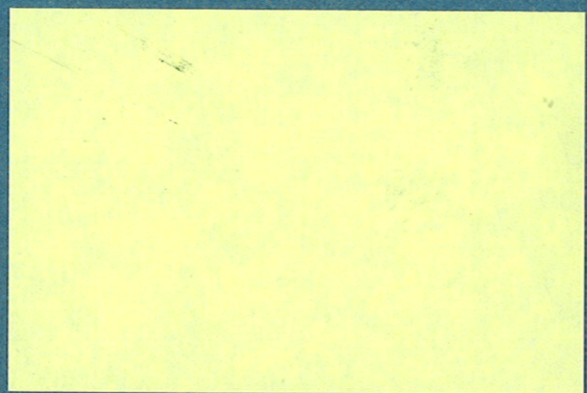


#9

#9

ANT-IV/2 + ANT IV/3



(+ANT IV/3 Anfang)

3,5 kltz Protokolle



ANTARKTIS IV

1. Buch

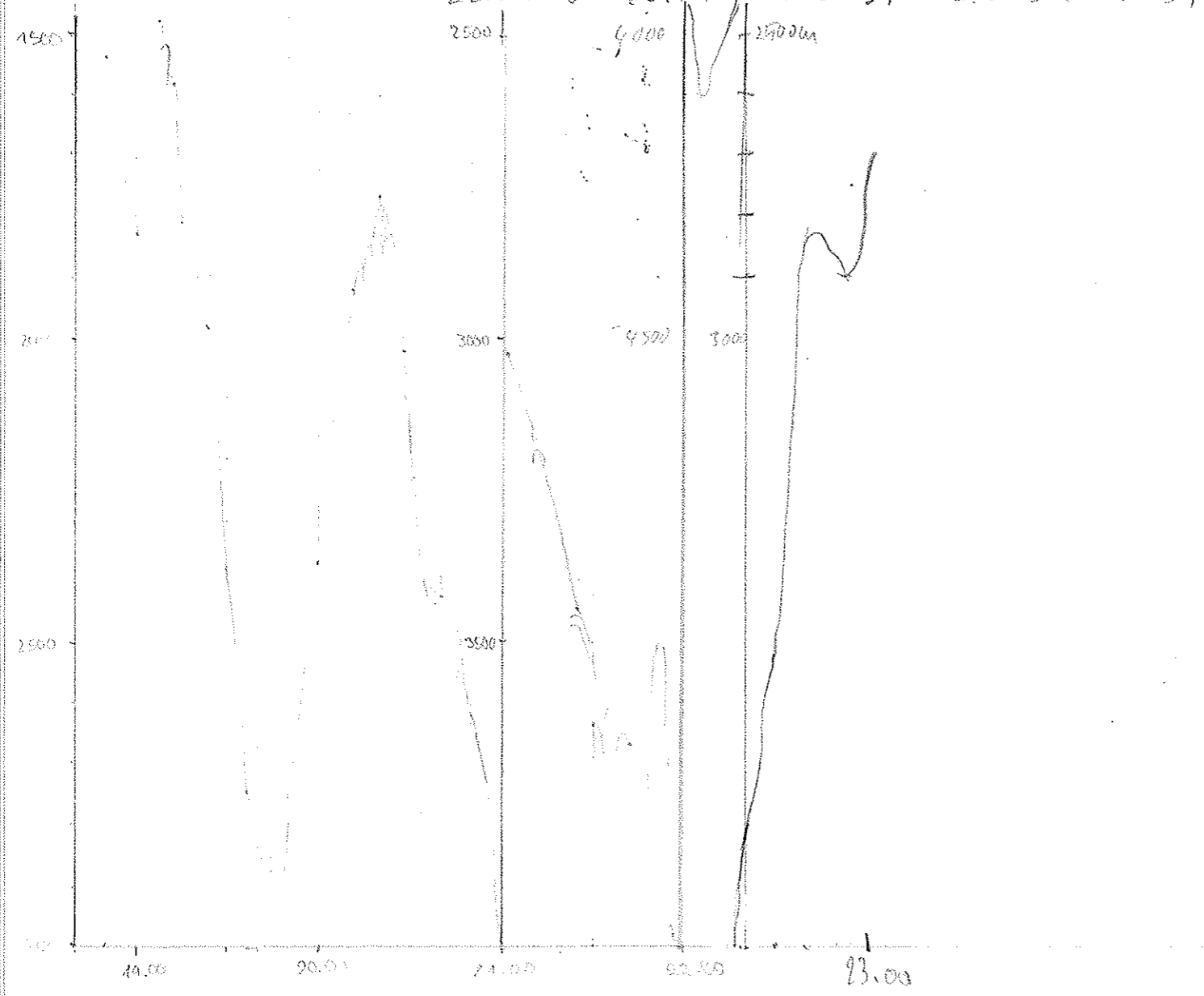
7. Nov. 1985 — 11. Jan. 1986

9 ANT-IV/2 (1) 7 Nov 85 11 Jan 86

EKAHA EKAHA EKAHA EKAHA

Rolle Nr.	Profil Nr.	Datum	Zeit GMT	Latitude	Longitude	Kurs	speed	Wasser-tiefe m	Tiefm-bereich	Trigger-Folge	sweeps	delay	sec/sweep	pulse length	
A	08/320	10.12.85	18.52	S 60.00.22	W 33.59.84		151.8	8.8	1541	1406-1781	KPK-P	5	.13	1/2	1.0
			19.00	S 60.01.13	W 33.58.81		152.1	8.7	1830	1594-1969	KP	2	.38	"	"
			19.08	60.02.44	33.56.08		153.4	8.5	1473	1219-1594	KPK-P	5	.38	"	"
			19.12	60.02.90	33.55.63		151.7	7.4	1572	1406-1781	KPK-P	5	.13	"	"
			19.16	60.03.22	33.55.30		150.8	7.3	1805	1594-1969	KP	2	.39	"	"
			19.23	60.03.42	33.54.50		146.3	6.4	1982	1875-2250	KP	2	.00	"	"
			19.30	60.05.01	33.53.25		152.2	7.6	2380	2250-2625	KPK-P	5	.00	"	"
			19.36	60.05.56	33.52.67		154.8	7.8	2746	2625-3000	KP	2	.00	"	"
			19.47	60.06.47	33.51.22		162.5	8.3	2861	2344-2719	KP	2	.38	"	"
			20.00	60.08.54	33.49.98		167.5	6.8	2360	2250-2625	KPK-P	5	.00	"	4.0
			20.11	60.10.05	33.48.62		151.2	9.3	1914	1781-2156	KP	2	.13	"	"
			20.21	60.10.79	33.46.66		159.2	10.7	1760	1406-1781	KPK-P	5	.13	"	1.0
			20.26	60.11.81	33.45.50		155.4	9.6	2021	1875-2250	KP	2	.00	"	"
			20.31	60.12.41	33.44.92		155.7	9.6	2232	2250-2625	KPK-P	5	.00	"	"
			20.54	60.15.34	33.42.13		153.4	9.8	2729	2625-3000	KP	2	.00	"	"
			21.02	60.16.30	33.41.08		152.2	6.2	3024	3000-3375	K-P	3	.00	"	"
			21.25	60.18.61	33.39.66		151.4	8.1	3445	3375-3750	KP	2	.00	"	"
			21.30	60.19.20	33.39.12		150.4	7.9	3640	"	"	"	"	"	4.0
			21.42	60.20.14	33.38.12		150.9	10.2	3662	3656-4031	KP	3	.13	"	"
			21.59	60.22.04	33.36.49		141.2	4.4	3981	3844-4219	KP	2	.38	"	"
			22.15	60.23.47	33.34.81		150.8	5.9	4120	4111-4406	KP	2	.13	"	"
			22.26	60.25.32	33.32.72		151.1	6.1	3518	3469-3844	KP	3	.38	"	"
			22.34	60.25.47	33.32.34		152.8	6.6	3334	1788-3529	K10	2	.25	1/2	1

Profil Beginn  
Fahnke  
INDAS AUSGETALLEN  
MBS /  
schwarzes Packeis Kabin



Rolle Nr.	Profil Nr.	Datum	Zeit	Latitude	Longitude	Kms	speed	Wasserhöhe	Tiefen-keich	Trigger Folge	sweeps	delay	rec/sweep	point length	Notes	Protokoll
1	08/320	10.12.85	22:41	60°26.51'	33°21.54'	152.7	8.1	2860.0	2813-3188	K-P	3	.25	1/2	7	starke Topographie	
			22:55	60.28.09	33.29.70	150.4	8.3	2955.0	2813-3188	K-P	3	.25	"	"		
			23.02	60.28.40	33.28.54	158.7	7.7	2760.0	2531-2906	KP	2	.13	"	"		
			23.13	60.30.09	33.27.14	147.6	7.6	2560	2940-2625	KPKP	5	0	-	-		
			23.22	60.31.25	33.25.02	140.6	9.2	2760	2531-2906	KP	2	0.13	-	-		
			23.33	60.32.10	33.23.78	147.7	7.5	2972	2813-3188	K-P	3	0.15	-	-		

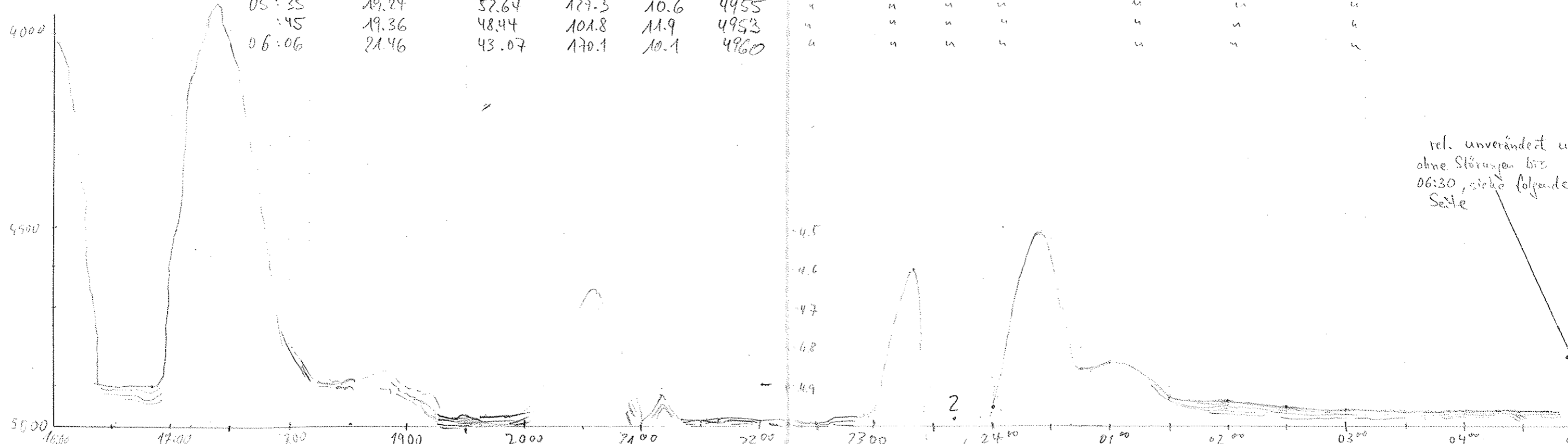
abgeschlossen 23:45

Rolle Nr.	Profil Nr.	Datum	Zeit	Latitude	Longitude	Kms	speed	Wasserhöhe	Tiefen-keich	Trigger Folge	sweeps	delay	rec/sweep	point length	Notes	Protokoll
08/320	11.12.85	01:22	Anlage angeschlossen													
		02:00	Anlage läuft (?)													
		02:04	60:49.07	33:03.44	143.3	7.9	2766	2813-3188	K-P	2	0.25	1/2	1	sch. skid		
		02:10	60:49.78	02.42	139.2	8.8	2754	2625-3000	K-P	2	0.00					
		02:15	50:36	01.65	142.9	6.9	2975	2813-3188	K-P	3	0.25					
		02:24	50:44	00.67	138.4	8.7	2832	2813-3188	K-P	3	0.25					
		02:25	51.48	37.59.75	138.9	10.2	2613	2531-2906	K-P	2	0.13					
		02:30	52.02	58.70	137.8	8.6	2705	2531-2906	K-P	2	0.13					
		02:36	52.48	57.39	164.3	6.3	2555	2531-2906	K-P	2	0.13					
		02:40	Anlage abgeschlossen													

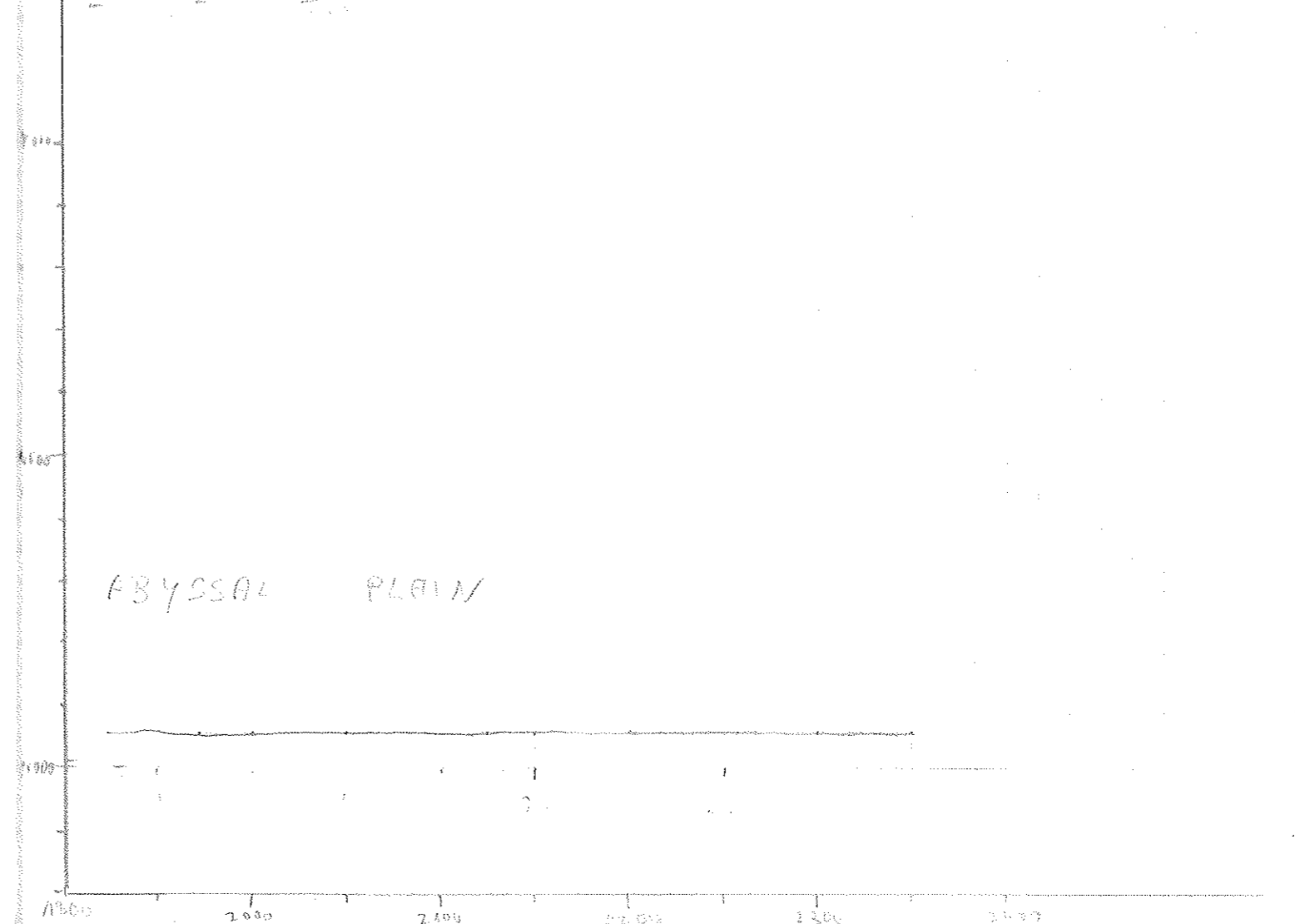
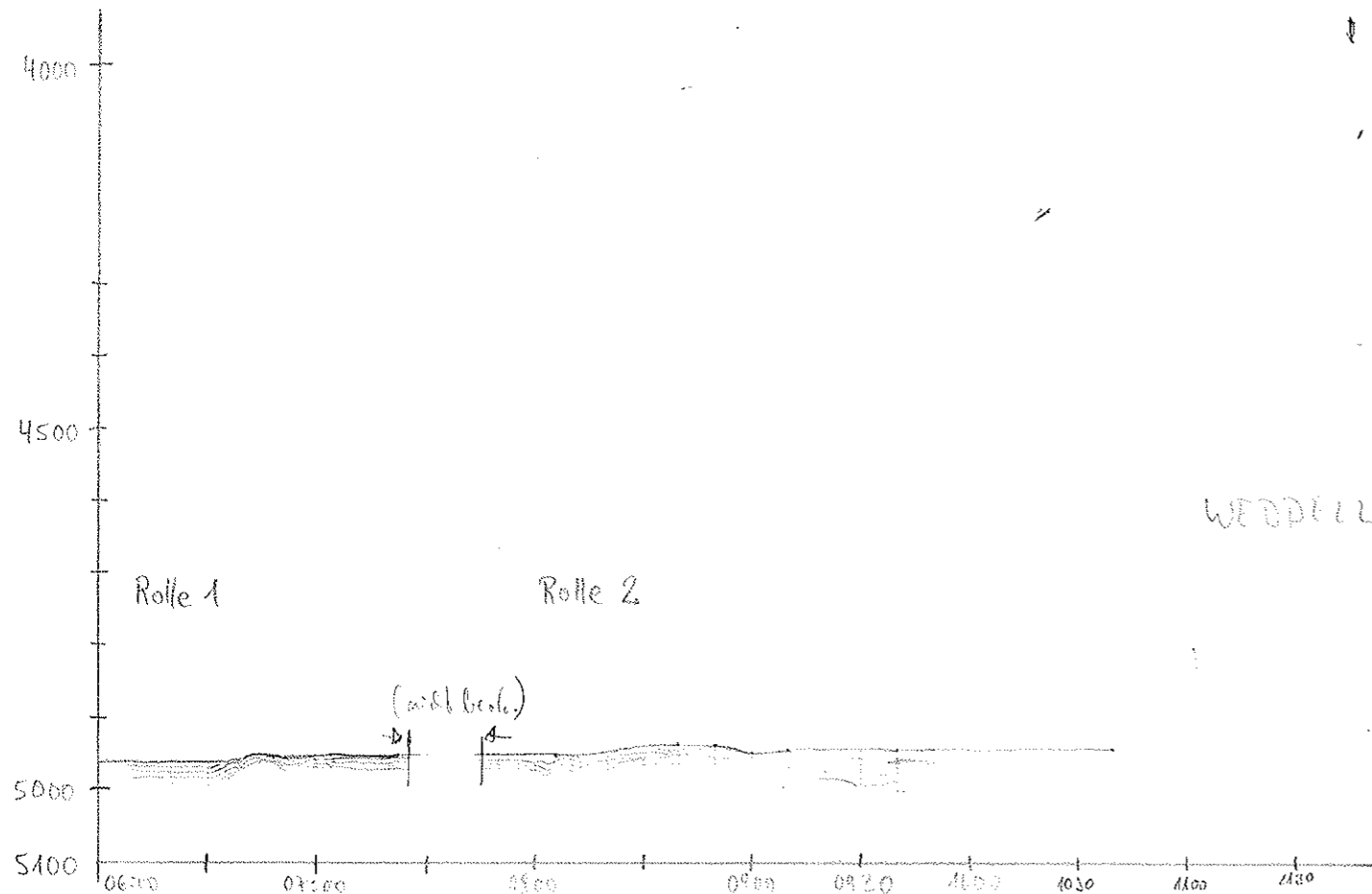
lock

Rolle Nr	Profil Nr.	Datum	Zeit	Latitude	Longitude	Kurs	Speed	Depth	Tiefenbereich	Sweeps	Trigger Folge	delay	sec/ sweep	pulse/ length	Notes	
1	08/320	11.12.85	08:30	S 61 26.21	W 32 08.40		83.9	10.1	3736	3563-3938	3	KP	.25	1/2	4	Anlage eingesdialtet
			08:40	61 26.56	32 05.63		139.2	11.5	3560	3375-3750	2	KP	.00	"	1/4	
			09:31	61 28.95	31 52.85		137.4	12.2	3405	3000-3375	3	W-P	.00	"	4	} keine genaue Tiefen- angabe Eis!!
			09:40	61 30.46	31 50.97		159.2	13.5	3437	3375-3750	2	KP	.00	"	4	
			10:00	61 34.26	31 45.89		178.0	13.6	-	3750-4125	3	KP	.00	"	4	
			10:10	61 34.97	31 42.14		169.1	13.7	3506	3375-3750	2	KP	.00	"	4	Chart korrigiert auf 200 von 150 bis 10.10
			10:31	61 37.30	31 34.48		143.2	16.4	3829	3750-4125	3	KP	.00	"	4	
			10:42	61 39.11	31 32.49		150.8	9.8	3679	3375-3750	2	KP	.00	"	4	Seabeam eingestellt
			11:00	61 41.23	31 31.10		153.3	9.3	3462	3375-3750	2	KP	.00	"	4	
			11:04	61 41.84	31 30.11		113.4	11.0	3934	3750-4125	3	WP	.00	"	4	
			11:10	61 42.10	31 27.92		106.0	10.5	3544	3375-3750	2	WP	.00	"	4	
			11:29	61 45.33	31 23.84		75.4	11.3	3940	3750-4125	3	KP	.00	"	4	
			11:38	61 46.37	31 22.62		147.7	11.7	4183	4031-4406	2	KP	.13	"	4	
			11:46	61 47.68	31 20.85		150.5	12.6	4380	4125-4500	2	KP	.00	"	4	
			11:59	61 50.03	31 18.44		157.8	12.9	4100	3938-4313	2	KP	.25	"	4	
			12:08	61 52.07	31 16.32		160.6	12.5	3939	3750-4125	3	KP	.00	"	4	
			12:28	61 55.88	31 14.30		170.1	12.2	4100	4031-4406	2	KP	.13	"	4	
			12:43	61 58.61	31 12.30		154.4	9.3	4140	4031-4406	2	KP	.13	"	4	} Eis
			12:57	61 59.65	31 11.67		136.5	8.9	3926	3750-4125	3	KP	.00	"	4	
			13:02	62 00.57	31 08.67		129.5	9.5	4433	4219-4594	7	KP-K-P	.38	"	4	
			13:10	62 01.42	31 06.35		146.1	9.8	4470	4219-4594	7	KP-K-P	.38	"	4	
			13:13	62 01.76	31 05.87		147.9	10.4	4578	4500-4875	7	KP-K-P	.00	"	4	
			13:20	62 02.76	31 05.10		149.3	12.0	4737	4500-4875	7	KP-K-P	.00	"	4	
			13:27	62 03.97	31 04.23		153.5	11.6	4850	4781-5156	2	KP	.13	"	4	
			13:38	62 05.82	31 02.77		159.8	11.4	4775	4594-4969	2	KP	.38	"	4	
			13:42	62 06.37	31 01.86		129.4	11.4	4579	4373-4688	7	KP-K-P	.25	"	4	
			13:48	62 07.16	31 00.35		142.0	11.0	4585	4106-4781	7	KP-K-P	.13	"	4	} Crystal Delay Unit defekt auf Channel B umgestellt
			13:57	62 08.68	30 59.46		163.3	11.3	4452				"	4		
			14:44	62 15.34	30 50.82		136.2	11.7	4932	4875-5250	2	KP	.00	"	4	
			15:02	62 17.59	30 46.37		130.7	10.8	4537	4313-4688	7	KP-K-P	.25	"	4	
			15:08	62 18.15	30 44.77		143.6	10.3	4235	4031-4406	2	KP	.13	"	4	
			15:15	62 19.30	30 44.28		195.9	10.4	4031	3656-4031	3	KP	.13	"	4	
			15:21	62 20.06	30 43.16		117.2	10.4	3624	3281-3656	2	KP	.13	"	4	
			15:25	62 20.37	30 42.05		113.2	10.7	3679	3469-3844	3	KP	.38	"	4	
			15:34	62 20.83	30 38.68		129.4	10.4	3506	3188-3569	2	KP	.25	"	4	
			15:44	62 21.79	30 34.76		123.4	12.4	3610	3563-3938	3	KP	.25	"	4	
			15:53	62 23.14	30 34.37		166.0	11.7	3951	3938-4313	2	KP	.25	"	4	
			16:01	62 24.87	30 30.90		200.0	10.2	4400	4125-4500	2	KP	.00	"	4	
			16:11	25.50	31 59		216.5	9.8	4600	4313-4688	7	KP-K-P	.25	"	4	
			16:19	26.73	32 39		169.0	12.8	4770	4875-5250	2	KP	.00	"	4	
			16:30	28.42	30 96		157.4	12.8	4911	4875-5250	2	KP	.00	"	4	
			16:40	30.78	30 31.70		196.0	10.9	4946	4875-5250	2	KP	.00	"	4	
			16:55	33.04	33 70		124.8	11.3	4909	4875-5250	2	KP	.00	"	4	
			16:58	33.72	33 36		197.1	11.9	4743	4594-4969	2	KP	.38	"	4	
			17:00	35.12	33 17		177.8	10.7	4500	4475-4850	2	KP	.00	"	4	
			17:11	35.94	33 17		186.1	12.3	4140	3844-4219	2	KP	.38	"	4	
			17:20	37.66	34 69		180.8	11.1	3976	3844-4219	2	KP	.38	"	4	
			17:30	39.03	35 26		210.0	8.0	4030	~	2	KP	.38	"	4	
			17:37	40.25	30 36.25		189.0	13.0	4159	4125-4500	2	KP	.00	"	4	
			17:50	42.92	35 06		176.5	12.9	4677	4594-4969	2	KP	.38	"	4	
			18:05	45.62	33 26		181.0	11.8	4829	~	2	KP	.38	"	4	
			18:07	49.98	33 01		178.6	12.2	4891	4688-5063	2	KP	.13	"	4	
			18:35	57.15	26 34		125.8	13.7	4872	~	2	KP	.25	"	4	

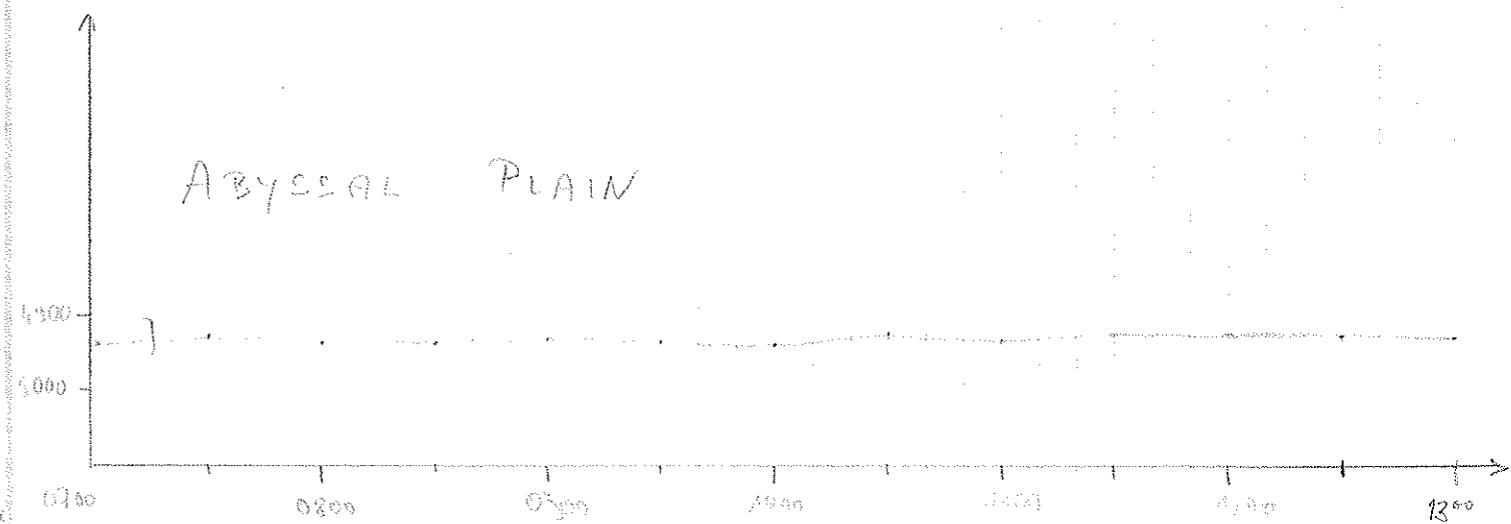
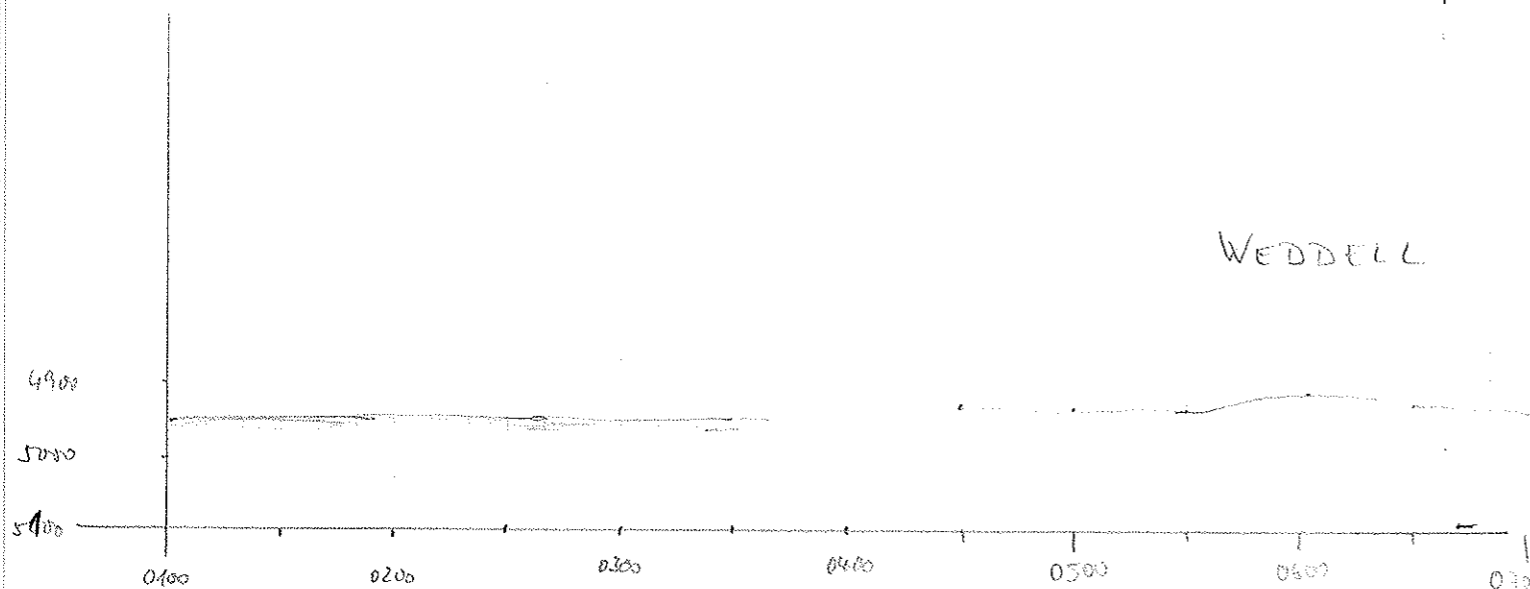
Rolle Nr	Profil Nr	Datum	Zeit GMT	Latitude S	Longitude W	Kurs	Speed	Depth m	Tiefenbereich	Sweeps	Triggerfolge	delay	sec/sweep	pulse length	remarks
1	08/320	11.12.85	18:43	62° 52.25	30° 23' 43	123.1	13.6	4970	4875-5250	2	KP	.00	1/2	1/4	Schiff nicht weiterfahrt
			19:00	53.85	17.92	136.7	9.2	5000	-	2	KP	.00	1/2	1/4	
			19:20	57.08	16.13	150.0	12.5	5030	-	2	KP	.00	-	-	
			19:27												
			20:00	63° 03.16	30° 45.42	230.0	13.8	5070	-	2	KP		"	"	
			20:16	63 05.98	30° 19.54	196.0	11.0	4900	4781-5156	2	KP	0.13			
			20:30	63 07.81	30° 22.26	262.0	13.2	4795	4594-4969	2	KP	0.38			
			20:52	63 11.80	30° 24.70	160.0	12.6	4970	4875-5250	2	KP	0.00			
			21:00	63 13.02	23.26	145.7	9.0	4981	"	"	"	"			
			21:30	63 16.50	16.77	175.0	8.8	4980	"	"	"	"			
			22:00	19.84	11.68	111.1	7.7	4981	"	"	"	"			
			22:31	23.90	07.30	173.9	11.4	4993	"	"	"	"			
			23:02	28.40	01.45	126.4	7.8		4668 5063	1		"			Tiefenangaben schwachen oder stark
			23:11	29.70	00.83	202.1	8.0		4500-4875	2	KP-K-P	"			
			23:23	31.21	00.55	120.1	10.2	4603	4875-5250	7	KP	"			
			23:30	31.59	29° 57.61	114.5	11.7	5228	5062-5438	5	KPK-P	"			
		12.12.85	00:01	36.47	50.47	150.2	12.2	4952	"	4	"	"			Eis!
		12.12.85	00:21	40.02	50.28	185.0	10.1	4420	4406-4781	7	KP-K-P	0.13			
			00:46	42.45	50.50	198.6	11.0	4854	4781-5156	2	KP	0.13			
			01:00	45.18	48.19	135.1	10.3	4838	4781-5156	2	KP	0.13			
			01:30	48.45	40.44	144.2	6.1	4931	4781-5156	2	KP	0.13			
			02:00	51.08	35.77	180.6	5.7	4944	"	"	"	"			
			02:30	53.68	31.17	157.2	10.0	4950	"	"	"	"			
			03:00	57.08	26.45	154.3	4.0	4953	"	"	"	"			
			03:30	59.85	20.99	141.7	8.6	4959	"	"	"	"			
			03:50	64° 02.23	15.64	147.4	14.0	4967	"	"	"	"			
			04:00	04.34	12.20	148.4	13.7	4960	"	"	"	"			
			04:20	07.21	06.41	100	12.8	4961	"	"	"	"			
			04:40	10.37	01.78	162	11.4	4961	"	"	"	"			
			04:52	11.64	28° 59.68	118	9.6	4960	"	"	"	"			
			05:07	14.76	57.51	191	12.7	4962	"	"	"	"			
			05:20	17.14	52.07	138.5	11.8	4960	"	"	"	"			
			05:35	19.24	52.64	177.3	10.6	4955	"	"	"	"			
			:45	19.36	48.44	101.8	11.9	4953	"	"	"	"			
			06:06	21.46	43.07	170.1	10.1	4960	"	"	"	"			



Rolle Nr.	Profil Nr.	Datum	Zeit GMT	Latitude S	Longitude W	Kurs	Speed	Depth	Tiefenbereich	Sweeps	Triggerfolge	delay		sec/sweep	pulse length	Notes
												A	B			
1	08/320	12.12.85	06:30	64° 22.89'	28° 34.80'	143.5	11.1	4960	4781 - 5156	2	KP	.00	.13	1/2	1/4	Rolle 2 entnommen
			06:47	25.16	30.10	170.3	13.3	4952	"	"	"	"	"	"		
			07:25	31.20	26.09			~4950	"	"	"	"	"	"		
2	08/320	12.12.85	07:16	64° 32.69	28° 17.97	133.5	13.3	~4950	4781 - 5156	2	KP	.00	.13	1/2	1/4	Station Gerät abgeschaltet  keine Injekt auf 1.0 gestellt  Gerät angeschaltet Profil 08/322 Verfeinerung + Einstellung falsch  Stop, Riemenswechsel neue Abstimmung keine Störungen
			08:06	64 35.72	28 14.31	198.1	12.9	4954	4781 - 5156	2	KP	.00	.13	1/2	1/4	
			08:43	64 43.47	28 12.45	110.7	12.2	4939	4781 - 5156	2	KP	0.00	0.13	1/2	1/4	
			09:26	64 48.02	28 04.42	167.2	9.3	4951	4781 - 5156	2	KP	0.00	0.13	1/2	1/4	
			09:52	64 52.98	28 03.17	177.5	10.4	4940	4781 - 5156	2	KP	0.00	0.13	1/2	1.0	
			10:43	64 59.28	27 50.79	176.4	11.5	4941	4781 - 5156	2	KP	0.00	0.13	1/2	1.0	
			11:14	65 02.81	27 45.68			4941	4781 - 5156	2	KP					
			12:00													
			12:30	65 02.65	27 45.02	231	10	4940								
			13:45	65 04.56	27 42.62	83.9	10.7	4939	4781 - 5156	2	KP	0.13	1/2	1.0		
			13:43	65 06.62	27 30.61	146.3	13.8	4939	4781 - 5156	2	KP	0.13	1/2	1.0		
			20:00	65 07.94	27 23.46	130.2	10.7	4939	4781 - 5156	2	KP	0.13	1/2	1.0		
20:30	65 12.16	27 13.27	151.0	13.5	4941	-	2	KP								
21:15	65 17.51	27 05.79	930.0	13.5	4944	-	-	-								
21:28																
21:30	65 17.14	26 49.50	905.0	12.5	4945	-	-	-								
22:00	65 18.15	26 38.34	85.0	7.3	4944	-	-	-								
22:35	65 18.20	26 21.57	75.2	12.7	4945	-	-	-								
23:00	65 19.55	26 14.84	178.4	11.7	4946	-	-	-								
23:30	65 22.18	26 06.41	177.3	13.2	4945	-	-	-								



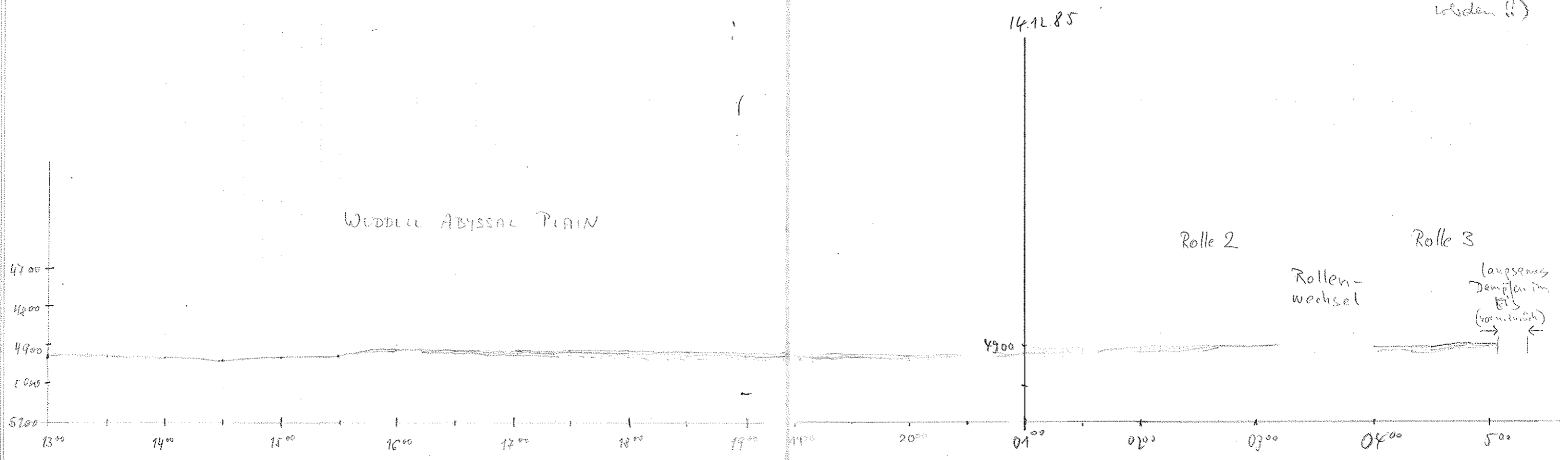
ROLLE NR	PROFIL NR	DATUM	ZEIT GMT	LATITUDE	LONGITUDE	COURSE	SPEED	DEPTH	TIEFENBEREICH	JWEEPS	TRIGGERFOLGE	DELAY A B	SEC/JWEEP	PULSE LENGTH	NOTES
2	08/322	13.12.	1:13	65° 34.18	25° 26.52	142	13.0	4941	478A - SASL	2	K P	0.0 0.13	112	1.0	
			1:41	38.02	15.49	187	11.6	4940	"	"	"	"	"	"	
			2:15	44.02	15.16	104	12.5	4940	"	"	"	"	"	"	
			2:44	45.72	07.27	95	10.3	4939	"	"	"	"	"	"	
			3:25	46.67	24 46.60	88	8.8	4937	"	"	"	"	"	"	
			3:50	49.20	24.55	1	15.3	4942	"	"	"	"	"	"	
	08/323		3:50	49.20	24.55	1532	15.3	4942	"	"	"	"	"	"	needs Prof C
			4:30	57.05	13.75	118.2	11.8	4930	"	"	"	"	"	"	
			5:00	66 02.47	09.08	158.7	11.1	4934	"	"	"	"	"	"	
			5:30	05.91	23° 57.83	174.5	12.5	4929	"	"	"	"	"	"	
			6:03	05.91	24° 04.83	117.0	13.4	4917	"	"	"	"	"	"	
			6:30	11.08	23° 51.19	157.0	12.1	4928	"	"	"	"	"	"	
			7:02	14.33	44.38	185.0	9.4	4930	"	"	"	"	"	"	
			7:30	17.41	36.74	110.2	11.4	4924	"	"	"	"	"	"	
			8:00	20.85	30.86	63.1	12.4	4930	"	"	"	"	"	"	
			8:25	66° 22.37	23° 20.04	236.5	9.3	4922	"	"	"	"	"	"	
			8:50	66° 26.52	23° 28.44	131.8	12.4	4927	"	"	"	"	"	"	
			9:25	29.04	17.84	114.1	10.1	4928	"	"	"	"	"	"	
			10:00	34.93	06.35	197.0	13.1	4934	"	"	"	"	"	"	
			10:30	37.53	12.57	200.7	12.0	4923	"	"	"	"	"	"	
			11:00	42.27	6.09	208.8	12.6	4926	"	"	"	"	"	"	
			11:25	47.35	02.52	131.3	13.0	4920	"	"	"	"	"	"	
			11:57	50.38	22° 47.31	130.1	13.8	4923	"	"	"	"	"	"	
			12:33	53.79	31.18	14.6	13.8	4937	"	"	"	"	"	"	
			13:00	56.14	20.85	144.2	12.6	4937	"	"	"	"	"	"	



Rolle Nr.	Profil Nr.	Datum	Zeit GMT	Latitude S	Longitude W	Course	SPEED	DEPTH	TIFFENBEREICH	SWEEPS	TRIGGER FOLGE	DELAY A B	SOL/SWEEP	PULSE LENGTH	NOTES
2	08/323	13.12.	13.30	67° 00.84	22° 13.40	128.8	10.2	4935	4781 - 5156	2	WP	0.0 0.13	1/2	1.0	
			14.00	01.84	22° 03.25	102.4	11.2	4938	" "	"	"	" "	"	"	
			14.30	01.72	21° 47.74	173.0	9.8	4943	" "	"	"	" "	"	"	
			15.00	05.48	21° 52.75	115.2	12.7	4932	" "	"	"	" "	"	"	
			15.30	08.23	47.95	120.6	5.2	4928	" "	"	"	" "	"	"	
			16.00	10.32	48.89	176.9	7.1	4914	4781 - 5156	"	"	" "	"	"	
			16.30	15.78	33.96	125.9	13.9	4914	" "	"	"	" "	"	"	
			17.00	21.12	22.31	102.2	14.5	4916	" "	"	"	" "	"	"	
			17.30	25.76	13.92	147.2	13.6	4916	" "	"	"	" "	"	"	
			18.00	29.93	05.32	132.5	13.0	4920	" "	"	"	" "	"	"	
			18.37	33.49	20° 57.66	137.0	6.5	4925	" "	"	"	" "	"	"	
			19.00	36.17	55.27	119.8	11.7	4930	" "	"	"	" "	"	"	Eis!
			19.30	41.04	47.71	164.2	7.5	4928	" "	"	"	" "	"	"	
			20.00	45.85	42.91	169.1	7.8	4926	" "	"	"	" "	"	"	20:32 Profilende
2	08/323	13.12	20.37	51.29	44.48	85.0	5.0	4917	" "	"	"	" "	"	"	

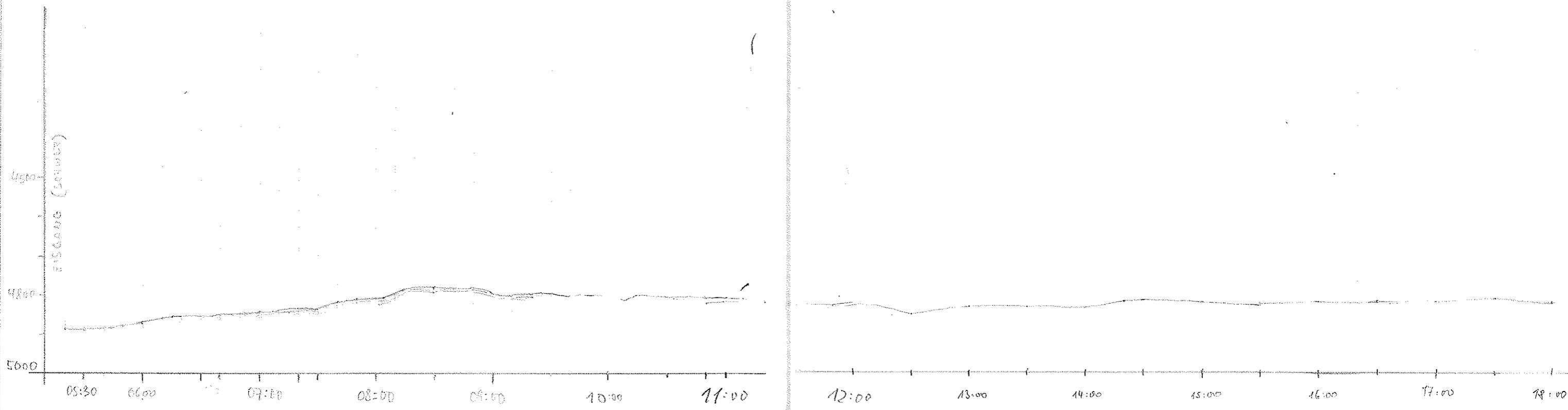
2	08/325	14.12	0:40	67° 57.84	20° 43.08	170.5	0	4916	4781 - 5156	2	KP	0.13 1/2	1.0	Start Profil
	8/325		1:28	67° 52.10	20° 43.07	133		4930	4781 - 5156	2	KP	0.13 1/2	1.0	Eingang
			2:00	67° 55.00	20° 36.85	124.0	11.2	4912	" "	2	KP	" "	"	kein Eingang
			2:30	67° 16.22	20° 23.71	122.6	9.5	4906	" "	"	"	" "	"	Rolle voll
			03:10						" "	"	"	" "	"	

3	08/325	14.12.85	03:28	67° 59.23	20° 06.46	100.1	1.4	4901	4781 - 5156	2	KP	0.0 0.13	1/2	1.0	Start Briloff
			03:57	68° 1.38	06.32	150.6	6.0	4896	" "	"	"	" "	"	"	→ Start Rolle 2
			04:52	3.41	19 48.71	Kurzer Balk		4889	" "	"	"	" "	"	"	(der Antrieb der Rollen sollte mal verbessert werden !!)
			05:07	3.73	43.83	Wartefeld		4900	" "	"	"	" "	"	"	
			05:20	4.42	42.17	160.8	7.4	4886	4688 - 5063	"	"	0.25	"	"	

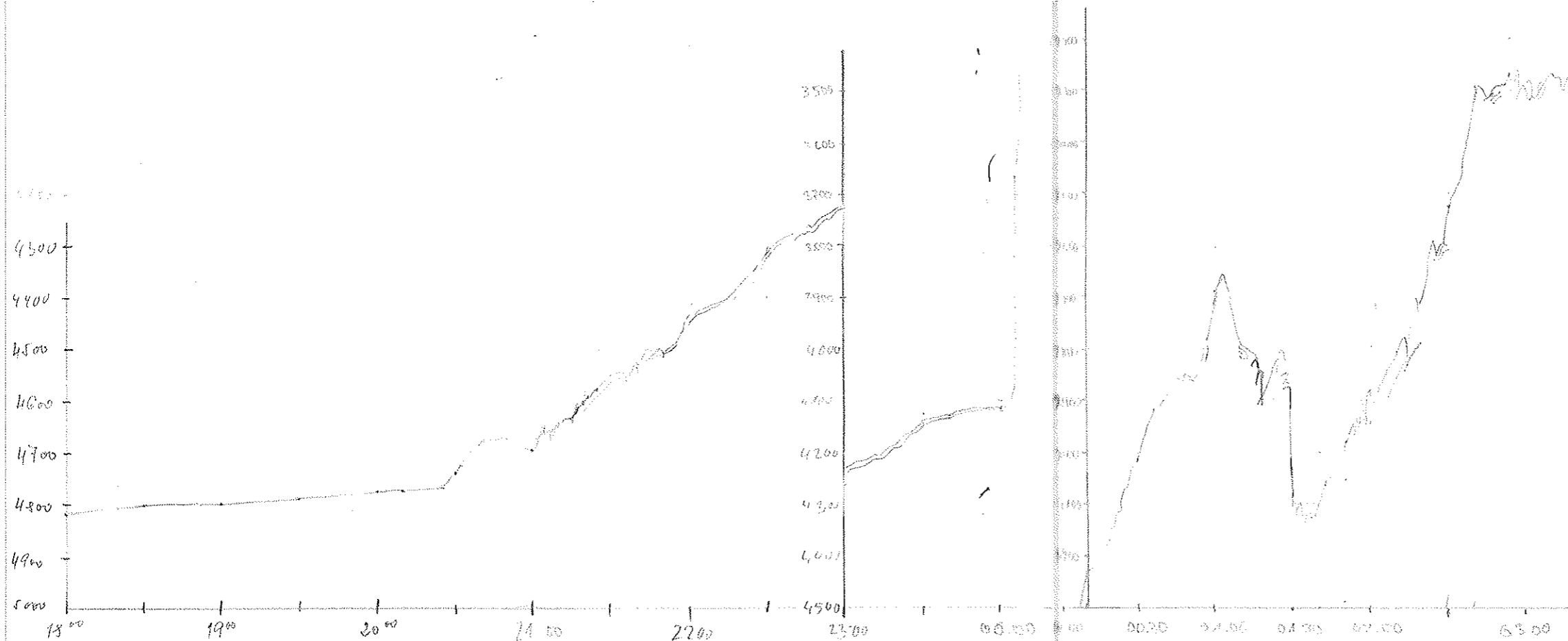




Rolle No.	Profil No.	Datum	Zeit <GMT>	Latitude S	Longitude W	Depth <m>	Course <°>	Speed <knöts>	Tiefenbereich <m>	Sweeps	Trigger-folge	Delay A	Delay B	sec/sweep	Pulse length <ms>	Notes	
3	8/325	14.12.85	06:00	68° 07.72'	19° 23.41'	4869	119.4	12.3	4688-5062	2	KP	000	0.25	1/2	2	1.0	Eisgang (Bef. in)  ungleichmäßige Teil= g. v. la (ed. Ino. 0328 und 2126)
			06:20	09.84	12.74	4861	153.8	13.1									
			06:40	12.26	07.30	4854	128.6	12.7									
			07:00	15.02	18° 57.78	4845	112.9	13.6									
			07:20	15.62	51.72	4832	159.4	11.1									
			07:30	16.67	49.34	4812	135.9	12.7									
			07:55	18.97	39.75	4808	169.5	9.4									
			08:30	25.55	32.26	4781	170.9	12.1	" "	"	"	"	"	"	"	"	
			09:00	30.31	27.57	4796	111.7	11.9	" "	"	"	"	"	"	"	"	
			09:30	32.16	26.38	4781	117.7	12.7	" "	"	"	"	"	"	"	"	
			10:00	35.03	09.12	4790	122.8	14.7	" "	"	"	"	"	"	"	"	
			10:30	38.72	17° 51.63	4800	60.1	11.5	" "	"	"	"	"	"	"	"	
			11:00	29.86	36.88	4806	89.3	15.7	" "	"	"	"	"	"	"	"	
			11:30	39.21	18.23	4840	99.8	15.2	" "	"	"	"	"	"	"	"	
			12:00	42.52	00.53	4827	112	11.9	" "	"	"	"	"	"	"	"	
			12:20	43.58	16° 49.52	4851	047	11.1	" "	"	"	"	"	"	"	"	
			13:00	43.58	36.38	4830	128	11.0	" "	"	"	"	"	"	"	"	
			13:30	46.20	23.51	4836	95	12.4	" "	"	"	"	"	"	"	"	
			14:00	46.68	10.61	4836	59	11.6	" "	"	"	"	"	"	"	"	
			14:30	49.46	15° 59.35	4822	116	13.9	" "	"	"	"	"	"	"	"	
			15:00	52.59	41.88	4818	120	12.4	" "	"	"	"	"	"	"	"	
			15:30	57.16	32.70	4829	123	12.4	" "	"	"	"	"	"	"	"	
			16:00	58.10	18.47	4823	88	11.3	" "	"	"	"	"	"	"	"	
			16:30	69° 02.61	09.17	4822	142.2	12.3	" "	"	"	"	"	"	"	"	
			17:00	06.92	14° 59.79	4824	124.5	11.7	" "	"	"	"	"	"	"	"	
			17:30	11.41	57.69	4807	107.6	12.3	" "	"	"	"	"	"	"	"	
			18:00	14.52	33.55	4814	118.4	13.5	" "	"	"	"	"	"	"	"	

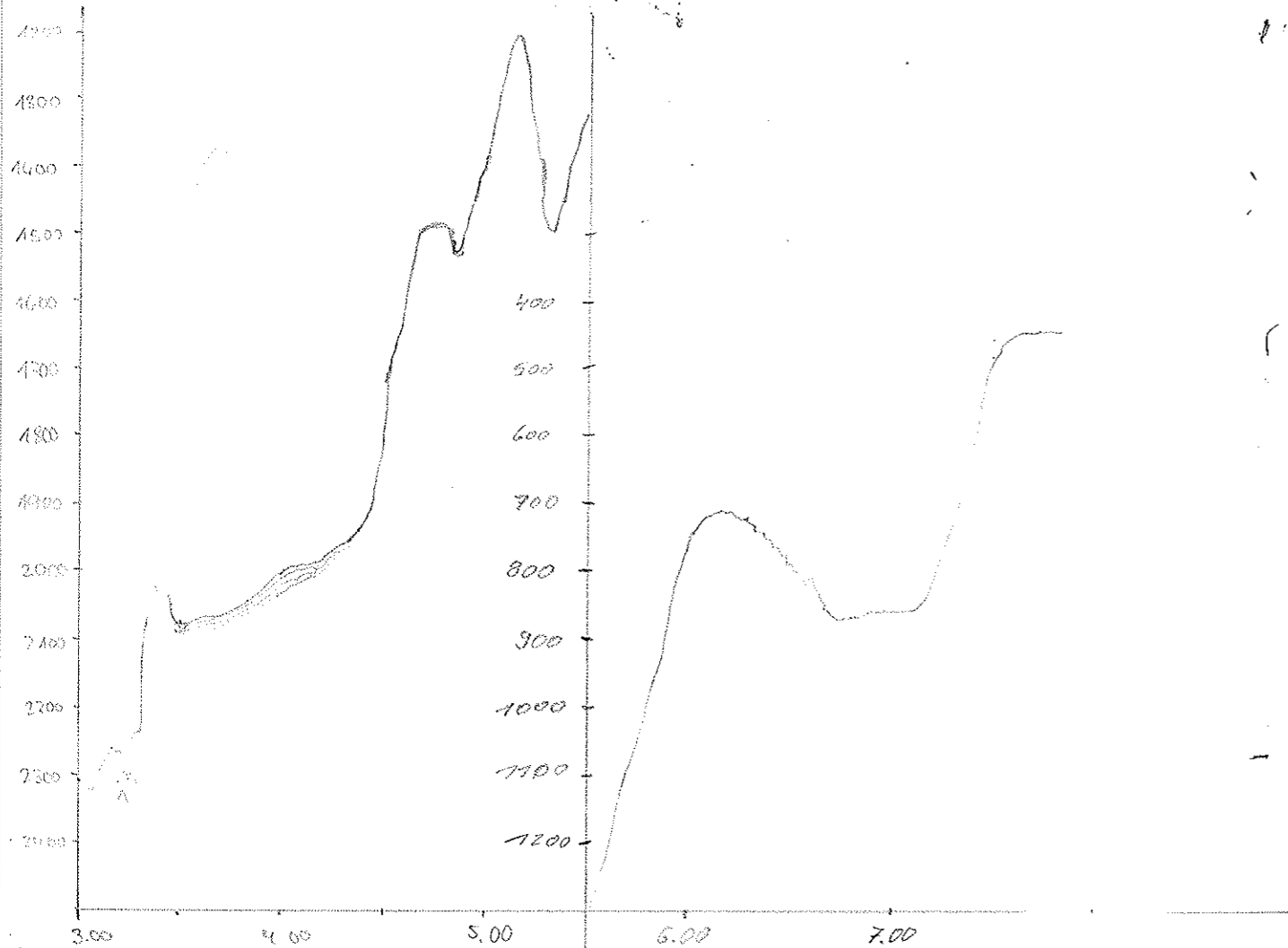


Rollen Nr	Profil Nr	Datum	Zeit GMT	Latitude S	Longitude W	Course	Speed	Depth	Tiefenbereich	Sweeps	Triggerfolge	Delay A E	secl Sweep	pulse length	Notes Controller
3	R/325	14.12.85	18.30	69° 17,68	14° 18,69	166,7	12.3	4800	4688 - 5063	2	KP	0.00 0.25	1/2	1.0	↑ Andruckrolle nicht gedruckt, d.h. zw. 03:28 und 21:26 ungleichmäßige Fettskala  Anstreich! bei 7 Sweeps zu geringer Papiertransport Kabine
"	"	"	19.00	69° 22,24	14° 17,90	199,6	13,7	4797	4688 - 5063	2	KP	" .25	"	"	
"	"	"	19.30	69° 29,37	14° 08,48	155,9	11,3	4783	4688 - 5063	"	"	" "	"	"	
"	"	"	20.00	32,58	13° 54,11	100,3	13,9	4771	4688 - 5063	"	"	" "	"	"	
"	"	"	20.30	34,37	34,39	121,5	14,6	4744	" "	"	"	" "	"	"	
"	"	"	20.32	34,70	32,94	121,6	14,5	4777	4500 - 4875	7	KP-k-P	0.00	"	"	
"	"	"	21:05	38,57	14,59	111,8	15,2	4697	" "	7	" "	" "	"	"	
"	"	"	21:26	39,76	00,99	115,2	13,5	4572	4219 - 4594	7	" "	0.38	"	"	
"	"	"	22:00	69° 42,23	12° 44,37	78,5	14,2	4435	" "	7	" "	" "	"	"	
"	"	"	22:30	43,34	26,15	134	13,2	4301	" "	7	" "	" "	"	"	
"	"	"	23:02	69° 46,87	12° 13,13	106	13,2	4225	3938 - 4313	2	KP	0.25	"	"	
"	"	"	23:30	47,52	00,60	111	12,6	4123	" "	"	"	" "	"	"	
"	"	15.12.85	00.00	51,49	11 44,61	111,5	13,2	4110	3656 - 4031	3	KP	.13	"	"	
"	"	"	00.06	59,44	41,25	138,7	12,7	3661	3281 - 3656	2	KP	.13	"	"	
"	"	"	00.11	52,92	38,62	112,7	13,2	3225	2906 - 3281	3	K-P	.13	"	"	
"	"	"	00.30	54,22	29,26	111,7	10,5	3007	2906 - 3281	3	K-P	.13	"	"	
"	"	"	00.37	54,66	26,85	111	10,2	2919	2625 - 2906	2	KP	.00	"	"	
"	"	"	01.00	57,06	16,74	116,2	10,2	2692	" "	"	"	" "	"	"	
"	"	"	01.29	58,38	06,25	115,6	9,5	3089	3000 - 3375	3	K-P	.00	"	"	
"	"	"	01.51	70° 00,08	10 56,32	117,1	10,1	2974	2813 - 3188	3	K-P	.25	"	"	
"	"	"	02.00	00,78	52,26	116,9	10,1	2882	" "	"	"	" "	"	"	
"	"	"	02.09	01,51	48,36	121,3	10,1	2800	2531 - 2906	2	KP	.13	"	"	
"	"	"	02.30	03,20	38,94	117,6	10,1	2522	2250 - 2625	5	KPKP	.00	"	"	
"	"	"	02.51	05,03	29,00	117,9	10,5	2264	1969 - 2344	5	KPKD	.38	"	"	

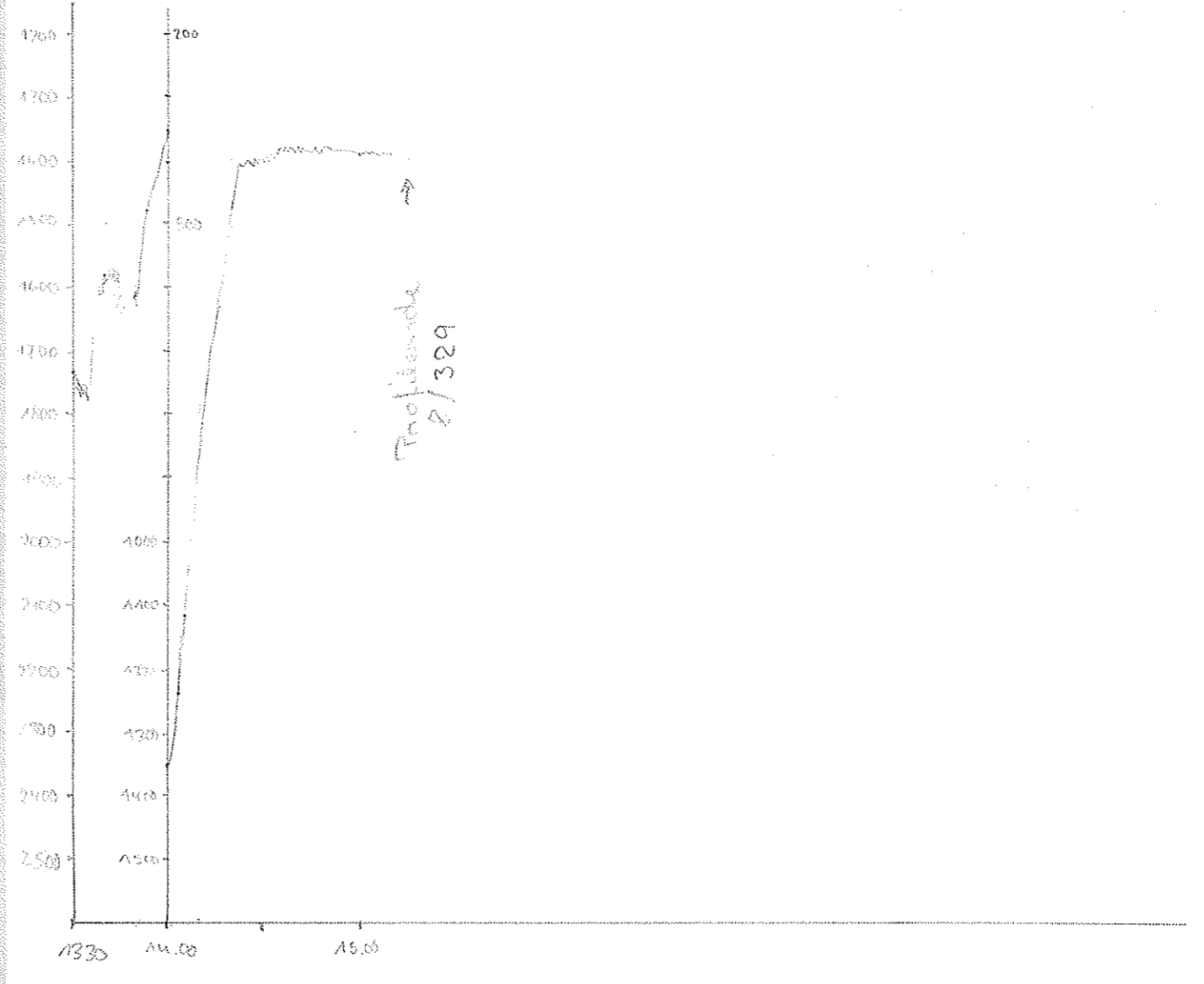
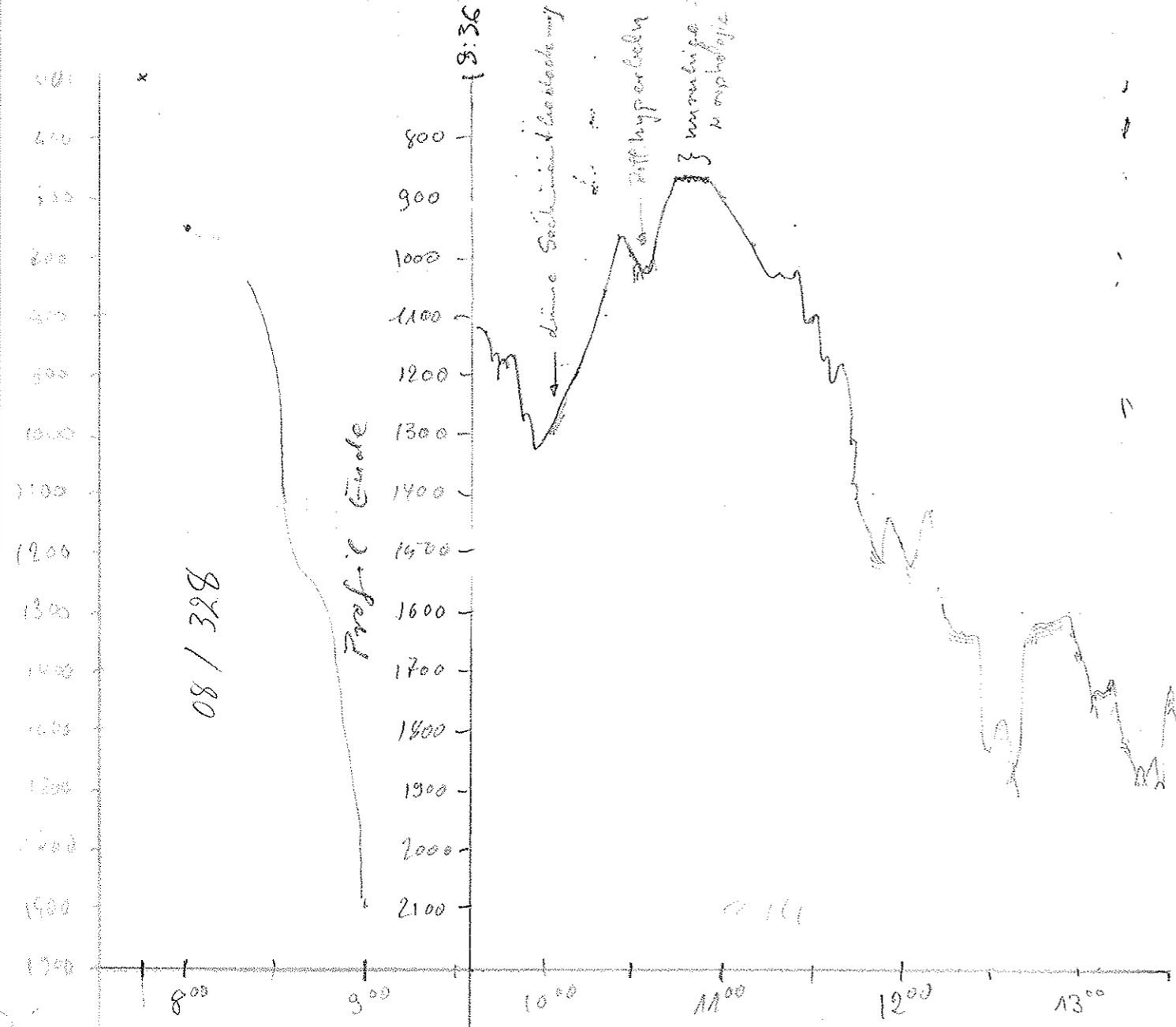


Rolle Nr	Profil Nr	Datum	Zeit	Latitude S	Longitude W	Course	Speed	Depth	Tiefenbereich	Sweeps	Triggerfolge	Delay	sec/sweep	pulse-length	Note
3	8/325	15.12.85	03.30	70° 08.23	10° 10.91	118.1	10.3	2078	1969 - 2344	5	KPKP	.38	1/2	1	
"	"	"	04.00	10.77	9° 57.02	118.2	10.2	~2000	"	"	"	"	"	"	
"	"	"	4.14	11.78	9° 51.42	118.6	10.5	2007	1688 - 2063	2	KP	.25	"	"	
"	"	"	4.27	12.89	45.35	118.7	10.2	1734	1406 - 1781	5	KPK-P	.13	"	"	
"	"	"	5.00	15.47	30.44	115.8	10.1	1434	1406 - 1781	"	"	"	"	"	
"	"	"	5.02	15.59	29.43	116.2	10.3	1406	1125 - 1500	2	KP	.00	"	"	
"	"	"	5.13	18.08	27.63	157.2	10.2	1470	1406 - 1781	5	KPK-P	.73	"	"	
"	"	"	5.27	19.07	24.71	122.7	10.0	1423	1125 - 1500	2	KP	.00	"	"	
"	"	"	5.38	19.76	19.98	108.7	9.7	1128	750 - 1125	3	K-P	.00	"	"	
"	"	"	5.53	19.96	13.29	83.2	8.7	806	469 - 844	3	K-P	.38	"	"	
"	"	"	6.24	19.84	8° 58.80	92.5	9.5	794	656 - 1031	3	K-P	.73	"	"	
"	"	"	7.00	22.46	43.28	110.5	9.7	~870	"	"	"	"	"	"	
"	"	"	7.30	24.60	33.72	136.7	9.7	~530	375 - 750	2	KP	.00	"	"	
"	"	"	8.00	26.06	23.67	96.4	1.3	478.8	"	"	"	"	"	"	" in Stand by gesch."
3	08/328	17.12.85	7:45	70° 25.68	8° 26.24	352	8.3	458	375 - 750	2	KP	.00	1/2	1	
			7:59	70° 23.26	8° 27.52	350.4	11.5	-	656 - 1031	3	K-P	.73	"	"	
			8:14	70° 20.41	8° 28.93	350	11.1	-	938 - 1313	2	KP	.25	"	"	
			8:26	70° 18.75	8° 33.14	342	11.1	-	656 - 1031	3	K-P	.13	"	"	
			8:45	70° 15.83	8° 30.8	27.7	10.3	-	938 - 1313	2	KP	.25	"	"	
			8:53	70° 14.47	8° 28.96	28.1	10.5	-	1219 - 1594	5	KPK-P	.38	"	"	
			8:58	70° 13.68	8° 27.84	28.6	10.4	-	1500 - 1875	5	KPK-P	0	"	"	
			9:16	70° 11.04	8° 25.42										

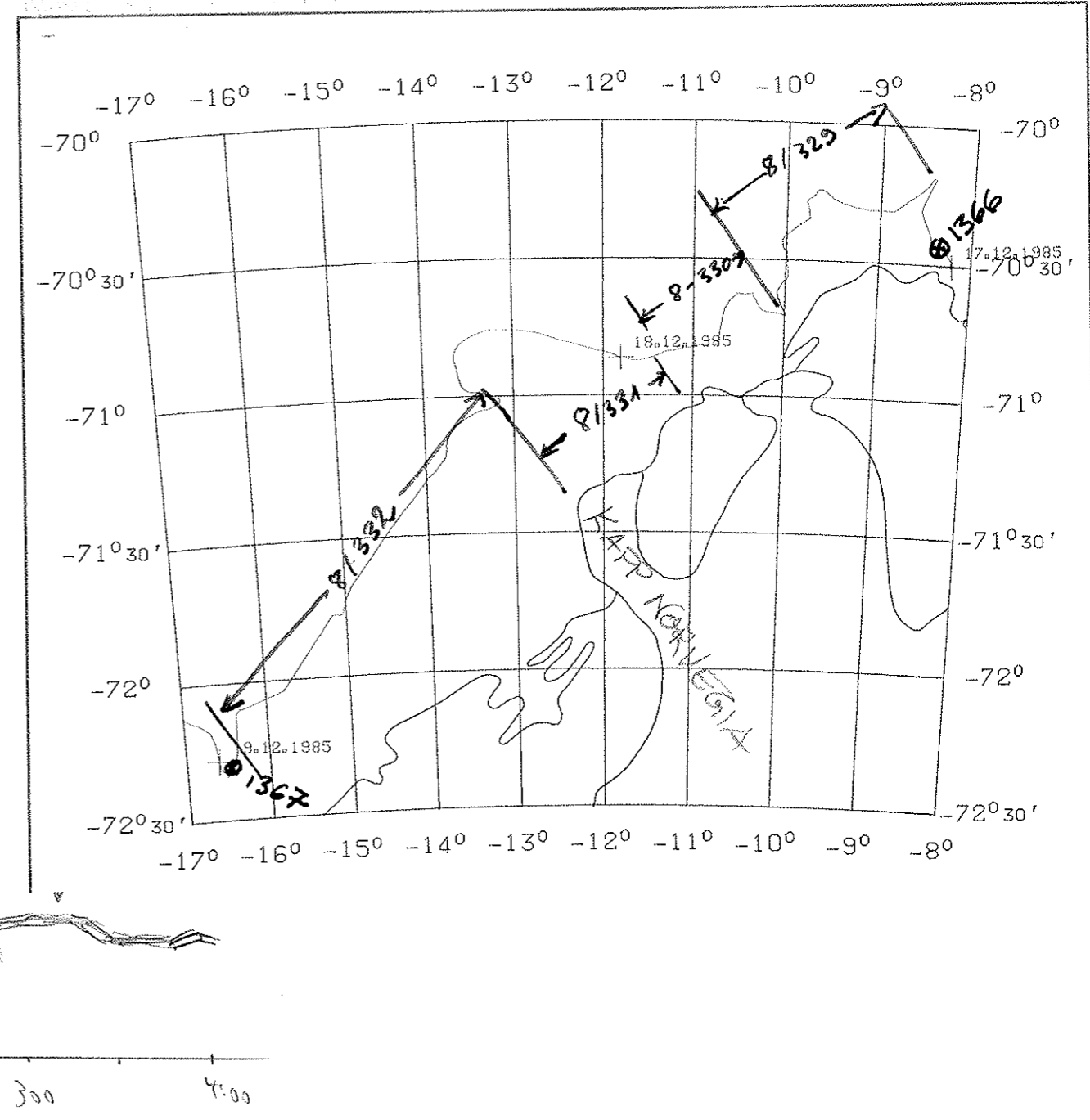
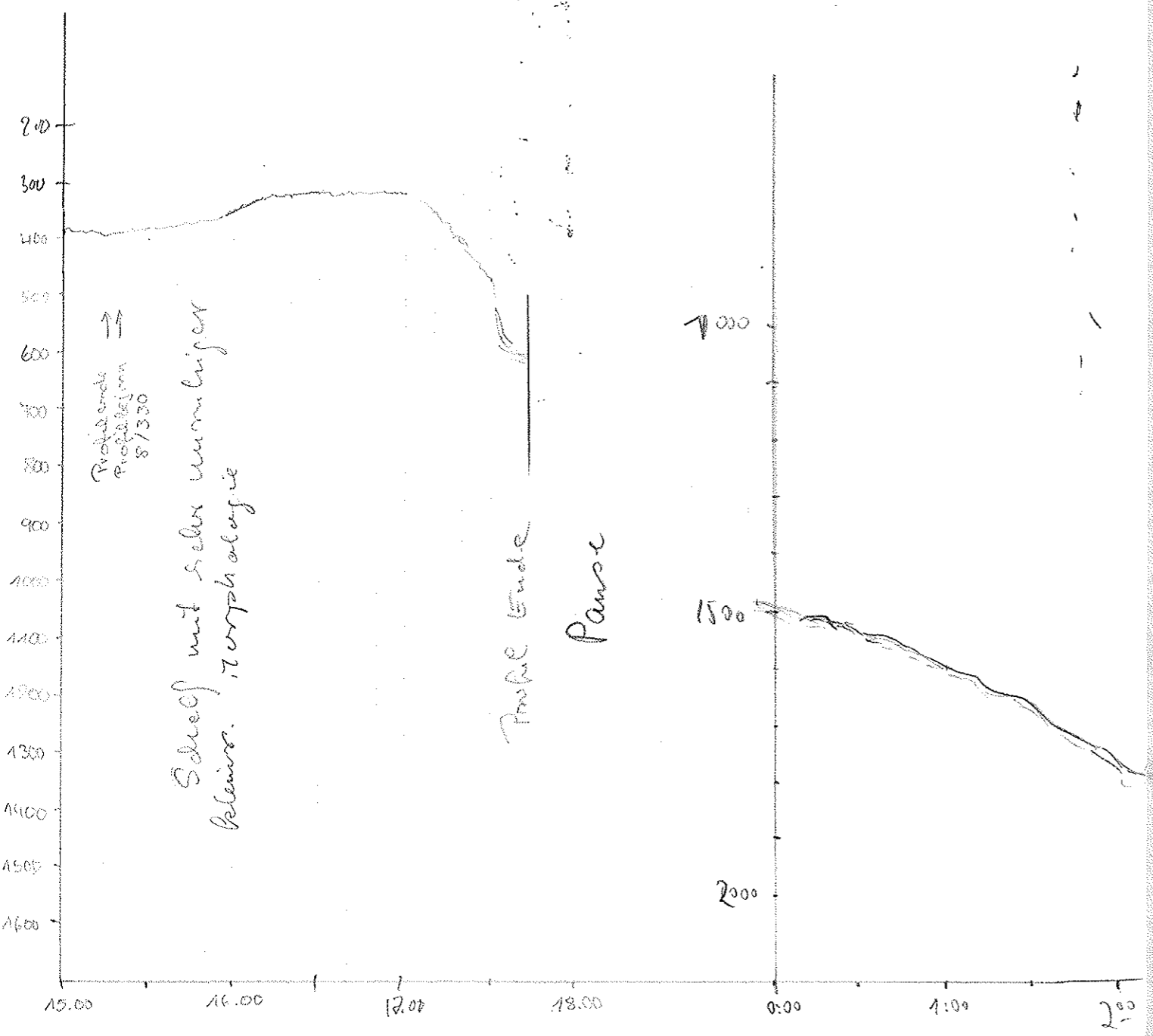
PROFIL ENDE



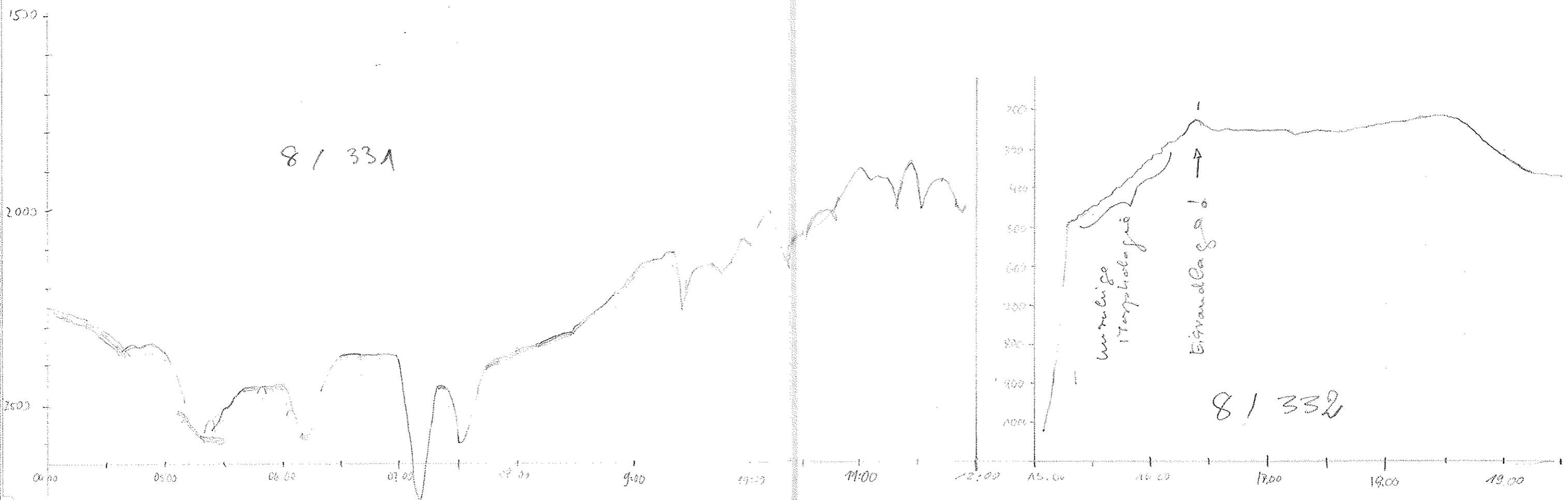
Rolle Nr	Profil Nr	Datum	Zeit	Latitude S	Longitude W	Course	Speed	Tiefe	Tiefenbereich	Sweep	Triggerfolge	Delay	sec/Sweep	pulse/length	Notes
3	8/329	17.12.85	9:36	70° 15.30	8° 32.97	227	10.9	1164	1031 - 1406	2	KP	0.13	1/2	1	neues Schreibgerät
			9:40	70° 13.64	8° 34.29	2187	10.9		750 - 1125	3	K-P	0	"	"	
			10:20			236	11.1						"	"	
			10:45			270°							"	"	
			11:24	70° 17.63	9° 20.68	291°	11.1	1134	1031 - 1406	2	KP	0.13	"	"	
			11:46	70° 16.18	9° 13.52	310.6	11.2	1450	1406 - 1781	5	KPK-P	0.13	"	"	
			12:00	70° 14.65	9° 37.10	305.0	10.9	1446	1406 - 1781	5	KPK-P	0.13	"	"	
			12:25	70° 16.89	9° 46.86	219.8	10.6	1832	1781 - 2156	2	KP	.13	"	"	
			12:30	17.68	46.73	158.3	9.9	1816	1781 - 2156	2	KP	.13	"	"	
			12:34	18.27	46.09	160.0	10.5	1779	1688 - 2063	2	KP	.25	"	"	
			12:41	19.65	45.37	171.5	10.3	1652	1594 - 1969	2	KP	.38	"	"	
			13:00	22.03	49.71	233.2	11.0	1696	1594 - 1969	2	KD	.38	"	"	
			13:30	25.65	10° 02.52	192.2	10.9	1730	1594 - 1669	2	KP	.38	"	"	
			13:40	27.42	01.93	156.9	10.4	1583	1500 - 1875	5	KPK-P	.00	"	"	
			14:00	30.53	9° 58.92	178.8	10.6	1350	1125 - 1500	2	KP	.00	"	"	
			14:07	31.45	58.85	177.4	10.8	1110	750 - 1125	3	K-P	.00	"	"	
			14:16	33.13	58.37	184.0	10.4	638	375 - 750	2	KP	.00	"	"	
			14:36	36.06	03.81	207.7	11.4	379	"	"	"	"	"	"	
			14:42	36.99	05.19	196.0	10.2	377	94 - 469	2	KP	.38	"	"	
			15:03	40.42	10° 01.96	155.1	10.0	392	"	"	"	"	"	"	



Rolla Nr	Profil Nr	Datum	Zeit	Latitude S	Longitude W	Course	Speed	Depth	Tiefenbereich	Sweep	Trippelfolge	Delay	Sec/Sweep	pulse/length	Note	
3	8/329 8/330	17.12.85	15:15	70° 41.98	10° 59.53	179.8	6.3	396	94 - 469	2	KP	.38	1/2	1	Profilsende 8/329 Profilsbeginn 8/330 Shear or Test Profile	
			15:20	70° 42.18	10° 1.02	226.3	4.2	390	94 - 469	2	KP	.38	"	"		"
			15:30	70° 42.15	10° 2.57	291.1	3.6	384	"	"	"	"	"	"		"
			16:00	70° 41.50	10° 7.79	276.2	3.5	351	"	"	"	"	"	"		"
			17:27	70° 38.36	10° 20.10	339.8	4.3	471	375 - 750	2	KP	.00	1/2	"		"
			17:41	70° 37.85	10° 18.97			Profil ENDE								
4	8/331	17.12.85	23:47	70° 52.28	11° 47.96	275.4	5.2	1457	1175 - 1500	2	KP	.00	1/2	1	Anfang Profil 8/331 (DGR-Profil ?) Änderung d. Bereichs Änderung d. Bereichs Sedimentmächtige Kolob Bereich geändert	
			23:54	keine	INMMS-Daten (kurzer Ausfall)				1486 - 1787	5	KPK-P	.23	"	"		"
			00:30	70° 51.28	11° 53.70	286.5	5.0	1620	"	5	"	"	"	"		
			01:00	70° 50.36	12° 00.43	280	5.0	1675	"	5	"	"	"	"		
			01:30	70° 49.81	12° 07.59	284	5.0	1752	1594 - 1969	2	KP	.38	1/2	1		"
			02:08	70° 48.50	12° 11.94	281	5.2	2070	1969 - 2044	5	KP KP	.38	"	"		"
			02:32	70° 48.28	12° 23.98	283	5.0	1987	1688 - 2063	2	KP	.25	"	"		"
			02:53	70° 47.85	12° 19.39	291	5.3	1982	"	2	KP	.25	"	"		"
			03:04	70° 47.55	12° 32.72	289	5.3	2010	1875 - 2250	2	KP	.00	"	"		"
			03:53	70° 46.25	12° 44.34	284	5.6	2280	2063 - 2438	5	KP KP	0.25	"	"		"



Rolle Nr.	Profil Nr.	Datum	Zeit	Latitude S	Longitude W	Course	Speed	Tiefe	Tiefenbereich	Sweep	Trigger	Delay	Sec / Sweep	pulse / length	Note	
4	8/331	18.12.85	5:00	70°45.52	13°02.88	270.4	5.5	2400	2156-2531	5	KPKP-	0.13	1/2	1	Bereich geändert	
4	"	"	5:13	70°45.46	13°06.36	270.8	5.3	2528	2344-2719	2	KP	0.38	"	"		
4	"	"	8:12	70°53.53	13°37.10	168.3	5.2	2345	2156-2531	5	KPKP	0.13	"	"		
4	"	"	8:30	70°55.11	13°37.21	168.5	5.1	2305	"	"	"	"	"	"		
4	"	"	8:57	70°57.33	13°34.62	161.6	5.2	2161	1969-2344	5	KPKP	0.38	"	"		"
4	"	"	9:20	70°58.86	13°30.53	115.5	5.2	2110	"	"	"	"	"	"		
4	"	"	10:00	70°53.98	13°20.59	98.9	5.1	2081	"	"	"	"	"	"		
4	"	"	10:30	71°00.17	13°12.75	104.1	5.2	2063	"	"	"	"	"	"		
4	"	"	10:50	71°00.90	13°08.46	162.2	5.0	1976	1781-2156	2	KP	0.13	"	"		
4	"	"	11:20	71°02.42	13°14.18	246.0	5.3	1937	"	"	"	"	"	"		
"	"	"	11:50	71°03.18	13°22.52	263.1	5.3	1993	"	"	"	"	"	"		
"	"	"	12:09	03.94	27.46	242.	5.6	2012	"	"	"	"	"	"		
4	8/332	"	13:30	71°07.30	14.59										Profilende 8/331 Gerät abgeschaltet, wegen lautem Geräusch. → Motor defekt beim Schreiben, ausgewechselt Gerät in Betrieb	
5	8/332	"	15:05	71°20.28	14°04.89	217.1	11.0	1621	750-1125	3	K-P	00	"	"		
"	"	"	15:12	21.24	7.29	218.7	11.0	1741	469-844	3	K-P	0.38	"	"		
"	"	"	15:24	23.11	13.25	218.7	11.0	1466	188-563	2	KP	0.25	"	"		
"	"	"	15:35	24.32	17.21	194.2	10.5	1485	"	"	"	"	"	"		
"	"	"	16:07	28.84	27.47	217.7	10.9	314	"	"	"	"	"	"		
"	"	"	17:50	43.68	15°00.66	180.1	10.7	200	"	"	"	"	"	"		
"	"	"	18:20	46.60	10.05	237.9	10.6	211	"	"	"	"	"	"		
"	"	"	18:51	51.06	20.79	215.6	10.9	284	"	"	"	"	"	"		
"	"	"	19:20	55.23	29.97	216.6	10.6	357	"	"	"	"	"	"		
"	"	"	19:50	59.60	39.81	215.6	10.6	374	"	"	"	"	"	"		
"	"	"	20:20	62.02.90	50.89	247.4	10.6	374	"	"	"	"	"	"		

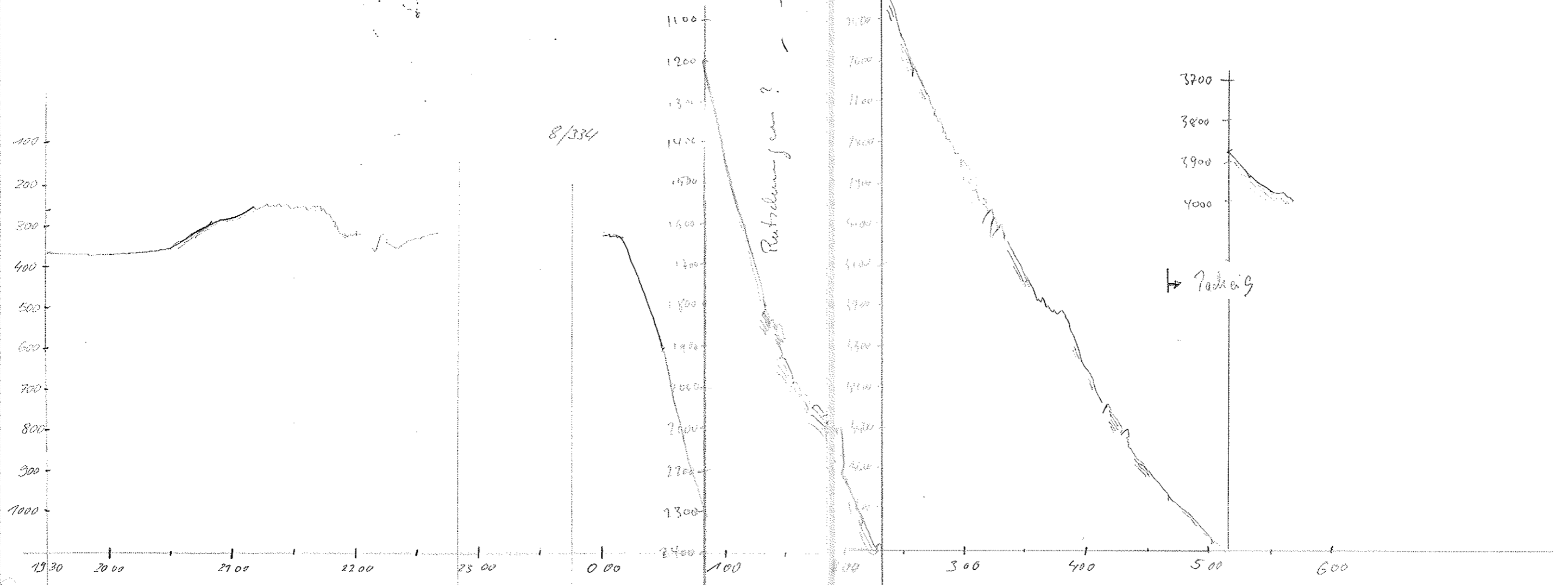


Rolle Nr.	Profil Nr.	Datum	Zeit	Latitude S	Longitude W	Course	Speed	Depth	Tiefenbereich	Sweep	Trigger	Delay	Sec/Sweep	Pulse length	Note
5	8/332	18.12.85	20.50	72° 04.79	16° 07.41	250.0	10.6	287	188 - 563	2	KP	0.25	1/2	1	
5	8/332	"	20.56	72° 05.19	16° 09.93	249.5	10.8	279	94 - 469	2	KP	0.38	1/2	1	
5	8/332	18.12.85	21.18	72° 12.92	16° 27.67	181.8	10.8	336	"	"	"	"	"	"	
"	"	"	22.00	72° 14.60	16° 27.78	181.4	10.7	323	"	"	"	"	"	"	
"	"	"	22.30	72° 19.57	16° 27.90	207.	7.5	331	"	"	"	"	"	"	
"	"	"	22.38	72° 20.22	16° 30.60	191.5	2.1	314	"	"	"	"	"	"	Profilende 8/332
"	8/334	"	23.45	"	"	"	"	"	94 - 469	2	KP	.38	1/2	1	Start Profil 8/334
"	"	19.12.85	0:04	72° 16.18	16° 35.68	354.5	11.0	329	"	"	"	"	"	"	
"	"	"	0:26	72° 17.44	16° 33.07	340.0	10.7	443	375 - 750	"	"	.00	"	"	
"	"	"	0:33	72° 11.14	16° 40.57	336.2	10.8	236	656 - 1031	3	K-P	.13	"	"	
"	"	"	0:42	72° 10.09	16° 43.03	303.5	"	"	938 - 1313	2	KP	.25	"	"	
"	"	"	0:57	72° 9.3	16° 46.64	289.3	8.5	"	1219 - 1594	5	KPK-P	.38	"	"	
"	"	"	1:04	72° 8.29	16° 52.8	283.6	10.2	1564	1500 - 1825	5	KPK-P	0	"	"	
"	"	"	1:26	72° 6.13	17° 4.29	300	11	1575	1825 - 2250	2	KD	0	"	"	
"	"	"	2:00	72° 3.43	17° 21.64	300	10.8	2874	2156 - 2531	5	KPK-P	.13	"	"	
"	"	"	2:26	72° 1.35	17° 34.15	298.5	11	2920	2439 - 2813	2	KP	.25	"	"	
"	"	"	2:48	71° 59.6	17° 45.42	298.4	10.9	2790	2719 - 3094	5	K-P	.38	"	"	
"	"	"	3:20	71° 56.70	18° 1.41	300	10.3	3078	3000 - 3375	3	K-P	0	"	"	
"	"	"	4:00	71° 52.37	18° 21.55	293	10.5	3777	3781 - 3656	2	KP	.13	"	"	
"	"	"	4:32	71° 50.22	18° 35.95	298	9.3	3638	3563 - 3938	3	KP-	.25	"	"	
"	"	"	5:10	71° 47.34	18° 48.85	318	5.6	3900	3841 - 4219	2	KP	.38	"	"	
"	"	"	5:48	71° 45.01	18° 58.83										

