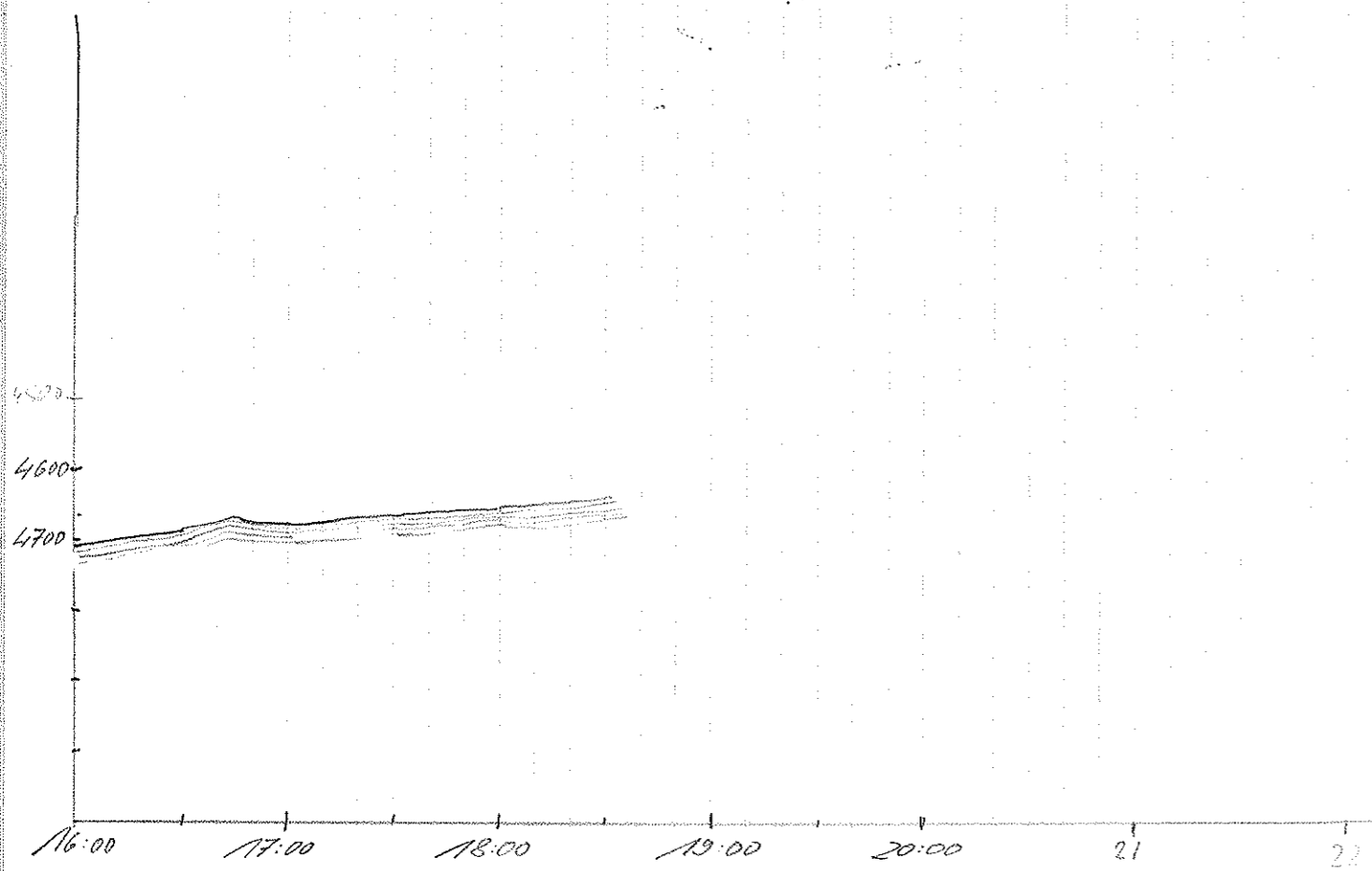
Roll	Profile	Date	Time	Lat S	Lon W	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse-length	Observer	Remarks
27	10/821	6.3.87	12:30	66° 01.25	37° 11.50	4687	8.1	297.8	K-P-K-P-	7	0.00	1.0	Niederjager	
"	"	"	13:02	00.89	16.82	4640	3.6	280.1	"	"	"	"	"	
"	"	"	13:13	00.52	18.10	4623	3.5	279.8	"	"	"	"	"	Ende Profil, Station 10/822
"	"	"	13:58	00.32	21.05	4689	1.3	236.0	"	"	"	"	"	Stand by
"	10/823	"	16:46	65 59.80	23.30	4687	3.6	299.2	"	"	"	"	Kuhn	17:00 Start Profil
"	"	"	17:07	59.11	25.78	4685	7.0	300.6	"	"	"	"	Johat	
"	"	"	17:30	57.13	33.70	4702	10.0	292	"	"	"	"	"	
"	"	"	18:00	54.80	43.77	4705	9.9	292	"	"	"	"	"	
"	"	"	18:30	52.74	54.86	4697	9.9	298	"	"	"	"	"	
"	"	"	19:00	50.13	38° 06.25	4701	9.9	290	"	"	"	"	"	
"	"	"	19:30	47.96	16.96	4684	10.2	301	"	"	"	"	"	
"	"	"	20:00	45.23	28.05	4664	10.4	298	"	"	"	"	"	
"	"	"	20:30	42.74	39.58	4708	11.4	296.4	"	"	"	"	"	
"	"	"	21:00	40.58	52.11	4658	11.0	298.3	"	"	"	"	"	Moberg
"	"	"	21:33	37.68	39° 03.60	4644	10.6	297.3	"	"	"	"	"	
"	"	"	22:00	35.23	13.72	4622	10.7	297.2	"	"	"	"	"	
"	"	"	22:32	33.24	25.50	4639	10.3	297.0	"	"	"	"	"	
"	"	"	23:00	31.95	34.83	4662	10.3	297.6	"	"	"	"	"	
"	"	"	23:30	28.71	46.25	4685	10.5	297.5	"	"	"	"	"	
"	10/823	07.03.87	00:00	65 26.53	39 56.22	4699	10.2	297.2	"	"	"	"	KROUSE	Interessante Strukturen
"	"	"	00:30	24.30	40 06.34	4707	10.2	294	"	"	"	"	"	- Lt. Gerhard ka -