Profilende 8/332

Start Profil 8/334

Profil Camp Norway

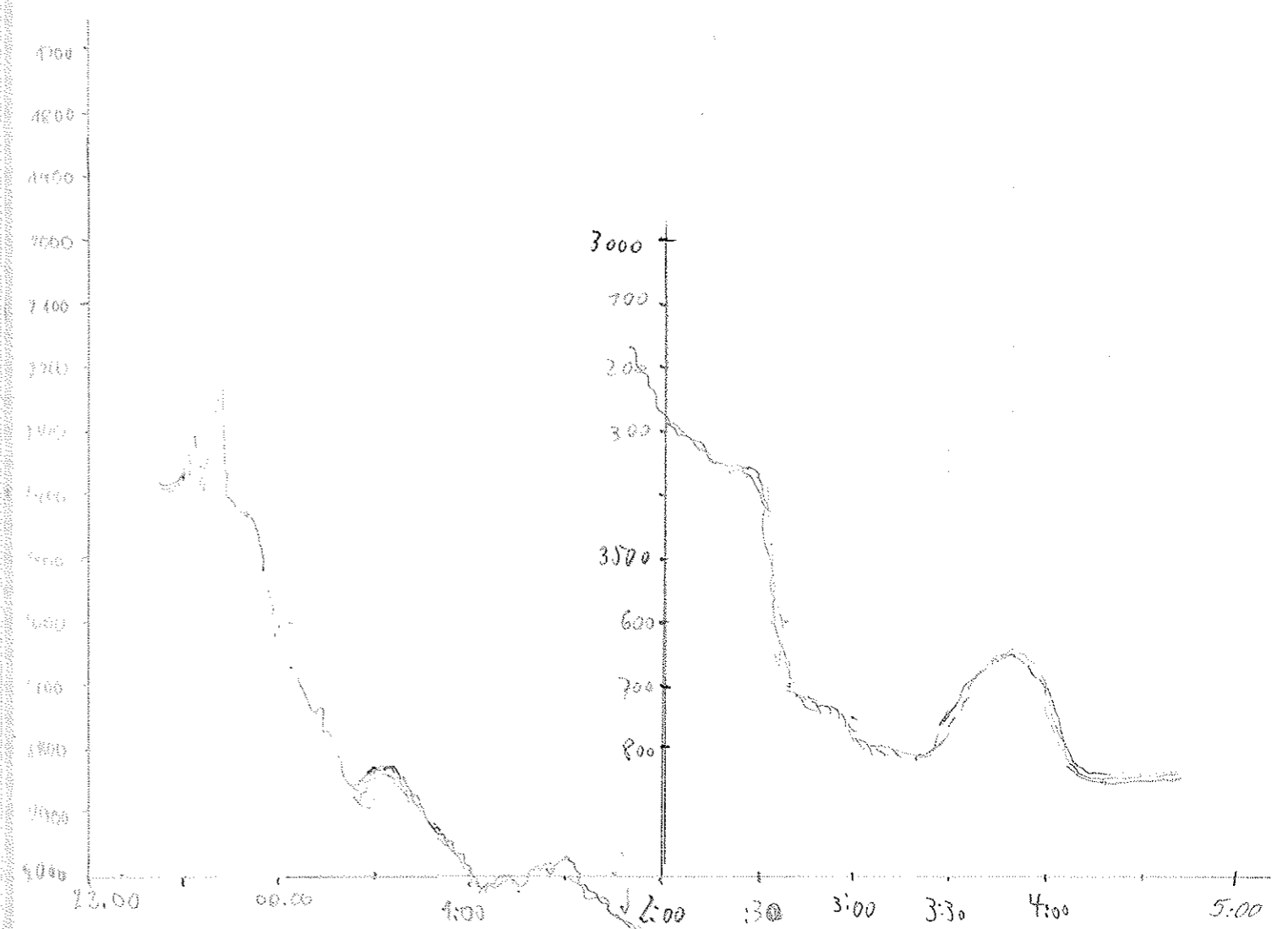
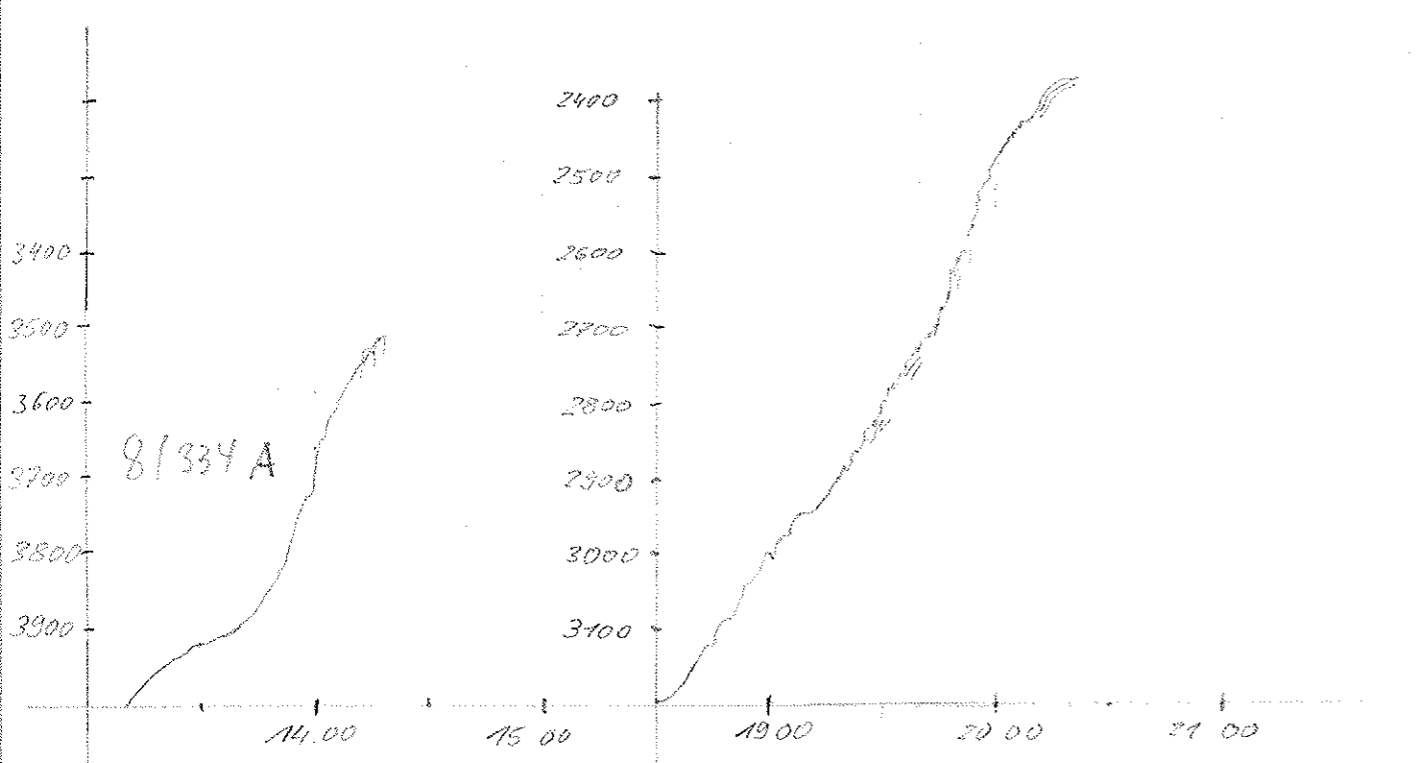


Profil EU

Rolle Nr.	Profil Nr.	Datum	Zeit	Latitude	Longitude	Course	Speed	Depth	Tiefenbereich	Sweep	Trigger	Delay	sec/sweep	pulse length		
5	81334A	19.12	13.10	71°46.90	18°53.58	176.0	5.5	4093	3244 - 4249	2	KP	.38	1/2		Anlaufprofil von Station 8/335 n. 8/336 81334 A	
"		"	13.35	46.96	48.63	176.0	8.4	3897	3563 - 3938	3	KP	.25	"			
"		"	"	14.03	49.88	37.35	126.7	10.8	3665	"	"	"	"			
"		"	"	14.17	51.36	20.18	113.6	11	3521	3188 - 3563	2	KP	.25	"		

5	8/337	19.12.	18.29	71°54.30	18°18.13	178.9	8.3	3244	3000 - 3375	3	K-P	.00	"	"	Start 8/337
"	"	"	19.00	71°56.61	18°03.54	177.6	10.7	3021	2719 - 3094	3	"	.38	"	"	Anlaufprofil von 8/336 n. 8/338
"	"	"	19.32	71°59.08	17°47.32	176.3	10.8	2798	"	"	"	"	"	"	"
"	"	"	19.38	71°59.56	17°43.98	178.0	10.7	2739	2438 - 2813	2	KP	.25	"	"	"
"	"	"	20.00	72°01.41	17°33.44	179.6	10.7	2470	2156 - 2531	5	KPKP	.13	"	"	Anlauf Station 8/338
"	"	"	20.20	72°02.85	17°25.37	176.8	0	2333	"	"	"	"	"	"	Profilbeginn 8/339 um 23.10
"	8/339	19.12	23.30	72°04.03	17°32.45	259.6	8.5	2370	"	"	"	"	"	"	starker Gel. Abfall
"	"	20.12.	00.15	72°04.78	17°45.54	259.7	10.8	2510	2428 - 2813	2	KP	.25	"	"	"
"	"	"	00.15	72°05.47	17°57.37	259.5	10.7	2965	2625 - 3000	2	KP	.00	"	"	"
"	"	"	00.30	72°05.96	18°05.84	259.8	10.9	2871	"	"	"	"	"	"	"
"	"	"	00.46	72°06.53	18°15.67	258.9	10.7	2979	2906 - 3281	3	K-P	.13	"	"	"
"	"	"	01.15	72°08.04	18°38.65	258.0	10.9	3023	"	3	K-P	.13	"	"	"
"	"	"	01.45	72°09.13	18°55.74	258.6	11.0	3132	"	3	"	.25	"	"	"
"	"	"	1:58	72°09.59	19°03.72	258.9	11.0	3307	3094 - 3469	2	KP	.38	"	"	"
"	"	"	2:19	72°10.43	19°14.98	258.6	10.9	3487	3375 - 3750	2	KP	.00	"	"	"
"	"	"	2:42	72°11.24	19°28.37	259.2	10.6	3749	3563 - 3938	3	KP	.25	"	"	"
"	"	"	3:20	72°12.51	19°45.07	257.0	7.0	3837	"	3	KP	.25	"	"	"
"	"	"	3:55	72°14.57	20°01.47	253.7	10.4	3793	"	"	"	"	"	"	"
"	"	"	4:30	72°14.83	20°12.43	106.7	-7.1	3838	3563 - 3938	"	"	"	"	"	Fin

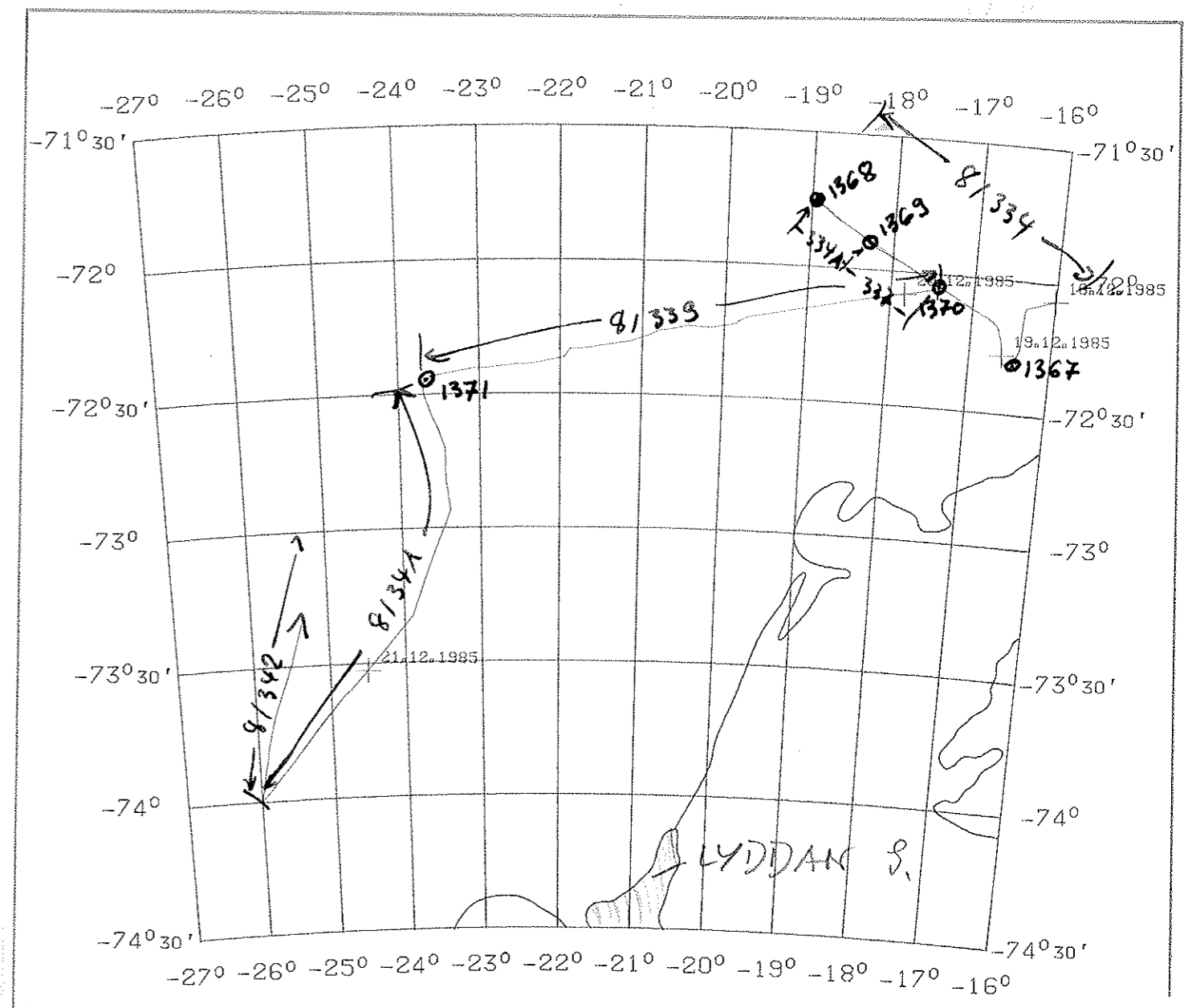
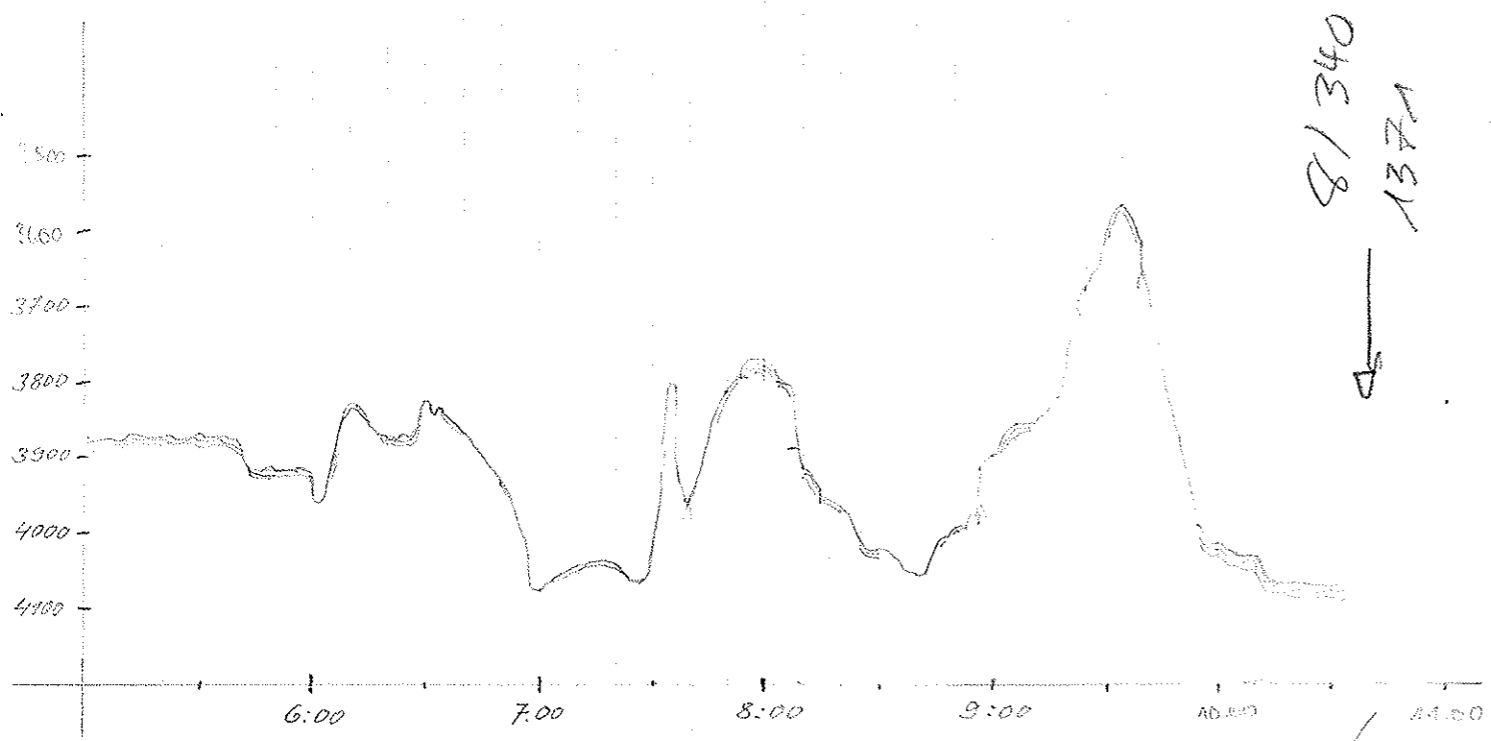
71° 54,7 S  
18° 12,41 W  
3200 m Wt



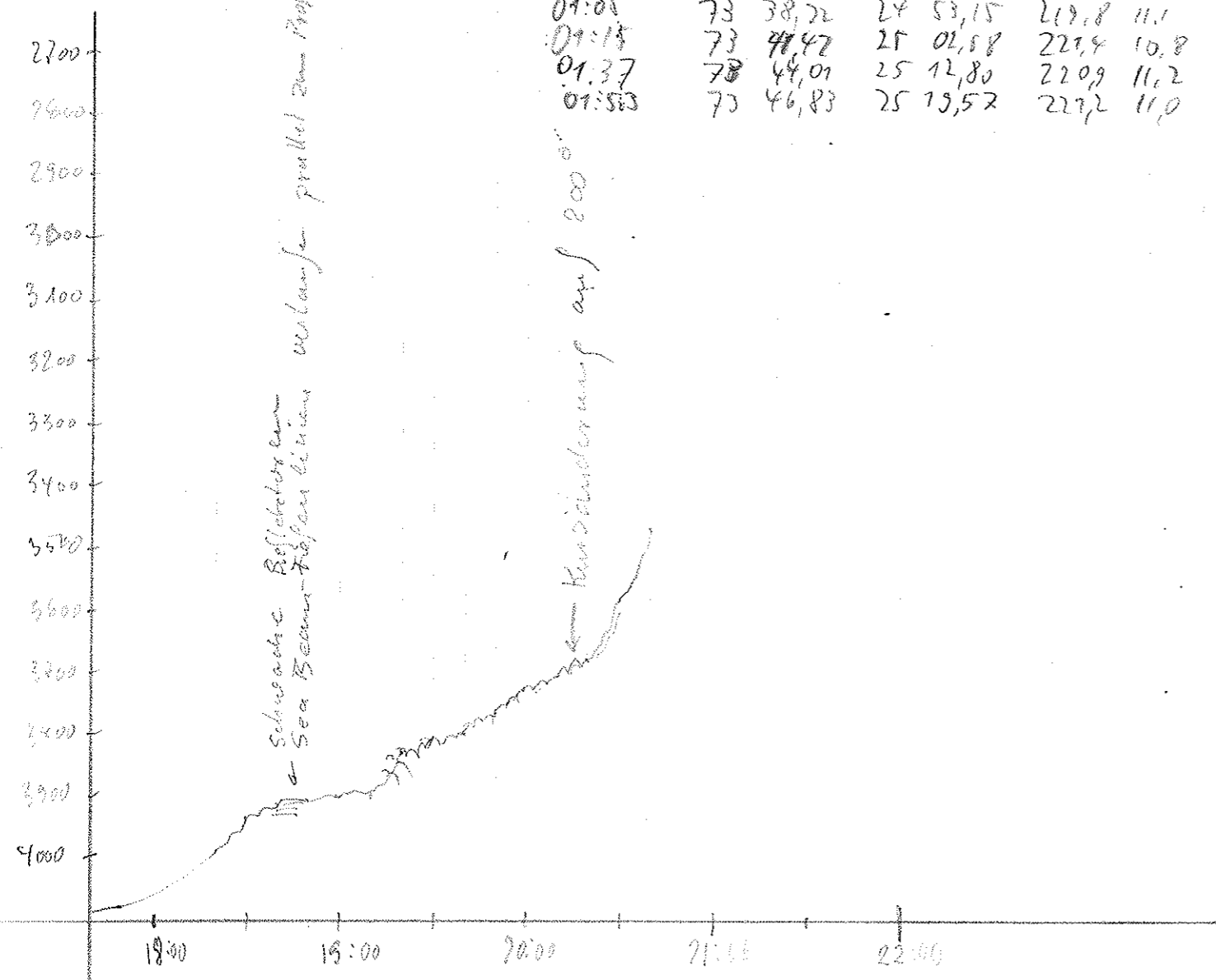


Rolle Nr.	Profil Nr.	Datum	Zeit	Latitude	Longitude	Course	Speed	Depth	Tiefenbereich	Sweep	Trigger	Delay	sec/sweep	pulse length	
6	8/339	20.12.85	5:46	72° 14.56	20° 20.71	270.9	11.5	3870	3563 - 3938	3	KP	.25	1/2	1	Rolle gewechselt
"	"	"	5:30	15.34	38.79	282.4	10.9	3853	3750 - 4125	3	KP	.00	"	"	"
"	"	"	6:00	16.77	55.01	242.0	11.0	3880	"	"	"	"	"	"	"
"	"	"	6:30	18.43	21° 11.28	261.0	10.9	3824	"	"	"	"	"	"	"
"	"	"	7:07	19.43	32.21	260.2	10.7	4105	3938 - 4373	2	"	.25	"	"	"
"	"	"	7:30	19.97	45.73	266.2	9.5	4035	"	"	"	"	"	"	"
"	"	"	7:34	20.00	47.08	274.0	10.0	3937	3656 - 4037	3	"	.13	"	"	"
"	"	"	8:00	22.05	59.32	256.9	10.5	3788	"	"	"	"	"	"	"
"	"	"	8:23	22.87	22° 12.68	258.4	10.9	~4000	3938 - 4313	2	KP	.25	"	"	Echolot ausgefallen, arbeitet wieder seit 8:40
"	"	"	8:30	23.11	16.59	258.2	11.0	~4030	"	"	"	"	"	"	"
"	"	"	8:57	23.56	32.31	265.4	10.2	3915	3656 - 4031	3	KP	.13	"	"	"
"	"	"	9:00	23.61	34.44	264.5	10.5	3902	"	"	"	"	"	"	"
"	"	"	9:25	24.03	47.98	264.0	10.5	3674	3281 - 3656	2	"	.13	"	"	"
"	"	"	9:41	24.20	57.90	270.0	10	3670	3469 - 3844	3	KP	.38	"	"	"
"	"	"	9:56	24.33	23° 5.08	260.4	11	3990	3750 - 4125	3	KP	.00	"	"	"
"	"	"	10:32	25.42	26.70	238.9	10.7	4066	"	"	"	"	"	"	"
"	"	"	10:46	27° 25.26	23° 53.79	Propel A									

ENDE 1 Station 340 Start  
 AWTN 1371



Rolle Nr.	Profil Nr.	Datum	Zeit	Lat	Long	Kurs	Speed	Tiefe	Bereich	Sweep	Tr.	Delay	Notes	
6	8/341	20.12.85	17:37	72° 28.08	23° 41.75	171	7	408.0	3750-4125	3	KP-	0	Profil Anfang	
"	"	"	18:10	33.94	36.17	163	11.1	4024	"	"	"	"		
"	"	"	19:40	49.73	25.47	172	11	3800	3469-3844	"	"	.38		
"	"	"	20:16	56.12	25° 25.08	neuer Kurs		2000						
"	"	"	20:40	49.73	23° 14.26	201	10.7	3473	3188-3563	2	KP	.25		
"	"	"	20:50	45	1.67	23° 30.42	200.7	10.9	3246	2906-3281	3	K-P		.13
"	"	"	20:55	73°	2.67	23° 31.81	200.5	11.3	3314	3188-3563	2	KP		.25
"	"	"	21:22	73°	7.13									
"	"	"	21:55	73°	9.32	23° 40.73	200.5	11.3	3480	3188-3563	2	KP		.25
"	"	"	21:40	73°	11.17	23° 44.57	201.3	11.1	3135	2006-3281	3	K-P		.13
"	"	"	21:48	73	13.78	23 46.52	201	11.2	2885	2625-3000	2	KP		0
"	"	"	22:20	73°	14.13	23 57.71	200.5	11.2	2078	2906-3281	3	K-P		.13
"	"	"	22:38	73°	15.77	23 58.5	221.4	10.7	1361	2156-2531	5	KPKP		.13
"	"	"	22:49	73	21.62	24 00.12	221.4	10.7	2912	2156-2531	5	KPKP		
"	"	"	22:50	73°	27.93	24° 4' 3	221.1	11.2	1794	2531-2906	2	KP		.13
"	"	"	23:08	73	24.32	24 08.35	222.1	11.3	3750	2813-3188	3	K-P		0.25
"	"	"	23:12	73	24.23	24 09.49	222.2	11.7	3354	3563-3938	2	KP		0.25
"	"	"	23:28	73	27.12	24° 16.84	221.5	11.0	3204	3094-3469	2	KP		.38
"	"	"	23:47	73	28.97	24° 22.55	220.0	11.2	2281		5	KPKP		.25
"	"	"	23:50	73	30.22	24° 26.38	221.3	11.1	2602	2438-2819	2	KP		.25
"	"	"	23:54	73°	30.96	24° 28.65	221.0	11.1	1870	2719-3094	3	K-P		.38
"	8/341	21.12.85	00:30	73	35.38	24 42.65	221.1	10.9	3185	3094-3469	2	KP		.38
"	"	"	00:45	73°	37.15	24 49.95	219.5	10.7	2706	2813-3188	3	K-P		.25
"	"	"	01:05	73	38.72	24 53.15	219.8	11.1	1864	2719-3094	3	K-P		.38
"	"	"	01:15	73	41.47	25 02.58	221.4	10.8	3017	2813-3188	3	K-P		.25
"	"	"	01:37	73	44.01	25 12.80	220.9	11.2	1472	2756-2531	5	KPKP	.13	
"	"	"	01:53	73	46.83	25 19.52	227.2	11.0	1042	2906-3281	3	K-P	.13	

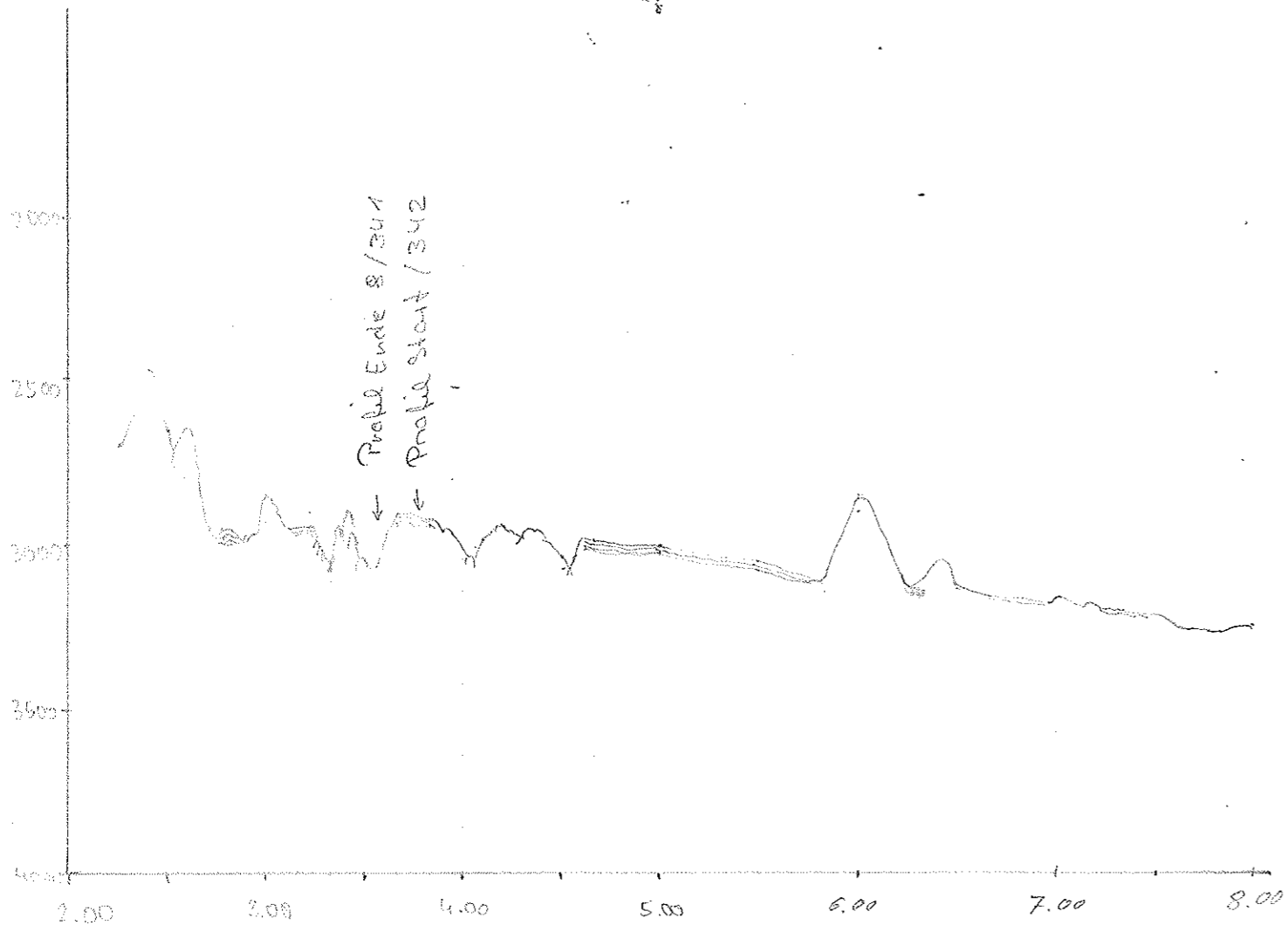


1875-2250

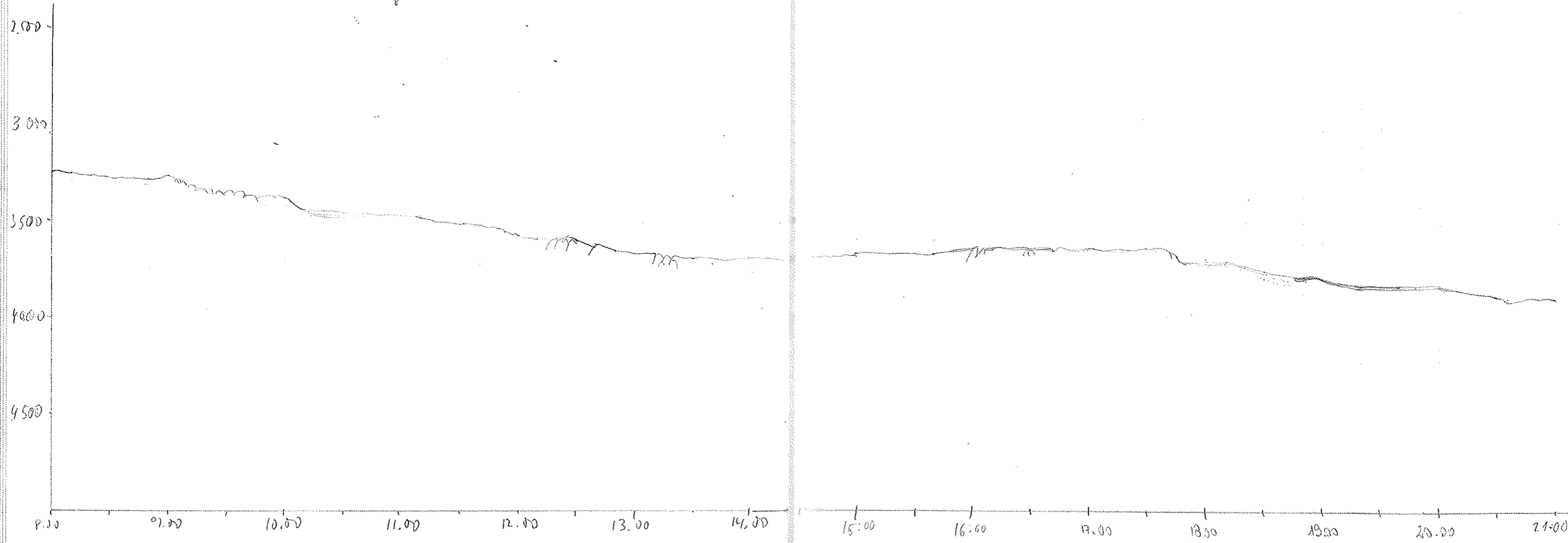
nicht viel zu sehen  
 }  
 Morphologie

Rolle Nr	Profil Nr	Datum	Zeit	Latitude	Longitude	Kurs	Speed	Depth	Bereich	Swoops	Tripps	Delay	soc/sweep	Pulse length	note
6	8/341	21.12.85	2.17	73° 49.76	25° 29.28	220.2	10.5	2691	2531-2906	2	W-P	.13	7/2	"	Profil LYDDAN  Steamer wird ausgebracht Profil ENDE Profil Start
"	"	"	2.30	51.98	34.20	210.3	11.3	2650	"	"	"	"	"	"	
"	"	"	2.43	33.91	39.74	219.4	11.4	2946	2906-3281	3	W-P	.13	"	"	
"	"	"	2.55	55.57	45.54	219.5	11.2	2945	2719-3094	3	W-P	.39	"	"	
"	"	"	3.30	59.31	57.96	227.8	6.2	3022	"	"	"	"	"	"	
"	8/341 ENDE	"	3.38	59.89	59.62	228.9	4.8	2874	"	"	"	"	"	"	
"	8/342	"	3.46	"	"	"	"	"	"	"	"	"	"	"	
"	"	"	4.08	73° 58.37	26° 00.04	4.3	4.4	2995	"	"	"	"	"	"	
"	"	"	4.30	56.81	25° 58.35	4.4	6.4	3031	"	"	"	"	"	"	
"	"	"	5.00	54.66	25° 56.25	12.1	4.2	3015	"	"	"	"	"	"	
"	"	"	5.10	54.03	55.69	11.5	4.1	3031	3000-3375	3	K-P	.00	"	"	
"	"	"	5.40	52.00	53.54	16.3	4.2	3059	"	"	"	"	"	"	
"	"	"	5.53	51.15	52.57	16.2	4.3	3040	2813-3188	3	K-P	.25	"	"	
"	"	"	6.03	49.86	52.53	14.8	4.7	2877	2531-2906	2	K-P	.13	"	"	
"	"	"	6.10	49.23	57.90	15.3	5.9	2951	2813-3188	3	K-P	.25	"	"	
"	"	"	6.40	46.38	50.22	16.0	5.1	3115	3000-3375	3	"	.00	"	"	
"	"	"	7.20	42.81	46.75	15.3	5.3	3207	"	"	"	"	"	"	
"	"	"	7.50	40.84	45.07	17.9	5.3	3252	"	"	"	"	"	"	

Fortsetzung nächste Seite



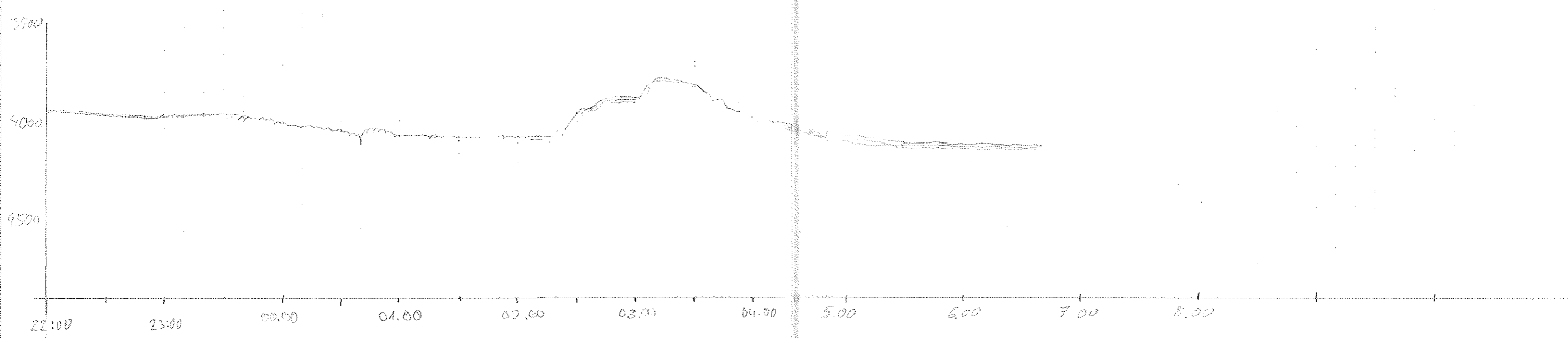
Roll	Profil	Datum	Zeit	Lat/Lon	Comp. Lat	Comp. Lon	Speed	Depth	Beam	Skew	Triggs	Delay	W. / Accy	W. / Light
6	8/342	21.12.85	8:20	73° 38.51	25° 42.19	018.1	5.3	3276	1000-3375	3	K-P	.00	7/2	1
"	"	"	8:40	36.94	40.39	018.4	5.2	3289	"	"	"	"	"	"
"	"	"	9:10	34.47	37.59	016.3	5.2	3313	"	"	"	"	"	"
"	"	"	9:22	33.36	36.33	017.5	5.0	3342	1094-3469	2	KP	.38	"	"
"	"	"	9:40	32.26	33.57	019.5	4.8	3360	"	"	"	"	"	"
"	"	"	10:10	30.15	30.99	017.2	5.8	3427	1281-3656	"	"	.13	"	"
"	"	"	10:40	27.64	28.03	018.8	5.7	3453	"	"	"	"	"	"
"	"	"	11:10	24.90	25.06	017.3	5.3	3488	"	"	"	"	"	"
"	"	"	11:40	22.06	22.43	015.3	5.6	3519	"	"	"	"	"	"
"	"	"	12:00	73° 20.43	25° 20.57	6.9	5.7	3541	"	"	"	"	"	"
"	"	"	13:00	73° 15.23	15.18	5.3	5.5	3587	"	"	"	"	"	"
"	"	"	13:40	73° 12.92	8.89	8.7	5.4	3612	1463-3938	3	KP-	.25	15:18	Belt gewechselt
"	"	"	17:05	S 72° 55.78'	W 24° 51.53'	16.3	5.4	3655	1563-3938	3	KP-	.25	"	1
"	"	"	17:30	S 72° 53.57'	W 24° 48.63'	15.8	5.4	3638	"	"	"	"	"	"
"	"	"	18:00	S 72° 51.16'	W 24° 45.85'	36.6	5.0	3720	"	"	"	"	"	"
"	"	"	18:30	S 72° 48.81'	W 24° 41.48'	11.4	5.5	3767	"	"	"	"	"	"
"	"	"	19:00	S 72° 46.01'	W 24° 39.68'	10.6	5.6	3819	"	"	"	"	"	"
"	"	"	19:30	S 72° 43.35'	W 24° 38.01'	9.9	5.5	3838	"	"	"	"	"	"
"	"	"	20:00	S 72° 40.58'	W 24° 36.38'	11.9	5.4	3855	"	"	"	"	"	"
"	"	"	20:30	S 72° 37.95'	W 24° 34.43'	10.1	5.6	3899	"	"	"	"	"	1
"	"	"	20:40	72° 37.04'	24° 34.41'	9.7	5.4	3904	1844-4219	2	KP	.38	"	4
"	"	"	21:00	72° 35.09'	24° 33.25'	10.7	5.7	3908	"	"	"	"	7/2	8



15:18 Belt gewechselt

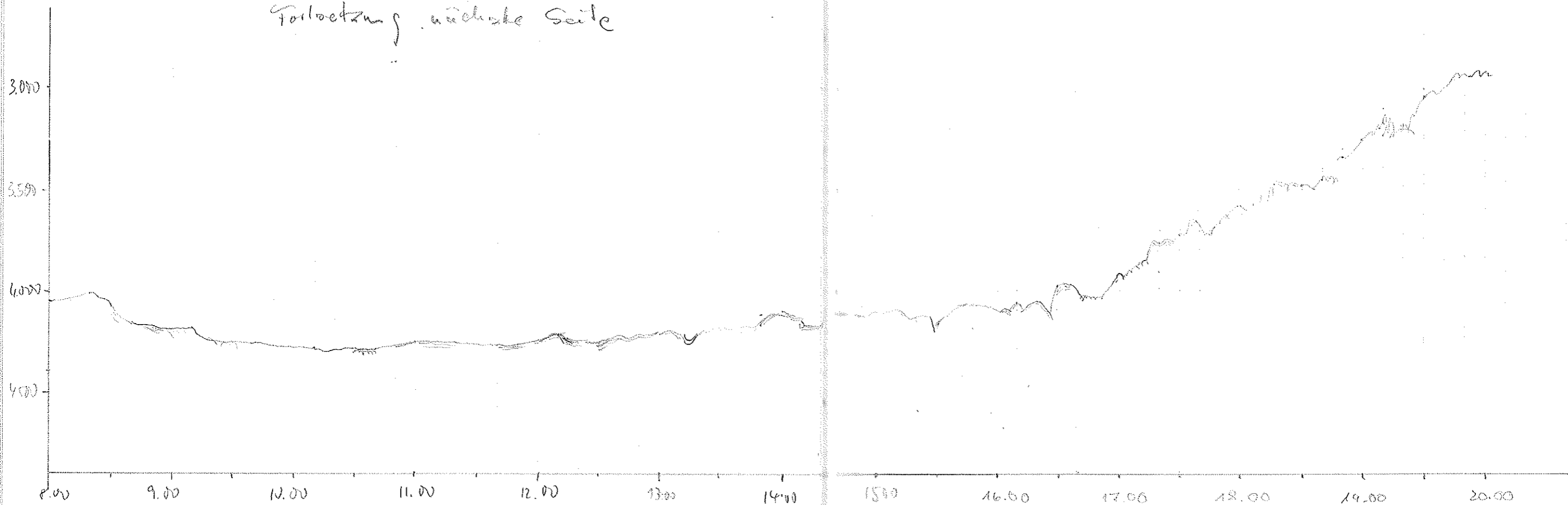
8 Schreibrinne gewechselt

Rolle	Profil	Datum	Zeit	Latitude	Longitude	Kurs	Speed	Depth	Bereich	Sweep	Trigger	Delay	rec/sweep	pulselength	Notes
6	08/342	21.12.85	22:00	72° 29,55	24° 27,95	15,5	5,6	3443	3844-4219	Z	KP.	0.38	7/2	1	
"	"	"	22:40	72° 26,24	24° 25,84	10,7	5,4	3956	"	"	"	"	"	"	
"	"	"	23:20	72° 22,80	24° 23,81	13,0	5,3	3762	"	"	"	"	"	"	
"	"	"	23:40	72° 21,09	24° 22,54	13,0	5,3	3775	"	"	"	"	"	"	
"	"	22.12.85	0:00	72° 19,42	24° 21,05	14,6	5,2	3792	"	"	"	"	"	"	
"	"	22.12.85	0:30	17,05	19,01	14,1	5,4	4041	"	"	"	"	"	"	
"	"	"	1:00	14,54	16,90	14,9	5,2	4085	"	"	"	"	"	"	
"	"	"	1:30	11,69	15,85	11,9	5,3	4089	"	"	"	"	"	"	
"	"	"	2:00	09,26	13,79	12,0	5,1	4074	"	"	"	"	"	"	
"	"	"	2:30	06,78	11,84	11,7	5,4	3940	"	"	"	"	"	"	
"	"	"	3:00	04,15	10,42	14,6	5,2	3882	"	"	"	"	"	"	
"	"	"	3:08	03,40	09,40	15,7	5,1	3882	1169 - 3844	3	KP	.38	"	"	
"	"	"	3:30	01,52	07,70	15,4	5,3	3805	"	"	"	"	"	"	
"	"	"	3:34	01,35	07,00	16,4	5,3	3830	1656 - 41	3	KP	.13	"	"	
"	"	"	4:00	71° 59,01	24° 05,18	14,9	5,3	3853	1038 - 4313	2	KP	.25	"	"	
"	"	"	4:30	56,74	03,01	15,5	5,2	4047	"	"	"	"	"	"	
"	"	"	5:00	54,29	00,95	14,3	5,2	4072	"	"	"	"	"	"	
"	"	"	5:40	51,43	23° 58,01	22,2	5,0	4039	"	"	"	"	"	"	
"	"	"	5:50	50,41	56,84	38,9	4,7	405	"	"	"	"	"	"	Rolle gewechselt
7	"	"	6:05	49,33	54,99	27,5	5,0	4111	"	"	"	"	"	"	
"	"	"	6:40	46,96	57,23	24,7	3,7	4115	"	"	"	"	"	"	
"	"	"	6:45	46,79	50,98	16,6	1,6	4115	"	"	"	"	"	"	in STANDBY geschaltet Streamer etc. wird eingeholt ENDE Profil 8/342



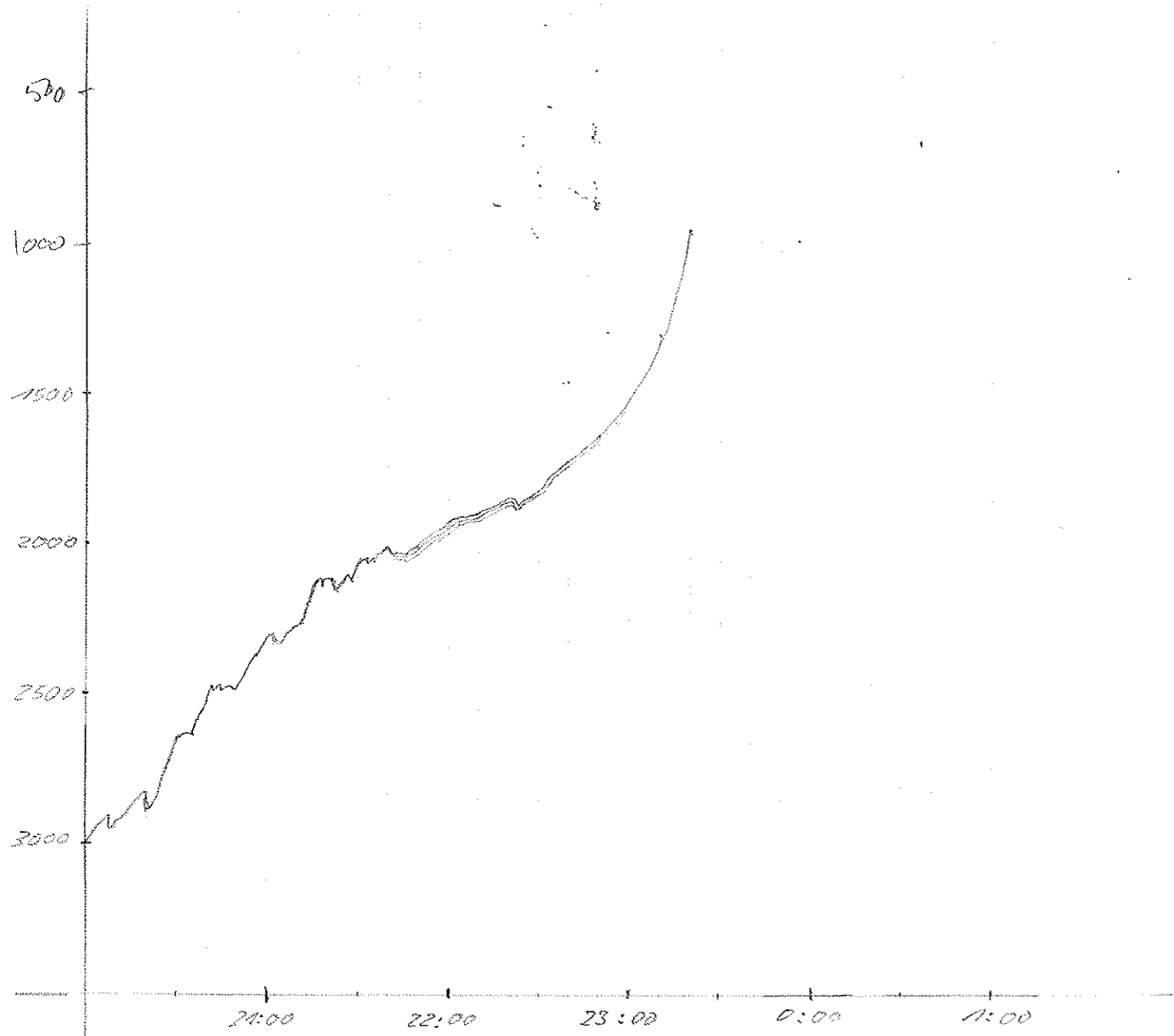
Rolle	Profil	Datum	Zeit	Latitudo	Longitudo	Wind Speed	Depth	Reich	Sweeps	Trigger	Delay	softsweep	pulse length	Notes
7	8/343	22.12.85	7:20	71° 46.19	23° 46.02	102.7	8.1	4442	3938-4373	2	KP	.25	1/2	Start Profil 8/343 Kurs 72° 06 17° 04
"	"	"	8:00	47.83	28.88	123.1	8.7	4050	"	"	"	"	"	
"	"	"	8:30	49.01	17.05	097.2	8.2	4073	"	"	"	"	"	
"	"	"	9:00	49.58	04.65	092.4	8.1	4179	"	"	"	"	"	
"	"	"	9:30	49.85	22° 51.13	076.5	8.0	4250	"	"	"	"	"	
"	"	"	10:00	50.26	38.62	075.6	7.8	4267	"	"	"	"	"	
"	"	"	10:17	50.50	31.31	098.2	8.1	4281	4031-4406	"	"	.13	"	
"	"	"	10:30	50.69	26.40	097.0	7.7	4281	"	"	"	"	"	
"	"	"	11:00	51.12	13.61	094.5	7.8	4251	"	"	"	"	"	
"	"	"	11:30	51.63	01.13	098.4	7.8	4263	"	"	"	"	"	
"	"	"	11:40	52.34	21° 48.58	096.9	8.2	4237	"	"	"	"	"	
"	"	"	12:30	52.86	35.62	97.2	8.4	4213	"	"	"	"	"	
"	"	"	13:00	54.06	23.89	120.3	8.8	4143	"	"	"	"	"	
"	"	"	13:40	55.91	06.60	98.1	8.0	4117	"	"	"	"	"	
"	"	"	14:20	71° 56.67	20° 49.72	95.0	8.9	4127	"	"	"	"	"	
"	"	"	14:45	57.34	37.42	99.9	9.6	4112	"	"	"	"	"	
"	"	"	14:58	57.73	30.10	98.3	9.2	4121	3844-4219	"	"	.38	Tropf Mulde & Hängel 14:35 3.5 KHz - Schmel	
"	"	"	15:32	58.82	13.41	702.4	9.7	4044	"	"	"	.78		
"	"	"	16:00	"	"	"	"	"	"	"	"	"	"	"
"	"	"	16:30	72° 01.43	19° 50.29	96.2	9.0	3988	"	"	"	"	"	
"	"	"	17:00	01.85	34.25	00.0	9.6	3926	"	"	"	"	"	
"	"	"	17:14	01.93	27.36	78.5	9.1	3809	3563-3938	3	KP	.25	"	
"	"	"	17:39	02.40	15.04	98.8	9.7	3668	"	"	"	"	"	
"	"	"	17:53	2.87	5.29	99.0	9.4	3434	3281-3656	2	KP	.13	"	
"	"	"	18:30	03.29	18° 50.56	98.9	9.5	3492	"	"	"	"	"	
"	"	"	19:00	03.29	36.92	115.3	8.7	3257	306-3281	3	K-P	.13	"	
"	"	"	19:30	04.77	23.58	101.3	8.7	3037	"	"	"	"	"	
"	"	"	20:00	05.60	12.03	107.1	8.5	2946	"	"	"	"	"	
"	"	"	20:40	05.92	05.23	107.9	8.7	2907	3119-3094	"	"	.38	"	

Fortsetzung nächste Seite

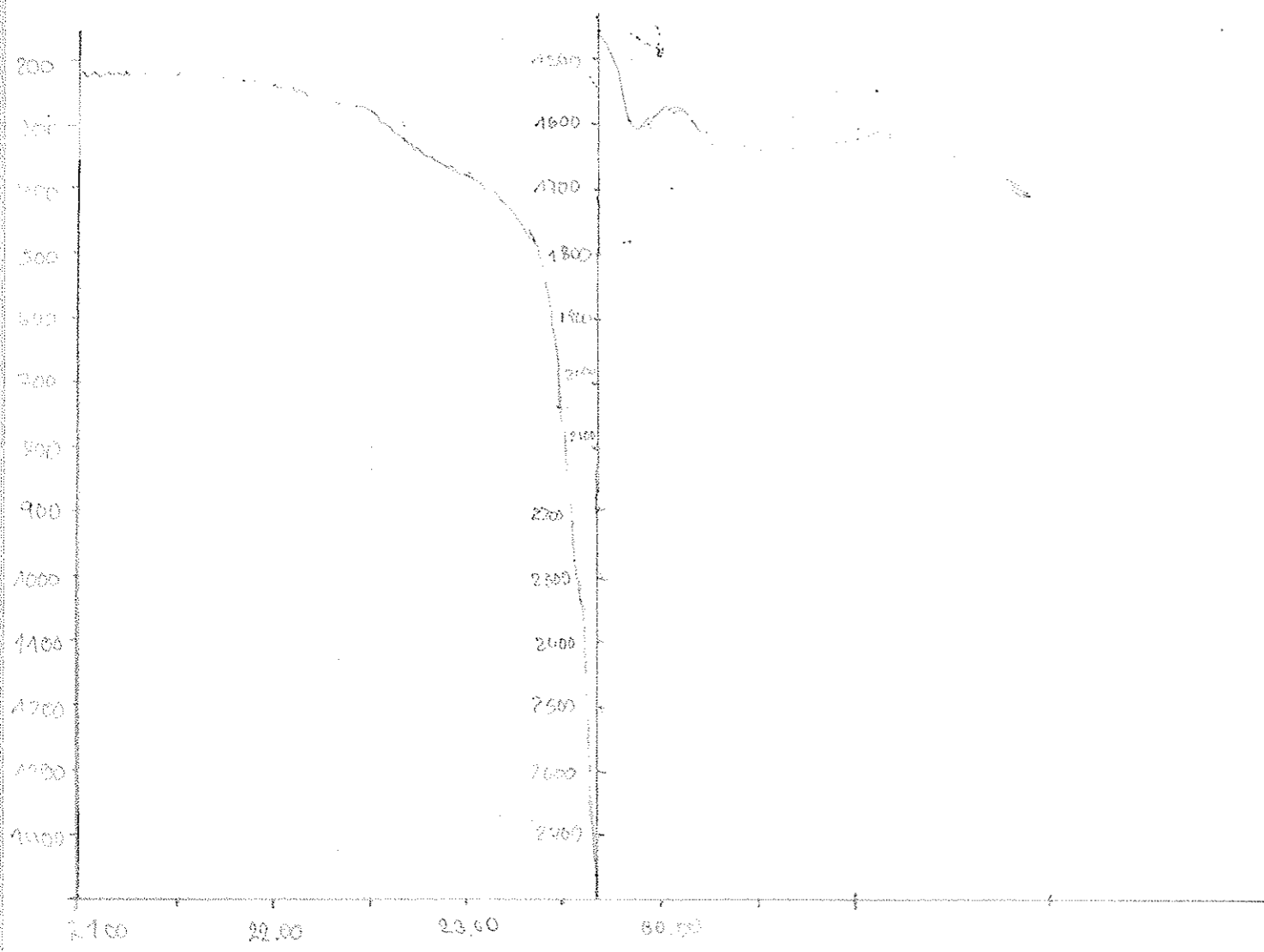


Rolle	Profil	Datum	Zeit	Latitude	Longitude	Kurs	Speed	Depth	Bereich	Sweeps	Trigger	Delay	Sec/Sweep	Pulse/Length	Notiz
	Fortsetzung														
7	08/343	22.12.85	20:24	72° 06.28	17° 58.72	99.3	8.7	2720	2438-2813	2	KP	.25	1/2	1.0	
"	"	"	20:50	06.95	47.15	100.4	8.5	2439	2456-2534	5	KPKP	.13	"	"	
"	"	"	21:15	07.61	36.72	101.8	7.8	2473	1875-2250	2	KP	.00	"	"	
"	"	"	21:30	08.08	30.72	104.4	7.7	2416	"	"	"	"	"	"	
"	"	"	22:10	09.36	13.85	102.2	8.3	1940	1694-1969	"	"	.38	"	"	
"	"	"	22:40	10.04	04.39	99.8	8.6	1779	"	"	"	"	"	"	
"	"	"	22:52	10.46	16° 56.57	102.8	7.9	1677	1343-1688	5	KPK-P	.25	"	"	
"	"	"	23:08	11° 10.85	16° 49.3	103.8	8.8	1336	338-1313	2	KP	.25	"	1	
"	"	"	23:21	11° 11.07	16° 48.53	104.3	7.1	981	56-1031	3	K-P	.13	"	"	

23:30 Profil Ende 72° 11.58 16° 41.43



Roller	Profil	Datum	Zeit	Latitude	Longitude	Wass. Temp	Depth	Tiefenbereich	Sweep	Trigger	Delay	sec/sweep	Pulse-length	Note
7	8/349	23.12.85	13.30					1875-2250	2	KP	.00	1/2	1	Profilbeginn
"	"	"	14.00	72° 07.86	17° 21.37	160.1	2005	"	"	"	"	"	"	
"	"	"	14.08	07.86	20.45	79.3	1906	1594-1969	2	"	.38	"	"	defekt Reparaturarbeiten
	8/351	Start	18.43											Quarz in der delay-unit defekt
"	8/351	23.12.85	21.13	71° 46.28	15° 08.79	39.7	219	94-469	2	KP	.38	1/2	1	altes Gerät weiter im Bereich, aber mit Störung
"	"	"	21.30	71° 45.18	15° 05.90	39.5	219	"	"	"	"	"	"	
"	"	"	22.02	71° 42.77	15° 00.81	38.6	237	"	"	"	"	"	"	
"	"	"	22.30	71° 40.77	14° 59.81	351.0	283	"	"	"	"	"	"	
"	"	"	23.00	71° 38.20	15° 00.82	356.0	380	"	"	"	"	"	"	
"	"	"	23.03	71° 37.94	15° 00.95	348.6	397	375-750	2	KP	.00	"	"	
"	"	"	23.27	71° 36.10	15° 02.19	306.4	740	656-1031	3	K-P	.13	"	"	
"	"	"	23.34	71° 35.64	15° 03.52	316.3	1037	1031-1406	2	KP	.13	"	"	
"	"	"	23.42	71° 35.12	15° 05.02	327.8	1457	1406-1781	5	KPK-P	.13	"	"	
"	"	24.12.85	00.02	71° 34.07	15° 04.19	53.5	1557	"	"	"	"	"	"	Roller gewechselt
8	"	"	00.16	71° 33.45	15° 02.15	50.4	1542	"	"	"	"	"	"	
			00.38	71° 32.40	15° 57.80	58.9	1300	1219-1594	"	"	.38	"	"	Kein Reflektor
			00.42	32.33	56.42	60.9	176	1125-1500	2	KP	.00	"	"	
			01.20	29.65	51.43	20.0	1856	1406-1781	5	KPK-P	.13	"	"	Reflektor schwach
			2:45	27.48	52.01	7.8	1747	1688-2063	2	KP	.25	"	"	ausgefallen
			2:00											
			2:36											





Roll	Profil	Datum	Zeit	Lat.	Long.	lows	Speis	Drill	Tiefenbrill	Sweep	Trigge	Delay
9a	8/352	24.12.85	14:38	71° 10.10	14° 42.49	072.6	10.7	2521	2250-2625	5	KPKP	.00
"	"	"	15:00	71° 10.40	14° 29.44	089.2	10.5	2330	"	"	"	"
"	"	"	15:34	71° 11.22	14° 22.24	089.1	10.6	2173	1175-2250	2	KP	"
"	"	"	16:07	71° 11.32	13° 54.17	92.6	10.4	2019	1875-2250	"	"	"
"	"	"	17:05	71° 10.99	13° 54.17	73.0	8.2	460	168-463	2	KP	.25
"	"	"	18:05	71° 09.23	12° 51.39	66.2	8.3	358	"	"	"	"
"	"	"	18:30	71° 11.36	12° 43.71	93.1	7.7	376	"	"	"	"
"	"	"	19:00	71° 12.84	12° 39.69	144.4	6.0	332	"	"	"	"
"	"	"	19:30	71° 11.33	12° 33.62	95.4	7.1	371	"	"	"	"
"	"	"	20:00	71° 09.85	12° 30.28	28.4	3.9	337	"	"	"	"
"	"	"	20:32	71° 09.85	12° 30.28	18.6	6.3	349	"	"	"	"

Inbetriebnahme des neuen Recorders

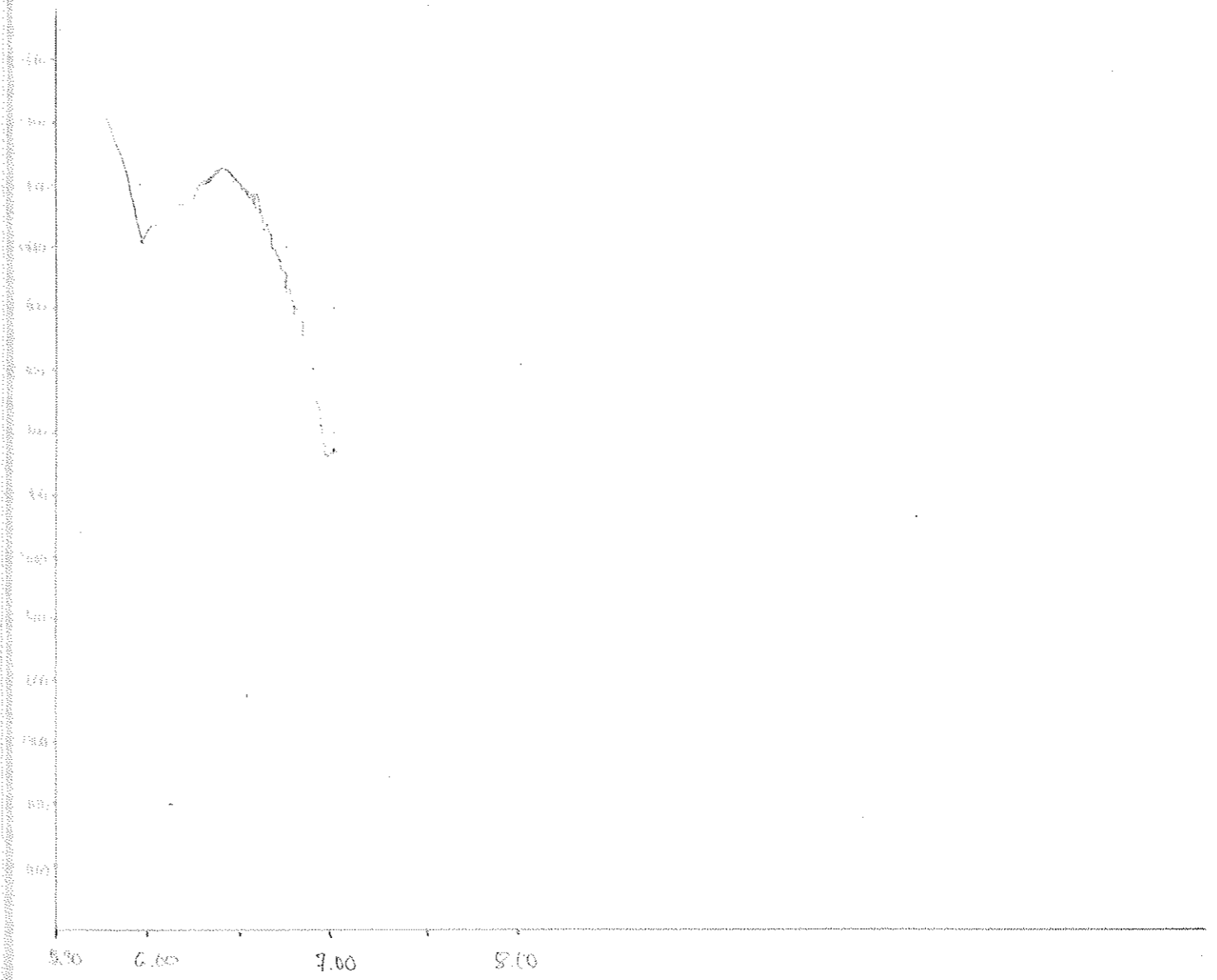
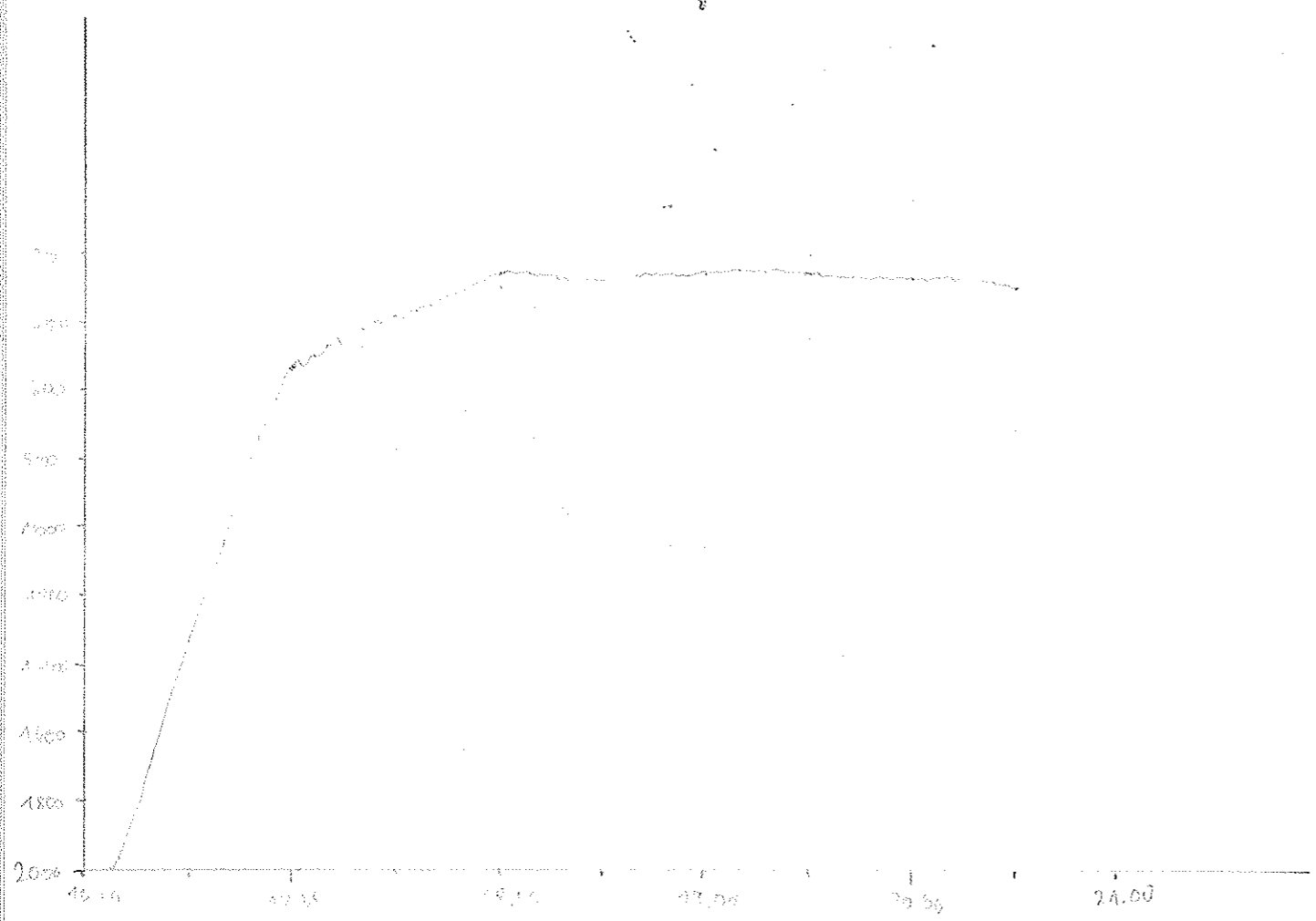
Kurswechsel auf 54°

Probleme mit der Bereichsumschaltung Bereich KPK-P .38 funktioniert nicht (1219-1534)

"	"	"	22:05	71° 02.36	11° 57.28	56.8	7.2	1245	1175-1500	2	KP	.00
"	"	"	22:19	71° 00.77	11° 48.53	55.3	10.6	349	160-1125	3	K-P	.00
"	"	"	22:28	70° 59.97	11° 44.76	62.3	-	-	109-844	3	K-P	.38
"	"	"	23:20	70° 55.47	11° 22.57	46.2	9.9	347	158-563	2	KP	.25
"	"	25.12.85	5:24	70° 17.02	9° 39.46	340.4	9.6	1503	1106-1781	5	KPK-P	.13
"	"	"	6:00	70° 11.75	9° 46.70	339.0	10.2	1888	1181-2156	2	KP	.13
"	"	"	6:23	70° 08.14	9° 50.67	338.4	9.6	1771	1000-1875	5	KPK-P	.00
"	"	"	6:29	70° 07.37	9° 51.67	339.5	9.7	1793	1444-1964	2	KP	.38
"	"	"	6:45	70° 04.91	9° 54.37	339.9	9.8	1961	1975-2250	2	KP	.00
"	"	"	8:00	70° 02.69	9° 54.02	351.4	9.3	2275	"	"	"	"

Tiefe im Schweb stimmt nicht mit angelegter Tiefe überein.  
 Channel 2 keine Triggerung, Doppelbedingung bei Channel 1 und 2, alles Gerät zusätzlich schwarzen Streifen oben  
 doppelte Reflexion  
 schwarzen Streifen oben, alles Gerät aus

auf 54°



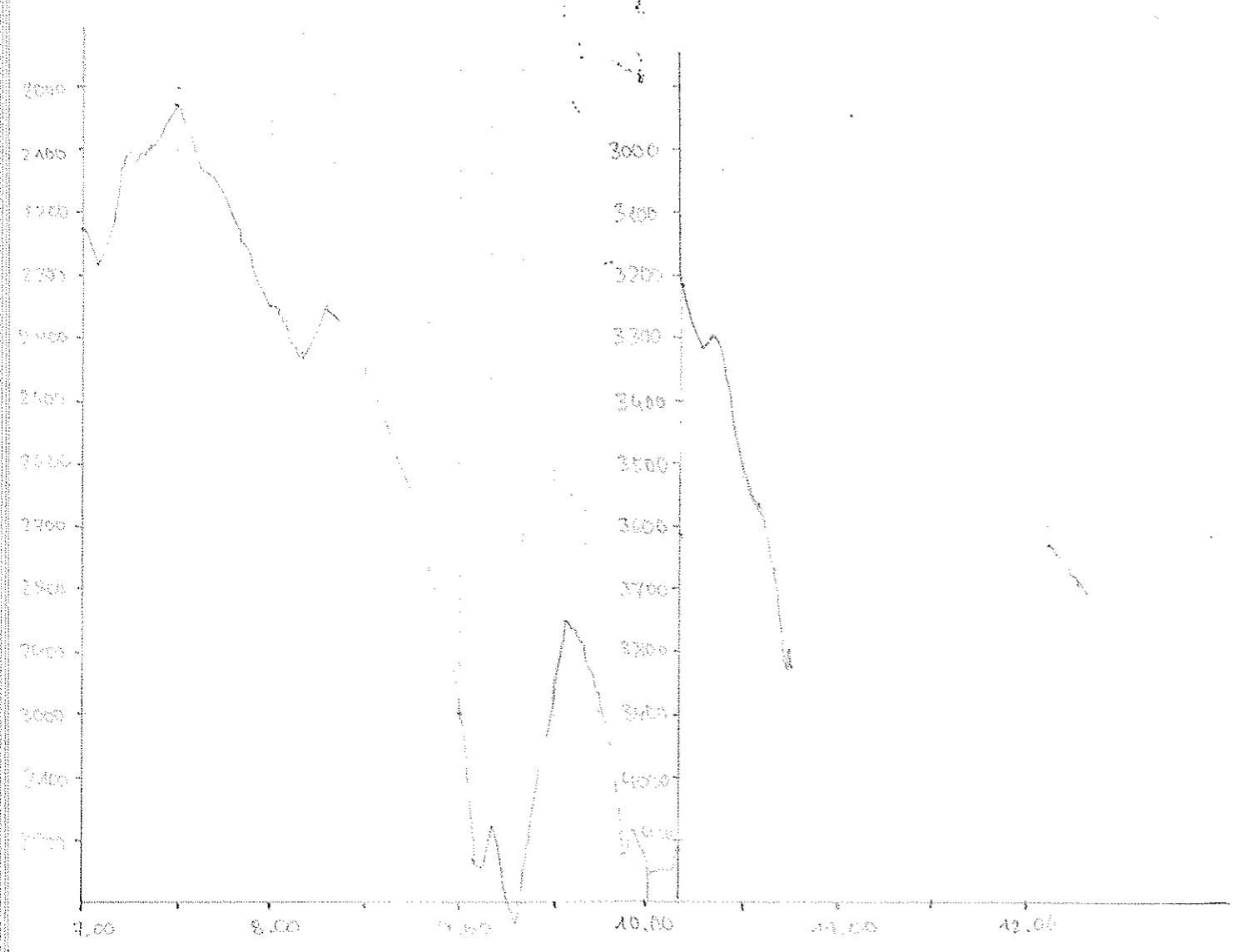
Roll	Profil	Datum	Zeit	Latitude	Longitude	Kurs	Speed	Depth	Tiefenbereich	Sweep	Trigger	Delay
9a	8/352	25.12.85	7:05	70° 04.92	09° 54.63	338.4	9.9	2285	2250-2650	5	KPKP-	.00
"	"	"	7:30	69° 58.14	10° 00.04	336.5	9.8	2050	1875-2250	2	KP	.00
"	"	"	7:40	"	"	"	"	"	"	"	"	"
"	"	"	8:03	69° 53.45	10° 05.15	340.9	9.7	2325	2250-2650	5	KPKP-	.00
"	"	"	9:00	69° 45.26	10° 13.17	337.8	9.6	3036	3000-3375	3	K-P	.00
"	"	"	10:02	69° 52.35	10° 24.24	325.6	9.7	3205	viel Probieren			
"	"	"	10:34	69° 32.00	10° 29.87	351.1	8.8	3560				
"	"	"	12:08	69° 20.44	10° 28.24	350.9	8.0	3621				
			12:28									

keine Reaktion, zurück auf altem Bereich 1875-2250, → Aufzeichnung weiterhin unregelmäßige Signale  
 (Gerät neu eingestellt durch Lehn, Riemen gewechselt)

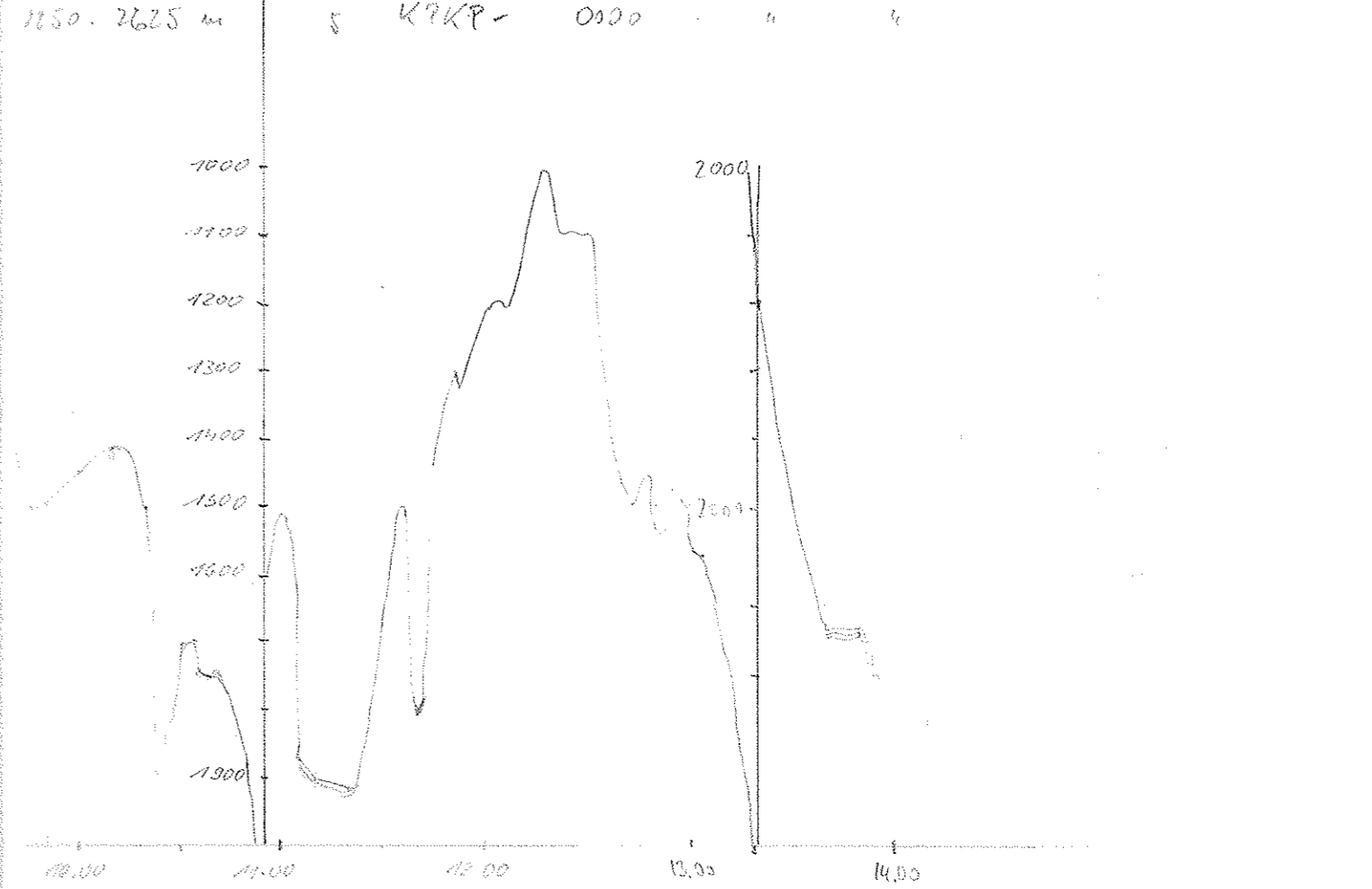
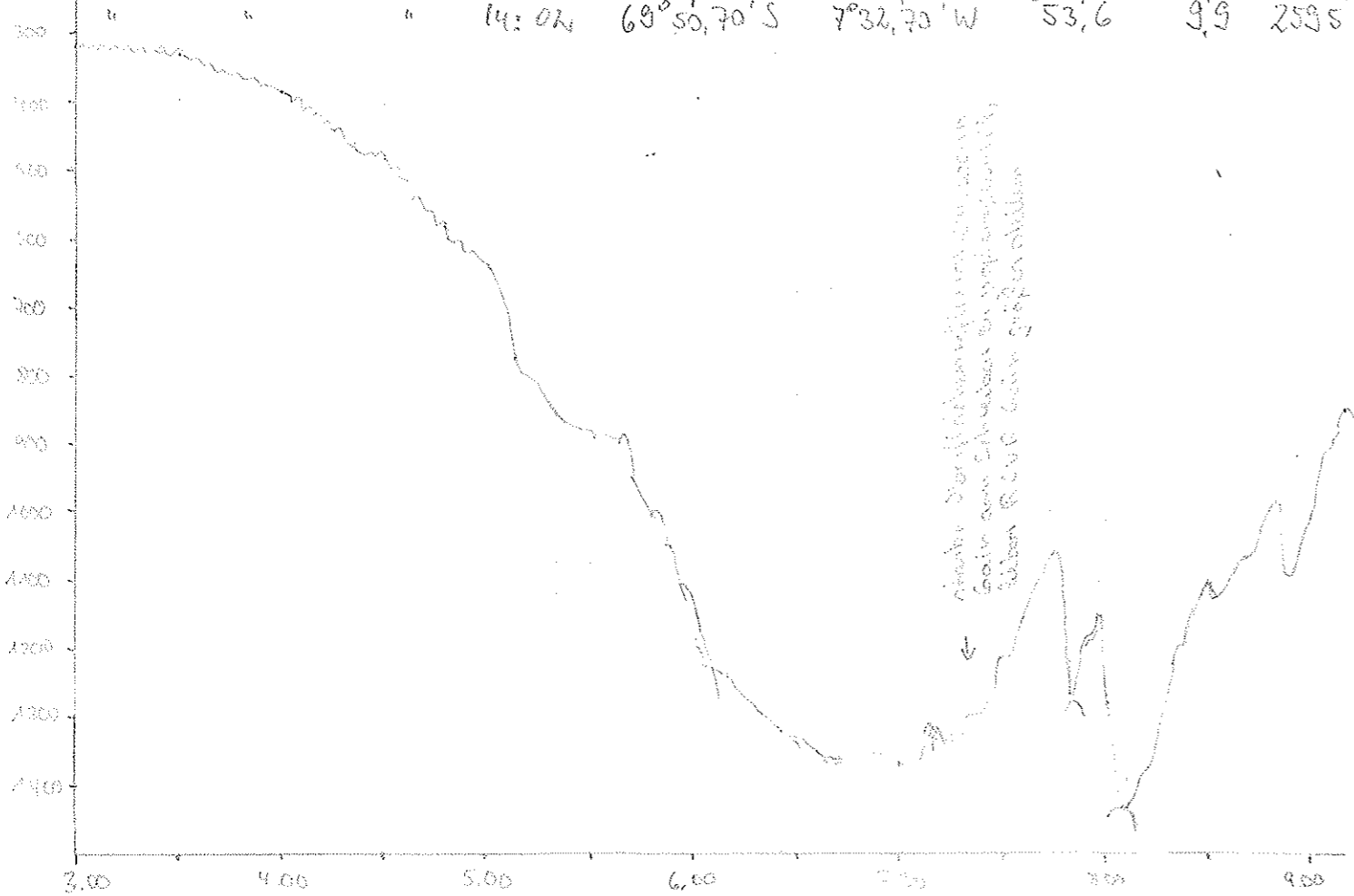
pulse-length = 4  
 " " = 1

Kern-Position bei 3734 m  
 69° 18.51  
 10° 35.57  
 Profil Ende

9a 8/352 12:58 69° 45.16 10° 43.88 17.2 6.6 3867  
 (Wechsel 9a → 9b bei 13:40)



Rolle	Profil	Datum	Zeit	Latitude S	Longitude W	Kurs	Speed	Depth	Tiefenbereich	Sweep	Trigger	m sec/ Delay	m sec/ norm	Metel/ sec	Note
9 b	8/362	27.12.85	3:09	70° 26.40	9° 18.24	65.1	11.3	348	75 - 750 m	2	KP	0000	750	1500	375-750 m gegen Süd, aber Reflexion
"	"	"	3:34	70° 25.64	9° 10.39	54.7	4.3	332	75 - 750 m	2	KP	1300	1000	"	zeitlich gestaubt
"	"	"	4:02	70° 24.78	9° 5.10	29.7	11.9	386	75 - 750 m	2	KP	0000	500	"	"
"	"	"	4:29	70° 22.43	9° 7.24	350.9	5.5	487	75 - 750 m	"	"	"	"	"	"
"	"	"	5:00	70° 19.02	9° 6.67	7.0	5.1	645	75 - 750 m	"	"	"	"	"	"
"	"	"	5:08	70° 19.27	9° 5.92	55.8	4.5	775	150 - 1125 m	3	K-P	0000	"	"	"
"	"	"	5:32	70° 18.66	9° 0.74	66.4	5.3	782	1000 - 1500 m sec	"	"	"	"	"	"
"	"	"	5:59	70° 17.84	8° 54.56	66.9	5.2	1149	1125 - 1500 m	2	K-P	0000	"	"	"
"	"	"	6:30	70° 16.70	8° 49.14	74.1	4.6	1332	600 - 1000 m sec	"	"	"	"	"	"
"	"	"	7:00	70° 15.98	8° 42.54	64.8	4.6	1357	"	"	"	"	"	"	"
"	"	"	7:30	70° 15.20	8° 36.02	108.2	4.7	1219	"	"	"	"	"	"	"
"	"	"	7:40	70° 15.27	8° 34.08	63.0	4.8	1102	150 - 1125 m	3	K-P	0000	"	"	Zeit man gesetzt (ca 2.5 min
"	"	"	7:48	70° 15.24	8° 32.20	100.2	4.7	1136	1000 - 1500 m sec	2	KP	0000	"	"	vorher gestellt)
"	"	"	8:00	70° 15.46	8° 29.47	102.2	4.8	1276	600 - 1000 m sec	"	"	"	"	"	7.46 weitere Werte nun gesondert
"	"	"	8:38	70° 17.15	8° 20.19	130.6	5.5	1112	"	"	"	"	"	"	"
"	"	"	8:46	70° 17.55	8° 18.10	137.4	5.3	996	750 - 1125 m	3	K-P	0000	"	"	"
"	"	"	9:20	70° 10.34	8° 19.24	336.9	4.8	872	1000 - 1500 m sec	"	"	"	"	"	"
"	"	"	10:03	70° 18.09	8° 21.17	244.2	-	956	"	"	"	"	"	"	"
"	"	"	10:29	70° 17.02	8° 13.88	62.6	9.8	1374	1125 - 1500 m	2	KP	"	"	"	"
"	"	"	10:55	70° 14.52	8° 05.53	48.1	9.7	1534	750 - 1125 m	5	KPK-P	"	"	"	"
"	"	"	10:11	70° 11.85	6° 00.36	33.5	9.7	1888	1500 - 2250 m	2	KP	"	"	"	"
"	"	"	11:29	70° 10.23	7° 55.93	27.6	10.2	1889	100 - 1000 m sec	5	KPK-P	"	"	"	"
"	"	"	11:45	70° 07.70	7° 55.87	337.6	10.4	1131	750 - 1125 m	2	KP	"	"	"	"
"	"	"	12:17	70° 03.18 S	7° 53.67 W	339.6	9.9	1029	1500 - 2250 m	3	K-P	0000	500	"	"
"	"	"	12:30	70° 01.65 S	7° 52.05 W	43.3	6.5	1171	750 - 1125 m	2	KP	0000	500	"	"
"	"	"	13:06	69° 59.02 S	7° 48.15 W	22.6	9.6	1581	1000 - 1500 m sec	5	KPK-P	0000	500	"	"
"	"	"	13:20	69° 56.99 S	7° 40.11 W	41.6	9.5	2206	1125 - 1500 m	2	KP	000	500	"	"
"	"	"	13:25	69° 56.50 S	7° 38.83 W	41.3	7.8	2411	1500 - 2250 m	5	KPK-P	000	700	"	"
"	"	"	13:37	69° 54.97 S	7° 36.05 W	058.3	10.0	2634	750 - 1125 m	2	KP	0000	"	"	"
"	"	"	14:04	69° 50.70 S	7° 32.70 W	53.6	9.9	2595	1125 - 1500 m	5	KPK-P	0000	"	"	"



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Rolle	Profil	Datum	Zeit	Latitude	Longitude	Kws	Speed	Depth	Tiefenboei	Sweep	Trigger	m/sec. Delay	m. sec/scan	Metrol/sec
"	8/362	27.12.	14:43	69°47'15" S	07°22'25" W	43.2	2.4	2154	1875-2250	2	KP	0000	500	1500
"	"	"	14:55	69°46'56" S	07°19'01" W	45.8	3.5	2303	2250-2627	5	KPKP-	0000	500	1500
"	"	"	15:29	69°42'50" S	07°09'21" W	40.1	9.8	2046	1875-2250	2	KP	0000	"	"
"	"	"	15:53	69°42'11" S	07°00'89" W	43.2	6.3	2482	2250-2627	5	KPKP-	0000	"	"
"	"	"	16:27	69°40'95" S	6°55'20" W	107.6	9.1	2625	2250-2627	5	KPKP-	0000	"	"
"	"	"	16:45	69°40'85" S	6°48'96" W	106.8	5.1	2449	2250-2627	5	KPKP-	0000	"	"
10a	"	"	17:08	69°41'02" S	6°45'56" W	94.3	4.3	2480	2250-2627	5	KPKP-	0000	"	"
10a	"	"	17:43	69°41'07" S	6°30'76" W	79.9	9.7	2655	1875-3000	2	KP	0000	"	"
10a	"	"	18:00	69°40'68" S	6°22'61" W	74.7	4.4	2969	"	"	"	"	"	"
"	8/363	"	18:05	69°40'37" S	6°22'24" W	74.7	9.4	2776	"	"	"	"	"	"
"	"	"	18:46	69°35'30" S	6°20'09" W	22.8	7.2	2946	"	"	"	"	"	"
"	"	"	19:30	69°30'45" S	6°18'14" W	355.7	8.3	2743	"	"	"	"	"	"
"	"	"	19:47	69°27'89" S	6°15'47" W	28.6	8.8	2606	2250-2627	5	KPKP-	0000	"	"
"	"	"	20:40	69°21'11" S	6°10'82" W	34.3	3.5	2541	"	"	"	"	"	"
"	"	"	21:15	69°17'06" S	6°05'55" W	40.0	6.8	2440	"	"	"	"	"	"
"	"	"	21:53	69°13'19" S	5°57'77" W	31.9	7.7	2308	1875-2250	2	KP	"	"	"
"	"	"	22:28	69°08'76" S	5°52'60" W	329.8	7.1	2262	2250-2627	5	KPKP-	"	"	"
"	"	"	23:10	69°02'45" S	5°55'00" W	2.6	9.3	2583	"	"	"	"	"	"
"	"	"	23:40	68°57'19" S	5°55'05" W	357.4	10.1	2616	"	"	"	"	"	"
"	"	"	23:57	68°55'74" S	5°54'57" W	0.0	9.2	2640	1875-3000	2	KP	"	"	"
"	"	"	23:58	68°55'04" S	5°54'43" W	1.4	7.3	2600	1875-2627	5	KPKP-	"	"	"
"	"	28.12.	00:32	68°49'53" S	5°52'48" W	12.1	10.3	2517	"	5	"	"	"	"
"	"	"	00:50	68°45'85" S	5°51'57" W	354.1	10.0	2420	"	"	"	"	"	"
"	"	"	01:35	68°40'91" S	5°49'81" W	7.2	8.7	2677	1875-3000	2	KP	"	"	"
"	"	"	01:37	68°40'48" S	5°49'59" W	73.1	7.1	2677	"	"	"	"	"	"
"	"	"	02:09	68°36'62" S	5°46'26" W	8.8	7.7	3070	1000-3375	3	K-P	"	"	"
"	"	"	02:37	68°32'45" S	5°42'42" W	339.	9.8	2467	1875-3375	2	KP	"	"	"

neue Rolle und neue Schreibbrillen

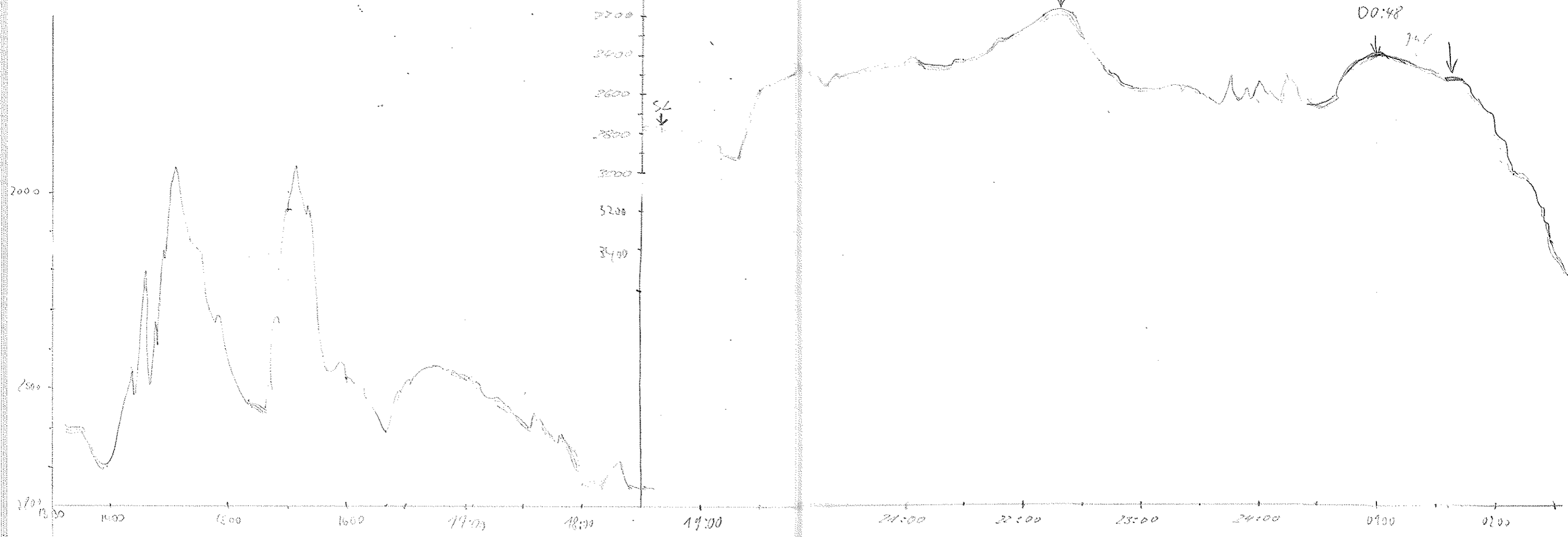
neues Profil 8/363 18:40 pot. Station

23:48 pot. Station

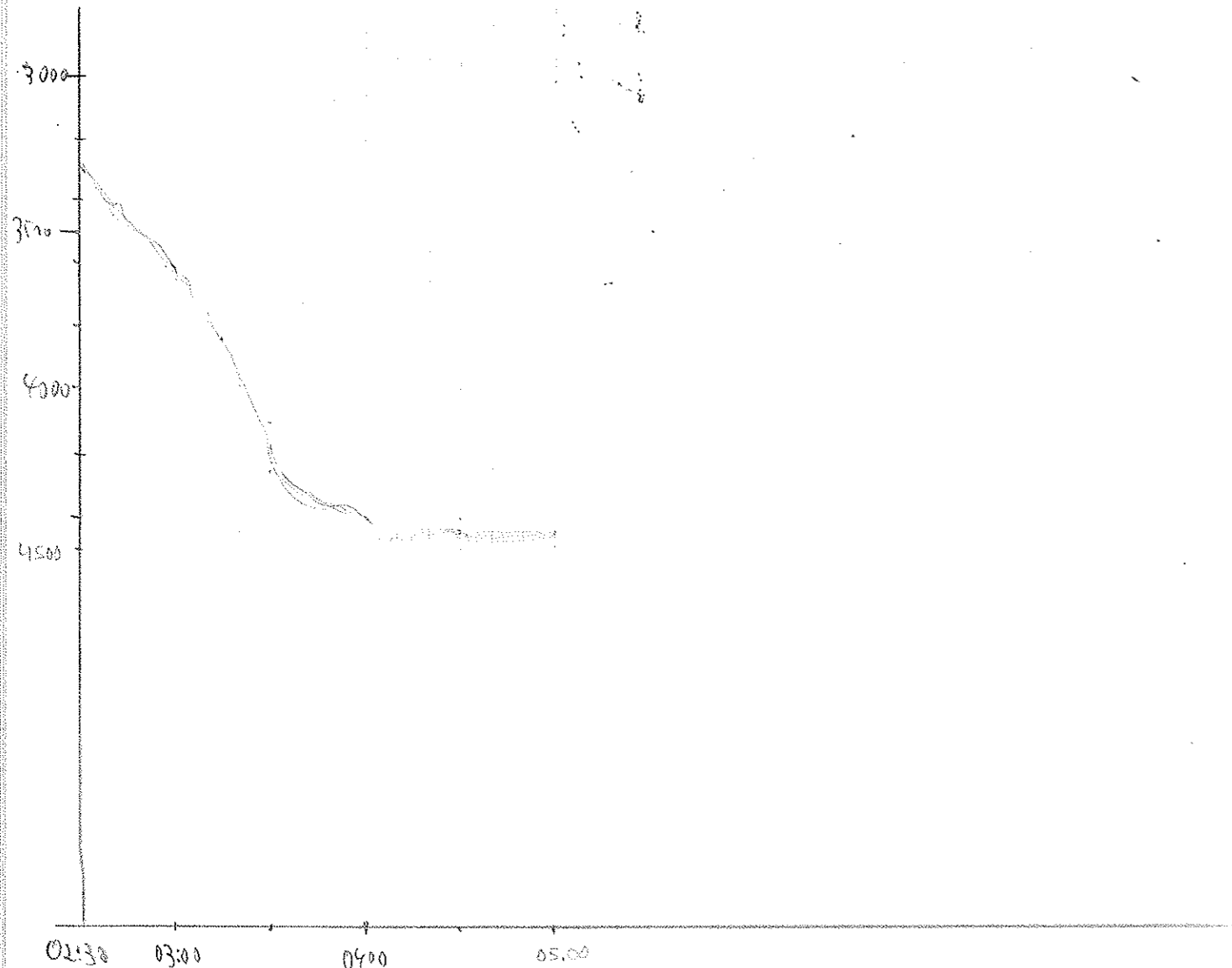
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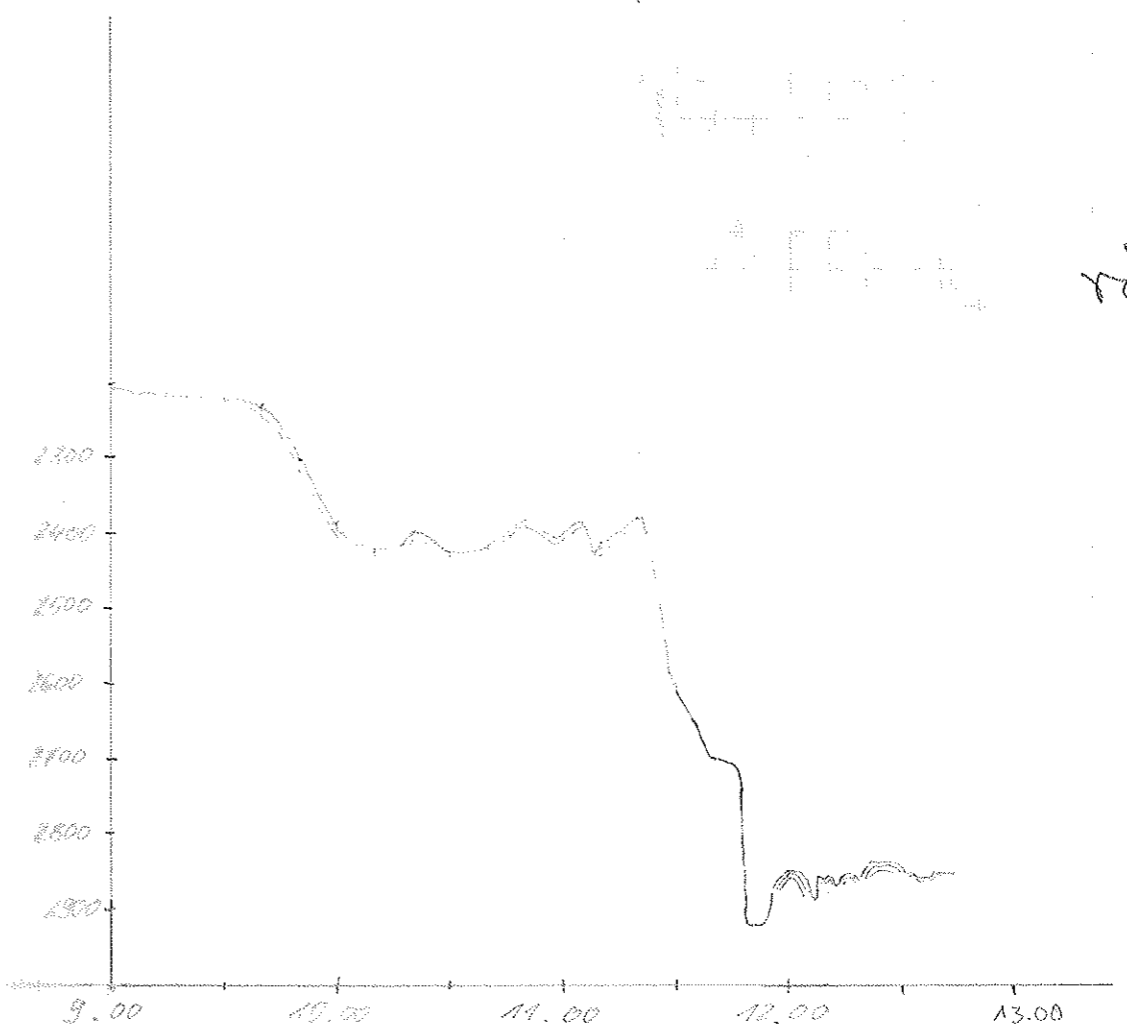
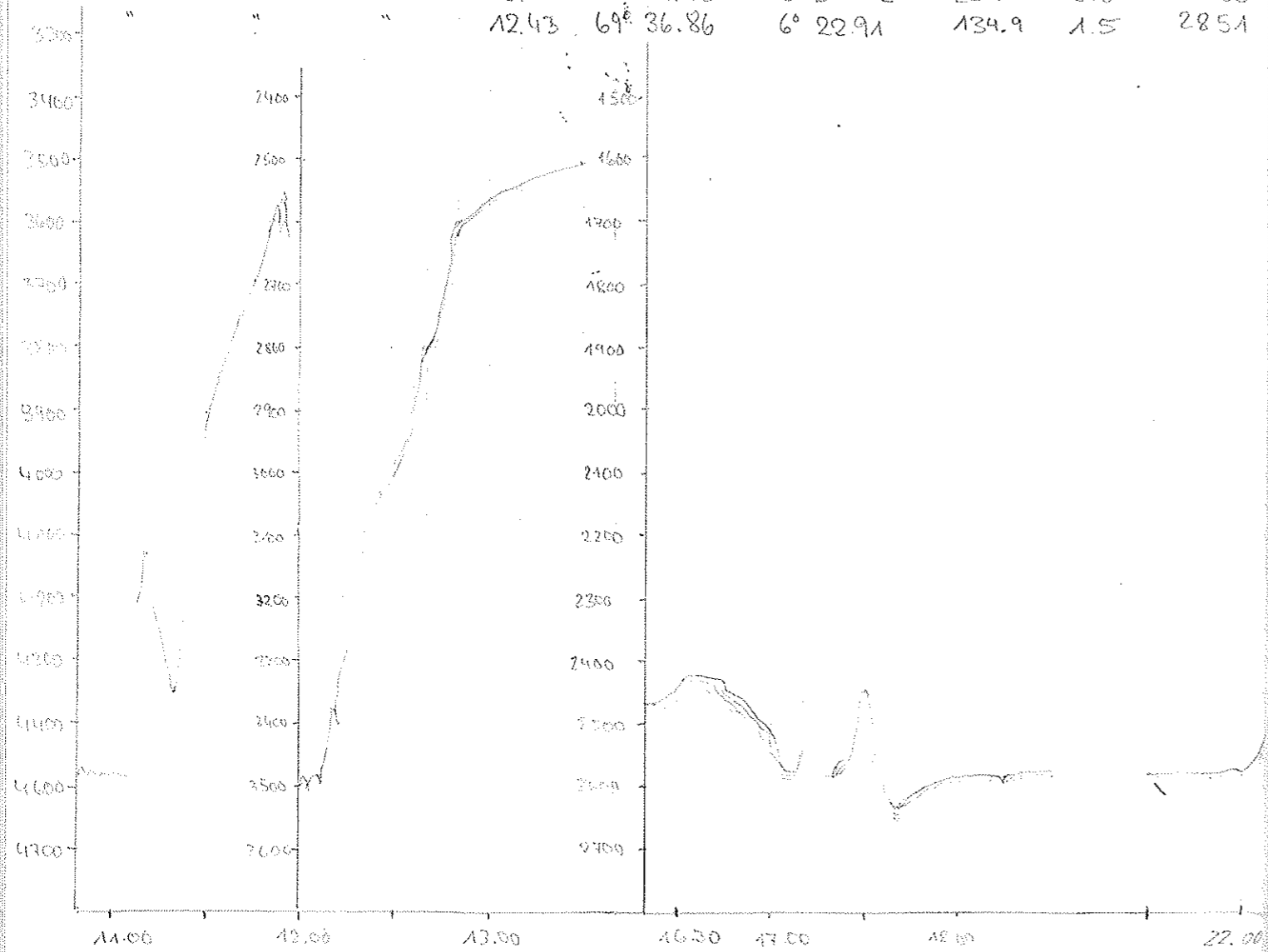
Stationenwechsel 00:48



Rolle	Profil	Datum	Hr.	Latitude	Longitude	Kur	Speed	Depth	Tiefenbereich	Sweep	Trigger	m/sec delay	m/sec scan	m/sec	Bemerkungen
10a	8/363	28.12.85	2:57	68° 30.60 W	5° 46.00	329.4	7.7	3801	3750 - 4125	3	KP---	0	500	1500	Keile Ablang
"	"	"	3:27	68° 27.37	5° 43.36	40.4	8.6	4151	4125 - 4500	2	KP	0	"	"	"
"	"	"	4:00	68° 22.18	5° 38.03	17.1	8.9	4500	"	2	KP	0	"	"	gute Beprob. Stelle
"	"	"	4:15	68° 20.48	5° 37.36	17.8	5.0	4450	"	"	"	"	"	"	"
"	"	"	4:30	68° 20.20	5° 37.44	6.6	2.9	4440	"	"	"	"	"	"	"
"	"	"	5:02	68° 18.97	5° 35.76	325.9	1.3	4450	"	"	"	"	"	"	Station 8/364 errichtet
"	"	"	5:15	68° 18.95	5° 37.59	202.6	0.8	445	"	"	"	"	"	"	Stand BY

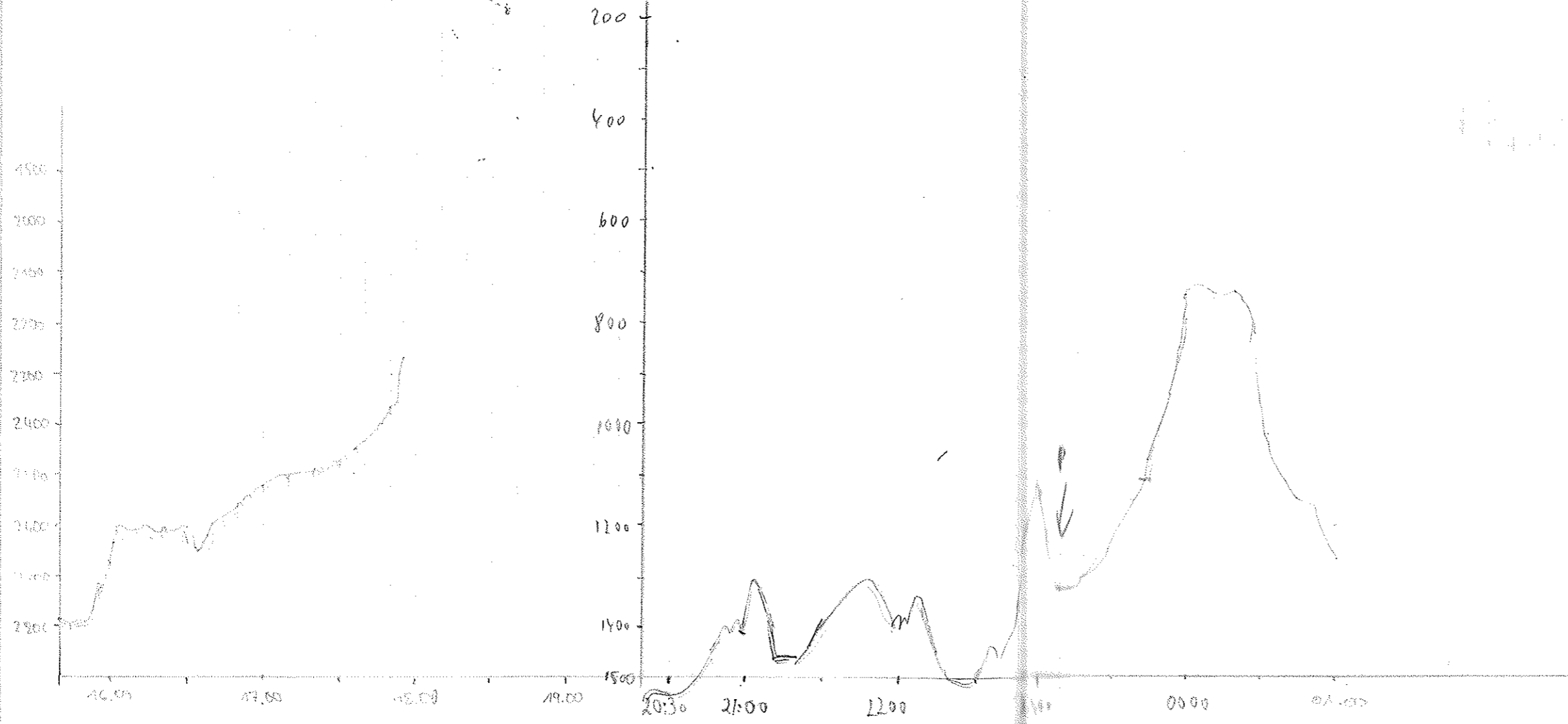


Roll	Profil	Datum	Zeit	Latitude	Longitude	kurs	Speed	Depth	Tiefenbereich	Sweep	Trigger	msec Delay	m sec scan	m/sec	Note 157
106	Rücklauf 8/363	28.12.85	10.51	68° 27.22	5° 40.22	190.9	9.8	~11480	4125 - 4500	2	KP	0000	500	1500	Start Rücklauf
"	"	"	11.26	68° 28.14	5° 42.26	183.5	10.6	4019	3750 - 4125	3	KP-	"	"	"	"
"	"	"	11.43	68° 31.02	5° 42.02	169.2	8.2	~3700	3375 - 3750	2	KP	0000	"	"	Eis!
"	"	"	12.00	68° 32.71	5° 41.18	176.1	6.5	~3500	"	"	"	"	"	"	"
"	"	"	12.12	68° 34.58	5° 41.17	191.8	11.0	3324	3000 - 3375	3	K-P	0000	"	"	"
"	"	"	12.31	68° 37.99	5° 45.59	200.2	10.4	2970	2625 - 3000	2	KP	"	"	"	"
"	"	"	12.38	68° 41.29	5° 48.59	201.2	10.7	2610	2250 - 2625	5	KPKP	"	"	"	"
"	"	"	13.30	68° 43.4x	5° 51.54	-	0	2493	✓	"	"	"	"	"	Stop / Ende 1. Rücklaufteil
"	"	"	16.22	68° 44.22	5° 52.59	185.7	0.3	2466	"	"	"	"	"	"	Start
"	"	"	17.00	68° 49.30	5° 53.60	180.4	9.0	2512	"	"	"	"	"	"	Eis!
"	"	"	17.35	68° 54.58	5° 54.36	191.1	7.8	2574	"	"	"	"	"	"	"
"	"	"	17.40	68° 55.22	5° 54.74	196.1	9.7	2634	2625 - 3000	2	KP	"	"	"	"
"	"	"	17.46	68° 56.06	5° 55.50	182.5	9.3	2600	2250 - 2625	5	KPKP	"	"	"	"
"	"	"	18.34	69° 01.31	5° 52.75	27.5	3.0	2569	"	"	"	"	"	"	"
"	"	"	21.30	69° 02.30	6° 55.33	220.8	3.2	2585	"	"	"	"	"	"	Anfahrt Station 8/367
"	"	"	22.13	69° 05.06	6° 56.09	170.5	4.3	2505	"	"	"	"	"	"	"
"	"	"	22.19	69° 06.46	6° 55.87	-	-	-	"	"	"	"	"	"	Stop
"	"	29.12.85	9.36	69° 11.00	5° 57.00	-	8.7	2262	"	"	"	"	"	"	Start, Anfahrt 8/368
"	"	"	10.28	69° 18.79	6° 07.21	205.5	11.0	2428	"	"	"	"	"	"	"
"	"	"	10.50	69° 22.19	6° 06.14	185.3	11.0	2387	"	"	"	"	"	"	"
"	"	"	11.20	69° 27.60	6° 11.34	206.4	11.2	2420	"	"	"	"	"	"	"
"	"	"	11.32	69° 29.55	6° 14.07	206.5	11.0	2638	2625 - 3000	2	KP	"	"	"	"
"	"	"	11.55	69° 32.62	6° 15.30	206.7	10.6	2903	"	"	"	"	"	"	"
"	"	"	12.00	69° 33.41	6° 17.06	263.5	10.0	2856	"	"	"	"	"	"	"
"	"	"	12.30	69° 36.23	6° 20.92	225	6.8	2860	"	"	"	"	"	"	"
"	"	"	12.43	69° 36.86	6° 22.91	134.9	1.5	2851	"	"	"	"	"	"	Start Station 8/368



rück!

Roller	Profil Datum	Zeit	Latitude	Longitude	Kurs	Speed	Depth	Tiefenbereich	Sweep	Trigger	m sec Delay	m sec Scan	m/sec	Note
10 b	Rücklauf 8/363	29.12.85	15.40 69° 37.53	6° 27.61	191.4	12	2792	2625 - 3000	2	KP	0000	500	1500	Ende Station 8/368
"	"	"	16.03 69° 40.41	6° 31.84	189.9	10.1	2642	2250 - 2625	5	KPKP-	0000	"	"	
"	"	"	16.36 69° 45.85	6° 26.94	181.2	10.0	2652	"	"	"	"	"	"	Kurs 2 KP 0000
"	"	"	17.01 69° 49.78	6° 29.64	221.8	10.3	2522	"	"	"	"	"	"	
"	"	"	17.37 69° 55.43	6° 34.44	170.7	10.0	2449	"	"	"	"	"	"	
"	"	"	17.56 69° 57.88	6° 31.58	108.2	8.6	2266	1875 - 2250	2	KP	"	"	"	
"	"	"	18.20 70° 01.49	6° 31.73	172.3	6.2	2140	"	"	"	"	"	"	
"	"	"	18.35 70° 03.70	6° 32.19	169.	10.5	1776	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	18.57 70° 5.80	6° 29.10	155.0	4.0	1822	"	"	"	"	"	"	
10 b	8/370	"	20:30 70 06.24	6° 31.82			1573	1500 - 1875	5	KPK-P	"	"	"	Profil Beginn
			20:46 70 06.66	6° 32.25	180.0	5.3	1467	1125 - 1500	2	KP	"	"	"	
			21:15 70 09.47	6° 29.93	141.0	4.5	1485	"	"	"	"	"	"	
			22:00 70 12.15	6° 32.27	184.0	5.9	1400	"	"	"	"	"	"	
			22:09 70 12.84	6° 33.24	249.3	5.6	1562	1500 - 1875	5	KPK-P	"	"	"	
			22:30 70 13.75	6° 36.70	195.3	5.6	1510	1125 - 1500	2	KP	"	"	"	
			22:38 70 14.56	6° 36.76	199.7	5.6	1516	1500 - 1875	5	KPK-P	"	"	"	
			22:40 70 14.75	37.75	203.0	5.6	1418	1125 - 1500	2	KP	"	"	"	
			22:57 70 16.13	39.72	200.3	6.0	1128	750 - 1125	3	K-P	"	"	"	Kurs umgeschaltet
			23:02 70 16.51	40.41	200.9	6.1	1191	1125 - 1500	2	KP	"	"	"	
			23:36 70 18.26	40.83	205.8	3.0	1138	750 - 1128	3	K-P	"	"	"	
			27:45 70 18.70	40.92	180.0	4.0	960	"	"	"	"	"	"	Profilwechsel
			28:00 70 19.23					75 - 75	2	KP	"	"	"	
	30.12.85		00:24 70 18.82	6° 46.73	356.5	4.8	818	150 - 1125	3	K-P	"	"	"	
			00:42 70 17.79	6° 45.59	288	2.0	1134	1125 - 1500	2	KP	"	"	"	
			01:00 70 17.63	6° 44.37	358.6	3.7	1259	"	"	"	"	"	"	



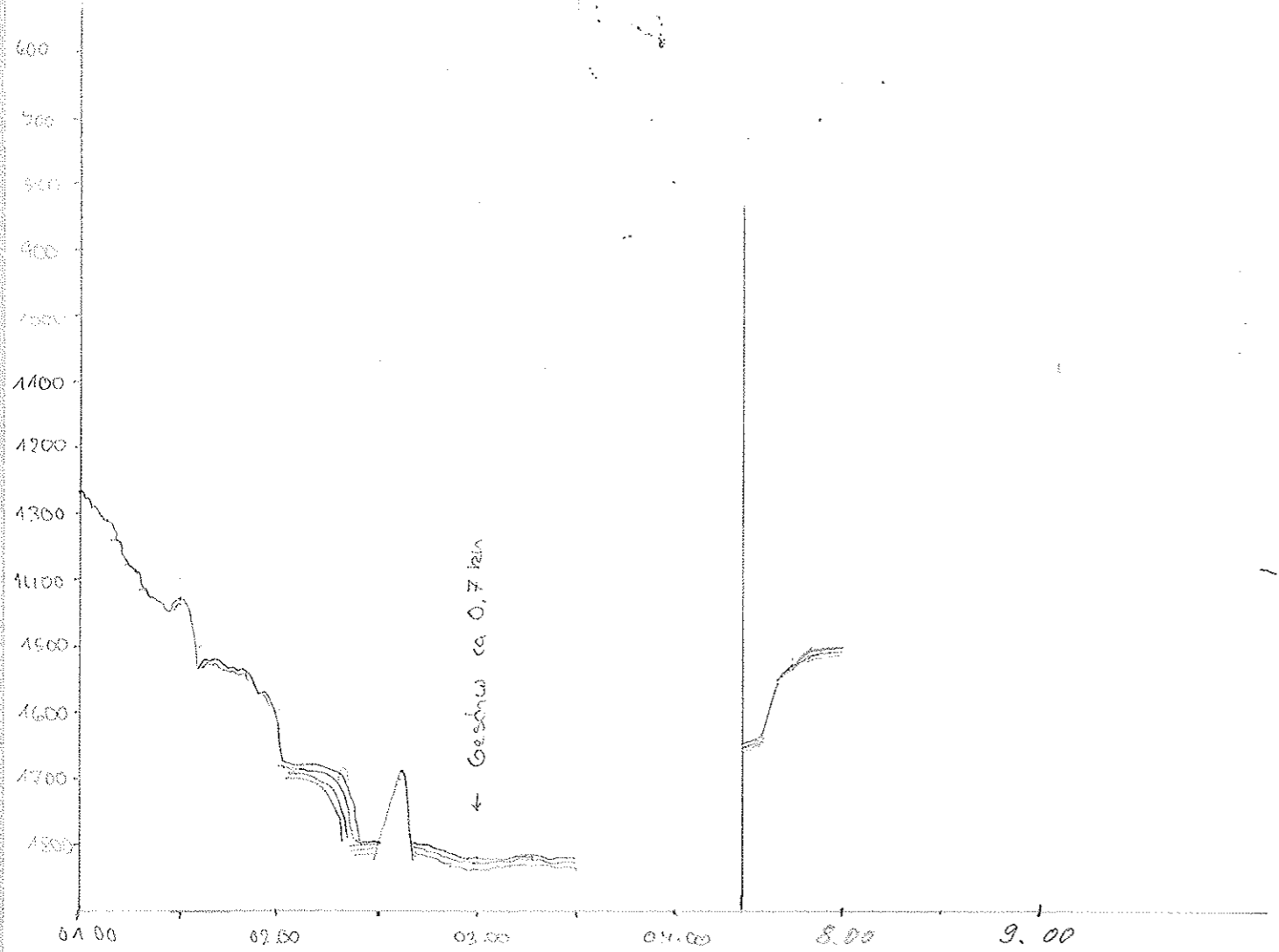
Profilwechsel

Kurs umgeschaltet

Profil Beginn

Handwritten notes and scribbles at the bottom right of the page.

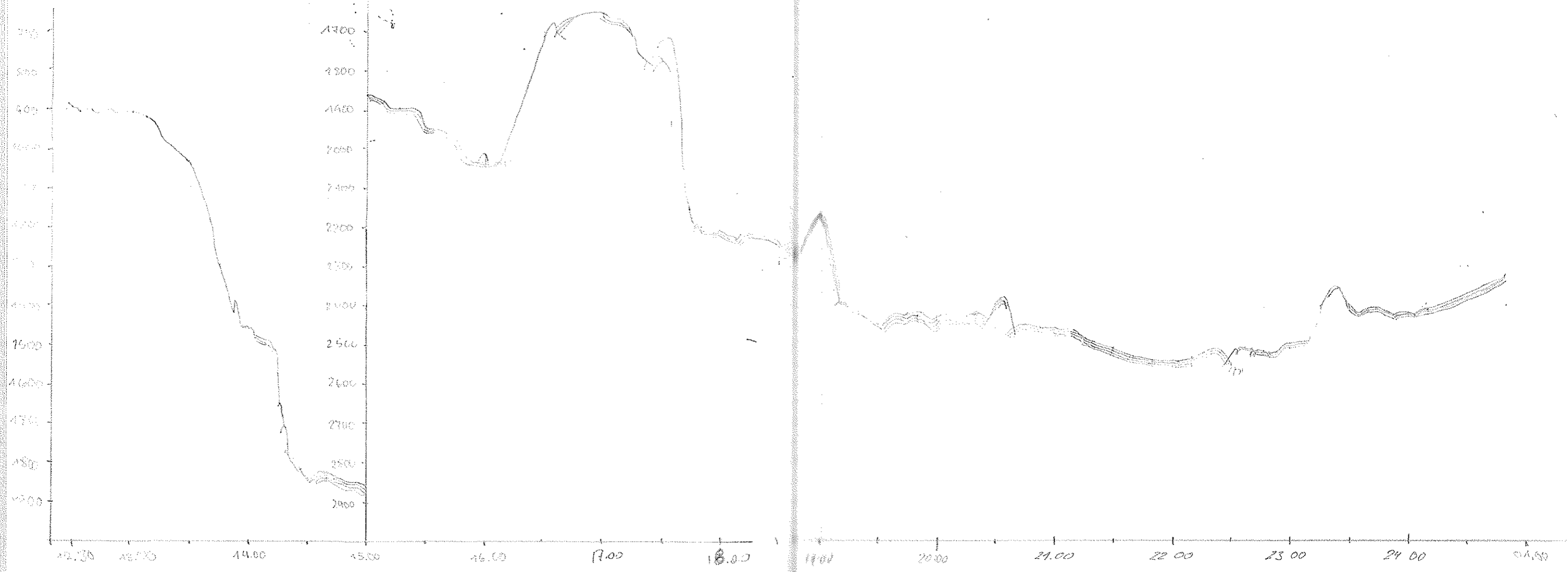
Roller	Profil	Datum	Zeit	Latitude	Longitude	Kurs	speed	Depth	Tiefenbereich	Sweep	Trigger	m sec delay	m sec scan	m/sec	Note
				S	W										
106	8/370	30.12.85	1.30	70° 15.30	6° 45.47	328.1	5.8	1432	1425 - 1500	2	KP	0000	500	1500	
"	"	"	1.34	70° 14.81	6° 46.45	227	4.7	1546	1500 - 1875	5	KPK-P	0000	"	"	
"	"	"	2.01	70° 13.12	6° 44.61	45.9	2.1	1686	"	"	"	"	"	"	
"	"	"	2.38	70° 12.16	6° 40.94	15.4	4.7	1700	"	"	"	"	"	"	
"	"	"	2.54	70° 10.16	6° 42.08	41.4	1.5	1819	"	"	"	"	"	"	
"	"	"	3.02	70° 10.15	6° 42.13	236.2	0.7	1819	"	"	"	"	"	"	
"	"	"	3.30	70° 10.08	6° 43.26	335.5	1.8	1829	"	"	"	"	"	"	
"	"	"	3.56	70° 10.25	6° 45.53	184.9	2.8	1826	"	"	"	"	"	"	Ende Profil 8/370
"	"	"	4.30	70° 11.16	6° 43.85	138.6	1.5	1812	"	"	"	"	"	"	Anlaufen Station 8/371
"	"	"	5.02	70° 11.68	6° 42.63	216.6	0.2	1794	"	"	"	"	"	"	
"	"	"	6.03	70° 11.74	6° 46.48	52.2	7.4	1757	"	"	"	"	"	"	
"	"	"	6.33	70° 11.73	6° 42.69	-	-	1804	"	"	"	"	"	"	Station 8/371
"	"	"	7.36	70° 12.69	6° 48.39	202.6	5.5	1626	"	"	"	"	"	"	Anlaufen Station 8/372
"	"	"	7.48	70° 13.54	6° 46.90	159.5	2.7	1575	1425 - 1500	2	KP	"	"	"	Station 8/372



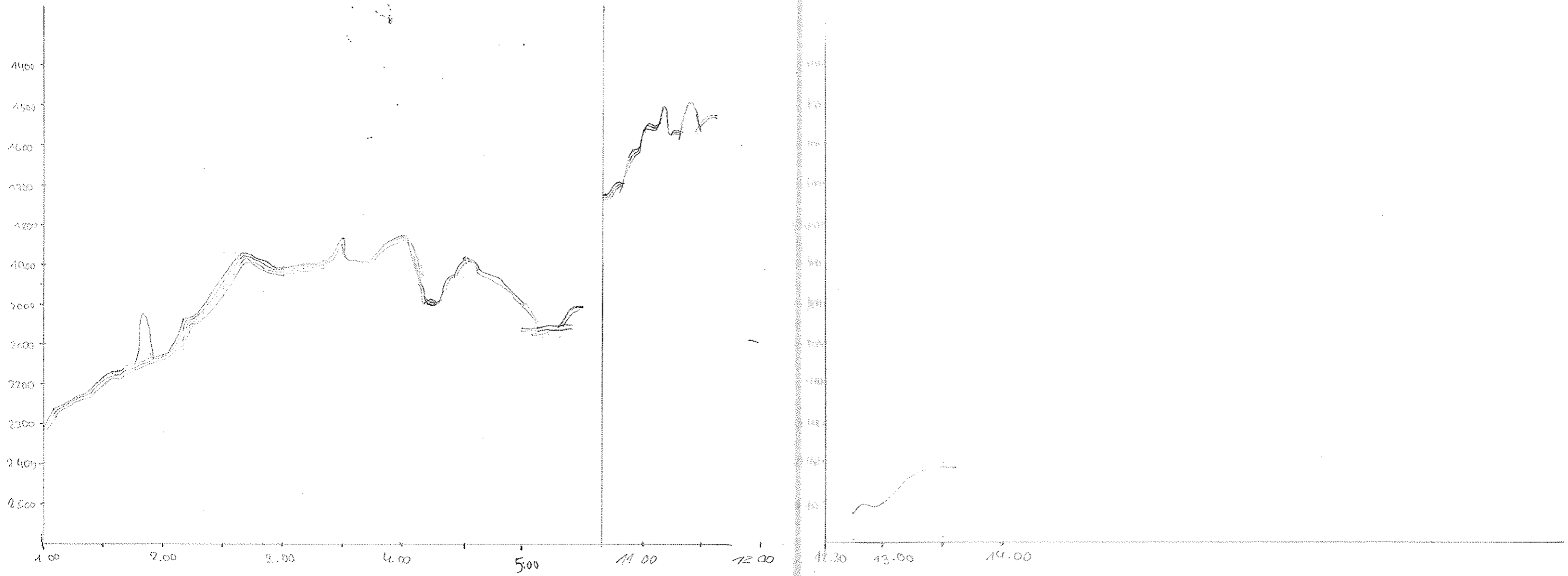


Rolle	Profil	Datum	Zeit	Latitude	Longitude	Kurs	Speed	Depth	Tiefenbereich	Sweep	Trigger	msec delay	msec ocean	m/sec
106	8/373	30.12.85	12.27	70° 18.15	6° 55.87	161.6	3.7	889	750 - 1125	2	K-P	0000	500	1500
"	"	"	13.02	70° 18.09	6° 54.16	146.7	1.6	896	"	"	"	"	"	"
"	"	"	13.30	70° 18.06	6° 48.97	144.9	4.1	1043	"	"	"	"	"	"
"	"	"	13.48	70° 17.45	6° 45.52	8.5	8.7	1296	1125 - 1500	2	UP	"	"	"
"	"	"	14.07	70° 14.47	6° 43.83	359.9	9.7	1485	"	"	"	"	"	"
"	"	"	14.10	70° 14.04	6° 43.58	3.7	9.8	1514	1500 - 1875	5	KPK-P	"	"	"
"	"	"	15.04	70° 07.61	6° 43.72	12.8	4.6	1862	"	"	"	"	"	"
"	"	"	15.08	70° 07.21	6° 43.86	10.9	4.6	1831	1875 - 2250	2	UP	"	"	"
"	"	"	15.30	70° 06.03	6° 40.77	54.8	4.2	1912	"	"	"	"	"	"
"	"	"	15.44	05.71	38.56	72.5	3.5	2070	"	"	"	"	"	"
"	"	"	16.23	70° 04.80'S	6° 35.43' W	105.1	2.8	1845	1500 - 1875	5	KPK-P	"	"	"
"	"	"	17.00	70° 04.15'S	6° 32.88' W	13.5	2.4	1675	"	"	"	"	"	"
"	"	"	17.30	70° 03.29'S	6° 30.13' W	32.8	3.7	1738	"	"	"	"	"	"
"	"	"	17.39	70° 02.73'S	6° 28.21' W	28.3	4.3	1890	1875 - 2250	2	UP	"	"	"
"	"	"	18.09	70° 00.71	6° 27.07	2.1	4.8	2223	"	"	"	"	"	"
11	8/373	"	18.26	69° 58.57	6° 28.16 W	345.9	2.1	2375	2050 - 2625	5	KPKP-	"	"	"
"	"	"	19.05	69° 58.65	6° 31.45 W	328.3	3.8	2369	"	"	"	"	"	"
"	"	"	19.34	69° 54.71	6° 34.49 W	312.9	5.7	2462	2250 - 2625	5	KPKP-	"	"	"
"	"	"	20.35	69° 48.70	6° 36.47 W	358.7	5.1	2389	"	"	"	"	"	"
"	"	"	21.00	69° 47.74	6° 37.83	9.3	4.4	2468	"	"	"	"	"	"
"	"	"	21.30	69° 45.55	6° 37.11	3.9	4.0	2518	"	"	"	"	"	"
"	"	"	22.08	69° 43.24	6° 35.78	10.6	4.4	2541	"	"	"	"	"	"
"	"	"	22.30	69° 41.16	6° 37.80	290.8	6.3	2554	"	"	"	"	"	"
"	"	"	22.56	69° 41.34	6° 43.65	193.9	5.2	2508	"	"	"	"	"	"
"	"	"	23.30	69° 44.27	6° 45.66	190.7	5.4	2440	"	"	"	"	"	"
"	"	31.12.85	00:08	69° 47.57	6° 46.12	192.0	5.1	2377	"	"	"	"	"	"

Print Polarity +  
 Rolle + Schreibzylinder  
 gewechselt  
 Print Polarity +-  
 Wegpunkt 2, Kurswechsel  
 erneut Kurswechsel

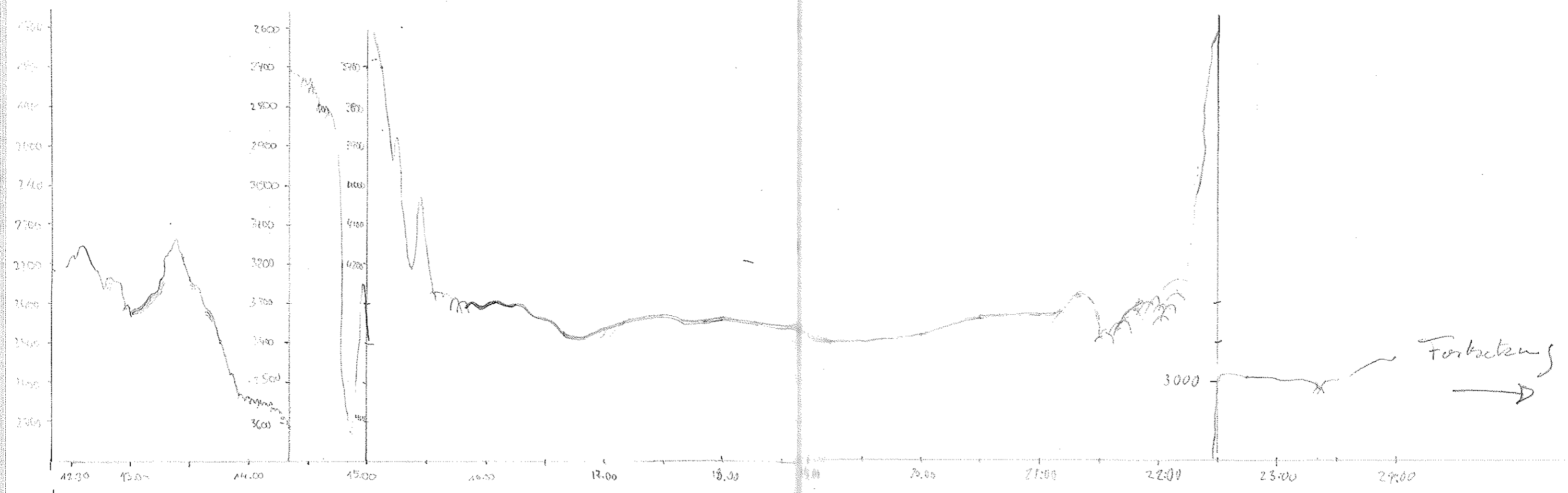


Rolle	Profil	Datum	Zeit	Latitude	Longitude	Kurs	Speed	Depth	Tiefenbereich	Sweep	Trigger	msec delay	msec scan	m/sec	Note
11	8/373	31.12.85	01.00	69° 52.30	6° 48.59	184.0	5.7	230	2250 - 2625	5	KPK-P	0000	500	1500	
"	"	"	01.12	69° 53.46	6° 48.98	172.3	5.0	225	1975 - 2250	2	KP	"	"	"	
"	"	"	01.35	69° 55.61	6° 49.39	191.8	6.2	216	"	"	"	"	"	"	
"	"	"	02.00	69° 57.97	6° 50.44	202.8	6.1	212	"	"	"	"	"	"	
"	"	"	02.36	70° 01.06	6° 52.80	173.3	5.5	189	"	"	"	"	"	"	
"	"	"	03.00	70° 02.29	6° 49.47	158.6	5.0	190	"	"	"	"	"	"	
"	"	"	3:30	70° 04.47	6° 47.10	224.2	4.9	185	1500 - 1875	5	KPK-P	"	"	"	sehr flach gute Reflektoren GPS Position 70° 04,92 6° 47,83 Schwenke nach Ost, 35m v. Pkt
"	"	"	3:45	70° 04.84	6° 47.83	178.3	3.4	180	"	"	"	"	"	"	
"	"	"	4:05	70° 05.27	6° 45.79	138.6	4.5	199	1875 - 2250	2	KP	"	"	"	
"	"	"	4:30	70° 05.92	6° 41.75	143.9	4.1	187	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	4:35	70° 06.29	6° 42.97	132.7	3.5	190	1875 - 2250	2	KP	"	"	"	
"	"	"	5:04	70° 05.90	6° 38.42	30.4	3.8	204	"	"	"	"	"	"	
"	"	"	5:28	70° 05.18	6° 37.60	310.4	3.7	201	"	"	"	"	"	"	
11	"	"	10:39	70° 06.29	6° 53.75	256.9	-	172	1500 - 1875	5	KPK-P	"	"	"	Station erreicht
"	"	"	11:20	70° 11.54	6° 56.53	190.2	8.8	153	"	"	"	"	"	"	Rechten Station 8/375
"	"	"	11:32	70° 13.07	6° 57.79	169.2	1.6	150	"	"	"	"	"	"	Station 8/375
"	"	"	12:44	70° 15.28	7° 00.12	168.5	5.8	132	1425 - 1500	2	KP	"	"	"	Anlaufen Station 8/
"	"	"	13:03	70° 15.38	7° 00.87	245.1	0.8	130	"	"	"	"	"	"	"
"	"	"	13:36	70° 15.57	7° 01.59	276.0	1.0	120	"	"	"	"	"	"	wegen schlechter Eislage auf Stand by



Rolle	Profil	Datum	Zeit	Latitude	Longitude	Kurs	Speed	Depth	Tiefenbereich	Sweep	Triggas	msec Delay	msec scan.	m/sec	Note
11	08/376	5.1.86	12.21	70° 01.51	11° 22.44	236.8	7.8	2306	2250 - 2625	5	KPKP-	0000	500	1500	Start Profil
"	"	"	13.00	70° 04.19	11° 38.80	230.5	9.2	2428	"	"	"	"	"	"	
"	"	"	13.20	70° 05.86	11° 43.70	229.1	5.9	2259	1875 - 2250	2	KP	"	"	"	
"	"	"	13.27	70° 06.60	11° 45.80	235.0	10.4	2283	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	13.54	70° 08.50	11° 34.38	233.	10.0	2645	2625 - 3000	2	KP	"	"	"	
"	"	"	14.00	70° 08.73	11° 56.78	314.	8.4	2645	"	"	"	"	"	"	Kurswechsel
"	"	"	14.30	70° 07.15	12°			2750							
"	"	"	14.46	70° 06.23	12° 17.56	295.5	8.3	3206	3000 - 3375	3	K-P	"	"	"	
"	"	"	14.50	70° 05.88	12° 19.93	273.6	10.4	3583	3375 - 3750	2	KP	"	"	"	
"	"	"	14.59	70° 05.54	12° 23.76	290.2	10.7	3381	3000 - 3375	3	K-P	"	"	"	15.01 2 KP. 3375-3750
"	"	"	15.14	70° 04.62	12° 29.89	271.6	9.0	3886	3750 - 4125	3	KP-	"	"	"	
"	"	"	15.19	70° 04.44	12° 32.08	311.3	10.4	3913	4125 - 4500	2	KP	"	"	"	näb. Seabram Depth = 4209
"	"	"	15.24	70° 03.88	12° 34.51	310.6	10.0	3936	3750 - 4125	3	KP-	"	"	"	" = 4080
"	"	"	15.33	70° 03.52	12° 38.97	269.5	10.8	383	4125 - 4500	2	KP	"	"	"	" = 4262
"	"	"	16.00	70° 02.24 S	12° 50.42 W	268.6	7.4	4286	"	"	"	"	"	"	
"	"	"	16.40	70° 03.53 S	12° 57.39 W	253.0	4.9	4366	"	"	"	"	"	"	
"	"	"	17.06	70° 04.41 S	13° 03.22 W	293.3	4.7	4376	"	"	"	"	"	"	
"	"	"	17.40	70° 05.64 S	13° 10.12 W	288.0	6.5	4338	"	"	"	"	"	"	
"	"	"	18.20	70° 05.58	13° 18.49	296.2	4.7	4341	"	"	"	"	"	"	
"	"	"	19.00	70° 05.18 S	13° 35.24 W	268.3	6.3	4405	"	"	"	"	"	"	
"	"	"	20:10	70° 09.65 S	13° 39.62 W	196.0	5.4	4380	"	"	"	"	"	"	
"	"	"	21:10	70° 15.07 S	13° 37.33 W	182.4	5.3	4321	"	"	"	"	"	"	
"	"	"	22:10	70° 20.43 S	13° 49.23 W	198.5	5.5	4221	"	"	"	"	"	"	
"	"	"	22:18	70° 21.21 S	13° 42.07 W	197.8	5.4	3966	3750 - 4125	3	KP-	"	"	"	zu still
"	"	"	22:25	70° 21.77 S	13° 42.65 W	199.5	5.4	3481	3375 - 3750	2	KP	"	"	"	
"	"	"	22:34	70° 22.53 S	13° 43.44 W	206.9	5.3	2989	2625 - 3000	2	KP	"	"	"	
"	"	"	23:25	70° 25.95 S	13° 52.63 W	206.7	5.4	3022	3000 - 3375	3	K-1°	"	"	"	hang parallel
"	"	"	23:35	70° 26.74 S	13° 54.11 W	216.8	5.4	2996	2625 - 3000	2	KP	"	"	"	

Fortsetzung nächste Seite



Rolle Profil Jahr Zeit Lat Long Kurs Speed Tiefe Bereich Sweep Striff

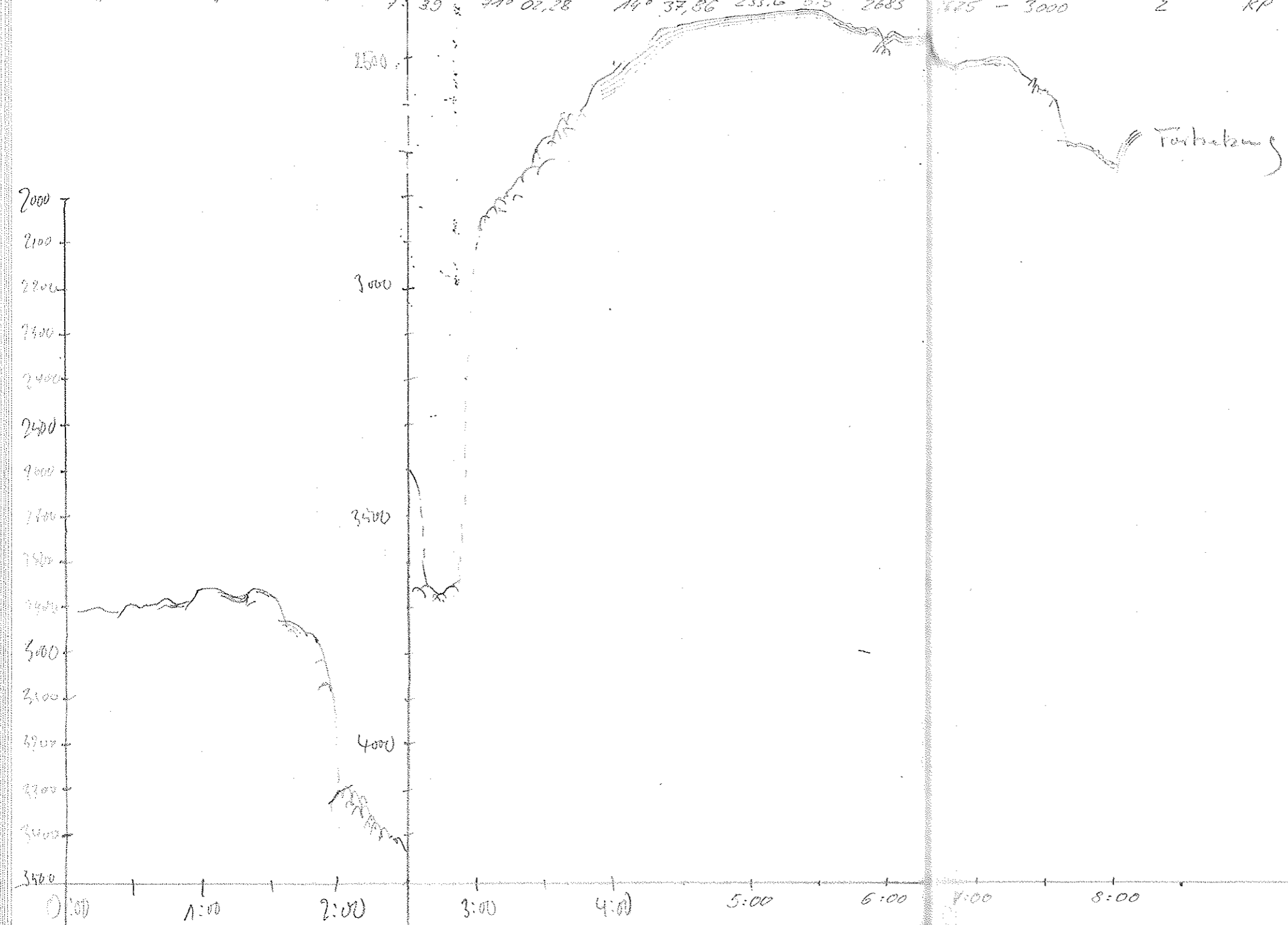
Rolle	Profil	Jahr	Zeit	Lat	Long	Kurs	Speed	Tiefe
11	8/376	G. 1. 86	0:00	Fahrtlinie				
			1:30	70° 36.58	14° 6.85	188°	5,6	2902
			1:54	70° 38.75	14° 28.57	197.6	5,6	3035
			2:21	70° 41.2	14° 9.49	193.9	5,5	3389
			2:58	70° 43.33	14° 15.3	230.2	5,3	3012
			3:41	70° 46.09	14° 23.09	218.3	5,4	2670
"	"	"	4:11	70° 47.82	14° 27.19	259.5	4,5	2454
"	"	"	4:47	70° 49.61	14° 34.62	220.0	5,4	2406
"	"	"	5:14	70° 51.64	14° 38.59	192.7	5,5	2388
"	"	"	5:40	70° 54.19	14° 38.78	167.5	5,5	2428
"	"	"	6:12	70° 56.85	14° 35.73	150.6	5,4	2450
"	"	"	6:40	70° 59.26	13° 33.75	168.4	5,2	2408
"	"	"	7:10	71° 01.09	14° 34.64	228.0	3,5	2490
"	"	"	7:39	71° 02.28	14° 37.86	233.6	5,5	2683

Bereich	Sweep	Striff
2625 - 3000	2	KP
3000 - 3375	3	K-IP
3375 - 3750	2	KP
2625 - 3000	2	KP
2625 - 2625	5	KPKP
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
2625 - 3000	2	KP

gegen

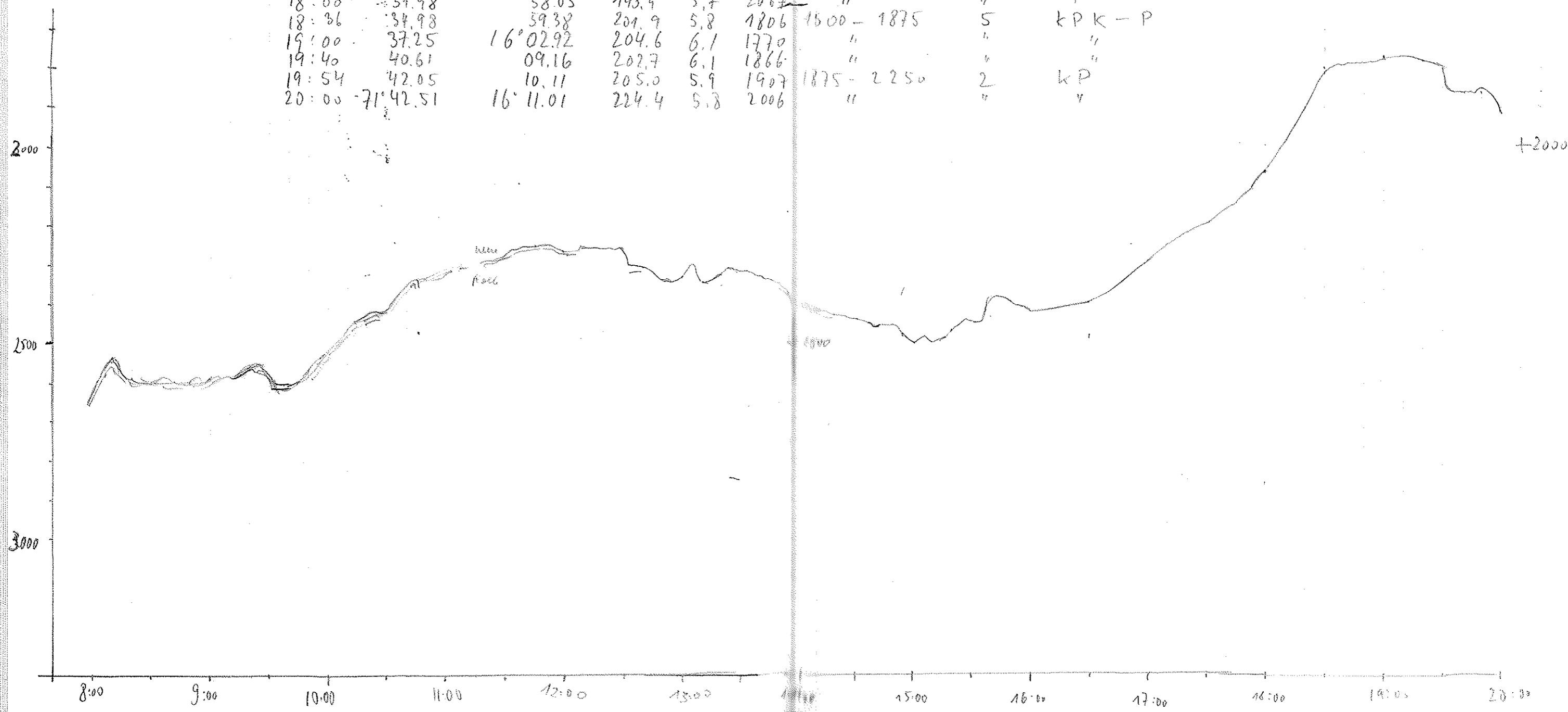
Kursänderung auf 230°  
starke Baropodologie

Fahrtlinie nächste Seite



Rolle	Profil	Datum	Zeit	Latitude	Longitude	Runs	Speed	Depth	Waterbereich	Sweeps	Trigger
11	81376 Fahrtsetzung	6.1.86	8:15	71° 04' 51"	14° 46' 49"	236.5	5.3	2630	1250 - 2625	5	KPKP -
			8:23	71° 04' 72"	14° 47' 47"	238	5.4	2650	1250 - 3000	2	KP
			8:45	71° 05' 85"	14° 52' 43"	229	5.2	2732	"	"	"
			9:12	71° 07' 64"	14° 57' 00"	217	5.2	2650	2250 - 2625	5	KPKP -
			9:33	71° 08' 99"	15° 00' 57"	216.0	5.2	2637	2625 - 3000	2	KP
			9:38	09' 32"	01' 44"	217.8	5.2	2586	1250 - 2625	5	KPKP -
			10:30	71° 12' 27"	15° 13' 48"	236.4	5.2	2385	"	"	"
			11:10	14' 26"	19' 75"	225.0	5.2	2316	"	"	"
			11:18	71° 14' 93"	15° 21' 84"	226.8	5.4	2317	"	"	"
			11:51	17' 04"	26' 68"	218.2	5.2	2261	1875 - 2250	2	KP
11:58	17' 49"	27' 40"	224.0	5.2	2288	2250 - 2625	5	KPKP -			
12:12	18' 45"	30' 59"	215.8	5.1	2304	2250 - 2625	5	KPKP -			
13:00	22' 14"	36' 65"	210.6	5.2	2347	"	"	"			
13:45	23' 02"	45' 47"	303.8	5.2	2357	"	"	"			
14:30	20' 12"	51' 16"	328.8	5.1	2440	"	"	"			
16:00	23' 10"	16° 04' 50"	200.8	6.0	2440	1750 - 2625	5	"			
16:30	24' 68"	15° 58' 76"	116.5	5.7	2397	"	"	"			
17:13	27' 84"	52' 05"	162.8	6.0	2251	1875 - 2250	2	KP			
17:50	30' 25"	57' 02"	104.8	6.7	2163	"	"	"			
18:00	31' 98"	58' 03"	190.9	5.7	2067	"	"	"			
18:36	34' 98"	59' 38"	201.9	5.8	1806	1800 - 1875	5	KPKP -			
19:00	37' 25"	16° 02' 92"	204.6	6.1	1770	"	"	"			
19:40	40' 61"	09' 16"	202.7	6.1	1866	"	"	"			
19:54	42' 05"	10' 11"	205.0	5.9	1907	1875 - 2250	2	KP			
20:00	71° 42' 51"	16° 11' 01"	224.4	5.8	2006	"	"	"			

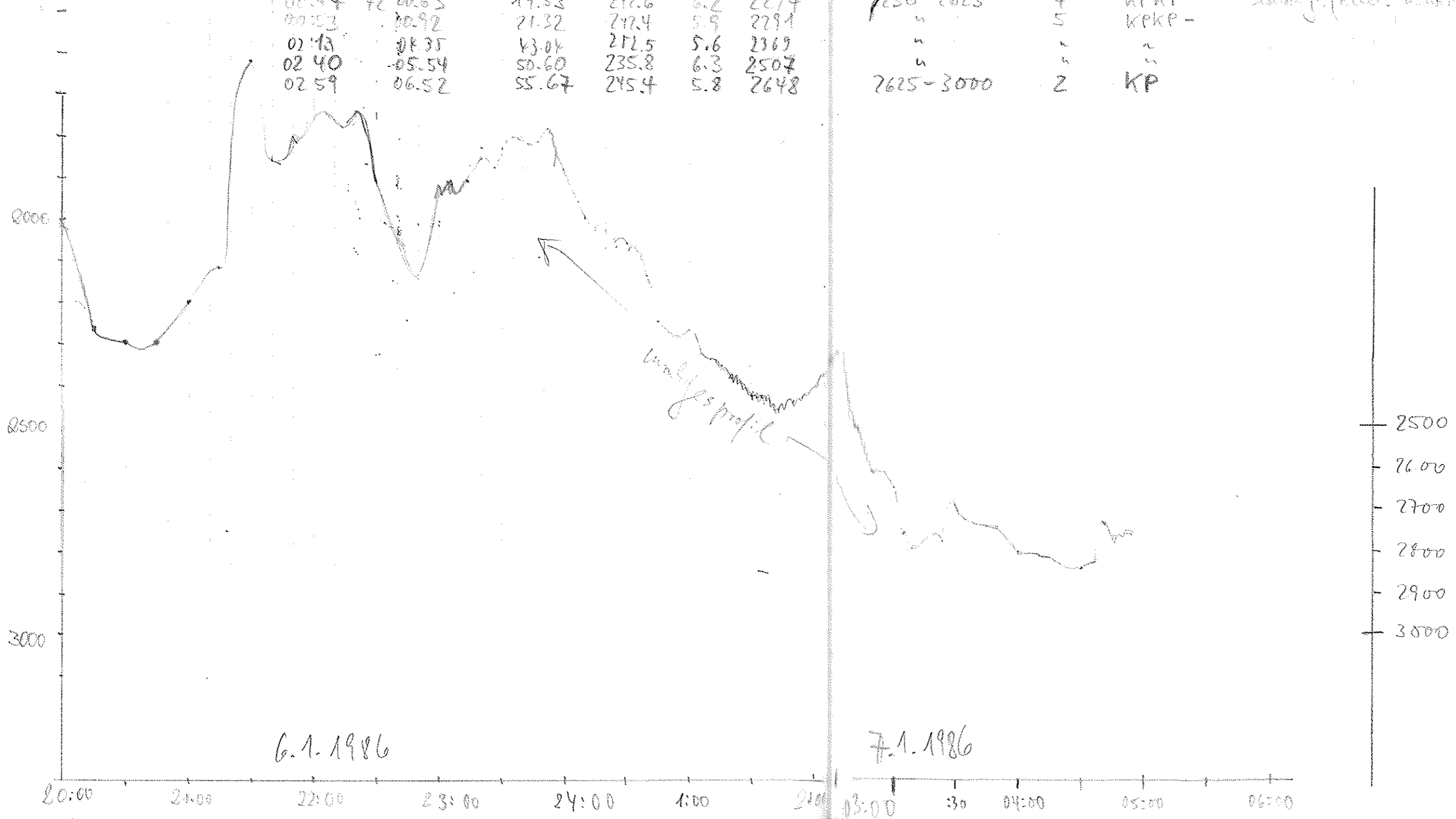
Neue Rolle 72



Rolla	Profil	Datum	Zit	Latitude	Longitude	Kurs	Speed	Depth	Tukun bersi	Sweep	Trigger	Bener/ger
12	8/376	6.1.86	20.19	71° 43.75'	16° 14.93'	218.5	5.8	2278	2250-2625	5	KPKP	
			20.30	71° 44.38	" 17.31	216.6	6.0	2296	" "	"	"	
			20.57	71° 46.16	16° 23.91	220.6	6.3	2223	1875-2250	2	KP	
			21.24	71° 47.94	" 30.76		6.0	1795	1500-1875	5	KPK-P	
			21.38	" 48.50	" 33.62	235.0	5.7	1880	1875-2250	2	KP	
			21.50	71° 49.14	" 36.54	236.5	5.9	1813	1500-1875	5	KPK-P	
			22:24	" 51.10	" 46.35	230.5	5.9	1896	1875-2250	2	KP	
			23:00	" 53.40	" 54.31	225.4	5.9	1962	" "	2	"	
			23:26	" 55.63	" 58.86	207.5	5.6	1891	1500-1875	5	KPK-P	
			24:04	" 58.28	17° 06.59	230.4	6.2	1907	1875-2250	2	KP	
			00:47	72° 00.63	19.53	242.6	6.2	2294	2250-2625	4	KPKP	
			00:53	" 00.92	21.32	242.4	5.9	2291	" "	5	KPKP-	
			01:13	" 08.35	43.04	242.5	5.6	2369	" "	"	"	
			02:40	" 05.54	50.60	235.8	6.3	2507	" "	"	"	
			02:59	" 06.52	55.67	245.4	5.8	2648	2625-3000	2	KP	

(6.1./7.1.)

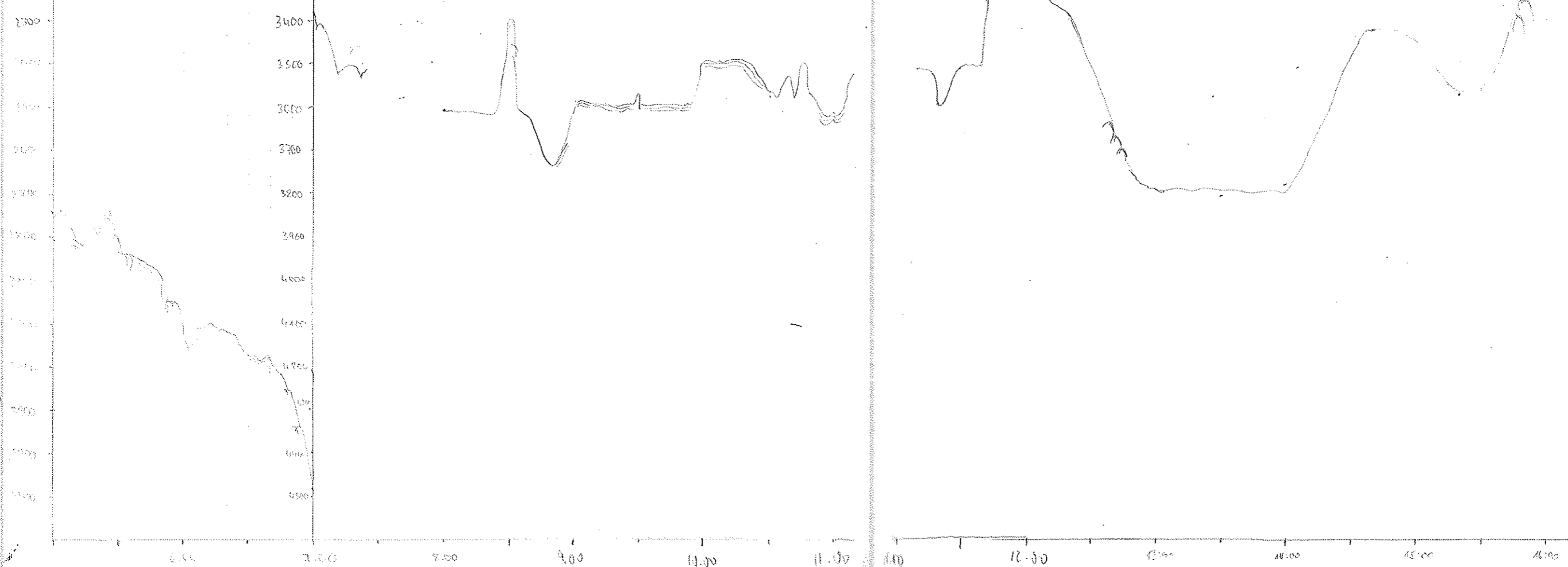
Bedung j. fall 1-2 Sweep



6.1.1986

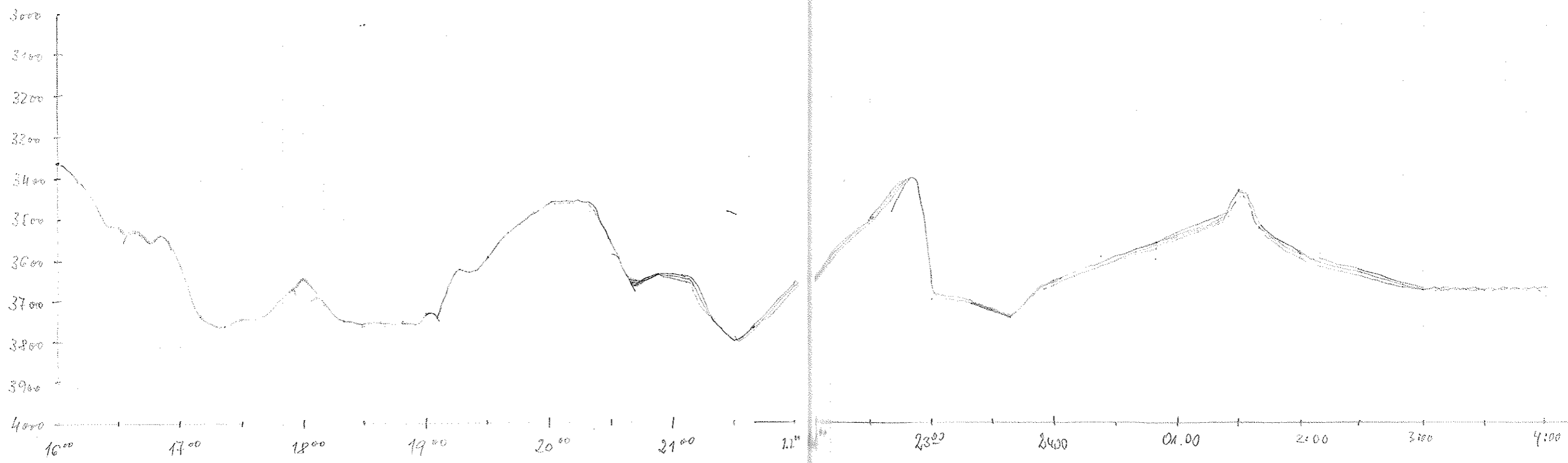
7.1.1986

Rolle	Profil	Datum	Zeit (UT)	Lat S	Long W	Tiefe (m)	Vins (°)	Speed (knots)	Tiefenbeid (m)	Sweep	Trigger	Bemerkungen
12	8/376	7.1.1986	03:16	72° 07.25'	18° 00.72'	2773	241.9	5.8	2625-3000	2	KP	
			03:36	08.09	06.52	2724	242.1	5.8	"	"	"	
			04:00	09.13	13.94	2802	246.5	6.0	"	"	"	
			04:30	10.04	23.44	2837	259.1	6.1	"	"	"	
			05:04	11.52	34.04	2748	253.2	6.2	"	"	"	
			05:32	11.90	42.25	2849	269.7	6.0	"	"	"	
			06:02	12.44	54.58	3058	241.5	5.9	2000-3375	3	K-P	
			06:36	14.04	00.71	3092	237.7	6.0	"	"	"	
			07:00	15.26	19° 07.20	3386	239.2	5.9	3375-3750	2	K-P	
			08:00	17.67	24.10	3629	240.6	5.8	"	"	"	
			08:23	18.55	31.42	3374	236.3	6.0	3000 " 3375	3	K-P	
			08:26	18.72	32.53	3404	233.9	6.1	3375-3750	2	K-P	
			09:00	19.25	42.94	3583	243.6	6.3	"	"	"	
			09:33	21.45	52.42	3551	213.7	5.9	"	"	"	
			10:00	23.47	58.25	3493	221.5	6.1	"	"	"	
			11:33	26.00	20° 07.72	3673	245.9	5.9	"	"	"	
			11:02	26.24	15.78	3680	248.0	6.1	"	"	"	
			11:30	27.36	23.73	3513	244.6	6.0	"	"	"	
			11:44	28.04	24.10	3294	241.4	5.8	3000-3375	3	K-P	
			12:00	29.13	32.68	3330	229.9	6.1	3000-3375	3	K-P	
			12:21	30.45	39.80	3420	229.0	6.2	3375-3750	2	K-P	
			12:48	32.01	44.65	3715	242.0	6.0	3375-3750	2	K-P	
			13:04	32.62	49.25	3804	242.4	5.8	3450-4125	3	K-P	
			13:32	33.84	58.23	3614	255.1	5.9	"	"	"	
			14:03	34.59	21° 07.97	3780	239.9	5.9	3375-3750	2	K-P	
			14:42	36.15	19.27	3426	247.9	5.8	3375-3750	2	K-P	
			14:46	36.33	20.69	3337	243.1	5.8	3000-3375	3	K-P	
			14:50	36.64	21.16	3405	243.3	5.8	3375-3750	2	K-P	
			15:11	38.43	23.74	3576	243.7	5.9	"	"	"	



Rolle	Profil	Datum	Zeit (hr)	Lat S	Lang W	Tiefe	Kurs	Speed	Tiefenbereich	Swamp	Trigger	Bemerkungen
12	8/376	7.1.1926	16.00	72° 39' 00"	29° 41' 80"	3364	257.1	5.8	3375 - 3750	2	KP	
			16.27	40.41	50.30	3571	230.4	6.1	" "	"	"	
			16.54	41.34	57.98	3574	273.6	5.9	" "	"	"	
			17.12	41.28	22° 06' 17"	3764	273.0	5.8	" "	"	"	
			17.22	41.27	07.99	3767	270.6	5.8	3750 - 4125	3	KP	
			17.29	41.27	09.53	3747	264.1	5.4	3375 - 3750	2	KP	
			17.54	42.59	12.41	3669	245.2	5.8	" "	"	"	
			18.12	43.63	25.11	3749	245.1	5.7	" "	"	"	
			18.45	44.23	33.24	3753	244.9	5.7	" "	"	"	
			19.09	45.85	40.49	3667	244.7	5.6	" "	"	"	
			19.27	46.64	45.62	3667	244.9	5.6	" "	"	"	
			19.54	47.88	53.13	3491	245.4	5.7	" "	"	"	
"	"	"	20.30	72° 49' 45" S	23° 03' 53" W	3571	242.1	6.0	" "	"	"	
"	"	"	20.00	72° 50' 76" S	23° 11' 84" W	3627	245.3	5.9	" "	"	"	
"	"	"	21.25	72° 51' 80" S	23° 19' 02" W	3782	244.7	5.6	3750 - 4125	3	KP	
"	"	"	21.38	72° 52' 40" S	23° 22' 78" W	3766	245.6	5.9	3375 - 3750	2	KP	
"	"	"	22.00	72° 53' 28" S	23° 29' 10" W	3658	244.6	5.8	" "	"	"	
"	"	"	22.30	72° 54' 43" S	23° 38' 43" W	3523	244.3	5.7	" "	"	"	
"	"	"	23.00	72° 55' 63" S	23° 47' 40" W	3664	245.4	5.8	" "	"	"	
"	"	"	23.30	72° 56' 45" S	23° 56' 10" W	3753	247.5	5.7	" "	"	"	
"	"	8.1.1926	0:00	72° 57' 34" S	24° 05' 19" W	3656	247.3	5.7	" "	"	"	
"	"	"	1:00	72° 59' 69" S	24° 23' 02" W	3553	245.7	5.7	" "	"	"	
"	"	"	2:00	73° 01' 49" S	24° 42' 48" W	3587	245.6	5.7	" "	"	"	
13	8/376	"	2:33	73° 03' 42" S	24° 50' 26" W	3635	245.5	5.6	" "	"	"	
"	"	"	3:00	73° 04' 55" S	24° 58' 51" W	3682	246.6	5.6	" "	"	"	
"	"	"	4:00	73° 07' 20" S	25° 17' 70" W	3655	244.7	5.8	" "	"	"	

Rolle + Schreibzylinder gewechselt

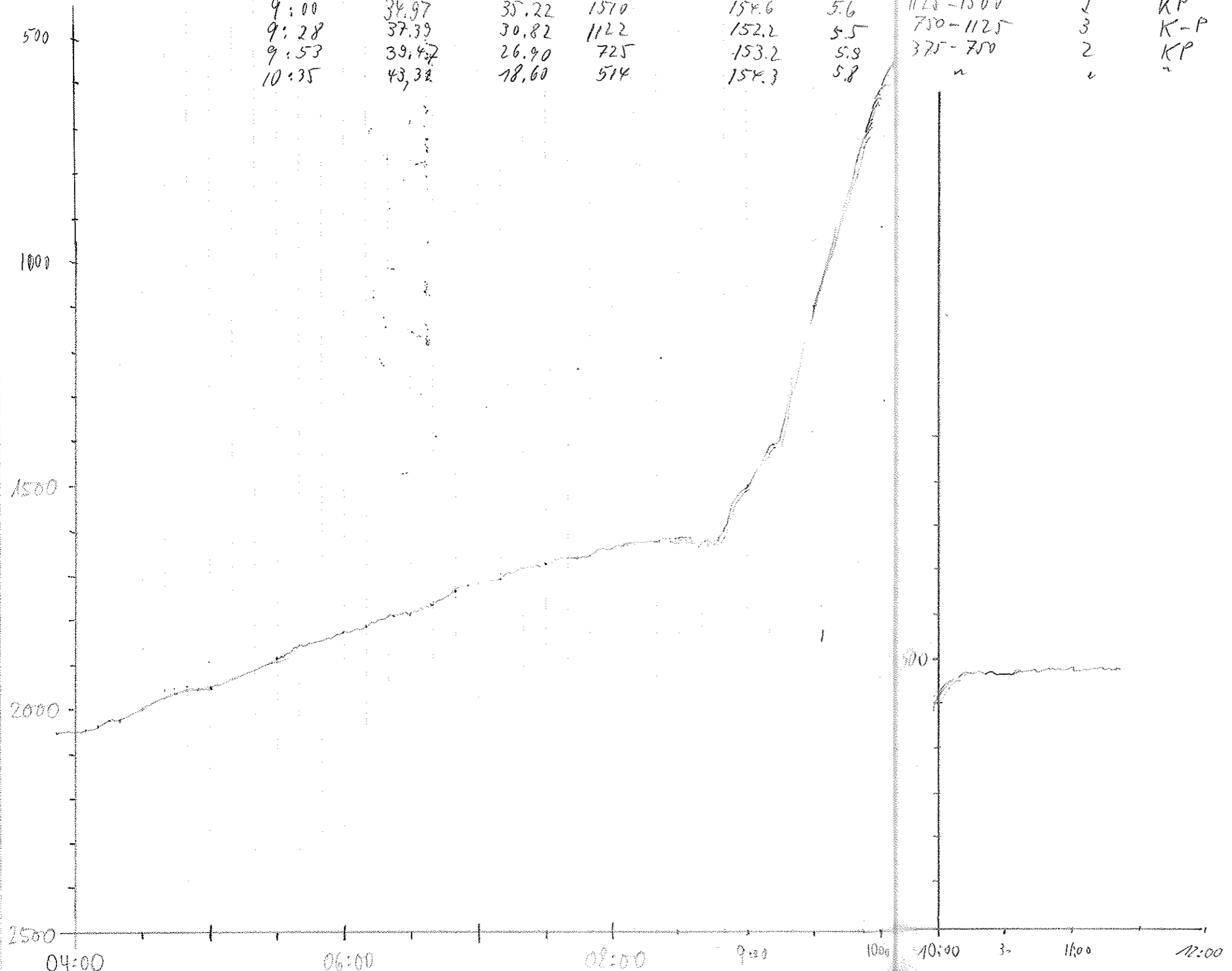




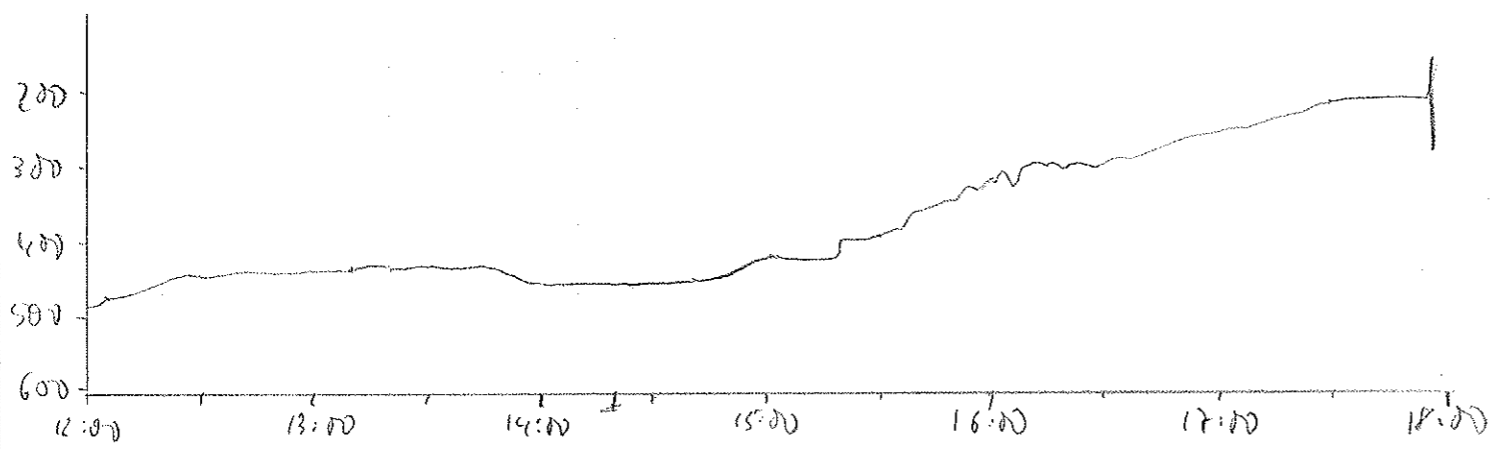




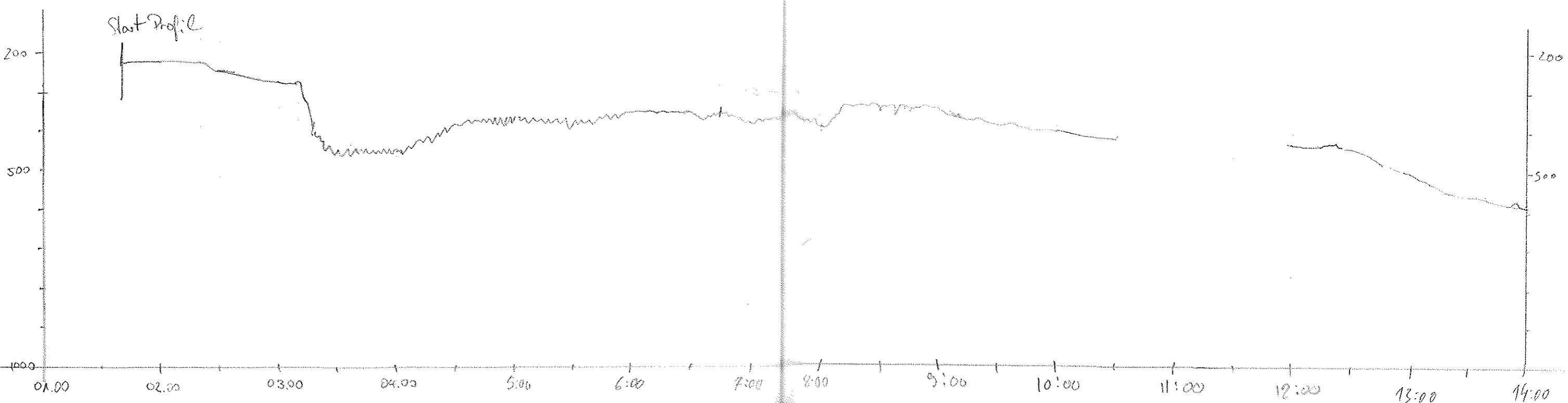
Rolle	Profil	Datum	Uhrzeit	Lat S	Long W	Tiefe	Kurs	Speed	Tiefenbrunn	Sweep	Trippl	Bemerkungen
13	8/377	9.1.86	04:30	74° 11.75'	29° 14.43'	2002m	152.2°	5.5	1875-2250	2	KP	Marke bei 2000m Tiefe gesetzt
			04:50	13.36	11.53	1965	152.7	5.4	"	4	"	
			05:30	16.65	06.02	1888	152.9	5.5	1520-1890*	5	KPKxP	*modif. Tiefenbrunn (Soll: 1500-1895m)
			05:50	18.27	02.98	1851	153.1	5.4	"	"	"	
			06:10	20.16	00.60	1814	154.6	5.4	"	"	"	
			06:30	21.87	28 57.55	1782	154.9	5.5	"	"	"	
			06:50	23.53	55.25	1739	155.6	5.8	"	"	"	
			07:10	25.16	52.48	1705	156.3	5.7	"	"	"	
			07:30	26.85	49.75	1675	156.8	5.7	"	"	"	
			07:45	28.36	46.39	1663	157.8	5.8	"	"	"	
			08:15	31.07	41.72	1624	157.4	5.9	"	"	"	
			08:50	34.21	36.57	1592	157.6	5.7	"	"	"	
			9:00	34.97	35.22	1570	157.6	5.6	1125-1500	2	KP	
			9:28	37.39	30.82	1122	152.2	5.5	730-1125	3	K-P	
			9:53	39.47	26.90	725	153.2	5.9	375-750	2	KP	
			10:35	43.32	18.60	514	157.3	5.8	"	"	"	



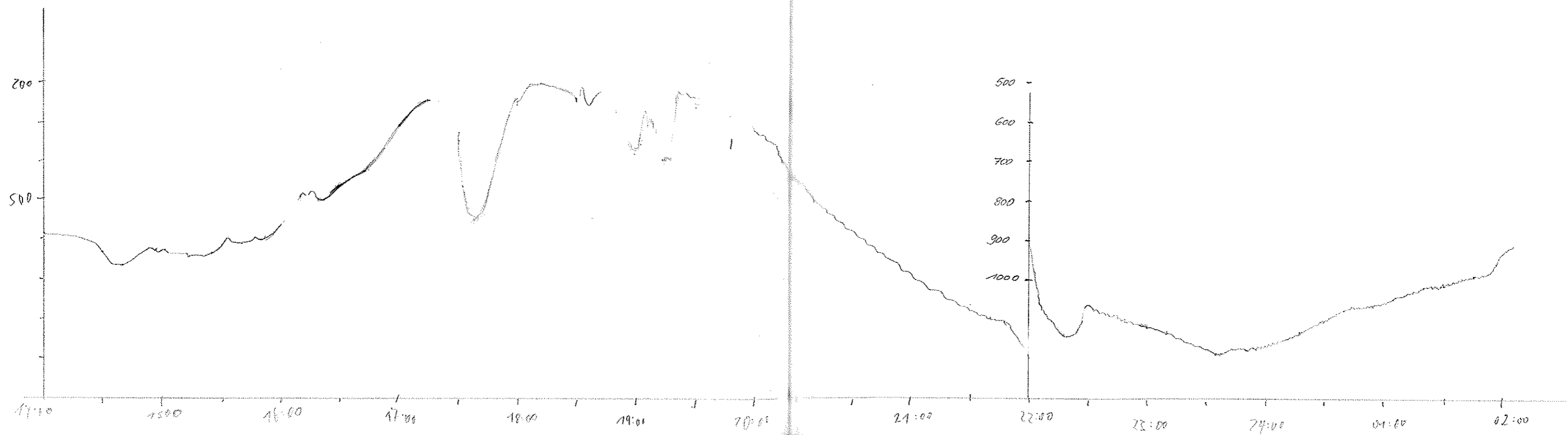
Rolle	Profil	Datum	Uhrzeit	Lat. Ende	Long. Ende	Tiefe	Kurs	Speed	Tiefenbereich	Sweep	Trigger	Bemerkungen
13	8/377	9.1.86	11:20	74° 47.93	28° 11.57	514	154.3	5.8	375-750	2	KP	
"	"	"	12:05	49.93	02.83	482	157.1	5.4	"	"	"	
"	"	"	13:00	54.44	27° 55.51	447	156.8	5.3	"	"	"	
"	"	"	13:38	56.14	51.09	446	108.7	1.8	"	"	"	
"	"	"	14:02	56.27	48.21	454	92.8	2.1	"	"	"	
"	"	"	14:38	59.45	41.41	455	156.9	10.1	"	"	"	
"	"	"	15:04	75° 03.51	34.64	432	156.8	10.1	"	"	"	
"	"	"	15:30	07.56	27.84	397	156.4	10.1	"	"	"	
"	"	"	15:44	10.53	22.84	365	157.0	10.3	"	"	"	
"	"	"	15:54	12.13	23.49	342	156.8	10.4	"	"	"	ausgeschaltet, da unter Bereich nicht erlaubt
"	"	"	15:40 - 16:20	75° 16.22	27° 15.98	294	154.7	10.2	250 Meter Scan			unter Multibeam aufgezogen
"	"	"	16:20 - 17:13	75° 26.27	27° 05.18	250	164.1	11.1	200 Meter Scan			Pulslänge 0,5 m3
"	"	"	17:30 - 17:44	75° 30.00	26° 59.03	223	165.6		Profil Ende im Sulet vor Halley Bay			Speed wird verringert



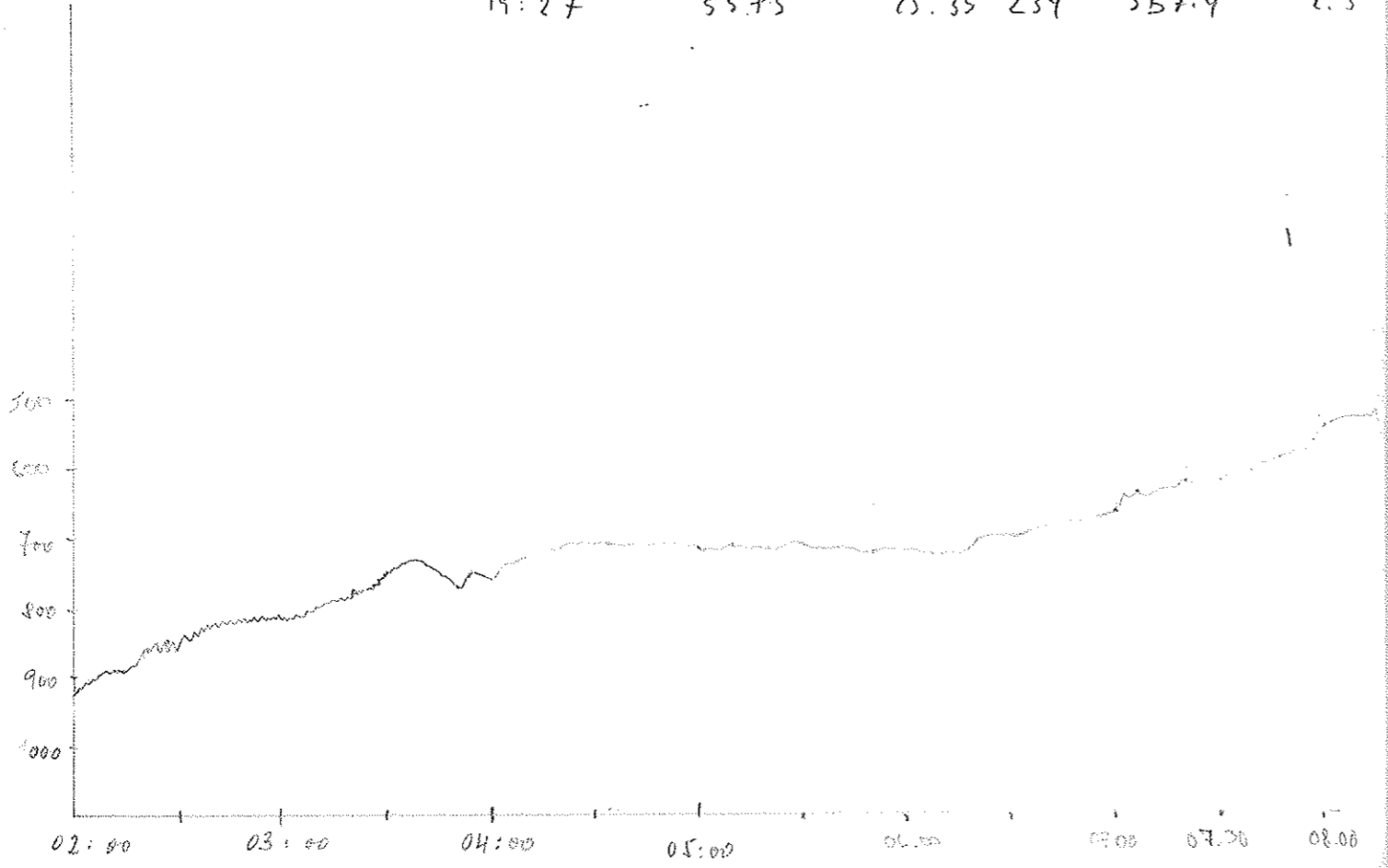
Rolle	Profil	Datum	Uhrzeit	Latitude	Longitude	Tiefe	Kurs	Speed	Tiefenbereich	Sweep	Trigger	Bemerkungen	
M 14	8/378	10.1.86	01.41	75°30,46'S	27°11,94'W	237,0	225,2	9,6	200-467	2	KP	Prof. Halley-Filchner Profilbajon (200 m scan)  250 m scan 375 m scan aber kein Echo mehr (Beschleunigung hat evidently geschleppt)  Pulse Length 0,5 ms	
"	"	"	02.02	75°32,94'S	27°21,27'W	230,0	222,9	10,1	"	"	"		
"	"	"	02.30	75°36,41'S	27°33,42'W	253,0	223,3	10,1	"	"	"		
"	"	"	03.00	75°40,07'S	27°47,02'W	278,0	222,6	9,9	250-583	"	"		
"	"	"	03.27	75°45,53'S	27°59,73'W	436,0	220,7	10,4	500-816	3	K-P		
"	"	"	03.40	75°45,02'S	28°05,37'W	444,0	220,7	10,7	375-875	2	KP		
"	"	"	04.00	75°47,77'S	28°14,63'W	460,0	221,5	10,3	"	"	"		
"	"	"	04.49	75°54,32'S	28°37,22'W	377,0	222,3	10,6	250-583	"	"		
"	"	"	05.45	76°01,75'S	28°03,55'W	366,0	222,3	10,3	"	"	"		
"	"	"	06.45	76°08,35'S	29°35,99'W	370,0	220,9	10,5	"	"	"		
"	"	"	07.30	76°14,48'S	29°58,63'W	342,0	229,2	10,7	"	"	"		
"	"	"	08.00	76°18,25'S	30°13,93'W	385,0	229,0	11,1	"	"	"		
			10.29	76°28,4	31°52,52	446	255	10,7					375 m Scan
			11.15	76°36,54	32°10,31	392	209	10,9					250 m Scan
			11.54	76°40,54	32°31,46	420	220	11,0				375 m Scan	
			12.31	44.57	41.58	441	240.2	10,9				"	
			13.00	45.45	33°13.75	525	267.4	9,8				"	
			13.30	47.71	31.01	565	225.1	10,7				"	
			14.00	50.23	48.67	590	279.7	8,8				"	



Roll	Profil	Datum	Uhrzeit	Lat.	Long	Tiefe	Kurs	Speed	Tiefenbereich	Sweep	Trigger	Note
M14	8/378	10.1.86	14:07	76° 50.86	33° 53.06	2590	219.5	9.8			375m	Scan
"	"	"	14:30	53.18	34° 00.21	636	258.2	8.4			"	"
"	"	"	15:00	54.52	04.74	631	206.1	2.6			"	"
"	"	"	15:28	55.37	09.75	614	321.1	2.1			"	"
"	"	"	16:00	56.87	10.21	563	168.3	7.5			"	"
"	"	"	16:30	57.94	01.81	464	154.6	10.5			"	"
"	"	"	17:00	08.07	33° 44.32	318	120.8	11.8			250m	"
"	"	"	17:09	08.98	38.79	241	196.8	11			188m	"
"	"	"	17:30	11.17	43.33	333	184.5	11.5			250m	"
"	"	"	18:01	15.52	47.42	206	47.1	Rückwärts			188m	"
"	"	"	18:30	17.65	56.26	238	277	8.4			188m	"
"	"	"	18:55	20.20	07.99	337	222.3	10.9			250m	"
"	"	"	19:30	24.94	25.16	285	220.5				250m	"
"	"	"	20:16	30.37	56.25	396	240.6	11.5			"	"
"	"	"	20:45	31.80	35° 49.45	491	261.1	11.2			375m	"
"	"	"	21:15	33.29	43.87	659	250.3	11.0	575-750	2	KP	"
"	"	"	21:30	34.30	56.38	738	245.3	11.2	750-1125	3	K-P	"
"	"	"	22:01	36.48	36° 20.21	941	271.9	11.0	"	"	"	"
"	"	"	22:18	36.38	33.92	1143	274.7	10.9	1125-1500	2	KP	"
"	"	"	22:26	36.26	40.64	1121	274.9	11.0	750-1125	3	K-P	"
"	"	"	23:00	36.07	37° 10.38	1120	275.9	10.7	"	"	"	"
"	"	"	23:12	35.85	20.55	1134	275.8	10.7	1125-1500	2	KP	"
"	"	"	23:51	35.00	37° 52.56	1165	278.9	10.5	"	"	"	"
"	"	11.1.86	00:17	34.08	34° 13.29	1131	289.4	11.0	750-1125	3	K-P	"
"	"	"	00:45	34.27	37.73	1067	234.1	11.7	"	"	"	"
"	"	"	01:09	33.60	52.58	1032	334.0	10.9	"	"	"	"
"	"	"	01:27	31.26	39° 02.03	1010	300.4	11.0	"	"	"	"
"	"	"	01:54	28.54	20.94	960	299.4	10.8	"	"	"	"



Rolle	Profil	Datum	Uhrzeit	Lat. S	Long. W	Tiefe	W. m	Speed	Tiefenbereich	Sweep	Trigger	Note	
M 14	8/378	11.1.86	02:30	77° 24' 74	39° 46' 48	851	307.7	11.6	710 - 1125	3	K-P	starke Säureabtragungen	
"	"	"	02:55	21.52	14.74	227	162.6	8.1	"	"	"		
"	"	"	02:59	27.31	15.44	249	270.8	6.5	"	"	"		
"	"	"	03:26	18.74	40° 02' 73	762	10.5	8.3	"	"	"		
"	"	"	03:31	14.11	03.40	746	330.7	9.7	375 - 710	2	KP		
"	"	"	03:43	16.19	09.36	762	320.3	11.0	710 - 1125	3	K-P		
"	"	"	03:52	15.01	14:54	747	297.8	10.8	375 - 710	2	KP		
"	"	"	04:06	13.82	21.66	752	296.4	6.8	750 - 1125	3	K-P		/ 4.08 2 KP
"	"	"	04:31	13.25	41.39	709	223.9	9.5	375 - 750	2	WP		
"	"	"	05:00	16.83	44.45	709	217.9	11.0	"	"	"		
"	"	"	05:36	21.15	59.14	704	218.4	8.4	"	"	"		
"	"	"	06:06	22.15	41° 03.05	717	34.3	1.9	"	"	"		5.53 Rückwärts Fahrt
"	"	"	06:35	26.82	21.55	645	242.3	12.4	"	"	"		
"	"	"	07:02	29.81	41.39	653	239.6	12.2	"	"	"		
"	"	"	07:30	31.05	42° 02.08	617	265.8	12.0	"	"	"		
"	"	"	08:05	31.77	32.18	540	259.2	12.0	"	"	"		
"	"	"	08:30	32.18	50.93	491	259.9	11.4	"	"	"		
"	"	"	09:30	44.00	43° 47.41	477	268.3	10.5	"	"	"		
"	"	"	10:30	41.48	44° 13.46	366	289.0	10.7	"	"	"		
M 15	8/378	11.1.86	10:48	77° 40.63	44° 27.08	357	284.3	11.0	0 - 250	2	KP	Paymerwechsel SCAN auf 250 m Rolle 15	
"	"	"	12:00	35.63	45 23.7	264	299.6	11.3	"	"	"		
"	"	"	12:34	32.61	49.02		299.5	11.2	0 - 200	4	"		
"	"	"	12:55	25.46	46 46.82	230	312.4	10.8	0 - 200	"	"		
"	"	"	15:02	18.08	47 31.42	249	319.7	10.8	"	"	"		
"	"	"	15:53	10.21	4 57.16	239	323.0	10.4	0 - 200	"	"		
"	"	"	16:33	05.25	48° 20.57	246	279.0	11.0	"	"	"		
"	"	"	17:28	07.90	49° 03.97	234	296.7	11.1	"	"	"		
"	"	"	18:27	76 58.61	45.96	238	247.1	10.8	"	"	"		
"	"	"	19:00	56.16	50° 01.28	223	306.0	11.5	"	"	"		
"	"	"	19:27	53.73	25.35	234	357.4	2.3	"	"	"	Profil Ende	



#10

ANT IV 13 (ab Rolle 15)