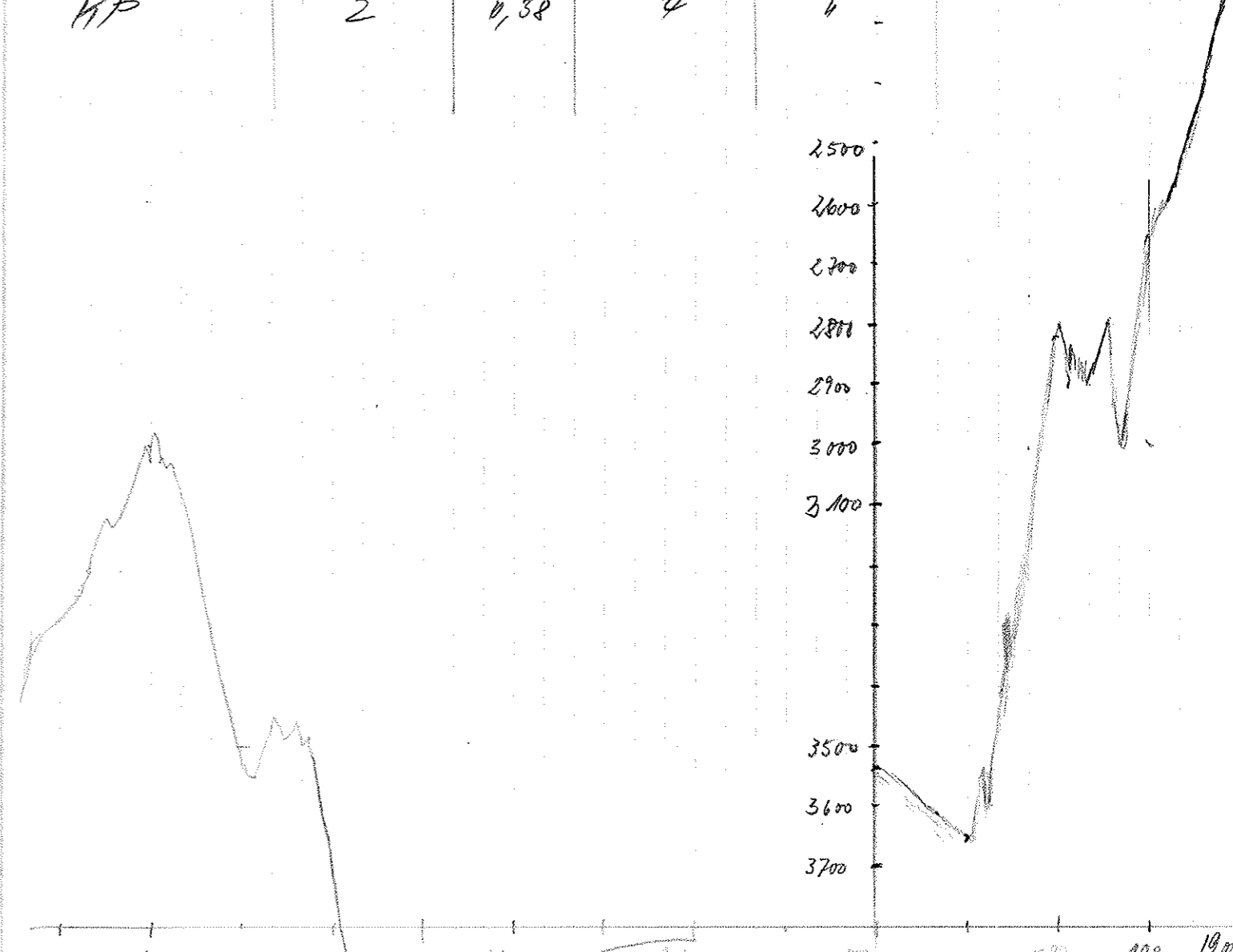
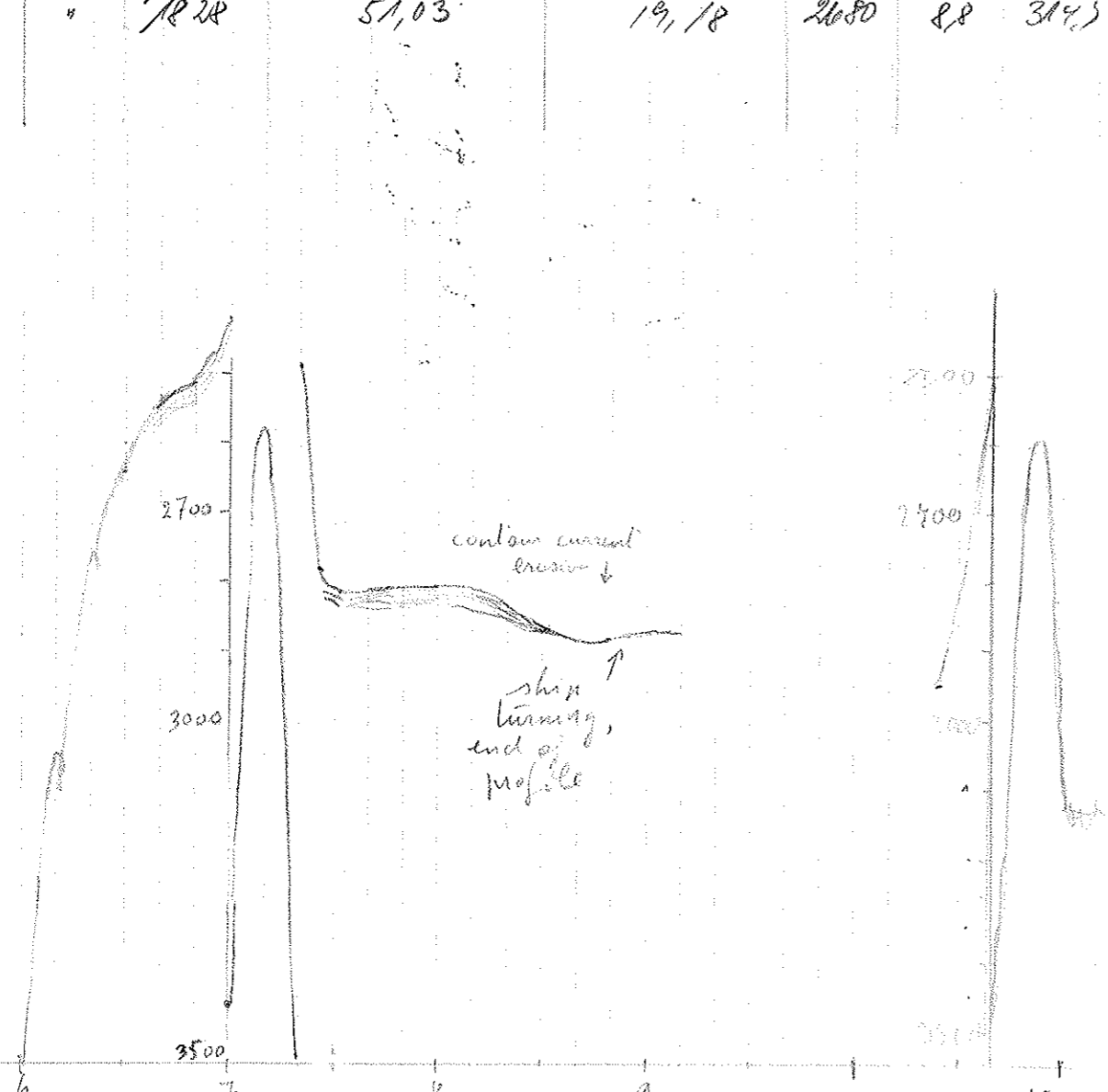
Roll	Profile	Date	Time	Latitude δ	Longitude δ	MB20 Depth	Temp. Speed Course	Trigger	Sweeps	Delay	Reel Length m/s	Recording	Remarks
27	10/823	07.03.87	01:00	65° 22, 06	40° 10, 79	4715	10,1 295,3	KP-K-P	7	0,00	1	MARUSE	
"	"	"	01:30	19, 89	27, 81	4723	10,1 295,3	"	"	"	"	"	Verbleiben des, flühen nahe u. auch tieferer Horizonte = 40m
"	"	"	02:02	17, 58	38, 02	4684	10,0 294,4	"	"	"	"	"	
"	"	"	02:30	15, 53	47, 79	4720	10,0 295,2	"	"	"	"	"	
"	"	"	03:00	13, 30	58, 75	4723	9,9 295,2	"	"	"	"	"	
"	"	"	03:31	11, 01	41 08, 96	4726	9,8 297,2	"	"	"	"	"	
"	"	"	04:00	08, 80	41 18, 43	4729	9,3 302,5	KP-K-P	7	0,00	1	MARUSE	
"	"	"	04:32	06, 39	29, 26	4722	9,4 293,7	"	"	"	"	"	
"	"	"	05:04	04, 36	39, 92	4717	8,8 302,7	"	"	"	"	"	
"	"	"	05:33	02, 34	48, 76	4713	7,8 290,0	"	"	"	"	"	
"	"	"	06:01	01, 35	47 56,00	4708	5,6 307,1	"	"	"	"	"	Magnolometer Prof. in ob
"	"	"	06:36	00, 36	42 00,53	4705	2,8 323,5	"	"	"	"	"	Station 3,5 kHz aus
"	"	"	06:46	00, 05	00, 37	4705	0	"	"	"	"	"	
"	"	"	07:42	"	"	"	"	"	"	"	"	"	
"	Station 10/825	"	12:40	"	"	4708	"	KP	2	0,38	1	Ma	3,5 kHz aus
"	"	"	13:00	64 57, 57	42 00, 06	4726	7,6 0,7	KP	"	"	"	Gi	
"	10/825	"	13:35	64 53, 37	42 04, 84	4719	8,5 316,0	"	"	"	"	Gi	
"	"	"	13:42	"	"	"	"	KP-K-P	7	0,00	1	Gi	
"	"	"	14:04	64 52, 80	42 11, 49	4719	9,0 318,6	KP	2	0,38	1	Gi	
"	"	"	14:36	64 47, 33	42 19, 13	4723	8,4 318,2	"	"	"	"	Gi	
"	"	"	15:02	64 44, 87	42 24, 39	4728	9,0 316,5	"	"	"	"	Gi	
"	"	"	15:32	64 41, 83	42 32, 25	4718	9,1 314,7	"	"	"	"	Gi	



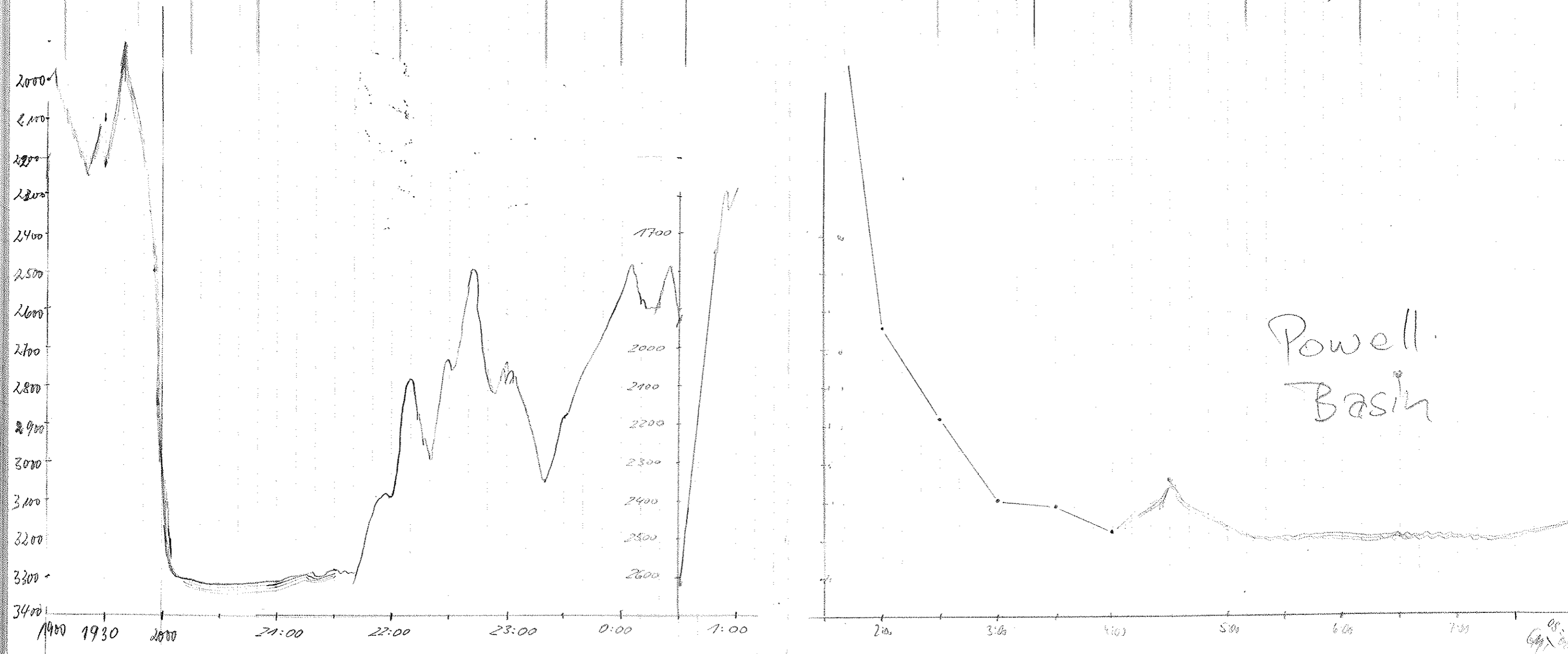
Roll	Profile	Date	Time UTC (GMT)	Latitude S	Longitude W	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse length	Recording	Remarks
27	10/825	7.3.87	16:01	64° 38.73'	42° 38.68	4715	9.1	317.7	KP	2	.38	1.0	Niederjasper	
"	"	"	16:30	35.57'	45.39	4692	8.8	319.2	"	"	"	"	"	
"	"	"	17:00	31.87'	51.78	4678	9.4	324.9	"	"	"	"	"	
"	"	"	17:32	27.96'	58.60	4668	8.8	324.5	"	"	"	"	"	
"	"	"	18:07	24.40'	43° 04.70	4656	9.7	322.4	"	"	"	"	"	
"	"	"	18:34	20.00'	11.46	4644	4.0	336.9	"	"	"	"	"	Ende Profil
28	10/827	"	22:03	64° 19 36'	43 13 41	4650	5.0	324.0	KP-K-P-	7	.00	"	Soll'w	Begin Profil 10/827
"	"	"	22:30	17 17	1822	4627	10.4	315.1	"	"	"	"	"	
"	"	"	23:06	12 43	27 18	4623	9.4	318.6	"	"	"	"	"	
"	"	"	23:30	09 76	32 43	4600	9.0	320.6	"	"	"	"	"	
"	"	"	00:00	05 58	39 83	4567	9.3	323.1	"	"	"	"	"	
"	"	8.3.87	0:35	64° 01.61	48.40	4518	9.6	321.3	"	"	"	"	UoBare	
"	"	"	1:01	63° 58.82	53.56	4565	8.6	320.2	"	"	"	"	"	
"	"	"	1:30	55.73	58.93	4560	8.7	322.1	"	"	"	"	"	
"	"	"	2:00	52.85	44° 04.59	4610	8.6	319.0	"	"	"	"	"	
"	"	"	2:30	51.23	07.83	4612	3.9	297.0	"	"	"	"	"	
"	"	"	2:32	57.15	08.01	4644	1.9	353.5	"	"	"	"	"	Ende Profil
"	10/829	"	GMT 6:00	50.64	07.11	4505	7.0	333	KP-K-P-	"	"	"	Herrsch	Start New Profile
"	"	"	6:10	"	"	"	"	"	KP	2	0.00	"	"	
"	"	"	6:15	"	"	"	"	"	KP	3	0.00	"	"	
"	"	"	6:31	63° 45.42	44° 11.50	3648	10.6	325.7	"	2	0.00	"	"	