3,5 kHz - Protokolle



ANTARKTIS IV

2. Buch

15. Jan. 1986 - 10.3.86

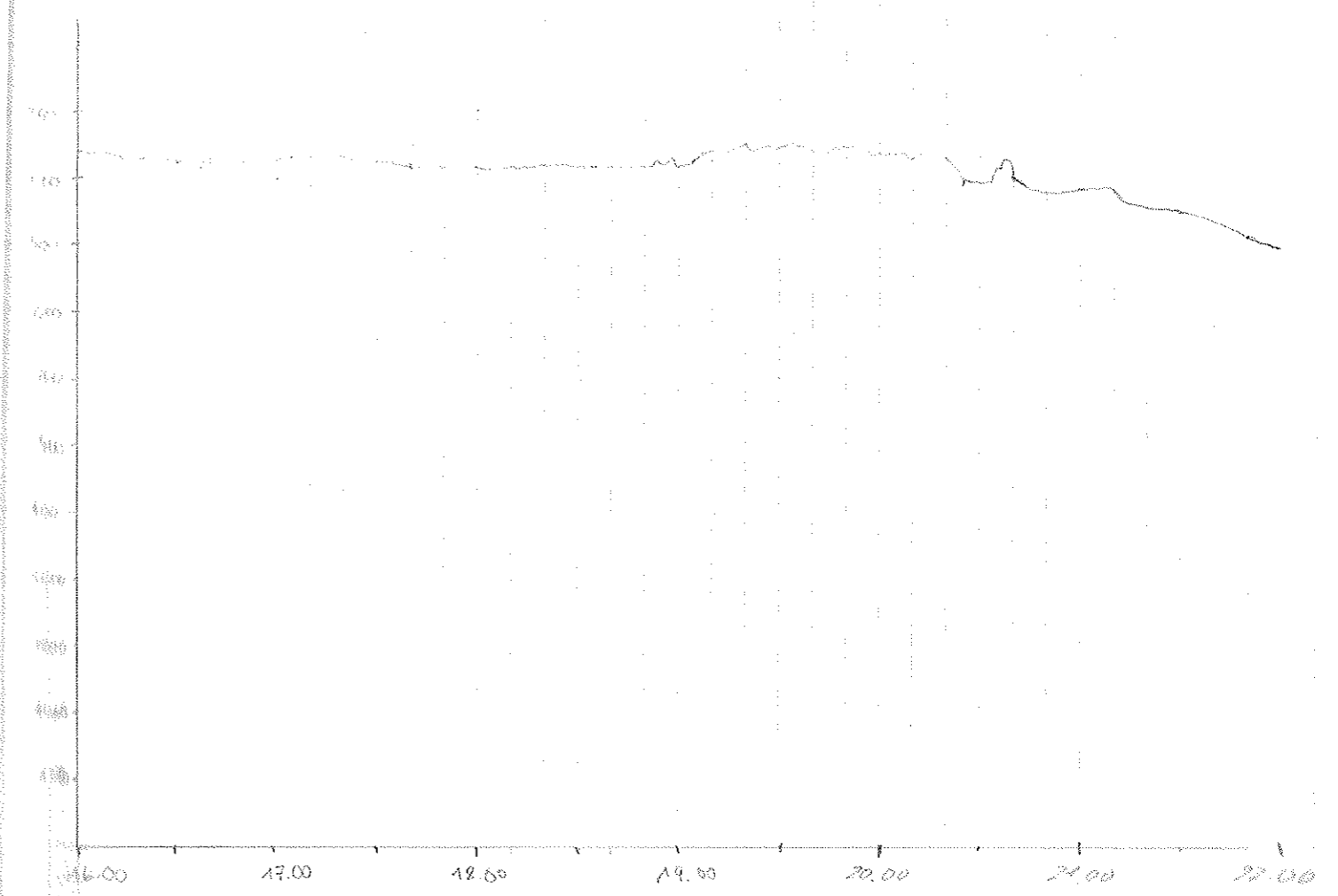
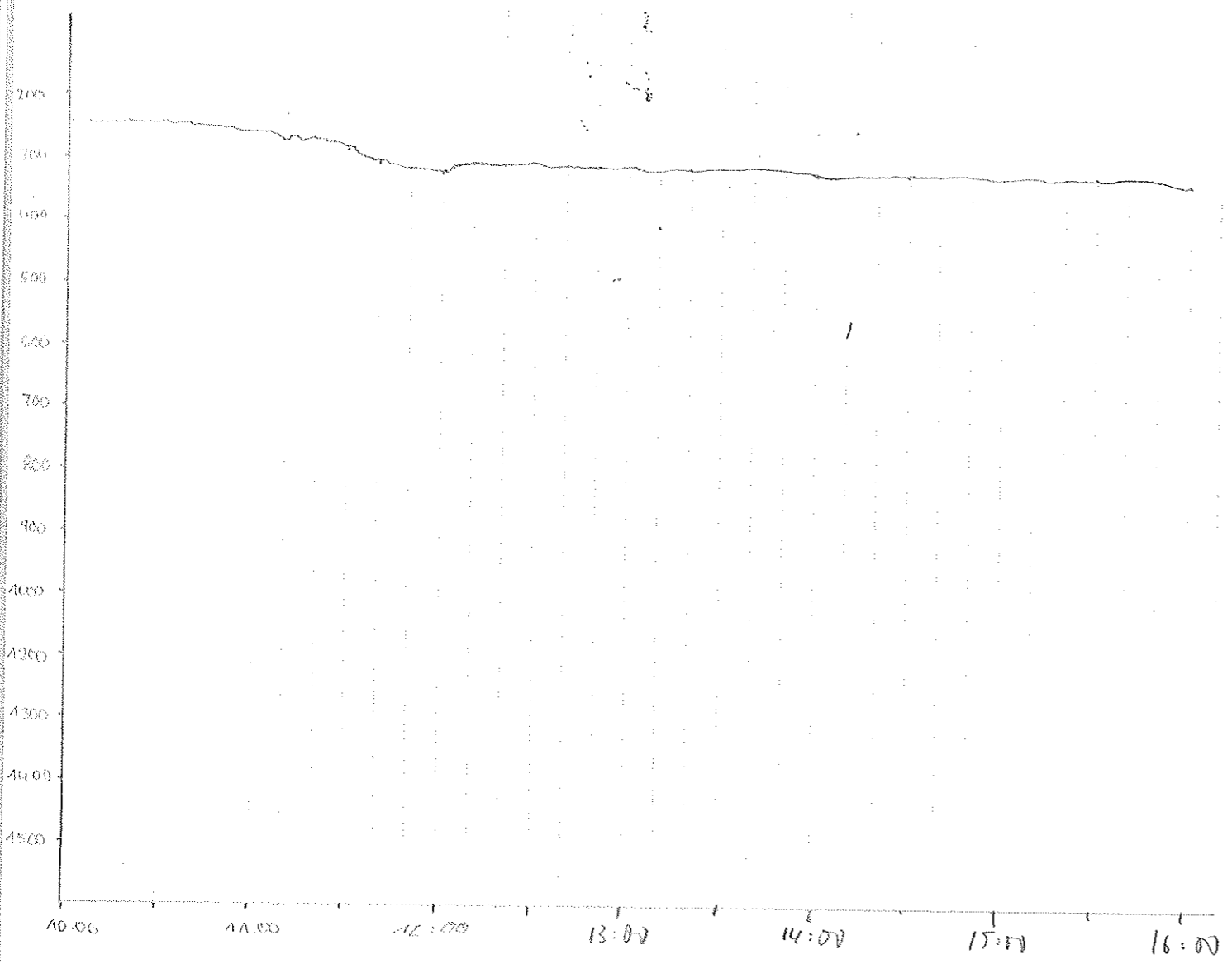
ANT IV 13 (ab Rolle 15)

[Blind-stamped text on a white label, mostly illegible]

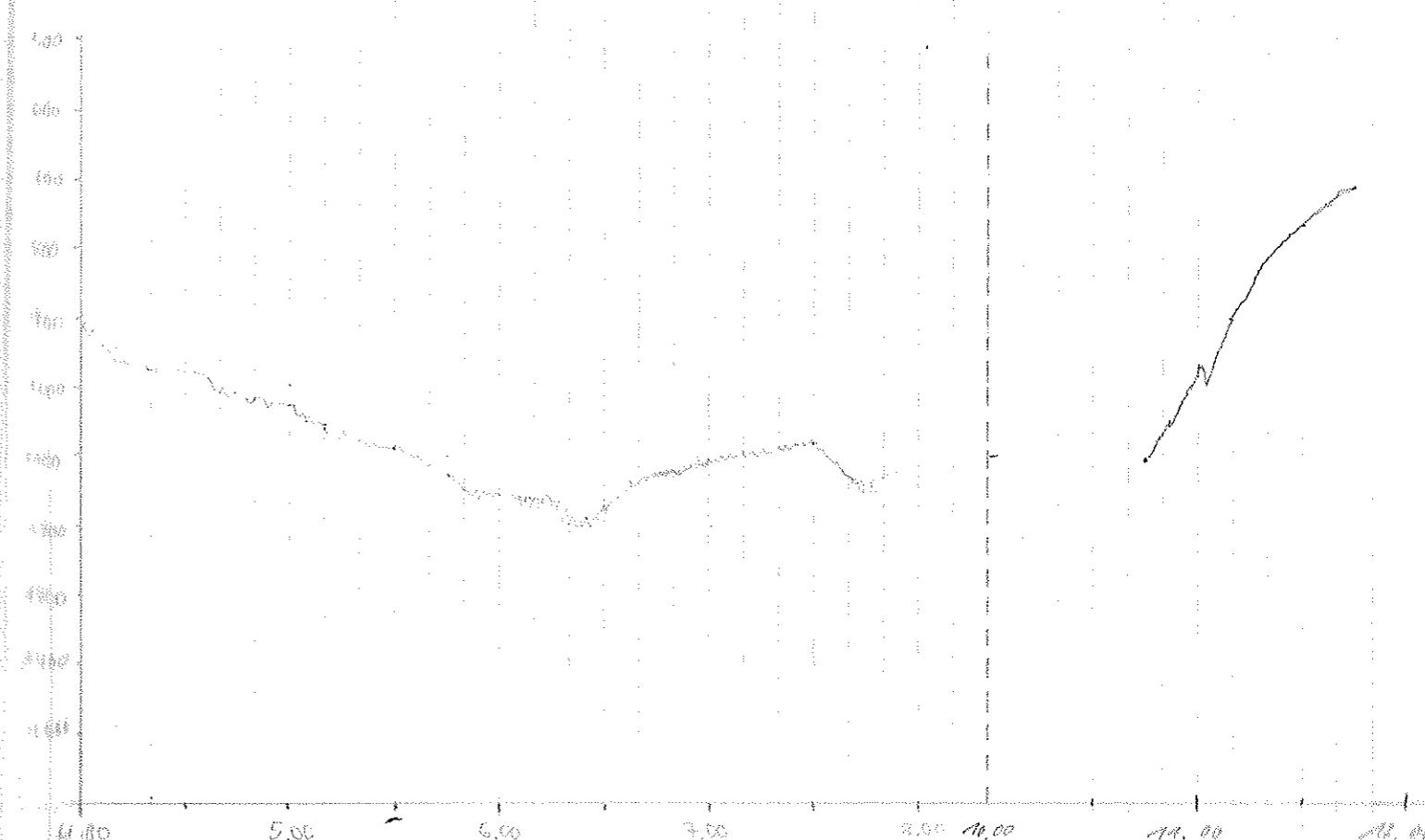
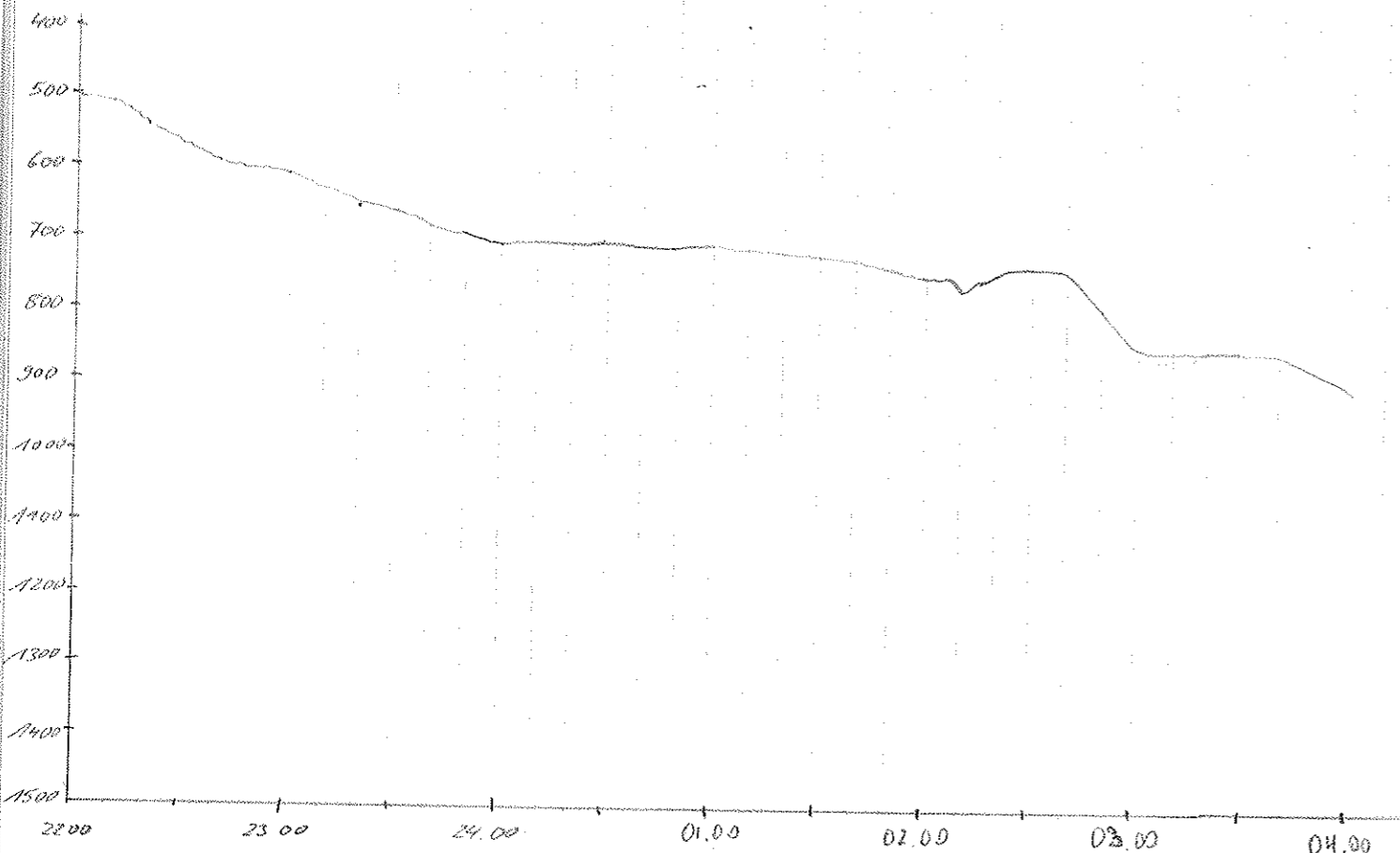
EKAMA EKAMA EKAMA



Public	Profile	Datum	Zeit	Lat S	Long. W	Kurz	Speed	Depth	Tiefenbereich	Sweep	Trigger	m Delay	m scan	m sec	pulse length	Note
M 15	8/383	15.01.86	10:03	77° 07.26	46° 44.31	100.	5.7	244	90-405	2	P <sub>k</sub> -	0090	375	1500	0.5	Imbetriebnahme
"	"	"	10:35	07.19	30.61	74.2	5.6	242	"	"	"	"	"	"	"	"
"	"	"	11:01	05.81	21.81	70.2	5.7	266	"	"	"	"	"	"	"	"
"	"	"	11:30	04.90	11.09	65.6	5.3	286	"	"	"	"	"	"	"	"
"	"	"	12:02	05.10	45° 58.45	100.4	5.5	312	"	"	"	"	"	"	"	"
"	"	"	13:13	06.39	29.37	99.8	5.6	310	150-525	"	P <sub>k</sub> -	150	"	"	"	gespielt =>
"	"	"	14:04	08.37	14.56	146.5	5.7	321	"	"	"	"	"	"	"	multiple way
"	"	"	14:31	10.46	07.30	140.3	5.7	329	"	"	"	"	"	"	"	"
"	"	"	15:36	15.05	44° 48.61	87.9	5.5	329	"	"	"	"	"	"	"	"
"	"	"	16:00	15.46	39.41	118.3	5.9	358	"	"	"	200 msec	500 msec	"	"	"
"	"	"	16:33	17.67	29.34	121.7	5.6	372	"	"	"	"	"	"	"	"
"	"	"	17:05	19.48	18.40	135.4	5.6	367	"	"	"	"	"	"	"	"
"	"	"	17:40	21.52	07.26	131.6	5.7	372	"	"	"	"	"	"	"	"
"	"	"	18:02	22.19	01.11	162.4	5.6	382	"	"	"	"	"	"	"	"
"	"	"	18:34	25.20	03.86	234.0	2.4	385	"	"	"	"	"	"	"	"
"	8/383	"	19:02	26.01	13.07	268.2	11.0	386	"	"	"	"	"	"	"	~18:50 STREAMER
"	"	"	19:20	29.12	30.33	186.7	10.9	341	"	"	"	"	"	"	"	eingeholt
"	"	"	20:30	35.12	43° 58.06	96.3	11.5	411	"	"	"	"	"	"	"	"
"	"	"	21:00	34.76	31.84	80.2	11.2	425	"	"	"	"	"	"	"	"
"	"	"	21:30	33.49	07.71	69.5	11.1	466	"	"	"	"	"	"	"	"
"	"	"	22:00	31.99	42° 42.66	76.4	11.1	504	225-600	"	"	300 msec	"	"	1.0	"

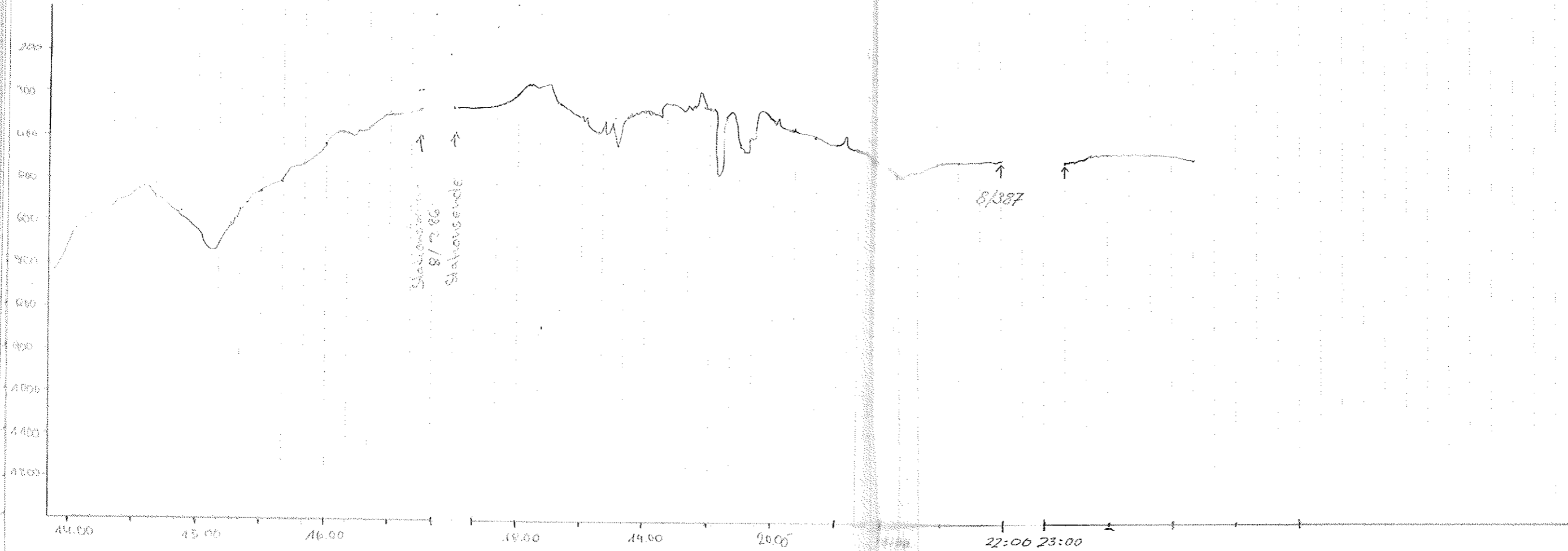


Rolle	Profil	Datum	Zeit	Lat S	Long W	Kurs	Speed	Depth	Tiefenbereich	Sweep	Trigger	msec Delay	msec Scan	m/sec	Pulse/Length	Notes
M 15	8/383	15.1.86	22:30	77° 30.65	42° 48.03	72.1	11.3	579	525 - 900	2	PX	700	500	1500	1.0	
"	"	"	23:00	28.61	41° 54.44	67.8	11.5	645	"	"	"	"	"	"	"	
"	"	"	23:30	26.01	34.39	62.5	11.5	655	"	"	"	"	"	"	"	
"	"	16.1.86	00:00	23 06'S	10.48'W	34.3	11.3	706	"	"	"	"	"	"	"	
"	"	"	00:30	18.51'S	40° 56.37'W	37.7	11.6	705	"	"	"	"	"	"	"	
"	"	"	01:00	14.24'S	41.46'W	29.6	11.3	709	"	"	"	"	"	"	"	
"	"	"	01:30	13.49'S	31.88'W	23.6	5.7	726	"	"	"	"	"	"	"	
"	"	"	02:00	14.96'S	21.26'W	17.5	6.8	742	"	"	"	"	"	"	"	
"	"	"	02:30	18.42'S	02.87'W	157.7	8.2	743	"	"	"	"	"	"	"	
"	"	"	03:00	22.02'S	39° 54.26'W	140.5	7.7	849	"	"	"	"	"	"	"	
"	"	"	03:30	24.40'S	43.85'W	114.1	11.0	853	"	"	"	"	"	"	"	
"	"	"	03:58	26.29'S	27.21'W	124.6	10.5	902	675 - 1050	"	"	"	"	"	"	
"	"	"	04:02	26.62	25.04	124.4	10.2	913	675 - 1275	"	"	900	500	1500	1.0	
"	"	"	04:25	28.62	09.04	104.5	10.4	979	750 - 1125	3	K-P	0000	"	"	"	
"	"	"	05:00	30.43	38° 41.99	97.4	10.9	1032	"	"	"	"	"	"	"	
"	"	"	05:30	31.25	17.82	98.2	10.7	1089	"	"	"	"	"	"	"	
"	"	"	05:46	31.68	05.16	98.1	10.5	1132	1125 - 1500	2	K-P	"	"	"	"	
"	"	"	06:00	32.22	38° 53.35	105.2	10.5	1159	"	"	"	"	"	"	"	
"	"	"	06:30	33.94	30.52	110.6	10.4	1167	"	"	"	"	"	"	"	
"	"	"	06:48	35.10	17.14	110.8	10.8	1125	750 - 1125	3	K-P	0000	"	"	"	
"	"	"	07:00	35.45	07.72	131.2	11.8	1100	"	"	"	"	"	"	"	
"	"	"	07:30	34.83	36° 44.46	068.0	10.6	1082	1050 - 1775	2	K-P	0900	"	"	"	
"	"	"	08:02	33.05	21.02	165.7	0.5	1032	"	"	"	"	500	"	"	Station 8/384
"	"	"	10:43	33.07	24.79	117.2	1.0	1099	"	"	"	"	"	"	"	Anlaufen St. 8/385
"	"	"	11:03	33.61	15.54	105.3	8.8	952	750 - 1125	3	K-P	0	"	"	"	
"	"	"	11:33	34.02	35° 53.39	143.7	8.2	748	375 - 750	2	K-P	"	"	"	"	
"	"	"	11:45	35.58	53.58	165.9	-	716	"	"	"	"	"	"	"	Station 8/385

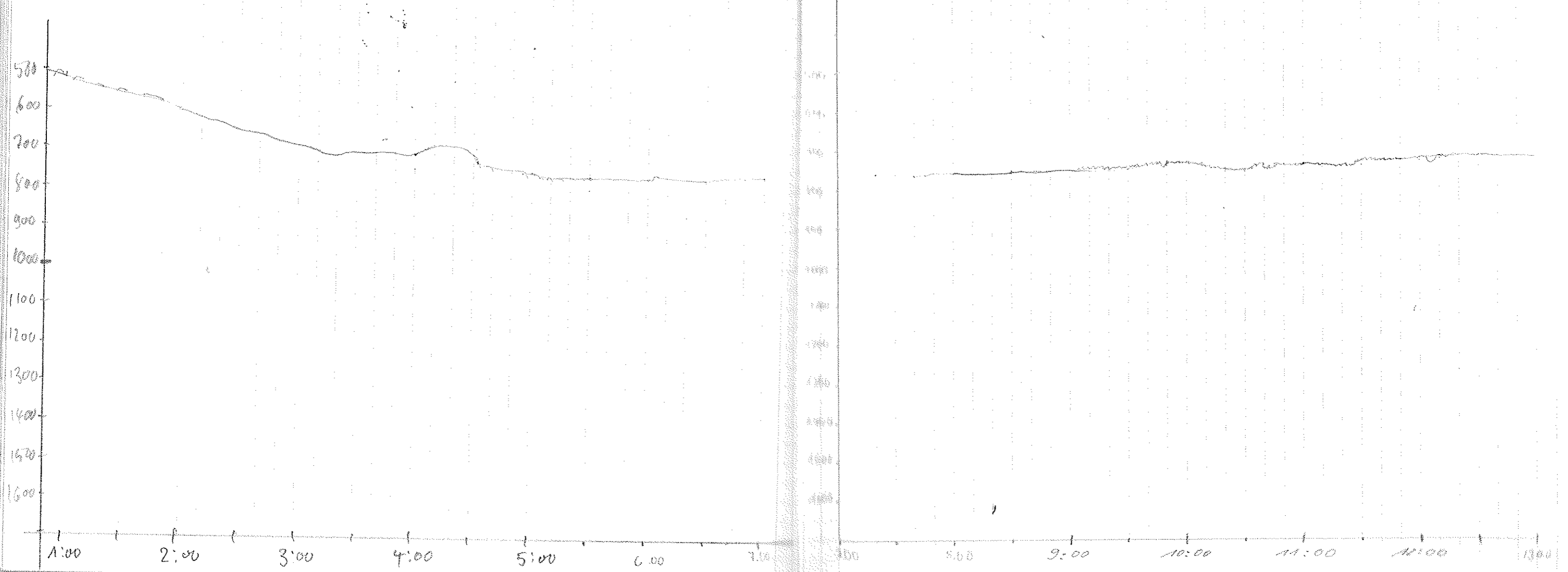


Rolle	Profil	Datum	Zeit	Lat S	Long W	Kurs	Speed	Depth	Tiefenbereich	Sweep	Trigger	msec Delay	msec Scan	m/sec Pulse length	Note
M 15	-	16.1.86	13.53	77° 35.85	35° 53.61	133.3	2.0	711	375 - 756	2	KP	0000	500	1500	1.0
"	"	"	14.02	36.10	49.08	103.6	10.5	643	"	"	"	"	"	"	"
"	"	"	14.32	32.98	27.95	53.3	10.6	513	"	"	"	"	"	"	"
"	"	"	14.52	30.93	33.11	296.4	10.4	573	"	2	K-P	0500	"	"	ähnliche Ergebnisse
"	"	"	15.30	33.27	24.75	110.9	10.8	530	"	"	"	"	"	"	"
"	"	"	16.01	32.20	34° 59.93	84.3	9.9	417	"	"	"	"	"	"	"
"	"	"	16.16	30.65	54.13	76.2	9.9	375	100 - 475 ?	2	K-P	0100	"	"	"
"	"	"	16.31	29.62	45.45	53.2	5.5	348	"	"	"	"	"	"	"
"	"	"	16.44	24.48	42.97	44.7	0.2	333	"	"	"	"	"	"	Start Station 8/386
M 16	"	"	17.41	77° 28.99	34° 43.74	35.9	1.2	333	"	"	"	"	"	"	Ballonversch.
"	"	"	18.12	25.91	32.44	28.9	11.0	278	"	"	"	"	"	"	0,5
"	"	"	18.32	21.66	21.19	35.3	11.2	388	"	"	"	"	"	"	"
"	"	"	19.02	18.09	10.50	32.3	11.0	343	"	"	"	"	"	"	"
"	"	"	19.45	11.06	33° 54.06	12.6	11.0	456	225 - 600	"	"	0300	"	"	"
"	"	"	20.00	08.40	53.04	6.3	9.6	360	"	"	"	"	"	"	"
"	"	"	20.31	02.91	47.10	17.8	11.2	413	225 - 600	"	"	300	500	"	"
"	"	"	21.00	76° 58.29	33° 43.52	350.8	9.5	457	"	"	"	"	"	"	"
"	"	"	21.30	55.39	33° 32.94	50.3	6.9	456	"	"	"	"	"	"	"
"	"	"	22.02	53.21	22.25	103.1	-	448	"	"	"	"	"	"	" Station 8/387
"	"	"	23.14	52.78	23.42	67.5	3.0	450	"	"	"	"	"	"	Anlaufen Startpunkt
"	"	"	23.30	76° 51.33	13.09	61.7	10.7	436	"	"	"	"	"	"	Seismik
"	"	17.1.86	0:06	49.18	32° 58.94	344.9	3.8	444	"	"	"	"	"	"	0:53 ENDE

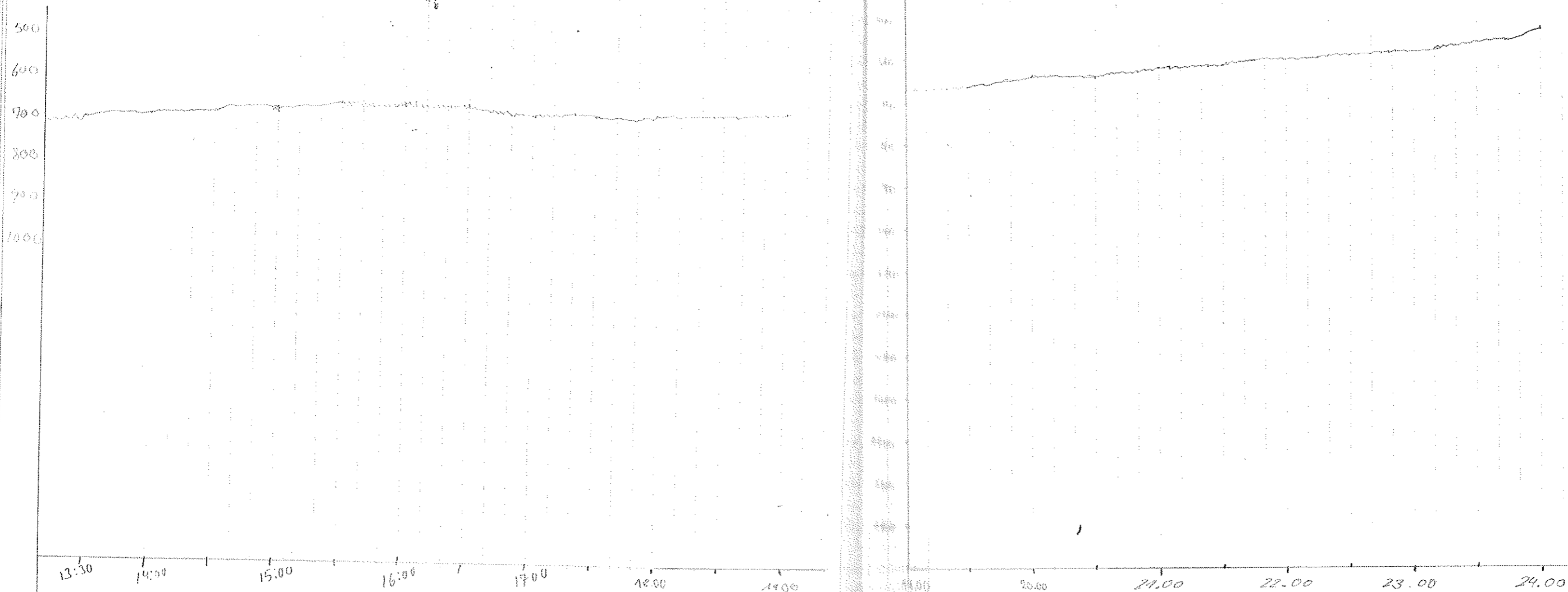
Auschnittsprofil 8/388



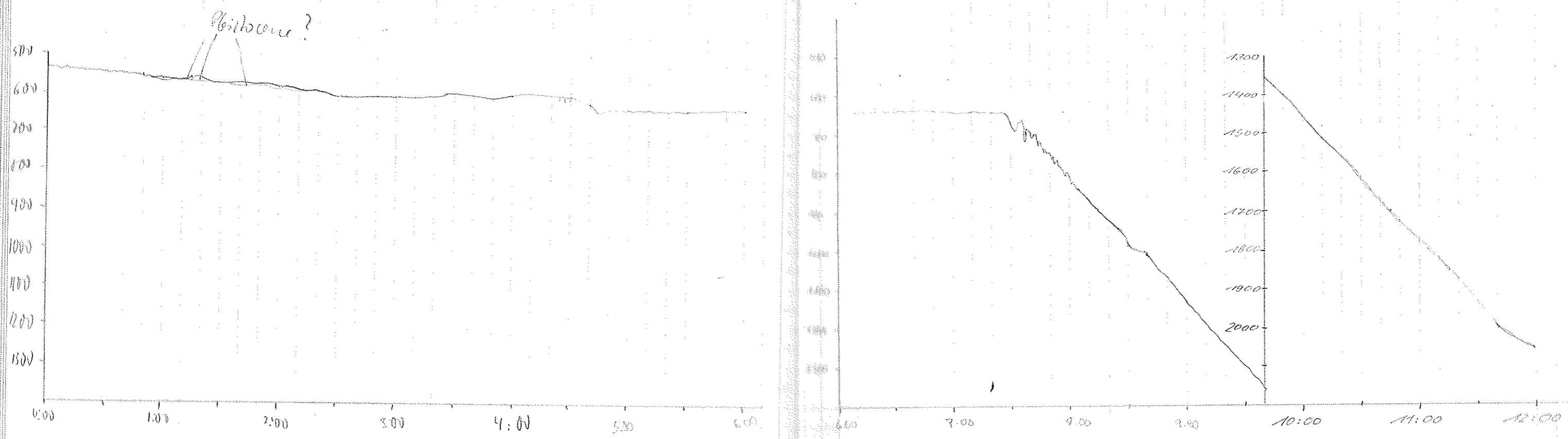
Roll	Profile	Date	Zeit	Lat.	Long	Kurs	Speed	Depth	Bermidg	Seep	Frig	msec Delay	msec Scan	m/sec	Pulve length	09
M16	8/388	17.1.86	0:53	76° 46.33	33° 9.92	354.3	5.6	570	225-600	2	KX PX	300	500	1500	0.5 msec	09
"	"	"	1:30	76° 42.07	33° 11.58	353	5.5	563	525-900	2	KX PX	700	500	"	Eutroler Magnetometer + Streamer (EIS!)	
"	"	"	1:49	76° 40.43	33° 14.22	343	4.8	587	Streamer	2	KX PX	Beend of		"		
"	"	"	2:30	76° 41.1	32° 20.52	347	9.1		"	"	"	"	"	"	"	
"	"	"	4:02	76° 27.74	32° 52.28	279	10.6	707	"	"	"	"	"	"	"	
"	"	"	4:32	76° 23.19	32° 44.89	275	10.5	730	"	"	"	"	"	"	"	
"	"	"	5:04	76° 19.74	32° 35.28	275	4.8	754	"	"	"	"	"	"	"	Streamer + Magn. ausbringen
"	"	"	5:30	76° 18.04	32° 32.15	283	4.7	761	"	"	"	"	"	"	"	
"	"	"	6:02	76° 15.44	32° 26.77	264	5.5	761	"	"	"	"	"	"	"	
"	"	"	6:39	76° 12.45	32° 20.79	249	5.5	760	"	"	"	"	"	"	"	
"	"	"	7:00	76° 10.66	32° 17.82	218	5.6	756	"	"	"	"	"	"	"	
"	"	"	7:31	76° 08.21	32° 12.54	228	5.8	754	"	"	"	"	"	"	"	
"	"	"	8:00	76° 05.65	32° 07.28	211	5.5	753	"	"	"	"	"	"	"	
"	"	"	8:30	76° 02.92	32° 02.48	254	5.7	753	"	"	"	"	"	"	"	1.0
"	"	"	9:12	76° 58.84	32° 01.88	340.9	5.6	750	"	"	"	"	"	"	"	
"	"	"	9:30	76° 57.15	32° 04.20	338.3	6.0	741	"	"	"	"	"	"	"	
"	"	"	10:00	76° 54.73	32° 10.93	334.0	5.9	741	"	"	"	"	"	"	"	
"	"	"	10:32	76° 51.68	32° 15.16	338.7	5.8	751	"	"	"	"	"	"	"	
"	"	"	11:01	76° 49.29	32° 19.20	339.6	5.9	740	"	"	"	"	"	"	"	
"	"	"	11:30	76° 46.63	32° 22.70	342.1	5.9	729	"	"	"	"	"	"	"	
"	"	"	12:00	76° 44.02	32° 26.68	341.3	5.8	712	"	"	"	"	"	"	"	
"	"	"	12:30	76° 41.33	32° 29.95	341.4	5.9	709	"	"	"	"	"	"	"	
"	"	"	13:00	76° 38.59	32° 33.77	341.4	5.9	718	"	"	"	"	"	"	"	



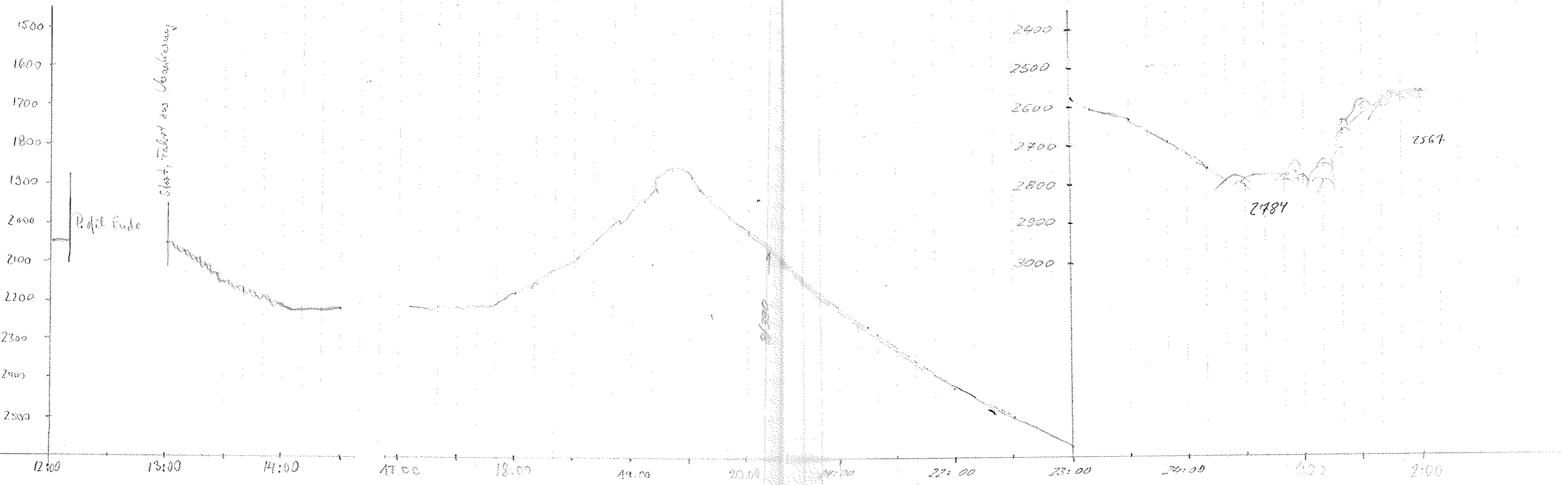
Rolle	Profil	Datum	Zeit	Lat. S	Long W	Korc	Speed	Depth	Tiefenbereich	Sweep	Trigger	msec Delay	msec Scan	m/s	Pulse / Length	Note
M16	8/388	17.01.86	13:30	75° 35.82'	32° 37.51'	341.4	5.9	702	525-900	2	Kx Px	900	500	1500	0.5	
"	"	"	14:04	32.90	41.97	341.3	5.8	689	"	"	"	"	"	"	"	
"	"	"	14:30	30.65	45.51	340.3	5.9	683	"	"	"	"	"	"	"	
"	"	"	15:00	28.04	46.39	329	6.1	674	"	"	"	"	"	"	"	
"	"	"	15:30	26.80	36.48	303	5.9	666	"	"	"	"	"	"	"	
"	"	"	16:04	24.34	30.95	206	5.9	664	"	"	"	"	"	"	"	
"	"	"	16:30	21.90	26.17	263	5.8	667	"	"	"	"	"	"	"	
"	"	"	17:02	19.30	19.69	36.4	5.9	684	"	"	"	"	"	"	"	
"	"	"	17:30	17.24	14.31	35.7	5.8	689	"	"	"	"	"	"	"	
"	"	"	18:00	14.88	07.90	23.3	5.9	694	"	"	"	"	"	"	"	
"	"	"	18:31	12.51	01.16	35.6	5.8	681	"	"	"	"	"	"	"	
"	"	"	19:00	10.29	31° 54.92	35.7	5.6	671	"	"	"	"	"	"	"	
"	"	"	19:31	07.48	49.00	17.2	5.9	659	"	"	"	"	"	"	"	
"	"	"	20:01	04.78	46.26	18.0	6.1	639	"	"	"	"	"	"	1.0	
"	"	"	20:30	02.21	42.31	28.8	6.0	629	"	"	"	"	"	"	"	
"	"	"	21:00	74° 59.71	31° 36.93	29.2	5.9	619	"	"	"	"	"	"	"	
"	"	"	21:30	57.16	27.77	36.9	6.1	610	"	"	"	"	"	"	"	
"	"	"	21:45	55.99	26.78	29.2	5.9	600	"	"	"	"	"	"	"	
"	"	"	22:15	53.28	21.38	23.6	5.9	594	"	"	"	"	"	"	"	
"	"	"	22:45	50.56	16.18	25.9	6.1	588	"	"	"	"	"	"	"	
"	"	"	23:15	47.82	10.39	36.1	6.0	577	"	"	"	"	"	"	"	
"	"	"	23:16	45.24	05.33	8.8	6.0	554	"	"	"	"	"	"	"	



Route	Track	Date	Zeit	Lat	Long	RWS	Speed	Depth	Tiefenbereich	Sweep	Trigger	Relay	Scan	m/s	Auto/length
M16	8/288	10.01.76	0:32	74° 41.62	31° 10.82	307.7	5.8	546	375-750	2	KX PX	500	500	1570	1.0
"	"	"	1:08	37.44	19.75	307.8	5.6	577	"	"	"	"	"	"	"
"	"	"	1:44	37.33	29.73	310.4	5.6	577	"	"	"	"	"	"	"
"	"	"	2:35	34.47	44.46	305.5	5.9	604	"	"	"	"	"	"	"
"	"	"	3:00	33.18	51.91	304.8	5.6	606	"	"	"	"	"	"	"
"	"	"	4:00	30.11	32° 01.60	301.6	5.5	604	"	"	"	"	"	"	"
"	"	"	4:30	28.76	17.24	291.8	5.5	605	"	"	"	"	"	"	"
"	"	"	5:00	27.66	27.27	299.4	5.5	636	"	"	"	"	"	"	"
"	"	"	5:30	26.59	35.97	298.4	5.5	647	"	"	"	"	"	"	"
"	"	"	6:00	24.96	44.31	309.0	5.4	644	"	"	"	"	"	"	"
"	"	"	6:30	23.00	52.42	307.8	5.6	643	"	"	"	"	"	"	"
"	"	"	7:05	21.01	33° 02.00	308.1	5.7	662	"	"	"	"	"	"	"
"	"	"	7:20	19.60	33° 02.85	307.5	5.5	665	"	"	"	"	"	"	"
"	"	"	7:40	19.04	11.56	307.3	5.7	703	600-975	"	"	800	"	"	"
"	"	"	8:33	15.81	27.50	300.9	5.6	984	100-1125	3	K-P	0	"	"	"
"	"	"	9:03	14.05	36.34	301.6	5.8	1130	125-1500	2	KP	"	"	"	"
"	"	"	9:37	11.99	47.43	301.4	5.8	1305	"	"	"	"	"	"	"
"	"	"	10:08	10.13	56.85	301.6	6.0	1467	"	"	"	"	"	"	"
"	"	"	10:15	09.73	58.96	301.8	5.9	1512	1600-1875	5	KPK-P	"	"	"	"
"	"	"	10:45	08.02	34° 08.11	300.8	5.7	1708	"	"	"	"	"	"	"
"	"	"	11:22	05.34	12.40	301.2	5.9	1889	1875-2250	2	KP	"	"	"	"
"	"	"	11:48	04.56	27.25	300.9	6.0	2001	"	"	"	"	"	"	"



Rolle	Profil	Datum	Zeit	Lat S	Long W	Kurs	Speed	Depth	Wohlbereich	Sweep	Trigger	Delay	Scan	M/S	Pulse Length	Note
MIG	8/388	18.1.86	12:00	74°03,88'S	34°30,93'W	304,3	5,8	2052	1875 - 2250	2	KP	0000	500	1500	1,0	12.05 Uhr
"	"	"	12:30	74°03,51'S	34°39,31'W	273,2	2,9	2092	"	"	"	"	"	"	"	Seinitt. Profil
"	"	"	12:43	74°03,49'S	34°40,67'W	274,0	1,3	2086	"	"	"	"	"	"	"	Stand by Ende
"	"	"	13:03	74°03,41'S	34°43,34'W	269,8	6,4	2079	"	"	"	"	"	"	"	Fahrt zur Verankerung
"	"	"	13:30	04,27'S	01,47'W	267,0	10,8	2140	"	"	"	"	"	"	"	"
"	"	"	14:00	04,43'S	35°20,01'W	271,0	10,6	2211	"	"	"	"	"	"	"	"
"	"	"	14:35	04,17'S	41,86'W	268,8	6,5	2213	"	"	"	"	"	"	"	"
"	"	"	14:51	04,21'S	45,36'W	130,0	1,0	2197	"	"	"	"	"	"	"	Stand by
"	"	"	17:07	03,82	43,60	45,8	2,8	2207	"	"	"	"	"	"	"	Ende Station 388
"	"	"	17:34	04,17	26,70	46,7	11,4	2206	"	"	"	"	"	"	"	"
"	"	"	18:00	05,27	08,13	96,7	11,2	2185	"	"	"	"	"	"	"	"
"	"	"	18:33	06,23	34°44,96	49,7	11,2	2086	"	"	"	"	"	"	"	"
"	"	"	19:11	06,50	27,06	94,7	8,6	1909	1500 - 1875	5	KPK-P	"	"	"	"	"
"	"	"	19:30	06,21	19,24	364,7	4,3	1884	1875 - 2250	2	KP	"	"	"	"	"
"	"	"	20:01	04,93	26,14	305,5	4,6	1996	"	"	"	"	"	"	"	"
"	8/390	"	20:30	03,11	30,88	306,5	5,3	2090	"	"	"	"	"	"	"	20:30 Start Seinnitt
"	"	"	21:01	01,04	37,35	334,4	5,4	2212	"	"	"	"	"	"	"	Profil SP390
"	"	"	21:15	73°59,87	34°39,17	335,3	5,9	2259	"	"	"	"	"	"	"	Rolle u. Bett gewechselt
17	"	"	21:29	73°58,64	40,96	335,3	5,8	2313	2250 - 2625	5	KPKP-	"	"	"	"	Start Rolle Nr. 17
"	"	"	22:03	55,57	45,35	335,5	5,8	2428	"	"	"	"	"	"	"	"
"	"	"	22:30	53,05	48,92	335,9	6,1	2506	"	"	"	"	"	"	"	"
"	"	"	23:03	50,21	53,08	334,9	5,4	2577	"	"	"	"	"	"	"	"
"	"	"	23:30	47,94	56,52	335,6	5,7	2636	"	"	"	"	"	"	"	"
"	"	"	23:35	48,30	58,89	338,3	5,8	2642	2625 - 3000	2	KP	"	"	"	"	"
"	"	19.1.86	0:12	46,02	35°03,58	338,3	5,3	2760	"	"	"	"	"	"	"	"
"	"	"	0:38	43,89	06,70	338,1	5,5	2784	"	"	"	"	"	"	"	"
"	"	"	1:05	41,57	10,03	340,8	5,4	2782	"	"	"	"	"	"	"	"
"	"	"	1:23	40,03	11,65	341,9	5,3	2647	2625 - 2625	5	KPKP-	"	"	"	"	Schreibrin gespannt
"	"	"	2:03	36,52	16,17	338,4	5,4	2568	"	"	"	"	"	"	"	"



Höhe	Profil	Datum	Zeit	Lat S	Long W	Kurs	Speed	Tiefe	Tiefenbereich	Sweeps	Trigypc	Delay	Scan msec	m/s	Pulse Length msec	Wdg
77	02/330	19.7.86	2:38	33°33.53	35°20.16	339.1	5.2	2637	615-3000	2	KP	0	500	1500	7	
"	"	"	3:02	34.55	24.46	333.3	5.5	2780	"	"	"	"	"	"	"	"
"	"	"	3:30	29.22	22.90	339.9	5.4	2863	"	"	"	"	"	"	"	"
"	"	"	4:01	26.79	32.18	335.2	5.4	2923	"	"	"	"	"	"	"	"
"	"	"	4:31	24.32	36.10	334.7	5.5	2990	310-3375	2	K-P	"	"	"	"	"
"	"	"	4:55	27.32	39.12	335.0	5.5	3014	"	"	"	"	"	"	"	"
"	"	"	5:35	18.99	44.43	336.8	5.4	3012	"	"	"	"	"	"	"	"
"	"	"	6:00	17.06	107.41	336.6	5.3	3019	"	"	"	"	"	"	"	"
"	"	"	6:42	12.41	52.45	336.3	5.2	3053	"	"	"	"	"	"	"	"
"	"	"	7:00	10.14	65.29	336.8	5.4	3097	"	"	"	"	"	"	"	"
"	"	"	7:30	09.57	68.99	335.9	5.6	3175	"	"	"	"	"	"	"	"
"	"	"	8:00	09.02	20.04	335.3	5.7	3184	"	"	"	"	"	"	"	"
"	"	"	8:19	08.22	07.79	335.8	5.5	3193	"	"	"	"	"	"	"	"
"	"	"	8:49	04.10	61.11	333	5.6	3247	"	"	"	"	"	"	"	"
"	"	"	9:20	03.22	04.98	333.4	5.3	3235	"	"	"	"	"	"	"	"
"	"	"	9:47	02.52	20.04	333	5.7	3228	"	"	"	"	"	"	"	"
"	"	"	10:17	02.11	40.53	332.7	5.7	3208	"	"	"	"	"	"	"	"
"	"	"	11:00	01.08	36.44	332.5	5.5	3267	"	"	"	"	"	"	"	"
"	"	"	11:30	00.47	39.81	332.7	6.5	3273	"	"	"	"	"	"	"	"
"	"	"	11:50	00.07	34.02	332	5.4	3207	310-3750	2	KP	"	"	"	"	"
"	"	"	13:44	32° 10.79	34° 55.21	60.5	5.2	3412								

ca 5 min auf 240  
im Uhrzeigersinn  
Drehung

draußen über Beobacht auf 190° Kurs

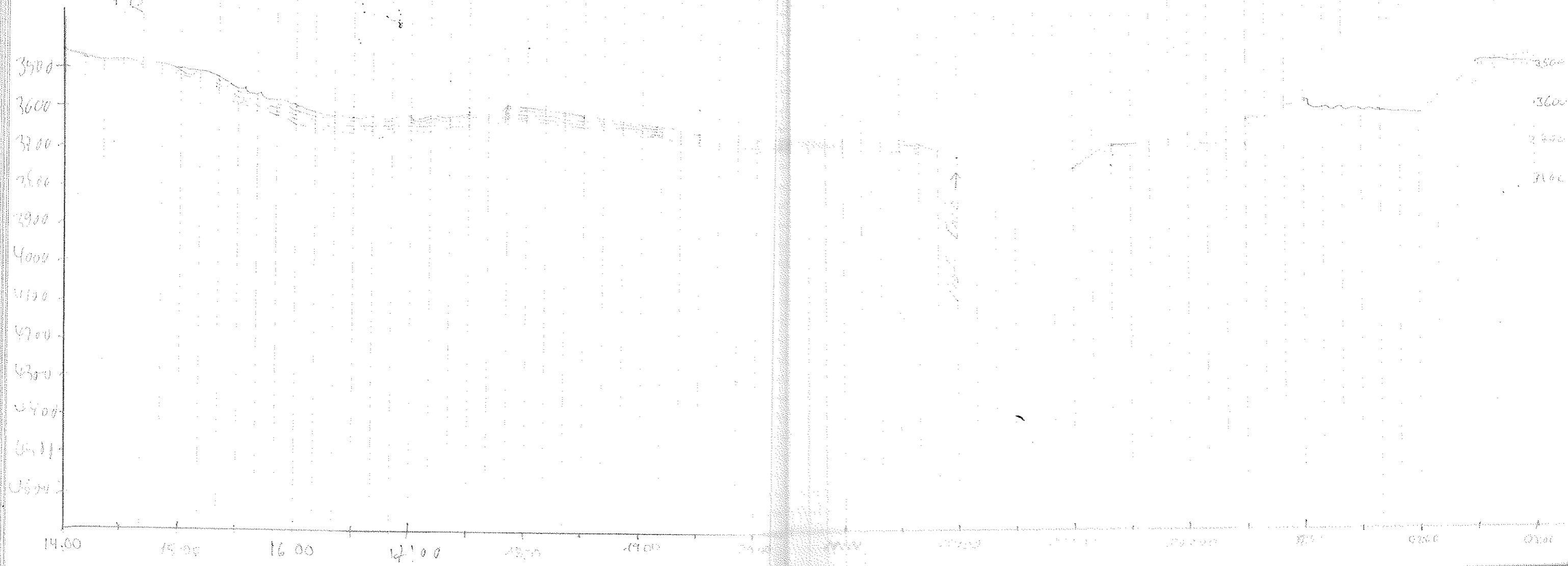
Fortsetzung nächste Seite



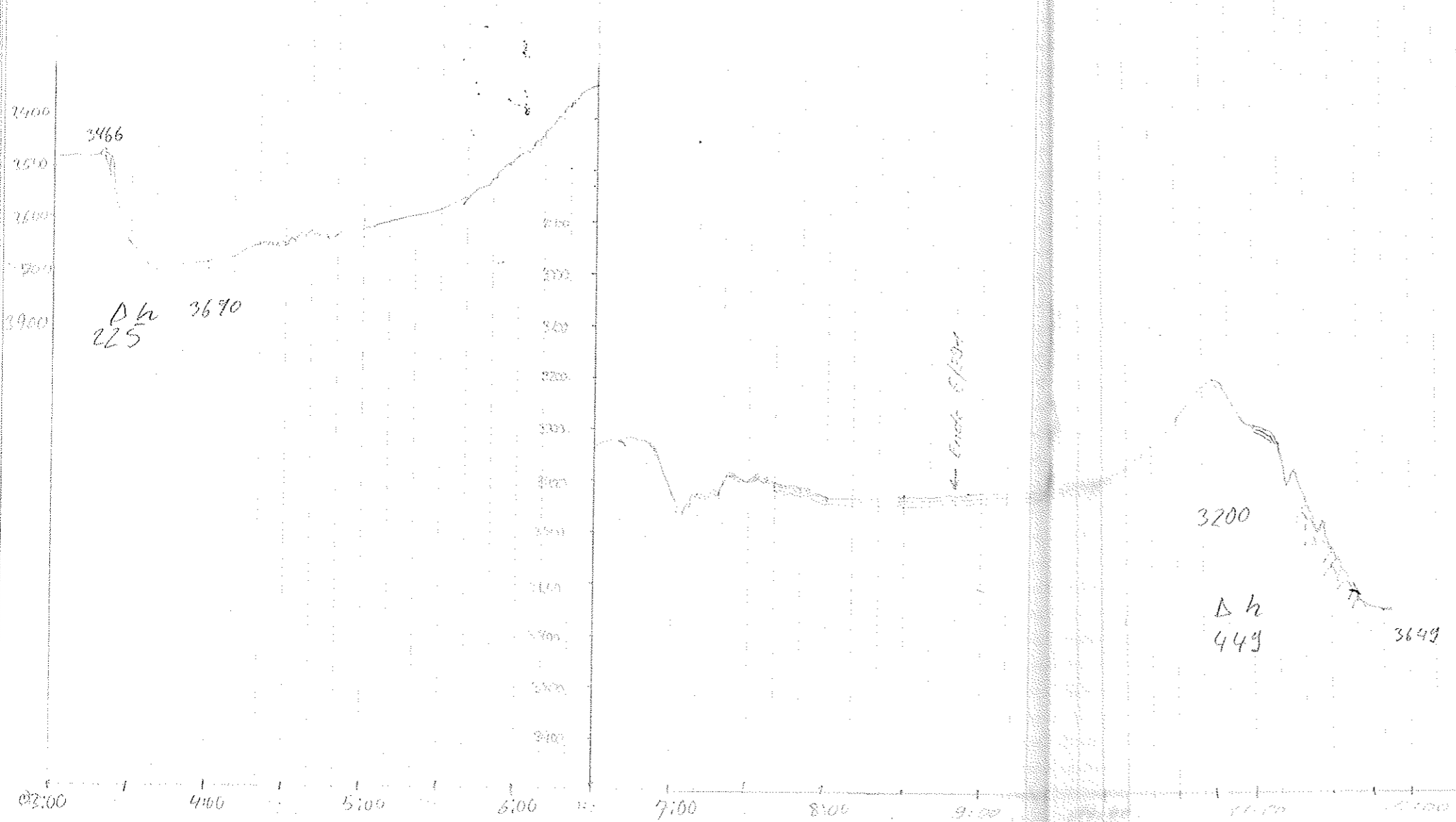


Roll	Profil	Datum	Zeit	Lat	Long	Kurs	Speed	Wd	Bereich	Seetemp	Trisjet	Dalay	Sea	Notes
17	8/390	19.1.86	14:33	22° 46.4	34° 50.67	145	5.2	3428	575-3750	2	KP	0000	ed	Übersicht
			14:36	22° 39.43	34° 47.13	145	5.1	3602	"	"	"	"	"	"
			14:39	22° 36.65	34° 43.58	130	5.2	3638	"	"	"	"	"	"
			14:42	22° 33.44	34° 40.22	136	5.1	3652	"	"	"	"	"	"
			14:45	22° 31.23	34° 36.12	142	5.2	3619	"	"	"	"	"	"
			14:48	22° 28.52	34° 32.33	143	5.1	3612	"	"	"	"	"	"
			14:51	22° 26.60	34° 28.60	143	5.1	3612	"	"	"	"	"	"
			14:54	22° 24.60	34° 25.60	143	5.1	3649	"	"	"	"	"	"
			14:57	22° 23.54	34° 22.71	143	5.0	3663	"	"	"	"	"	"
			15:00	22° 21.54	34° 19.15	143	5.1	3677	"	"	"	"	"	"
			15:03	22° 20.50	34° 15.25	143	5.1	3681	"	"	"	"	"	"
			15:06	22° 19.48	34° 11.35	143	5.1	3680	"	"	"	"	"	"
			15:09	22° 18.37	34° 07.45	143	5.1	3689	"	"	"	"	"	"
			15:12	22° 17.27	34° 03.55	143	5.1	3689	"	"	"	"	"	"
			15:15	22° 16.17	34° 00.05	143	5.1	3689	"	"	"	"	"	"
			15:18	22° 15.07	33° 56.15	143	5.1	3689	"	"	"	"	"	"
	8/391	"	22:58	22° 16.38	35° 23	270.4	7.4	3791	"	"	"	"	"	Start Magnetikprofil
			23:01	22° 15.28	35° 19.10	270.5	7.3	3769	"	"	"	"	"	"
			23:04	22° 14.18	35° 15.20	270.5	7.3	3780	"	"	"	"	"	"
		20.01.86	23:07	22° 13.08	35° 11.30	270.5	7.3	3678	"	"	"	"	"	"
			0:13	22° 11.98	35° 07.40	270.5	7.3	3643	"	"	"	"	"	"
			0:16	22° 10.88	35° 03.50	270.5	7.3	3598	"	"	"	"	"	"
			1:34	22° 33.39	34° 58	198.4	9.9	3624	"	"	"	"	"	"
			2:05	22° 38.29	34° 40.21	198.5	9.8	3631	"	"	"	"	"	"
			2:31	22° 41.14	34° 36.37	176.8	9.7	3495	"	"	"	"	"	"
			3:09	22° 45.35	34° 20.23	127.0	10.2	2466	"	"	"	"	"	"

4'00m - 5'00m / 10'00m  
 Repetitionen: 10'00m / 20'00m



Roll	Roll #	Lat	Long	Lat S	Long W	Time	Speed	Depth	Temp	Salinity	Surf	Temp	Salinity	Time	Notes
14	8/391	20.01.23	03:30	72° 49.43'	34° 17.05	126.8	9.9	3648	5375-3750	2	KP	0000	500	1	
"	"	"	04:00	50.51	33° 52.47	144.8	9.8	3681	"	"	"	"	"	"	
"	"	"	04:31	55.05	50.32	158.4	9.8	3646	"	"	"	"	"	"	
"	"	"	05:03	52.72	39.22	145.9	9.8	3614	"	"	"	"	"	"	
"	"	"	05:34	73° 04.57	25.03	132.4	9.8	3566	"	"	"	"	"	"	
"	"	"	06:00	04.39	15.05	133.4	9.5	3472	"	"	"	"	"	"	
"	"	"	06:21	05.85	05.23	69.3	9.5	3374	1000 - 3375	2	K-P	"	"	"	
"	"	"	06:30	05.43	04.05	70.4	9.7	3328	"	"	"	"	"	"	
"	"	"	06:58	02.58	32° 46.60	60.6	9.8	3390	375 - 3750	2	KP	"	"	"	
"	"	"	07:21	04.96	34.79	61.5	10.0	3392	000 - 3375	2	K-P	"	"	"	
"	"	"	07:26	04.93	32.09	61.4	10.0	3392	1000 - 3750	2	K-P	"	"	"	7:30 SW-P 2000-2775
"	"	"	07:40	00.26	25.16	61.0	9.9	3400	"	"	"	"	"	"	
"	"	"	08:00	21° 58.63	15.24	64.2	10.1	3430	"	"	"	"	"	"	
"	"	"	08:35	38.23	00.7	61.0	5.8	3425	"	"	"	"	"	"	
"	8/391	"	08:57	53.20	31° 57.93	54.0	4.2	3425	"	"	"	"	"	"	End of 8/391
"	"	"	09:30	53.88	57.82	57.8	5.2	3415	"	"	"	"	"	"	
"	8/392	"	09:40	53.48	53.23	71.8	5.4	3415	"	"	"	"	"	"	End of 8/392
"	"	"	09:55	53.26	44.27	34.4	5.4	3398	000 - 3750	3	K-P	"	"	"	
"	"	"	10:30	54.45	34.36	115.0	6.4	3273	"	"	"	"	"	"	
"	"	"	11:03	55.34	33.70	110.2	6.2	3228	"	"	"	"	"	"	
"	"	"	11:23	56.02	19.35	107.1	7.2	3200	0000 - 3750	2	KP	"	"	"	
"	"	"	11:50	57.02	11.06	114.0	5.2	3148	"	"	"	"	"	"	



7:30 SW-P 2000-2775

End of 8/391

End of 8/392

3670

End of 8/392

Δh 225  
3670

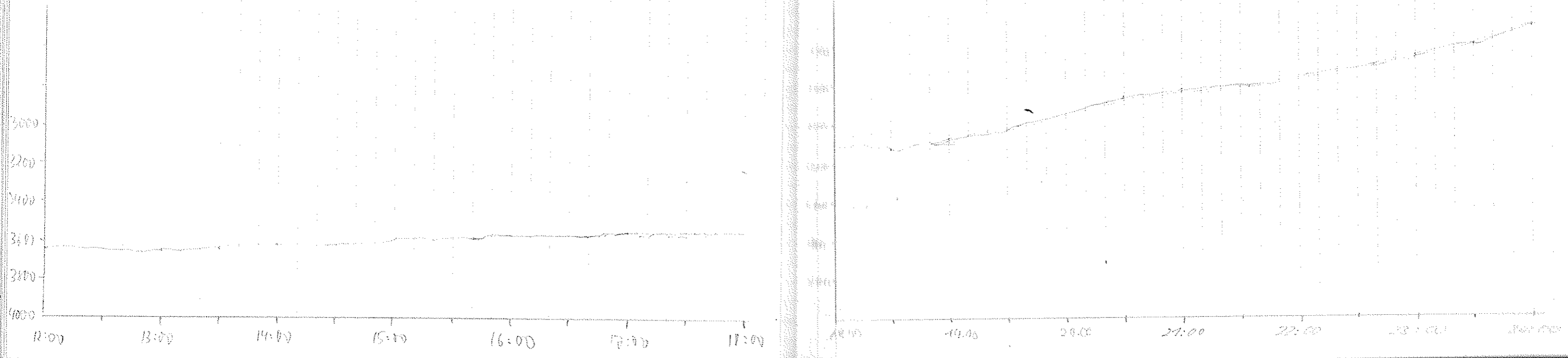
3200

Δh 449

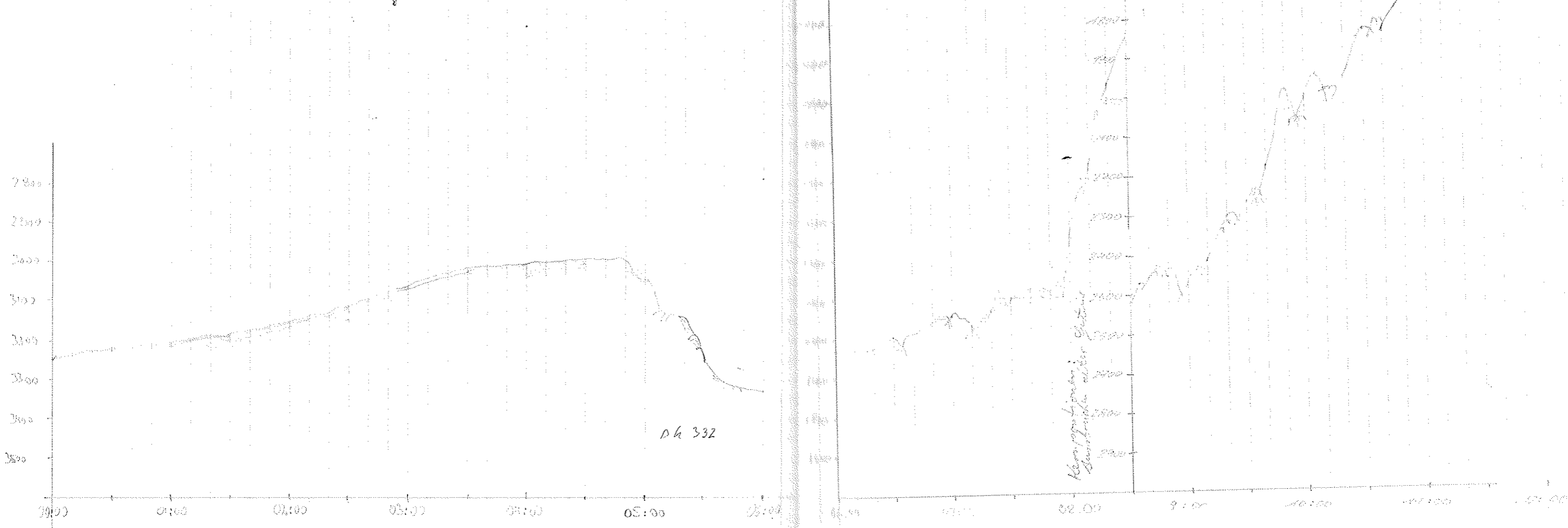
3649

Roller	0.10/11	Datum	Zeit	Lat S	Long W	Temp	Wind	2,44	Secid	Sweep	Triju	Delay	Scan	Pulor L.	Bemerkungen
14	8/7/12	20.01.86	12:05	32° 57.57	31° 05.31	114.4	5.4	3643	116 3250	2	KP	0900	500	1	
"	"	"	12:30	58.46	00.18	114.2	5.2	3647	"	"	"	"	"	"	
"	"	"	13:10	57.73	30° 52.38	114.5	5.5	3646	"	"	"	"	"	"	
"	"	"	13:32	01.18	43.31	117.0	5.4	3637	"	"	"	"	"	"	
"	"	"	14:00	02.22	35.88	115.7	5.3	3619	"	"	"	"	"	"	
17	"	"	14:26	03.39	24.33	117.5	5.4	3610	"	"	"	"	"	"	
18	"	"	14:37	03.25	25.51	117.3	5.2	3609	"	"	"	"	"	"	
"	"	"	15:00	04.77	19.61	119.1	5.1	3595	"	"	"	"	"	"	
"	"	"	15:40	06.24	08.69	115.2	5.2	3587	"	"	"	"	"	"	
"	"	"	16:00	07.01	03.22	114.1	5.3	3577	"	"	"	"	"	"	
"	"	"	16:39	08.47	29° 52.87	114.6	5.3	3577	"	"	"	"	"	"	
"	"	"	17:04	09.36	46.58	116.0	4.9	3559	"	"	"	"	"	"	
"	"	"	17:35	10.50	38.31	115.8	4.8	3560	"	"	"	"	"	"	
"	"	"	18:00	11.37	37.35	110.5	5.4	3542	"	"	"	"	"	"	
"	"	"	18:30	12.48	23.22	112.6	5.3	3559	"	"	"	"	"	"	
"	"	"	19:04	13.45	15.36	113.3	5.2	3538	"	"	"	"	"	"	
"	"	"	19:20	14.45	07.36	113.9	5.0	3511	"	"	"	"	"	"	
"	"	"	20:07	15.18	38° 53.03	110.0	5.4	3465	"	"	"	"	"	"	
"	"	"	20:35	16.78	49.88	111.9	5.5	3438	"	"	"	"	"	"	
"	"	"	21:00	17.68	42.80	114.7	5.4	3421	"	"	"	"	"	"	
"	"	"	21:36	18.35	32.54	113.7	5.2	3407	"	"	"	"	"	"	
"	"	"	21:43	19.73	30.00	111.7	5.5	3385	110 1075	5	K-P	"	"	"	
"	"	"	22:04	20.58	26.16	119.6	5.5	3376	"	"	"	"	"	"	
"	"	"	22:37	21.76	15.77	119.2	5.3	3341	"	"	"	"	"	"	
"	"	"	23:00	22.37	09.30	116.5	5.5	3328	"	"	"	"	"	"	
"	"	"	23:22	23.88	05.30	110.9	5.7	3305	"	"	"	"	"	"	

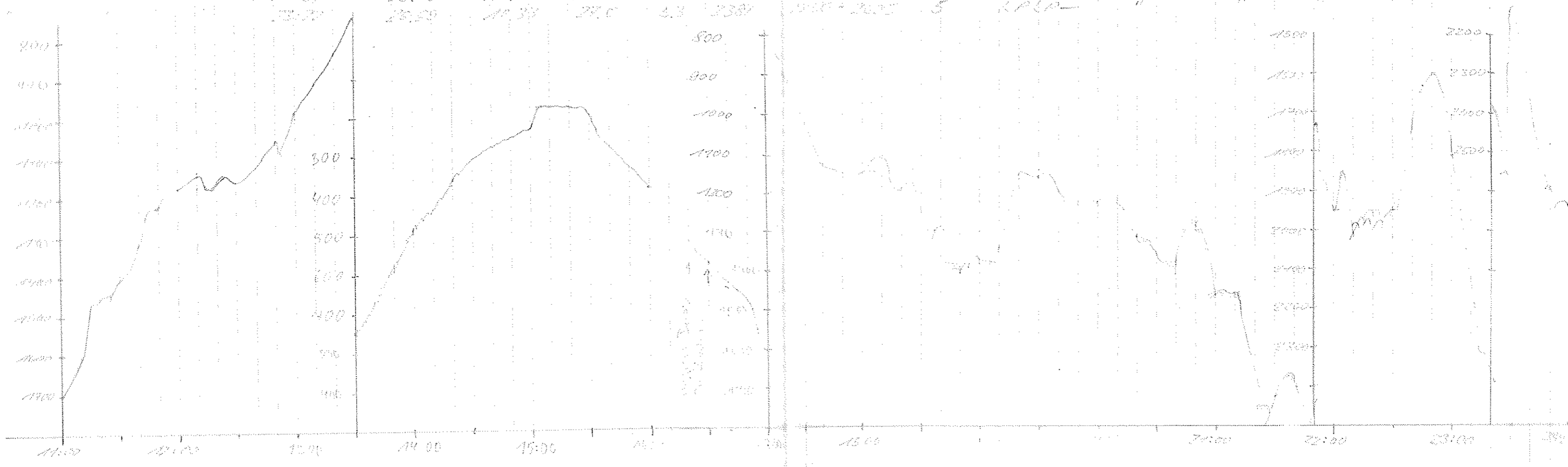
Pollen wasser /  
Beginn Rolle 1P



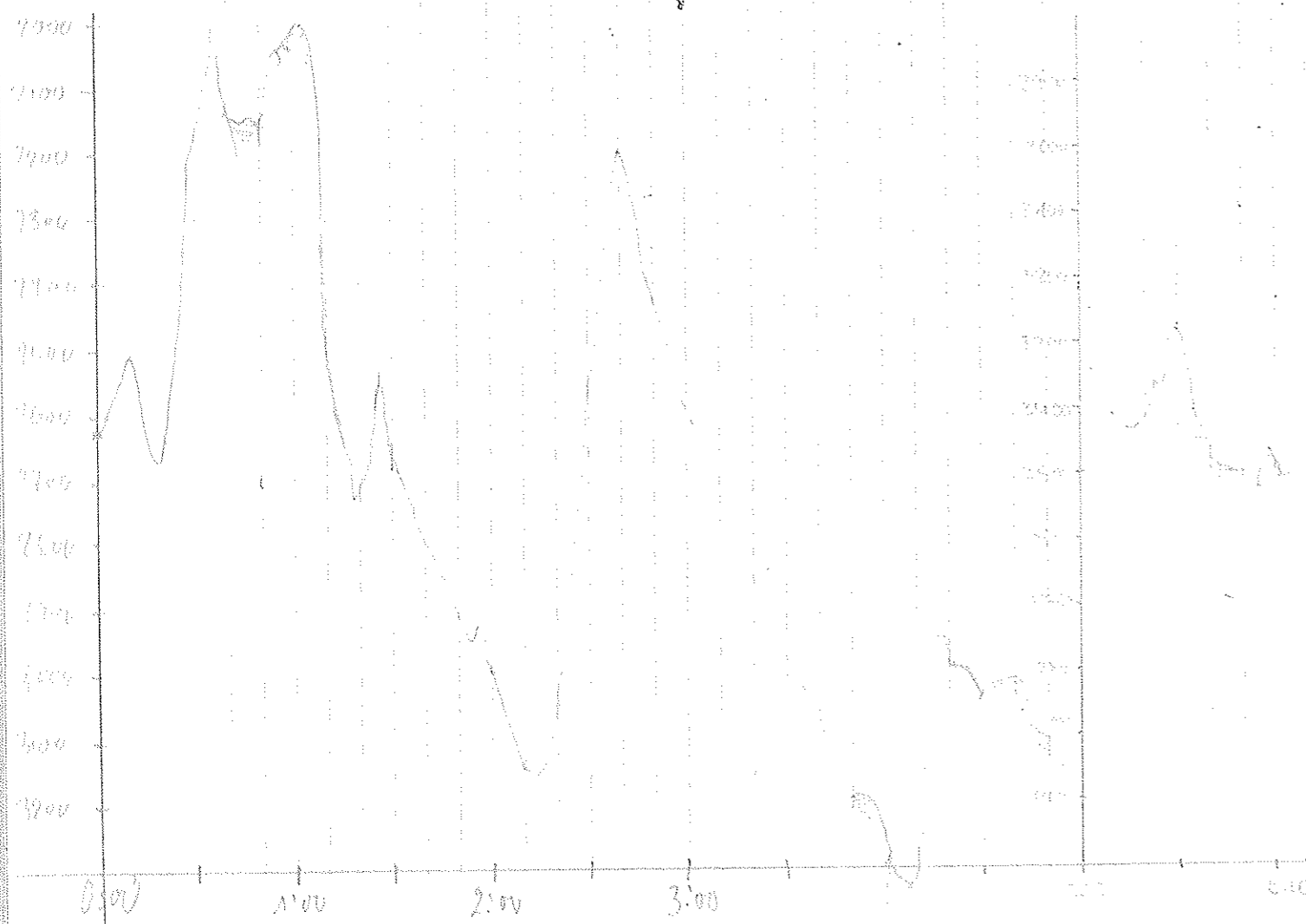
Roll	Profile	Date	Time	Lat S	Long W	Course	Speed	Depth	Range	Sweeps	Trigger	Delay	Scan	Pulse	Note
18	3/332	21.1.86	00:00	73°24'35"S	27°52'23"W	114.7	5.6	3263	10-3375	3	K-P	0000	500	1	
"	"	"	00:30	26.65	48.14	119.3	5.7	3230	"	"	"	"	"	"	
"	"	"	01:00	27.68	34.44	112.9	5.5	3215	"	"	"	"	"	"	
"	"	"	01:30	28.39	22.75	111.0	5.7	3188	"	"	"	"	"	"	
"	"	"	02:00	29.57	16.78	114.5	5.8	3155	"	"	"	"	"	"	
"	"	"	02:30	30.21	09.73	115.4	5.6	3115	"	"	"	"	"	"	
"	"	"	03:00	31.29	20°59'77"	115.9	5.1	3062	"	"	"	"	"	"	
"	"	"	03:30	32.40	51.29	114.4	5.4	3027	"	"	"	"	"	"	
"	"	"	03:59	33.50	41.77	114.0	5.7	3019	15-2000	2	K-P	"	"	"	
"	"	"	04:20	34.65	32.67	115.8	5.6	2996	"	"	"	"	"	"	
"	"	"	04:58	35.76	24.56	115.4	5.4	3049	10-3275	3	K-P	"	"	"	
"	"	"	05:30	37.02	15.60	116.1	5.4	3250	"	"	"	"	"	"	
"	"	"	06:01	38.20	07.35	115.0	5.3	3222	"	"	"	"	"	"	
"	"	"	06:31	39.20	20°59'23"	116.1	5.5	3222	"	"	"	"	"	"	
"	"	"	07:04	41.31	50.21	113.0	5.4	3242	"	"	"	"	"	"	
"	"	"	07:30	42.39	41.51	114.0	5.6	3207	"	"	"	"	"	"	
"	"	"	08:05	43.65	30.64	114.3	5.6	2976	45-500	2	K-P	"	"	"	
"	"	"	08:46	44.01	25.23	110.2	5.5	2878	70-300	5	KPK-P	"	"	"	
"	"	"	09:10	45.71	19.59	110.4	5.6	2819	"	"	"	"	"	"	
"	"	"	09:22	46.15	09.25	110.8	5.6	2798	40-2000	2	K-P	"	"	"	
"	"	"	09:49	46.33	05.45	113.4	5.7	2830	150-2000	5	KPK-P	"	"	"	
"	"	"	09:52	46.51	04.18	113.2	5.5	2848	40-2000	2	K-P	"	"	"	
"	"	"	10:00	47.34	20°56'41"	116.7	5.3	2927	"	"	"	"	"	"	
"	"	"	10:08	47.67	54.09	117.0	5.7	1955	100-1500	5	KPK-P	"	"	"	
"	"	"	10:40	47.87	52.53	117.2	5.7	1985	100-1500	2	K-P	"	"	"	
"	"	"	10:59	48.50	48.52	117.0	5.3	1828	100-1575	5	KPK-P	"	"	"	



Roll	Profile	Date	Time	Lat S	Long W	Course	Speed	Depth	Range	Sweeps	Trigger	Depth	Secm	Atsol.	Note
18	R/332	21.1.85	11:41	73° 40.93	24° 37.20	114.9	5.1	160	1300-1875	5	KPK-P	0	520	1	
"	"	"	11:16	50.30	35.67	115.0	5.3	1453	1075-1500	2	KP	"	"	"	
"	"	"	11:40	56.39	28.00	115.0	5.6	1320	"	"	"	"	"	"	
"	"	"	11:04	52.10	23.08	112.3	5.4	1177	"	"	"	"	"	"	
"	"	"	11:40	53.89	17.18	112.9	5.5	1120	750-1120	3	K-P	"	"	"	
"	"	"	12:06	54.59	03.60	112.2	5.4	984	"	"	"	"	"	"	
"	Trade W/312	"	13:29	55.40	23° 56.96	112.8	5.3	742	375-750	2	KP	"	"	"	Subsurface fish at 200m
"	Trade W/312	"	14:00	56.68	47.61	116.0	4.6	483	"	"	K-P	"	"	"	minimised Prof/Vergina
"	"	"	14:18	57.55	44.10	117.7	5.3	363	75-450	2	K-P	100	0	"	
"	"	"	15:00	74° 00.89	50.15	231.0	5.2	231	"	"	"	"	"	"	
"	"	"	15:30	00.14	54.77	290.9	5.0	299	"	"	"	"	"	"	
"	"	"	16:01	73° 58.87	24° 06.54	298.3	5.1	380	"	"	"	"	"	"	
"	"	"	16:30	57.79	05.34	26.2	5.3	578	315-390	2	KP	000	"	"	
"	08/343	"	16:46	56.61	03.02	28.5	5.3	672	"	"	"	"	"	"	Profile 08/343
"	"	"	16:54	56.05	24° 02.26	28.6	5.0	754	750-1185	3	K-P	"	"	"	
"	"	"	17:34	58.05	23° 56.26	27.2	5.1	1090	"	"	"	"	"	"	
"	"	"	17:40	52.85	23° 55.30	28.2	5.2	1137	1175-1500	2	KP	0	"	"	
"	"	"	18:07	58.42	52.20	27.1	5.3	1185	1170-1175	3	K-P	"	"	"	
"	"	"	18:17	59.69	50.41	26.6	5.1	1160	1185-1500	2	K-P	"	"	"	
"	"	"	18:32	48.03	48.05	25.5	5.2	1304	"	"	"	"	"	"	
"	"	"	19:00	46.25	41.14	26.0	5.0	1375	"	"	"	"	"	"	
"	"	"	19:31	41.42	40.44	26.2	5.4	1162	"	"	"	"	"	"	
"	"	"	20:05	44.00	36.45	25.7	5.0	1228	"	"	"	"	"	"	
"	"	"	20:31	39.63	23° 33.22	34.8	5.3	1354	"	"	"	"	"	"	
"	"	"	21:00	37.39	29.40	23.7	5.4	1176	"	"	"	"	"	"	
"	"	"	21:15	36.43	27.95	26.5	5.0	1586	1300-1875	5	KPK-P	"	"	"	
"	"	"	21:30	35.23	23° 24.34	30.4	4.9	1720	"	"	"	"	"	"	
"	"	"	21:01	32.83	18.70	21.7	4.8	1974	1875-2250	2	KP	"	"	"	
"	"	"	21:30	22.41	17.04	22.3	5.3	178	"	"	"	"	"	"	
"	"	"	22:41	30.08	15.65	35.8	5.4	1833	1300-1875	5	KPK-P	"	"	"	
"	"	"	23:07	28.15	10.22	24.8	4.2	1040	1375-2250	3	KP	"	"	"	
"	"	"	23:27	28.53	11.39	27.0	4.3	2387	1375-2250	5	KPK-P	"	"	"	



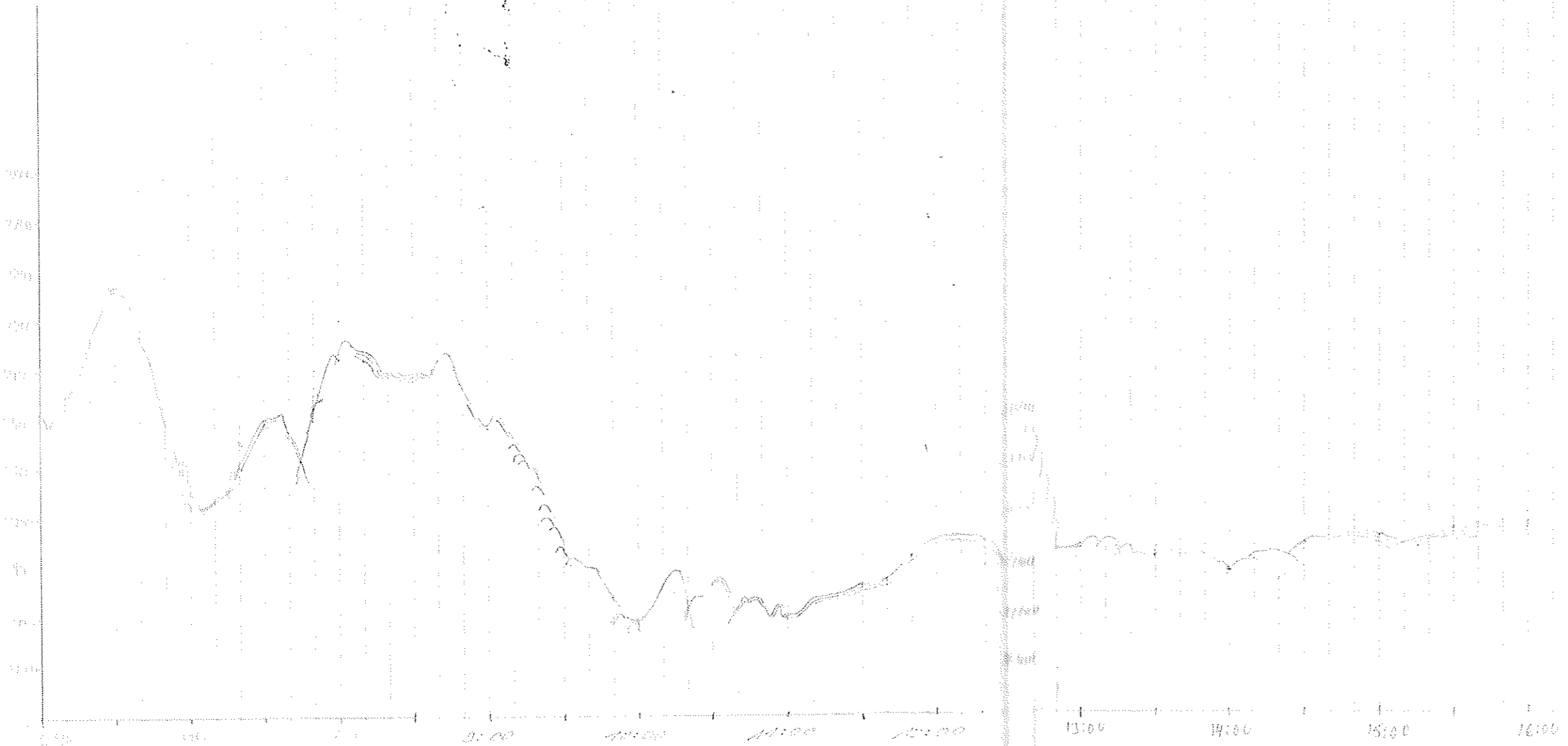
Roll	Profile	Date	Time	Lat S	Long W	Course	Speed	Depth	Range	Sweeps	Trigger	Delay	Scan	Pulse L.	Note
A	8/303	21 Oct 86	23:35	73° 25.39	28° 02.80	21.5	5.5	2104	1870-2250	2	KP	0	500	A	
			23:40	73.58	28.02	20.1	5.4	2480	2150-2475	5	VIEW-	0	"	"	
			0:15	72.72	2.54	20.2	5.6	2727	2625-3016	2	KP				
			10:25	72.52	1.4	20.9	5.7	2770	2750-2875	5	VIEW-				
			11:37	71.42	0.23	20.5	5.3	2210	2750-2875	7	KP				
			11:58	70.52	98° 52.63	93.8	5.7	2334	2750-2875	5	KPKP				
			11:19	70.01	41.68	49.0	6.1	2749	2750-2875	12	KP				
			11:27	70.42	42.89	47.6	5.6	2632	2750-2875	5	VIEW-				
			11:30	70.23	43.02	42.8	5.7	2533	2750-2875	2	VIEW-				
			2:00	71.20	01.91	47.8	5.7	2006	2750-2875	3	KP				
			2:25	72.05	38.46	19.6	6.1	2501	2750-2875	2	KP				
			2:35	71.39	33.33	18.2	5.7	2530	2750-2875	6	KPKP				
			2:44	70.46	36.43	16.1	5.7	2404	2750-2875	2	KP				
			2:47	70.03	34.02	18.4	5.6	2353	2750-2875	15	VIEW-				
			3:03	69.62	35.8	19.2	5.2	2442	2750-2875	2	KP				
			3:13	70.12	30.22	21.3	5.3	2086	2750-2875	3	K-P				
			3:29	70.10	23.64	20.4	5.4	2015	2750-2875	7	KP				
			4:38	71.15	22.05	20.8	5.3	2002	2750-2875	7	VIEW-				
			14:40	69.55	74.74	22.4	5.2	2015	2750-2875	7	KP				
			15:10	72° 58.04	24.76	20.2	5.6	2108	2750-2875	0	KP				
			5:22	71.16	19.94	24.9	5.4	2073	2750-2875	2	K-P				
			5:34	70.25	20.67	26.9	5.7	2102	2750-2875	2	KP				
			5:55	69.42	06.32	20.0	5.0	2474	2750-2875	1	KP				



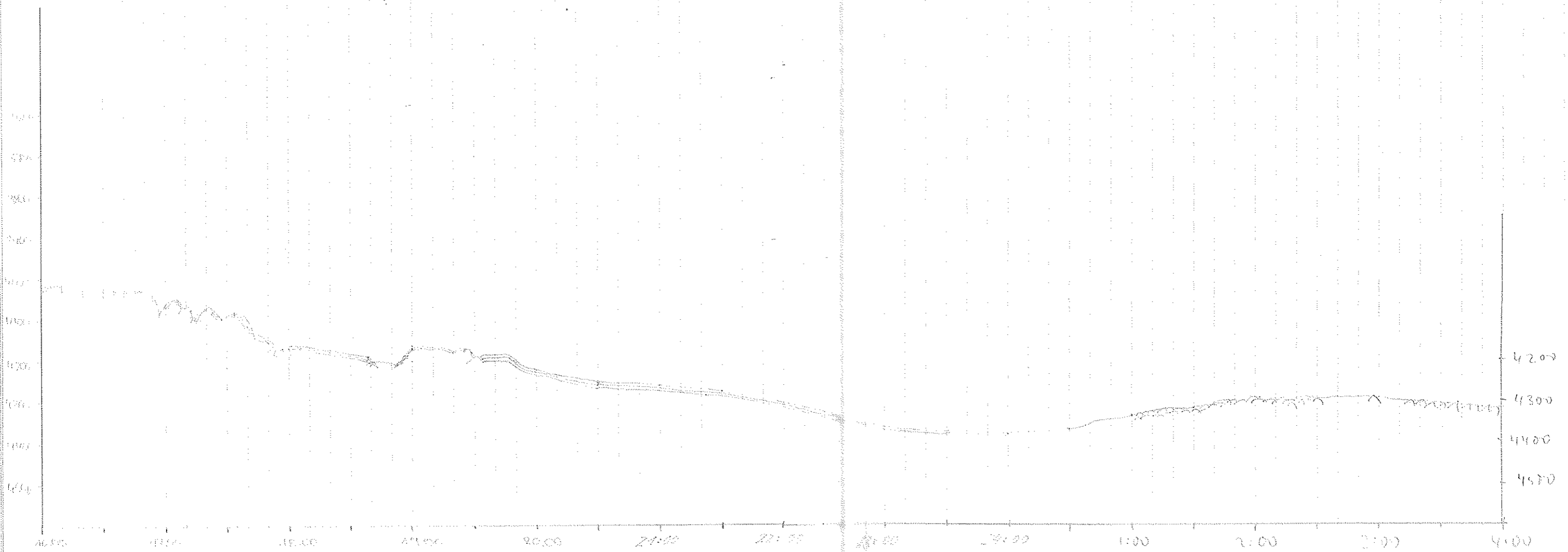
14.02 201 2.7 3

Rel	Profile	Date	Time	Lat. S	Lon. W	Course	Spd	Depth	Range	Sweeps	Trig	Wave	msc	pulse	Net
18	2/292	20.01.86	6:19	72° 52.04	24° 08.92	48.2	5.6	3335	300-3315	3	K-T	6000	500	10	
	"	"	6:31	72.57	24.09	38.1	5.8	2571							
	"	"	6:49	72.99	24.11	29.9	6.0	2331	3275-3725	2	K-P				
	"	"	7:00	73.11	24.20	37.0	5.6	3585							
	"	"	7:30	73.92	24.92	27.2	5.8	3500							
	"	"	8:00	74.35	24.94	19.4	5.9	3245	2000-3375	2	K-P				
	"	"	8:48	74.58	24.97	8.5	5.6	3421	3275-3450	2	K-P	"	"	"	
	"	"	8:44	74.41	24.10	22.2	5.5	3377	3000-3375	3	K-P	"	"	"	
	"	"	8:53	74.74	24.20	24.1	5.6	3421	3275-3450	2	K-P	"	"	"	
	"	"	9:20	74.75	24.84	27.0	5.8	3614	"	"	"	"	"	"	
	"	"	9:32	74.51	24.93	355.0	5.8	3405	3750-4125	3	K-P	"	"	"	
	"	"	10:45	74.72	24.92	339.7	6.3	3845	"	"	"	"	"	"	
	"	"	10:54	74.74	24.92	209.9	5.9	3587	"	"	"	"	"	"	
	"	"	11:03	74.93	24.93	312.8	6.0	3790	"	"	"	"	"	"	
19	"	"	11:13	74.87	24.92	333.5	5.9	3307	"	"	"	"	"	"	
	"	"	11:50	74.87	24.92	31.4	5.7	3772	3275-3750	2	K-P	"	"	"	
	"	"	12:28	74.89	24.87	35.5	5.5	3834	4150-4125	3	K-P	"	"	"	
	"	"	13:00	74.93	24.05	37.2	5.9	4060	"	"	"	"	"	"	
	"	"	13:30	74.14	24.35	36.7	5.6	4085	"	"	"	"	"	"	
	"	"	14:00	74.78	24.65	34.9	5.5	4117	"	"	"	"	"	"	
	"	"	14:31	74.50	24.57	35.3	5.5	4060	"	"	"	"	"	"	
	"	"	15:02	74.77	24.24	35.5	5.4	4048	"	"	"	"	"	"	
	"	"	15:30	74.19	24.73	34.3	5.6	4077	"	"	"	"	"	"	
	"	"	15:55	74.93	24.40	36.6	5.6	4077	"	"	"	"	"	"	

Roller u. Bolt gewechselt  
Stapel Rollen #13



Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Range	Swaps	Trigger	misc Delay	misc Scan	pulse length	Note
19	E/393	22.1.86	16:35	72° 03.45	24° 05.68	33.4	5.5	4030	3750-4125	3	KP	0000	500	1	
			17:02	04.47	04.27	34.2	5.4	4064							
			17:31	58.24	20° 59.22	346.14	5.6	4086							
			17:58	35.24	57.24	20.5	5.3	4070	4125-4500	2	KP				
			18:29	53.26	53.74	72.6	5.4	4191	"	"	"				
			19:00	54.70	50.90	29.9	5.4	4169	"	"	"				
			19:32	49.16	46.79	14.2	5.3	4196	"	"	"				
			20:00	46.54	46.43	345.4	5.7	4212	"	"	"				
"	"	"	20:30	43.20	46.43	10.0	5.3	4255	"	"	"				
"	"	"	21:00	44.74	44.73	32.0	5.1	4235	"	"	"				
"	"	"	21:30	39.70	38.45	10.5	5.2	4270	"	"	"				
"	"	"	22:02	37.85	29.83	47.7	5.4	4318	"	"	"				
"	"	"	22:30	36.48	29.42	52.7	5.3	4344	"	"	"				
"	"	"	23:00	24.88	18.06	46.5	6.2	4360	"	"	"				
"	"	"	23:37	33.07	14.96	42.0	5.1	4370	"	"	"				
"	"	"	24:00	34.44	05.39	24.8	5.2	4387	"	"	"				
"	23.1.86		0:30	32.04	19° 58.51	114.4	5.3	4365	"	"	"				
"	"		1:00	32.83	50.33	101.6	5.2	4339	"	"	"				
"	"		1:31	33.35	41.47	106.4	5.6	4313	"	"	"				
"	"		2:00	33.74	33.64	88.4	5.1	4291	"	"	"				
"	"		2:30	32.71	26.07	62.0	5.6	4289	"	"	"				
"	"		3:00	30.61	20.90	15.7	5.9	4292	"	"	"				
"	"		3:30	27.68	17.26	24.3	4.7	4305	"	"	"				
"	"		4:00	25.32	14.49	28.4	5.6	4331	"	"	"				

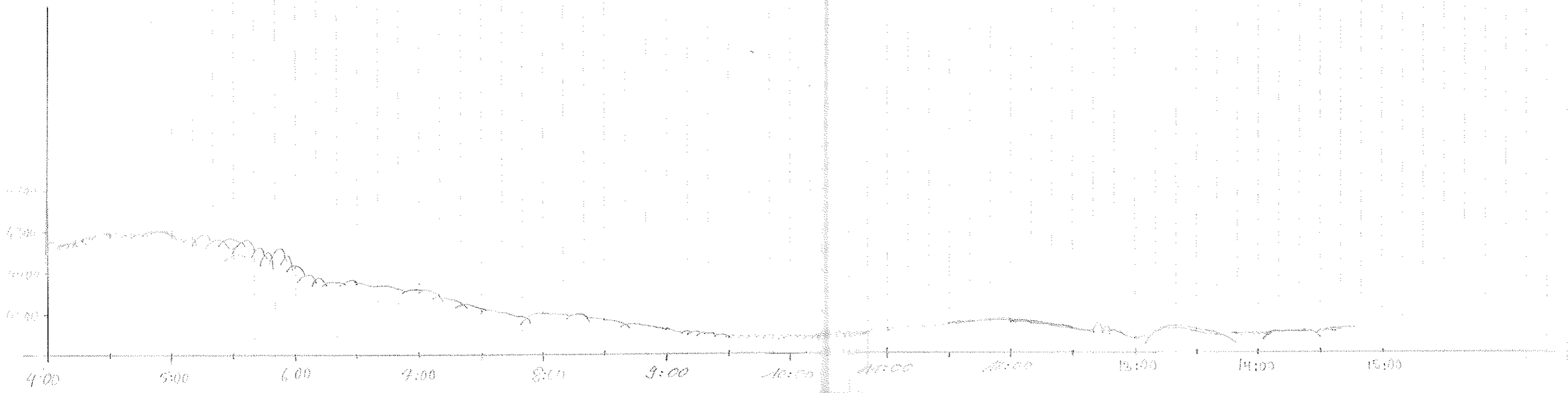




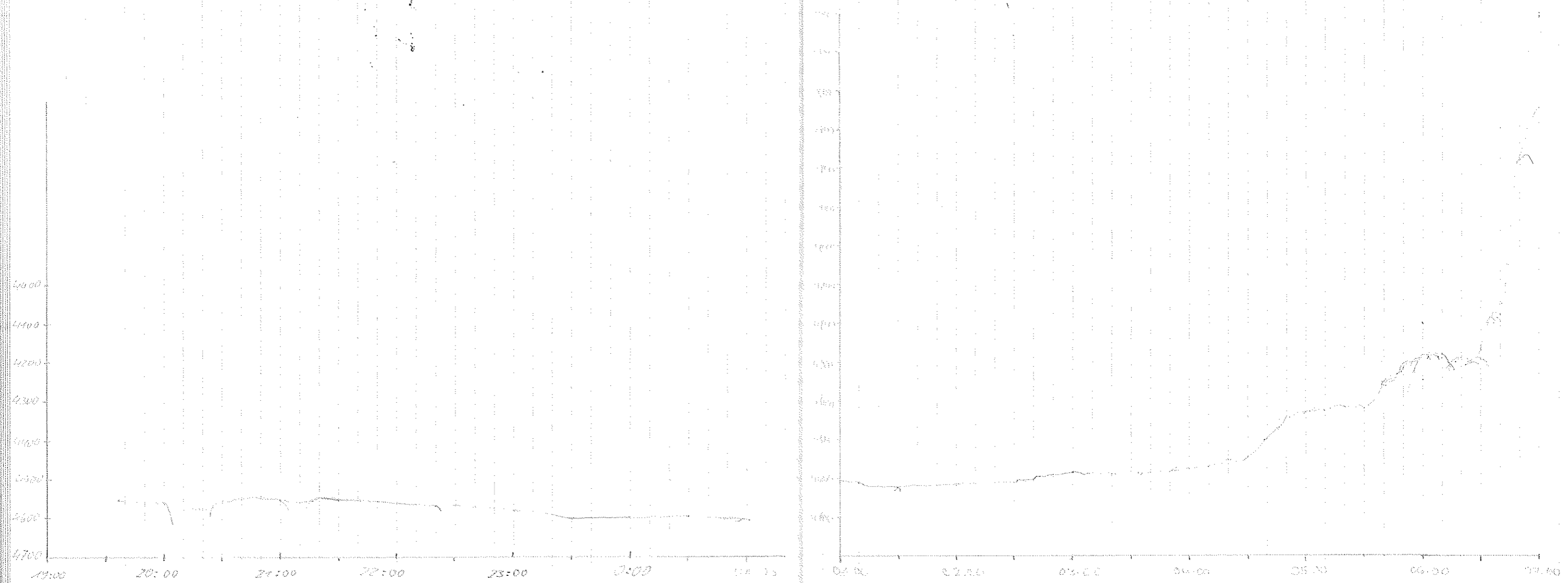
Roll	Profile	Date	Time	Lat S	Long W	Course	Speed	Depth	Depth Range	Sweeps	Trigger	msec Delay	msec Scan	Pulse Length	Note
19	08/393	23.1.86	4:30	71°22.93	18°40.09	27.9	5.7	4302	4125-4500	2	KP	0	500	1.	
"	"	"	5:00	71°20.40	18°08.62	9.6	5.2	4317	"	"	"	"	"	"	
"	"	"	5:30	71°19.38	18°06.80	48.2	5.3	4333	"	"	"	"	"	"	
"	"	"	6:04	71°14.36	18°04.23	79.6	5.6	4386	"	"	"	"	"	"	
"	"	"	6:30	71°12.06	18°02.02	32.2	5.3	4425	"	"	"	"	"	"	
"	"	"	7:00	71°09.95	18°54.46	39.5	5.2	4458	"	"	"	"	"	"	
"	"	"	7:30	71°09.44	18°52.27	40.4	5.3	4494	"	"	"	"	"	"	
"	"	"	8:08	05.52	45.39	48.8	5.0	4526	"	"	"	"	"	"	
"	"	"	8:32	04.02	40.50	45.5	5.1	4577	"	"	"	"	"	"	
"	"	"	8:34	03.72	39.57	44.7	5.1	4522	4125-4500	7	KP-K-P	"	"	"	
"	"	"	9:02	03.44	38.45	30.7	5.1	4480	"	"	"	"	"	"	
"	"	"	9:30	70°53.04	32.24	18.8	5.1	4573	"	"	"	"	"	"	
"	"	"	10:00	57.10	34.50	342.4	5.7	4583	"	"	"	"	"	"	
"	"	"	10:32	54.38	34.84	342.4	5.4	4662	"	"	"	"	"	"	
"	"	"	11:00	52.40	34.35	338.7	5.7	4645	"	"	"	"	"	"	
"	"	"	11:30	49.25	33.28	18.2	4.9	4535	"	"	"	"	"	"	
"	"	"	12:00	48.04	34.01	007.0	5.3	4536	"	"	"	"	"	"	
"	"	"	12:30	48.50	38.65	322.5	6.0	4541	"	"	"	"	"	"	
"	"	"	13:00	43.49	43.98	325.2	5.8	4571	"	"	"	"	"	"	
"	"	"	13:45	43.03	44.96	325.2	5.8	4571	"	"	"	"	"	"	
"	"	"	13:30	41.81	48.12	325.2	3.5	4565	"	"	"	"	"	"	
"	"	"	14:00	40.70	45.35	287.8	1.8	4566	"	"	"	"	"	"	
"	Station made	"	14:30	40.99	49.36	737.3	5.0	4569	"	"	"	"	"	"	
"	"	"	14:44	44.05	42.84	45.3	—	4530	"	"	"	"	"	"	
"	"	"	19:37	42.84	49.96	231.9	0.7	4545	"	"	"	"	"	"	

Profile Profile 8/393

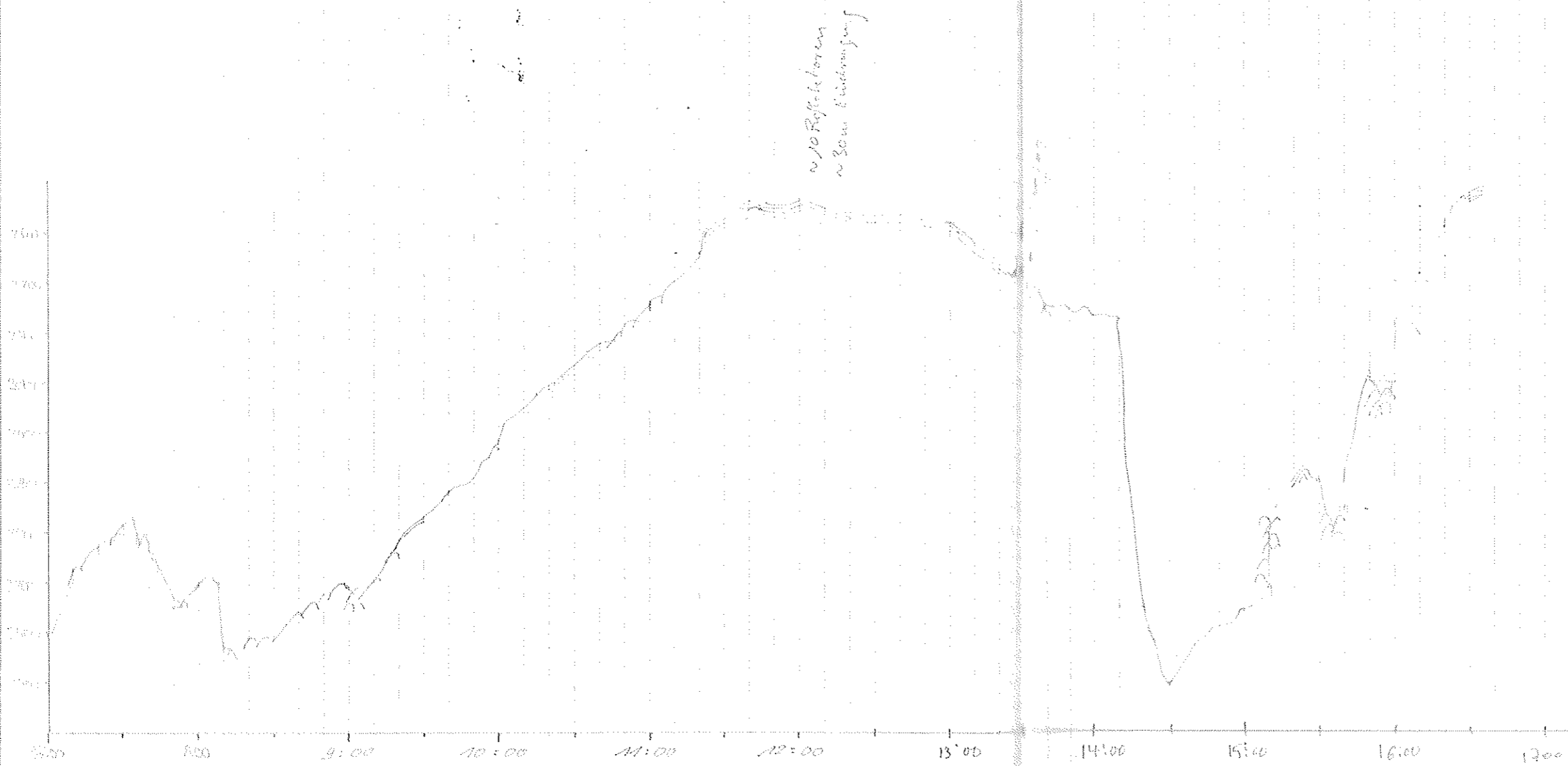
Station 8/394  
 Ends Station 8/394, Schinner's transect  
 level Channel 1 - station at 2 abative



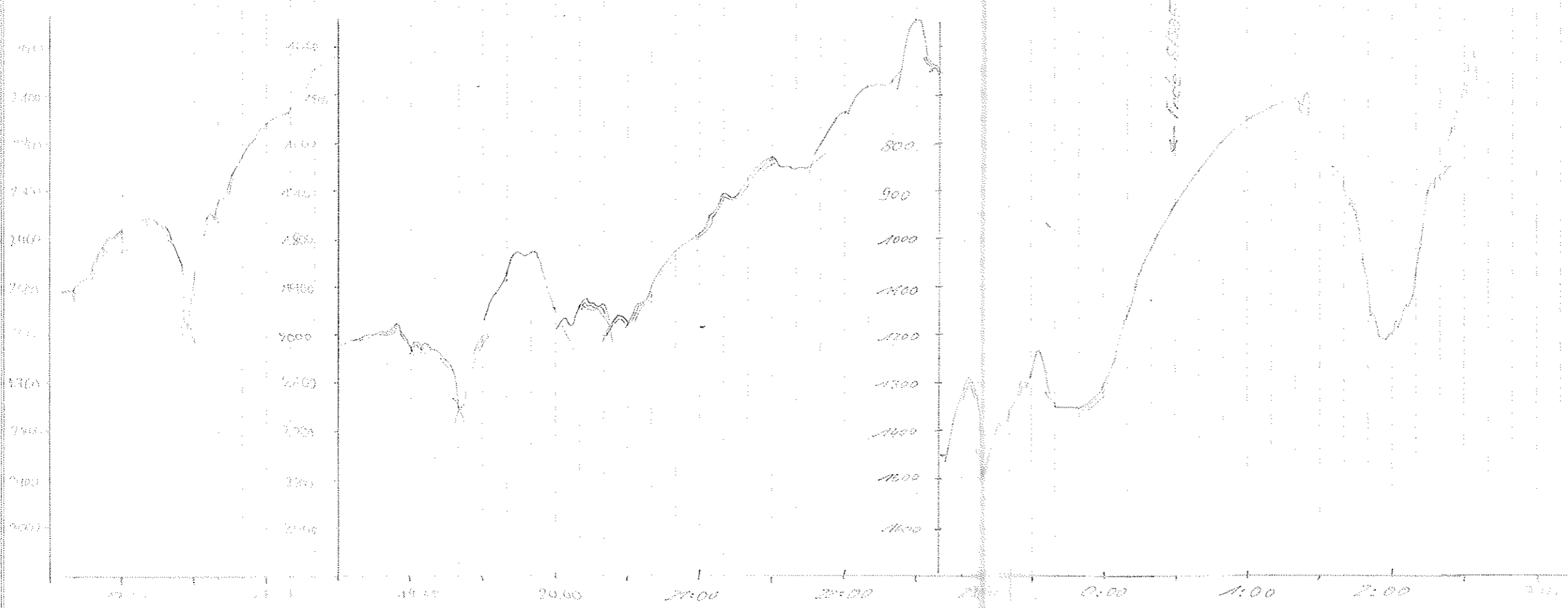
Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth Range	Sweep	Trigger	Initial Delay	Number	Gain	Note
19		26 Apr 66	20:06	70° 43.70	18° 46.06	195.2	3.8	4518	4500-4575	7	KP-K-P-	0	500	1	
"			20:30	44.15	44.73	99.2	4.2	4518	"	"	"	"	"	"	
"			21:00	44.18	36.94	98.8	2.5	4507	"	"	"	"	"	"	
"			21:30	44.24	29.71	98.2	3.5	4557	"	"	"	"	"	"	
"	R/S 315		21:55	44.33	25.80	98.0	2.3	4557	"	"	"	"	"	"	Blind Sound
"	"		22:29	44.43	19.5	98.3	2.5	4557	"	"	"	"	"	"	
"	"		23:00	44.53	06.17	98.8	3.4	4507	"	"	"	"	"	"	
"	"		23:30	45.02	17° 58.23	99.6	5.4	4537	"	"	"	"	"	"	
"			00:00	45.32	58.56	99.7	3.4	4507	"	"	"	"	"	"	
"	21 Apr 66		00:29	45.41	49.84	96.1	4.9	4593	"	"	"	"	"	"	
"			01:03	46.24	34.96	95.2	5.1	4603	"	"	"	"	"	"	
"			01:33	46.52	26.58	99.3	5.0	4512	"	"	"	"	"	"	
"			02:02	46.85	19.13	98.2	5.0	4619	"	"	"	"	"	"	
"			02:23	47.12	11.13	97.6	5.3	4609	"	"	"	"	"	"	
"			03:00	47.44	04.38	96.6	5.2	4588	"	"	"	"	"	"	
"			03:30	47.75	16° 56.27	96.9	5.3	4587	"	"	"	"	"	"	
"			04:00	48.00	48.30	98.6	5.4	4546	"	"	"	"	"	"	
"			04:37	48.46	38.19	94.3	5.2	4579	4425 - 4500	2	KP	"	"	"	
"			05:00	48.42	32.41	86.0	5.2	4435	"	"	"	"	"	"	
"			05:30	48.28	24.97	97.9	5.2	4441	"	"	"	"	"	"	
"			06:00	48.64	16.44	98.6	5.4	4295	"	"	"	"	"	"	
"			06:34	49.04	08.64	100.5	5.5	4355	"	"	"	"	"	"	
"			06:46	49.20	04.43	102.0	5.4	4400	4150 - 4185	3	KP	"	"	"	
"			06:50	49.37	02.77	102.7	5.3	4274	3750 - 3750	2	KP	"	"	"	



Roll	Profile	Date	Time	Lat E	Lon W	Course	Speed	Depth	Depth Range	Swag	Trawl	Water	Water	Water	Note
17	8/30	24.1.86	7:00	70° 49.73'	16° 00.59'	117.0	5.6	3403	3000-3375	3	K-P	0600	500		
"	"	"	7:30	54.26	16° 52.95'	116.5	5.6	3415	"	"	"	"	"	"	
"	"	"	7:58	54.54	46.55	117.0	5.7	3375	"	"	"	"	"	"	
"	"	"	8:27	54.20	42.56	117.5	5.3	3385	3375-3450	2	K-P	"	"	"	
"	"	"	8:56	54.28	38.25	118.4	5.3	3387	3000-3375	3	K-P	"	"	"	
"	"	"	9:07	54.03	33.73	118.7	5.2	3384	"	"	"	"	"	"	
"	"	"	9:30	53.77	29.25	118.9	5.4	3471	"	"	"	"	"	"	
"	"	"	10:04	53.77	23.24	118.6	5.5	3025	"	"	"	"	"	"	
"	"	"	10:25	54.34	18.47	118.5	5.4	2994	3375-3450	2	K-P	"	"	"	
"	"	"	10:34	54.44	13.65	118.5	5.7	2837	"	"	"	"	"	"	
"	"	"	11:00	48.06	15° 00.03'	118.6	5.4	2740	"	"	"	"	"	"	
"	"	"	11:24	42.19	11° 57.65'	118.8	5.5	2640	2625-2700	5	K-P	"	"	"	
"	"	"	11:57	46.57	7.22	118.5	5.5	2535	"	"	"	"	"	"	
"	"	"	13:06	44.84	30.08	118.3	5.8	2502	"	"	"	"	"	"	
"	"	"	13:22	44.57	25.64	117.7	6.7	2621	2775-3000	2	K-P	"	"	"	
"	"	"	14:16	44.27	19.04	117.7	6.3	3249	3000-3375	3	K-P	"	"	"	
"	"	"	14:27	44.28	9.35	118.5	5.2	3301	3345-3760	2	K-P	"	"	"	
"	"	"	14:42	44.87	6.07	119.4	5.1	3393	3000-3375	3	K-P	"	"	"	
"	"	"	15:19	45.35	13° 57.16'	119.3	5.3	3096	2775-3000	2	K-P	"	"	"	
"	"	"	15:24	46.12	8.23	119.2	5.3	3123	3000-3375	3	K-P	"	"	"	
"	"	"	15:37	46.34	52.54	119.6	4.2	2975	2775-3000	2	K-P	"	"	"	
"	"	"	16:02	47.20	46.34	119.7	5.7	2727	"	"	"	"	"	"	
"	"	"	16:20	47.96	41.74	119.2	5.4	2546	2625-2700	5	K-P	"	"	"	



Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Dpth	Dpth-Range	Surf	Trig	more	more	pulse	note
20	2/395	24.1.86	16:25	78° 49.34	13° 39.49	144.4	5.7	2102	2250 - 2625	5	KPKP-	OSC	500	1	
			17:00	50.31	39.77	144.4	5.2	2300							
			17:34	51.64	25.04	108.64	5.7	2352							
			18:47	51.92	21.47	104.6	5.8	2257	1875 - 2250	2	KP				
			18:53	52.30	17.08	105.6	5.6	2454							
			18:33	54.40	14.76	139.5	5.6	2070							
			19:04	56.20	06.02	127.9	5.2	2079							
			19:34	57.03	12° 57.92	105.5	5.6	1978							
			19:40	57.16	56.33	104.9	5.5	1882	2350 - 2625	5	KPK-P				
"	"	"	20:00	57.55	50.74	99.4	5.7	1944	2150 - 2450	2	KP				
"	"	"	20:30	58.32	43.24	110.2	3.2	1832							
"	"	"	20:44	58.81	39.55	123.7	5.6	1874	1600 - 1875	5	KPK-P-				
"	"	"	21:15	59° 00.92	32.42	129.8	5.5	1744							
"	"	"	22:09	00.19	27.30	125.0	5.2	1486	1425 - 1500	2	KP				
"	"	"	22:39	00.70	15.05	73.8	4.2	1455							
"	"	"	23:07	00.94	08.45	63.2	4.8	1435							
"	"	"	23:53	02.55	22.25	75.2	4.7	1339							
"	"	25.1.86	01:00	03.22	14° 53.25	70.4	4.8	1362							
"	"	"	01:27	04.29	51.47	73.8	4.9	1137	110 - 1125	3	K-P				
"	2/395	"	01:30	04.09	49.74	72.4	4.8	1052							End of sample!
"	"	"	01:00	04.16	44.72	160.4	4.4	744	725 - 750	2	KP				
"	"	"	01:36	02.48	51.32	74.3	4.3	852	110 - 1125	3	K-P				
"	"	"	01:55	04.20	59.88	73.4	4.4	1175	1125 - 1500	2	KP				
"	"	"	02:08	06.24	12° 05.22	222.6	4.4	1104	110 - 1125	3	K-P				
"	"	"	02:26	08.47	12.01	707.0	2.4	710	75 - 750	2	K-P				



Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth - Range	Sweep	Trigger	Area Lake	Area Ocean	Pass Length	Note
20	-	29.01.86	2:33	71° 08.15'	12° 14.86'	230.7	8.3	629	375 - 750	2	KP	0000	500	1	
			2:52	04.47	24.64	237.9	8.5	710	300 - 675	2	P-	0400			
			3:07	10.20	24.79	218.3	8.3	747							
			3:10	10.93	32.82	267.7	8.6	815	150 - 325	2	P-	0300			
			3:44	14.13	42.29	258.2	8.1	877							
			4:02	12.46	48.76	226.7	8.1	870							
			4:31	15.74	52.65	240.7	8.1	742							
			5:00	17.23	02.30	210.3	8.2	710	75 - 450	2	P-	0100			
			5:25	14.57	24.34	229.7	8.7	732							
			5:46	20.44	23.97	223.3	8.9	822							
			5:58	25.04	25.34	253.7	7.5	837							
			6:46	20.16	26.28	284.6	0.5	238							
			7:00	17.54	29.77	309.9	10.1	234							
			7:26	14.43	33.25	324.4	8.1	423	375 - 750	2	KP	0000			Station 8/397, Stand By
			7:51	12.97	33.40	433.6	0.7	427							
			8:20	14.29	34.79	334.3	3.5	625							
			8:37	15.20	35.27	298.7	6.4	717	250 - 425	3	P-				
			8:52	15.27	32.87	342.3	12.5	327							
			11:32	10.93	37.09	236.2	0.8	1593	1325 - 1875	5	WTH	0000			Station 8/325
			15:16	09.54	33.72	276.4	0.4	1859							
			16:52	07.63	34.56	032.6	9.7	1801	1875 - 2250	2	KP	0020			Station 8/400
			17:05	08.37	36.37	046.8	9.7	1809	1500 - 1875	5	KPK-P	0000			
			17:08	07.94	28.23	046.8	9.9	1882	1875 - 2250	2	KP	0000			
			17:23	06.30	23.63	47.0	9.7	1849	1500 - 1875	5	KPK-P				
			17:31	05.34	20.94	47.4	9.6	1893	1875 - 2250	2	KP	0000			
			17:40	04.43	19.04	20.7	9.0	1863	1500 - 1875	5	KPK-P				
			17:45	03.93	17.64	69.7	2.1	1845	1875 - 1500	2	KP				
			18:07	02.08	11.53	20.4	0.9	1962	1875 - 2250						
			18:42	02.34	14.12	325.2	0.3	1939							
			19:42	02.32	14.51	47.7	0.9	1972							
			19:54	02.25	08.74	27.8	9.3	1928	1500 - 1875	5	KPK-P				
			20:30	01.35	12.25	87.2	3.8	1887							
			21:00	01.31	37.33	95.6	9.4	1774							
			21:32	01.04	24.54	85.0	3.8	1761							
			21:42						1875 - 1500	2	KP				

Aufklappen die C. Sch.  
Station 8/396, Stand By  
Ende Station 8/396

Station 8/397, Stand By

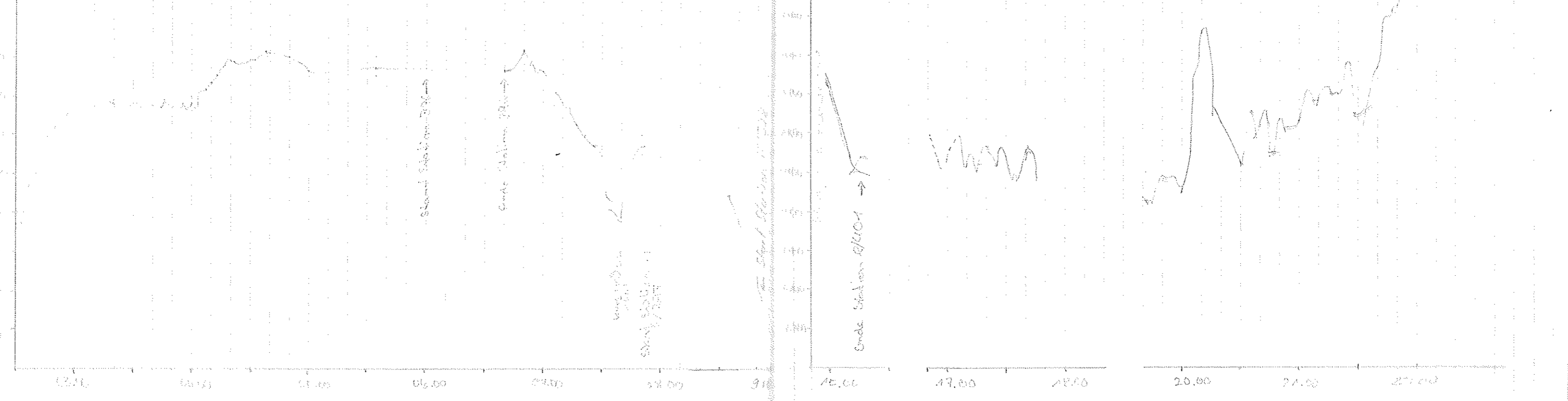
Station 8/325

Station 8/325  
Ziffeln/ Ende Station 8/400  
Stand Station 8/401

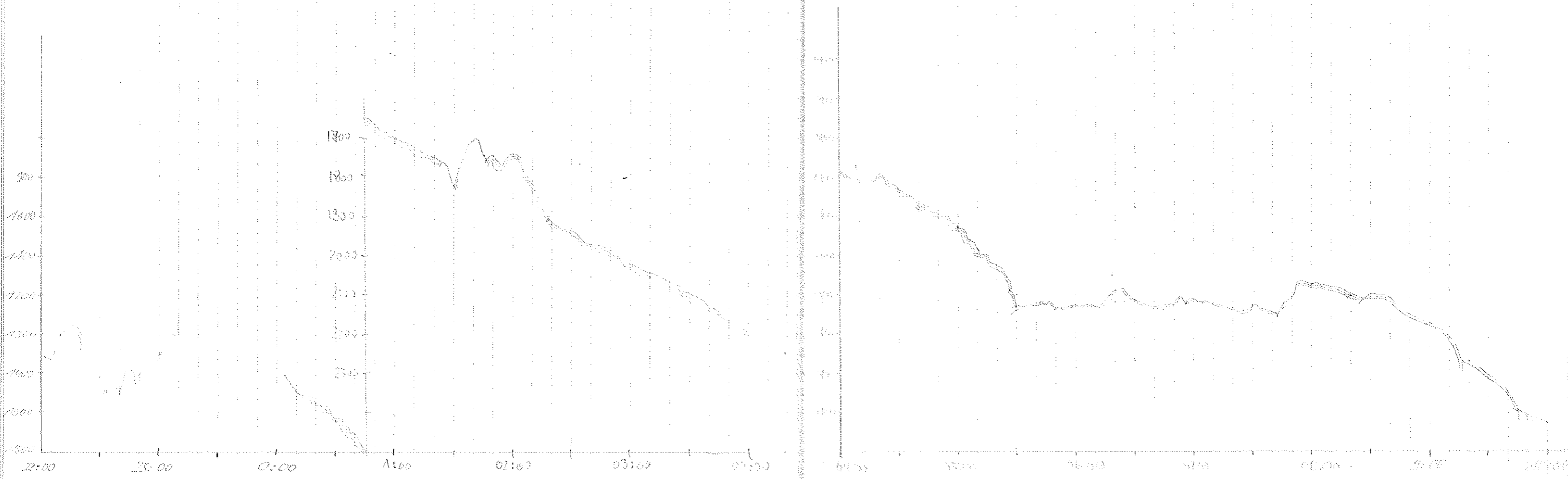
Springel im Carlsbrunn Station  
Mittwoch  
17:24 Uhr 5:40 P. Standby

Station 8/400

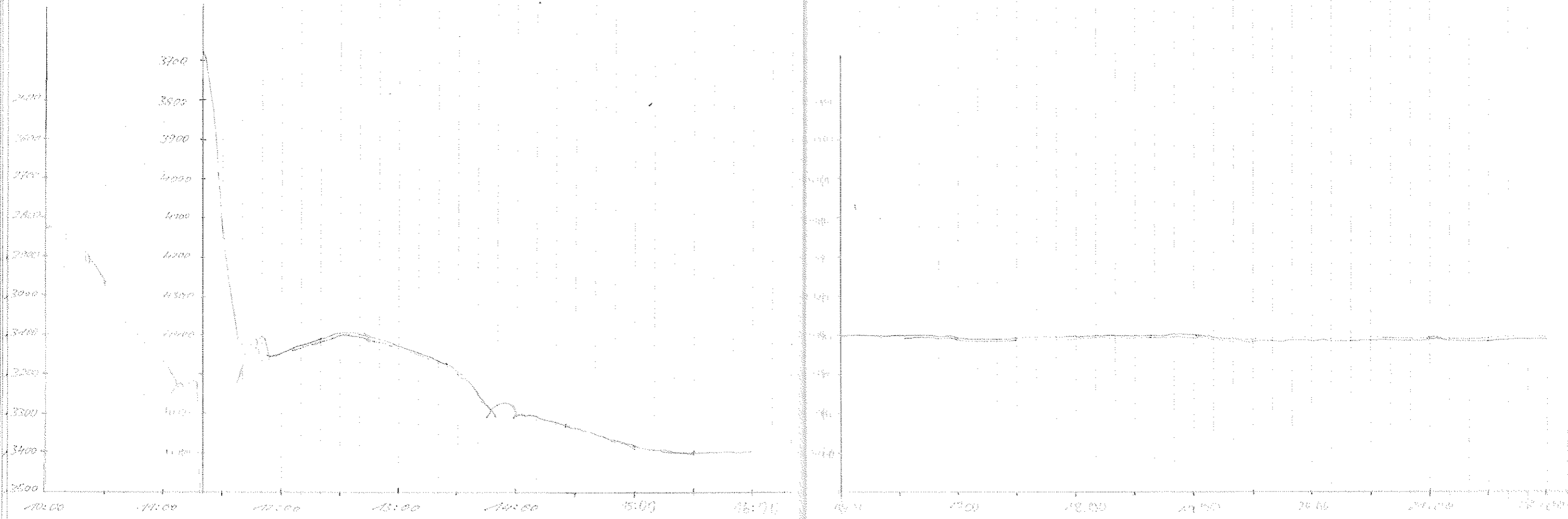
Trieb Station 8/100  
Stationen Seewerk



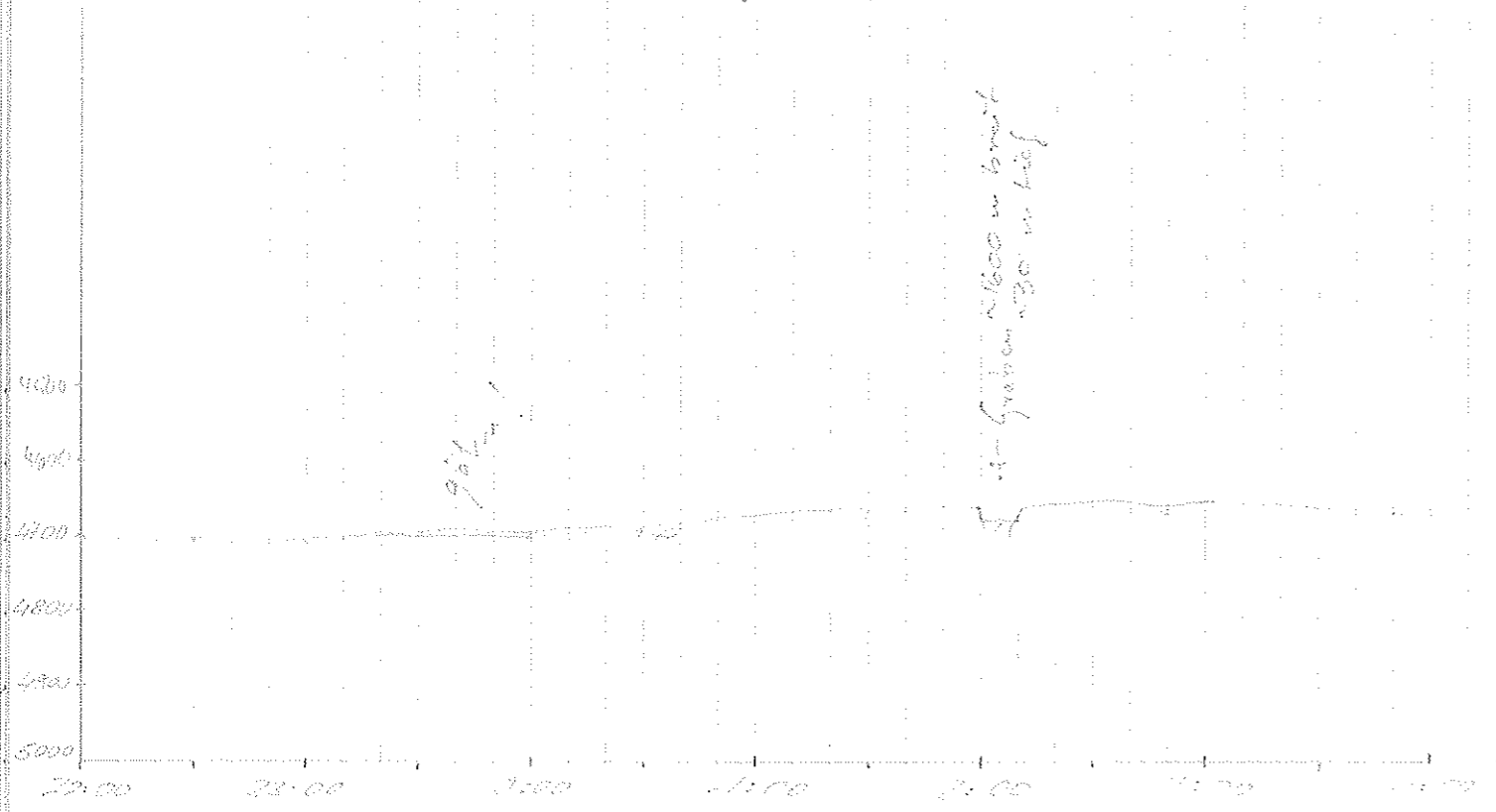
Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth-Range	Sweep	Trigger	0.1 sec Delay	0.1 sec zoom	Profile length	Note
20	-	26.1.86	22:00	71° 00.75	12° 02.34	80.1	7.6	1560	1465 - 1600	2	KP	-	500	1	
"	-	"	22:39	00.54	02.75	71.3	3.0	1493	"	"	"	"	"	"	
"	-	"	23:00	50.35	10° 56.57	86.6	2.6	1515	"	"	"	"	"	"	
"	-	"	23:25	20.38	10° 52.63	71.5	3.8	1490	"	"	"	"	"	"	
"	8/43	26.1.86	0:05	20° 52.30	10° 50.20	302.5	5.7	1420	"	"	"	"	"	"	Engels blockiert
"	"	"	0:22	56.40	12° 00.91	302.1	5.7	1513	1500 - 1875	5	KP-P	"	"	"	Start Seismik am 23:50
"	"	"	1:02	54.61	12° 02.81	311.4	5.3	1715	"	"	"	"	"	"	
"	"	"	1:32	52.98	14.48	302.5	5.6	1847	"	"	"	"	"	"	
"	"	"	2:00	51.42	21.19	304.6	5.5	1762	"	"	"	"	"	"	
"	"	"	2:30	51.00	27.10	304.7	5.2	1888	1815 - 2250	2	KP	"	"	"	
"	"	"	3:00	48.64	33.24	304.0	4.8	1852	"	"	"	"	"	"	
"	"	"	3:30	47.35	38.21	301.8	4.8	2086	"	"	"	"	"	"	
"	"	"	4:00	45.96	44.71	310.0	4.5	2194	"	"	"	"	"	"	
"	"	"	4:30	44.14	47.19	215.2	4.9	2230	"	"	"	"	"	"	
"	"	"	5:00	43.51	49.95	208.1	5.2	2276	2250 - 2625	5	KP-P	"	"	"	4.31 Ende Profil 8/402
"	"	"	5:00	42.26	54.02	206.7	5.0	2396	"	"	"	"	"	"	
"	8/404	"	5:30	41.72	13° 00.87	207.7	5.0	2523	"	"	"	"	"	"	6.35 Ende Profil 8/404
"	"	"	6:02	40.08	07.72	201.0	4.7	2524	"	"	"	"	"	"	
"	"	"	6:34	38.47	12.62	209.5	4.3	2514	"	"	"	"	"	"	
"	"	"	7:00	38.52	20.21	204.2	4.5	2503	"	"	"	"	"	"	
"	"	"	7:34	37.61	26.34	209.3	4.6	2527	"	"	"	"	"	"	
"	"	"	8:00	36.88	33.45	231.1	5.1	2477	"	"	"	"	"	"	
"	"	"	8:30	35.97	39.66	302.6	4.5	2505	"	"	"	"	"	"	
"	"	"	9:00	34.51	46.25	305.2	4.4	2573	"	"	"	"	"	"	
"	"	"	9:13	34.23	49.10	302.3	4.8	2642	2625 - 3000	2	KP	"	"	"	
"	"	"	9:32	33.76	52.74	302.3	4.8	2740	"	"	"	"	"	"	
"	"	"	10:00	32.82	57.82	300.5	4.6	2829	"	"	"	"	"	"	



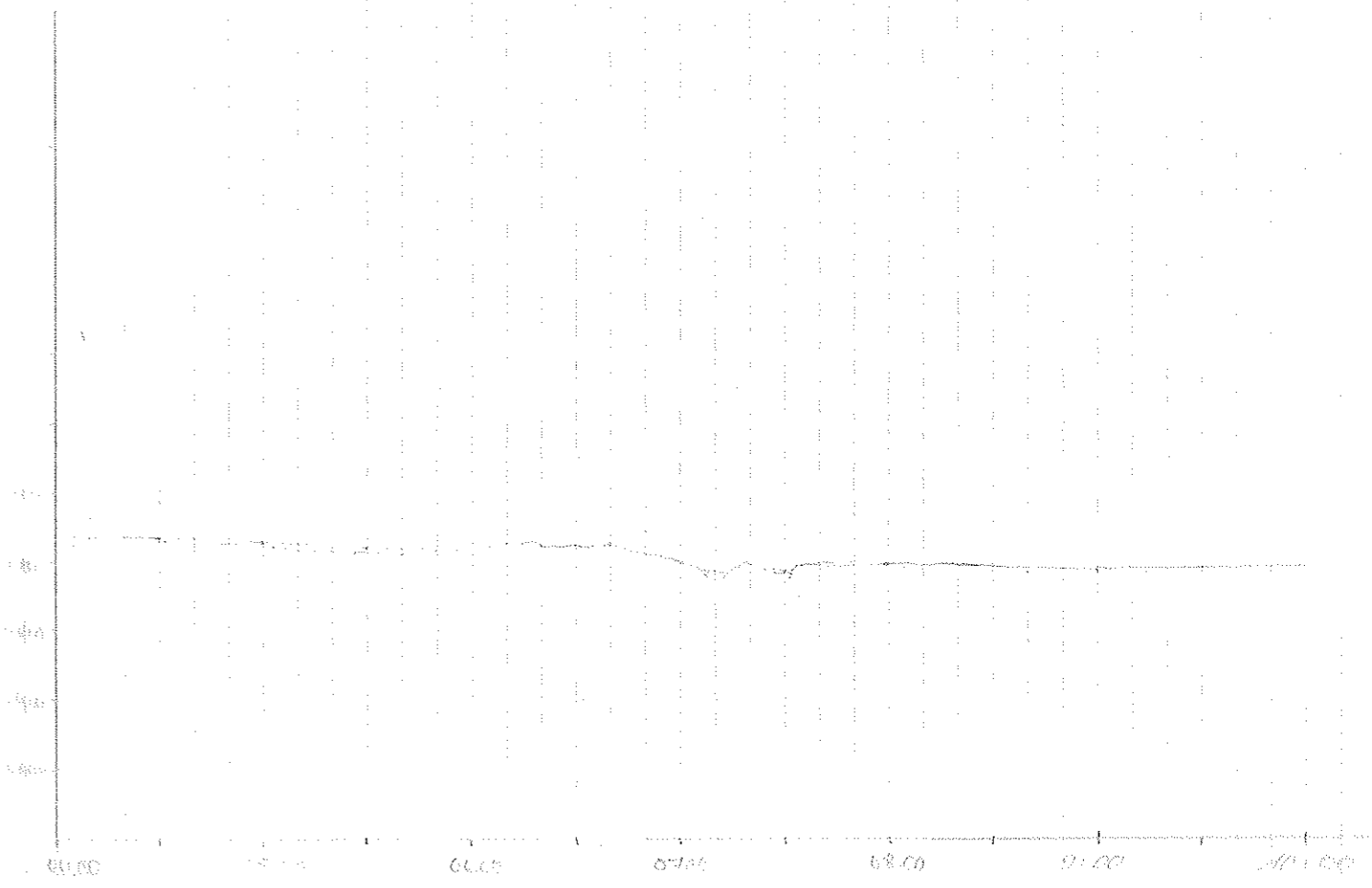
Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth-Range	Sweep	Tigger	m sec Delay	msec Scan	Pulse Length	Note
20	8/404	25.06.68	10:30	70° 31.84	14° 03.80	302.6	4.5	3000	100-3000	2	KP	0	500	20	
"	"	"	10:44	30.84	06.32	300.5	4.7	3031	100-3375	3	K-P	"	"	"	
"	"	"	10:40	29.67	11.55	302.7	4.4	3220	"	"	"	"	"	"	
"	"	"	10:35	70.96	10.04	302.3	4.5	3578	100-3375	2	KP	"	"	"	
"	"	"	11:34	20.58	16.77	303.7	4.5	4400	100-3000	3	KP	"	"	"	
"	"	"	11:40	20.77	16.32	344.0	4.3	4430	100-3000	2	KP	"	"	"	
"	"	"	12:20	26.41	23.33	309.0	4.7	4408	"	"	"	"	"	"	
"	"	"	12:45	25.23	28.16	304.0	4.8	4416	"	"	"	"	"	"	
"	"	"	13:25	22.94	35.12	308.6	5.1	4493	"	"	"	"	"	"	
"	"	"	13:46	24.96	33.23	303.1	5.1	4578	100-4875	4	KP-R-P	"	"	"	
"	"	"	14:25	20.93	46.50	303.6	4.8	4620	"	"	"	"	"	"	
"	"	"	15:02	19.16	53.88	299.2	4.3	4681	"	"	"	"	"	"	
"	"	"	15:30	18.03	59.35	304.6	4.5	4689	"	"	"	"	"	"	
"	"	"	16:00	16.64	10° 05.34	304.8	4.7	4702	"	"	"	"	"	"	
"	"	"	16:35	15.75	12.56	302.11	4.7	4702	"	"	"	"	"	"	
"	"	"	17:00	14.37	12.52	298.2	4.7	4705	"	"	"	"	"	"	
"	"	"	17:30	13.48	25.24	282.7	5.4	4708	"	"	"	"	"	"	
"	"	"	18:01	12.46	32.10	299.3	4.7	4702	"	"	"	"	"	"	
"	"	"	18:32	11.02	38.94	301.5	4.5	4704	"	"	"	"	"	"	
"	"	"	19:04	09.95	42.00	301.3	4.6	4703	"	"	"	"	"	"	
"	"	"	19:30	08.53	40.74	305.0	4.4	4717	"	"	"	"	"	"	
"	"	"	20:00	07.74	50.53	309.0	4.5	4711	"	"	"	"	"	"	
"	"	"	20:34	06.10	10° 00.32	309.5	4.3	4713	"	"	"	"	"	"	
"	"	"	21:00	05.15	05.80	302.5	4.9	4717	"	"	"	"	"	"	
"	"	"	21:32	03.80	11.53	309.2	4.3	4711	"	"	"	"	"	"	
"	"	"	22:00	02.55	15.36	293.5	3.9	4717	"	"	"	"	"	"	
"	"	"	22:34	00.97	31.84	308.0	4.3	4708	"	"	"	"	"	"	



Roll	Prof	Date	Time	Lat S	Long W	Course	Speed	Depth	Depth-Range	Sweep	Trigger	msec Delay	msec scans	pulse length	Note
20	8/404	26.7.86	28:40	63° 59.51	116° 28.35	305.9	4.8	4631	4500 - 4875	7	KP-K-P	0	500	1.1	
"	"	27.7.86	0:00	57.78	30.50	346.7	4.5	4650							
			0:120	- 01-30											
[21]	8/404	27.7.86	0:31	69° 55.88	16° 44.37	300.2	5.2	4698							Rokenwechel
			1:40	57.78	59.79	300.2	3.20	4675							
			3:05	56.73	17° 16.31	300.5	9.0	4660							
			4:00	46.37	27.42	298.1	5.2	4645							
			4:31	45.17	27.31	301.4	4.7	4667							
			5:02	43.06	27.19	302.2	4.7	4675							
			5:31	42.57	45.17	303.6	4.9	4678							
			6:04	41.02	57.42	306.1	4.8	4679							
			6:40	39.52	58.04	304.7	4.8	4668							
			7:06	38.38	18° 02.50	211.1	4.8	4704							
			7:30	37.23	07.20	204.7	4.9	4711							
"	"	"	8:03	35.79	18° 13.20	305.0	4.7	4703							
"	"	"	8:30	34.34	18° 11.46	307.7	4.2	4708							
"	"	"	9:04	32.80	18° 22.32	303.6	4.6	4719							
"	"	"	9:30	31.34	27.65	287.1	5.2	4717							
"	"	"	10:08	30.13	34.64	291.1	5.2	4716							
"	"	"	10:30	29.38	42.91	291.5	5.0	4733							

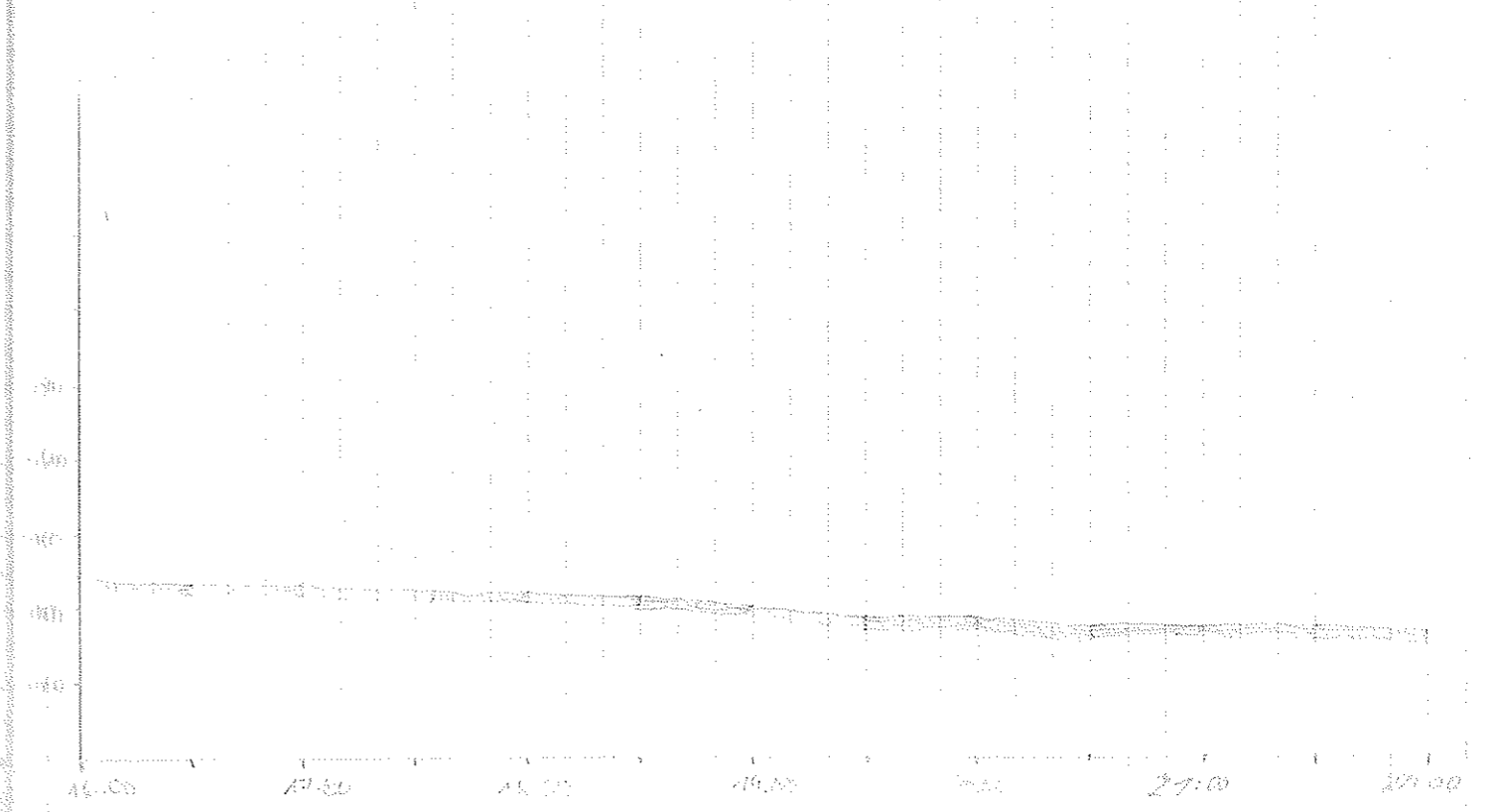
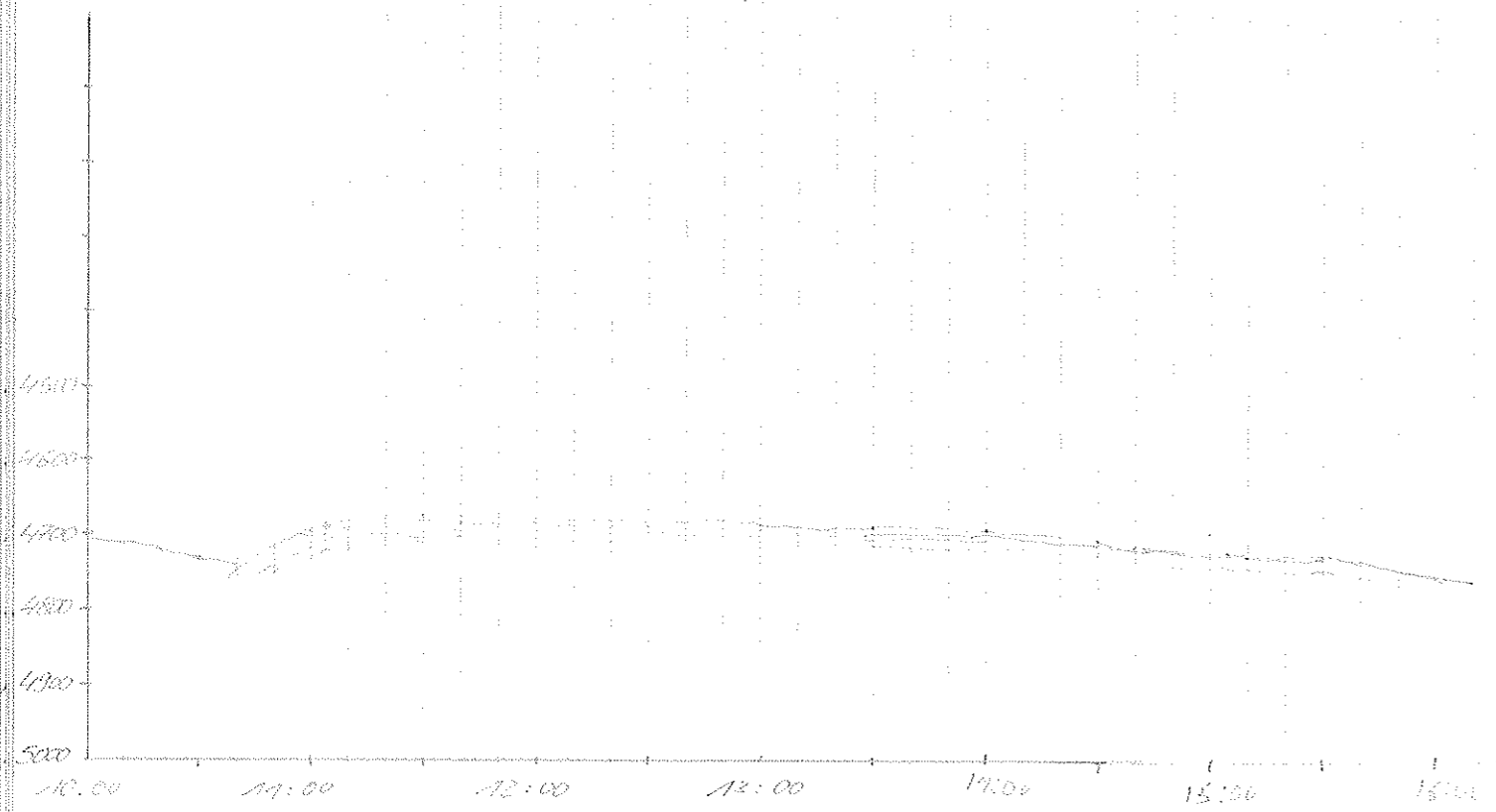


Graben 1/600 m breit  
30 m tief

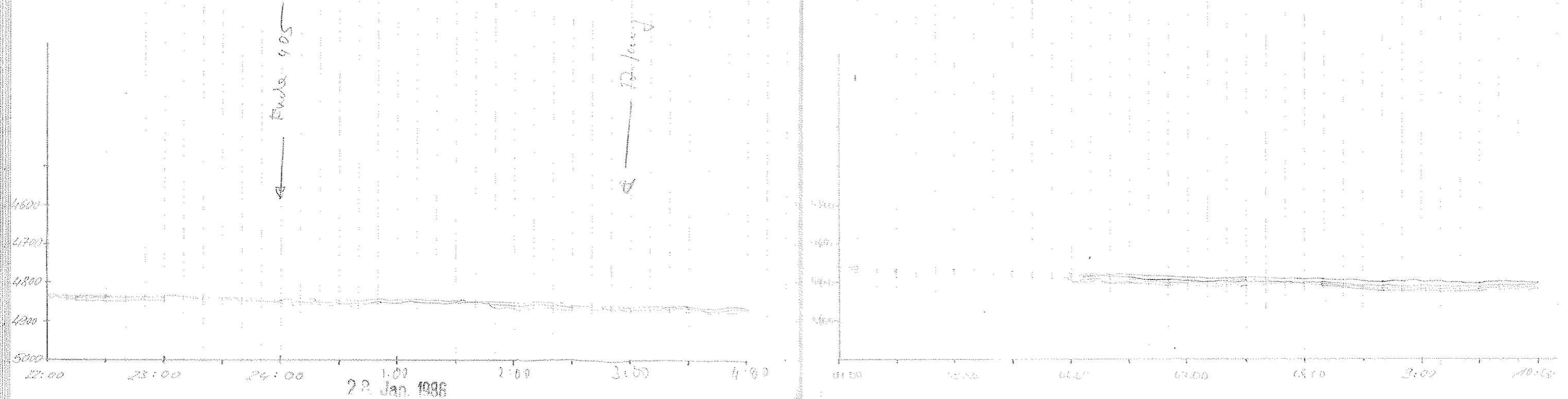




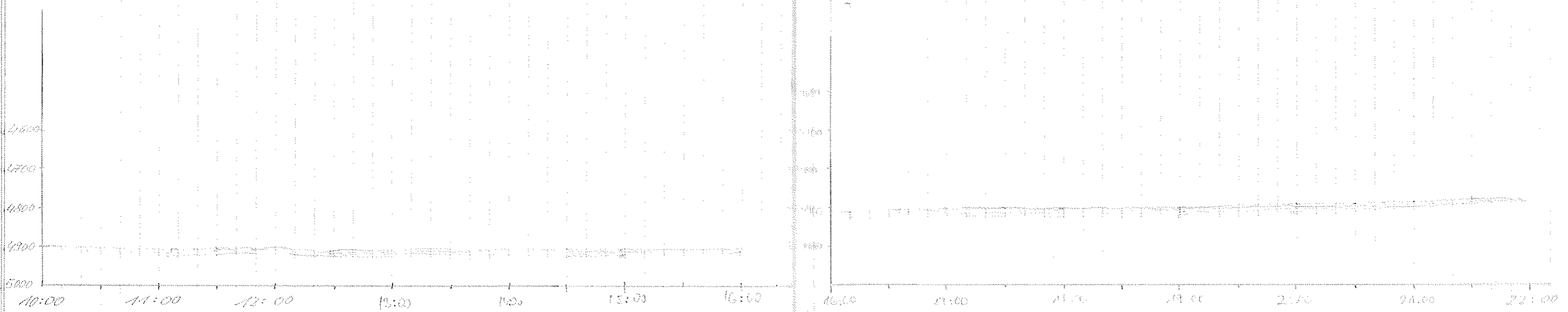
Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth-Range	Sweep	Trigger	msec Delay	msec Scan	Pulse Length	Note
21	8/404	29-1-86	11:05	63° 28.00	18° 48.38	294.2	5.5	4683	4500-4875	7	KP-K-P	0	500	1.	Ende Seismik 11:18
"	"	"	11:34	27.00	53.20	299.3	5.1	4687	"	"	"	"	"	"	"
"	"	"	12:01	26.05	54.98	304.8	3.3	4681	"	"	"	"	"	"	"
"	"	"	12:36	25.05	19° 02.97	299.6	2.5	4675	"	"	"	"	"	"	"
"	"	"	13:01	24.40	05.20	304.3	2.3	4678	"	"	"	"	"	"	"
"	"	"	13:50	23.11	02.86	302.2	4.0	4687	"	"	"	"	"	"	"
"	8/405	"	14:01	22.22	47.50	306.7	3.5	4685	"	"	"	"	"	"	Profile begins 08/405 from 13:40
"	"	"	14:30	17.53	26.20	311.7	10.2	4712	"	"	"	"	"	"	"
"	"	"	15:05	13.67	37.78	305.2	16.2	4730	"	"	"	"	"	"	"
"	"	"	15:52	11.33	49.51	304.7	10.2	4741	"	"	"	"	"	"	"
"	"	"	16:00	08.54	20° 00.17	303.5	8.8	4757	"	"	"	"	"	"	"
"	"	"	16:30	04.83	14.26	308.7	10.4	4762	"	"	"	"	"	"	"
"	"	"	17:02	02.67	23.06	310.4	10.2	4763	"	"	"	"	"	"	"
"	"	"	17:37	68° 58.85	35.90	308.3	9.7	4746	"	"	"	"	"	"	"
"	"	"	18:00	53.05	44.65	302.5	9.2	4752	"	"	"	"	"	"	"
"	"	"	18:31	52.06	54.61	304.2	10.2	4789	"	"	"	"	"	"	"
"	"	"	19:01	50.20	20° 05.25	307.7	9.6	4798	"	"	"	"	"	"	"
"	"	"	19:20	47.29	15.20	310.4	9.9	4807	"	"	"	"	"	"	"
"	"	"	20:01	43.93	28.48	310.2	9.0	4812	"	"	"	"	"	"	"
"	"	"	20:32	40.90	36.14	309.5	3.5	4823	"	"	"	"	"	"	"
"	"	"	21:00	38.14	46.04	308.2	3.8	4820	"	"	"	"	"	"	"
"	"	"	21:30	35.42	56.26	309.2	3.9	4825	"	"	"	"	"	"	"
"	"	"	22:06	31.46	22° 08.53	309.5	3.5	4835	"	"	"	"	"	"	"



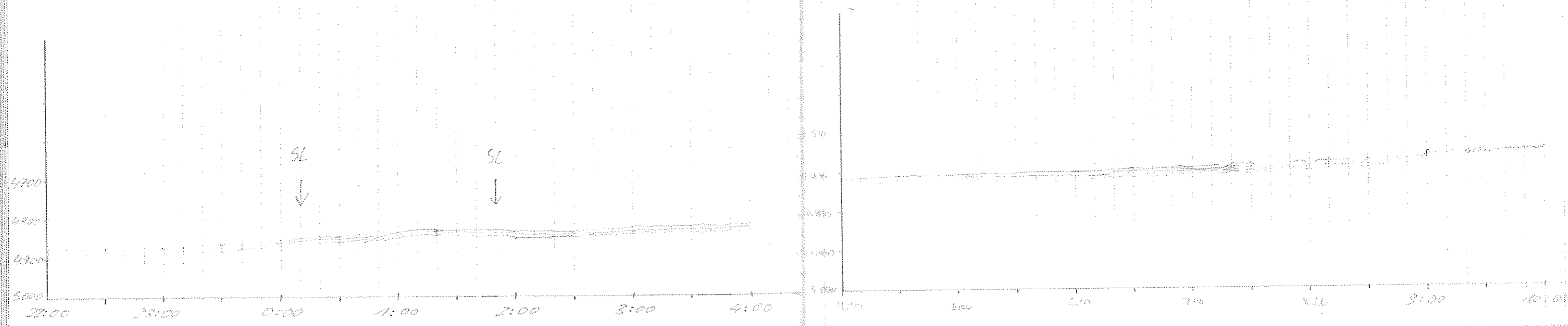
Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth Range	Sweep	Trigger	msec Delay	msec Scan	Pulse Length	Note
21	8/405	24.1.86	22:30	68° 29.05	22° 16.45	308.2	9.5	4838	4500-4875	7	KP-K-P	0	500	1	
"	"	"	23:00	26.68	24.40	295.5	9.8	4835	"	"	"	"	"	"	
"	"	"	23:30	27.75	35.43	309.4	9.9	4838	"	"	"	"	"	"	
"	"	28.1.86	0:07	29.86	42.54	314.9	8.0	4847	"	"	"	"	"	"	Profile Ende
"	"	"	0:30	26.35	52.41	233.1	9.1	4845	"	"	"	"	"	"	
"	"	"	1:00	25.99	55.80	53.9	3.5	4846	"	"	"	"	"	"	
"	"	"	1:30	22.12	57.92	81.9	3.2	4844	"	"	"	"	"	"	
"	"	"	2:00	19.77	47.95	70.7	3.1	4847	"	"	"	"	"	"	
"	"	"	2:38	19.20	42.97	61.2	4.2	4856	"	"	"	"	"	"	
"	8/406	"	2:57	18.52	39.31	66.6	4.6	4858	"	"	"	"	"	"	Profile Anfang
"	"	"	3:31	17.62	32.98	60.9	4.7	4853	"	"	"	"	"	"	
"	"	"	4:00	16.17	28.08	42.0	5.2	4867	"	"	"	"	"	"	
"	"	"	4:32	14.10	22.64	48.5	4.9	4870	"	"	"	"	"	"	
"	"	"	5:00	13.15	18.27	52.4	4.8	4859	"	"	"	"	"	"	
"	"	"	5:30	12.92	12.02	51.2	4.5	4871	"	"	"	"	"	"	
"	"	"	6:01	12.79	07.32	57.7	4.5	4881	"	"	"	"	"	"	
"	"	"	6:33	11.44	02.25	58.0	4.5	4881	"	"	"	"	"	"	6:34 Kurs 2K 0 4875-4870
"	"	"	7:03	09.64	21.56	57.8	4.7	4885	"	"	"	"	"	"	
"	"	"	7:32	06.91	34.41	52.8	4.7	4888	"	"	"	"	"	"	
"	"	"	8:02	05.44	45.52	55.5	6.6	4896	"	"	"	"	"	"	
"	"	"	8:14	05.02	42.80	52.4	4.8	4891	4875-5200	2	KP	"	"	"	
"	"	"	8:43	03.46	37.32	52.2	5.2	4895	"	"	"	"	"	"	
"	"	"	9:33	01.06	28.17	55.3	5.0	4900	"	"	"	"	"	"	
"	"	"	10:03	67° 59.57	22.49	49.3	5.2	4902	"	"	"	"	"	"	



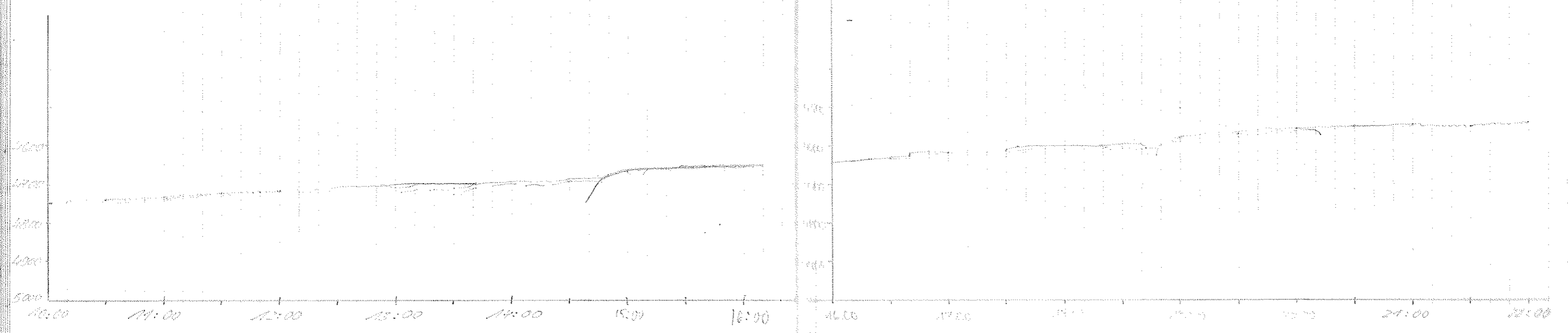
Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Alt-Range	Sweep	Trigger	msec Delay	msec Scan	Pulse/Length	Note
21	8/406	28-1-85	10:31	67° 57.98	21° 47.60	58.5	5.7	4826	475-5250	2	KP	0	500	1	
"	"	"	11:28	56.38	19.42	62.0	5.0	4944	"	"	"	"	"	"	
"	"	"	11:32	55.22	05.35	60.0	5.2	4840	"	"	"	"	"	"	
"	"	"	12:00	54.03	20° 59.87	60.2	5.2	4913	"	"	"	"	"	"	
"	"	"	12:30	52.59	54.53	56.2	5.0	4823	"	"	"	"	"	"	
"	"	"	13:00	51.16	49.34	66.0	4.9	4913	"	"	"	"	"	"	
"	"	"	13:21	50.35	45.48	66.6	5.0	4919	"	"	"	"	"	"	Profile ends
"	line reference	"	14:00	49.81	38.26	105.6	4.7	4918	"	"	"	"	"	"	
"	line reference	"	14:30	50.80	34.81	187.4	3.4	4921	"	"	"	"	"	"	
"	"	"	15:00	52.88	30.64	117.9	4.3	4918	"	"	"	"	"	"	
"	"	"	15:30	54.88	32.72	226.8	5.5	4916	"	"	"	"	"	"	
"	"	"	16:00	56.60	39.19	237.0	5.6	4912	"	"	"	"	"	"	
"	2/407	"	16:04	56.83	40.00	234.4	5.3	4911	"	"	"	"	"	"	Profile ends
"	"	"	16:27	58.67	46.62	232.2	5.7	4905	"	"	"	"	"	"	
"	"	"	17:00	59.98	51.55	233.8	6.0	4902	"	"	"	"	"	"	
"	"	"	17:30	68° 01.60	57.54	235.5	5.9	4901	"	"	"	"	"	"	
"	"	"	18:01	02.24	21° 04.44	235.2	6.0	4901	"	"	"	"	"	"	
"	"	"	18:30	04.91	10.38	234.3	5.8	4902	"	"	"	"	"	"	
"	"	"	18:54	06.43	16.81	228.2	5.9	4901	"	"	"	"	"	"	
"	"	"	19:13	09.46	24.62	226.7	6.0	4899	520-5675	17	KP-L	0	"	"	
"	"	"	19:50	10.70	38.11	224.5	6.2	4885	"	"	"	"	"	"	
"	"	"	20:30	11.95	34.40	239.0	5.8	4885	"	"	"	"	"	"	
"	"	"	21:02	13.35	41.43	238.6	5.7	4879	"	"	"	"	"	"	
"	"	"	21:32	16.75	46.48	249.2	5.5	4874	"	"	"	"	"	"	



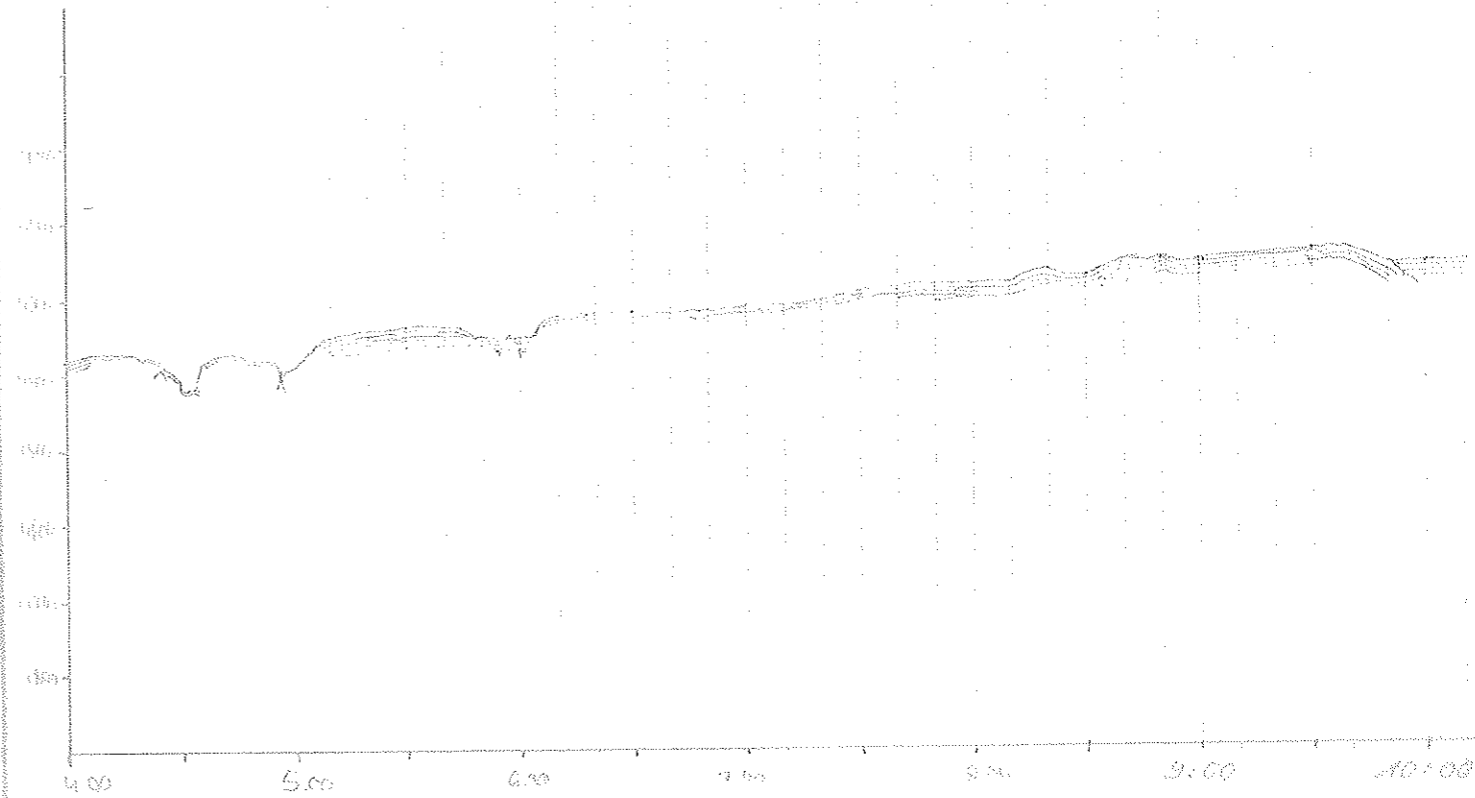
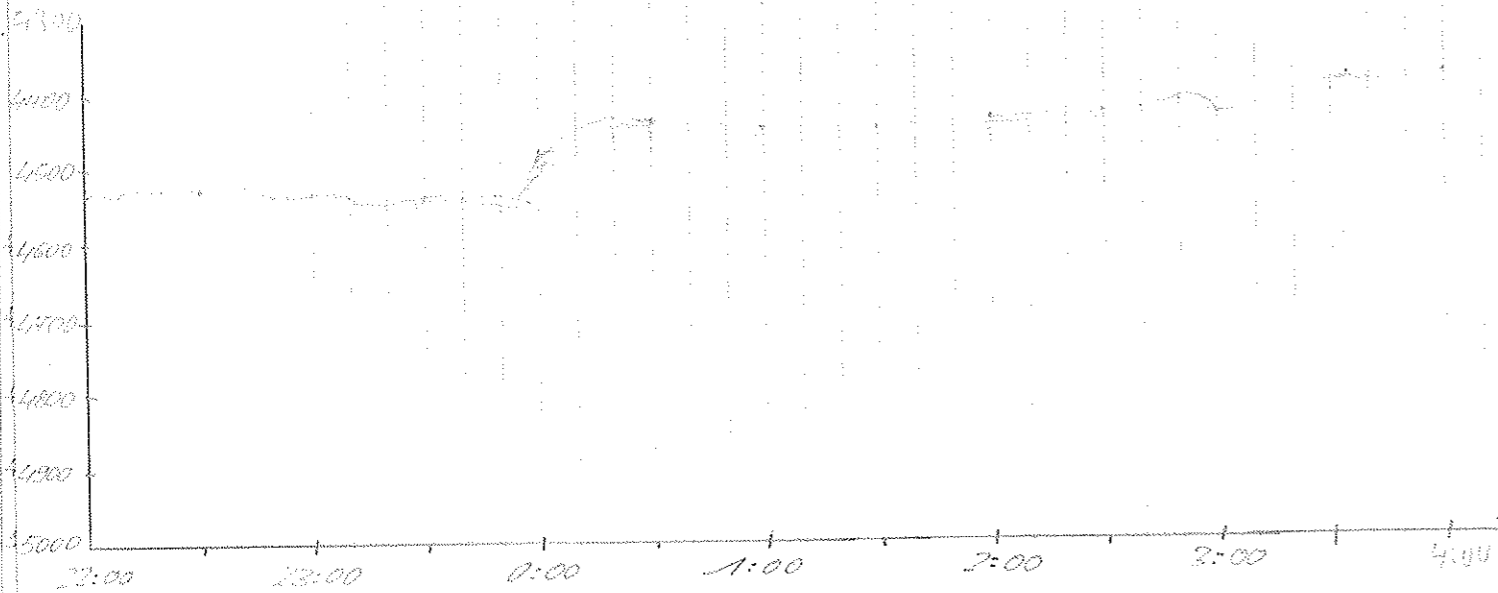
Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth-Range	Sweep	Trigger	Delay	Time Seen	Pulse Length	Note
29	8/407	28.1.86	22:00	63° 16.16	24° 50.65	240.1	5.1	4873	400-4875	7	KP-K-P-	0	500	1.	
"	"	"	22:32	17.2	55.71	245.1	5.3	4873	"	"	"	"	"	"	
"	"	"	23:00	18.57	22° 03.23	234.7	5.5	4869	"	"	"	"	"	"	
"	"	"	23:34	20.08	10.71	235.3	5.2	4867	"	"	"	"	"	"	
"	"	29.1.86	0:05	34.35	19.97	237.4	4.8	4852	"	"	"	"	"	"	
"	"	"	0:30	22.97	20.05	236.1	4.9	4848	"	"	"	"	"	"	
"	Prof. Lunde	"	0:45	23.73	23.27	239.9	4.7	4854	"	"	"	"	"	"	
"	"	"	1:20	29.97	30.34	248.7	2.6	4834	"	"	"	"	"	"	
"	"	"	1:55	24.39	33.53	206.1	5.8	4835	"	"	"	"	"	"	
"	08/408 Adfing	"	2:00	25.53	34.25	224.7	6.3	4838	"	"	"	"	"	"	
"	08/408	"	2:30	28.02	45.10	240.3	10.3	4836	"	"	"	"	"	"	
"	"	"	3:00	29.87	52.01	250.6	10.7	4823	"	"	"	"	"	"	
"	"	"	3:30	31.77	23° 11.86	253.2	10.6	4829	"	"	"	"	"	"	
"	"	"	4:00	33.13	26.18	250.7	10.8	4816	"	"	"	"	"	"	
"	"	"	4:30	35.02	40.04	265.3	11.6	4803	"	"	"	"	"	"	
"	"	"	5:05	36.21	50.04	250.9	10.7	4804	"	"	"	"	"	"	
"	"	"	5:35	38.29	24° 18.39	242.2	10.6	4802	"	"	"	"	"	"	
"	"	"	6:04	40.62	20.84	246.4	10.7	4800	"	"	"	"	"	"	
"	"	"	6:36	42.64	22.13	241.5	10.6	4795	"	"	"	"	"	"	
"	"	"	7:00	44.72	40.2	252.2	10.6	4793	"	"	"	"	"	"	
"	"	"	7:22	46.52	59.67	259.6	10.5	4783	"	"	"	"	"	"	
"	"	"	8:08	48.78	25° 15.82	240.2	10.7	4757	"	"	"	"	"	"	
"	"	"	8:30	50.20	25.87	246.8	10.3	4754	"	"	"	"	"	"	
"	"	"	9:04	52.14	41.44	259.3	10.6	4760	"	"	"	"	"	"	
"	"	"	9:35	54.57	55.65	271.6	10.4	4752	"	"	"	"	"	"	
"	"	"	10:02	57.82	26° 08.11	255.0	10.5	4745	"	"	"	"	"	"	
22	"	"	10:30	57.68	27.27	285.5	10.2	4743	"	"	"	"	"	"	" Kalle gewaschen"



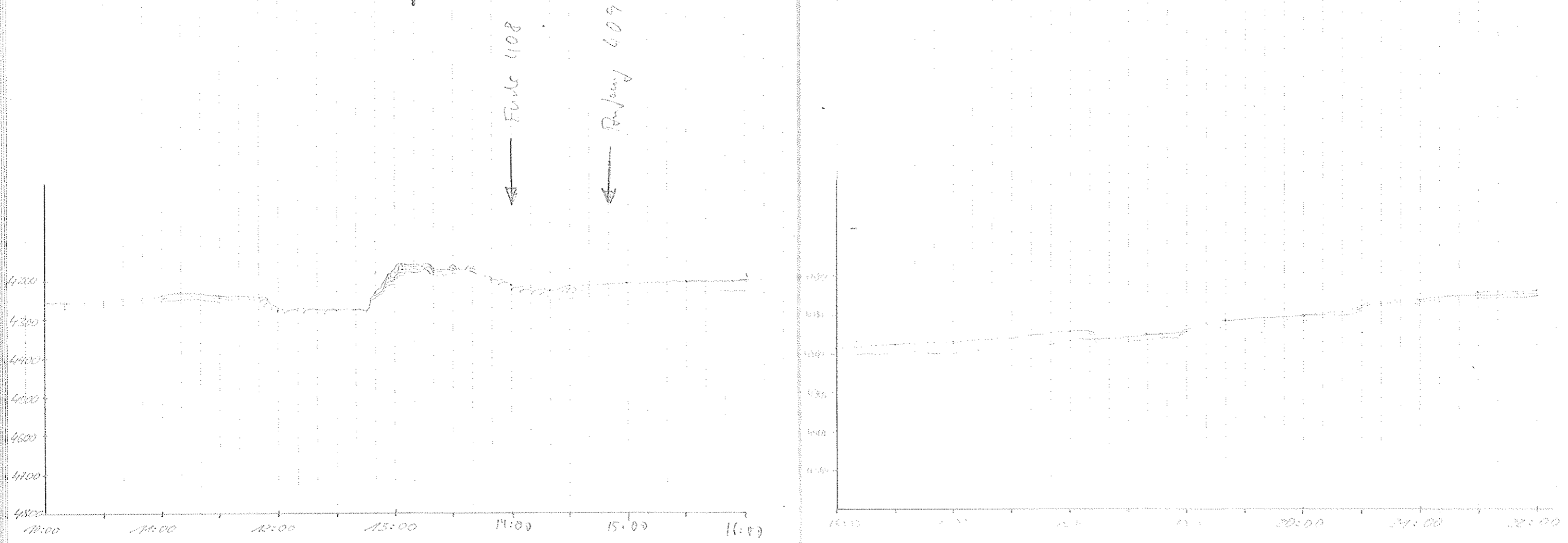
Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth-Range	Sweep	Trigger	msec Delay	msec Scan	Pulse/Length	Note
22	08/408	29.1.86	11:00	68°52.02	26°30.30	237.0	6.2	4775	470-4875	7	KP-K-P-	0	500	1.	
"	"	"	11:30	53.28	32.25	237.5	10.0	4722	"	"	"	"	"	"	
"	"	"	12:00	56.37	54.42	237.4	10.5	4716	"	"	"	"	"	"	
"	"	"	12:35	59.63	27° 06.74	242.5	10.4	4718	"	"	"	"	"	"	
"	"	"	13:12	69° 00.30	77° 23.40	242.5	9.3	4628	"	"	"	"	"	"	
"	"	"	14:22	57.49	59.61	242.3	9.7	4628	"	"	"	"	"	"	
"	"	"	15:25	59.48	24° 17.47	222.7	9.4	4625	"	"	"	"	"	"	
"	"	"	16:09	19.57	29.9	215.5	9.3	4647	"	"	"	"	"	"	
"	"	"	16:30	17.20	37.36	229.3	9.6	4632	"	"	"	"	"	"	
"	"	"	17:00	12.97	44.26	254.8	9.9	4611	"	"	"	"	"	"	
"	"	"	17:36	19.82	29° 05.87	232.3	9.8	4600	"	"	"	"	"	"	
"	"	"	18:45	24.43	21.23	230.9	10.1	4586	"	"	"	"	"	"	
"	"	"	19:00	22.89	49.40	252.0	9.9	4575	"	"	"	"	"	"	
"	"	"	19:30	25.04	56.92	253.0	10.1	4565	"	"	"	"	"	"	
"	"	"	20:00	26.76	30° 09.40	253.1	5.9	4555	"	"	"	"	"	"	
"	"	"	20:31	24.57	16.32	247.5	5.7	4548	"	"	"	"	"	"	
"	"	"	21:01	23.37	26.48	242.4	6.3	4548	"	"	"	"	"	"	
"	"	"	21:30	24.03	38.72	245.6	9.7	4557	"	"	"	"	"	"	
"	"	"	22:00	32.67	50.21	261.0	10.2	4535	"	"	"	"	"	"	



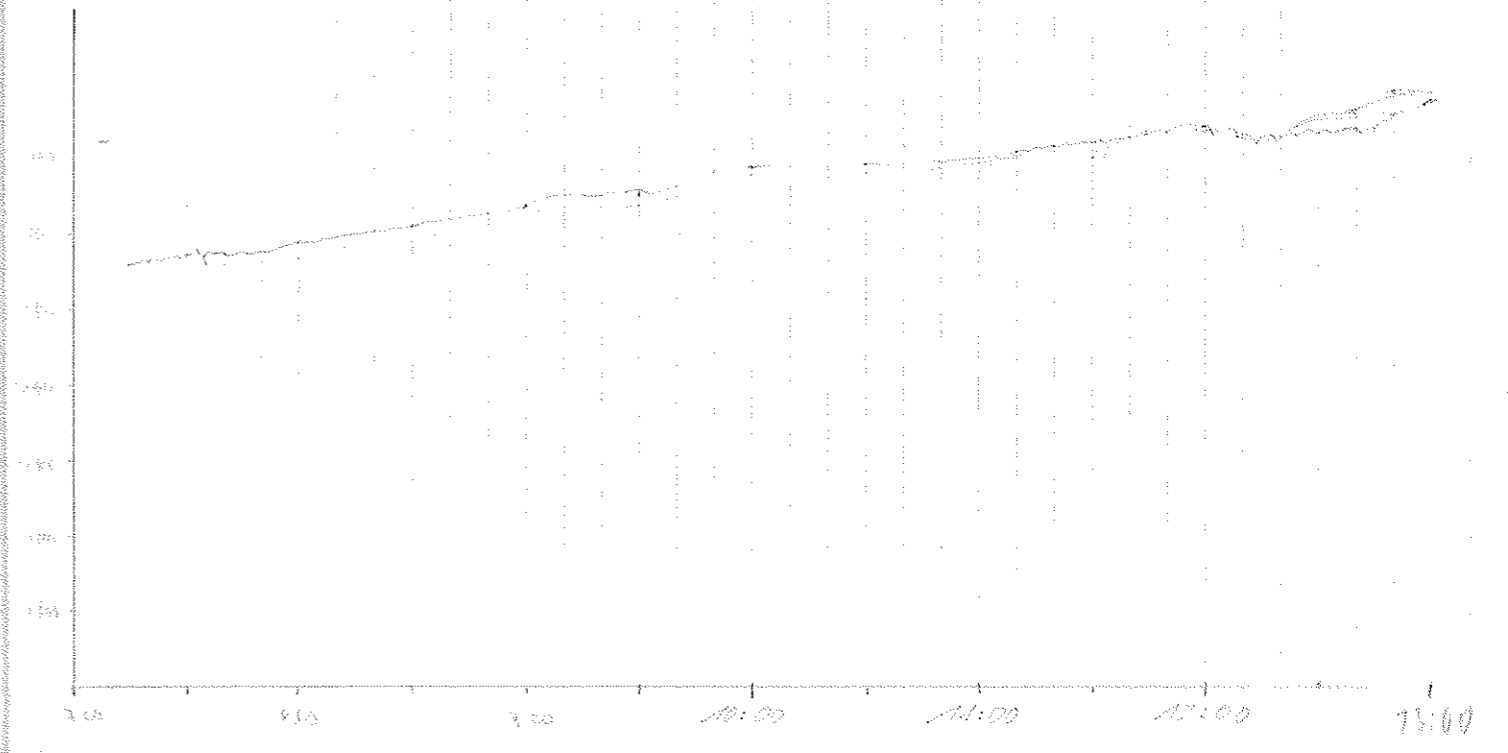
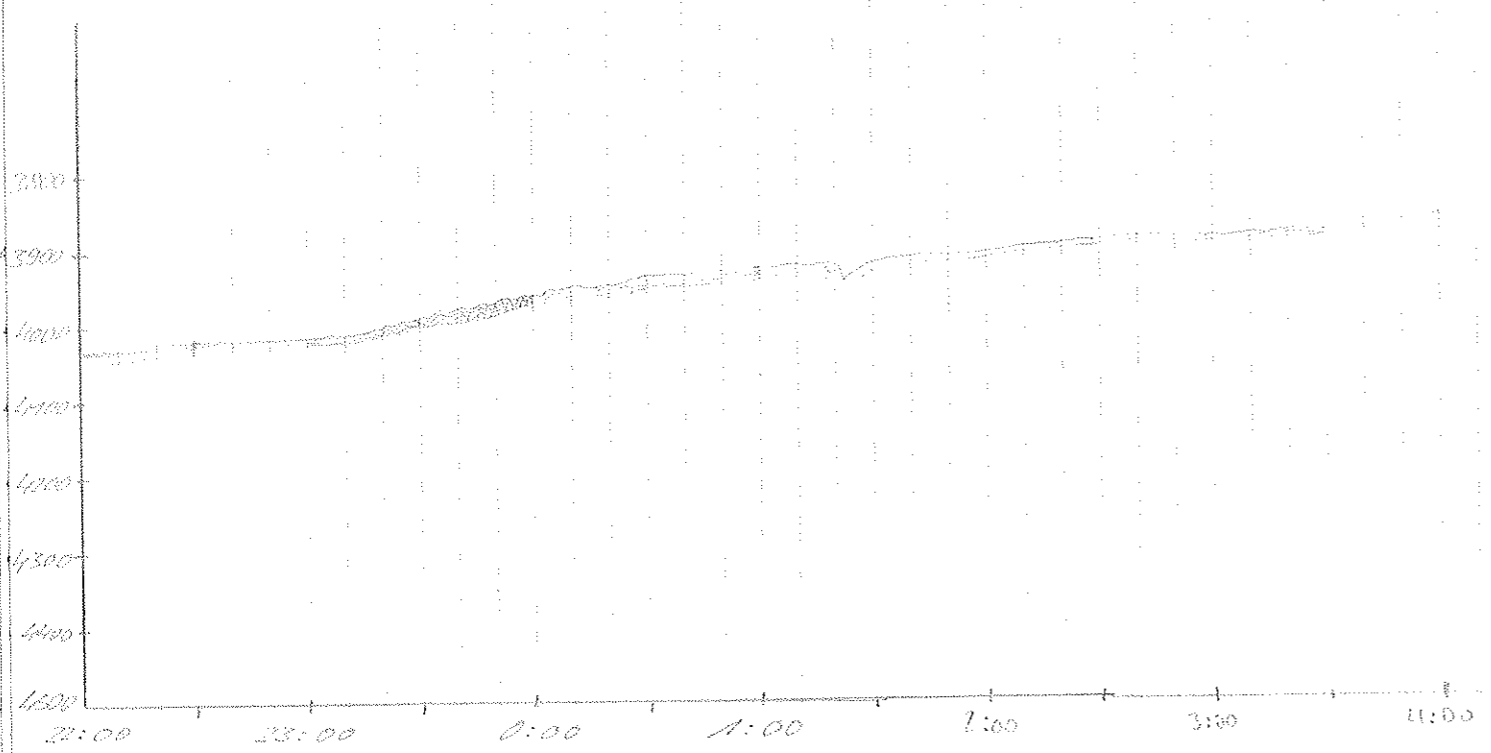
Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth-Range	Sweep	Trigger	msec Delay	msec Scan	Pulse Length	Note
22	8/408	29.1.56	22:30	69°33.16	31°04.57	252.3	9.9	4537	4500-4875	7	KR-K-R	0	500	M	
"	"	"	23:00	35.12	17.51	237.9	10.7	4538	"	"	"	"	"	"	
"	"	"	23:30	37.47	30.55	244.3	10.0	4513	"	"	"	"	"	"	
"	"	30.1.56	0:00	39.78	42.37	250.5	9.9	4458	45-4500	2	KP	"	"	"	
"	"	"	0:30	41.87	56.84	251.8	10.3	4474	"	"	"	"	"	"	
"	"	"	01:01	42.74	10.89	242.9	10.0	4467	"	"	"	"	"	"	
"	"	"	0:37	42.52	24.38	250.8	10.2	4451	"	"	"	"	"	"	
"	"	"	1:00	46.07	35.08	249.7	10.3	4442	"	"	"	"	"	"	
"	"	"	03:04	47.57	51.21	249.7	10.2	4437	"	"	"	"	"	"	
"	"	"	01:07	49.18	32°05.97	251.1	10.2	4443	"	"	"	"	"	"	
"	"	"	03:37	52.00	42.13	248.5	10.1	4397	"	"	"	"	"	"	
"	"	"	04:01	53.20	32.47	255.9	10.3	4387	"	"	"	"	"	"	
"	"	"	04:20	54.11	43.34	260.2	10.7	4377	"	"	"	"	"	"	
"	"	"	05:02	55.86	34°02.34	243.8	9.8	4394	"	"	"	"	"	"	
"	"	"	05:30	58.38	13.20	237.0	10.1	4393	"	"	"	"	"	"	
"	"	"	06:00	70°09.72	25.60	255.1	10.3	4346	"	"	"	"	"	"	
"	"	"	06:30	01.56	40.04	235.7	10.0	4323	"	"	"	"	"	"	
"	"	"	07:00	02.93	54.16	233.8	10.0	4313	"	"	"	"	"	"	
"	"	"	07:30	04.62	01.74	251.0	9.9	4300	"	"	"	"	"	"	
"	"	"	8:00	05.38	35°24.83	250.7	10.1	4284	"	"	"	"	"	"	
"	"	"	8:30	07.34	35.87	248.4	10.0	4273	"	"	"	"	"	"	
"	"	"	9:02	09.49	50.35	233.4	9.9	4260	"	"	"	"	"	"	
"	"	"	9:33	12.30	36°03.58	234.7	10.3	4247	"	"	"	"	"	"	
"	"	"	10:00	14.20	17.91	245.9	10.7	4257	"	"	"	"	"	"	



Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth Range	Swamp	Trigger	msec Delay	msec Scan	Pulse Length	Note
22	8/408	30-1-86	10:31	70°14.40	36°31.35	251.3	3.9	4256	4175-4500	2	KP	0	500	"	
"	"	"	11:03	16.35	44.76	222.2	6.9	4239	"	"	"	"	"	"	
"	"	"	11:30	17.63	53.28	288.8	4.3	4241	"	"	"	"	"	"	
"	"	"	12:00	18.61	58.82	272.4	6.6	4274	"	"	"	"	"	"	
"	"	"	12:30	19.63	37°06.49	297.6	6.4	4276	"	"	"	"	"	"	
"	"	"	13:03	21.31	47.37	189.6	6.0	4162	"	"	"	"	"	"	
"	"	"	13:31	24.41	24.86	177.8	7.3	4173	"	"	"	"	"	"	Profil Ende
"	"	"	14:01	27.51	26.14	137.8	3.0	4216	"	"	"	"	"	"	
"	"	"	14:30	29.48	24.93	104.4	5.7	4227	"	"	"	"	"	"	
"	8/409	"	14:50												Profil Du Janj
"	"	"	14:59	70°30.67	37°21.71	184.4	3.7	4218	"	"	"	"	"	"	
"	"	"	15:30	32.62	20.88	142.7	5.3	4204	"	"	"	"	"	"	
"	"	"	16:00	34.75	21.46	177.2	4.5	4176	"	"	"	"	"	"	
"	"	"	16:30	37.09	19.22	163.2	4.9	4176	"	"	"	"	"	"	
"	"	"	17:00	39.53	17.65	167.8	5.0	4169	"	"	"	"	"	"	
"	"	"	17:30	41.83	25.82	179.9	5.0	4151	"	"	"	"	"	"	
"	"	"	18:05	47.67	26.37	181.5	5.1	4142	4100-4425	3	KP	"	"	"	
"	"	"	18:42	48.70	26.35	180.5	5.0	4157	4100-4425	2	KP	"	"	"	
"	"	"	19:39	50.74	26.95	197.9	5.0	4150	"	"	"	"	"	"	
"	"	"	19:51	52.23	28.58	185.3	5.6	4147	4100-4425	3	KP	"	"	"	10:20 Kurs 210P
"	"	"	20:08	54.33	27.95	175.8	6.5	4143	"	"	"	"	"	"	10:20 Kurs 210P
"	"	"	20:21	56.40	26.89	200.1	4.8	4082	"	"	"	"	"	"	
"	"	"	20:30	58.63	26.09	144.5	5.5	4077	"	"	"	"	"	"	
"	"	"	21:00	71°07.04	23.37	156.7	5.3	4065	"	"	"	"	"	"	
"	"	"	21:32	03.64	20.93	166.0	5.4	4044	"	"	"	"	"	"	
"	"	"	22:00	05.98	18.29	155.7	5.3	4030	"	"	"	"	"	"	
"	"	"	22:17	07.46	16.46	155.7	5.0	4022	"	"	"	"	"	"	Ende Profil