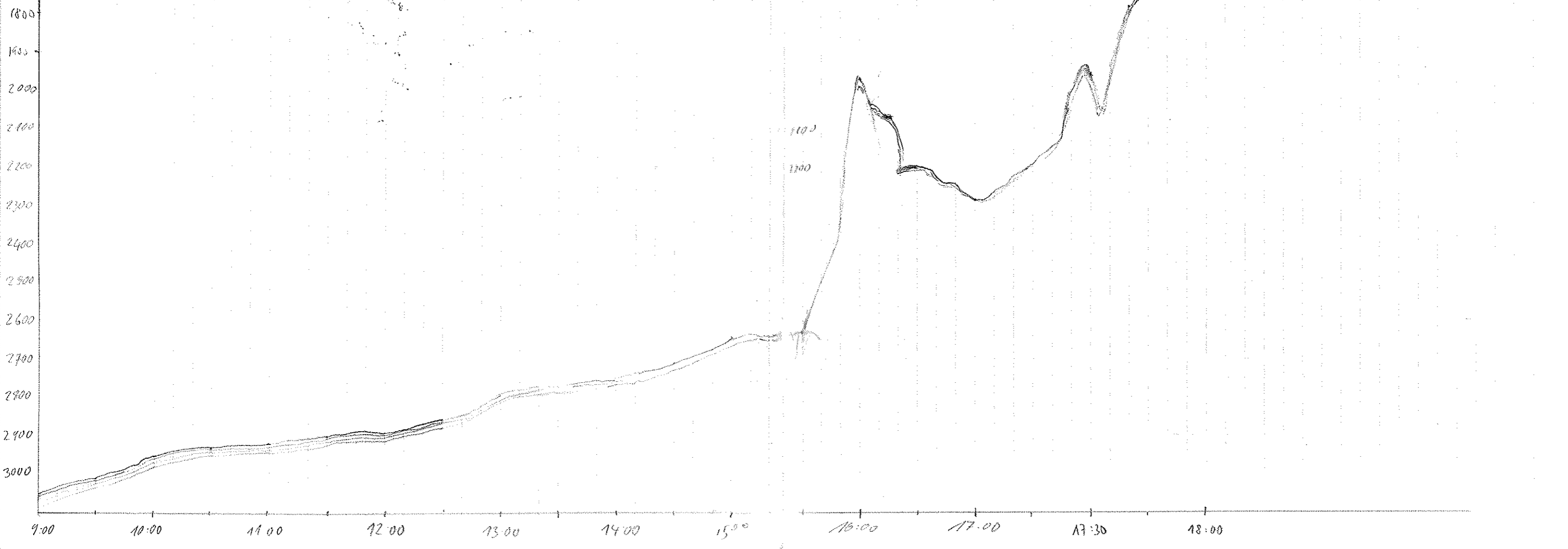
Roll	Profile	Date	Time GMT	Latitude S	Longitude W	Depth	Speed	Course	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
28	101829	8.3.87	06:53	63° 42.28	44° 16.31	3468	10.5	323.6	KP	2	0.13	1.0	Hemmet	
"	"	"	07:00	41.25	17.87	3445	10.5	329.2	"	"	0.38	"	"	
"	"	"	"	39.98	19.67	3033	10.4	332.4	K-P	3	0.38	"	"	7.45 - 7.50 variable sweeps and delay
"	"	"	07:24	37.46	22.48	3492	10.3	333.5	KP	2	0.25	"	"	
"	"	"	07:26	36.75	23.30	3785	10.1	332.5	KP	3	0.00	"	"	
"	"	"	07:30	36.08	24.02	3811	10.5	334.5	KP	"	"	"	"	
"	"	"	07:45	33.85	26.31	3806	10.3	334.2	"	"	0.25	"	"	
"	"	"	08:01	31.18	29.15	3805	10.2	333.4	"	"	"	"	"	
"	"	"	08:33	26.90	33.88	3867	5.8	331.2	"	"	"	"	"	8.25 Interruption Echo sound.
"	"	"	08:50	25.35	35.63	3878	6.7	325.5	"	"	"	"	"	8.50 End of profile
"	"	"	09:00	24.87	36.33	3574	0.6	309	"	"	"	"	"	End of recording
28	101830	8.3.87	11:25	63° 24.15	44° 36.40	3955	1.2	341.1	KP	3	0.00	1.0	Le	Profile begins
"	"	"	11:32	23.93	35.84	3406	7.4	325.8	KP	2	0.25	1.0	Le	
"	"	"	11:51	21.36	38.90	3208	10.6	336.1	K-P	3	0.00	1.0	Le	
"	"	"	12:03	19.02	41.34	3036	11.0	335.8	K-P	3	0.25	1.0	Le	
"	"	"	12:30	14.94	45.43	3088	10.8	338.6	K-P	3	0.25	1.0	Le	
"	"	"	13:00	09.87	49.74	2810	11.1	340.5	KP	2	0.00	"	Hardly	
"	"	"	13:30	04.67	54.24	3290	10.8	340.4	K-P	3	0.38	"	"	
"	"	"	14:00	01.16	58.49	3345	9.3	337.6	"	"	"	"	"	
"	101833	8.3.87	17:00	62° 58.41	44° 59.75	3543	0.2	357	KP	2	0.13	"	KROUSE	14:21 Profile Ende
"	"	"	17:23	57.11	45 02.91	3614	9.7	307	HP	2	0.00	1.0	"	
"	"	"	17:31	56.38	04.85	3648	8.7	309	"	"	"	"	"	
"	"	"	18:00	53.61	12.27	2831	8.9	306.9	K-P - - -	3	0.38	1.4	"	
"	"	"	18:28	51.03	19.18	2680	8.8	314.3	KP	2	0.38	1.4	"	



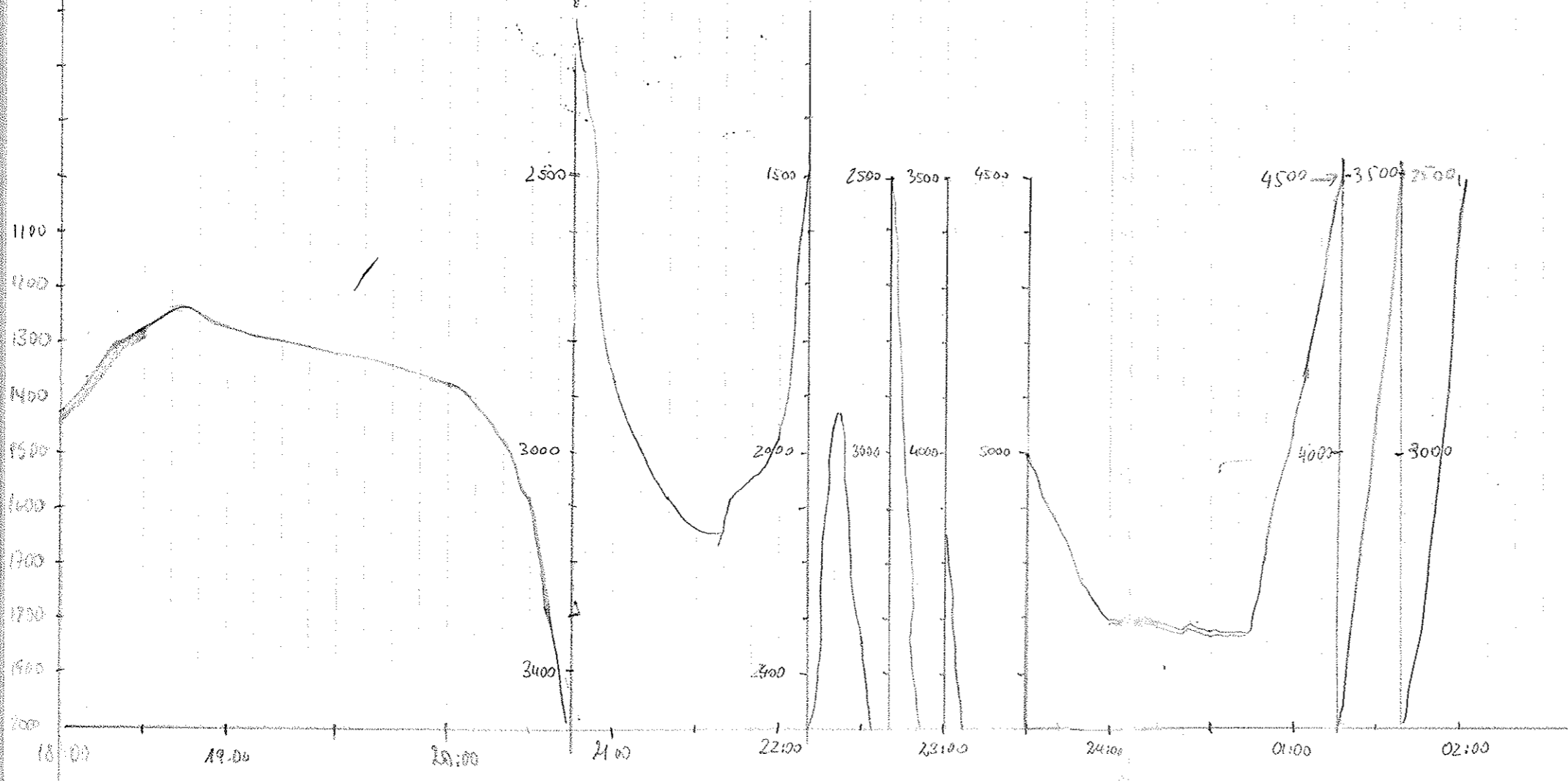
Roll Profile	Date	GMT Time	Latitude [S]	Longitude [W]	Depth	Comp. Speed	Course	Trigger	Sweeps	Delay	Pulse length	Recording	Remarks	
28	10/8/33	8:30	19:00	62° 47.10	45 33.80	2195	10.6	313.2	KP	2	00	4.0	Osterhus	Skizze Vorderseite
28	10/8/33	"	19:30	62° 43.48	45 42.87	2157	10.1	313.4	"	"	"	"	"	"
"	"	"	20:30	62° 37.01	45 50.36	3317	9.6	315.4	"	"	"	"	"	"
"	"	"	21:01	62° 33.81	46 04.73	3307	9.6	312.5	KP-	3	"	"	"	"
"	10/8/33	"	21:30	30.82	12.63	3288	9.9	304.7	"	"	"	"	Niederjaspel	"
"	"	"	22:00	27.67	20.62	3025	9.8	320.9	"	"	"	"	"	"
"	"	"	22:30	24.13	27.70	2746	9.9	315.0	KP	2	.25	"	"	"
"	"	"	23:00	21.16	35.37	2747	9.7	310.8	"	"	"	"	"	"
"	"	"	23:30	17.96	42.77	2826	10.1	315.0	K-P	3	"	"	"	"
"	"	9:38	0:00	14.87	50.60	2554	9.9	308.0	"	"	"	"	"	"
"	"	"	0:30	11.73	58.31	2623	10.0	305.6	"	"	"	"	"	"
"	"	"	1:00	08.94	47 06.79	1566	9.8	303.2	KPK-P	5	"	"	"	"
"	"	9:38	1:30	05.66	14.79	1492	9.9	313.1	"	"	"	"	"	Folat
"	"	"	2:00	02.24	22.31	2648	9.9	312.1	KPK-P	5	0.38	"	"	"
"	"	"	2:31	61° 58.82	30.75	2879	10.2	310.2	KP-	2	0.00	"	"	"
"	"	"	3:00	55.65	32.11	2993	9.8	313.3	K-P	3	0.0	"	"	"
"	"	"	3:30	52.41	46.45	3102	10.1	311.7	"	"	"	"	"	"
"	"	"	4:00	49.28	55.03	3178	10.8	308.6	"	"	"	"	"	"
"	"	"	4:30	45.38	48° 02.39	3044	10.7	304.6	"	"	"	"	"	"
"	"	"	05:00	42.20	49 12.12	3177	10.7	305.7	"	"	"	"	"	Heinrich Hingze
"	"	"	08:15	21.64	49 01.25	3127	9.5	320.7	"	"	"	"	"	"