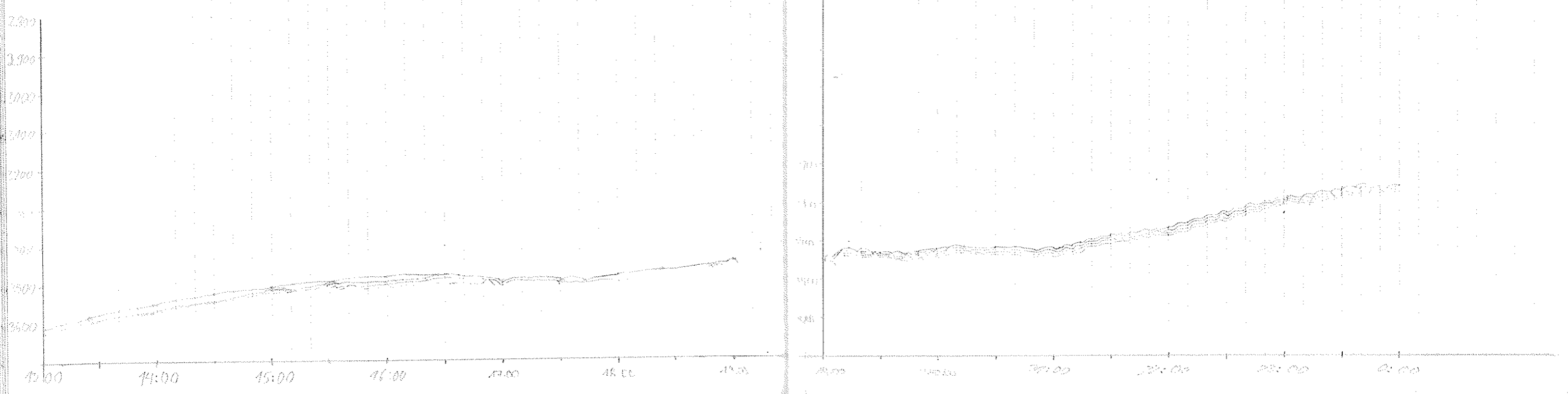


Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth Range	Sweep	Trigger	msec Delay	msec Scan	Pulse Length	Note
22	-	30.1.86	23:37	71°07.94	37°12.68	148.3	11.1	4019	3750-4425	3	KP-	0	500	A	
"	05/440	"	23:08	71°08.48	37°12.23	168.2	8.8	3945	"	"	"	"	"	"	
"	"	"	23:32	12.35	15.07	200.3	11.6	3993	"	"	"	"	"	"	
"	"	31.1.86	0:04	17.48	17.38	203.9	9.5	3967	"	"	"	"	"	"	
"	"	"	00:30	20.95	25.05	176.1	4.8	3941	"	"	"	"	"	"	
"	"	"	01:00	24.61	22.32	258.3	5.9	3922	"	"	"	"	"	"	
"	"	"	01:30	28.13	25.42	186.3	8.6	3913	"	"	"	"	"	"	
"	"	"	02:00	30.65	28.13	213.1	5.1	3811	"	"	"	"	"	"	
"	"	"	02:30	32.65	31.17	195.6	3.5	3892	"	"	"	"	"	"	
"	"	"	03:00	34.26	36.74	226.7	5.6	3872	"	"	"	"	"	"	
"	"	"	03:30	34.50	41.81	244.8	1.3	3871	"	"	"	"	"	"	Under Trough 2.45
"	"	"	04:04	34.73	43.42	305.0	0.2	3867	"	"	"	"	"	"	Strand By
"	"	"	07:14	36.21	48.64	286.8	5.8	3844	"	"	"	"	"	"	Start
"	"	"	07:30	38.64	50.48	128.6	9.1	3836	"	"	"	"	"	"	
"	"	"	08:00	41.05	47.37	103.3	5.2	3826	"	"	"	"	"	"	
"	"	"	08:37	42.22	38.72	156.7	9.5	3789	"	"	"	"	"	"	
"	"	"	09:00	47.57	30.84	155.2	9.7	3764	375-3750	2	KP	"	"	"	
"	"	"	09:53	52.45	25.77	208.2	8.5	3752	"	"	"	"	"	"	
"	"	"	10:00	55.24	30.39	198.4	1.0	3718	"	"	"	"	"	"	at ca. 10:40 going, the line faint in places
"	"	"	10:30	55.66	34.62	319.9	3.3	3743	"	"	"	"	"	"	shaky. Eisbedeckung
"	"	"	11:47	56.69	34.70	211.6	5.3	3695	"	"	"	"	"	"	
"	"	"	11:46	71°00.52	37°47.68	129.7	8.2	3666	"	"	"	"	"	"	
"	"	"	12:15	04.94	32.25	170.5	11.6	3665	"	"	"	"	"	"	
"	"	"	12:50	10.22	29.63	182.0	6.9	3671	"	"	"	"	"	"	

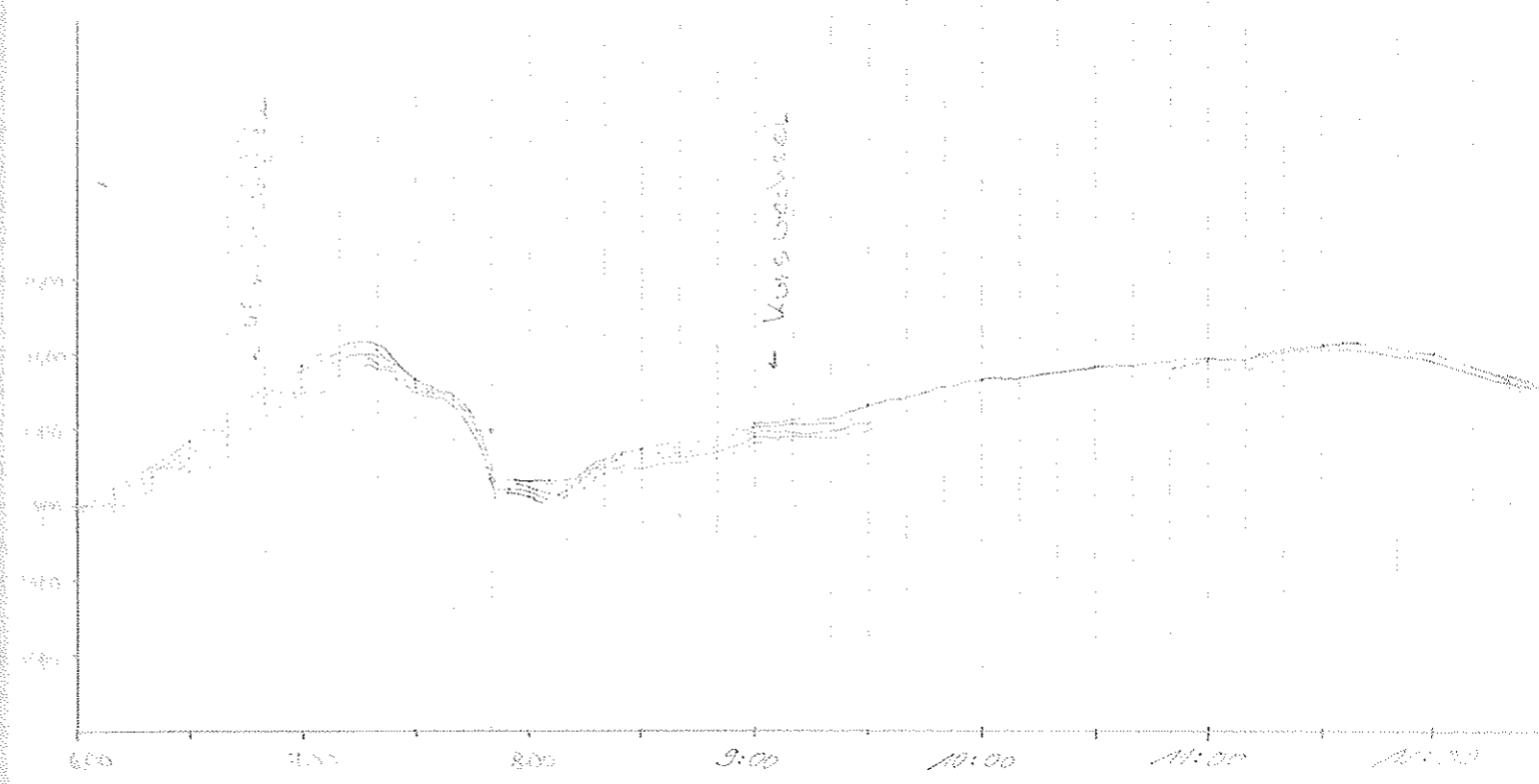
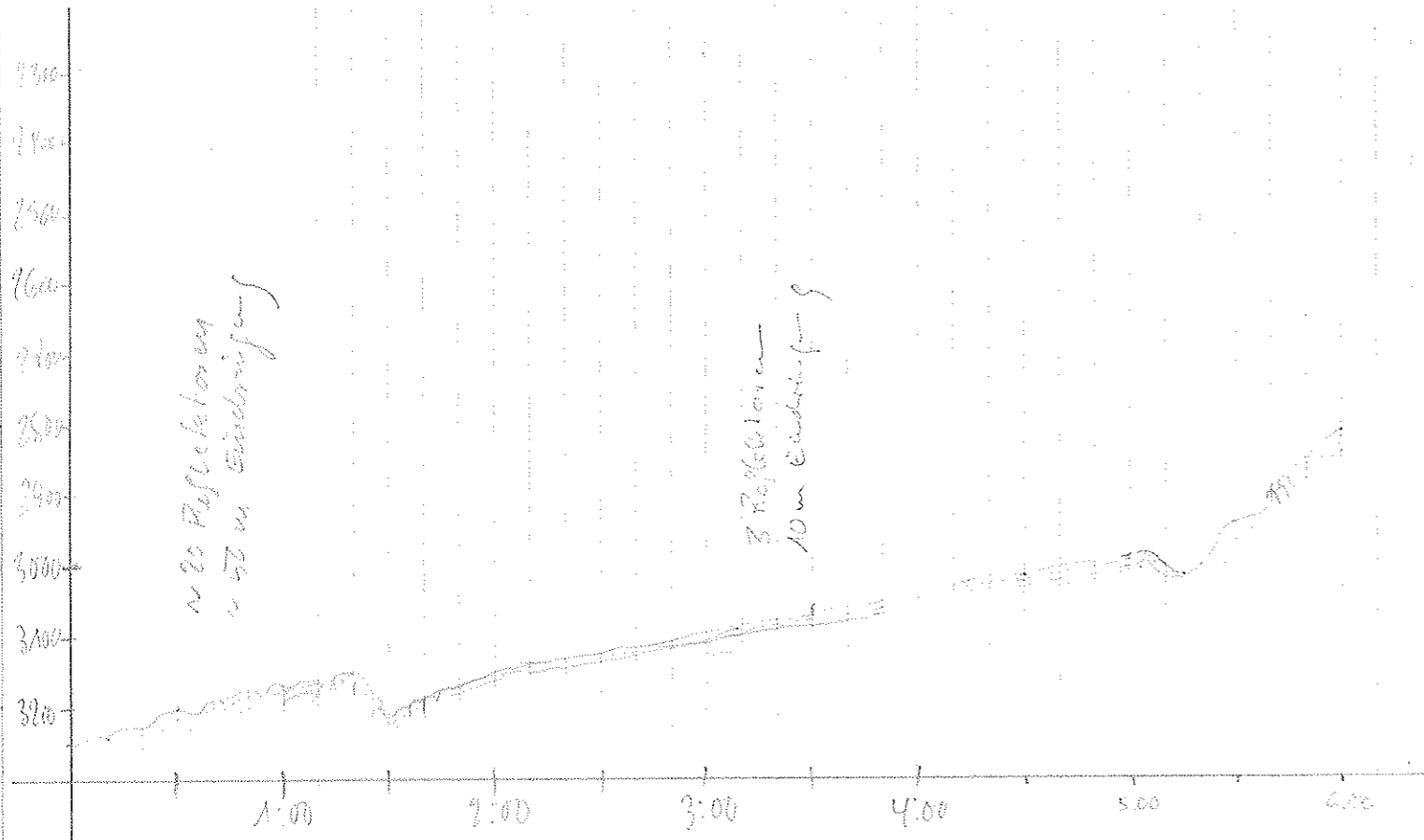




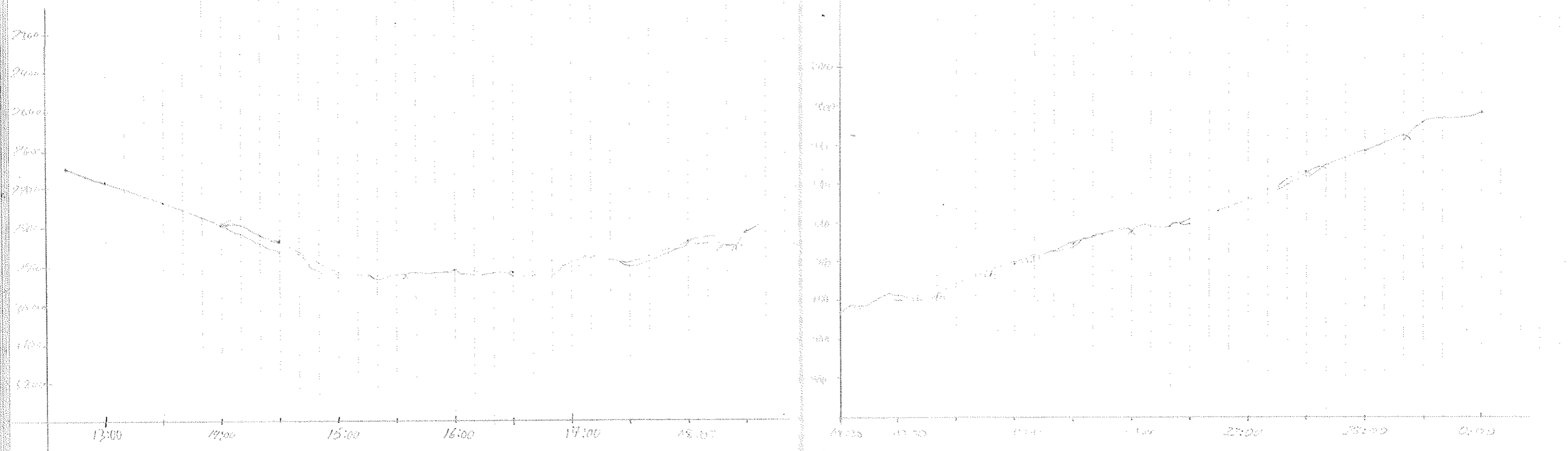
Roll	Profile	Date	Time	Lat S	Long W	Course	Speed	Depth	Depth-Range	Sweep	Trigger	Delay	msic Scan	Pulse Length	Misc
22	-	31.1.86	13:04	42°12.52	37°24.76	183.1	4.0	3598	3375-3750	2	KP	0	500	4.	
23	-	31.1.86	13:26	42.69	37.94	192.3	5.0	3586	"	"	"	"	"	"	
"	08/411	"	13:54	43.23	38.78	166.4	5.5	3550	"	"	"	"	"	"	Rolls und Schreibmaschinen gezeichnet, Profitanfang
"	"	"	14:30	43.74	39.06	146.1	4.5	3525	"	"	"	"	"	"	
"	"	"	15:00	44.19	39.82	166.9	4.2	3511	"	"	"	"	"	"	
"	"	"	15:36	44.76	40.29	195.1	4.5	3497	"	"	"	"	"	"	
"	"	"	16:02	45.37	40.95	180.6	4.8	3480	"	"	"	"	"	"	Dolug durchgeführt Man. Str.
"	"	"	16:31	46.09	41.60	104.3	5.0	3489	"	"	"	"	"	"	
"	"	"	17:00	46.81	42.18	117.2	5.0	3505	"	"	"	"	"	"	
"	"	"	17:30	47.65	42.73	118.7	5.0	3505	"	"	"	"	"	"	
"	"	"	18:00	48.88	43.55.97	160.7	5.0	3485	"	"	"	"	"	"	
"	"	"	18:33	49.56	44.18	152.6	5.0	3462	"	"	"	"	"	"	
"	"	"	19:00	50.44	44.09	139.9	5.1	3417	"	"	"	"	"	"	
"	"	"	19:30	51.46	44.92	134.8	5.2	3428	"	"	"	"	"	"	
"	"	"	20:00	52.50	45.29	137.2	5.2	3427	"	"	"	"	"	"	
"	"	"	20:31	53.64	45.88	144.4	5.2	3427	"	"	"	"	"	"	
"	"	"	21:13	54.86	46.49	161.0	4.3	3402	"	"	"	"	"	"	
"	"	"	21:31	55.49	47.37	166.2	4.4	3383	"	"	"	"	"	"	
"	"	"	21:39	56.03	48.20.20	170.3	4.4	3375	1-2 3375	3	K-P	"	"	"	
"	"	"	22:04	56.79	49.02	191.8	4.3	3366	"	"	"	"	"	"	
"	"	"	22:30	57.31	49.42	184.8	4.0	3324	"	"	"	"	"	"	
"	"	"	23:04	58.08	50.97	214.3	4.9	3226	"	"	"	"	"	"	
"	"	"	23:30	58.75	52.32	236.3	4.7	3167	"	"	"	"	"	"	
"	"	1.2.86	0:00	59.42	53.35	259.7	4.3	3240	"	"	"	"	"	"	



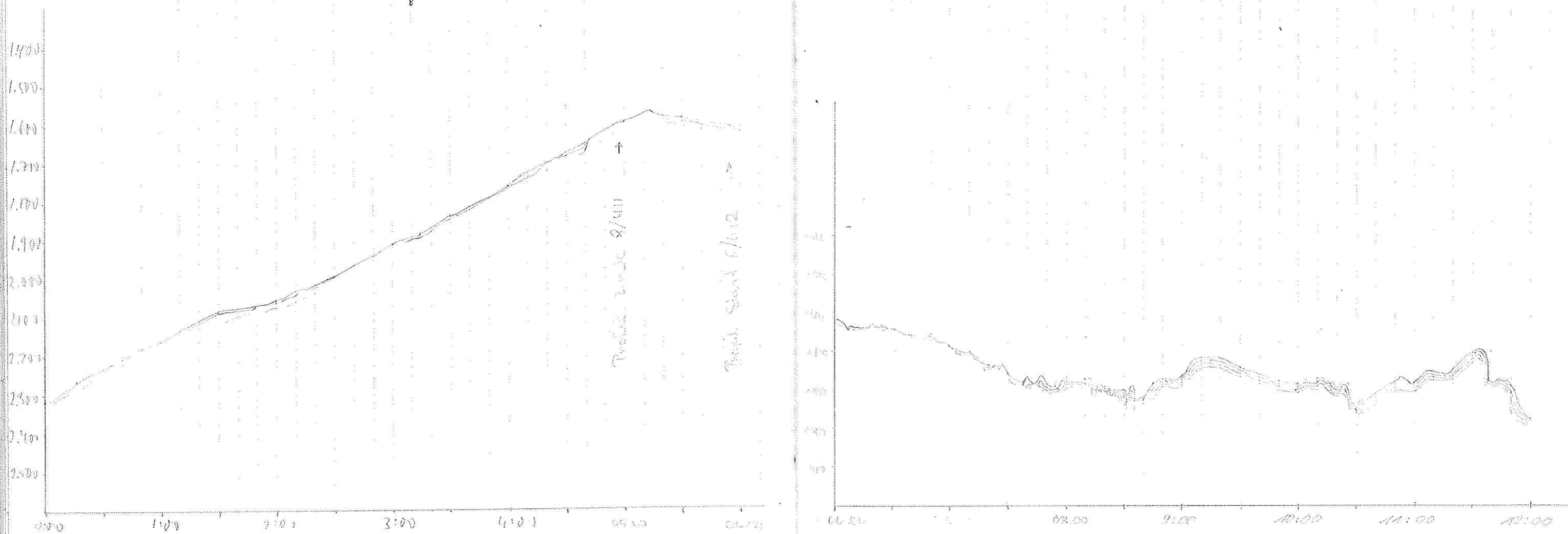
Rolle	Prof. l	Jahr	Zeit	Lat	Long	Kund	Indus.	Tiefe	Bericht	Sweep	Triff	Temp	See	Prob. tiefe
23	08/411	1.2.26	0:49	72° 54.7	36° 40.03	257.6	5.3	3190	2000-3375	3	K-P	0	500	1 wa. cc
			1:40	55.63	37° 04.6	242.3	5.3	3152	"	"	"	"	"	"
			3:37	73° 7.55	26.57	209.8	5.2	3082	"	"	"	"	"	"
			4:23	55.29	33.27	232.9	5.4	3073	"	"	"	"	"	"
			4:31	6.67	36.73	239.2	5.0	3017	2625-3000	2	KP	"	"	"
			5:01	7.75	44.21	243.4	5.0	2991	"	"	"	"	"	"
			5:30	8.76	51.92	250.3	5.1	2947	"	"	"	"	"	"
			6:01	9.47	38° 00.43	254.0	5.0	2867	"	"	"	"	"	"
			6:30	10.42	08.29	252.5	4.8	2714	"	"	"	"	"	"
			6:59	11.15	15.97	257.3	4.9	2619	250-2625	5	KPKP-	"	"	"
			6:55	11.61	23.00	256.2	5.0	2613	675-3000	2	KP	"	"	"
			6:28	11.62	24.00	237.8	5.1	2622	750-2025	5	KPKP-	"	"	"
			7:35	11.81	26.01	256.6	5.0	2648	675-3000	2	KP	"	"	"
			8:01	11.78	32.12	260.1	5.0	2771	"	"	"	"	"	"
			8:30	13.56	40.32	254.3	4.9	2725	"	"	"	"	"	"
			9:01	14.33	48.77	254.1	5.1	2634	"	"	"	"	"	"
			9:30	13.03	57.13	237.9	4.7	2635	"	"	"	"	"	"
			10:01	12.41	39° 04.01	340.0	4.5	2636	550-7675	5	KPKP-	"	"	"
			10:31	10.08	09.90	306.9	3.3	2622	"	"	"	"	"	"
			11:00	09.32	15.51	343.5	4.8	2612	"	"	"	"	"	"
			11:30	07.32	22.83	302.9	5.2	2532	"	"	"	"	"	11:07 Kurs 3000
			12:01	05.36	27.38	347.6	5.3	2600	"	"	"	"	"	12:13 Kurs 2000
			12:32	03.18	27.59	271.6	4.5	2633	"	"	"	"	"	"



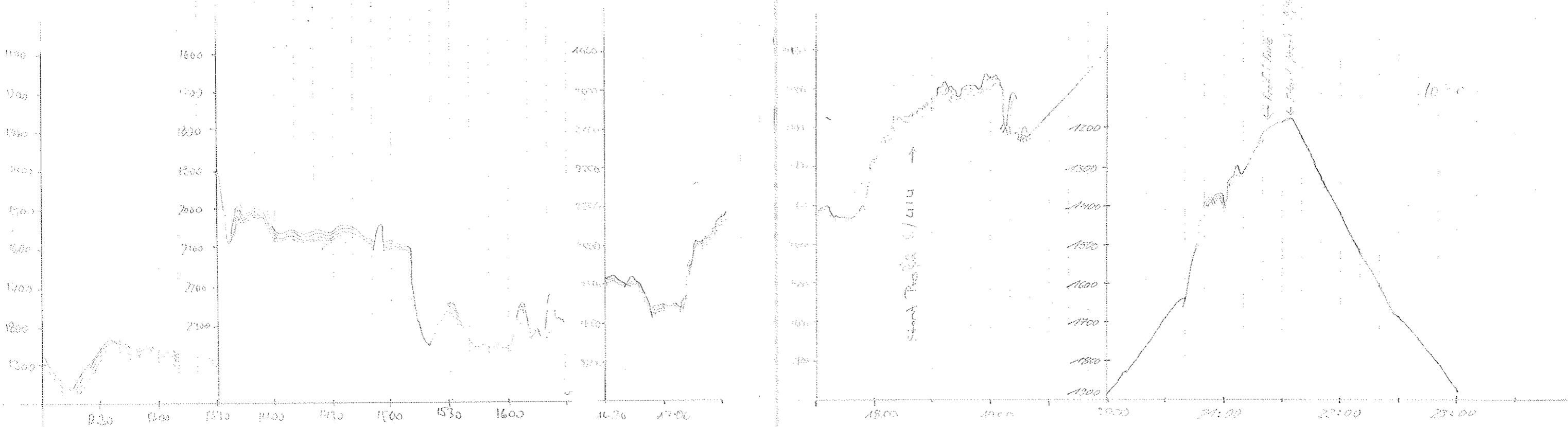
Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth-Range	Sweep	Triggers	msec Delay	m/sec Scan	Subs/Length	Note
03	08/4/7	01.02.86	12:40	73° 03.18	39° 26.94	27.7	4.8	2647	1625-3000	2	KP	0	300	1	
"	"	"	13:00	01.67	29.74	21.4	5.1	2685	"	"	"	"	"	"	
"	"	"	13:30	72° 59.23	21.66	19.4	5.0	2797	"	"	"	"	"	"	Kurs 356 13:57
"	"	"	14:00	56.84	19.38	2.2	4.9	2796	"	"	"	"	"	"	
"	"	"	14:32	57.13	19.37	0.3	4.9	2825	"	"	"	"	"	"	
"	"	"	15:03	57.38	20.11	352.7	5.2	2831	"	"	"	"	"	"	New course 15:28
"	"	"	15:30	49.09	21.70	340.5	5.2	2897	"	"	"	"	"	"	
"	"	"	16:32	47.10	21.04	322.5	5.4	2907	"	"	"	"	"	"	
"	"	"	16:30	45.10	23.04	296.4	4.6	2915	"	"	"	"	"	"	16:40 Kurs 270.
"	"	"	17:00	44.91	40.06	272.1	4.5	2891	"	"	"	"	"	"	
"	"	"	18:00	44.69	56.73	264.7	5.0	2847	"	"	"	"	"	"	
"	"	"	18:30	44.42	40° 4.23	253.2	5.0	2820	"	"	"	"	"	"	
"	"	"	19:03	44.21	19.64	281.7	5.0	2781	"	"	"	"	"	"	
"	"	"	19:30	44.02	26.73	218.1	5.0	2756	"	"	"	"	"	"	
"	"	"	20:09	43.58	22.24	271.8	4.8	2703	"	"	"	"	"	"	
"	"	"	20:37	46.69	36.52	235.0	5.7	2658	"	"	"	"	"	"	
"	"	"	20:46	47.80	39.74	234.7	5.7	2634	240-2625	5	KPRP	"	"	"	
"	"	"	21:17	47.48	47.12	310.5	5.3	2597	"	"	"	"	"	"	
"	"	"	21:44	48.97	55.86	207.5	10.9	2570	"	"	"	"	"	"	Strawinsfall Atwater at road ca. 10 miles
"	"	"	22:15	50.12	44° 02.25	242.4	4.6	2526	"	"	"	"	"	"	
"	"	"	22:33	51.24	07.37	247.5	5.4	2467	"	"	"	"	"	"	
"	"	"	23:00	52.42	12.53	243.3	5.5	2447	"	"	"	"	"	"	
"	"	"	23:30	53.10	18.54	206.9	5.4	2392	"	"	"	"	"	"	
"	"	02.22.86	2:00	56.20	17.02	247.0	5.2	2344	"	"	"	"	"	"	



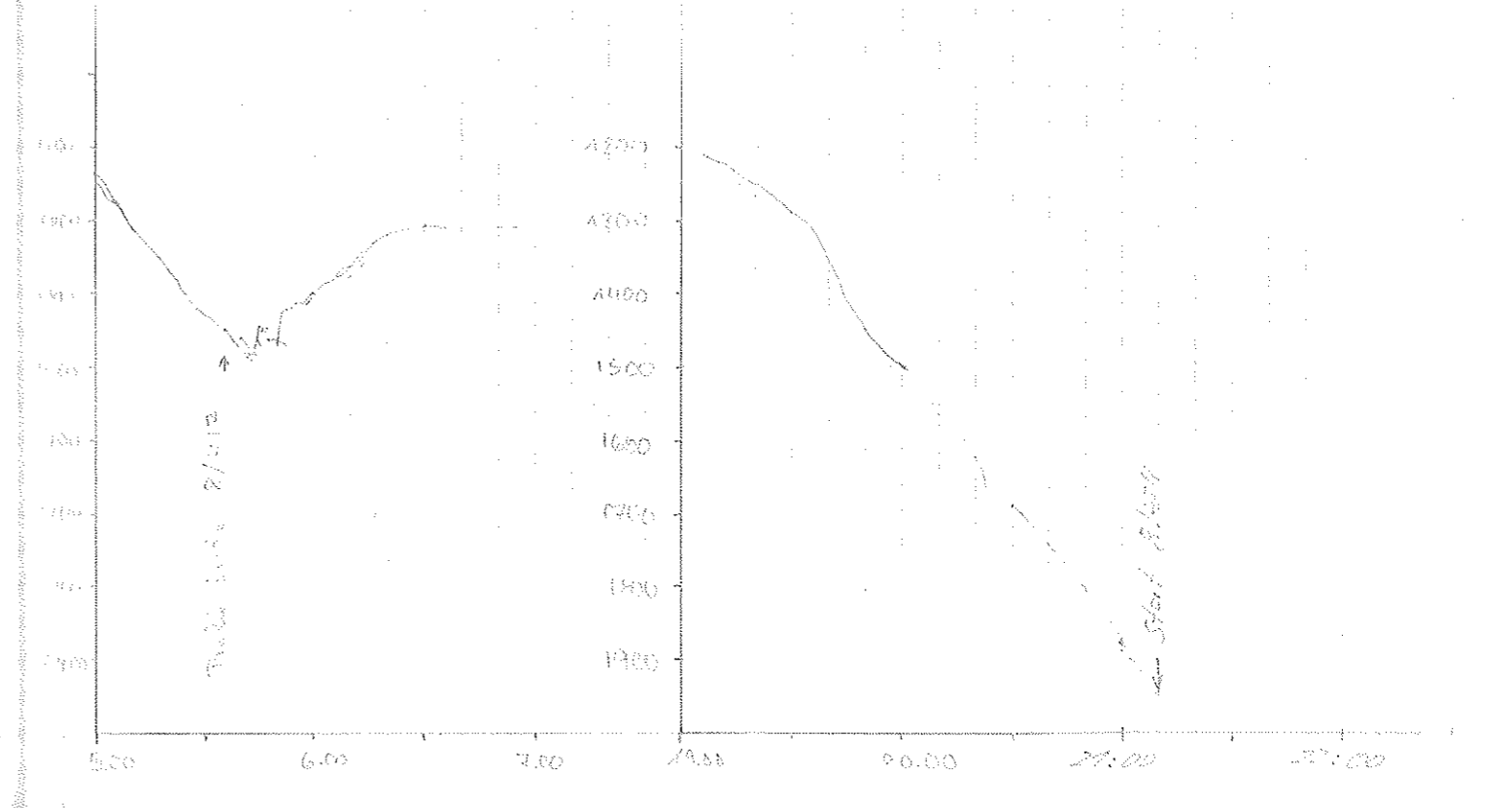
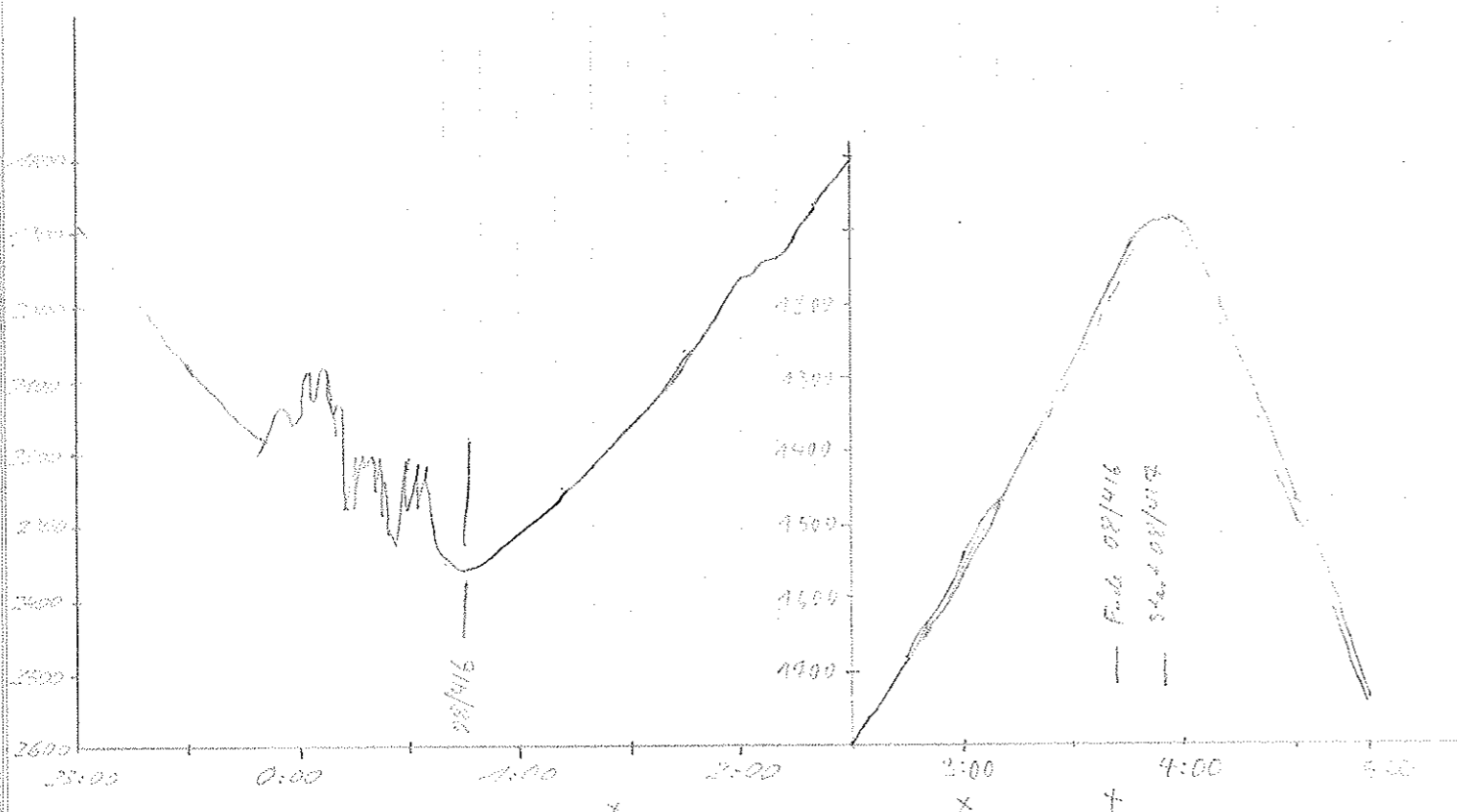
Boat	Profile	Date	Time	Lat	Lon	Course	Speed	Depth	Depth-Range	Sweep	Trip	Delay	Sea	Rate/Range	Notes
23	08/411	02.07.86	00:17	72°57.15	41°20.78	219.6	5.3	2262	1875-2250	2	KP	00	SD		
"	"	"	00:35	58.41	23.95	206.5	5.1	2220	"	"	"	"	"		
"	"	"	01:00	73°00.23	27.85	206.5	5.3	2171	"	"	"	"	"		
"	"	"	01:30	02.82	31.05	183.0	5.3	2086	"	"	"	"	"		
"	"	"	02:00	05.37	29.32	183.2	5.3	2054	"	"	"	"	"		
"	"	"	02:30	07.79	30.83	187.2	5.2	1995	"	"	"	"	"		
"	"	"	03:01	10.26	34.06	204.0	5.2	1909	"	"	"	"	"		
"	"	"	03:13	11.14	35.67	211.2	5.1	1880	1400-1875	5	KPH-P	"	"		
"	"	"	03:30	12.49	38.31	215.1	5.2	1842	"	"	"	"	"		
"	"	"	04:00	14.48	44.88	225.4	5.2	1766	"	"	"	"	"		
"	"	"	04:30	16.08	49.93	238.9	5.0	1627	"	"	"	"	"		
"	8/411 Ende	"	04:58	17.31	57.59	239.1	5.0	1599	"	"	"	"	"		Profile ends
"	"	"	05:30	16.51	59.93	252.5	2.2	1585	"	"	"	"	"		5.20 speed in 8 min
"	8/412 Start	"	05:55	16.56	60° 1.95	106.4	4.6	1605	"	"	"	"	"		Profile Start
"	"	"	06:30	19.53	41° 47.26	129.0	9.5	1640	"	"	"	"	"		Course 135
"	"	"	07:00	22.12	29.81	119.9	10.3	1677	"	"	"	"	"		
"	"	"	07:20	24.41	42.18	121.0	10.6	1751	"	"	"	"	"		
"	"	"	08:32	28.37	40° 40.31	123.0	10.8	1805	"	"	"	"	"		
"	"	"	08:47	30.18	36.84	123.8	10.2	1811	"	"	"	"	"		
24a	"	"	08:46	30.37	34.48	109.8	5.8	1780	"	"	"	"	"		Rolls generated
"	"	"	9:00	31.77	33.44	150.5	5.3	1785	"	"	"	"	"		Start Roll 2.4
"	"	"	9:30	31.67	12.40	57.7	8.6	1741	"	"	"	"	"		
"	"	"	10:00	31.48	09.36	130.5	8.4	1788	"	"	"	"	"		
"	"	"	10:30	33.39	32° 52.05	116.5	9.4	1851	"	"	"	"	"		
"	"	"	11:01	35.77	29.78	128.7	9.6	1773	"	"	"	"	"		
"	"	"	11:33	33.43	28.87	147.0	8.6	1688	"	"	"	"	"		



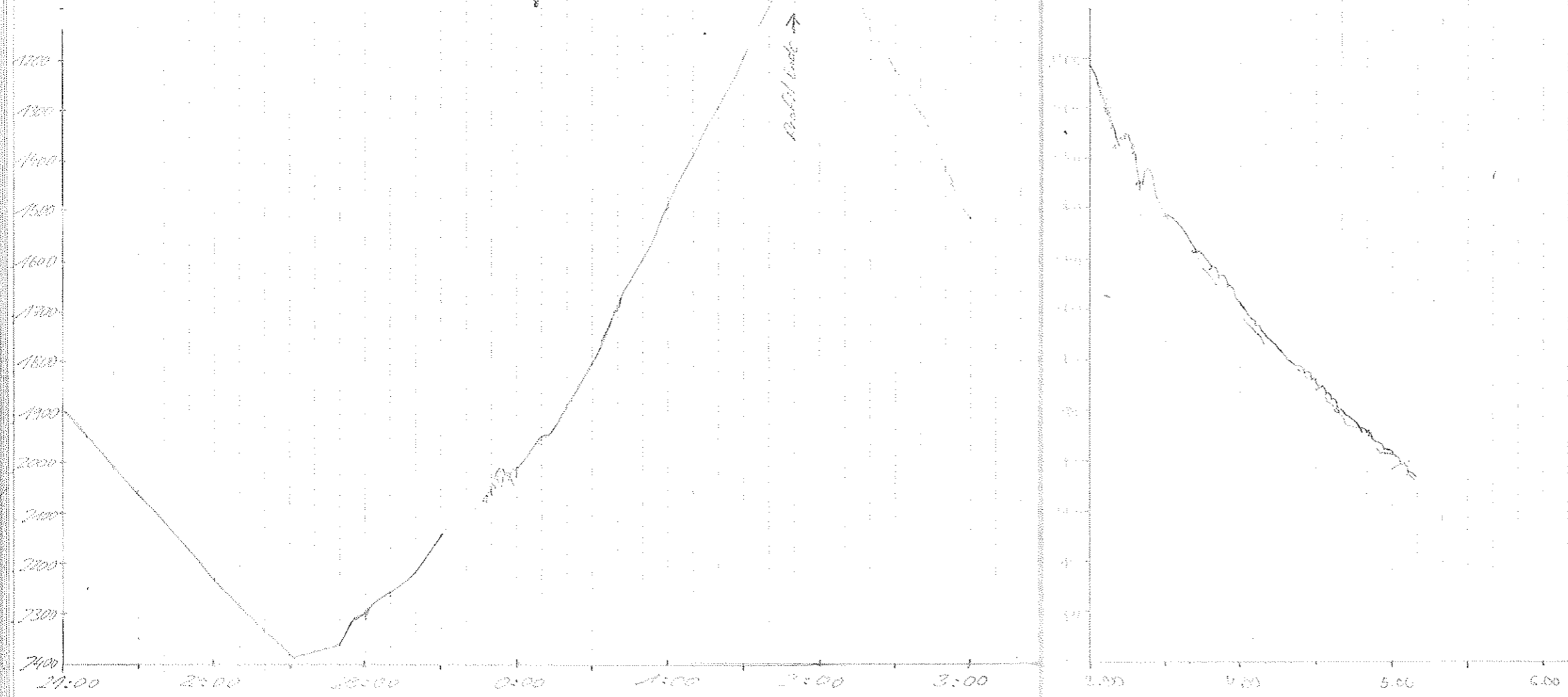
Polle	Profil	Datum	Zeit	Lat	Lon	Kurs	Speed	Tiefe	Wittensbois	Swamp	Wigo	Delay	Secu	Pulsezahl	Notes
24 a	8/412	02.02.86	12.00	73°41,58'S	38°14,44'W	114.1	10.6	1868	1500-1875	5	KPK-P	00	Sao	1	
"	"	"	12:07	42,18	10,23	114.0	10,8	1895	1875-2250	2	KP	00	"	"	
"	"	"	12.20	43,09	02,99	113,4	7,3	1862	1500-1875	5	KPK-P	"	"	"	
"	8/413	"	12.42	45,75	38°56,42	102,6	5,3	1846	"	"	"	"	"	"	Start Profil 08/413
"	"	"	13.04	44,49	45,67	103,8	10,2	1894	1875-2250	2	KP	"	"	"	
"	"	"	13.30	45,00	30,16	104,5	9,9	2035	"	"	"	"	"	"	
"	"	"	14.00	46,90	13,90	103,2	10,4	2081	"	"	"	"	"	"	
"	"	"	14.30	48,00	37°53,72	102,8	10,4	2038	"	"	"	"	"	"	
"	"	"	15.07	49,43	35,88	102,5	9,9	2106	"	"	"	"	"	"	
"	"	"	15.23	49,86	26,94	101,0	9,9	2543	2100-2075	5	KPK-P	"	"	"	
"	"	"	15.29	50,06	23,22	101,2	9,9	2251	1875-2250	2	KP	"	"	"	
"	"	"	15.41	50,46	16,21	101,6	9,9	2284	2250-2625	5	KPK-P	"	"	"	
"	"	"	16.00	51,06	05,93	104,7	9,7	2356	"	"	"	"	"	"	
"	"	"	16.07	51,37	04,75	105,5	9,8	2246	1875-2250	2	KP	"	"	"	
"	"	"	16.19	51,91	00,05	105,9	10,1	2240	2250-2625	5	KPK-P	"	"	"	
"	"	"	16.21	51,97	38°54,03	106,2	9,9	2222	1875-2250	2	KP	"	"	"	
"	"	"	16.23	52,16	51,52	106,1	9,0	2284	2250-2625	5	KPK-P	"	"	"	
"	"	"	17.00	53,64	31,21	106,2	10,1	2552	"	"	"	"	"	"	
"	"	"	17.33	55,14	11,92	104,4	9,9	2295	"	"	"	"	"	"	
"	"	"	17.51	56,10	58,09	108,5	10,0	2207	1875-2250	2	KP	"	"	"	
"	8/414	"	18.20	57,16	35°45,36	107,7	7,3	2055	"	"	"	"	"	"	Start Profil 08/414
"	"	"	19.00	74°03,04	52,07	201,2	9,9	1967	"	"	"	"	"	"	
"	"	"	19.30	7,63	58,24	201,8	4,9	2063	"	"	"	"	"	"	
"	"	"	20.00	12,36	35°09,35	198,9	10,1	1883	1500-1875	5	KPK-P	"	"	"	
"	"	"	20.30	17,31	10,32	208,9	10,4	1685	"	"	"	"	"	"	
"	"	"	20.44	19,38	14,43	206,1	10,4	1521	1475-1500	2	KP	"	"	"	
"	"	"	21.00	24,92	18,20	194,7	10,3	1395	"	"	"	"	"	"	
"	"	"	21.13	25,33	22,67	145,7	10,1	1207	"	"	"	"	"	"	Profil Ende
"	8/415	"	21.34	25,93	15,87	65,2	9,9	1176	"	"	"	"	"	"	Start Profil 08/415
"	"	"	22.10	20,25	07,36	19,4	10,5	1511	1500-1875	5	KPK-P	"	"	"	
"	"	"	22.30	17,77	03,33	13,9	10,5	1688	"	"	"	"	"	"	
"	"	"	22.58	12,81	35°58,03	19,6	10,3	1684	1875-2250	2	KP	"	"	"	



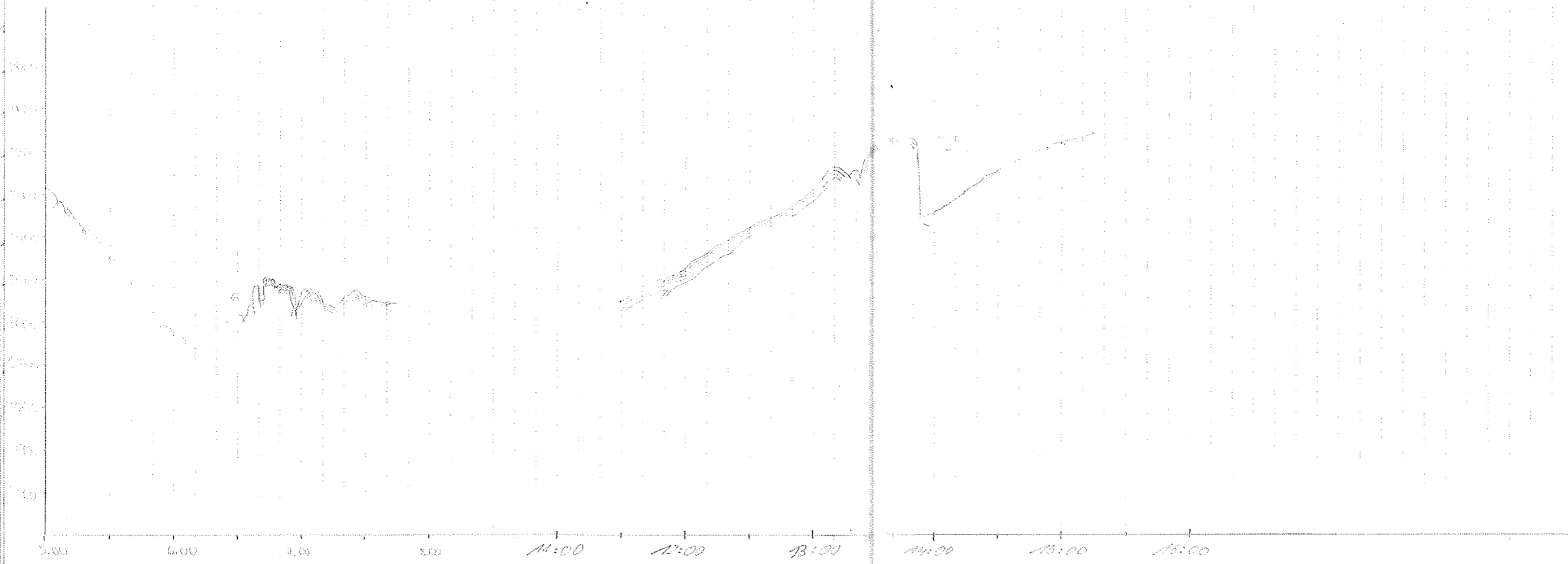
Rolle	Profil	Datum	Zeit	Lat S	Lon W	Kurs	Speed	Depth	Depth-Range	Sweep	Trigger	Delay	Scan	Pulse length	Note
24a	8/415	2.2.86	23:30	74°07.85	35°59.33	24.3	10.3	2074	1815-2250	2	KP	0	500		
"	"	3.2.86	2:00	74°08.08	45.10	18.8	10.1	2160	"	"	"	"	"	"	"
"	"	"	0:26	73°58.86	39.59	20.4	10.3	2238	1750-2625	5	KPKP-	"	"	"	"
"	"	"	0:34	73°59.62	35°39.75	61.8	9.3	2250	1875-2250	2	KP	"	"	"	Profil-Ende
"	08/416	"	0:46	73°58.41	35°31.84	124.9	10.1	2344	2350-2625	5	KPKP-	"	"	"	Profil-Start
"	"	"	1:14	74°02.92	35°39.47	200.3	10.7	2252	1775-2250	2	KP	"	"	"	"
"	"	"	1:45	09.95	43.89	199.7	10.5	2065	"	"	"	"	"	"	"
"	"	"	2:15	12.43	49.87	199.9	10.4	1999	"	"	"	"	"	"	"
"	"	"	2:20	13.33	54.09	199.9	10.5	1874	1500-1875	5	KPKP-P	"	"	"	"
"	"	"	2:50	18.19	58.32	195.0	10.6	1646	"	"	"	"	"	"	"
"	"	"	3:05	20.86	36°04.30	194.4	10.3	1997	1125-1500	2	KP	"	"	"	"
"	"	"	3:41	26.60	09.94	194.4	10.2	1939	1175-1500	"	"	"	"	"	Profil-Ende
"	08/417	"	3:55	27.11	02.39	41.3	9.6	1095	1075-1500	"	"	"	"	"	Profil-Start
"	"	"	4:30	21.64	35°59.49	42.1	10.2	1468	1175-1500	2	KP	"	"	"	"
"	"	"	4:34	20.92	59.41	17.2	10.4	1515	1175-1875	5	KPKP-P	"	"	"	"
"	"	"	5:01	16.32	46.92	18.9	9.8	1710	"	"	"	"	"	"	"
"	"	"	5:23	13.24	48.31	20.5	10.1	1891	1175-2750	2	KP	"	"	"	"
"	"	"	5:30	11.93	41.79	21.1	9.9	1935	"	"	"	"	"	"	"
"	"	"	5:35	11.23	40.83	20.0	9.9	1951	"	"	"	"	"	"	Profil-Ende, Aufnahmen Verarbeitung D-2
"	"	"	6:00	13.28	29.76	131.3	8.4	1900	"	"	"	"	"	"	"
"	"	"	6:04	13.61	28.32	131.2	7.0	1884	1500-1875	5	KPKP-P	"	"	"	"
"	"	"	6:30	14.65	22.95	141.1	9.7	1805	"	"	"	"	"	"	"
"	"	"	6:35	14.80	22.80	166.2	0.1	1801	"	"	"	"	"	"	Vor. an Bord Strecke By Anlaufen 70 f. d. d., Gänge 110 f. d. d.
"	"	"	6:55	14.81	22.42	71.5	0.4	1808	"	"	"	"	"	"	"
24b	"	"	19:07	74°24.73	35°42.75	180.0	9.6	1904	1125-1500	2	KP	"	"	"	"
"	"	"	19:30	23.42	42.25	5.7	4.6	1292	"	"	"	"	"	"	"
"	"	"	20:01	20.65	44.07	260.2	4.7	1107	"	"	"	"	"	"	"
"	"	"	20:30	17.54	44.46	346.3	5.7	1689	"	"	"	"	"	"	"
"	"	"	21:02	13.07	42.73	16.2	10.2	1891	1575-2250	2	KP	"	"	"	"
"	08/424	"	21:04	11.46	40.60	19.5	10.1	1943	"	"	"	"	"	"	Profil-Start



Roll	Profile	Date	Time	Lat S	Lon W	Course	Speed	Depth	Depth-Range	Sweep	Trigger	max Delay	max scan	Pulse length	Note
24 b	08/114	3.2.86	21:30	74°08.54	35°36.70	33.8	9.7	2058	1875-2250	2	KP	0	500	A	
"	"	"	22:01	03.81	30.41	24.2	9.9	2237	"	"	"	"	"	"	
"	"	"	22:07	02.83	29.45	20.8	10.0	2266	2250-2675	5	KKP-	"	"	"	
"	"	"	22:31	73°58.92	23.90	30.4	9.9	2387	"	"	"	"	"	"	Ende Profil
"	08/125	"	22:44	30.47	16.62	183.9	9.9	2375	"	"	"	"	"	"	Start Profil
"	"	"	23:02	74°02.03	19.88	203.8	10.2	2303	"	"	"	"	"	"	
"	"	"	23:11	02.71	24.37	205.7	9.7	2257	1875-2250	2	KP	"	"	"	
"	"	"	23:37	06.26	26.00	198.0	9.9	2143	"	"	"	"	"	"	
"	"	4.2.86	0:07	11.06	34.97	197.3	9.7	2071	"	"	"	"	"	"	
"	"	"	0:45	13.63	34.87	195.3	9.8	1887	1500-1875	5	KKP-D	"	"	"	
"	"	"	0:45	17.57	47.54	197.1	9.8	1677	"	"	"	"	"	"	
"	"	"	1:03	20.83	45.49	207.2	10.2	1505	1175-1500	2	KP	"	"	"	
"	"	"	1:30	24.35	50.75	200.3	9.8	1377	"	"	"	"	"	"	
"	"	"	1:58	26.29	52.39	207.5	9.5	1137	750-1175	3	K-P	"	"	"	
"	"	"	1:49	27.97	54.73	182.0	9.7	903	"	"	"	"	"	"	Ende Profil
"	08/126	"	2:03	28.22	47.73	16.3	8.5	923	"	"	"	"	"	"	Start Profil, change direct.
"	"	"	2:21	25.70	41.56	18.4	9.8	1153	1125-1500	2	KP	"	"	"	
"	"	"	2:30	24.57	43.43	17.0	9.8	1223	"	"	"	"	"	"	
"	"	"	2:37	20.12	37.17	20.6	9.9	1519	1500-1875	5	KP-K-P	"	"	"	
"	"	"	3:35	14.65	28.78	21.4	9.8	1834	"	"	"	"	"	"	
"	"	"	3:43	13.41	27.00	21.5	9.7	1887	1875-2250	2	KP	"	"	"	
"	"	"	4:00	10.28	27.36	21.2	9.9	1985	"	"	"	"	"	"	
"	"	"	4:30	6.06	17.97	17.6	9.8	2141	"	"	"	"	"	"	
"	"	"	4:53	2.53	13.54	18.0	9.7	2261	2250-2625	5	KP-K-P	"	"	"	
"	"	"	5:00	1.46	12.27	11.9	9.8	2284	"	"	"	"	"	"	
"	"	"	5:07	74°00.37	35°40.60	186	9.8	2319	"	"	"	"	"	"	Profil Ende

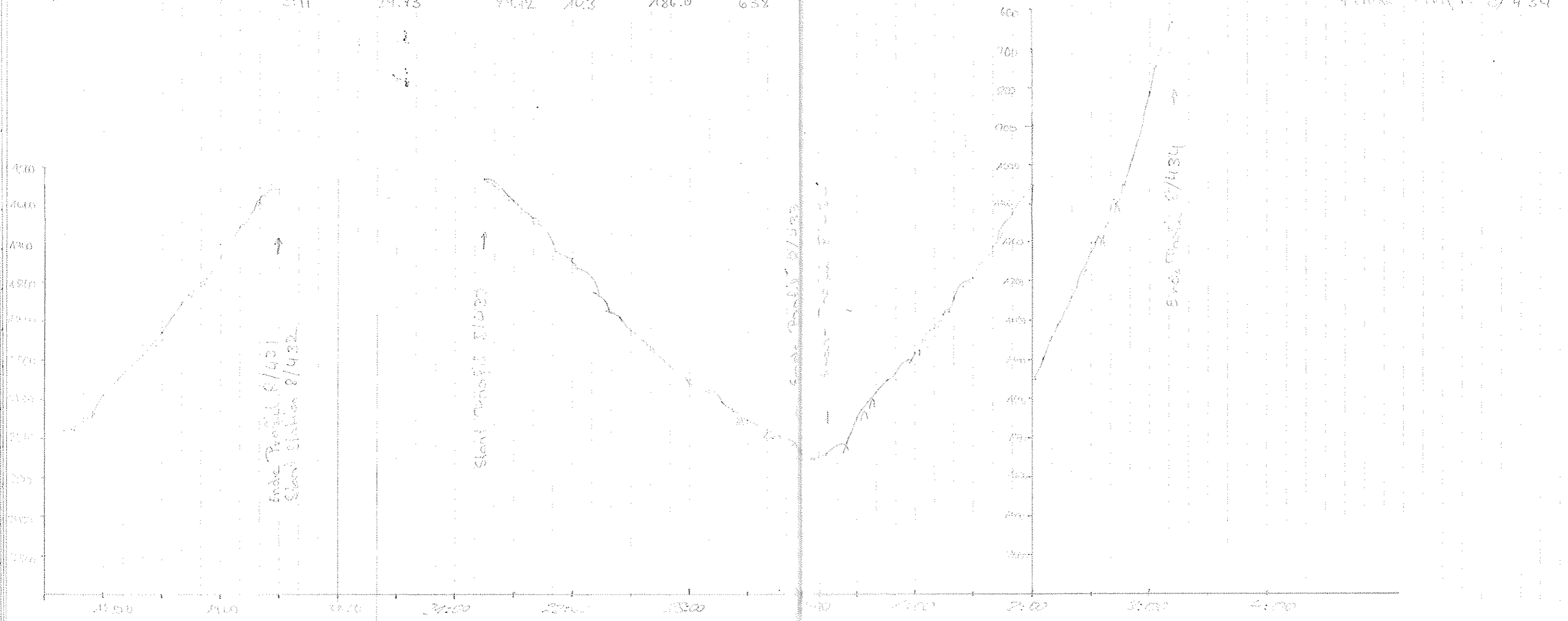


Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth Range	Sweep	Trigger	range Delay	range scan	pulse length	Note
246	8/427	4.2.86	5:07	74° 00:37	35° 10.60	9.8	180	2314	2250 - 2625	5	KPWP	0000	500	1.0	Start Profil
"	"	"	5:30	73° 56.53	12.06	9.7	353.3	2430	"	"	"	"	"	"	"
"	"	"	6:02	51.29	12.58	9.8	352.6	2628	"	"	"	"	"	"	"
"	"	"	6:07	50.51	12.04	10.2	249.7	2642	2650 - 3000	2	KP	"	"	"	"
"	"	"	6:28	47.08	16.21	10.4	344.5	2540	2250 - 2625	5	KPVP	"	"	"	"
"	"	"	7:04	47.60	17.25	10.2	343.0	2533	"	"	"	"	"	"	"
"	"	"	7:30	38.34	17.81	4.2	0.2	2546	"	"	"	"	"	"	"
"	"	"	7:42	36.82	17.15	3.7	358.3	2556	"	"	"	"	"	"	Profil Ende
"	"	"	11:38	35.89	21.81	2.1	191.4	2553	"	"	"	"	"	"	"
"	5/429	"	11:53	37.96	23.73	8.0	185.7	2498	"	"	"	"	"	"	Start Profil um 11:48
"	"	"	12:33	44.38	22.89	10.2	185.4	2371	"	"	"	"	"	"	"
"	"	"	13:03	49.51	26.20	9.8	186.6	2264	1875 - 2150	2	KP	"	"	"	"
"	"	"	13:33	54.35	32.10	10.1	184.7	2183	"	"	"	"	"	"	"
"	"	"	13:57	57.86	35.25	10.0	184.8	2336	2150 - 2625	5	KPWP	"	"	"	"
"	"	"	14:36	70° 02:20	42.04	6.4	205.7	2262	1875 - 2250	2	KP	"	"	"	"
"	"	"	14:31	03.63	42.22	5.7	208.0	2250	"	"	"	"	"	"	Profil Ende
"	"	"	15:01	04.68	46.12	3.3	146.2	2178	"	"	"	"	"	"	"
"	"	"	15:16	05.14	49.97	1.0	167.7	2154	"	"	"	"	"	"	Stand by

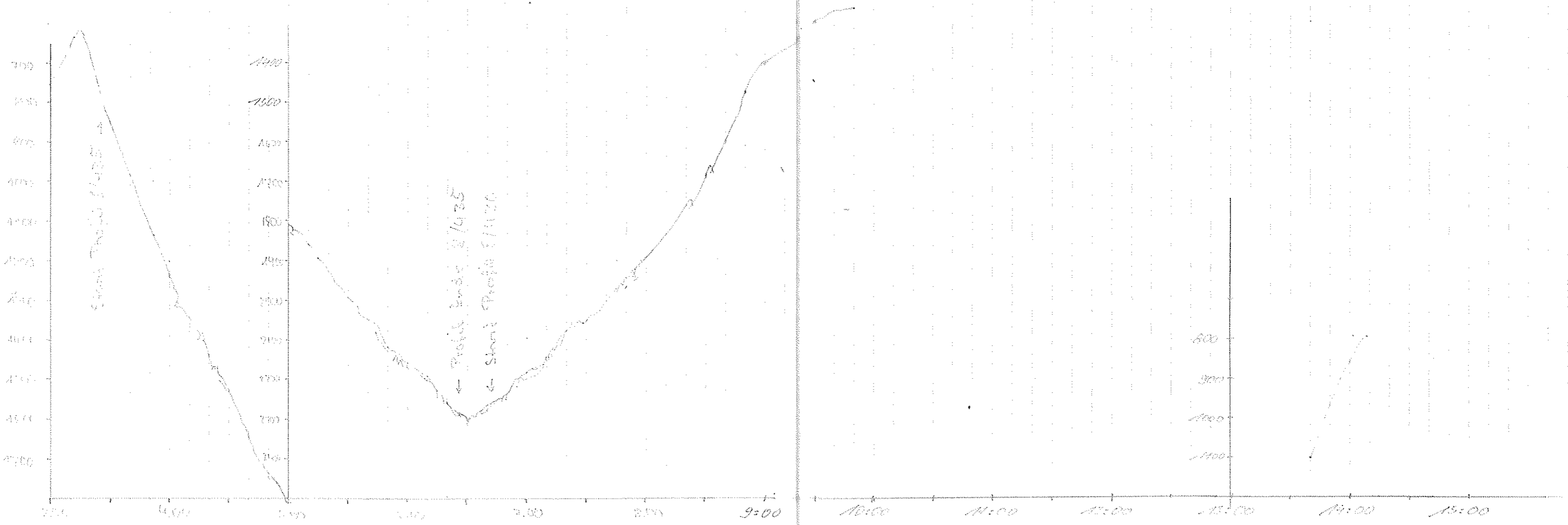




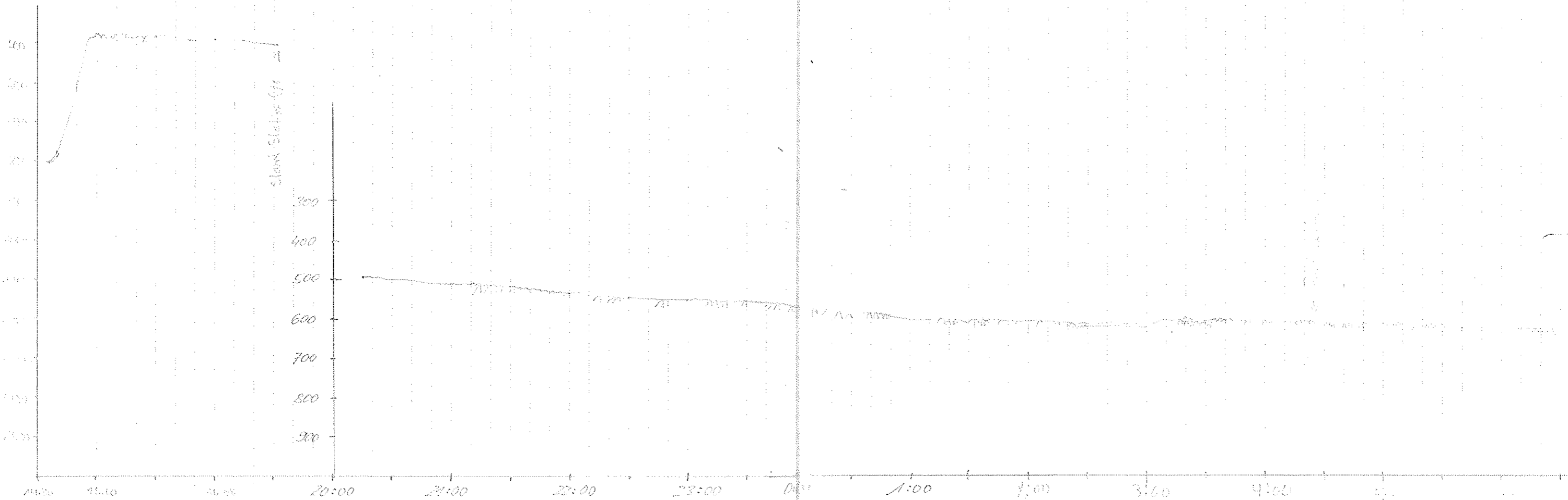
Roll	Profile	Date	Time	Lat	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	Range Delay	m sec occur	pulse length	Note
24b	8/431	4.2.86	17:31	34° 05.95	35° 38.45	2.5	967.0	2144	1875-2250	2	KP	0000	500	1	Ende Station 8/430, Start Profile 8/431
"	"	"	18:01	07.55	46.51	10.1	903.8	2084	"	"	"	"	"	"	
"	"	"	18:30	12.08	58.23	10.1	853.2	1930	"	"	"	"	"	"	
"	"	"	18:36	13:01	54.25	10.1	203.9	1879	4500 - 1875	5	KP k-P	"	"	"	
"	"	"	19:00	16:23	54.68	10.0	201.6	1732	"	"	"	"	"	"	Ende Profil, Folienwechsel, Unklar Profil
25	"	"	19:27	20:07	36° 00.90	2.5	174.1	1560	"	"	"	"	"	"	
"	8/433	"	21:15	20:54	35° 57.67	2.0	127.3	1537	"	"	"	"	"	"	Profil Start 21:40
"	"	"	21:41	18:54	53.34	7.1	7.1	1637	"	"	"	"	"	"	
"	"	"	22:00	16:30	46.30	10.6	47.8	170	"	"	"	"	"	"	Ende Profil 8/433, Start Profil 8/434
"	"	"	22:24	18:03	34.70	10.4	37.4	1886	1875-2250	2	KP	"	"	"	
"	"	"	23:00	08:51	24.06	10.4	43.9	200	"	"	"	"	"	"	
"	"	"	23:30	08:41	07.32	10.5	46.0	2151	"	"	"	"	"	"	
"	8/434	5.2.86	23:58	04:50	34° 56.73	10.0	48.0	210	"	"	"	"	"	"	Ende Profil 8/433, Start Profil 8/434
"	"	"	0:14	04:53	26.45	3.5	208.7	2122	"	"	"	"	"	"	
"	"	"	0:46	06:39	35° 02.64	3.3	199.3	2050	"	"	"	"	"	"	Ende Profil 8/434
"	"	"	1:00	08:44	05.68	10.0	202.0	1975	"	"	"	"	"	"	
"	"	"	1:16	14:32	09.02	10.2	200.0	1880	4500 - 1875	5	KP k-P	"	"	"	
"	"	"	1:30	13:57	14.66	10.2	196.2	1785	"	"	"	"	"	"	
"	"	"	2:06	19:47	19.69	10.2	199.4	1487	1125 - 4500	2	KP	"	"	"	
"	"	"	2:32	23:24	24.74	9.9	196.9	1204	"	"	"	"	"	"	
"	"	"	2:41	24:44	26.31	9.2	194.7	1094	750 - 4500	3	k-P	"	"	"	
"	"	"	3:00	27:23	28.32	10.1	187.0	809	"	"	"	"	"	"	
"	"	"	3:03	22:55	38.58	10.2	198.4	753	275 - 750	3	KP	"	"	"	
"	"	"	3:11	24:73	44.72	10.3	186.0	638	"	"	"	"	"	"	



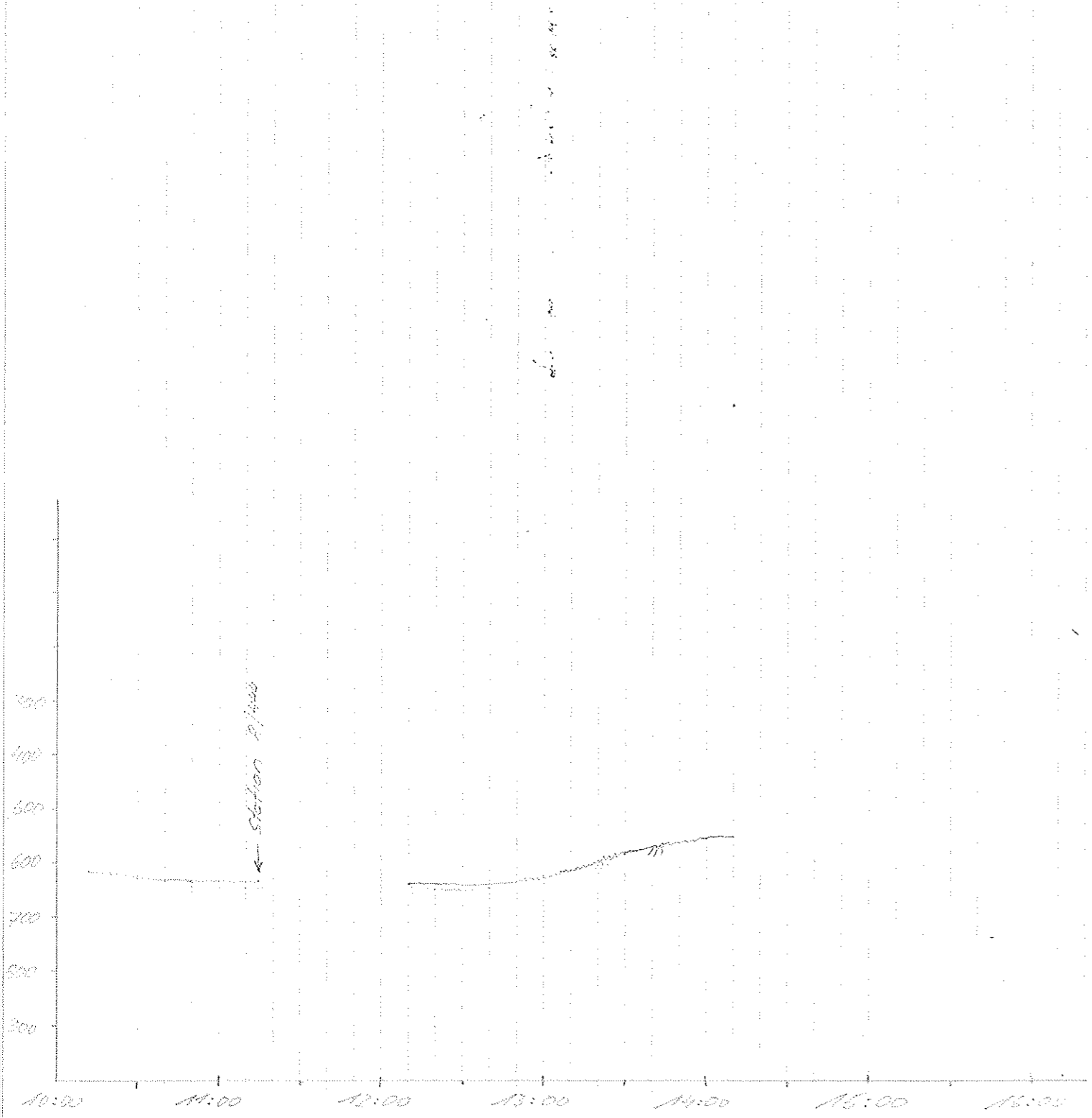
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth Range	Sweep	Trigger	mscc Delay	msec scan	pulse length	Note
25	8/435	5.2.86	3:25	29° 29.63	36° 37.17	9.4	341.2	773	750 - 1125	3	K-P	6500	500	1.0	Start Profile, Change Direction
"	"	"	3:52	29.23	37.46	10.2	300.9	1138	1125 - 1500	2	K-P	"	"	"	
"	"	"	4:01	29.03	38.32	10.7	257	1204	"	"	"	"	"	"	
"	"	"	4:28	19.91	38.02	10.6	27.3	1515	1500 - 1875	5	KPK-P	"	"	"	2. Inds. starting off time
"	"	"	5:00	14.37	70.94	10.9	21.4	1805	"	"	"	"	"	"	
"	"	"	5:13	12.25	17.70	10.6	21.4	1893	1875 - 2250	2	K-P	"	"	"	
"	"	"	6:38	9.01	12.22	10.0	18.5	2015	"	"	"	"	"	"	
"	"	"	6:54	4.28	8.91	10.1	17.8	2169	"	"	"	"	"	"	
"	"	"	6:22	1.61	4.53	10.5	17.7	2264	2250 - 2625	5	KPK-KP	"	"	"	
"	"	"	6:27	0.89	3.67	10.1	15.7	2272	"	"	"	"	"	"	Profile ends, Schleife
"	8/436	"	6:40	1.24	4.00	9.3	206.0	2280	"	"	"	"	"	"	Profile Start, 6:41 Change Direction
"	"	"	6:45	2.04	5.29	9.8	205.6	2297	2275 - 2650	2	K-P	"	"	"	
"	"	"	7:00	4.29	9.04	10.1	206.2	2180	"	"	"	"	"	"	
"	"	"	7:30	8.74	16.84	9.9	203.2	2050	"	"	"	"	"	"	
"	"	"	8:00	13.15	24.10	9.8	204.5	1886	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	8:30	18.08	32.13	9.7	203.2	1684	"	"	"	"	"	"	
"	"	"	8:53	24.10	37.30	10.0	198.1	1474	1125 - 1500	2	K-P	"	"	"	
"	"	"	9:00	27.12	38.30	6.4	204.9	1401	"	"	"	"	"	"	Profile ends
"	"	"	9:34	33.34	42.73	6.7	222.3	1232	"	"	"	"	"	"	
"	"	"	9:49	26.05	43.23	0.0	98.3	1278	"	"	"	"	"	"	Start Station 08/437 9:45
"	"	"	11:40	23.56	42.20	6.6	146.3	1032	750 - 1125	3	K-P	"	"	"	Anchor station
"	"	"	14:09	27.76	36.31	0.2	287.0	796	"	"	"	"	"	"	Start Station 8/439 Stand by



Roll	Profile	Date	Time	Lat S	Long W	Spd	Course	Depth	Depth Range	Sweep	Trigger	msc	msc	msc	msc	Note
25	-	5.2.86	14:36	74° 28.53	35° 35.58	0.4	183.8	803	750 - 1125	3	K-P	0000	500	4.0		Start Station 8/439, End 8/440
"	"	"	14:42	28.89	35.66	7.6	189.2	774	750 - 750	2	K-P	"	"	"		
"	"	"	15:01	29.24	35.75	10.7	189.9	479	"	"	"	"	"	"		
"	"	"	15:23	35.47	36.94	9.9	183.6	472	"	"	"	"	"	"		
"	"	"	16:13	40.02	33.61	3.4	132.0	495	"	"	"	"	"	"		
"	"	"	16:33	40.81	31.96	1.0	60.2	500	"	"	"	"	"	"		
"	"	"	20:45	39.90	29.22	1.6	58.1	495	"	"	"	"	"	"	0.5	Start Station 8/440, End 8/441
"	08/441	"	20:37	39.81	31.27	5.1	29.5	347	"	"	"	"	"	"	"	Profile 20:35
"	"	"	21:00	39.71	31.76	5.2	90.6	516	"	"	"	"	"	"	"	
"	"	"	21:30	40.43	41.76	5.1	108.7	522	"	"	"	"	"	"	"	
"	"	"	22:00	41.14	34.70	5.0	89.4	537	"	"	"	"	"	"	"	
"	"	"	22:30	41.13	34.18	5.2	90.5	547	"	"	"	"	"	"	"	
"	"	"	23:00	40.93	30.48	5.3	86.5	548	"	"	"	"	"	"	"	
"	"	"	23:32	40.63	28.87	5.7	84.7	553	"	"	"	"	"	"	"	
"	"	6.2.86	0:00	40.44	49.02	1.7	87.7	570	"	"	"	"	"	"	"	
"	"	"	0:39	40.08	32.73	5.5	82.4	573	"	"	"	"	"	"	"	
"	"	"	1:38	39.33	14.65	5.3	80.4	606	"	"	"	"	"	"	"	
"	"	"	2:23	39.15	35.80	5.1	90.2	592	"	"	"	"	"	"	"	
"	"	"	3:11	39.74	45.05	5.1	94.2	626	"	"	"	"	"	"	"	
"	"	"	4:00	38.04	30.85	5.0	123.1	630	"	"	"	"	"	"	"	
"	"	"	4:24	38.31	29.49	5.4	112.2	601	"	"	"	"	"	"	"	
"	"	"	4:52	38.02	29.54	5.5	112.7	612	"	"	"	"	"	"	"	
"	"	"	5:11	38.21	31.31	5.5	113.7	612	"	"	"	"	"	"	"	
"	"	"	5:21	38.02	31.29	5.5	113.7	612	"	"	"	"	"	"	"	
"	"	"	6:03	38.14	32.02	6.5	106.4	627	"	"	"	"	"	"	"	
"	"	"	6:27	38.19	37.03	0.9	50.3	671	"	"	"	"	"	"	"	Start Station 8/442

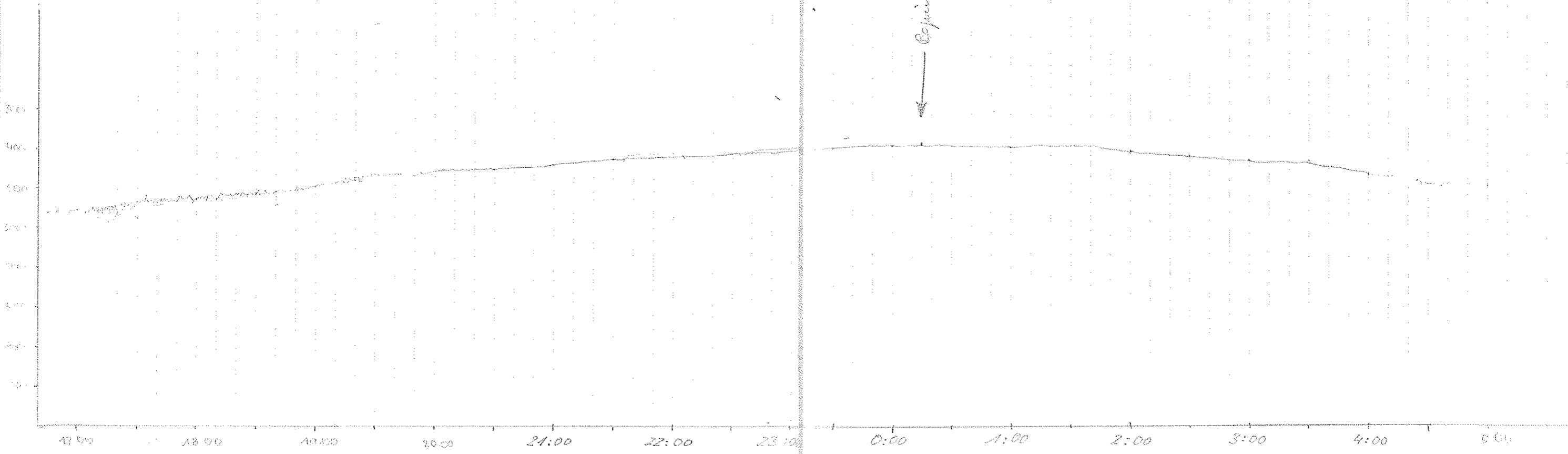


Roll	Sheet	Date	Time	Lat. S	Long. W	Speed	Course	Depth	Depth - Range	Sweep	Trips	range Delay	on sec mean	range length	Notes
25		6.2.56	10:12	74° 39.08	32° 56.79	3.4	134	624	275 - 750	3	KP	0	500	0.5	
"		"	10:50	38.08	32° 04.23	2.7	304.2	633	"	"	"	"	"	"	
"		"	11:15	37.58	04.76	2.7	304.3	635	"	"	"	"	"	"	
"		"	11:43	37.18	04.22	0.2	337.1	634	"	"	"	"	"	"	Start Station 8/444
"		"	12:36	37.12	03.64	3.4	262.2	636	"	"	"	"	"	"	End Station in 12:38
"		"	13:05	37.96	21.73	10.6	247.3	645	"	"	"	"	"	"	
"		"	13:27	38.47	36.02	10.5	224.8	573	"	"	"	"	"	"	
"		"	14:01	40.34	56.55	5.8	263.2	558	"	"	"	"	"	"	
"		"	14:40	42.20	57.44	2.2	81.3	553	"	"	"	"	"	"	Stand By
"		"	14:45	40.74	58.39	0.5	311.7	556	"	"	"	"	"	"	End Station 8/445

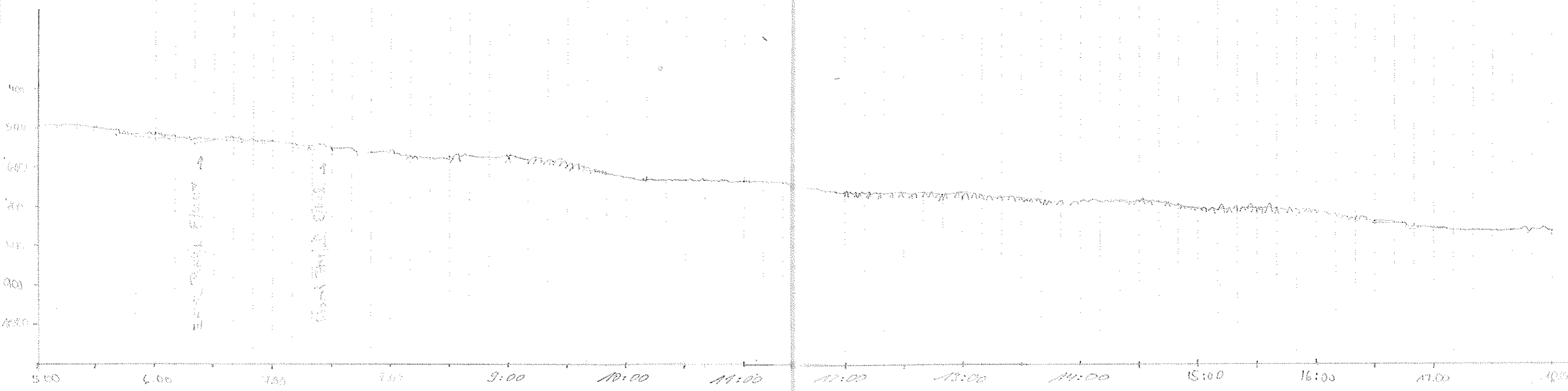


Roll	Profile	Date	Time	Lat S	Long W	Speed	Course	Depth	Depth - Range	Sweep	Triggers	msec Delay	msec scan	pulse length	Note	
25	8/446	6.2.82	16.45	74° 40.74	33° 58.39	0.5	311.7	556	375 - 750	2	KP	0000	500	.5	Start Profile 8/446 17.02 Speed 10.5 km	
"	"	"	17.01	41.12	34° 02.45	4.6	245.9	554	"	"	"	"	"	"		
"	"	"	17.31	43.64	20.20	10.5	248.1	538	"	"	"	"	"	"		
"	"	"	18.03	44.83	39.34	9.9	249.6	531	"	"	"	"	"	"		
"	"	"	18.30	46.70	54.77	7.2	247.1	516	"	"	"	"	"	"		
"	"	"	19.01	48.19	35° 2.18	5.3	247.5	499	"	"	"	"	"	"		
"	"	"	19.38	50.38	24.50	9.7	232.1	466	"	"	"	"	"	"		
"	"	"	20.03	51.42	32.73	4.7	251.4	461	"	"	"	"	"	"		
"	"	"	20.30	52.15	39.37	5.6	249.6	453	"	"	"	"	"	"		
"	"	"	21.00	53.43	52.48	8.4	249.2	441	"	"	"	"	"	"		
"	"	"	21.30	54.77	26° 08.03	7.2	236.0	425	"	"	"	"	"	"	ab 19.45 sig	
"	"	"	22.00	55.42	05.60	1.0	250.7	419	"	"	"	"	"	"		
"	"	"	22.30	56.45	16.84	7.1	266.0	415	"	"	"	"	"	"		
"	"	"	23.01	57.00	27.47	8.1	244.8	399	"	"	"	"	"	"		
"	"	"	23.30	58.31	30.50	10.9	243.4	390	"	"	"	"	"	"		
"	"	7.2.86	0:00	59.46	54.84	10.0	245.9	390	"	"	"	"	"	"		
"	8/447	"	0:14	75° 00.38	59.88	6.4	152.2	389	"	"	"	"	"	"		Profile begins 8/447
"	"	"	1:00	04.68	37° 12.55	8.5	217.2	393	"	"	"	"	"	"		
"	"	"	1:30	08.66	21.66	10.2	212.6	397	"	"	"	"	"	"		
"	"	"	2:00	12.82	15.93	9.7	138.9	405	"	"	"	"	"	"		
"	"	"	2:30	16.54	02.94	9.9	138.5	419	"	"	"	"	"	"		
"	"	"	3:07	20.09	36° 49.53	9.7	135.2	430	"	"	"	"	"	"		
"	"	"	3:30	20.10	31.67	10.4	72.1	441	"	"	"	"	"	"		
"	"	"	4:00	20.70	13.27	10.1	129.0	456	"	"	"	"	"	"		
"	"	"	4:13	21.84	7.29	6.4	123.1	468	"	"	"	"	"	"		
26a	"	"	4:25	22.05	2.12	7.6	119.2	475	"	"	"	"	"	"	Redepositional Start	
"	"	"	5:00	21.10	35° 48.11	6.1	91.9	443	"	"	"	"	"	"		

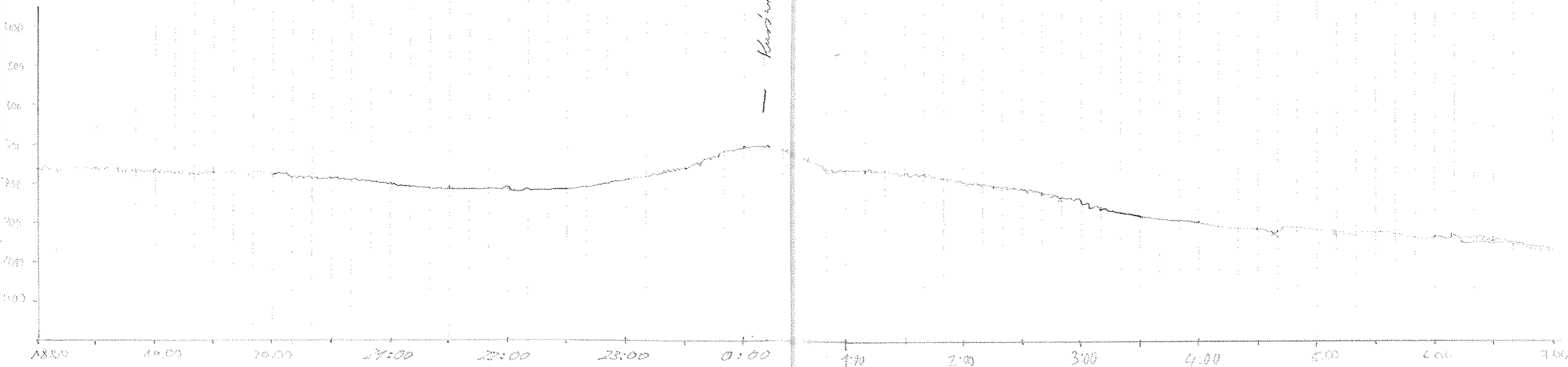
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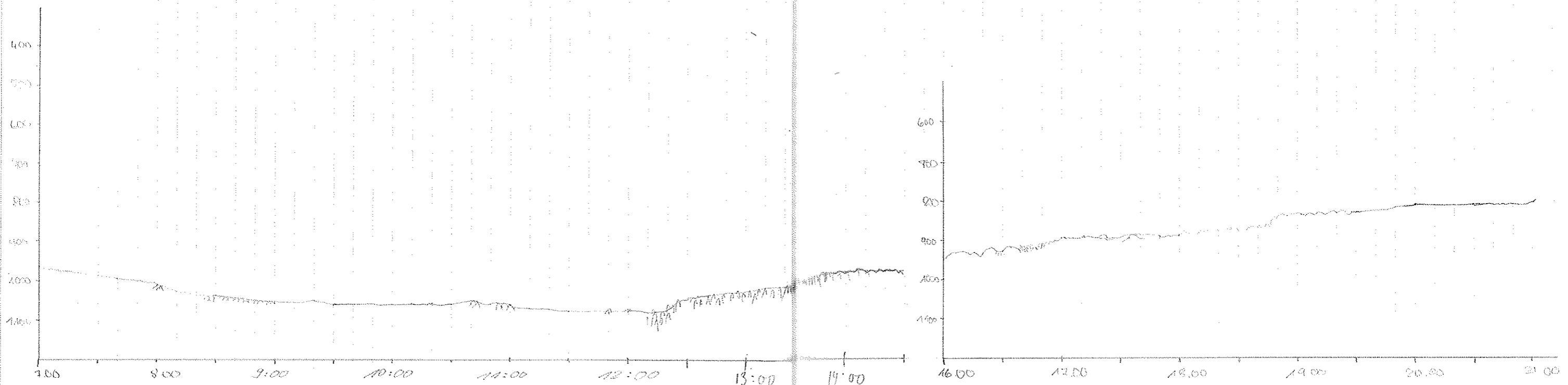
Poll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	m sec Delay	msec scan	Pulse length	Note
26a	8/447	72.86	5:30	75° 20.18	36° 34.53	4.6	95.3	498	375 - 750	2	KP	0000	500	.5	
"	"	"	6:03	20.35	26.95	9.0	84.8	511	"	"	"	"	"	"	
"	"	"	6:22	20.04	17.20	13.2	79.2	527	"	"	"	"	"	"	End of Profile 8/447
"	"	"	7:01	20.42	8.46	3.1	137.5	537	"	"	"	"	"	"	
M26	8/448	"	7:26	22.50	1.75	5.1	135.9	542	"	"	"	"	"	"	Start Profile 8/448
"	"	"	7:42	23.63	59.08	5.1	137.8	552	"	"	"	"	"	"	
"	"	"	8:00	24.65	34° 56.12	5.0	134.4	550	"	"	"	"	"	"	
"	"	"	8:30	25.95	49.66	4.9	105.5	578	"	"	"	"	"	"	
"	"	"	9:00	26.43	40.07	4.9	97.4	575	"	"	"	"	"	"	
"	"	"	9:37	27.03	27.52	5.0	91.9	606	"	"	"	"	"	"	
"	"	"	10:09	27.12	17.88	5.0	144.9	627	"	"	"	"	"	"	
"	"	"	10:31	28.14	11.95	5.0	127.7	626	"	"	"	"	"	"	
"	"	"	11:00	29.50	04.68	5.0	130.8	631	"	"	"	"	"	"	
"	"	"	11:30	29.96	33° 53.16	5.1	94.7	630	"	"	"	"	"	"	
"	"	"	12:00	31.02	44.56	5.2	132.3	666	"	"	"	"	"	"	
"	"	"	12:30	32.93	36.92	5.2	136.6	665	"	"	"	"	"	"	
"	"	"	13:00	33.96	32.70	4.6	137.0	674	"	"	"	"	"	"	
"	"	"	13:30	35.68	25.65	4.7	135.1	690	"	"	"	"	"	"	
"	"	"	14:00	37.48	20.89	4.8	130.2	682	"	"	"	"	"	"	
"	"	"	14:30	39.88	13.17	4.8	163.5	692	"	"	"	"	"	"	
"	"	"	15:00	42.37	17.60	4.9	172.1	711	"	"	"	"	"	"	
"	"	"	15:30	44.04	16.60	5.2	170.4	724	"	"	"	"	"	"	
"	"	"	16:00	47.35	14.70	5.0	181.7	728	"	"	"	"	"	"	
"	"	"	16:30	49.28	16.22	5.2	196.0	741	"	"	"	"	"	"	
"	"	"	16:45	51.13	17.60	5.3	194.9	746	525 - 900	2	KP	0700	"	"	
"	"	"	17:01	52.55	19.06	5.2	194.4	751	"	"	"	"	"	"	
"	"	"	17:03	52.66	19.17	5.2	194.0	753	430 - 825	2	KP	0600	"	"	
"	"	"	17:39	55.67	22.37	5.1	186.4	757	"	"	"	"	"	"	
"	"	"	18:00	57.34	24.18	4.9	194.9	762	"	"	"	"	"	"	



Roll	Profile	Time	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msrc Delay	msrc beam	Pulse length	Note
M26	8/448	7.2.86	18:32	75° 59.97	33° 24.29	5.0	168.9	762	450 - 825	2	P-K	0600	500	1.0	
"	"	"	19:01	76° 2.21	31.43	5.1	159.2	767	"	"	"	"	"	"	
"	"	"	19:30	4.47	25.83	5.1	159.9	766	750 - 1125	3	K-P	0000	"	"	
"	"	"	19:03	3.19	15.37	4.8	163.3	775	"	"	"	"	"	"	
"	"	"	20:30	09.47	14.14	4.9	165.6	785	"	"	"	"	"	"	
"	"	"	21:00	11.75	11.36	4.8	161.9	798	"	"	"	"	"	"	
"	"	"	21:30	14.54	07.61	5.0	163.5	800	"	"	"	"	"	"	
"	"	"	22:03	16.46	32° 59.10	5.2	155.7	817	"	"	"	"	"	"	
"	"	"	22:30	18.03	59.22	5.1	158.6	816	"	"	"	"	"	"	
"	"	"	23:04	21.20	53.83	5.0	154.9	794	"	"	"	"	"	"	
"	"	"	23:30	23.44	49.35	4.8	172.0	758	"	"	"	"	"	"	
"	"	"	23:34	23.74	48.91	5.1	170.3	748	375 - 750	2	KP	"	"	"	
"	"	8.2.86	01:00	25.77	47.76	5.0	187.3	702	"	"	"	"	"	"	
"	"	"	0:12	26.36	50.65	4.8	242.8	701	450 - 825	2	P-K	600	"	"	
"	"	"	0:40	27.47	58.98	4.8	242.1	737	"	"	"	"	"	"	
"	"	"	1:10	28.53	33° 07.87	5.0	240.5	765	"	"	"	"	"	"	
"	"	"	1:40	29.17	17.04	4.9	240.6	775	"	"	"	"	"	"	
"	"	"	2:15	31.08	27.69	4.8	241.9	807	750 - 1125	3	K-P	000	"	"	
"	"	"	2:40	32.03	35.25	5.0	247.5	829	"	"	"	"	"	"	
"	"	"	3:00	32.74	41.38	5.2	245.6	845	"	"	"	"	"	"	
"	"	"	3:30	33.85	57.32	4.8	232.7	877	"	"	"	"	"	"	
"	"	"	4:00	34.90	34° 00.50	4.6	242.3	893	"	"	"	"	"	"	
"	"	"	4:33	36.17	10.79	4.9	240.5	908	"	"	"	"	"	"	
"	"	"	5:02	37.35	19.58	4.8	240.9	913	"	"	"	"	"	"	
"	"	"	5:34	38.70	29.85	5.4	239.7	922	"	"	"	"	"	"	
"	"	"	6:00	39.85	38.06	5.1	238.0	932	"	"	"	"	"	"	
"	"	"	6:31	41.41	47.69	5.2	225.0	940	"	"	"	"	"	"	
"	"	"	7:00	43.00	56.25	4.8	239.7	963	"	"	"	"	"	"	

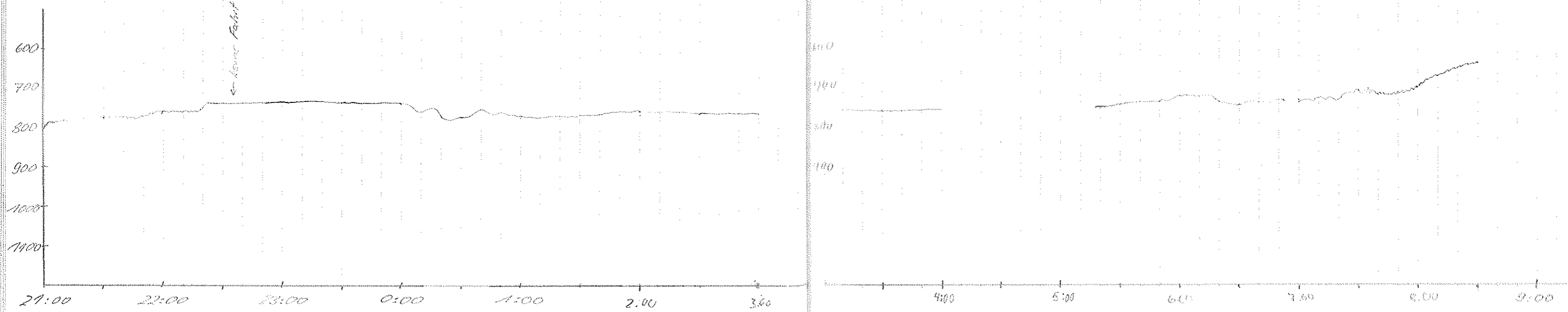


Roll	Pacfil	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec Delay	msec beam	range length	Note
M26	8/148	8.2.86	7:34	76° 44.41	35° 7.22	5.0	240.3	986	750 - 1125	3	K-P	0000	500	1.0	
"	"	"	8:00	45.50	15.52	5.2	238.4	1015	"	"	"	"	"	"	
"	"	"	8:38	47.04	26.30	4.6	223.3	1036	"	"	"	"	"	"	
"	"	"	9:06	48.19	32.20	6.2	194.2	1052	"	"	"	"	"	"	
"	"	"	9:39	51.57	40.91	6.2	244.7	1064	"	"	"	"	"	"	
"	"	"	10:06	53.15	50.72	6.1	228.8	1064	"	"	"	"	"	"	
"	"	"	10:32	55.13	56.83	5.8	215.3	1066	"	"	"	"	"	"	
"	"	"	11:00	56.95	36° 02.19	4.3	137.2	1065	"	"	"	"	"	"	Ende Profil mit Streamer und Magnete
"	"	"	11:31	56.68	35° 57.10	1.9	21.8	1073	"	"	"	"	"	"	
"	"	"	12:00	56.38	58.69	7.3	236.8	1078	"	"	"	"	"	"	
"	"	"	13:14	58.32	36° 41.6	8.1	274.8	1014	"	"	"	"	"	"	viel Eis
"	"	"	14:13	77° 1.42	37° 17.22	8.9	241.7	978	"	"	"	"	"	"	Station 81449 14.49-15.19
"	"	"	15:52	03.08	44.35	7.6	252.7	842	"	"	"	"	"	"	viel Eis
"	"	"	16:34	4.38	38° 6.98	10.6	237.9	914	"	"	"	"	"	"	
"	"	"	17:00	5.74	22.70	7.2	261.7	897	"	"	"	"	"	"	
"	"	"	17:36	6.83	26.23	1.8	232.2	889	"	"	"	"	"	"	
"	"	"	18:01	6.67	32.67	7.0	265.9	588	"	"	"	"	"	"	
"	"	"	18:31	7.02	50.05	6.8	252.2	911??	"	"	"	"	"	"	
"	"	"	19:03	5.96	39° 5.47	2.0	71.3	838	"	"	"	"	"	"	
"	"	"	19:32	5.44	1.63	2.0	65.2	830	"	"	"	"	"	"	
"	"	"	20:00	05.26	00.57	1.9	244.3	808	"	"	"	"	"	"	
"	"	"	20:30	05.14	00.80	1.6	68.9	805	"	"	"	"	"	"	
"	"	"	21:01	06.72	14.60	1.3	222.9	800	"	"	"	"	"	"	

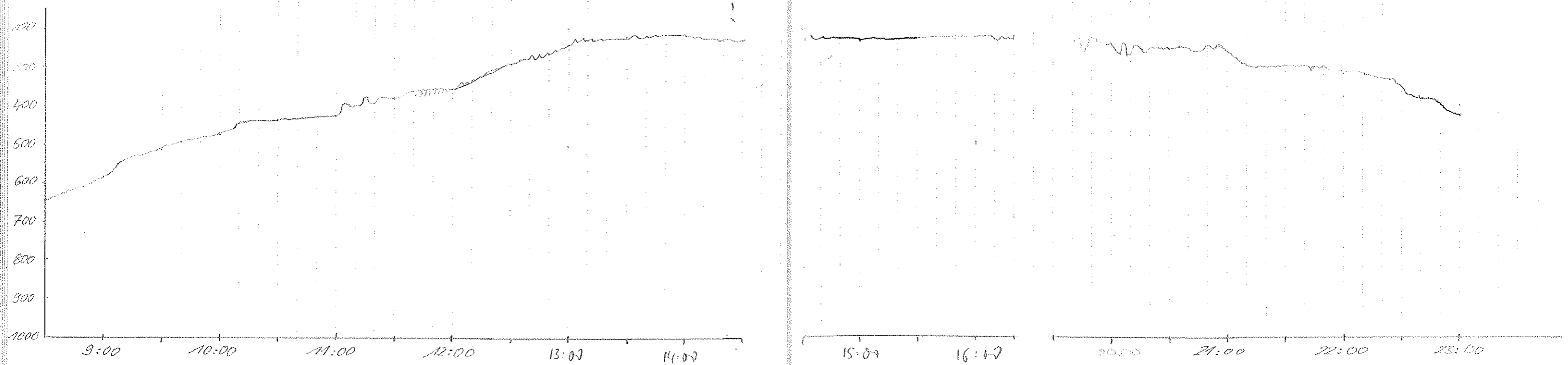




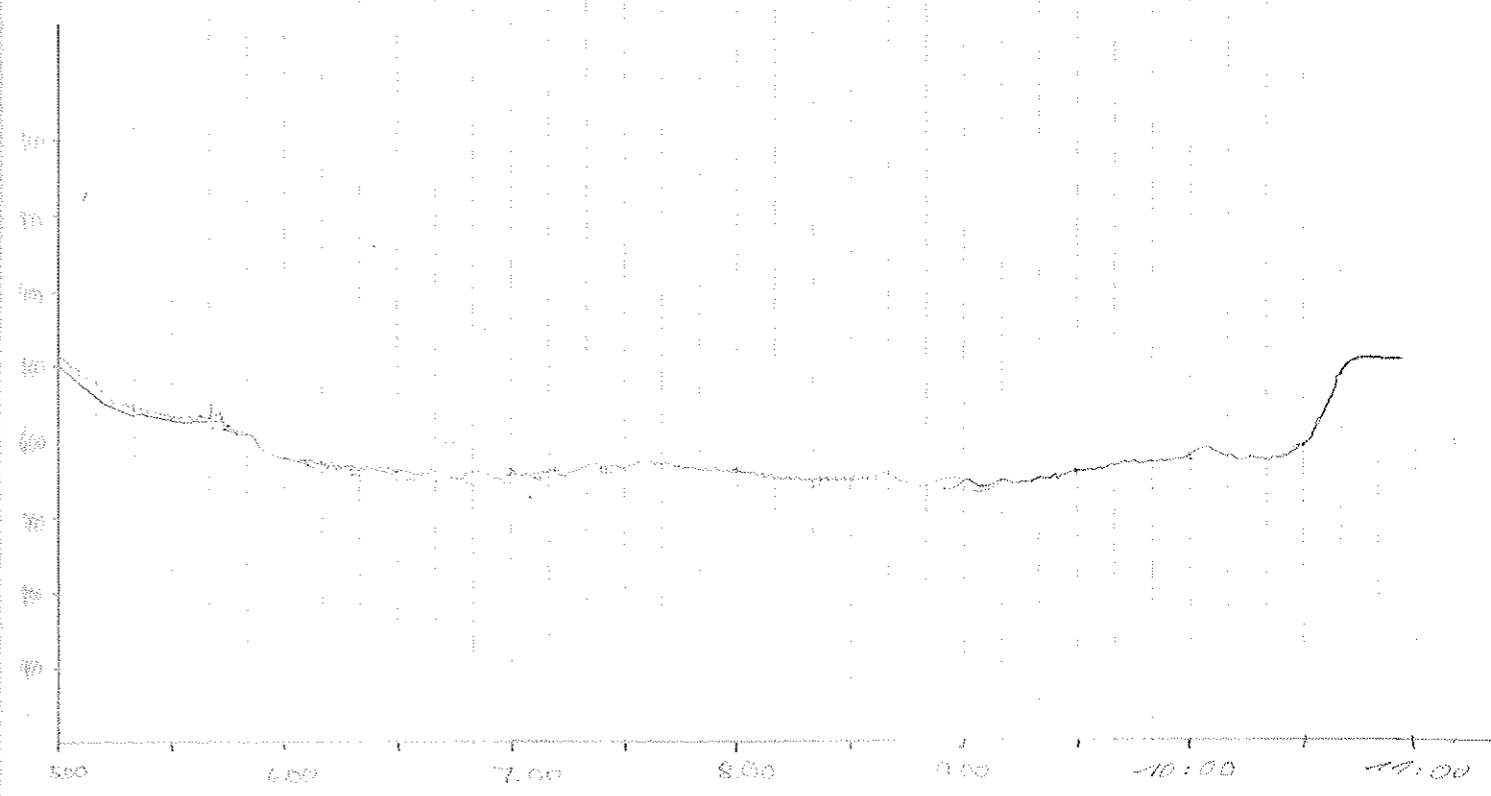
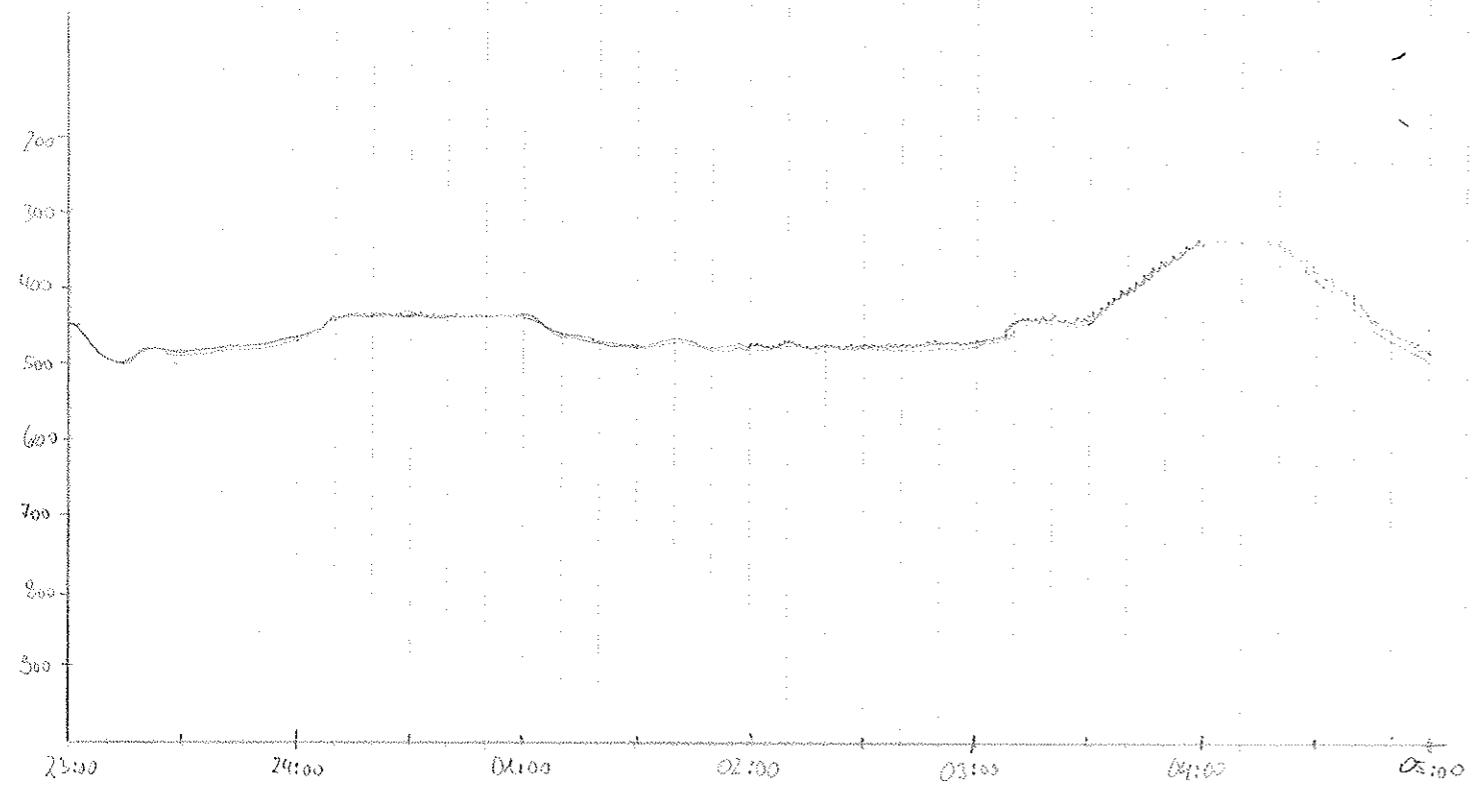
Roll Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec Delay	msec Scan	Pulse Length	Note
M26	8.2.86	21:32	77° 06.91	39° 19.23	-1.0	266.9	778	715-750	Z	KP	0	500	0.5	Starke Störung der Aufzeichnung
"	"	22:02	06.27	29.38	9.8	303.5	762	"	"	"	"	"	"	"
"	"	22:30	05.12	37.10	2.2	271.3	-	"	"	"	"	"	"	"
"	"	23:00	05.93	43.56	-0.4	272.0	-	"	"	"	"	"	"	keine Fahrt
"	"	23:32	06.17	43.96	-0.3	270.2	-	"	"	"	"	"	"	"
"	9.2.86	0:00	06.38	43.28	-0.4	272.6	740	"	"	"	"	"	"	"
"	"	0:30	05.41	43.80	6.8	308.4	773	"	"	"	"	"	"	"
"	"	1:03	05.43	54.03	7.9	236.5	73	"	"	"	"	"	"	"
"	"	1:33	05.66	54.33	1.2	49.2	2	"	"	"	"	"	"	"
"	"	2:01	05.48	51.70	1.9	81.1	789	"	"	"	"	"	"	"
"	"	2:31	05.91	55.86	0.9	128.2	763	"	"	"	"	"	"	"
"	"	3:00	06.12	34.06	0.3	232.4	760	"	"	"	"	"	"	"
"	"	3:30	05.31	40 03.52	1.6	265.4	756	"	"	"	"	"	"	"
"	"	4:00	05.33	05.67	1.0	269.7	755	"	"	"	"	"	"	"
"	"	4:17	06.13	05.81	1.2	321.5	758	"	"	"	"	"	"	STD BY, Schiff in Reihe
"	"	5:19	04.19	06.83	0.9	251.8	751	"	"	"	"	"	"	Towlaufnahme
"	"	5:31	04.13	774	1.0	476	?	"	"	"	"	"	"	"
"	"	6:04	04.63	14.70	4.9	243.7	716	"	"	"	"	"	"	"
"	"	6:30	07.36	16.35	8.3	190.9	714	"	"	"	"	"	"	Pollenwedel
"	"	6:52	10.89	20.91	14.4	229.8	736	"	"	"	"	"	"	"
27	"	7:01	11.83	29.42	14.6	247.4	742	"	"	"	"	"	"	"
"	"	7:30	15.25	53.45	14.1	230.8	709	"	"	"	"	"	"	"
"	"	8:00	19.44	41° 17.88	14.7	229.3	633	"	"	"	"	"	"	"



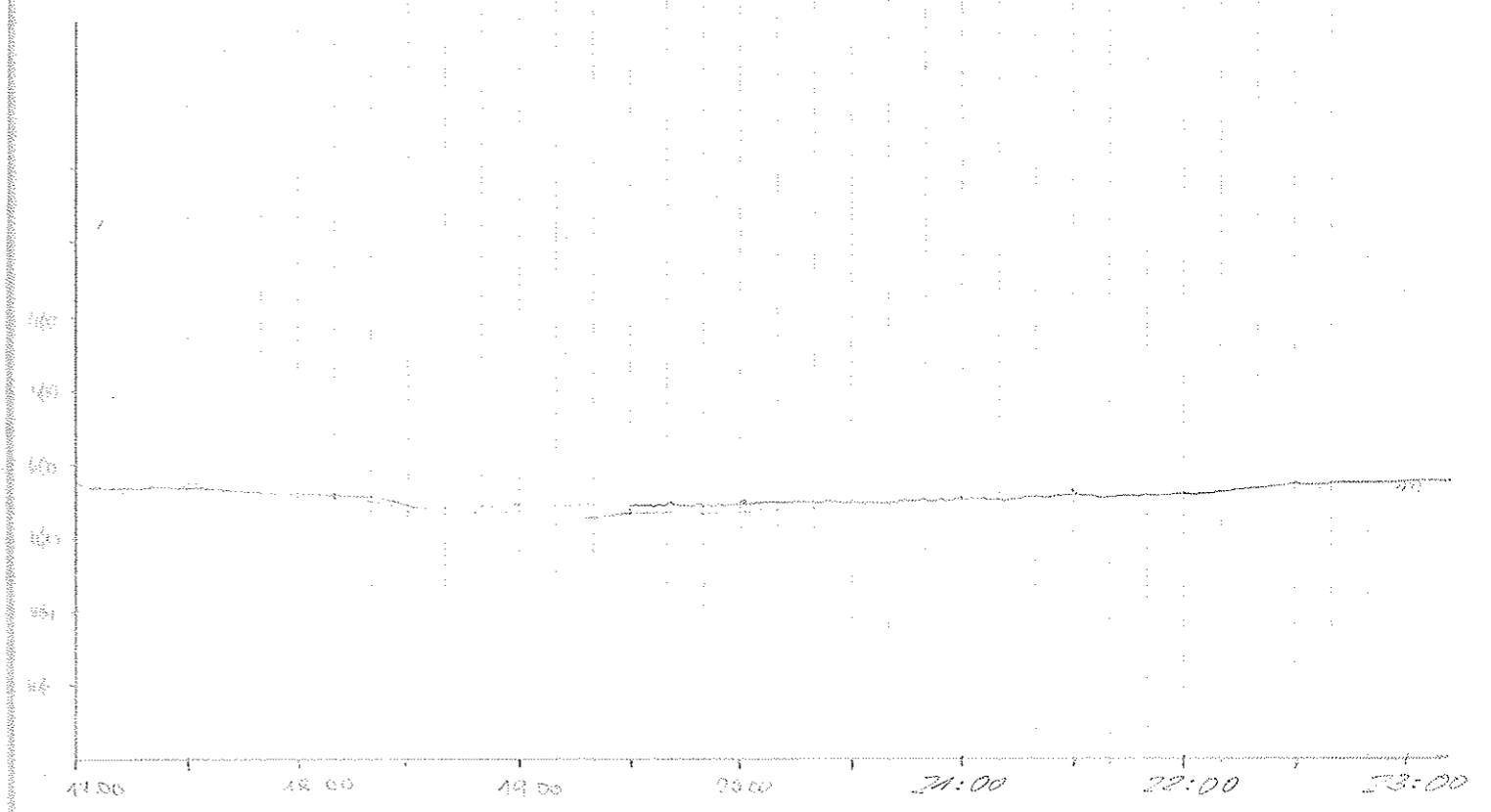
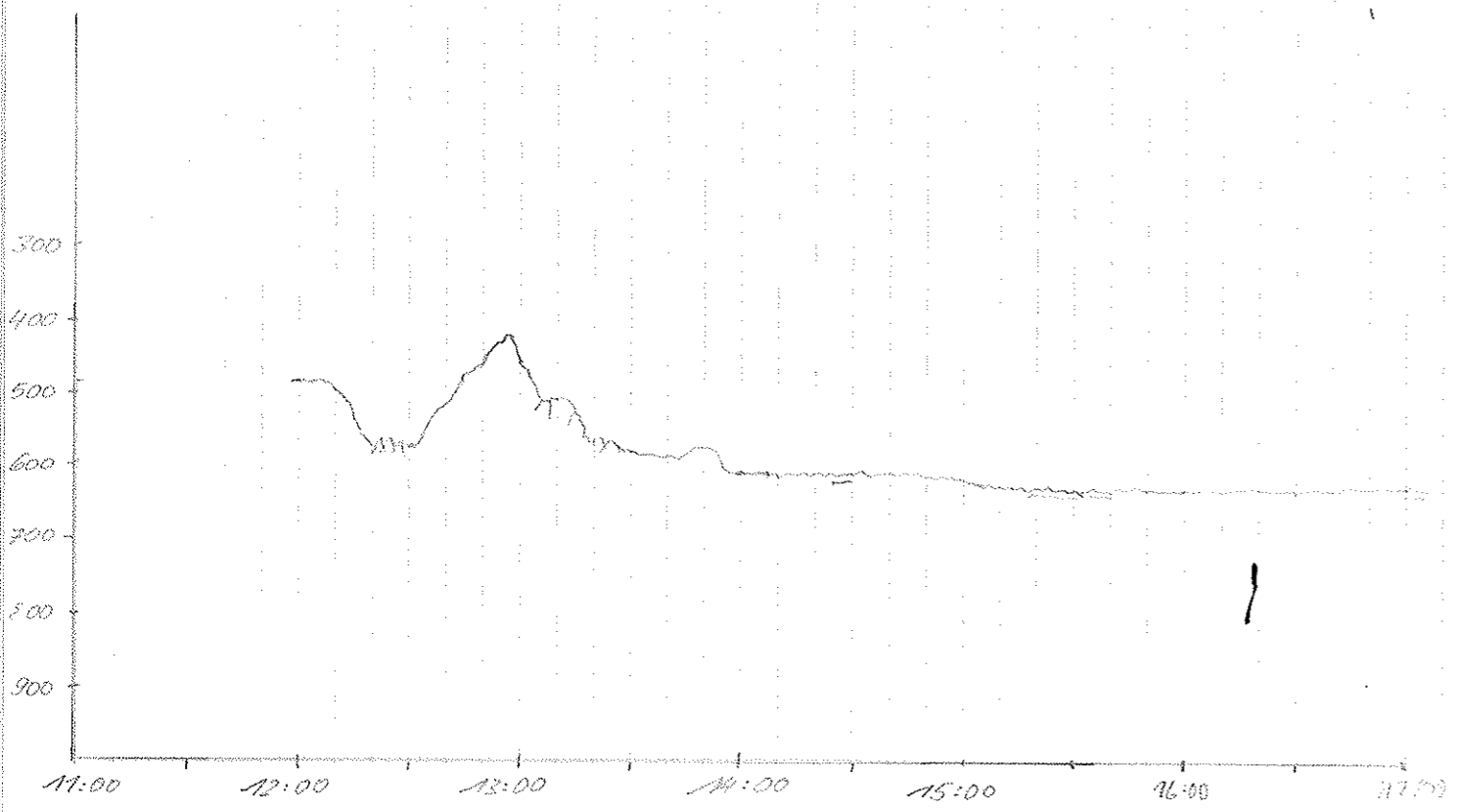
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/ Delay	msec/ Scan	Pulse/ Length	Note
MZT	-	9.2.86	8:30	77° 24.03	44° 42.35	14.0	229.5	640	75-750	2	KP	0	500	0.5	
"	-	"	9:00	27.46	42° 11.51	14.4	244.3	582	"	"	"	"	"	"	
"	-	"	9:30	31.28	37.00	14.3	225.0	543	"	"	"	"	"	"	
"	-	"	10:00	36.05	53.71	14.7	228.3	473	"	"	"	"	"	"	
"	-	"	10:31	40.72	43° 24.70	13.8	237.0	442	"	"	"	"	"	"	
"	-	"	11:00	39.47	46.80	12.0	271.0	429	"	"	"	"	"	"	
"	-	"	11:39	38.63	44° 08.42	10.5	343.6	382	"	"	"	"	"	"	
"	-	"	11:36	37.80	09.77	9.6	351.9	377	100-675	1	KP	400	"	"	
"	-	"	12:00	35.40	28.44	13.8	286.5	356	"	"	"	"	"	"	
"	-	"	12:27	33.01	56.19	13.7	294.9	294	15-600	2	KX	300	500	"	
"	-	"	13:01	30.14	45° 29.65	13.6	276.3	246	"	"	PX	"	"	"	
"	-	"	13:30	27.27	53.74	13.9	297.5	225	15-450	"	"	100	"	"	
"	-	"	14:00	23.91	41° 24.35	13.9	298.6	230	"	"	"	"	"	"	
"	-	"	14:35	24.70	58.19	12.0	258.1	237	"	"	"	"	"	"	
"	-	"	15:00	25.46	47° 19.21	13.4	282.4	238	"	"	"	"	"	"	-14.9 C
"	-	"	15:30	22.60	29.32	1.2	101.6	240	"	"	"	"	"	"	Bleibt in Pass
"	-	"	16:11	22.21	28.34	4.9	28.5	249	"	"	"	"	"	"	und Jaktor v. v.
"	-	"	16:23	22.05	28.02	2.3	22.9	232	"	"	"	"	"	"	STD BY, bis Filchner
"	-	"	19:43	76° 55.50	50 12.24	15.2	300.5	232	"	"	"	"	"	"	"
"	-	"	20:05	52.83	32.36	14.6	297.8	268	"	"	"	"	"	"	"
"	-	"	20:31	49.38	57.11	14.2	304.3	263	"	"	"	"	"	"	"
"	-	"	21:14	43.74	51° 33.42	14.9	309.1	297	"	"	"	"	"	"	"
"	-	"	21:31	40.89	46.14	14.7	311.2	296	"	"	"	"	"	"	INDAS ausgefallen
"	-	"	22:38	30.14	52° 37.43	14.2	319.1	338	"	"	"	"	"	"	"
"	-	"	22:57	26.60	50.45	14.8	323.1	437	100-675	"	"	400	"	"	"



Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/Delay	msec/Scan	Pulse/Length	Note
M27	-	9.2.86	23:30	76°19.63'	53°10.10'	14.9	327.7	474	300-675	2	Kx Px	400	500	0.5	
"	"	10.2.86	24:00	14.40'	31.49'	14.9	307.6	457	"	"	"	"	"	"	
"	"	"	00:30	10.96'	58.64'	14.6	305.9	432	"	"	"	"	"	"	
"	"	"	01:05	05.71'	54°28.64'	15.0	301.9	467	"	"	"	"	"	"	
"	"	"	01:30	02.19'	47.52'	14.7	306.1	471	"	"	"	"	"	"	
"	"	"	02:00	75°57.87'	55°12.84'	15.1	307.3	477	"	"	"	"	"	"	
"	"	"	02:30	52.24'	38.12'	14.8	317.5	464	"	"	"	"	"	"	
"	"	"	03:00	47.49'	53.68'	15.2	285.2	463	"	"	"	"	"	"	
"	"	"	03:30	47.69'	56°29.16'	9.9	275.6	436	"	"	"	"	"	"	
"	"	"	04:00	45.75'	49.96'	14.6	306.3	349	"	"	"	"	"	"	
"	"	"	04:32	40.86'	57°14.95'	14.3	318.0	387	"	"	"	"	"	"	
"	"	"	05:01	35.32'	22.23'	14.7	317.4	424	"	"	"	"	"	"	
"	"	"	05:38	29.03'	58°01.35'	15.2	308.2	552	"	"	"	"	"	"	
"	"	"	06:02	25.40'	20.55'	15.1	307.6	617	"	"	"	"	"	"	
"	"	"	06:30	21.23'	44.14'	15.1	310.6	640	"	"	"	"	"	"	
"	"	"	07:00	16.17'	59°07.13'	15.1	312.2	640	"	"	"	"	"	"	
"	"	"	07:31	10.61'	72.16'	15.1	314.0	624	"	"	"	"	"	"	
"	"	"	8:00	08.49'	48.82'	15.2	314.3	637	"	"	"	"	"	"	
"	"	"	8:34	00.09'	60°10.30'	13.7	313.4	650	"	"	"	"	"	"	
"	"	"	9:06	74°53.75'	34.12'	13.6	314.7	659	"	"	"	"	"	"	
"	"	"	9:33	50.44'	52.65'	13.2	304.9	636	315-750	"	"	500	"	"	
"	"	"	10:00	47.89'	61°09.26'	12.0	275.8	625	"	"	"	"	"	"	
"	"	"	10:30	44.24'	15.87'	11.2	352.8	640	"	"	"	"	"	"	
"	"	"	10:53	40.72'	22.30'	0.0	278.8	483	"	"	"	"	"	"	Start Station 8/450



Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/ Delay	msec/ Scan	Pulse/ Length	Note
M27	-	10.2.86	11:57	74°43.53	61°19.61	3.8	27.3	486	115-750	2	K- P-	500	500	0.5	Ende Station um 11:47
"	-	"	12:31	37.22	10.49	9.6	24.3	574	"	"	"	"	"	"	
"	-	"	13:00	33.83	61°01.87	4.0	21.8	460	"	"	"	"	"	"	
"	-	"	13:30	33.86	60°55.49	3.2	90.5	579	"	"	"	"	"	"	
<del>M27</del>	-	"	14:00	33.97	47.68	4.9	93.2	610	"	"	"	"	"	"	
"	08/451	"	14:08	33.97	44.76	5.4	97.4	611	"	"	"	"	"	"	Start 08/451
"	"	"	14:30	33.89	37.85	5.4	87.9	625	"	"	"	"	"	"	
"	"	"	14:37	33.87	35.52	5.2	85.0	618	"	"	"	"	"	"	Kurswechsel auf 70°
"	"	"	14:53	33.44	30.85	5.0	109.0	619	"	"	"	"	"	"	" auf 106°
"	"	"	15:06	33.82	26.62	5.2	112.5	631	"	"	"	"	"	"	" auf 160°
"	"	"	15:50	37.46	20.81	5.7	168.4	637	"	"	"	"	"	"	" auf 167°
"	"	"	16:27	40.73	18.03	5.4	149.0	641	"	"	"	"	"	"	Überprüfung des Sonars
"	"	"	17:08	43.49	25.67	5.9	207.2	636	"	"	"	"	"	"	
"	"	"	17:39	45.96	29.62	5.8	199.2	639	"	"	"	"	"	"	
"	"	"	18:05	48.16	31.66	5.4	183.6	648	"	"	"	"	"	"	Kurswechsel auf 157°
"	"	"	18:33	50.20	28.42	5.7	158.2	653	"	"	"	"	"	"	Das Log Schwachstellen
"	"	"	19:01	53.23	24.80	3.6	157.2	654	"	"	"	"	"	"	
"	"	"	19:33	56.18	17.07	5.7	155.0	657	"	"	"	"	"	"	
"	"	"	20:00	58.38	12.35	5.6	127.7	654	"	"	"	"	"	"	
"	"	"	20:38	75°02.21	01.63	5.0	129.1	652	"	"	"	"	"	"	
"	"	"	21:00	03.42	59°55.86	5.5	129.4	647	"	"	"	"	"	"	
"	"	"	21:31	05.20	47.32	5.5	123.4	637	"	"	"	"	"	"	
"	"	"	22:01	06.35	40.35	5.1	127.4	634	"	"	"	"	"	"	
"	"	"	22:31	07.79	31.34	5.2	126.2	623	"	"	"	"	"	"	
"	"	"	23:07	10.05	20.05	5.4	126.5	623	"	"	"	"	"	"	

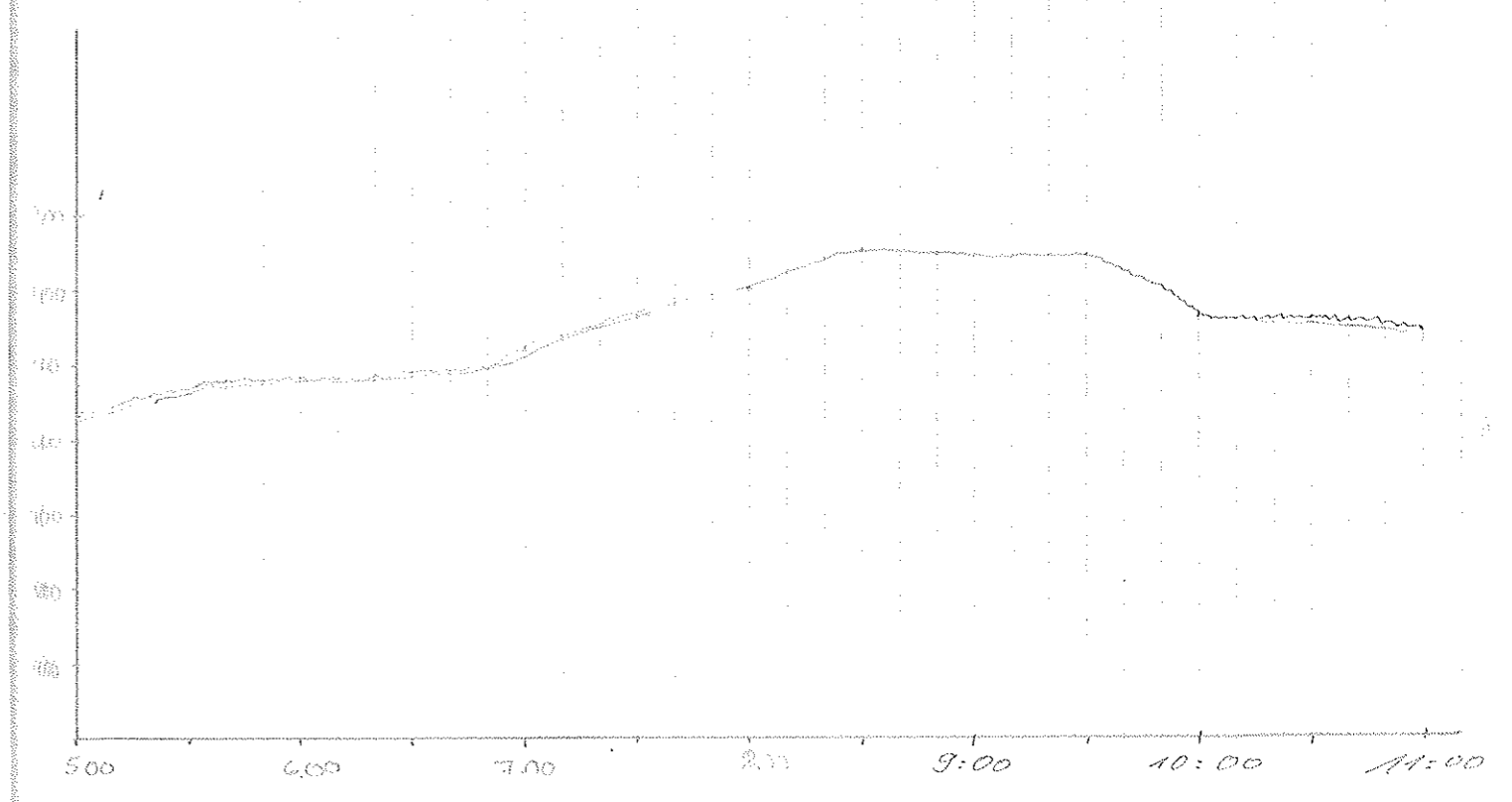
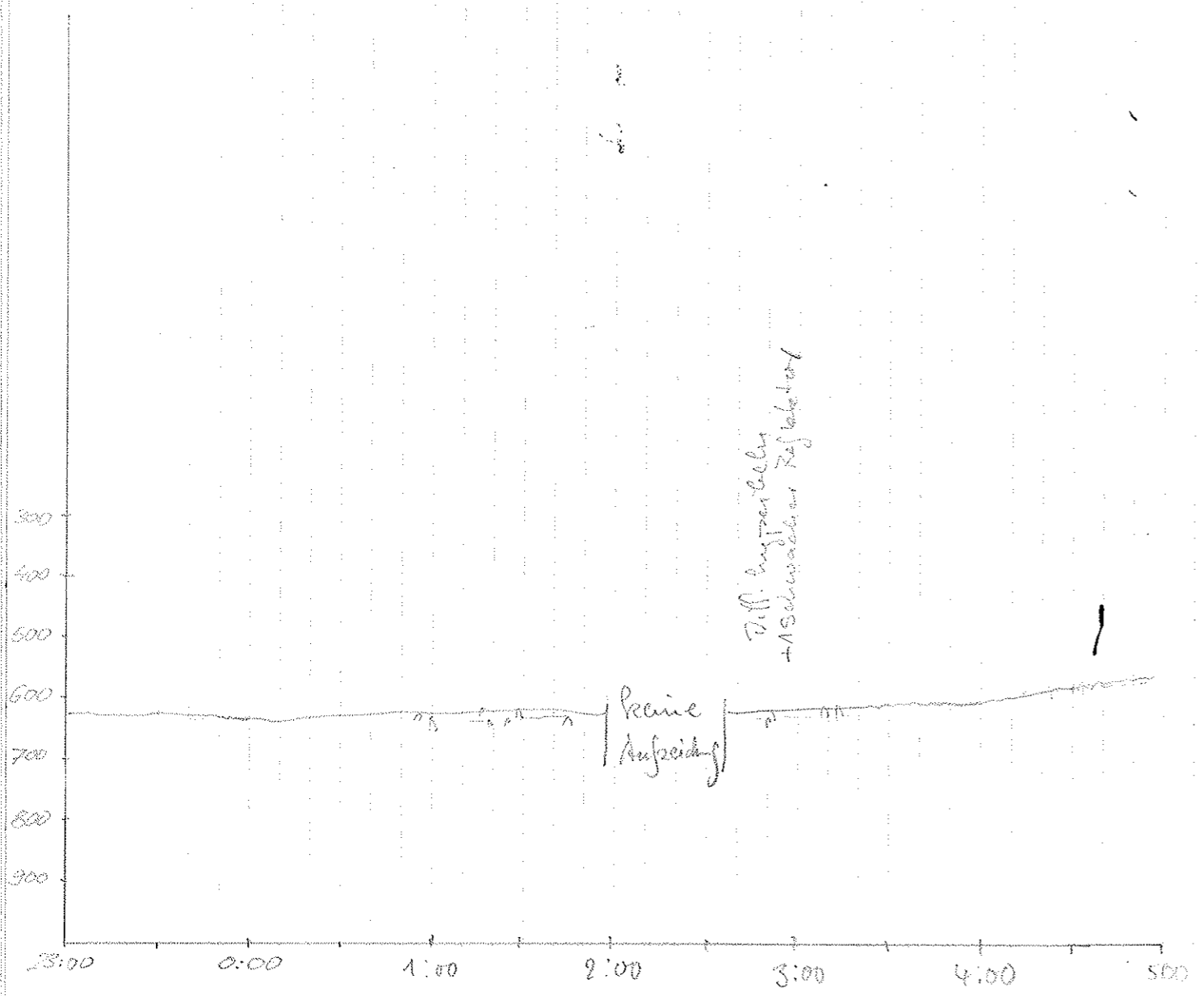


Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/ Delay	msec/ Scan	Paket Length	Note
27	08/451	10.02.86	23:32	75° 11.44	59° 42.31	5.4	129.9	628	575-750	2	K-	500	500	0.5	
"	"	11.02.86	0:01	13.50	06.46	5.4	136.7	634	"	"	"	"	"	"	
			1:53	20.9	57° 45.65	5.0	126.4	639							
			2:37	22.9	34.1	4.7	120.6	631	"	"	"	"	"	"	
			3:26	24.82	21.29	4.5	125.1	616	"	"	"	"	"	"	
			4:30	27.67	07.47	3.9	124.3	578	"	"	"	"	"	"	
			5:01	28.81	00.44	3.6	123.4	558	"	"	"	"	"	"	
			5:33	30.31	57° 59.23	5.7	126.8	535	"	"	"	"	"	"	
			6:08	32.25	43.75	4.9	129.4	521	"	"	"	"	"	"	
			6:30	33.60	38.05	5.1	133.8	508	"	"	"	"	"	"	
			7:00	35.35	30.27	5.8	131.1	478	"	"	"	"	"	"	
			7:33	37.60	21.12	5.6	135.5	435	"	"	"	"	"	"	
"	"	"	8:00	39.38	13.16	5.9	128.3	398	525-600	"	"	300	"	"	
"	"	"	8:40	39.43	21.12	6.0	129.4	348	"	"	"	"	"	"	
"	"	"	9:03	43.00	56° 52.64	5.9	126.8	352	"	"	"	"	"	"	
"	"	"	9:34	44.73	42.82	5.4	128.7	352	"	"	"	"	"	"	
"	"	"	10:02	46.03	32.92	6.0	119.7	431	"	"	"	"	"	"	
"	"	"	10:30	47.54	23.40	6.2	99.3	437	"	"	"	"	"	"	
"	"	"	11:00	47.99	14.53	6.0	98.2	450	"	"	"	"	"	"	
"	"	"	11:30	48.21	00.85	5.6	97.9	466	"	"	"	"	"	"	

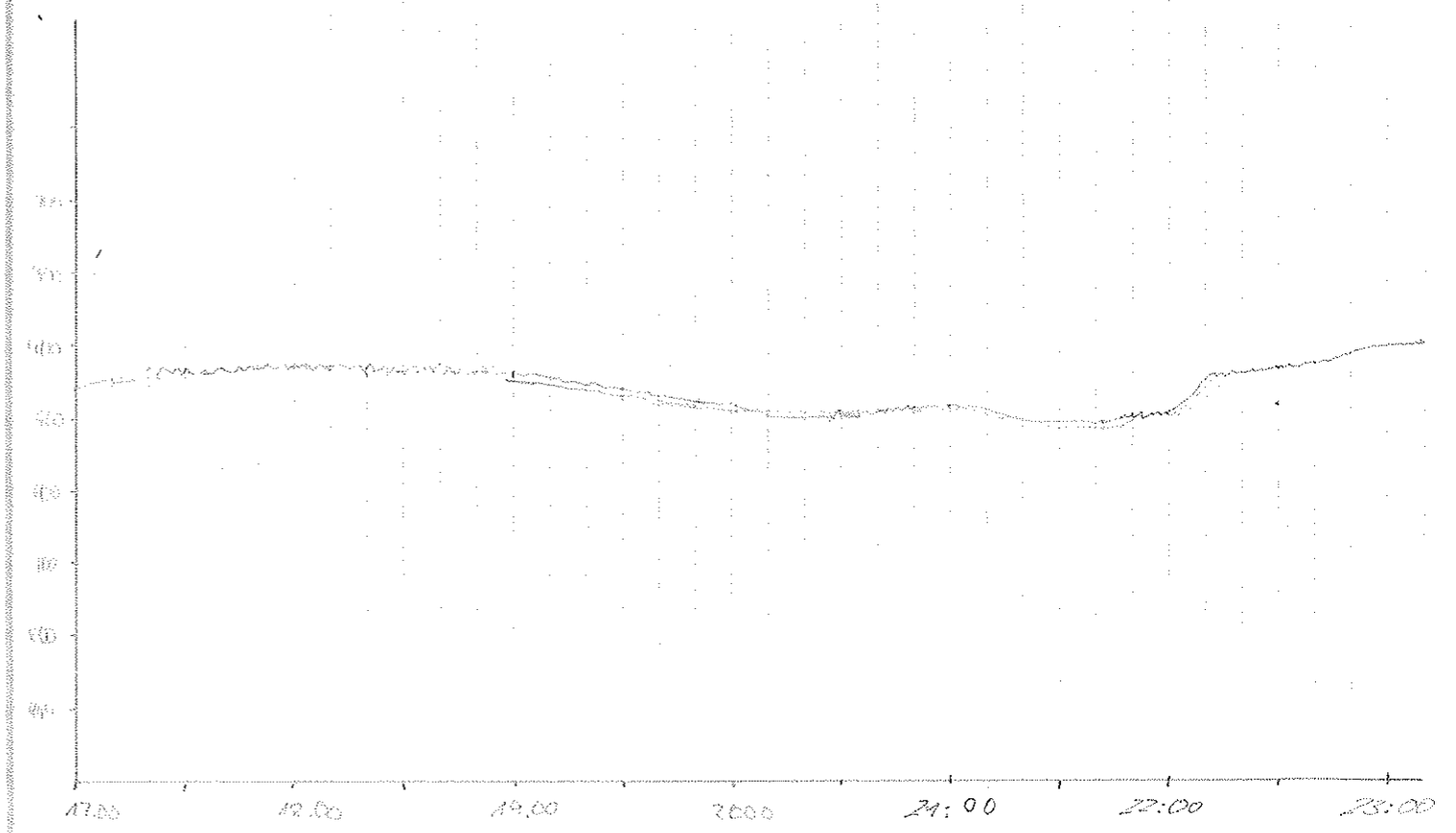
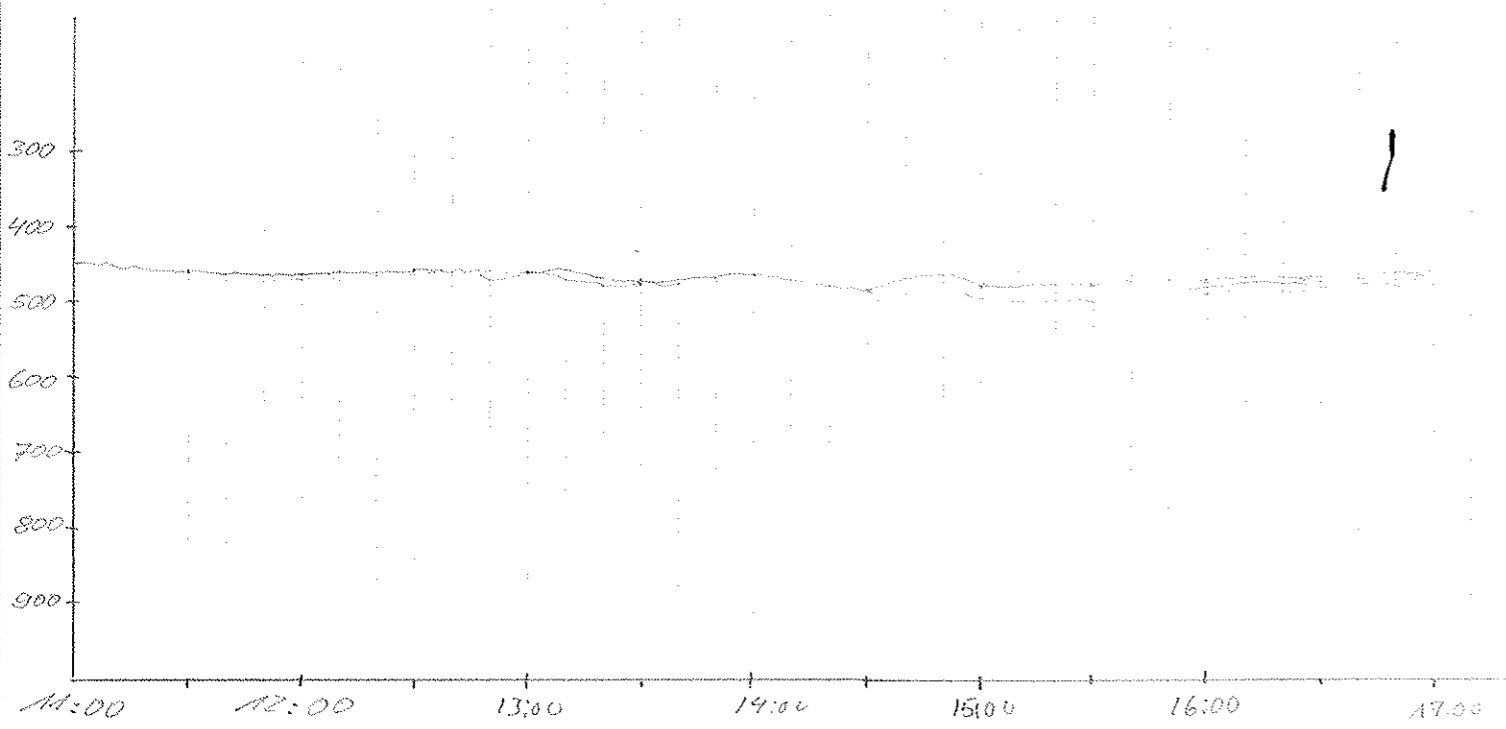
Papierwechsel  
Gerät neu programmiert  
Fortsetzung

Winkelwechsel auf ca 135°

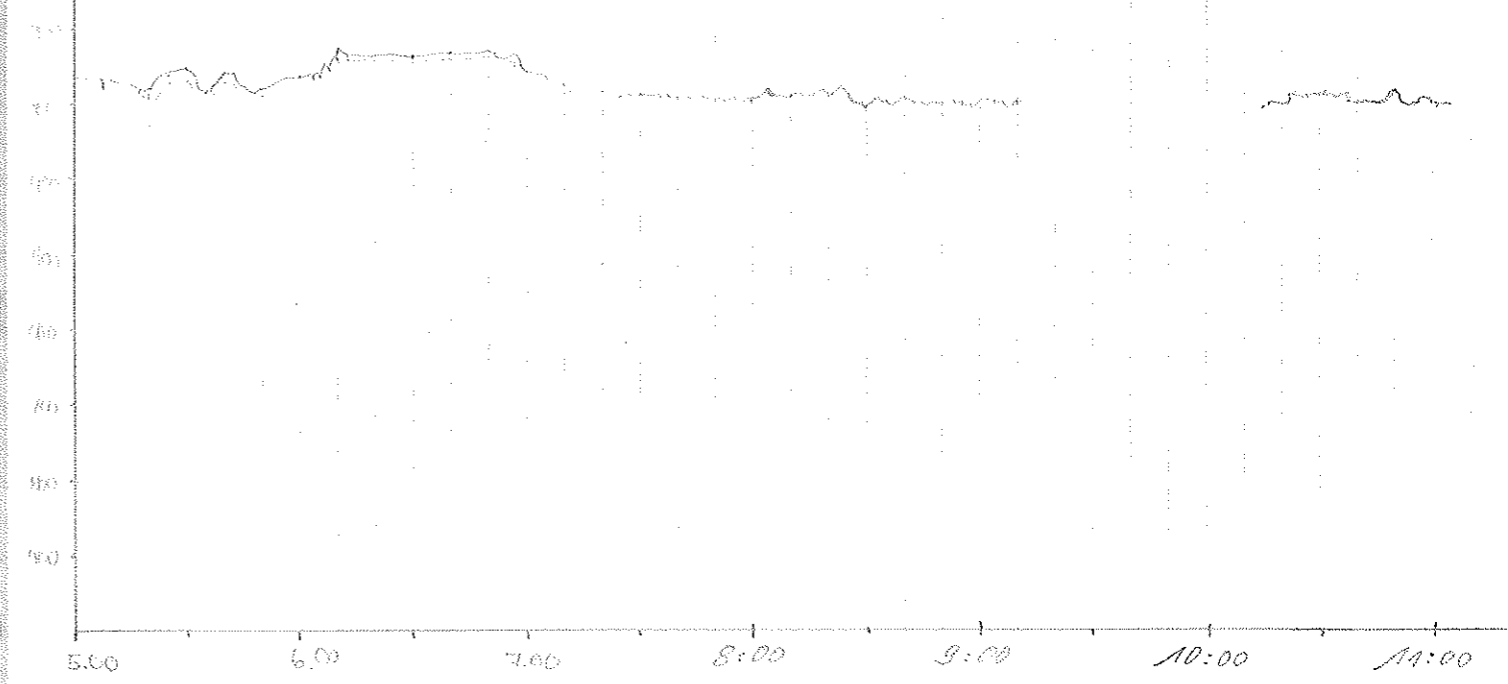
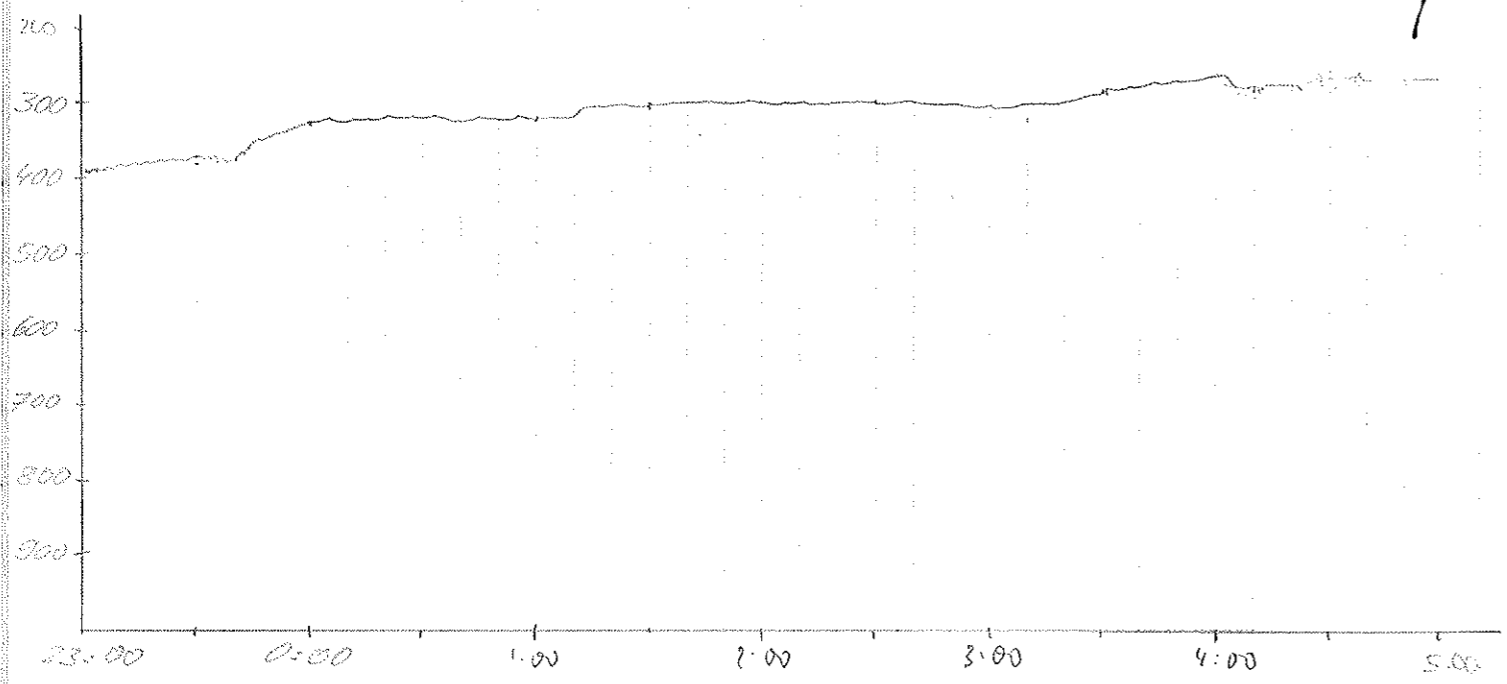
28



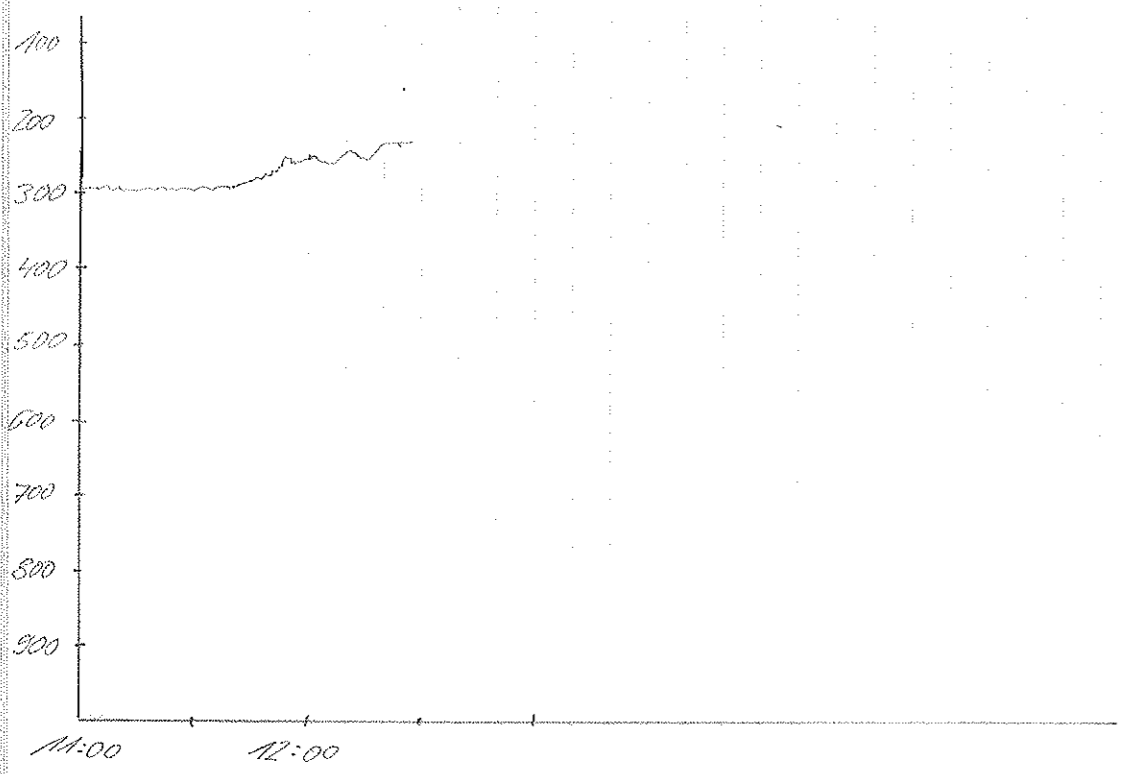
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/ Delay	msec/ Scan	Pulse/ Length	Note
28	8/451	11.2.86	12:00	75° 48.72	55° 49.71	5.8	113.2	467	225-600	2	K-	300	500	0.5	
"	"	"	12:30	50.36	40.70	5.5	131.9	465	"	"	"	"	"	"	
"	"	"	13:00	52.19	32.29	5.5	134.2	463	"	"	"	"	"	"	
"	"	"	13:30	54.08	24.09	5.4	132.5	486	"	"	"	"	"	"	
"	"	"	14:00	55.93	16.11	5.3	134.2	465	"	"	"	"	"	"	
"	"	"	14:32	57.90	07.25	5.3	130.5	493	"	"	"	"	"	"	
"	"	"	15:00	59.67	59° 59.24	5.3	134.0	475	"	"	"	"	"	"	
"	"	"	15:30	76° 01.49	51.43	6.2	134.0	467	"	"	"	"	"	"	
"	"	"	16:00	03.27	43.34	5.2	132.6	463	"	"	"	"	"	"	
"	"	"	16:30	04.94	34.95	5.1	123.3	466	"	"	"	"	"	"	
"	"	"	17:04	06.66	24.60	5.6	125.5	455	"	"	"	"	"	"	
"	"	"	17:31	08.11	16.16	4.8	111.3	434	"	"	"	"	"	"	
"	"	"	18:00	09.75	06.75	5.6	124.6	436	"	"	"	"	"	"	
"	"	"	18:30	11.18	53° 56.52	5.6	114.7	439	"	"	"	"	"	"	
"	"	"	19:04	12.54	44.36	5.8	116.3	446	"	"	"	"	"	"	
"	"	"	19:38	13.48	35.40	5.6	117.3	457	"	"	"	"	"	"	
"	"	"	19:51	14.39	28.16	5.6	116.7	471	"	"	"	"	"	"	Kursand. auf 130°
"	"	"	20:02	15.03	24.72	5.6	130.0	477	"	"	"	"	"	"	
"	"	"	20:38	16.34	13.25	5.8	130.3	432	"	"	"	"	"	"	
"	"	"	21:01	18.58	07.81	5.7	130.7	482	"	"	"	"	"	"	
"	"	"	21:43	21.54	52° 56.94	5.5	133.4	507	"	"	"	"	"	"	
"	"	"	22:00	22.93	52.66	5.5	140.7	437	"	"	"	"	"	"	
"	"	"	22:35	25.60	43.41	5.4	134.2	432	"	"	"	"	"	"	
"	"	"	23:11	28.77	33.74	6.1	135.5	390	"	"	"	"	"	"	



Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/ Delay	msec/ Scan	Pulse/ Length	Note
28	S/451	11.02.86	23:30	76° 29.57	52° 27.76	6.3	180.0	362	275-600	2	K- P-	300	500	0.5	
"	"	12.02.86	0:03	32.29	18.00	6.1	128.4	327	"	"	"	"	"	"	
"	"	"	1:00	35.76	2.32	5.2	131.9	321	"	"	"	"	"	"	
"	"	"	1:30	37.87	51° 54.07	5.3	136.8	300	"	"	"	"	"	"	
"	"	"	2:00	39.80	45.71	5.4	133.6	297	"	"	"	"	"	"	
"	"	"	2:30	41.75	37.05	5.7	133.1	298	"	"	"	"	"	"	
"	"	"	3:00	43.63	28.13	5.4	132.1	300	"	"	"	"	"	"	
"	"	"	3:32	45.56	18.10	5.7	126.0	274	"	"	"	"	"	"	
"	"	"	4:00	47.09	08.77	6.0	125.4	263	"	"	"	"	"	"	
"	"	"	4:30	58.56	50° 58.56	5.6	122.2	262	"	"	"	"	"	"	
"	"	"	5:01	50.30	48.37	5.6	126.5	264	"	"	"	"	"	"	
"	"	"	5:30	51.97	38.42	6.0	125.3	251	"	"	"	"	"	"	
"	"	"	6:00	53.22	27.57	5.3	100.3	257	"	"	"	"	"	"	
"	"	"	6:31	53.98	19.02	1.7	113.3	244	"	"	"	"	"	"	Streamers and drine, in line from
"	"	"	7:00	52.72	14.95	8.9	20.5	259	"	"	"	"	"	"	Geology Station S/452
"	"	"	7:31	48.08	07.72	9.4	19.8	286	"	"	"	"	"	"	
"	"	"	8:00	44.02	04.13	9.8	19.5	238	"	"	"	"	"	"	
"	"	"	8:30	39.47	49° 54.30	9.4	18.5	305	"	"	"	"	"	"	
"	"	"	9:04	35.09	46.79	4.4	130.2	299	"	"	"	"	"	"	
"	"	"	9:07	35.18	46.57	0.7	194.3	299	"	"	"	"	"	"	Station S/452
"	"	"	10:15	36.04	48.76	8.9	205.0	303	"	"	"	"	"	"	0.2 Ende Station um 10:01
"	"	"	10:38	39.18	56.59	9.7	206.5	298	"	"	"	"	"	"	
"	"	"	11:05	43.24	50° 05.13	9.5	206.4	297	"	"	"	"	"	"	
"	"	"	11:36	47.65	13.57	9.7	202.4	294	"	"	"	"	"	"	

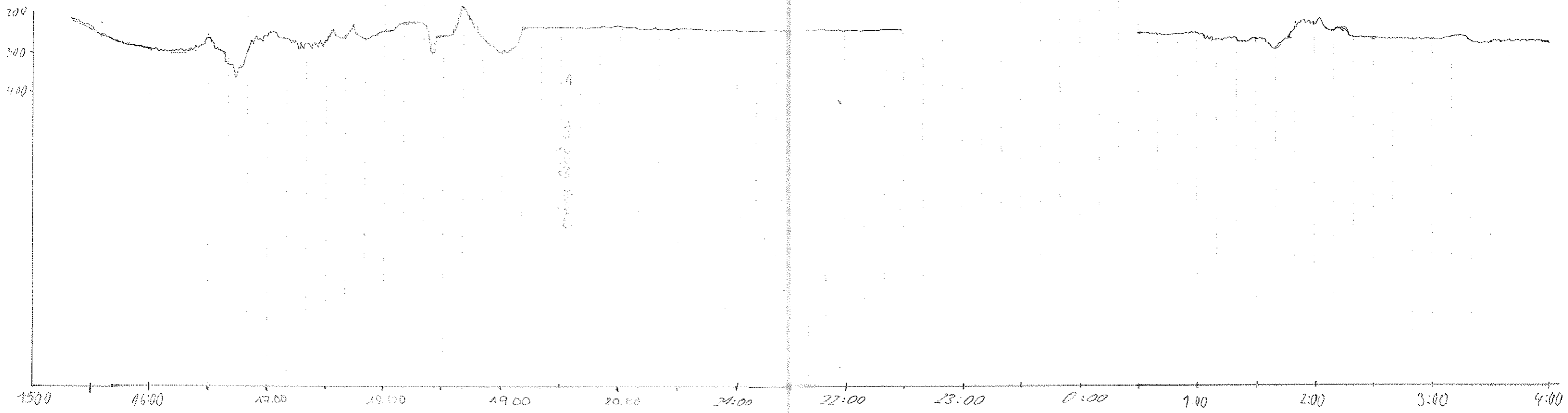


Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/ Delay	msec/ Scan	Pulse/ Length	Note
28	-	11.02.86	11:00	76° 57.71	50° 21.46	9.9	2040	232	15-450	2	K- P-	100	500	0.2	
"	-	"	11:24	53.80	25.36	2.3	167.7	235	"	"	"	"	"	"	Stand By





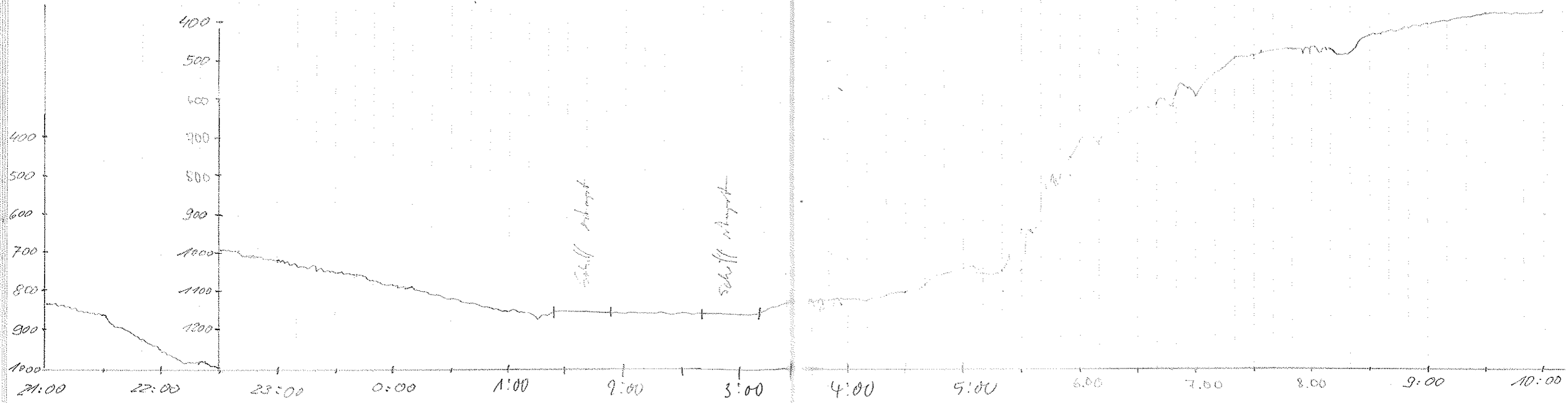
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec Delay	msec Scan	Pulse Length	Note
M29	8/453	16.2.86	15:47	76° 59.27	49° 39.81	10.3	81.5	247	75-450	2	K-P-	100	500	0.2	Profil Start um 15:20
"	"	"	15:49	76° 56.07	49° 24.04	75.1	79.9	264	"	"	"	"	"	"	
"	"	"	16:00	76° 51.90	49° 18.74	10.3	50.7	289	"	"	"	"	"	"	
"	"	"	16:30	51.33	48° 55.19	14.4	101.2	257	"	"	"	"	"	6.5	16.50 pulse length 0.2
"	"	"	17:00	52.48	24.99	12.2	101.8	251	"	"	"	"	"	0.2	
"	"	"	17:31	54.92	00.60	14.7	157.4	267	"	"	"	"	"	"	
"	"	"	18:00	77° 01.73	47° 55.18	14.6	162.1	246	"	"	"	"	"	"	
"	"	"	18:30	07.96	47.81	13.5	157.2	251	"	"	"	"	"	"	
"	"	"	19:00	14.14	35.47	14.1	183.3	249	"	"	"	"	"	"	
"	"	"	19:31	20.27	32.39	3.7	179.7	238	"	"	"	"	"	"	ab 19.33 abnormales Eis
"	"	"	20:03	14.30	33.44	2.5	4.8	240	"	"	"	"	"	"	
"	"	"	20:29	19.94	33.10	3.2	5.6	234	"	"	"	"	"	"	
"	"	"	20:32	19.77	33.04	-2.9	186.3	230	"	"	"	"	"	"	keine Fahrt
"	"	"	21:00	18.49	47° 32.29	-2.9	187.0	240	"	"	"	"	"	"	"
"	"	"	21:32	17.12	31.11	-3.6	188.0	240	"	"	"	"	"	"	"
"	"	"	22:01	18.82	32.61	-1.7	188.0	240	"	"	"	"	"	"	"
"	"	"	22:32	18.91	32.88	-4.2	187.3	240	"	"	"	"	"	"	Stand By
"	"	17.2.86	0:29	17.30	26.91	8.5	67.4	249	"	"	"	"	"	"	Wartefahrt
"	"	"	1:07	16.54	9.15	9.0	79.8	268	"	"	"	"	"	"	"
"	"	"	1:30	16.33	46° 59.10	9.0	00.0	270	"	"	"	"	"	"	"
"	"	"	2:00	12.24	49.15	10.5	73.8	231	"	"	"	"	"	"	"
"	"	"	2:30	11.31	30.45	9.5	125.2	263	"	"	"	"	"	"	"
"	"	"	3:00	12.20	8.18	12.5	90.3	268	"	"	"	"	"	"	"
"	"	"	3:30	11.91	45° 48.43	10.7	161.6	272	"	"	"	"	"	"	"
"	"	"	4:00	16.95	41.28	9.4	138.1	276	"	"	"	"	"	"	"



Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	m/slc Delay	m/slc Scan	Pulse Length	Note
M29	8/453	17.2.86	4:30	77° 28.67	45° 28.65	8.3	113.7	284	75-450	2	K-P	100	500	.5	
"	"	"	5:00	24.29	12.62	15.0	157.2	287	"	"	"	"	"	"	
"	"	"	5:32	29.69	44° 49.79	14.9	137.9	321	"	"	"	"	"	"	
"	"	"	6:00	30.85	18.59	14.7	91.1	356	"	"	"	"	"	"	
"	"	"	6:34	31.31	43° 40.89	14.8	91.2	422	"	"	"	"	"	"	
"	"	"	7:03	31.57	07.08	14.6	91.2	454	"	"	"	"	"	"	
"	"	"	7:08	31.38	01.17	14.9	91.3	454	775-750	2	K-P	0000	"	"	
"	"	"	7:30	31.51	42° 36.74	14.8	91.0	512	"	"	"	"	"	"	
"	"	"	8:03	29.23	01.96	14.7	70.7	539	"	"	"	"	"	"	
"	"	"	8:35	25.58	41° 30.22	14.9	55.7	657	"	"	"	"	"	"	
"	"	"	9:00	20.30	11.34	14.6	40.3	689	"	"	"	"	"	"	
"	"	"	9:31	15.19	40° 49.40	14.4	46.1	693	"	"	"	"	"	"	
"	"	"	10:00	13.55	28.45	12.8	134.1	725	"	"	"	"	"	"	
"	"	"	10:13	15.97	16.73	10.5	132.7	755	750-1125	3	K-P	"	"	"	
"	"	"	10:44	19.40	02.49	13.0	130.8	770	"	"	"	"	"	"	
"	"	"	11:00	24.55	39° 56.71	5.4	197.4	820	"	"	"	"	"	"	Ende Profil 8/453 Stand 13g



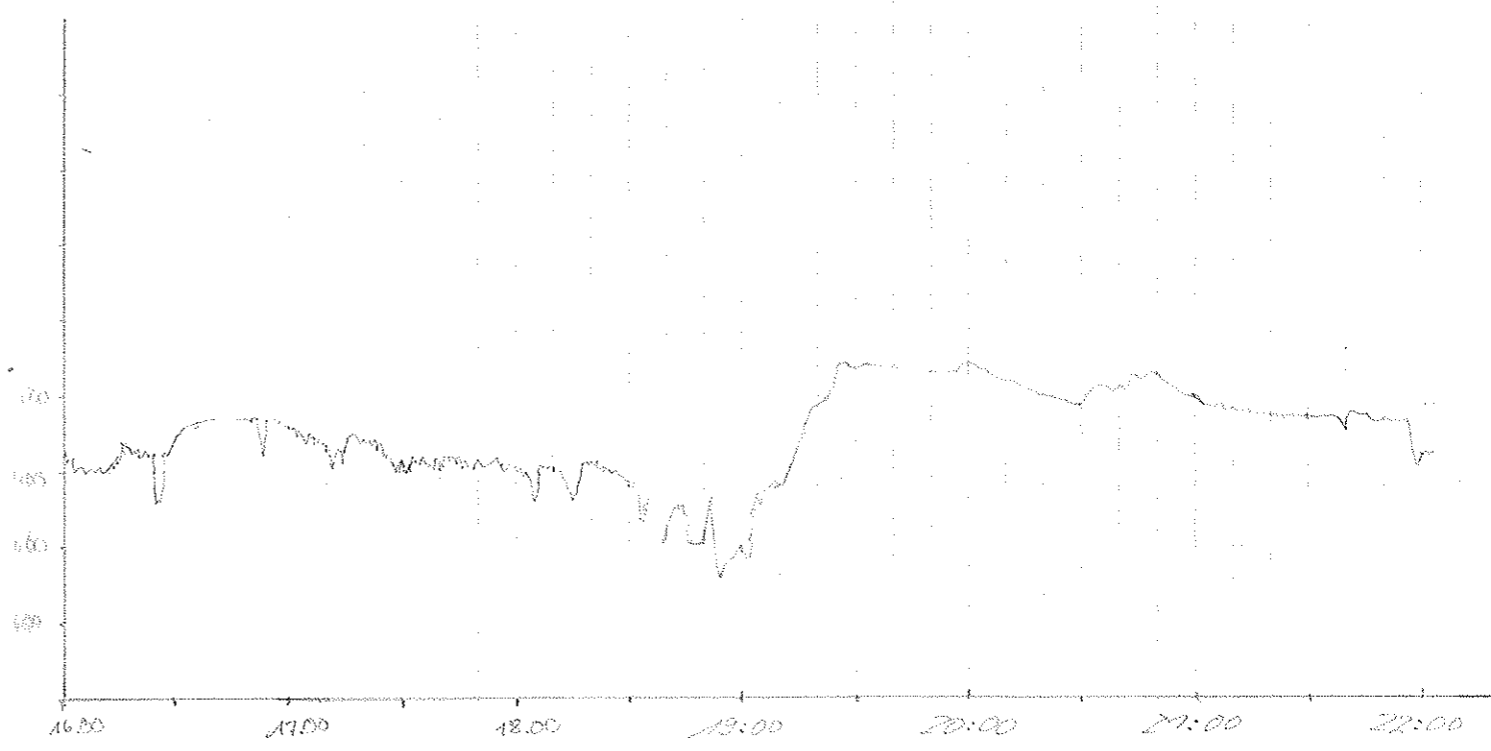
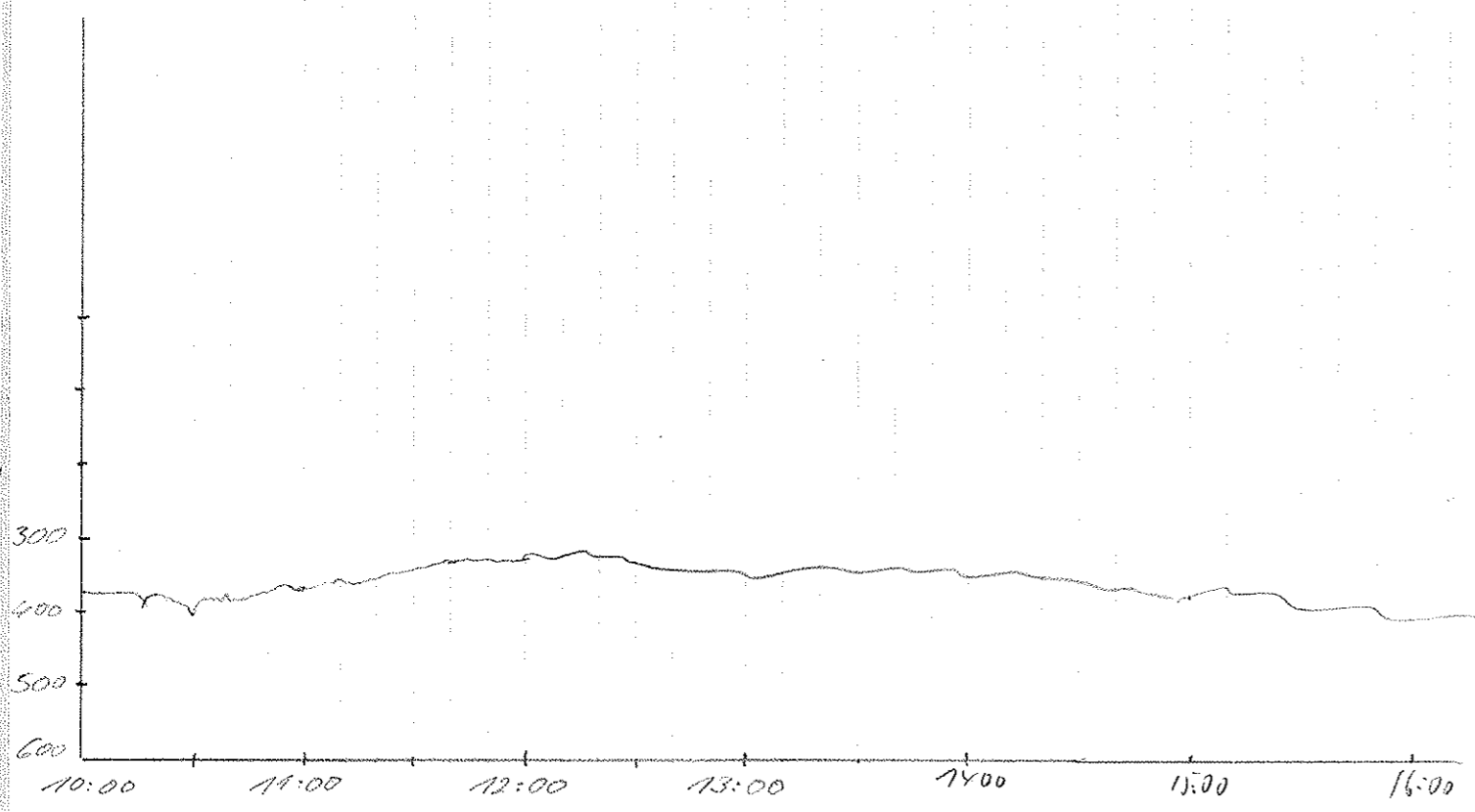
Roll	Profil	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/Deby	msec/Scan	Pulse Length	Note
M29	-	17.2.86	20:57	77° 22.26	39° 56.89	5.1	89.7	829	750-1125	3	K-P	0	500	.5	Abtauchen Druzhnaya
"	8/454	"	21:28	25.42	41.65	9.0	165.4	863	"	"	"	"	"	"	Start Profil um 21:26
"	"	"	22:07	29.89	25.99	5.8	41.2	954	"	"	"	"	"	"	21:45 Störungen d. Eis
"	"	"	22:30	30.43	15.88	6.1	96.9	990	"	"	"	"	"	"	"
"	"	"	23:00	30.33	38° 54.65	8.2	92.3	1024	"	"	"	"	"	"	"
"	"	"	23:30	30.34	35.62	6.3	82.2	1053	"	"	"	"	"	"	"
"	"	18.2.86	0:05	30.63	14.60	9.2	94.6	1088	"	"	"	"	"	"	"
			0:26	31.03	2.82	8.0	98.7	1130	1125-1500	2	K-P	"	"	"	
			1:23	31.34	37° 24.07	-	-	1158	"	"	"	"	"	"	Schiff stoppt im Eis
			1:53	"	"	-	108°	"	"	"	"	"	"	"	Fahrt wieder
			2:40	30.11	19.4	-	-	"	"	"	"	"	"	"	Schiff stoppt
			3:10	"	"	-	-	"	"	"	"	"	"	"	Turbulenz
			3:40	30.48	9.36	8.2	57.4	1124	750-1125	3	K-P	"	"	"	
			4:37	77° 24.33	36° 35.21	11.9	81°	1085	"	"	"	"	"	"	
			6:35	29.57	35° 50.14	9.6	86.1	941	"	"	"	"	"	"	
			5:58	21.02	34.51	10.6	59.4	741	750-750	2	K-P	"	"	"	
			6:42	18.52	09.28	9.7	48.7	601	"	"	"	"	"	"	
			7:00	16.98	34° 55.58	11.5	50.3	590	"	"	"	"	"	"	
			7:30	13.34	35.82	11.5	50.9	494	"	"	"	"	"	"	
			8:02	09.60	14.56	11.6	58.3	466	"	"	"	"	"	"	starker Seegang
29	"	18.2.86	8:32	05.70	33° 57.37	10.8	44.7	430	"	"	"	"	"	"	(Windstärke ~ 8)
"	"	"	9:00	02.24	42.35	10.9	44.2	403	"	"	"	"	"	"	
"	"	"	9:30	76° 58.65	25.54	10.7	45.3	383	150-525	2	K-P	200	"	"	
"	"	"	10:00	54.73	10.24	10.5	40.6	376	"	"	"	"	"	"	



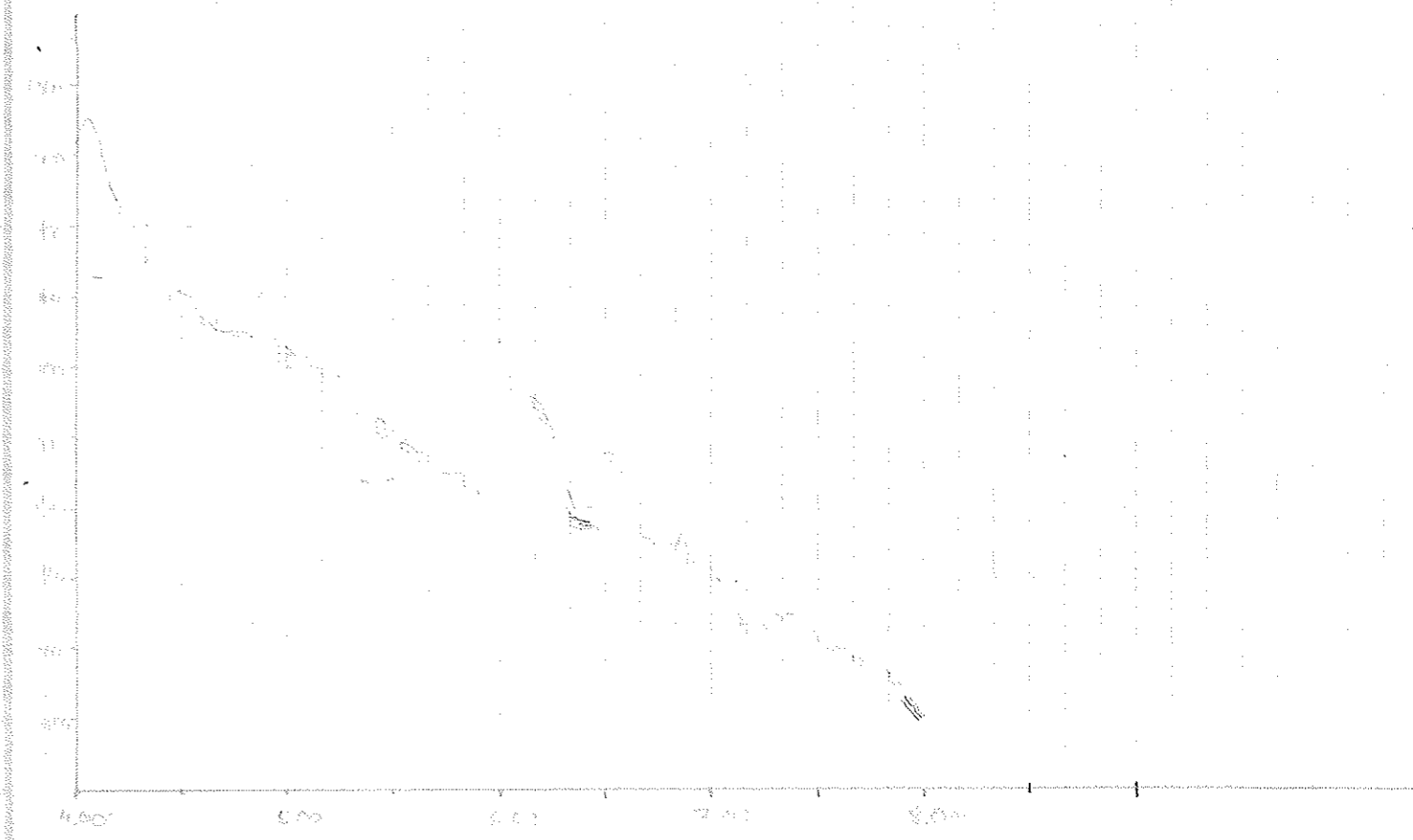
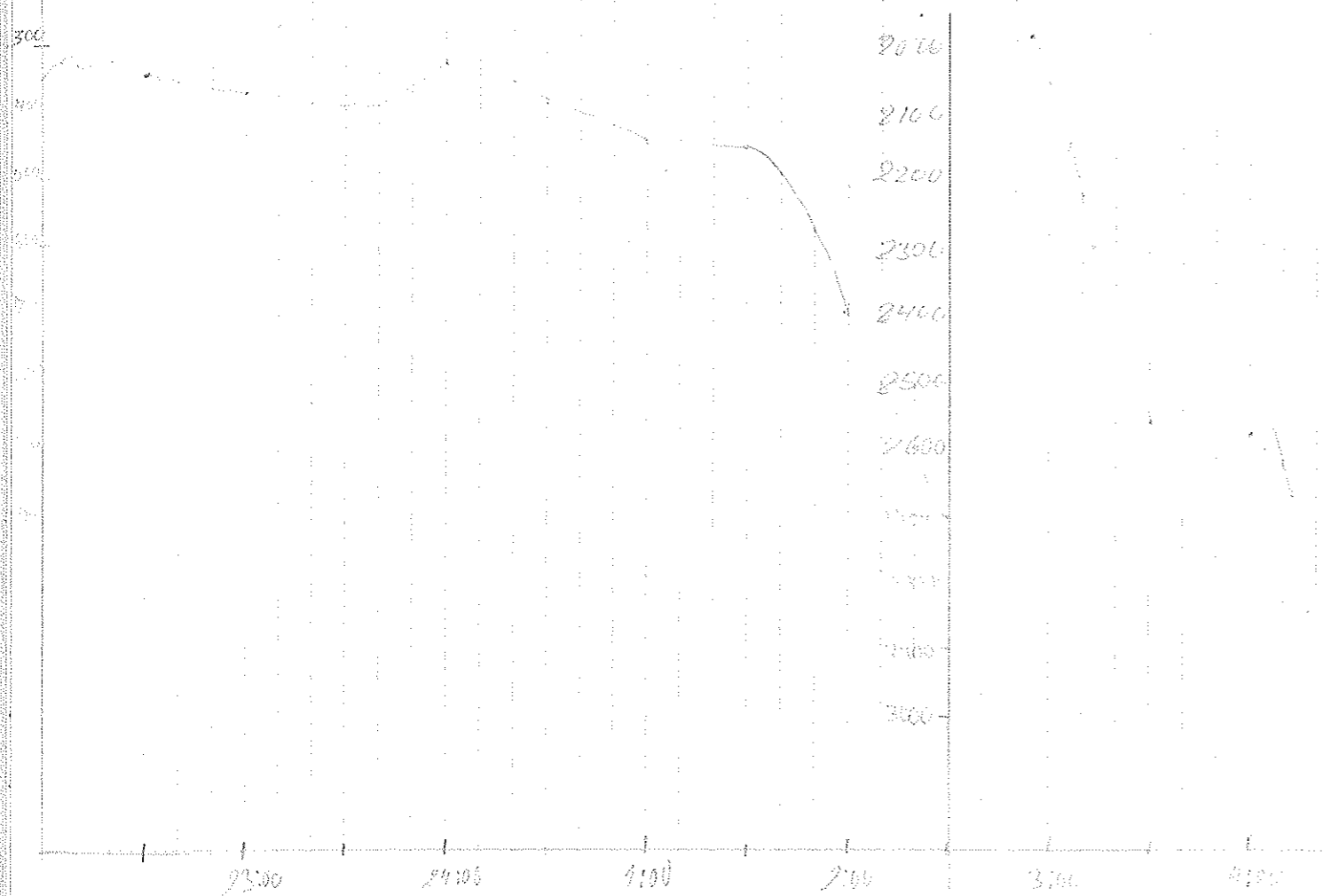
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/ Delay	msec/ Scan	Pulse/ Length	Note
M29	8/434	18.286	10:33	76° 51.21	32° 55.63	9.7	48.3	405	150-525	2	K- P-	200	500	0.5	
"	"	"	11:00	47.86	41.65	10.7	42.6	377	"	"	"	"	"	"	
"	"	"	11:37	42.80	18.55	10.8	47.6	336	"	"	"	"	"	"	
"	"	"	12:00	39.77	05.04	11.4	44.8	340	"	"	"	"	"	"	
"	"	"	12:32	36.15	31° 46.21	11.2	51.0	335	"	"	"	"	"	"	
"	"	"	13:02	32.59	27.92	11.4	50.1	347	"	"	"	"	"	"	
"	"	"	13:32	28.87	09.02	11.4	48.0	366	"	"	"	"	"	"	
"	"	"	14:05	25.00	30 48.79	11.1	58.7	361	"	"	"	"	"	"	
"	"	"	14:30	21.91	32.53	11.4	52.9	348	"	"	"	"	"	"	
"	"	"	15:05	17.47	10.37	11.8	49.2	389	"	"	"	"	"	"	
"	"	"	15:33	14.03	29 52.78	11.9	50.7	357	"	"	"	"	"	"	
"	"	"	16:01	10.90	35.64	11.8	58.8	373	"	"	"	"	"	"	
"	"	"	16:30	07.64	16.95	11.5	55.5	354	"	"	"	"	"	"	
"	"	"	17:00	03.83	28° 58.01	11.4	48.4	347	"	"	"	"	"	"	
"	"	"	17:30	00.01	40.63	11.8	51.3	387	"	"	"	"	"	"	
"	"	"	18:00	75° 55.64	24.60	12.0	40.6	395	"	"	"	"	"	"	
"	"	"	18:30	50.97	08.39	11.9	39.7	416	"	"	"	"	"	"	
"	"	"	19:06	44.66	27° 57.13	12.8	0.1	436	"	"	"	"	"	"	
"	"	"	19:30	39.93	54.92	11.7	16.1	257	"	"	"	"	"	"	
"	"	"	19:34	30.26	51.15	11.7	16.9	255	"	"	"	"	"	"	
M30	"	"	19:45	37.77	47.77	11.6	18.0	172	"	"	"	"	"	"	
"	"	"	20:00	34.78	44.72	11.3	18.3	158	"	"	"	"	"	"	
"	"	"	20:30	29.26	37.18	11.7	16.6	316	"	"	"	"	"	"	
"	"	"	21:00	23.35	31.78	11.6	14.8	309	"	"	"	"	"	"	
"	"	"	21:30	17.54	24.74	11.5	11.0	327	"	"	"	"	"	"	
"	"	"	22:00	11.99	19.40	11.5	21.2	345	"	"	"	"	"	"	

now pulse length 0.2

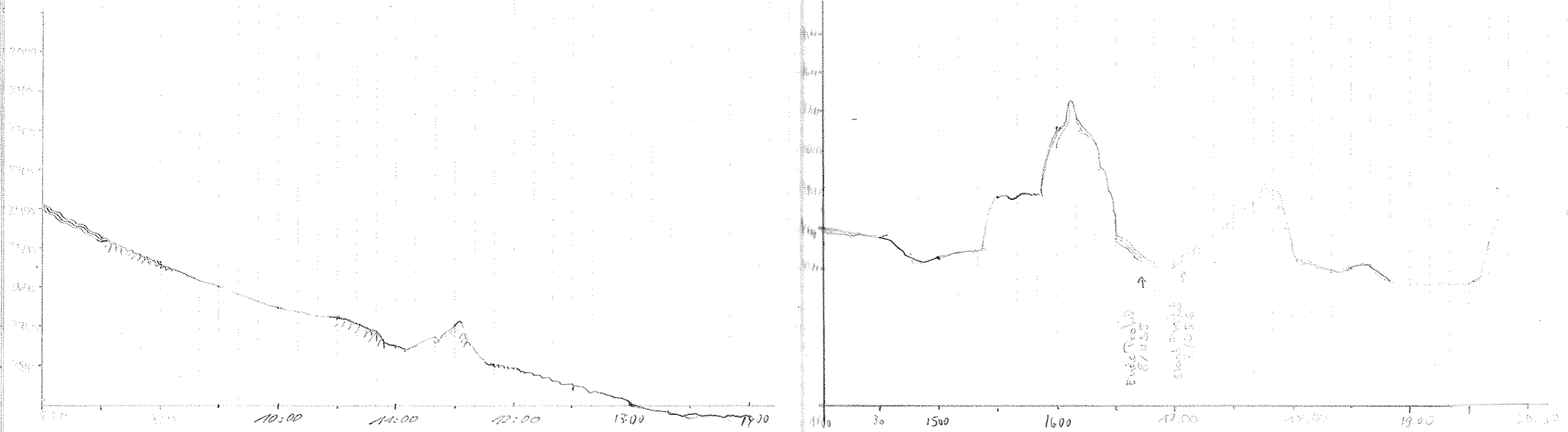
Rate gemischt  
Start



Roll	Profile	Code	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/ Delay	msec/ Scan	Pulse/ Length	Note
M30	8/454	182.86	22:30	75° 06.34	174 15.16	12.1	13.8	395	160-525	2	K-P	200	500	6.5	
"	"	"	23:00	00.80	10.39	11.5	12.6	364	"	"	"	"	"	"	
"	"	"	23:30	74° 55.17	09.84	11.8	13.3	387	"	"	"	"	"	"	
"	"	19.02.86	00:00	49.81	86 57.36	11.4	17.1	330	"	"	"	"	"	"	
"	"	"	00:30	44.71	51.39	10.5	354.1	399	"	"	"	"	"	"	
"	"	"	01:00	39.28	42.14	9.9	20.8	438	"	"	"	"	"	"	
"	"	"	01:30	34.20	42.72	9.5	16.5	779	"	"	"	"	"	"	
"	"	"	01:46	31.58	34.74	10.7	16.0	532	100-875	3	"	400	"	"	max delay
"	"	"	01:45	30.38	25.73	13.2	15.3	474	100-875	3	"	600	"	"	
"	"	"	02:38	23.63	23.97	10.3	9.7	1822	"	1	"	0000	"	7.0	
"	"	"	03:04	21.24	23.43	10.5	16.5	1771	"	1	"	"	"	"	
"	"	"	03:31	18.54	13.78	10.3	14.8	2345	2250-2875	5	KP KP	"	"	"	
"	"	"	04:00	10.97	16.73	9.7	13.9	2579	2500-2625	5	KP KP	"	"	"	
"	"	"	04:13	08.76	13.65	10.1	15.9	2667	2625-3000	2	KP	0000	"	"	
"	"	"	04:30	06.02	14.03	10.4	14.1	2706	"	"	"	"	"	"	
"	"	"	05:00	00.38	05.86	10.5	14.7	2869	"	1	"	"	"	"	
"	"	"	05:14	57.86	04.32	10.4	20.1	3051	3000-3375	3	K-P	"	"	"	
"	"	"	05:44	57.01	00.24	10.0	15.6	1971	2625-3000	3	KP	"	"	"	
"	"	"	06:22	56.30	59.60	10.8	17.4	3060	3000-3375	3	K-P	"	"	"	
"	"	"	06:31	55.23	54.19	10.5	16.3	3006	2675-3000	2	KP	"	"	"	
"	"	"	06:38	53.00	58.19	10.6	16.5	3025	3000-3375	3	K-P	"	"	"	
"	"	"	06:02	50.60	53.72	8.6	16.7	2918	2625-3000	3	KP	"	"	"	
"	"	"	06:20	49.54	52.76	8.7	24.3	3106	2625-3375	3	K-P	"	"	"	
"	"	"	06:32	47.43	51.19	5.1	12.0	3026	3000-3375	3	K-P	0000	"	"	
"	"	"	07:08	41.71	45.61	12.2	15.6	3265	3000-3375	3	K-P	"	"	"	
"	"	"	07:39	38.65	40.83	17.2	14.3	3224	"	"	"	"	"	"	
"	"	"	08:05	30.45	36.48	12.8	13.2	3391	3375-3750	2	KP	"	"	"	schlechte Aufzeichnung durch starken Seegang