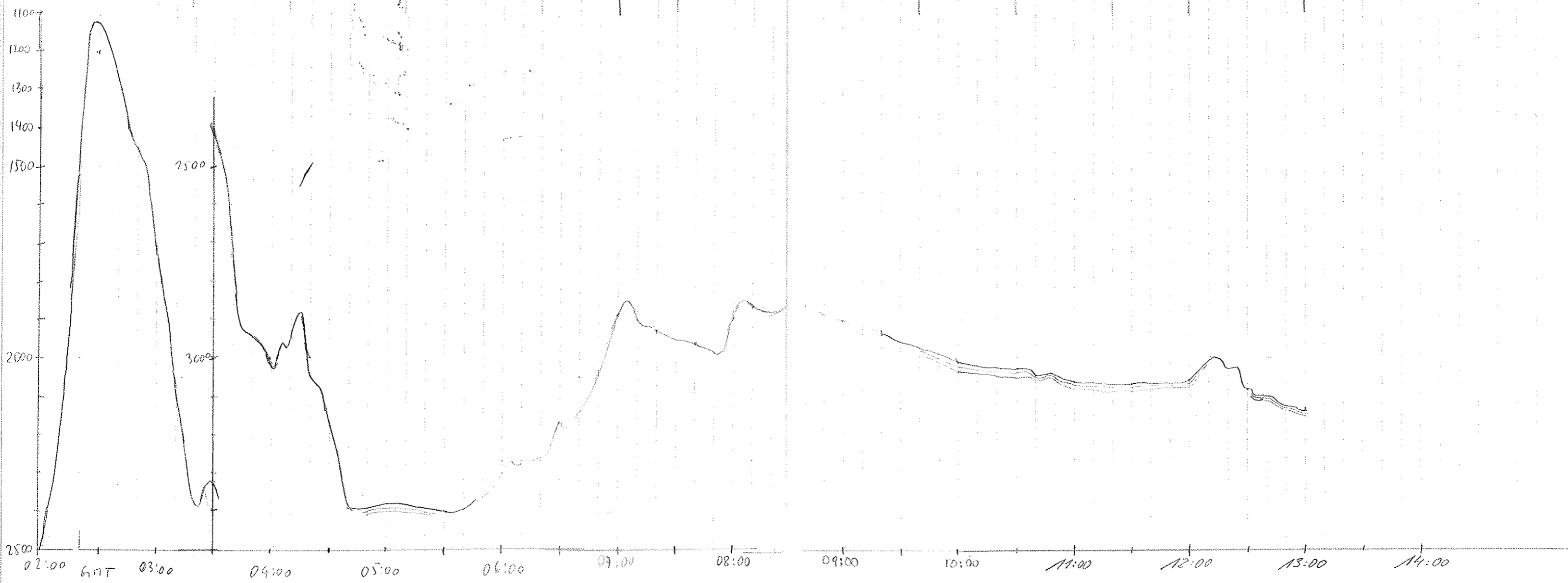
Roll	Profile	Date	GMT Time	Lat S	Lon W	Depth	Comp.		Trigger	Sweeps	Delay	Shot Length	Recording	Remarks
							Speed	Course						
28	10/833	9.3.87	9:04	61° 16.34'	49° 12.80'	3061	9.2	304.7	K-P	3	0.25	1	Kashu	
"	"	"	9:30	61° 13.98'	49° 14.37'	3008	9.2	310.0	"	"	"	"	"	
"	"	"	10:01	11.11'	26.97'	2956	5.3	308.2	"	"	"	"	"	Ausbringen Streamer
"	"	"	10:31	8.93'	26.58'	2940	4.1	351.3	"	"	"	"	"	
"	10/834	"	11:00	7.51'	26.71'	2930	5.3	335.7	"	"	"	"	"	Beginn Profil 10/834
"	"	"	11:30	5.80'	30.12'	2903	4.7	32.6	"	"	"	"	"	
"	"	"	12:00	3.92'	33.61'	2894	5.0	31.4	"	"	"	"	"	
"	"	"	12:30	7.92'	37.43'	2859	5.1	31.8	KP	2	0.13	"	"	
"	"	"	13:00	0.09'	40.92'	2777	5.6	314.7	"	"	"	"	"	Sande
"	"	"	13:20	0.63'	41.39'	2725	5.3	315.7	"	"	"	"	"	"
"	"	"	13:40	60° 59.69'	43.02'	2720	5.6	314.0	"	"	"	"	"	"
"	"	"	14:00	58.68'	45.12'	2754	5.5	322.8	"	"	"	"	"	"
"	"	"	14:15	57.76'	46.74'	2735	5.7	318.4	"	"	"	"	"	"
"	"	"	14:30	56.90'	48.12'	2704	5.5	319.9	"	"	"	"	"	Niederjaspe
"	"	"	15:00	55.08'	51.04'	2646	5.8	317.4	"	"	"	"	"	"
"	"	"	15:25	60 53.63'	49 53.52'	2630	5.7	316.9	KP - - - -	2	0.13	"	"	Bänke
"	"	"	15:35	53.12'	54.40'	2567	5.2	316.4	KP - - - -	1	0.38	"	"	Neubauer
"	"	"	15:41	52.76'	55.04'	2420	5.7	318.3	KP KP - - -	5	0.00	"	"	Neubauer
"	"	"	15:53	53.20'	56.18'	2200	5.5	317.5	"	1	0.25	"	"	Neubauer
"	"	"	15:57	51.90'	56.53'	1900	5.5	318.7	KP	2	0.00	"	"	Neubauer
"	"	"	16:30	49.82'	50° 00.50'	2232	4.8	318.0	KPKP -	5	0.25	"	"	Kashu
"	"	"	17:00	48.29'	03.89'	2288	5.1	319.5	"	1	"	"	"	Hoban
1400	"	"	17:19	47.05'	05.70'	2090	5.0	325.4	KP - - - -	2	0.13	"	"	Walt
1500	"	"	17:30	46.33'	06.78'	1967	5.2	323.4	"	"	"	"	"	Völk
1600	"	"	17:43	45.72'	08.99'	1811	6.0	326.7	KP - - - -	2	0.25	"	"	Bunke
1700	"	"	17:48	45.42'	09.41'	1712	5.5	326.3	KPKP - - - -	5	0.00	"	"	Bunke



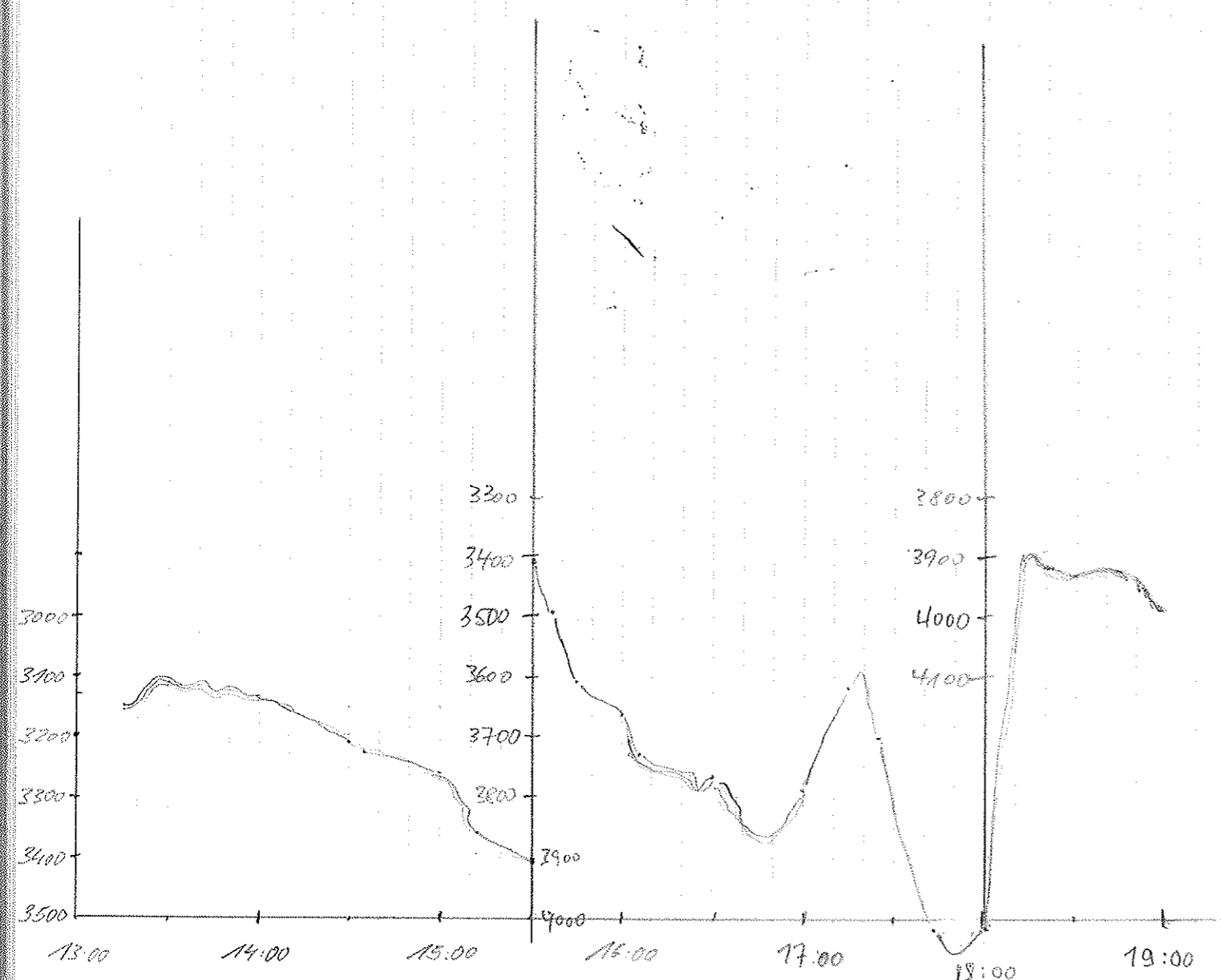
Roll	Profile	Date	GMT Time	Lat. S	Lat. N	Depth	Comp. Speed	Course	Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
28	10/834	9.3.87	17:59	60 44.74	50 10.39	1555	5.6	326.5	KPK-P---	5	0.38	1	Bunke	
"	"	"	18:00	44.54	10.63	1438	5.8	328.1	KPK-P---	5	0.38	"	Bunke	
"	"	"	18:30	43.07	12.82	1290	5.5	327.7	KPK-P---	5	0.38	"	Bunke	
"	"	"	19:00	41.34	15.07	1268	4.4	326.7	"	"	"	0.5	KARLEN	
"	"	"	19:30	39.45	17.52	1303	4.7	326.4	"	"	"	"	KARLEN	
"	"	"	20:00	37.39	19.66	1387	4.7	321.6	"	"	"	"	"	
"	"	"	20:15	36.50	21.08	1589	4.5	321.2	"	"	0.13	"	"	
"	"	"	20:30	35.63	22.37	1108	4.5	325.2	KPK-P---	"	"	"	"	
"	"	"	20:30	35.35	22.78	1798	4.8	324.5	KPK-P---	2	0.25	"	"	
"	"	"	20:45	34.64	23.98	2372	4.4	313.5	KPK-P---	5	0.25	"	"	
"	"	"	20:55	34.13	25.21	2807	4.7	307.0	KPK-P---	2	0.00	"	"	
"	"	"	21:00	33.89	25.85	2866	4.7	308.2	KPK-P---	2	"	"	"	
28	10/834	9.3.87	21:18	60° 32.96	50° 27.74	3090	5.0	327.4	K-P	3	0.00	1.0	KARLEN	
"	"	"	21:45	31.01	31.08	3016	5.3	320.4	"	"	0.25	"	"	
"	"	"	22:00	29.92	32.93	2795	5.3	321.3	KP	2	0.25	"	"	
"	"	"	22:10	29.40	33.98	2432	5.3	330.8	KPK-P-	5	0.25	"	"	
"	"	"	23:00	25.82	37.99	4166	4.6	329.8	KP	2	0.38	"	"	
"	"	"	23:30	23.93	40.50	5001	4.7	324.6	KP	2	0.00	4.0	"	
"	"	10.3.87	00:00	22.18	42.82	5296	4.5	317.6	KPK-P	5	0.25	4.0	"	
"	"	"	00:30	20.51	45.97	5331	4.7	316.6	"	"	"	"	"	
"	"	"	00:53	19.19	48.48	5185	4.6	315.7	KP	2	0.25	"	"	
"	"	"	01:07	18.37	50.07	4792	4.9	316.3	KP-K-P-	7	0.25	1.0	"	
"	"	"	01:25	16.93	51.14	4056	4.9	317.4	KP	2	0.25	1.0	"	
"	"	"	01:37	16.23	52.33	3451	4.6	318.2	KP	3	0.25	"	"	
"	"	"	01:42	15.90	52.85	3155	5.0	318.6	K-P	3	0.15	"	"	
"	"	"	01:48	15.53	53.42	2864	4.8	316.8	KP	2	0.0	"	"	



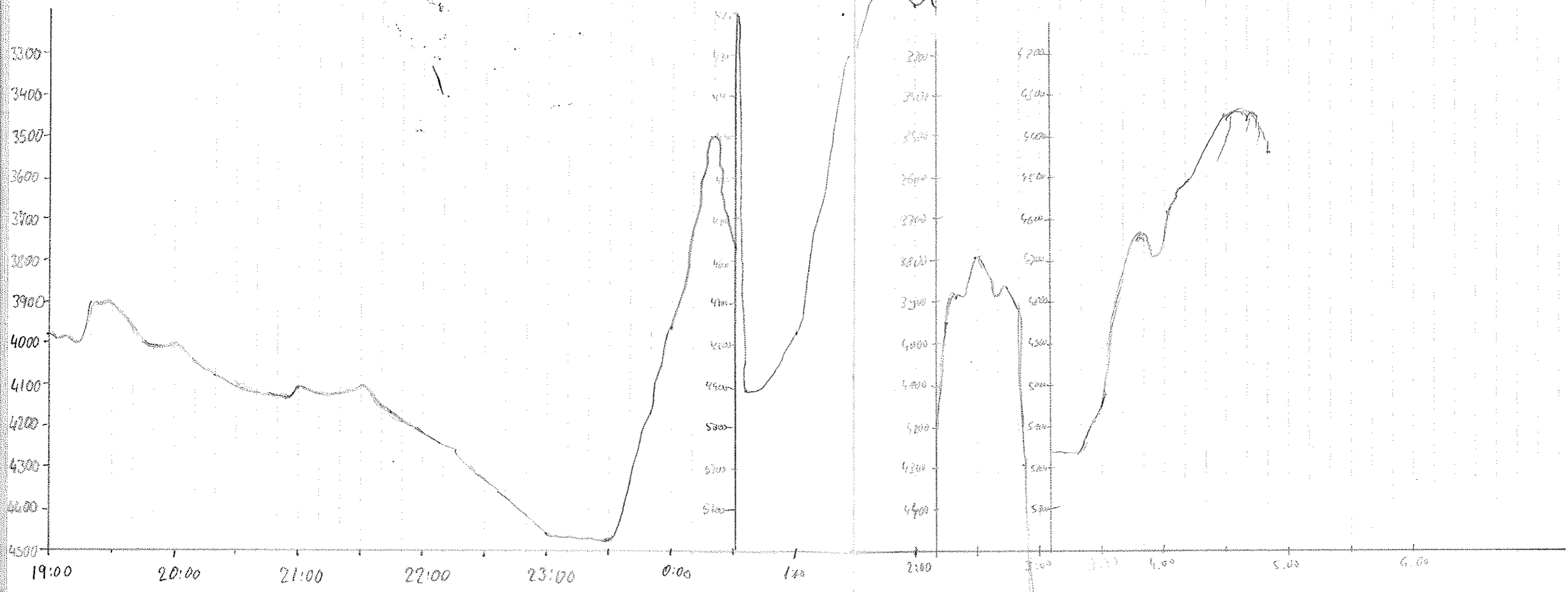
Roll	Profile	Date	GNT	Lat S	Lat W	Depth	Comp Speed	Comp Course	Trigger	Sweeps	Delay	Pulse Length	Revolving	Remarks
28	10/834	10.387	01:54	60° 15.40	50° 54.06	2503	4.5	317.9	KPKP	5	0.13	1.0	Out	
"	"	"	02:02	14.69	54.81	2198	4.5	321.5	KP	2	0.13	"	"	
"	"	"	02:13	13.98	55.85	1788	5.2	320.6	KPK-P	5	0.13	"	"	
"	"	"	2:23	13.15	57.04	1354	4.3	324.1	KP	2	0.13	"	"	
"	"	"	2:45	12.19	59.18	1404	4.5	326.9	KPK-P	5	0.13	"	"	
"	"	"	3:04	11.05	51 01.32	1848	4.7	327.5	KP	2	"	"	"	
"	"	"	3:15	10.27	02.20	2264	4.7	329.5	KPKP	5	"	"	"	
"	"	"	3:39	08.75	04.69	2648	4.8	330.5	KP	2	"	"	"	
"	"	"	3:48	08.16	05.31	2885	4.7	331.3	K-P	3	"	"	"	
"	"	"	4:27	05.79	08.58	2951	4.7	331.5	KP	2	0.0	"	"	
"	"	"	4:32	5.43	08.97	3080	4.8	331.7	K-P	3	0.0	"	"	
"	"	"	4:45	4.58	10.21	3361	5.1	330.9	KP	2	0.13	"	"	
"	"	"	5:30	1.69	13.97	3391	4.6	327.9	KP	2	0.13	"	"	
"	"	"	6:04	59° 49.26	17.49	3290	4.6	323.7	K-P	2	0.38	"	GRAE	
"	"	"	6:43	59.37	20.58	3088	4.6	327.9	K-P	3	0.13	"	"	
"	"	"	6:52	56.46	21.85	2939	4.2	327.2	K-P	3	0.38	"	"	
"	"	"	10:00	45.47	36.49	3012	4.6	317.9	"	"	"	"	Niederjaser	
"	"	"	10:34	43.32	39.71	3026	4.5	314.4	"	"	"	"	"	
"	"	"	11:00	41.80	41.46	3057	4.4	329.4	"	"	0.13	"	"	Ende Profil, Streamer wird eingeh.
"	"	"	11:30	41.14	42.08	3065	1.2	307.3	"	"	"	"	"	
"	10/835	"	12:00	40.22	41.16	3052	6.0	20.4	"	"	"	"	"	Start Profil
"	"	"	12:30	35.56	36.83	3081	12.5	33.5	"	"	"	"	"	
"	"	"	13:00	29.86	29.51	3128	13.8	57.4	"	"	"	"	"	Rolle gewechselt



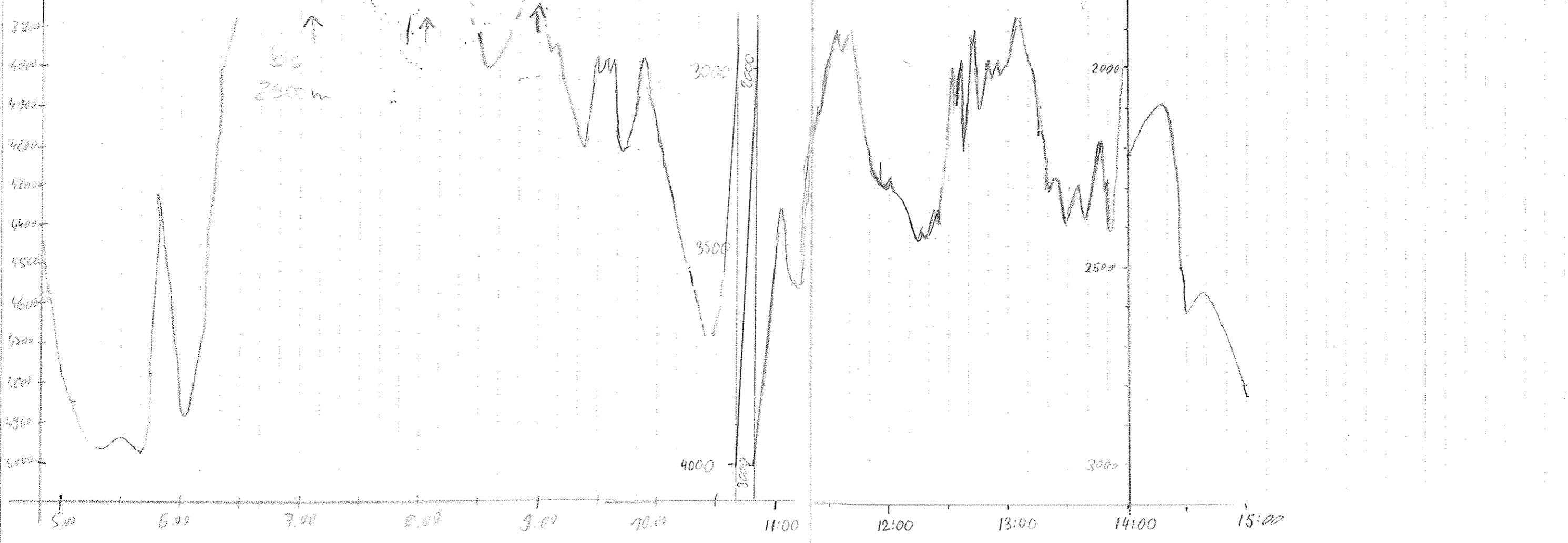
Roll	Profile	Det	GMT	Lat S	Lon W	Depth	Comp		Tigger	Sweeps	Delay	Pulse Length	Recording	Remarks
							Speed	Course						
29	10/835	10.3.87	13:14	53° 27.08	57° 27.03	3150	13.8	2.1	K-P	3	0.13	1.0	Niederjager	Start mit neuer Rolle
"	"	"	13:30	23.44	26.38	3117	13.5	2.5	"	"	"	"	"	"
"	"	"	14:00	17.48	23.21	3140	13.9	46.4	"	"	"	"	"	"
29	"	"	14:30	11.36	26.05	3208	13.1	316.5	"	"	"	1.0	Lindner	"
"	"	"	14:35	10.57	27.47	3222	13.4	339.0	"	"	0.00	1.0	"	"
"	"	"	15:00	05.40	31.13	3254	13.8	339.0	"	"	"	"	"	"
"	"	"	15:13	02.65	35.27	3359	13.5	317.3	KP	2	0.38	"	"	"
"	"	"	15:30	58 59.30	38.38	3403	13.7	338.1	KP	"	"	"	"	"
"	"	"	15:36	57.85	39.53	3495	13.8	336.5	"	"	0.25	"	"	"
"	"	"	15:45	56.06	41.11	3604	13.5	337.6	"	"	0.00	"	"	"
"	"	"	16:00	53.38	43.05	3664	13.8	343.6	"	"	"	"	"	"
"	"	"	16:06	51.72	44.11	3736	13.8	340.4	KP	3	0.25	"	"	"
"	"	"	16:30	47.07	48.51	3764	13.4	332.5	"	"	"	"	"	"
"	"	"	17:00	41.46	53.93	3787	13.2	333.2	"	"	"	"	"	"
"	"	"	17:16	37.94	57.04	3698	13.0	336.6	"	2	0.00	"	"	"
"	"	"	17:25	26.22	58.41	3699	11.1	338.5	"	3	0.25	"	"	"
"	"	"	17:43	33.28	52 02.21	4017	12.9	330.0	"	3	0.00	"	"	"
"	"	"	18:00	30.30	05.29	4010	13.1	338.1	"	4	"	"	"	"
"	"	"	18:31	23.59	09.02	3944	12.5	336.6	"	"	"	"	"	"
"	"	"	19:00	17.88	13.99	3986	13.2	336.4	"	"	"	"	"	"



Roll	Profile	Date	GMT	Lat S	Lon W	Depth	Comp		Trigger	Sweeps	Delay	Pulse Length	Recording	Remarks
							Speed	Course						
29	10/835	10.03.87	19:00	58° 17.88	52° 13.93	3986	13.2	336.4	KP	3	0.00	1.0	Re	
"	"	"	19:30	11.96	19.07	3934	13.6	335.4	"	"	"	"	Re	
"	"	"	20:00	05.16	24.87	4014	14.1	338.2	"	"	"	"	Re	
"	"	"	20:30	57° 58.90	30.01	4065	14.1	334.5	"	2	0.38	"	Re	
"	"	"	21:00	52.45	35.51	4096	13.8	335.9	"	"	"	"	Re	
"	"	"	21:30	46.28	40.37	4099	13.6	333.2	"	"	"	"	Re	
"	"	"	21:40	44.33	42.20	4160	13.6	333.9	"	"	0.00	"	Re	
"	"	"	22:00	40.18	45.83	4219	13.4	335.4	"	"	"	"	Re	
"	"	"	23:00	28.76	55.19	4462	10.1	335.6	KP-V-P-	7	0.25	"	Jabal	
"	"	"	23:31	24.64	59.02	4486	9.8	331.4	"	"	"	"	"	
"	"	11.03.87	00:01	20.22	53° 03.25	3962	10.8	336.9	KP-	3	0.0	"	"	
"	"	"	00:30	15.89	06.38	3764	10.1	337.7	KP	2	"	"	"	
"	"	"	01:00	11.49	09.48	4762	9.9	337.1	KP-K-P-	7	"	"	"	
"	"	"	01:37	05.93	13.99	4335	9.8	335.9	KP-	2	"	"	"	
"	"	"	02:00	03.15	16.54	4161	8.8	332.7	"	"	0.25	"	"	
"	"	"	02:15	01.07	17.13	3949	9.8	336.5	KP-	2	0.00	"	Wsbary	
"	"	"	02:28	56° 59.19	18.79	3796	9.8	335.0	KP-	2	0.25	"	"	
"	"	"	02:43	56.65	21.95	3949	9.2	332.5	KP-	2	0.00	"	"	
"	"	"	2:53	58.18	22.31	4296	9.7	336.3	KP-	2	0.00	"	"	
"	"	"	2:56	55.67	22.70	4632	9.0	338.2	KP-K-P-	7	0.25	"	"	blöde Gegend!
"	"	"	3:02	51.92	23.29	4800	9.6	332.2	KP-K-P-	7	0.00	"	"	
"	"	"	3:04	59.63	23.57	5070	9.7	316.2	KP	2	0.13	"	"	
"	"	"	3:05	54.37	23.70	5764	9.4	336.7	KP-K-P	5	0.38	"	"	also little!
"	"	"	3:31	52.07	26.76	5025	9.5	336.5	KP	2	0.13	"	"	
"	"	"	3:36	50.36	27.57	4860	9.8	336.5	KP-K-P-	7	0.00	"	"	
"	"	"	4:12	45.93	31.61	4515	9.0	332.3	KP-K-P	7	0.25	"	"	
"	"	"	4:27	44.57	32.06	4324	8.9	334.2	KP	2	0.00	"	"	



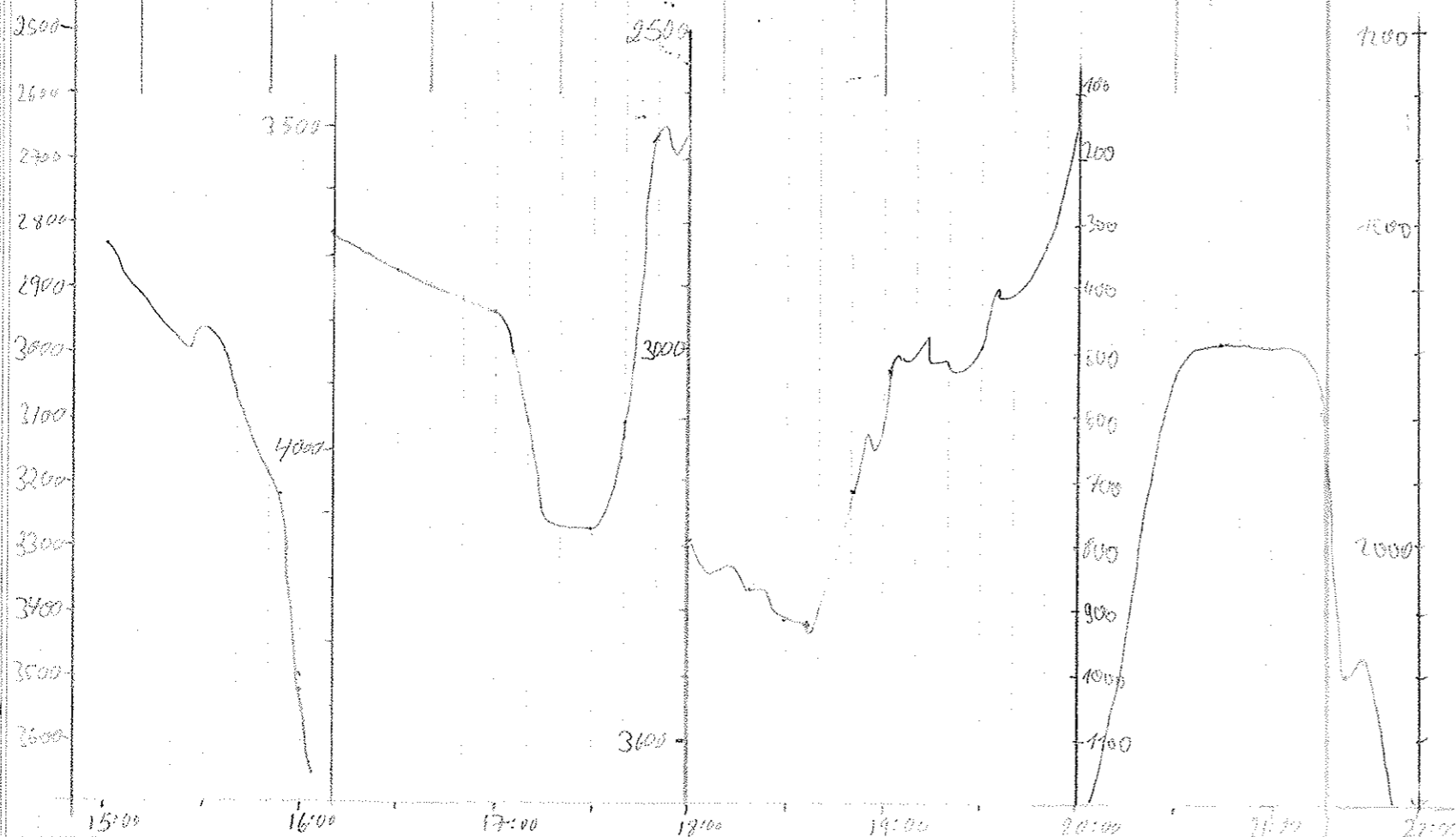
Rolle	Profil	Deckname	GMT	Lat. S	Lon W.	Tiefe	Speed	Klors	Trigger	Sweeps	delay	Pulsbreite	Recording	Bem.
29	10/835	11.3.87	4.52	56° 41.00	53° 39.77	4563	9.1	335.1	KP-K-P	7	0.25	7.0	Usborg	
"	"	"	4.53	40.76	34.97	4657	9.1	335.6	KP	2	0.28	"	"	
"	"	"	5.18	37.66	37.52	4962	8.9	338.3	KP	2	0.13	"	"	
"	"	"	5.45	39.27	39.57	4778	8.8	339.7	KP	2	0.28	"	"	
"	"	"	5.55	32.58	40.68	4371	8.8	339.3	KP	2	0.42	"	"	
"	"	"	5.59	32.50	41.40	4576	9.1	332.7	KP-K-P	7	0.25	7.0	"	
"	"	"	6.45	56° 26.78	53° 45.04	2945	8.4	339.2	K-P	3	0.13	1.0	Ehmann	
"	"	"	7.00	24.19	46.79	2704	8.2	335.2					"	
"	"	"	7.35	20.08	50.66	2134	8.6	332.6					"	
"	"	"	8.00	16.05	51.70	2886	8.5	330.7					"	
"	"	"	8.35	12.59	55.04	3539	8.3	332.1					"	
"	"	"	9.00	8.29	54° 01.42	3887	9.4	337.5					"	
"	"	"	9.37	1.76	5.57	4185	9.6	332.4					"	
"	"	"	10.00	55° 58.69	7.93	4202	9.8	335.4					"	
"	"	"	10.25	55.10	10.85	4549	9.8	334.2	KP-K-P	7	0.25	"	de	
"	"	"	10.55	50.76	14.55	2624	9.0	334.8	KP	2	0.25	"	de	
"	"	"	11.30	46.30	20.45	2121	9.0	339.4	KP KP	5	0.25	"	de	
"	"	"	12.00	42.38	24.91	2278	8.9	330.1	KP KP	5	0.25	"	de	
"	"	"	12.30	38.59	28.65	2177	9.0	339.3	KP	2	0.13	4.0	de	
"	"	"	13.00	34.34	31.50	2037	9.0	341.2	KP	2	0.00	1.0	de	
"	"	"	13.30	30.02	33.59	2369	9.1	348.7	KP KP	5	0.13	1.0	de	
"	"	"	14.00	25.60	35.42	2212	9.3	342.1	"	"	"	"	Schick	
"	"	"	14.12	24.40	36.03	2127	8.5	337.2	"	"	38	"	"	
"	"	"	14.25	22.10	37.60	2580	8.5	338.2	"	"	13	"	"	
"	"	"	14.30	21.54	37.98	2612	8.6	330.7	"	"	"	"	"	
"	"	"	14.33	20.34	38.94	2576	8.4	331.0	"	"	"	"	"	
"	"	"	14.44	19.70	39.44	2599	8.7	335.0	KP--	2	0.00	"	"	
"	"	"	15.00	17.67	40.94	2823	8.5	333.9	"	2	0.00 ₁₃₀₀	1.0	"	



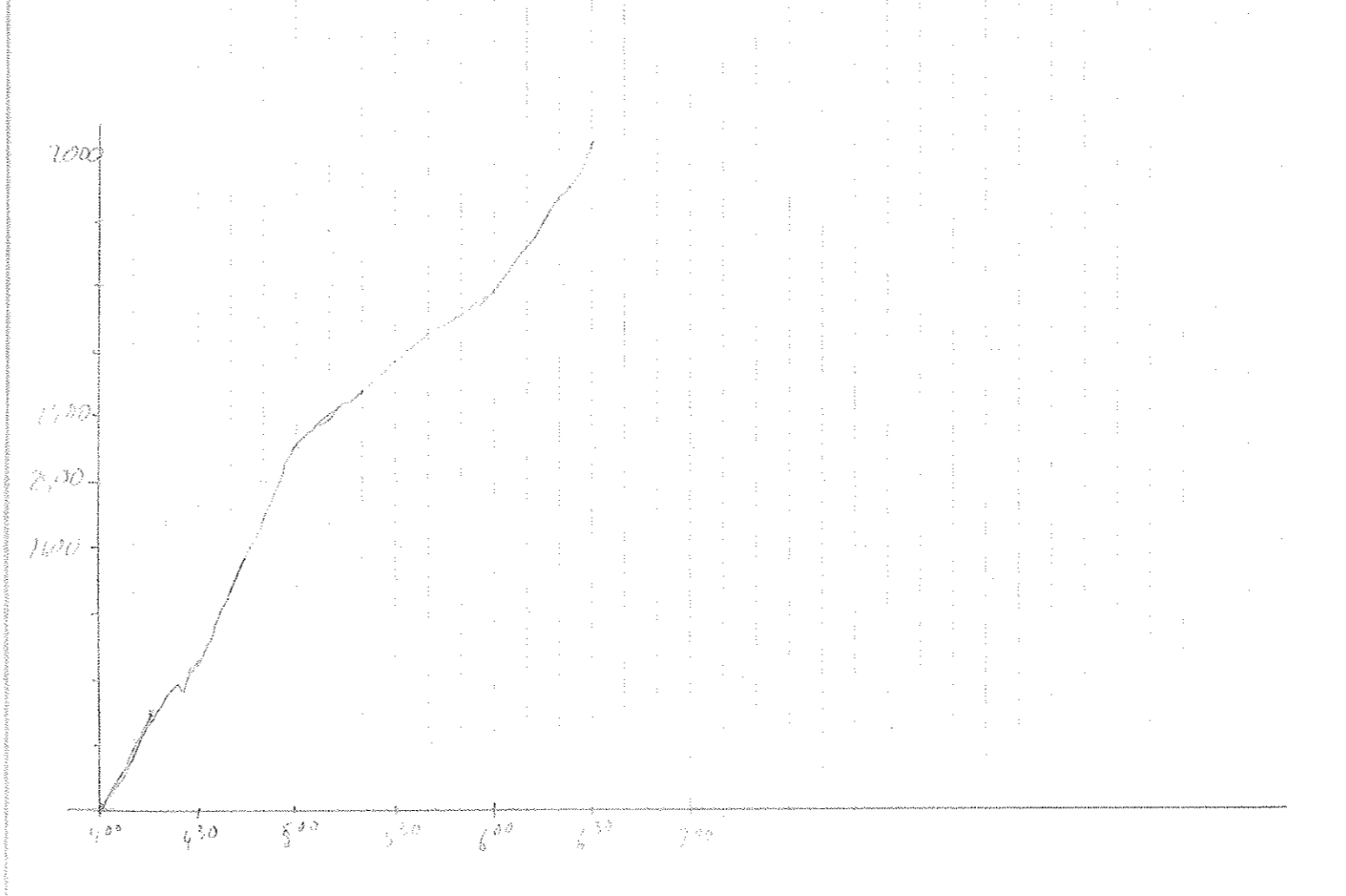
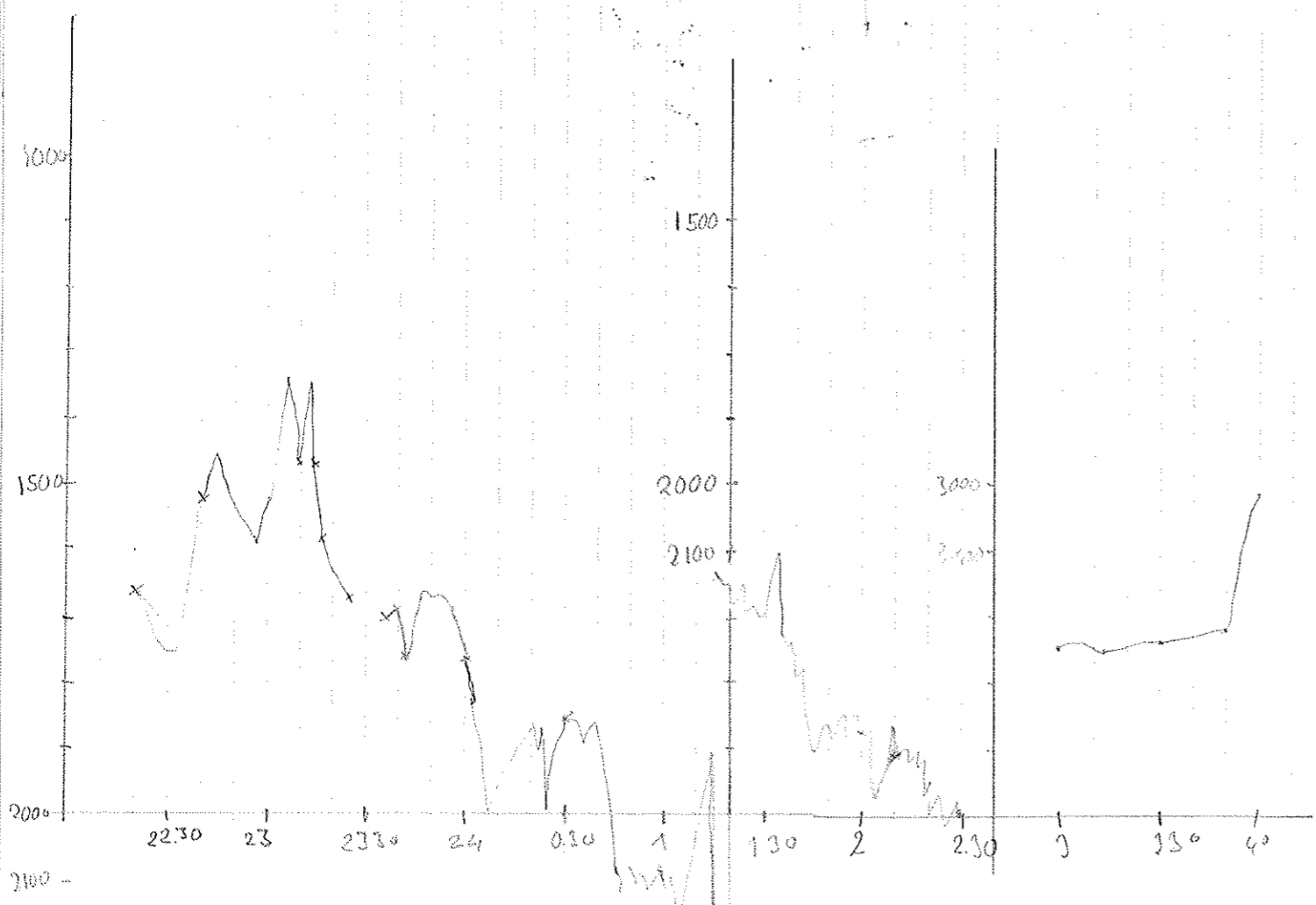
Rolle	Profil	Datum	GMT	Lat S	Lon W	Tiefe	Speed	Kurs	Trigger	Sweeps	Delay	Pulsstärke	Recording	Bemerkung	55
23	10/835	11.03.29	15:00	55 17 67	54 40 94	2823	8.5	333.9	KP--	2	.00	1.0	Schlichte		
"	"	"	15:27	14 07	43 81	2997	8.8	335.2	K-P--	3	.25	1.0	"		
"	"	"	15:30	13 73	44 09	2953	8.8	334.8	"	"	"	"	"		
"	"	"	15:54	10 64	46 64	3234	8.8	329.0	"	"	.00	"	"		
"	"	"	16:00	09 90	47 24	3522	8.8	329.5	KP--	2	.25	1.0	"		
"	"	"	16:02	09 61	47 34	3660	8.8	336.0	KP--	3	.25	1.0	"		
"	"	"	16:30	05 86	50 44	3712	8.4	337.2	"	"	"	"	"		
"	"	"	17:00	02 80	52 73	3790	8.8	330.5	"	"	"	"	"		
"	"	"	17:03	02 20	53 19	3819	8.8	330.9	"	"	.00	"	"		
"	"	"	17:13	00 34	54 64	4101	8.3	335.7	"	2	.25	"	"		
"	"	"	17:30	54 58 84	54 80	4129	8.3	335.1	"	"	"	"	"		
"	"	"	17:38	57 76	56 65	3957	8.2	336.1	"	3	.00	"	"		
"	"	"	17:43	57 17	56 45	3747	8.5	330.2	"	"	.25	"	"		
"	"	"	17:49	56 40	57 05	3531	8.5	335.7	"	2	.13	"	"		
"	"	"	18:00	55 11	58 07	3295	8.3	336.7	"	"	"	"	"		
"	"	"	18:03	54 68	58 39	3291	8.2	326.5	"	2	0.38	"	LT		
"	"	"	18:36	50 62	55 02 00	3414	8.3	330.8	"	2	0.25	"	"		
"	"	"	18:52	48 63	03 10	3214	8.6	330.6	K-P---	3	0.00	"	"		
"	"	"	19:04	47 54	05 20	3033	8.4	339.8	"	3	0.25	"	"		
"	"	"	19:33	43 23	07 72	2998	8.7	331.7	"	3	0.13	"	"		
"	"	"	19:36	43 57	07 99	2906	8.2	336.7	"	3	0.38	"	"		
"	"	"	20:00	40 27	10 60	2578	8.8	333.0	KP	2	0.13	"	"		
"	"	"	20:46	34 43	14 94	486486	8.4	337.5	KP	2	0.13	"	LT		
"	"	"	21:21	29 52	19 09	473	8.1	338.6	"	"	"	"	"		
"	"	"	21:26	28 86	19 54	599	8.6	336.6	K-P---	3	0.38	"	"		
"	"	"	21:31	28 41	20 05	710	8.9	338.8	K-P---	3	0.00	"	"		
"	"	"	21:50	25 50	21 88	1794	8.7	335.6	KP---	2	0.13	"	"		
"	"	"	21:56	24 21	22 44	1355	8.6	336.8	KP-KP	5	0.25	"	"		

Sweep 3 anfängerischer
 Aufw. d. Meeres ausfallt,
 da Schiffe "Ward" und "S"
 anwesend.

Schwierigkeiten b. Aufzeichnung



Roll	Profil	Datum	GMT	Lat. S	Lon. W	Tiefe	Speed	Kurs	Trigger	Sweeps	Delay	Publänge	Recording	Bemerkung	57
29	10/835	11.03.87	22 21	54° 21.40	55° 24 32	1669	8.9	735.8	KPK-P	5	00	1	Tonn		
			22 41	54° 18 44	55° 30 26	1517	9.5	334.1			25				
			23 00	54 15 27	55 32 21	1522	9.6	333.6							
			23 04	15 23	32 72	1348	9.1	336.1	KPK-P	5	30				
			23 17	10 40	34 16	1592	8.9	335.4			10				
			22 40	10 00	36 66	1683	8.8	336							
			23 42	54 05 70	55 36 22	1765	9.0	340.2			00				
		12.03.87	0 00	54 07 14	55 38 73	1776	9.7	341.9							
			0 03	06 65	39 02	1837	9.0	341.2	KP---	2	25				
			0 30	02 18	42 44	1856	9.0	342.0		2	25				
			0 45	53 58 86	55 42 73	2080	8.6	342.0	KP---	2	00				
			1 00	55 46	57 71	2072	8.8	342.3	"						
			1 15	55 56	46 90	1815	8.9	345.6	KP---	2	25				
			1 16	55 17	47 18	2156	9.6	344.5	KP---	2	00				
			1 20	52 33	48 74	2180	8.9	345.1	KP---	2	00				
			1 26	52 27	49 40	2226	8.9	345.1	KPKP	5	25				
			1 46	50 60	50 44	2406	9.2	345.5	KPKP	5	00				
			2 00	47 42	50 27	2328	9.0	345.5	"						
			2 31	53 42 42	55 34 21	2455	8.8	339.0	"					Kant	
			2 59	53 36 87	55 56 32	3134	9.0	328.5	K-P---	3					
			3 30	32 05	56 00 09	3139	8.7	327.8							
			4 00	27 94	03 37	3011	9.1	327.7	KP---	2					
			4 30	24 06	08 21	2679	9.2	333.5							
			4 33	23 52	08 64	2623	8.8	333.1			38				
			5 01	19 41	11 95	2463	8.9	329.2			4				
			5 21	17 31	13 61	2351	8.9	337.2	KPKP---	5	25				
			5 39	16 40	18 17	2305	8.9	340.2							
			6 00	17 36	21 24	2148	8.7	340.6							



Rolle	Profil	Datum	Gmt	Lat. S	Long W	Tiefe	Speed	Course	Trigger	Sweeps	Delay	Pulslänge	Beobachter	Bemerkungen
29	10/835	19.02.87	6 27	53 10.37	56 27.56	7071	8.7	340.7	KP---	2	13	1 ms	Kant	
"	"	"	6 30	53 07.21	56 29.47	1972	8.7	339.9	"	"	"	"	"	
"	"	12.02.87	0700	53 03.11	56 27.43	1852	8.6	340.2	"	"	"	"	Ritter	
"	"	"	0717	53 00.63	56 24.55	1775	8.5	335.0	"	"	0.38	"	"	
"	"	"	0730	52 58.92	56 25.87	1729	8.4	335	"	"	"	"	"	
"	"	"	0800	52 54.88	56 28.99	1643	8.9	334.4	"	"	"	"	"	
"	"	"	0817	52 52.70	56 30.31	1580	8.4	333.5	KP-K-P	"	0.38	"	"	
"	"	"	0840	52 49.92	56 32.76	1493	8.3	332.1	"	"	"	"	"	
"	"	"	0900	52 47.46	56 34.83	1449	8.2	332.4	KP---	"	0.00	"	"	
"	"	"	0930	52 43.83	56 38.45	1443	8.3	336.1	"	"	"	"	"	
"	"	"	1000	52 40.02	56 41.22	1326	8.3	335.8	"	"	"	"	"	
"	"	"	1020	52 37.59	56 44.11	1161	8.1	337.0	"	"	0.38 (ab 1030)	"	"	
"	"	"	1100	52 32.46	56 47.93	1047	8.2	339.5	"	"	0.38	"	Ritter	
"	"	"	1130	52 28.55	56 50.19	951	8.2	338.4	"	"	"	"	Hahn	
"	"	"	1155	52 25.28	56 52.02	846	7.9	338.3	KP---	3	0.13	"	"	
"	"	"	1200	52 24.64	56 52.39	808	8.0	339.7	"	"	"	"	"	
"	"	"	1230	52 21.04	56 55.26	687	7.8	339.3	"	"	0.38	"	"	
"	"	"	1300	52 17.37	56 57.56	638	7.7	337	"	"	"	"	"	
"	"	"	1330	52 13.71	56 53.63	545	7.7	331	"	"	"	"	Mo	
"	"	"	1340	52 12.34	57 00.63	507	7.7	331	KP---	2	0.00	"	"	
"	"	"	1400	52 10.34	57 02.64	504	7.6	330	"	"	"	"	"	
"	"	"	1430	52 06.73	57 05.73	411	7.3	330	"	"	"	"	"	
"	"	"	1451	52 04.28	57 07.43	338	7.2	335	"	"	0.25	"	Hahn	
"	"	"	1500	52 03.15	57 08.08	398	7.0	335	"	"	"	"	"	
"	"	"	1530	52 00.06	57 10.30	335	7.0	337.5	"	"	"	"	Ritter	
"	"	"	1600	51 56.82	57 12.02	331	5.6	335.5	"	"	"	"	"	
"	"	"	1628	51 54.50	57 13.67	324	7.2	327.4	"	"	"	"	"	16:28 3.5 kHz aus