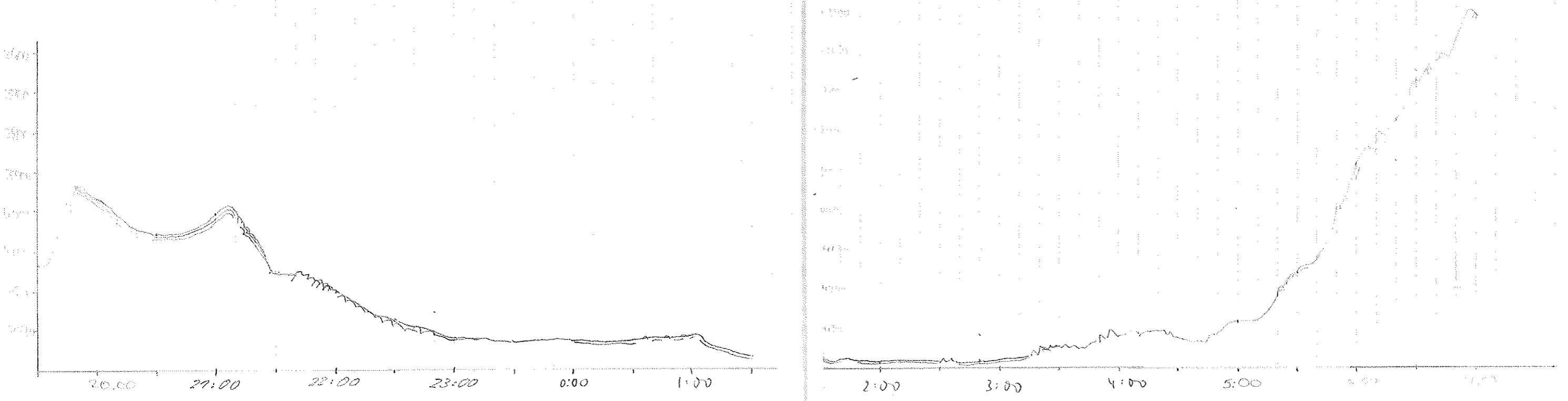


Roll	Proj. d.	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Swag	Trigger	Depth	Speed	Profile Length	Note
M30	8/454	19.2.26	8:30	73° 25.63	25° 33.60	12.7	130	3474	3375 - 3750	2	KP	∅	500	1.	schlechte Aufzeichnung d. starken Seegang
"	"	"	9:00	20.08	29.17	10.9	114.4	3536	"	"	"	"	"	"	
"	"	"	9:30	14.92	23.78	11.3	116.5	3600	"	"	"	"	"	"	
"	"	"	10:00	09.31	18.16	11.4	115.3	3653	"	"	"	"	"	"	
"	"	"	10:31	03.82	13.27	11.1	119.2	3675	"	"	"	"	"	"	
"	"	"	11:00	72° 58.77	25° 06.91	11.4	20.7	3756	"	"	"	"	"	"	
"	"	"	11:32	52.75	24° 58.65	11.5	17.5	3692	"	"	"	"	"	"	
"	"	"	11:50	49.56	55.22	11.6	18.4	3796	3750 - 4125	3	KP	"	"	"	
"	"	"	12:00	47.67	53.34	11.8	15.7	3808	"	"	"	"	"	"	
"	"	"	12:30	41.92	47.73	11.7	16.2	3815	"	"	"	"	"	"	
"	"	"	13:00	36.58	42.37	11.5	14.8	3894	"	"	"	"	"	"	
"	"	"	13:36	29.93	36.50	11.0	13.2	3937	"	"	"	"	"	"	
R 30	8/455	"	14:03	25.03	32.28	12.3	12.6	3942	"	"	"	"	"	"	
"	"	"	14:34	72° 18.85	26.94	11.7	14.8	4027	"	"	"	"	"	"	Beginn SKALEAD Profil 8/55
"	"	"	15:04	13.05	22.07	11.7	13.9	4076	"	"	"	"	"	"	
"	"	"	15:30	08.24	18.16	11.6	14.8	3932	"	"	"	"	"	"	
"	"	"	16:00	02.49	13.42	11.9	13.1	3744	3375 - 3750	2	KP	"	"	"	
"	"	"	16:21	71° 58.70	10.50	11.9	17.2	3851	3750 - 4125	3	KP	"	"	"	
"	"	"	16:31	56.84	08.93	11.3	9.5	4020	"	"	"	"	"	"	
"	"	"	16:46	54.03	06.69	11.7	10.4	4075	"	"	"	"	"	"	Profil Ende Profil Start 8/456
"	8/456	"	17:06	51.87	23° 58.57	9.9	184.2	4068	"	"	"	"	"	"	
"	"	"	17:31	59.13	59.21	12.2	192.2	3992	"	"	"	"	"	"	
"	"	"	18:00	72° 06.48	24° 05.62	12.5	192.6	4000	"	"	"	"	"	"	
"	"	"	18:31	12.26	10.49	12.9	195	4116	"	"	"	"	"	"	
"	8/456	"	18:38	13.80	11.84	12.9	193	4080	"	"	"	"	"	"	Profil ende 8/456 Profil anfang 8/457
"	8/457	"	18:49	16.25	6.32	10.7	18	4051	"	"	"	"	"	"	
"	"	"	19:00	12.06	4.27	12.3	15	4187	"	"	"	"	"	"	
"	"	"	19:33	05.56	20° 58.20	12.2	15.2	4134	"	"	"	"	"	"	

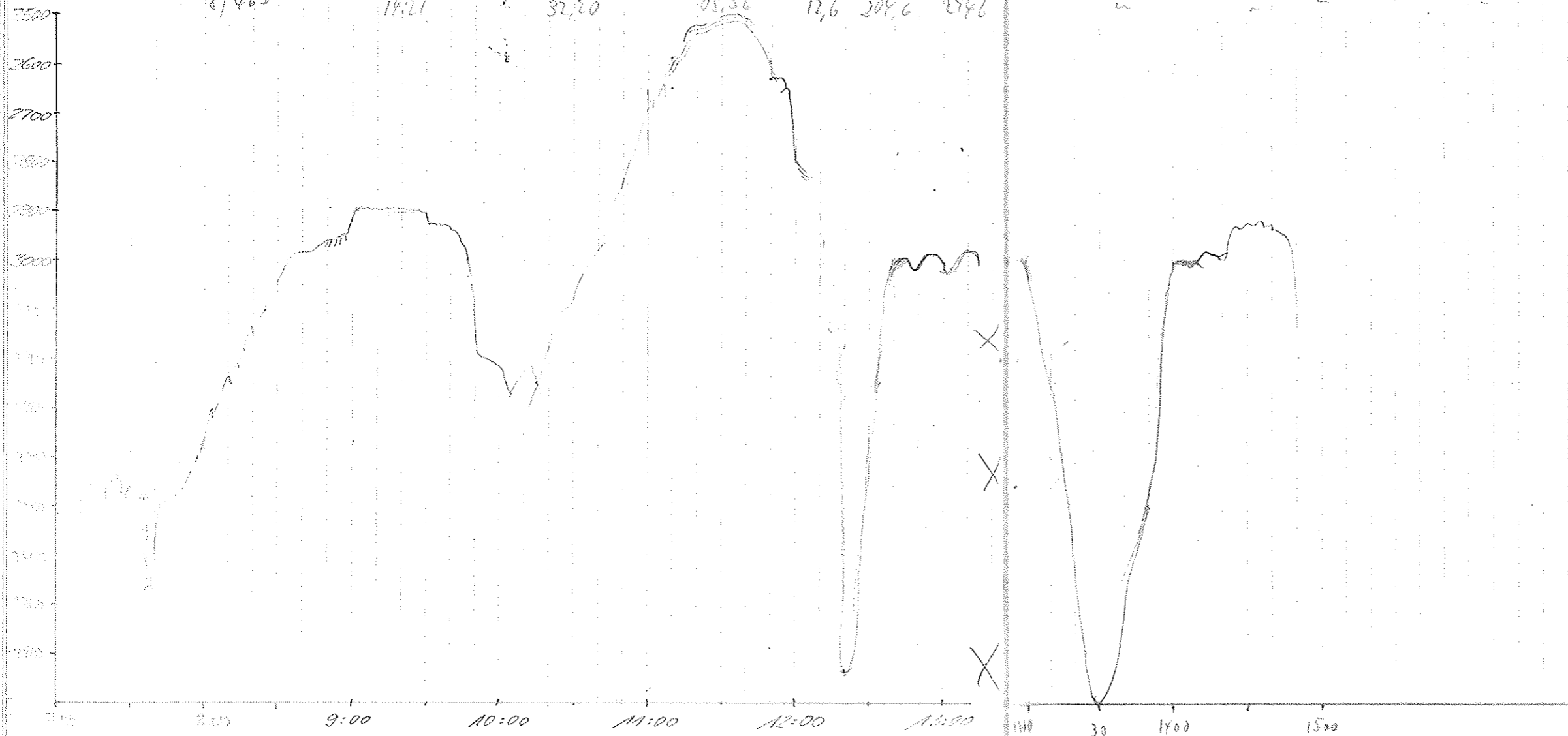


Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth Range	Sweep	Trigger	msec Delay	m sec com	pieces/min	Note
30	8/457	19.2.86	20:02	71° 59.82	23° 53.76	11.8	14.0	3964	3750 - 4125	3	KP-	0000	500	1.0	Start 8/458
"	8/458	"	20:30	71° 54.39	23° 49.62	12.0	6.6	4053	"	"	"	"	"	"	
"	"	"	21:00	52.92	32.76	12.4	73.6	4008	"	"	"	"	"	"	
"	"	"	21:28	51.07	13.90	12.5	79.6	4155	4125 - 4500	2	KP	"	"	"	
"	"	"	22:00	48.54	54.07	12.6	68.5	4200	"	"	"	"	"	"	
"	"	"	22:32	46.85	22° 33.84	12.7	68.0	4266	"	"	"	"	"	"	
"	"	"	23:02	43.53	14.97	12.8	70.9	4305	"	"	"	"	"	"	
"	"	"	23:30	41.43	21° 56.67	13.0	69.4	4318	"	"	"	"	"	"	
"	"	"	0:03	39.00	36.03	12.9	70.4	4312	"	"	"	"	"	"	
"	"	"	0:33	37.04	16.91	12.7	70.9	4316	"	"	"	"	"	"	
"	"	"	1:00	34.92	01.05	12.6	66.7	4310	"	"	"	"	"	"	
"	"	"	1:32	32.47	20° 41.76	12.9	67.8	4357	"	"	"	"	"	"	
"	"	"	2:00	30.36	23.83	12.9	65.4	4377	"	"	"	"	"	"	
"	"	"	2:30	28.10	05.53	13.1	69.2	4385	"	"	"	"	"	"	
"	"	"	3:00	25.83	19° 46.85	12.9	69.1	4387	"	"	"	"	"	"	
"	"	"	3:31	23.52	27.86	13.0	68.7	4346	"	"	"	"	"	"	
"	"	"	4:00	21.38	10.36	12.6	69.4	4319	"	"	"	"	"	"	
"	"	"	4:30	18.89	18° 50.08	12.8	68.6	4339	"	"	"	"	"	"	
"	"	"	5:00	16.76	33.17	12.8	70.7	4283	"	"	"	"	"	"	
"	"	"	5:30	14.62	14.98	12.3	68.4	4157	"	"	"	"	"	"	
"	"	"	5:36	14.23	11.64	12.6	68.8	4146	3750 - 4125	3	KP-	"	"	"	
"	"	"	6:00	12.43	17° 56.10	12.6	69.3	3887	"	"	"	"	"	"	
"	"	"	6:21	10.81	64.57	12.5	68.9	3785	3750 - 3730	2	KP	"	"	"	
"	"	"	6:27	09.97	37.89	12.7	68.5	3622	"	"	"	"	"	"	
"	"	"	7:00	07.92	20.30	12.6	69.0	3501	"	"	"	"	"	"	

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20. Feb. 1986



Roll	Profid	Date	Time	Lat S	Long W	Speed	Course	Depth	Depth-Range	Swamp	Trigger	m sec delay	m sec scan	pulse/length	Note
30	8/458	20.2.86	7:30	71° 05.55	17° 03.19	12.4	67.5	3454	3375-3750	2	KP	0000	500	4.0	
"	"	"	08:00	03.34	16° 45.33	12.3	69.6	3378	3000-3375	3	K-P	"	"	"	
"	"	"	08:36	00.74	29.33	12.5	69.5	2986	2625-3000	2	KP	"	"	"	
"	"	"	09:03	59.05	06.56	12.5	69.0	2898	"	"	"	"	"	"	
"	"	"	09:32	56.02	15° 49.08	12.6	69.7	2925	"	"	"	"	"	"	
"	"	"	09:48	55.66	40.04	12.5	67.6	3035	3000-3375	3	K-P	"	"	"	
"	"	"	10:44	53.68	24.44	12.5	69.4	3256	"	"	"	"	"	"	
"	"	"	10:30	52.43	14.72	12.5	68.2	3074	"	"	"	"	"	"	
"	"	"	10:33	52.25	12.96	12.4	68.6	3020	2625-3000	2	KP	"	"	"	
"	"	"	11:00	50.73	11° 57.76	12.5	70.2	2676	2250-2625	5	KPKP-	"	"	"	
"	"	"	11:30	48.04	39.23	12.6	69.2	2492	"	"	"	"	"	"	
"	8/459	"	11:40	46.94	33.79	12.9	44.9	2502	"	"	"	"	"	"	
"	"	"	11:55	44.64	26.95	11.7	48.5	2648	2625-3000	2	KP	"	"	"	
"	"	"	12:03	43.37	23.66	12.7	36.3	2738	"	"	"	"	"	"	
"	"	"	12:14	41.60	19.06	12.8	42.5	3314	3000-3375	3	K-P	"	"	"	
"	8/460	"	12:20	70° 40.50	16.02	"	10.0	3852	3750-4125	3	KP-	"	"	"	Profile 8/460
"	"	"	12:31	38.39	14.50	12.8	12.0	3574	3375-3750	2	KP	"	"	"	
"	"	"	12:38	36.78	13.11	12.6	15.5	2997	2625-3000	2	KP	"	"	"	
"	"	"	12:48	34.20	11.52	12.8	15.8	3011	3000-3375	3	K-P	"	"	"	
"	8/461	"	13:03	31.86	09.02	12.8	20.1	3038	"	3	K-P	"	"	"	Profile 8/461
"	"	"	13:30	26.65	02.43	12.7	26.0	3414	3375-3750	2	KP	"	"	"	
"	"	"	32	26.10	1.37	"	"	3888	3750-4125	3	KP-	"	"	"	
"	"	"	13:38	25.01	14.00.00	12.8	49.7	4197	"	3	"	"	"	"	
"	8/462	"	13:45	25.70	13° 57.04	11.5	203.9	3817	"	"	"	"	"	"	Profile 8/462
"	"	"	14:00	28.13	14° 00.39	12.5	203.0	3004	2625-3000	2	KP	"	"	"	Profile 8/462
"	8/463	"	14:21	32.20	05.52	12.6	204.6	2946	"	"	"	"	"	"	Profile 8/463



Profile 8/460  
 Profile 8/461  
 Profile 8/462  
 Profile 8/463



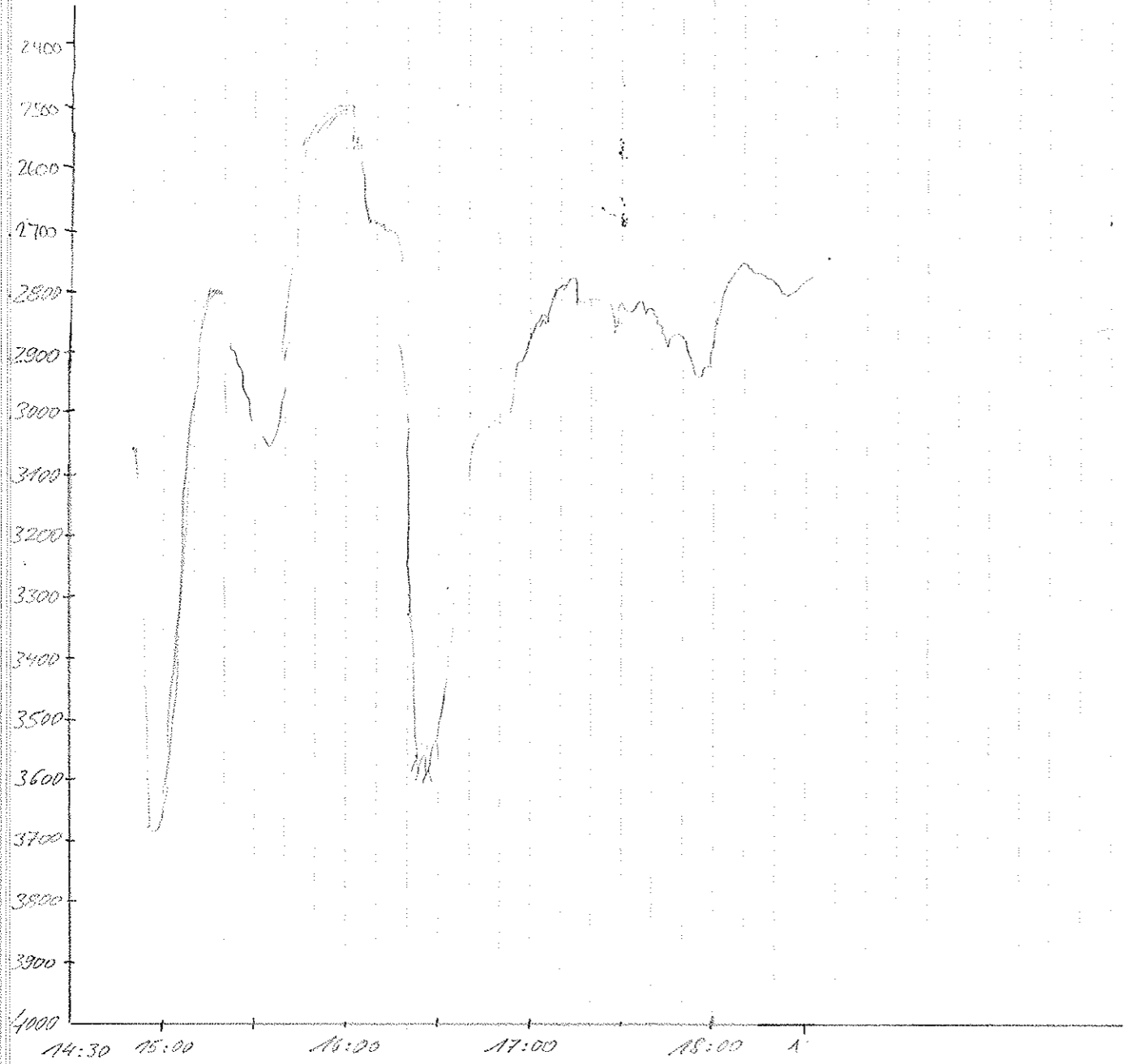
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth Range	Sweep	Trigger	msec / Delay	msec / Scan	Pulse / Length
30	8/463	20.2.86	14:50	70°38.26	14°10.18	12.7	197.0	3063	2000-3375	3	K-P	0	500	1.
"	"	"	14:56	37.65	11.35	12.8	193.9	3679	3375-3750	2	KP	"	"	"
"	8/464	"	15:00	40.50	12.19	12.8	218.4	3758	"	"	"	"	"	"
"	"	"	15:30	45.38	28.57	12.8	220.0	4646	"	"	"	"	"	"
"	8/465	"	15:42	47.50	30.00	12.7	194.0	2882	2250-2625	5	KPKP-	"	"	"
"	"	"	16:00	47.07	22.02	12.8	47.8	2500	"	"	"	"	"	"
"	"	"	16:09	45.50	17.51	12.9	46.5	2680	2625-3000	2	KP	"	"	"
"	"	"	16:20	43.87	12.21	12.8	47.0	3335	3000-3375	3	K-P	"	"	"
"	"	"	16:22	43.46	10.91	12.9	47.1	3557	3375-3750	2	KP	"	"	"
"	"	"	16:30	42.49	7.75	12.9	46.5	3533	"	"	"	"	"	"
31	8/466	"	16:33	42.22	6.21	12.6	27.0	3459	"	"	"	"	"	"
31	"	"	16:41	40.58	4.69	12.9	17.5	3059	3000-3375	3	K-P	"	"	"
31	"	"	16:45	39.87	4.00	13.1	12.0	3092	2625-3000	2	KP	"	"	"
"	"	"	17:00	36.79	0.87	13.3	17.7	2869	"	"	"	"	"	"
"	8/467	"	17:09	35.06	13° 59.85	12.6	22.2	2779	"	"	"	"	"	"
"	"	"	17:31	30.86	55.17	12.7	22.5	2837	"	"	"	"	"	"
"	"	"	17:54	26.11	49.44	12.6	32.2	2925	"	"	"	"	"	"
"	8/468	"	18:03	26.72	45.77	11.2	204.1	2849	"	"	"	"	"	"
"	"	"	18:30	31.64	57.97	12.6	204.3	2739	"	"	"	"	"	"

Profildom 464  
- Profildomfang 8/465

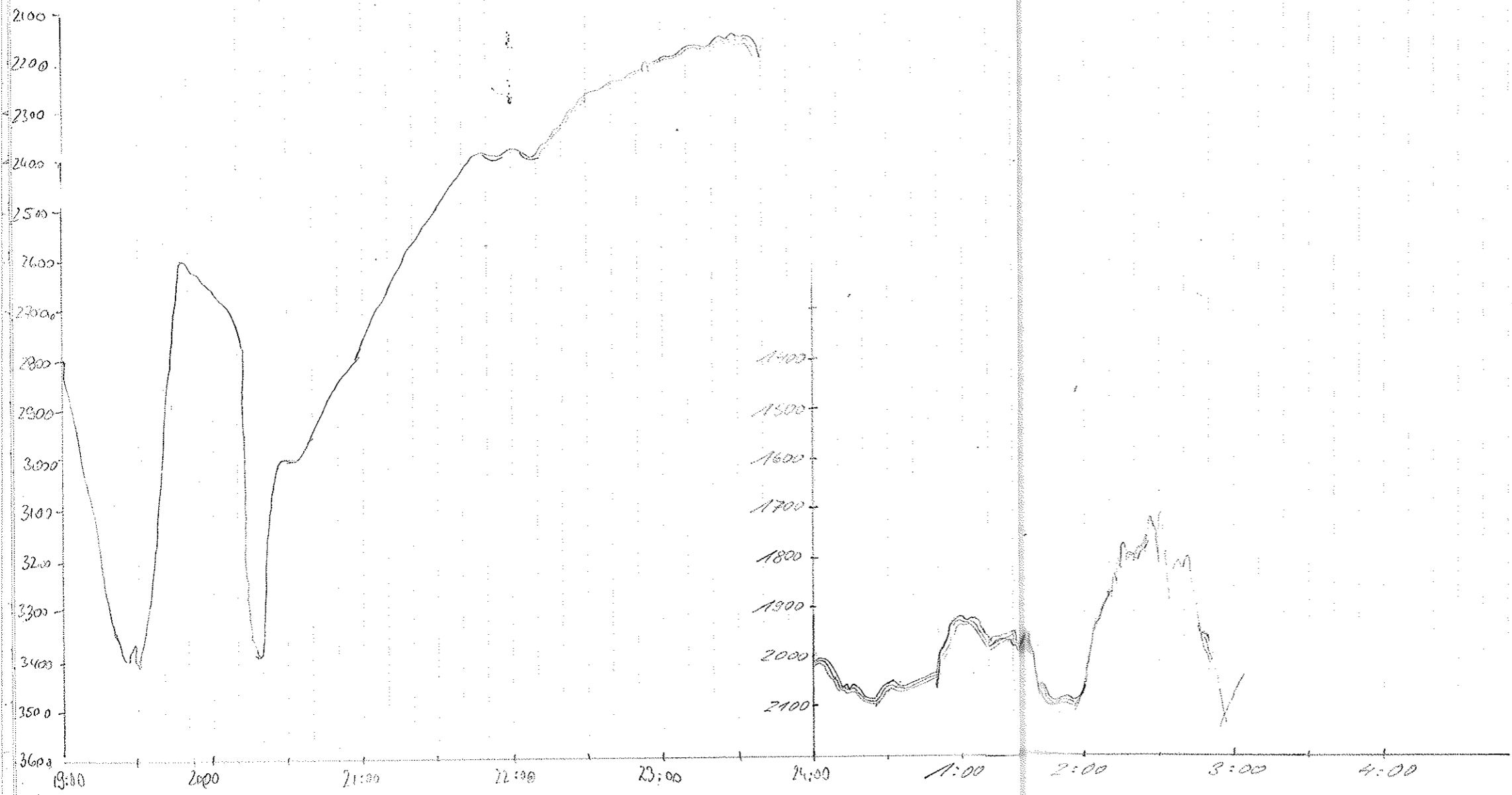
Papierwechsel  
Profildomfang 8/466

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Profildomfang 8/468

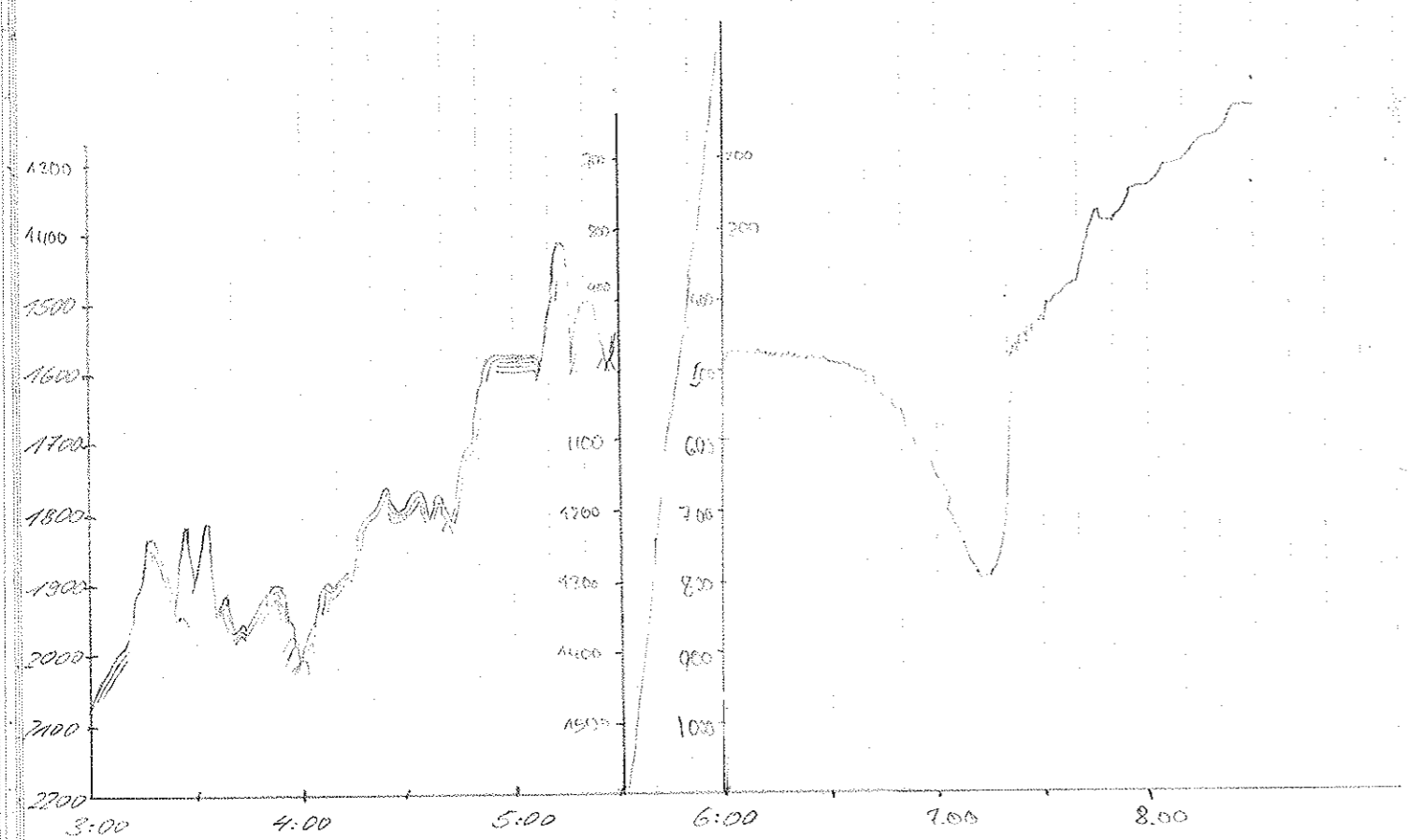


Roll	Profid	Date	Time	Lat S	Lon W	Speed	Course	Dpt	Depth - Range	Sweep	Trigger	msec delay	msec scan	Pulse / length	Note
31	8/468	20.2.86	18:51	70° 35' 86	13° 57' 30	12.7	795	2730	2625 - 3000	2	KP	0	500	7	Ende 468 / Beginn 469
"	"	"	19:15	40.81	14 00' 99	7.7	199	3077	3000 - 3375	3	K-P	0	"	"	"
"	8/469	20.2.86	19:27	70° 43' 26	14° 03' 87	12.7	201	3416	3375 - 3750	2	KP	0	"	"	Ende 469 / Beginn 470
"	8/470	"	19:53	46.91	16.19	12.7	225	2588	2250 - 2625	5	KMP-	0	"	"	Ende 470 /
"	8/471	"	20:03	"	10.79	"	048	2630	2625 - 3000	2	KP	"	"	"	Beginn 471
"	"	"	20:22	44.27	01.89	13.0	052	3791	3000 - 3375	3	K-P	"	"	"	Profilwechsel
"	8/472	"	20:38	41.18	13° 58' 07	12.8	017	2957	2625 - 3000	2	KP	"	"	"	"
"	"	"	21:00	36.77	54.26	12.9	014	2738	"	"	"	"	"	"	Profilwechsel 473
"	"	"	21:11	35.77	50.03	13.0	084	2629	2250 - 2625	5	KMP-	"	"	"	"
"	"	"	21:30	35.44	39.10	12.7	082	2486	"	"	"	"	"	"	"
"	"	"	22:00	34.70	21.13	12.4	083	2371	"	"	"	"	"	"	"
"	"	"	22:24	33.46	06.15	12.3	083	2262	1875 - 2250	2	KP	"	"	"	"
"	"	"	23:00	32.81	12° 44' 93	12.3	084	2199	"	"	"	"	"	"	"
"	"	"	23:30	32.21	25.55	12.3	084	2158	"	"	"	"	"	"	"
"	"	21.2.86	0:00	31.80	06.70	12.3	69	2008	"	"	"	"	"	"	"
"	"	"	0:37	29.09	11° 51' 07	7.2	56.3	2060	"	"	"	"	"	"	"
"	"	"	1:00	25.87	40.35	12.7	55.6	1933	"	"	"	"	"	"	"
"	"	"	1:30	22.59	24.14	12.6	47.7	1983	"	"	"	"	"	"	"
"	"	"	2:00	19.77	08.10	12.3	87.8	2080	"	"	"	"	"	"	"
"	"	"	2:14	19.46	02.57	9.9	98.3	1879	1500 - 1875	5	KPK-P	"	"	"	"
"	"	"	2:30	20.21	10° 52' 20	11.4	95.9	1872	"	"	"	"	"	"	"
"	"	"	2:47	20.68	42.70	11.1	98.1	1964	1875 - 2250	2	KP	"	"	"	"

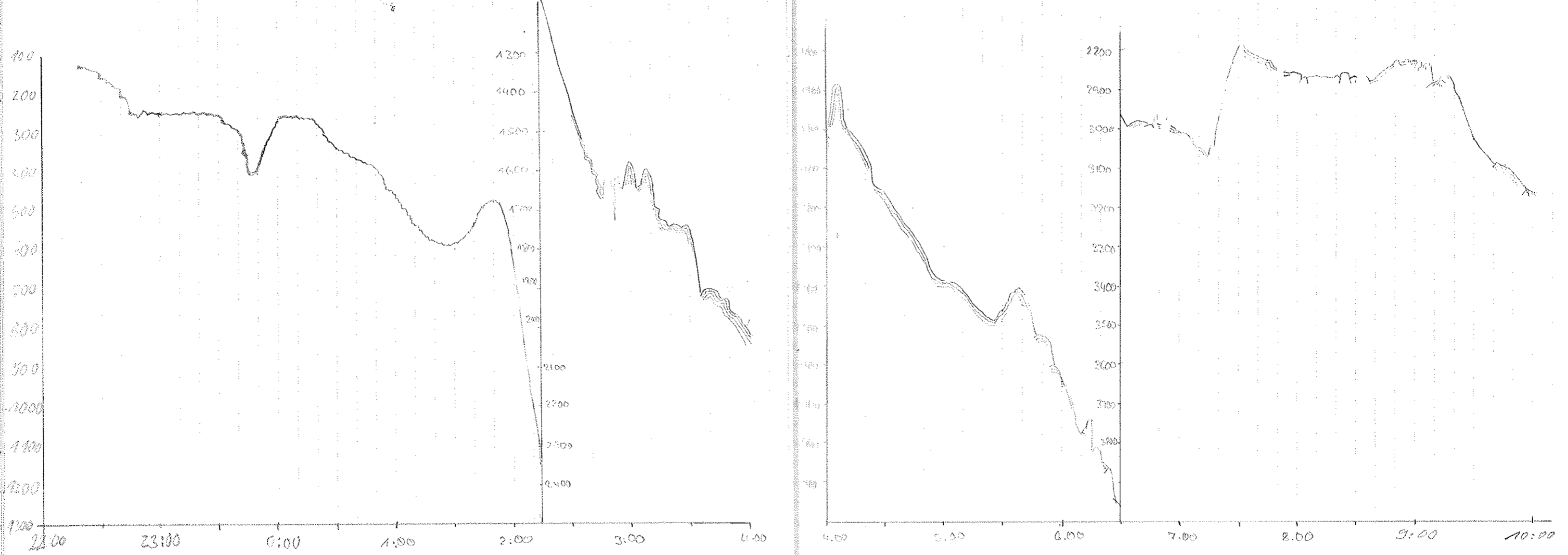


Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/ Delay	msec/ Scan	Pulse/ Length	
31	8/473	21.2.86	3:00	70°20.96	10°36.06	11.3	95.9	2072	1875-2250	2	KP	0	500	A	Störungen d. Eis!
"	"	"	3:34	21.26	28.30	11.5	97.5	1877	1500-1875	5	KPK-P	"	"	"	
"	"	"	3:24	21.24	23.18	10.9	93.4	1948	1875-2250	2	KP	"	"	"	
"	"	"	3:35	21.91	17.22	10.7	93.2	1904	1500-1875	5	KPK-P	"	"	"	
"	"	"	3:39	22.61	14.71	9.7	94.6	1952	1875-2250	2	KP	"	"	"	
"	"	"	4:00	22.11	04.71	10.8	92.9	2018	"	"	"	"	"	"	
"	"	"	4:17	21.77	0° 58.02	5.9	84.8	1873	1500-1875	5	KPK-P	"	"	"	
"	"	"	4:30	21.77	54.04	7.2	92.1	1795	"	"	"	"	"	"	
"	"	"	5:00	22.19	42.88	8.7	91.3	1580	"	"	"	"	"	"	
"	"	"	5:09	22.26	38.39	9.6	100.1	1498	1125-1500	2	KP	"	"	"	
"	"	"	5:17	22.46	35.03	7.6	101.1	1573	1500-1875	5	KPK-P	"	"	"	
"	"	"	5:21	22.56	33.60	6.7	102.8	1194	1125-1500	2	KP	"	"	"	
"	"	"	5:26	22.65	32.32	5.2	101.7	11570	1500-1125	5	KPK-P	"	"	"	
"	"	"	5:42	22.90	28.64	6.4	103.9	1243	1125-1500	2	KP	"	"	"	
"	"	"	5:45	22.96	27.53	7.1	84.9	1074	1150-1125	3	K-P	"	"	"	
"	"	"	5:54	23.00	23.85	8.1	92.7	~250	375-750	2	KP	"	"	0.5	
"	"	"	6:00	22.96	21.72	7.9	92.5	472	"	"	"	"	"	0.2	
"	"	"	6:30	22.56	5.32	13.8	88.7	479	"	"	"	"	"	"	
"	"	"	7:02	22.98	8° 43.15	13.9	117.3	742	"	"	"	"	"	"	
"	"	"	7:11	22.21	8° 38.32	13.7	126.7	781	525-900	2	P-K	700	"	0.5	
"	"	"	7:21	22.56	32.88	13.7	125.9	673	375-750	"	"	500	"	0.2	
"	"	"	7:32	27.97	23.29	14.0	123.7	~380	225-600	"	"	300	"	"	
"	"	"	8:10	31.17	10.20	12.7	160	210	110-515	"	"	200	"	"	
"	"	"	8:23	34.83	8.50	10.7	177	116	75-450	"	"	100	"	"	
"	"	"	8:43	35.89	8.50	1.0	262.7	84	"	"	"	"	"	"	

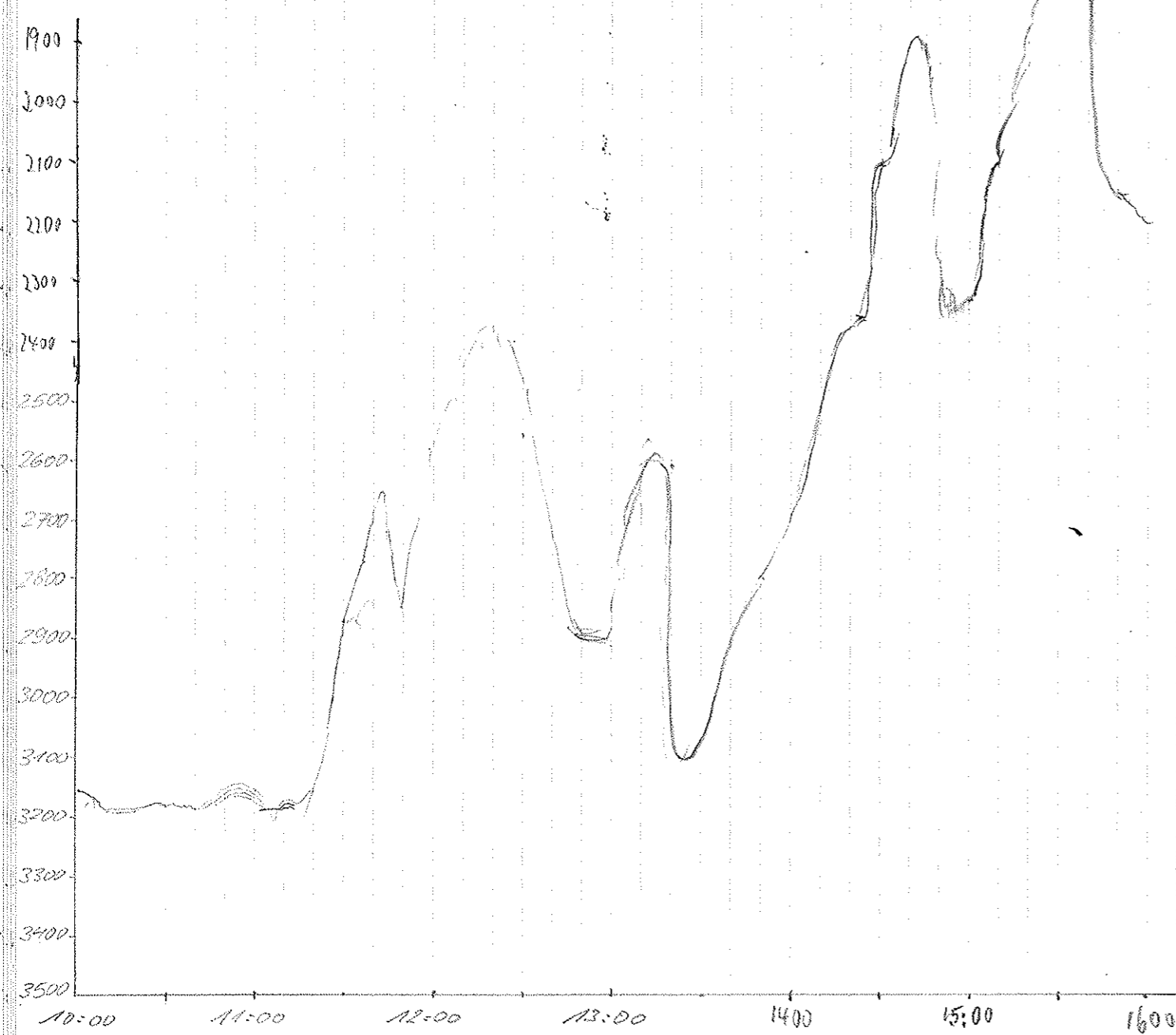
Stamml B.



Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth m	Depth Range	Sweep	Trigger K- P-	msec/ Delay	msec/ Scan	Pulse Length	Note
37	-	21.2.86	22:19	70°34.79'	8°04.48'	8.9	46°	124	75-450	2	K- P-	100	500	0.2	Anlaufen Atka-Bucht
"	-	"	23:00	70°37.36'	7°48.53'	9.4	89.7	249	"	"	"	"	"	"	
"	-	"	23:30	30.47	35.36	8.2	67.7	273	"	"	"	"	"	"	
"	-	22.2.86	0:00	26.75	27.13	8.5	49.4	279	"	"	"	"	"	"	Arbeiten Eis
"	-	"	0:30	24.49	18.95	8.2	66.8	344	"	"	"	"	"	"	
"	-	"	0:56	25.44	10.28	8.5	42.8	414	775-750	2	KP	0000	"	0.5	
"	-	"	1:40	21.28	6°57.29	7.1	16.0	536	"	"	"	"	"	"	
"	-	"	2:05	19.10	57.28	8.0	10.4	846	750-1125	3	K-P	"	"	1.0	
"	8/474	"	2:10	17.65	57.09	8.2	7.0	966	1125-1500	2	KP	"	"	"	Problemfang 8/474
"	"	"	2:35	13.93	54.46	8.3	9.0	1517	1500-1875	5	KPK-P	"	"	"	
"	"	"	3:00	9.41	59.19	11.3	7.9	1583	"	"	"	"	"	"	
"	"	"	3:30	4.08	49.72	11.0	11.1	1764	"	"	"	"	"	"	
"	"	"	3:35	3.45	50.05	11.0	13.1	1916	1875-2250	2	KP	"	"	"	
"	"	"	4:00	69° 59.26	6° 47.03	11.0	8.2	?	"	"	"	"	"	"	
"	"	"	4:30	54.11	45.00	10.9	7.6	2156	"	"	"	"	"	"	
"	"	"	4:44	51.53	43.50	10.2	12.5	2268	2250-2625	5	KPKP-	"	"	"	
"	"	"	5:00	49.02	43.19	10.2	12.7	2393	"	"	"	"	"	"	
"	"	"	5:30	44.12	39.88	10.6	13.2	2459	"	"	"	"	"	"	
"	"	"	6:00	39.01	37.45	11.1	2.7	2642	2625-3000	2	KP	"	"	"	
"	"	"	6:30	34.82	36.19	6.8	17.0	2459	"	"	"	"	"	"	
"	"	"	7:06	30.79	33.16	7.3	7.3	3018	3000-3275	3	K-P	"	"	"	
"	"	"	7:26	29.16	33.97	9.4	20.6	2967	2625-3000	?	KP	"	"	"	
"	"	"	8:01	25.08	6° 29.33	5.3	16.8	2849	"	"	"	"	"	"	Ende Profil 8/474
"	-	"	8:32	26.03	37.86	5.8	232.2	2844	"	"	"	"	"	"	
"	-	"	9:02	27.48	37.74	5.7	237.5	2824	"	"	"	"	"	"	
"	-	"	9:30	28.20	44.47	6.1	231.3	3027	3000-3375	3	K-P	"	"	"	Start Seismik Profil 8/475 um 9:32
"	8/475	"	10:00	30.29	49.47	5.5	249.9	3162	"	"	"	"	"	"	

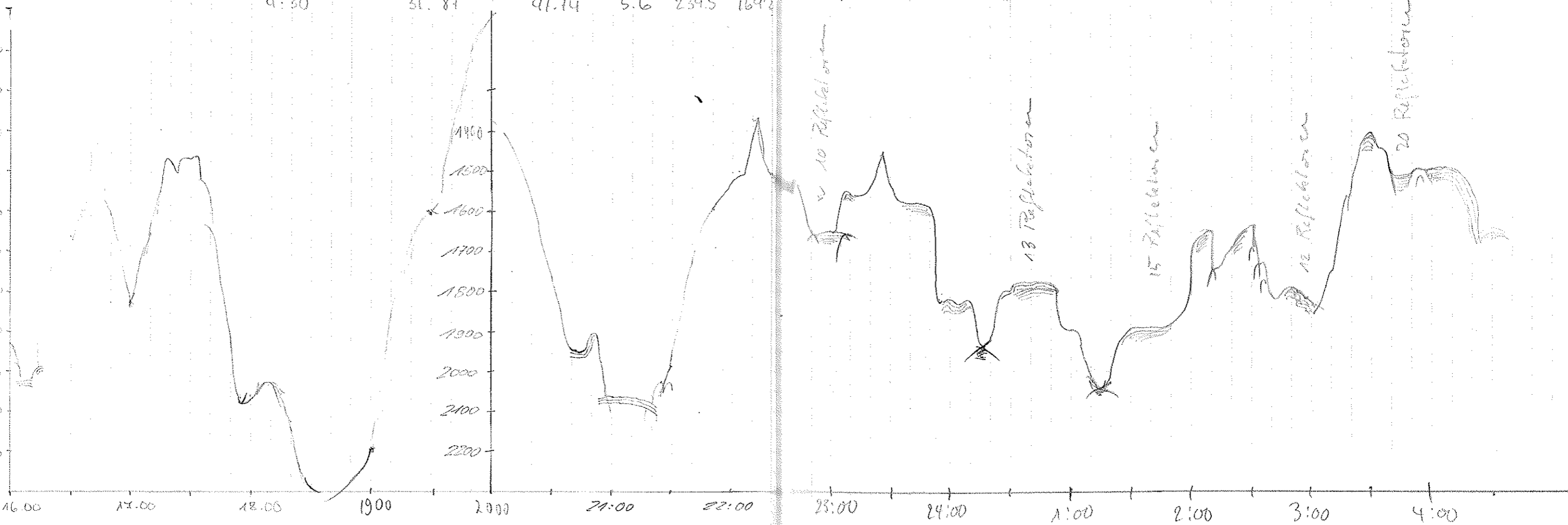


ROLL	Profile	Date	Time	lat S	lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec delay	m sec scan	pulse/length	Note
31	8/475	22.286	10:31	69° 31.81	6° 56.10	5.5	236.7	3182	3000 - 3375	3	K-P	∅	500	1.0	
"	"	"	11:00	33.50	7° 02.18	5.8	228.2	3464	"	"	"	"	"	"	
"	"	"	11:30	34.59	08.23	5.4	250.3	2871	2625 - 3000	2	KP	"	"	"	
"	"	"	11:39	34.94	11.39	5.4	235.6	2715	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	11:46	35.21	13.07	5.8	254.9	2781	2625 - 3000	2	KP	"	"	"	
"	"	"	11:58	35.69	16.01	5.5	234.7	2580	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	12:14	36.60	19.77	5.4	232.3	2230	1875 - 2250	2	KP	"	"	"	
"	"	"	12:25	37.21	21.76	5.4	213.0	2790	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	12:37	38.14	24.07	5.6	228.3	2709	2625 - 3000	2	KP	"	"	"	
"	"	"	13:09	40.19	30.32	6.0	237.3	2450	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	13:30	41.49	34.92	5.7	219.7	3050	3000 - 3375	3	K-P	"	"	"	
"	"	"	13:49						2625 - 3000	2	KP	"	"	"	
"	"	"	14:10	43.89	42.70	5.9	226.7	2623	2250 - 2625	5	KPKP-	"	"	"	2m stand
"	"	"	14:32	45.72	48.05	6.4	226.0	2122	1875 - 2250	2	KP	"	"	"	
"	"	"	14:48	46.50	50.79	5.8	229.6	2044	"	2	KP	"	"	"	
"	"	"	15:04	47.65	54.36	5.2	223	2343	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	15:20	48.90	58.04	6.3	233	1871	1500 - 1875	5	KPKP-P	"	"	"	
"	"	"	15:43	50.15	8° 03.35	6.2	244	1965	1875 - 2250	2	KP	"	"	"	
"	"	"	16:00	50.96	08.06	6.3	240	2330	2250 - 2625	5	KPKP-	"	"	"	



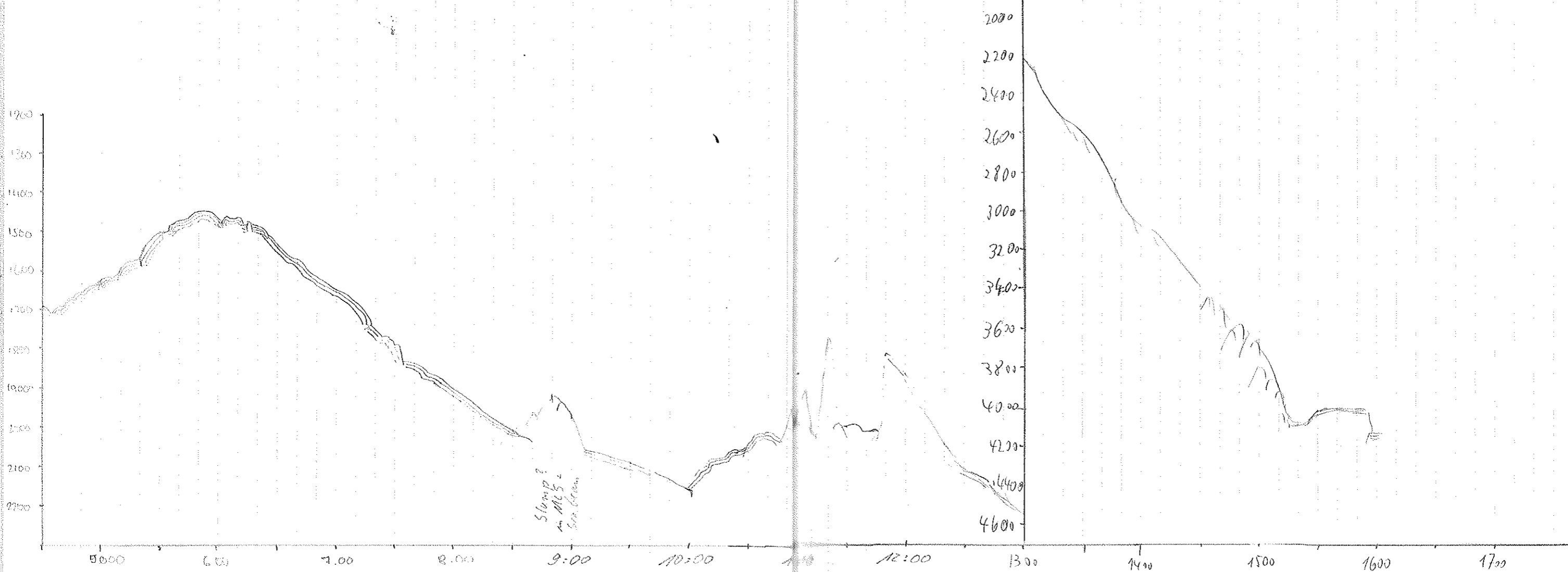
Roll	Prof	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec delay	m sec scan	pulse / length	Note
31	8/475	22.2.86	16:21	69° 51.91	8° 12.92	5.3	210.6	2278	1875 - 2250	2	KP	0000	500	1.0	
"	"	"	16:30	52.26	14.86	5.7	244.5	2061	"	"	"	"	"	"	
"	"	"	17:00	53.78	21.33	5.1	275.5	2239	"	"	"	"	"	"	
"	"	"	17:15	54.86	24.27	5.8	216.9	1877	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	17:23	55.45	25.41	5.6	215.1	1900	1875 - 2250	2	KP	"	"	"	
"	"	"	17:26	55.70	25.90	5.8	212.4	1878	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	17:34	56.36	27.27	5.4	218.4	1930	1875 - 2250	2	KP	"	"	"	
"	"	"	17:54	57.57	31.29	5.4	233.6	2475	2250 - 2625	5	KPK-P	"	"	"	
"	"	"	18:12	70° 00.55	43.50	5.6	227.2	2762	2625 - 3000	2	KP	"	"	"	
"	"	"	19:08	01.56	47.11	6.2	228.7	2475	2250 - 2625	5	KPK-P	"	"	"	
"	"	"	19:25	02.45	50.60	6.0	233	2120	1875 - 2250	2	KP	"	"	"	
"	"	"	19:40	03.59	54.68	5.9	232.8	1750	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	20:04	04.82	58.35	5.5	230.3	1325	1125 - 1500	2	KP	"	"	"	
"	"	"	20:19	05.73	9° 02.01	5.6	230.0	1612	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	20:40	06.84	06.97	5.3	239.7	1944	1875 - 2250	2	KP	"	"	"	
"	"	"	21:00	07.59	10.99	5.0	239.6	2063	"	"	"	"	"	"	
"	"	"	21:30	09.32	17.52	5.6	235.9	1985	"	"	"	"	"	"	
"	"	"	21:47	09.84	20.22	6.4	236.9	1988	"	"	"	"	"	"	
"	"	"	21:50	10.24	22.70	5.9	235.9	1600	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	22:05	10.93	25.51	6.0	232.6	1500	1125 - 1500	2	KP	"	"	"	
"	"	"	22:15	11.53	27.7	5.6	230.2	1572	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	22:22	14.63	40.33	6.4	229.0	1487	1125 - 1500	2	KP	"	"	"	
"	"	"	23:32	15.43	42.42	4.4	231.1	1575	1500 - 1875	5	KPK-P	"	"	"	
"	"	23.2.86	0:13	17.79	57.35	5.6	232.7	1956	1875 - 2250	2	KP	"	"	"	
"	"	"	0:23	17.97	52.07	4.8	233.8	1864	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	1:04	70° 20.23	10° 01.08	5.4	231.5	1911	1875 - 2250	2	KP	"	"	"	
"	"	"	1:52	22.74	12.05	5.6	235.8	1873	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	3:24	28.37	32.05	6.2	230.6	1043	1125 - 1500	2	KP	"	"	"	
"	"	"	3:36	29.14	35.09	5.8	236.3	1619	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	4:30	31.87	47.74	5.6	239.5	1692	"	"	"	"	"	"	

Rolle gewechselt  
Start Rolle # 32

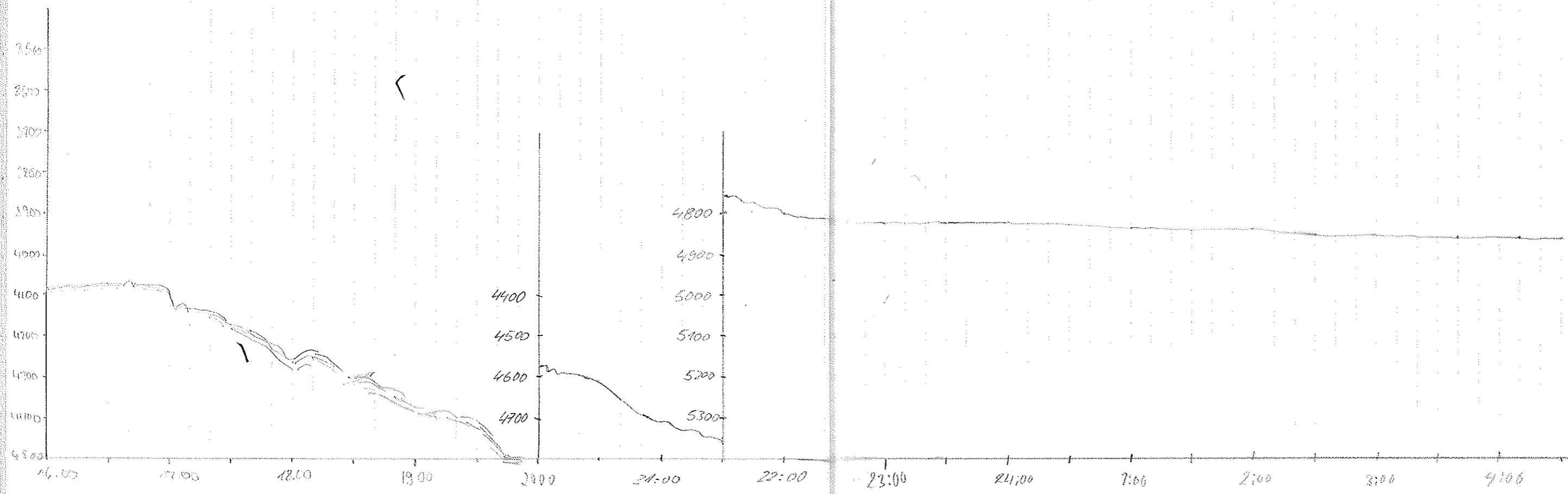


32

Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Triggs	msec delay	msec scan	pulse/length	Note
32	8/475	23.2.86	5:00	70° 33.49	10° 54.21	5.5	232.2	1639	1500 - 1875	5	KPK-P	0000	500	1.0	
"	"	"	5:28	34.91	11° 00.06	6.0	223.3	1501	1125 - 1500	2	KP	"	"	"	Profile ends 8/475
"	"	"	6:02	36.14	10° 55.51	6.5	88.7	1465	"	"	"	"	"	"	
"	8/476	"	6:22	35.83	50.38	5.3	8.1	1498	"	"	"	"	"	"	Profile starts 8/476
"	"	"	6:25	35.59	50.74	5.1	325.5	1513	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	7:00	33.22	53.44	5.2	336.7	1649	"	"	"	"	"	"	
"	"	"	7:30	30.94	57.17	5.1	334.0	1798	"	"	"	"	"	"	
"	"	"	7:55	29.00	11° 00.69	5.3	335.8	1882	1875 - 2250	2	KP	"	"	"	
"	"	"	8:30	26.13	04.23	5.4	340.7	2004	"	"	"	"	"	"	
"	"	"	9:00	23.69	11° 07.24	5.3	335.7	1975	"	"	"	"	"	"	
"	"	"	9:30	21.28	10.10	5.7	338.9	2090	"	"	"	"	"	"	
"	"	"	10:00	18.75	12.25	5.3	337.7	2154	"	"	"	"	"	"	
"	"	"	10:30	16.17	15.19	5.4	337.5	2049	"	"	"	"	"	"	
"	"	"	11:00	13.84	17.99	5.3	337.7	1976	"	"	"	"	"	"	
"	"	"	11:19	12:31	19.89	5.2	337.7	1805	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	11:24	11:74	20.63	5.2	337.7	1992	1875 - 2250	2	KP	"	"	"	
"	"	"	11:52	09.32	23.45	5.7	330.7	1820	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	12:04	8:25	24.95	5.2	330.8	1899	1875 - 2250	2	K	"	"	"	
"	"	"	13:12	7:95	32.44	4.6	378.0	2372	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	13:55	69.0	39.41	5.1	337.0	2677	"	"	"	"	"	"	
"	"	"	14:01	58.72	37.58	6.0	335.0	2686	2625 - 3000	2	KP	"	"	"	
"	"	"	14:45	55.24	41.83	5.9	336.1	3023	3000 - 3375	3	K-P	"	"	"	
"	"	"	15:17	52.64	45.17	5.9	332.6	3912	3375 - 4125	3	KP-	"	"	"	
"	"	"	16:03	48.76	50.04	7.2	311.2	4076	"	"	"	"	"	"	

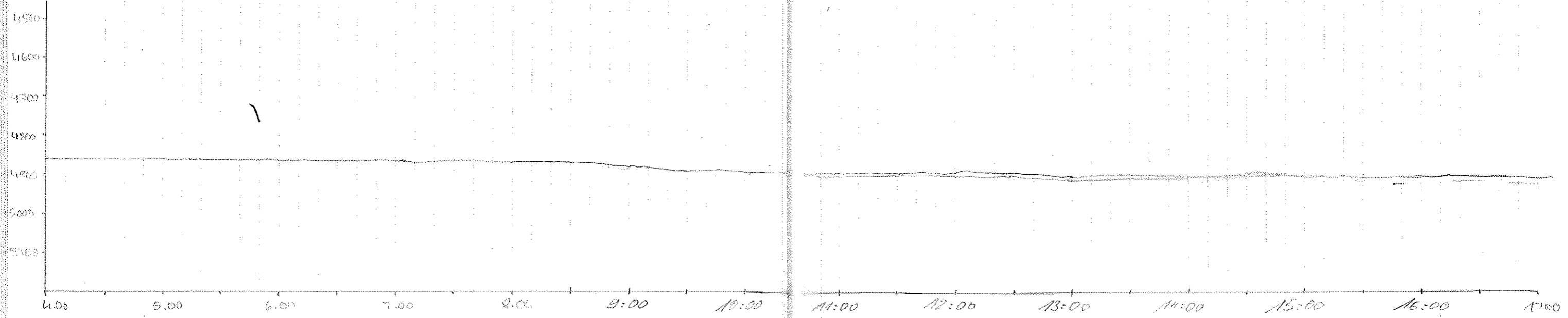


Roll	Prof ID	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep Triggers	msec delay	msec scan	pulses/length	Note	
32	8/476	23.2	16:32	69° 49.30	11° 52.96	4.6	335.6	4060	3375 - 4125	3	KP-	0000	500	1.0	
"	"	"	17:02	43.72	55.79	5.3	345.6	4112	"	"	"	"	"	"	
"	"	"	17:30	41.39	57.93	5.7	346.9	4176	4125 - 4500	2	KP	"	"	"	
"	"	"	18:00	38.49	12° 1.13	5.8	340.1	4264	"	"	"	"	"	"	
"	"	"	18:30	36.30	4.70	6.0	339.0	4313	"	"	"	"	"	"	
"	"	"	19:00	34.06	9.21	5.2	332.9	4390	"	"	"	"	"	"	
"	"	"	19:30	31.69	12.88	5.4	332.8	4480	"	"	"	"	"	"	
"	"	"	19:54	29.61	15.58	5.5	338.7	4573	4500 - 4875	7	KP-K-P-	"	"	"	
"	"	"	20:31	26.69	18.88	5.6	334.2	4614	"	"	"	"	"	"	
"	"	"	21:02	24.19	21.43	5.3	337.9	4704	"	"	"	"	"	"	
"	"	"	21:30	21.90	23.79	5.0	341.7	4757	"	"	"	"	"	"	
"	"	"	22:00	19.43	26.29	5.2	340.2	4801	"	"	"	"	"	"	
"	"	"	22:30	17.17	28.32	5.1	340.8	4816	"	"	"	"	"	"	
"	"	"	23:00	14.63	31.22	5.5	336.0	4824	"	"	"	"	"	"	depth from Seabeam
"	"	"	23:30	12.08	34.39	5.3	329.9	4824	"	"	"	"	"	"	
"	"	24.2	00:00	09.59	37.96	5.5	341.8	4830	"	"	"	"	"	"	
"	"	"	00:30	07.19	41.63	5.3	332.0	4837	"	"	"	"	"	"	
"	"	"	01:04	04.26	44.95	6.2	327.1	4840	"	"	"	"	"	"	
"	"	"	01:37	01.30	48.04	5.5	337.9	4844	"	"	"	"	"	"	
"	"	"	02:00	68° 59.37	50.29	5.5	345.4	4841	"	"	"	"	"	"	
"	"	"	02:31	56.66	53.53	6.1	340.5	4854	"	"	"	"	"	"	
"	"	"	03:00	54.26	56.47	5.5	350.1	4856	"	"	"	"	"	"	depth from Seabeam
"	"	"	03:30	51.94	59.32	4.8	343.7	4860	"	"	"	"	"	"	
"	"	"	04:00	49.46	13° 01.84	5.0	352.9	4862	"	"	"	"	"	"	
"	"	"	04:31	47.19	04.64	5.5	325.3	4868	"	"	"	"	"	"	





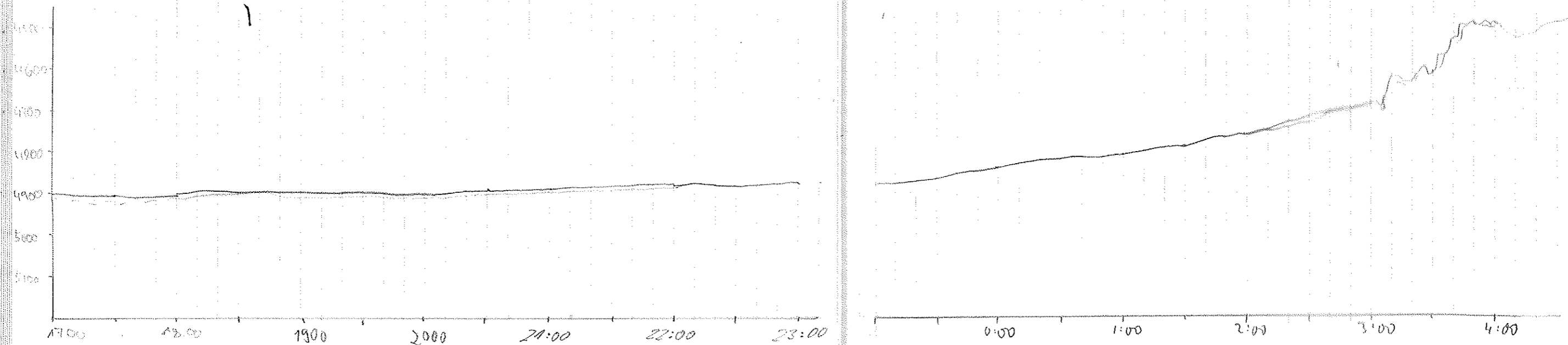
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth - Range	Sweep Trigger	msec delay	msec scan	pulse/length	Note
32	8/476	24.2.86	05:04	68° 44.61	13° 8.02	6.0	329.0	4868	4500 - 4875	7	KP-K-P-	0000	500	1.0
"	"	"	05:33	68° 42.74	13° 10.35	5.5	339.2	4872	"	"	"	"	"	"
"	"	"	06:00	40.04	12.42	5.2	340.4	4871	"	"	"	"	"	"
"	"	"	06:30	37.77	16.54	5.2	338.2	4864	"	"	"	"	"	"
"	"	"	07:04	34.99	19.47	5.4	339.1	4870	"	"	"	"	"	"
"	"	"	07:34	32.79	22.31	5.2	339.7	4876	"	"	"	"	"	"
"	"	"	08:00	30.61	24.68	5.5	338.4	4872	"	"	"	"	"	"
"	"	"	08:31	28.03	26.96	5.3	343.0	4871	"	"	"	"	"	"
"	"	"	09:00	25.68	29.62	5.2	338.1	4881	"	"	"	"	"	"
"	"	"	09:32	22.59	32.43	6.3	337.0	4891	"	"	"	"	"	"
"	"	"	10:05	19.44	36.63	6.6	332.6	4894	"	"	"	"	"	"
"	"	"	10:36	16.82	40.47	5.8	330.7	4891	"	"	"	"	"	"
"	"	"	11:03	14.48	43.44	5.7	334.7	4894	"	"	"	"	"	"
"	"	"	11:32	11.88	46.02	5.6	334.5	4890	"	"	"	"	"	"
"	"	"	11:54	09.90	48.39	6.2	333.3	4893	4575 - 4950	"	"	100	"	"
"	"	"	12:33	6.51	52.56	6.4	327.0	4908	"	"	"	"	"	Ende 8/476 um 12:37
"	"	"	13:04	04.47	50.34	5.4	107.7	4901	"	"	"	"	"	"
"	"	"	13:30	05.13	48.46	6.4	97.8	4894	"	"	"	"	"	"
"	"	"	14:02	5.41	35.12	6.8	90.8	4931	"	"	"	"	"	"
"	"	"	14:31	5.42	27.88	5.8	88.9	4912	"	"	"	"	"	"
"	8/477	"	15:13	6.08	16.85	6.4	135.0	4913	"	"	"	"	"	Start 8/477
"	"	"	15:30	7.39	15.05	6.0	139.0	4906	"	"	"	"	"	"
"	"	"	16:00	9.57	9.32	6.4	142.5	4905	"	"	"	"	"	"
"	"	"	16:08	13.05	1.73	6.2	143.9	4899	"	"	"	"	"	"
"	"	"	17:06	14.29	170 59.06	5.2	144.9	4908	"	"	"	"	"	"



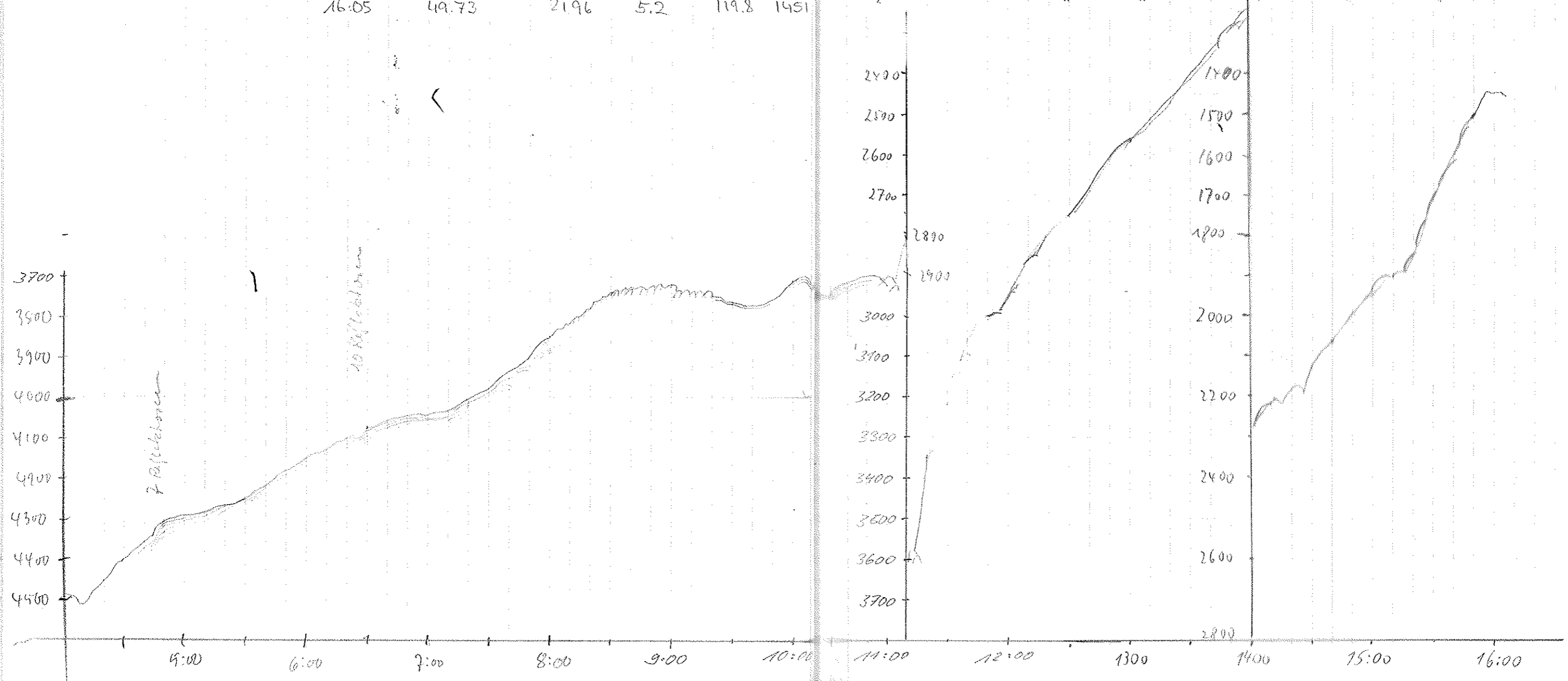
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth - Range	Sweep	Trigger	msec Delay	msec scan	pulse/length	Note
32	8/477	24.2.86	17:30	68° 16.02	12° 55.56	4.9	138.5	4903	4575 - 4950	7	KP-k-P	100	500	1.0	
"	"	"	18:00	18.11	50.96	5.4	133.4	4900	"	"	"	"	"	"	
"	"	"	18:28	20.09	46.55	4.7	140.7	4905	"	"	"	"	"	"	
"	"	"	19:00	22.26	41.90	5.2	140.3	4890	"	"	"	"	"	"	
"	"	"	19:30	24.39	38.08	5.3	138.2	4894	"	"	"	"	"	"	
"	"	"	20:07	26.96	33.09	5.5	134.1	4892	"	"	"	"	"	"	
"	"	"	20:39	28.47	29.62	5.3	137.1	4889	"	"	"	"	"	"	
"	"	"	21:00	30.49	25.03	5.4	138.3	4887	"	"	"	"	"	"	
"	"	"	21:37	32.61	19.66	5.2	137.7	4877	"	"	"	"	"	"	
"	"	"	22:02	34.72	15.17	4.8	146.1	4835	"	"	"	"	"	"	
"	"	"	23:00	39.10	07.14	5.7	139.7	4866	"	"	"	"	"	"	
"	"	"	23:28	40.99	02.14	7.0	135.5	4859	4500 - 4875	"	"	000	"	"	
"	"	25.2.86	0:04	43.55	11° 56.23	5.5	142.8	4849	"	"	"	"	"	"	
"	"	"	1:01	47.80	47.94	6.9	146.6	4802	"	"	"	"	"	"	
"	"	"	1:30	49.73	43.64	6.8	141.2	4783	"	"	"	"	"	"	
"	"	"	2:00	51.93	37.10	6.3	141.7	4753	"	"	"	"	"	"	
"	"	"	2:30	54.34	34.21	5.8	161.6	4730	"	"	"	"	"	"	
"	"	"	3:00	56.50	29.79	6.9	145.4	4681	"	"	"	"	"	"	
"	"	"	3:30	58.32	24.95	4.5	117.2	4601	"	"	"	"	"	"	
"	"	"	3:47	59.08	21.35	5.0	112.6	4499	4125 - 4500	2	KP	"	"	"	
"	"	"	4:00	59.47	18.42	6.1	124.5	4506	"	"	"	"	"	"	
"	"	"	4:20	61° 2.07	15.24	5.7	143.4	4451	"	"	"	"	"	"	

fastest way  
widerste Seite

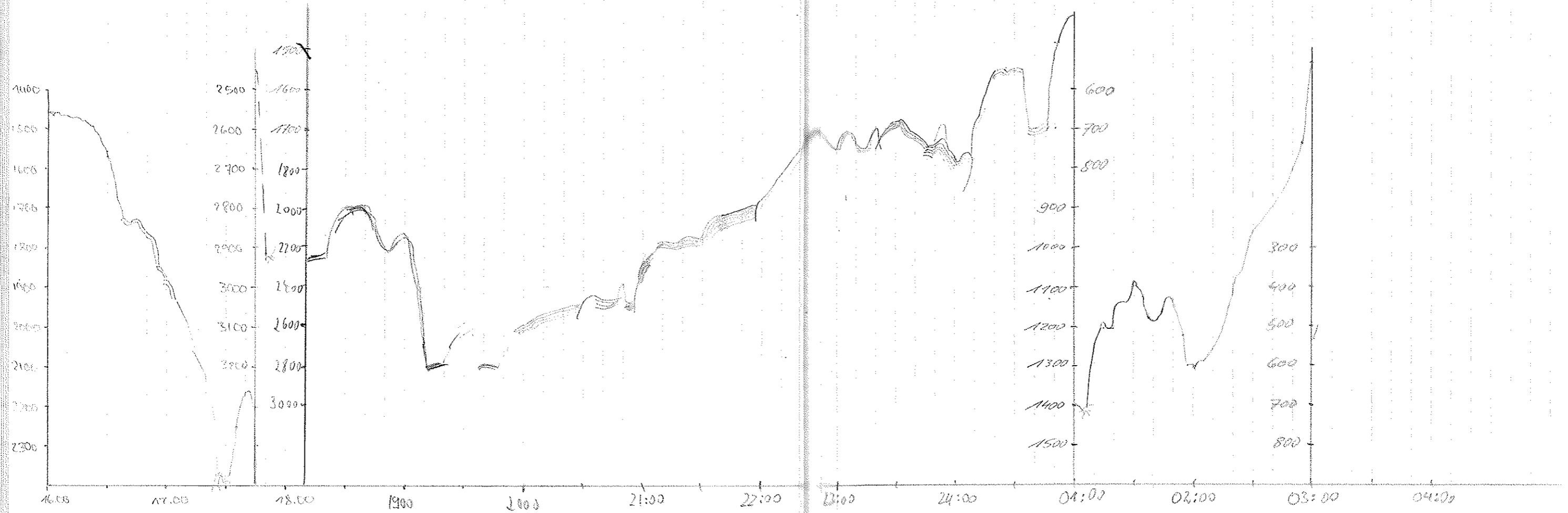
Roll uncorrected



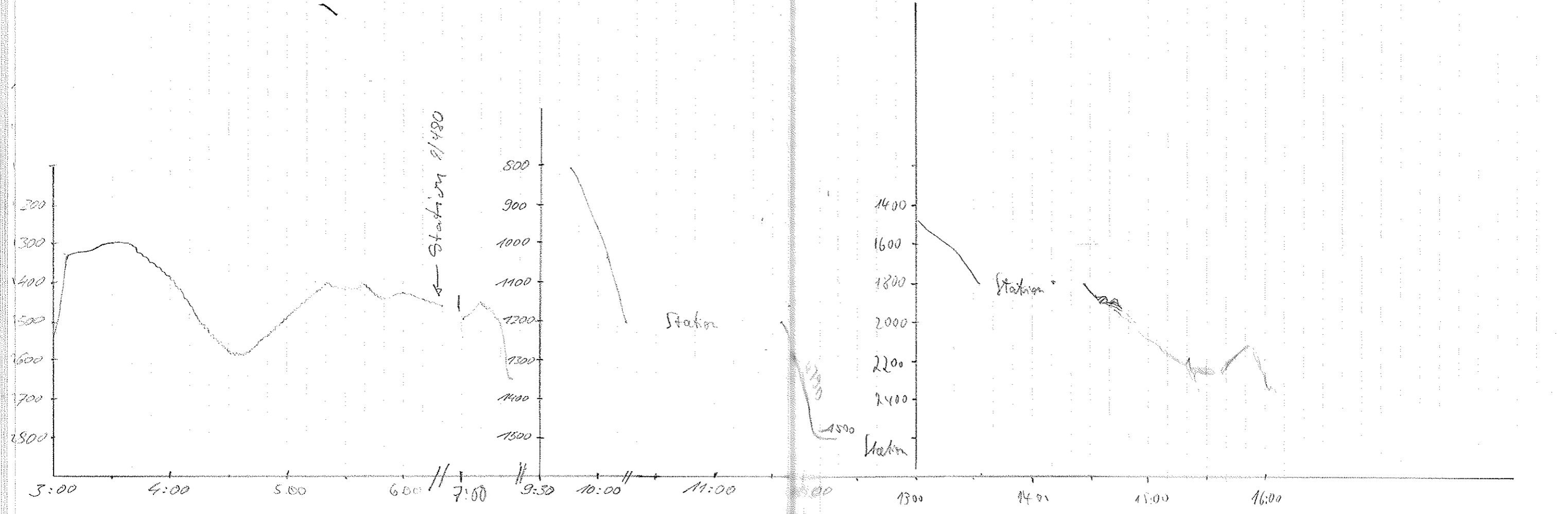
Roll	Profil	Datum	Zeit	Lat S	Lon W	Speed	Kurs	Tiefe	Bereich	Seeweg	Trigger	Delay	Scan	Publ.	
neue Rolle 33	Fortsetzung 8/477	25.2.86	4:37	69° 2.32	11° 13.03	6.1	144°	4341	4125 - 4500	2	KP	0	500	1.0	Begin neue Rolle
"	"	"	6:02	8.66	11.95	5.0	137.3	4147	4125 - 4125	3	KP-	"	"	"	
"	"	"	8:00	17.79	10° 44.84	5.1	140.9	3867	"	"	"	"	"	"	
"	"	"	8:30	19.85	40.90	5.1	141.0	3745	375 - 3750	2	KP	"	"	"	
"	"	"	9:00	21.85	35.64	5.5	135.0	3732	"	"	"	"	"	"	
"	"	"	9:30	23.87	30.35	5.7	133.9	3768	"	"	"	"	"	"	
"	"	"	9:36	24.28	29.28	5.4	141.3	3776	450 - 4125	3	KP-	"	"	"	
"	"	"	9:45	24.98	27.33	6.2	157.7	3758	375 - 3750	2	KP	"	"	"	
"	"	"	10:01	26.22	26.10	4.8	154.3	3702	"	"	"	"	"	"	
"	"	"	10:32	28.38	22.74	4.9	152.6	3743	"	"	"	"	"	"	
"	"	"	11:01	30.28	18.16	5.2	148.3	3740	"	"	"	"	"	"	
"	"	"	11:20	31.66	15.79	5.3	145.0	3353	000 - 3375	3	K-P	"	"	"	
"	"	"	11:50	34.75	10.89	5.4	145.7	3009	325 - 3000	2	KP	"	"	"	
"	"	"	12:33	37.32	4.23	5.2	143.7	2719	"	"	"	"	"	"	
"	"	"	12:58	38.76	90 59.59	5.4	125.6	2568	1110 - 2625	5	KPKP-	"	"	"	
"	"	"	13:32	40.52	52.86	5.5	127.0	2440	"	"	"	"	"	"	
"	"	"	14:00	42.30	46.64	5.4	134.0	2240	1875 - 2250	"	KP	"	"	"	
"	"	"	14:39	44.59	39.28	5.6	136.0	2088	"	"	"	"	"	"	
"	"	"	15:00	45.89	35.04	5.4	135.0	1882	"	"	"	"	"	"	
"	"	"	15:10	46.50	33.76	5.8	130.0	1846	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	15:33	47.87	28.56	5.7	130.4	1612	"	"	"	"	"	"	
"	"	"	15:43	48.44	26.45	6.3	133.0	1447	1125 - 1500	2	KP	"	"	"	
"	"	"	16:05	49.73	21.96	5.2	119.8	1451	"	"	"	"	"	"	



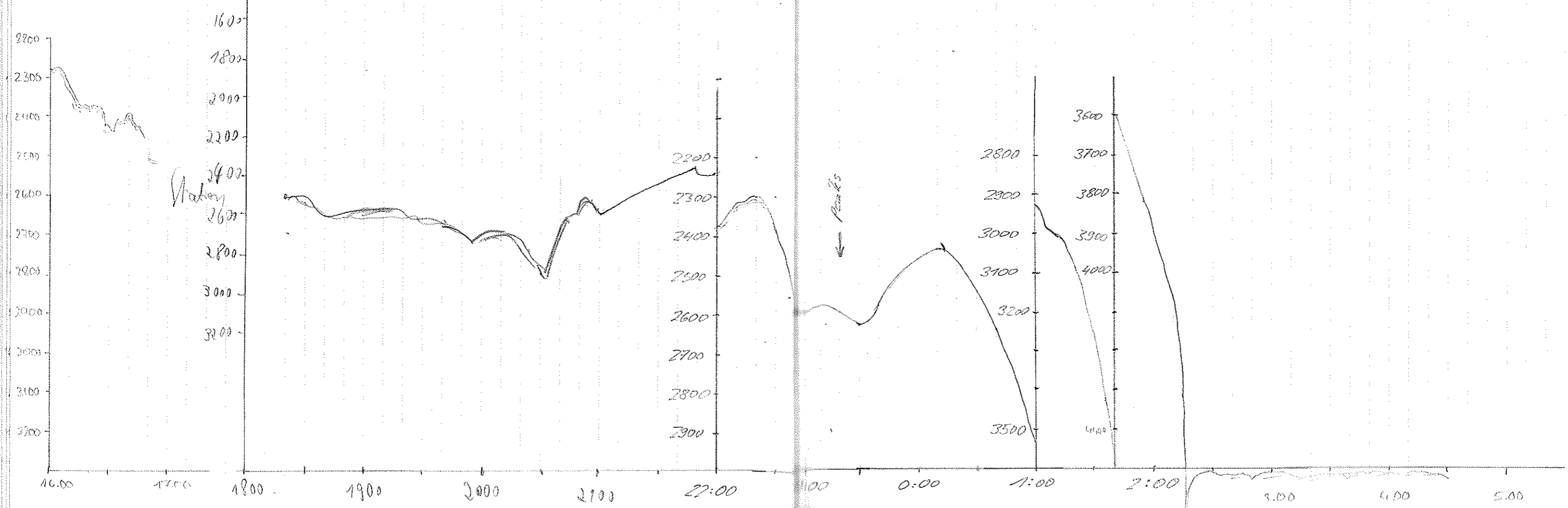
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	m sec delay	m sec scan	pulse/length	Note
33	8/477	25.2.86	16:29	69° 50.91	9° 16.46	5.2	117.7	1568	1500 - 1875	5	KPK-P	0000	500	1.0	
"	"	"	17:05	52.96	8.92	5.2	125.7	1922	1875 - 2250	2	KP	0000	500	1.0	
"	"	"	17:22	53.99	5.31	5.3	137.9	2355	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	17:36	54.81	2.69	5.3	142.7	2254	1875 - 2250	2	KP	"	"	"	
"	"	"	17:46	55.39	0.83	5.4	132.2	2454	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	17:50	55.63	.31	5.2	130.8	2410	2625 - 2000	2	KP	"	"	"	
"	"	"	18:05	56.50	8° 57.27	5.5	129.8	2511	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	18:15	57.31	57.70	5.5	128.8	2180	1875 - 2250	2	KP	"	"	"	
"	"	"	18:40	58.54	49.81	5.5	129.7	2116	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	19:12	70 00.00	44.18	5.1	129.0	2784	2625 - 3000	2	KP	"	"	"	
"	"	"	19:40	01.63	38.76	5.2	132.3	2810	"	"	"	"	"	"	
"	"	"	20:00	02.75	38.68	5.0	128.9	2616	2250 - 2625	5	KPKP-	"	"	"	
"	8/478	"	20:24	01.02	29.94	5.1	126.6	2524	"	"	"	"	"	"	Ende 8/477, Start 8/478
"	"	"	21:02	06.42	23.45	5.3	141.3	2370	"	"	"	"	"	"	
"	"	"	21:09	06.88	22.34	5.3	140.0	2255	1875 - 2250	2	KP	"	"	"	
"	"	"	21:30	08.10	18.79	5.1	149.4	2131	"	"	"	"	"	"	
"	"	"	22:00	10.27	14.72	5.0	129.5	1992	"	"	"	"	"	"	
"	"	"	22:10	10.77	12.92	4.9	129.6	1818	1500 - 1875	5	KPK-P	"	"	"	
"	"	"	23:00	13.56	02.65	5.7	135.5	1668	"	"	"	"	"	"	
"	"	"	23:30	15.96	07° 55, 99	6.1	136.6	1677	"	"	"	"	"	"	
"	"	26.2.86	0:02	17.76	50.47	4.7	156.1	1177	"	"	"	"	"	"	
"	"	"	0:33	20.11	46.85	5.1	148.7	1553	"	"	"	"	"	"	
"	"	"	0:53	21.76	44.28	5.3	153.0	1480	1125 - 1500	2	KP	"	"	"	
"	"	"	1:27	23.89	40.02	2.5	167.3	1125	750 - 1125	3	K-P	"	"	"	
"	"	"	1:38	24.29	38.20	3.9	145.5	1180	1125 - 1500	2	KP	"	"	"	
"	"	"	2:00	25.01	35.82	2.4	148.3	1303	"	"	"	"	"	"	
"	"	"	2:20	25.12	32.60	3.7	98.3	1092	750 - 1125	3	K-P	"	"	"	
"	8/479	"	2:54	25.01	30.37	4.6	97.2	735	375 - 750	2	KP	"	"	"	Ende 8/478, Start 8/479 Störungen d. Eis



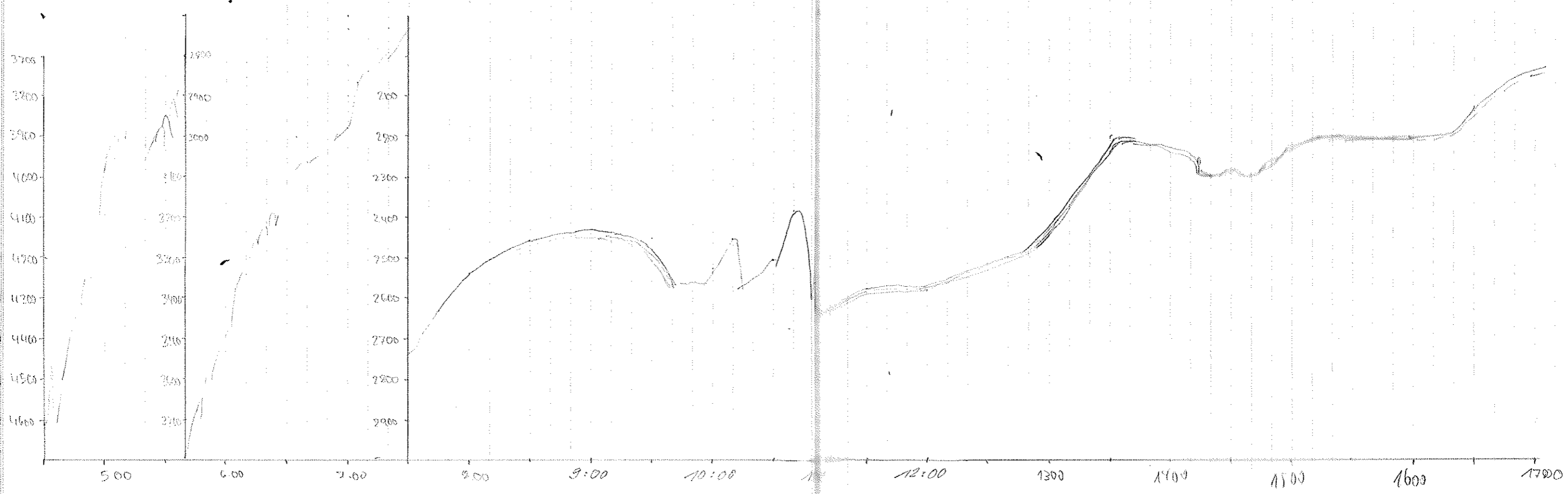
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/Delay	msec/Scan	Pulse/Length	Note
33	8/479	26.2.86	3:04	70° 24.83	7° 27.21	7.1	68.7	330	100-525	2	K-P	200	500	0.5	Störungen d. Eis
"	"	"	3:30	24.89	22.68	4.1	161.3	298	"	"	"	"	"	"	"
"	"	"	4:00	24.62	13.37	9.5	66.5	385	"	"	"	"	"	"	"
"	"	"	4:16	23.71	6.27	9.5	79.5	503	100-675	2	K-P	400	"	"	"
"	"	"	4:41	22.65	6° 56.12	8.7	53.4	590	"	"	"	"	"	"	"
"	"	"	5:17	20.40	43.18	8.2	36.9	426	"	"	"	"	"	"	Ende 8/479, 5:25
"	-	"	6:00	20.60	44.76	1.7	65.8	429	"	"	"	"	"	"	Start St 8/480 (1425)
"	-	"	6:20	20.55	44.62	0.3	347.3	461	"	"	"	"	"	"	Stand By
33	Beginn 8/479 A	26.2.86	7:11	70° 20.37	6° 44.17	1.3	495.0	495	100-675	2	K-	400	600	.5	480 → 481
"	"	"	7:25	19.37	47.51	0.8	80.9	654	675-750	2	KP	0000	"	"	Start St. 8/481 (1426)
	Beginn 8/479 B		8:25	70° 19.46	6° 53.4	1.3	294.1	529	115-750	"	"	"	"	"	481 → 482
			8:35	19.11	53.56	4.4	16.1	774	150-1125	3	K-P	"	"	1.0	Station 8/482 (1427)
			8:42	19.86	53.75	1.5	-	829	"	"	"	"	"	"	"
"	Start 8/479 C	"	9:48	18.54	55.10	1.5	13.2	810	"	"	"	"	"	"	482 → 483 Ende 8/482
"	"	"	10:04	17.23	54.55	6.6	38.9	1133	1125-1500	2	KP	"	"	"	Station 8/483 (1428)
"	"	"	10:15	16.33	52.01	0.3	291.4	1208	"	"	"	"	"	"	"
"	Start 8/479 D	"	11:44	16.32	55.09	5.3	22.8	1205	"	"	"	"	"	"	483 → 484 Ende 8/483 um 11:38
"	Ende 8/479 D	"	12:12	14.61	50.31	2.0	37.0	1101	1100-1875	5	KPK-P	"	"	"	P479 D Profiler d. Station 1500
			12:15	14.53	50.15	0	-	1300	"	"	"	"	"	"	Wartefahrt 479
			12:52	14.52	51.12	1.4	31.2	1100	"	"	"	"	"	"	Stationen anfang 1800m
			13:35	10.89	43.74	0	-	1800	"	"	"	"	"	"	Wartefahrt 485
	Start Profil 479 E		14:12	11.22	41.37	0	-	1800	"	"	"	"	"	"	"
			14:46	6.72	42.42	9.5	11.2	1891	1875-2250	2	KP	"	"	"	"
			15:32	0.30	39.58	9.5	355.3	2236	"	"	"	"	"	"	"
			15:37	69° 59.49	39.83	9.4	0.6	2260	2250-2625	5	KPKP	"	"	"	"
			15:50	57.59	39.70	9.7	35.7	2102	1875-2250	2	KP	"	"	"	"
			16:03	55.94	38.26	8.9	6.3	2273	2250-2625	5	KPKP	"	"	"	"



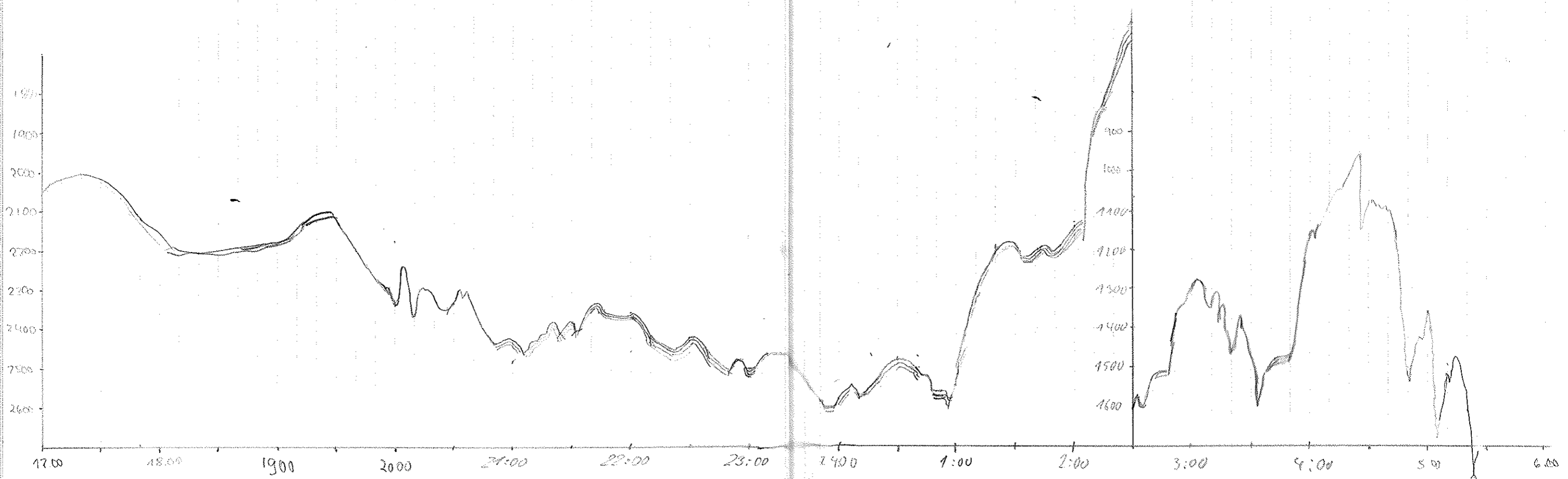
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec delay	msec scan	pulse/length	Note
33	8/479E	26.2.86	16:30	69° 52.43	6° 37.26	8.4	347.1	2434	2250 - 2625	5	KPKP-	0000	500	1.0	Stand St. 8/486 (1431) Start 8/487
"	"	"	17:03	49.06	33.22	2.0	91.6	2510	"	"	"	"	"	"	
"	8/487	"	18:20	48.70	38.20	17.4	277	2700	"	"	"	"	"	"	Störungen d. starken Seegang
"	"	"	19:30	40.00	34.38	8.4	115.5	2700	2625 - 3000	2	KP	5	"	"	
"	"	"	20:30	33.36	27.90	10.8	25.2	2900	"	"	"	"	"	"	Störungen d. starken Seegang
"	"	"	21:10	25.17	14.88	13.7	27.3	2500	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	22:05	13.74	02.45	13.6	24.0	2375	"	"	"	"	"	"	Störungen d. starken Seegang
"	"	"	22:30	08.44	5° 57.54	14.0	2.7	2398	"	"	"	"	"	"	
"	"	"	23:00	04.35	56.57	14.4	11.9	2530	"	"	"	"	"	"	Störungen d. starken Seegang
"	"	"	23:24	68° 56.40	55.92	14.4	357.5	2630	2675 - 3000	2	KP	"	"	"	
"	"	"	23:42	54.47	56.02	14.2	359.1	2570	2250 - 2625	5	KPKP-	"	"	"	Störungen d. starken Seegang
"	"	27.2.86	0:13	44.92	52.57	9.7	5.5	2446	"	"	"	"	"	"	
"	"	"	0:47	40.46	51.80	9.7	8.0	2643	2625 - 3000	2	KP	"	"	"	Störungen d. starken Seegang
"	"	"	1:17	35.72	50.15	10.1	6.6	3040	3000 - 3375	3	K-P	"	"	"	
"	"	"	1:36	31.71	48.34	10.3	6.4	3433	3375 - 3750	2	KP	"	"	"	Störungen d. starken Seegang
"	"	"	1:54	28.69	47.05	9.5	8.3	3849	3750 - 4125	3	KP-	"	"	"	
"	"	"	2:15	25.23	45.84	10.5	8.4	4317	4125 - 4500	2	KP	"	"	"	Störungen d. starken Seegang
"	"	"	2:22	23.92	45.27	10.7	8.4	4500	4500 - 4875	7	KP-K-P-	"	"	"	
"	"	"	2:29	22.75	44.83	10.5	8.1	4576	4125 - 4500	?	KP	"	"	"	Störungen d. starken Seegang
"	"	"	3:02	18.03	42.60	3.6	134.9	4520	"	"	"	"	"	"	
"	"	"	3:30	19.68	42.24	3.5	202.1	4504	"	"	"	"	"	"	Störungen d. starken Seegang
"	"	"	4:01	21.49	44.17	3.2	208.7	"	"	"	"	"	"	"	
"	"	"	4:20	22.29	45.47	4.7	189.3	4530	4500 - 4875	7	KP-K-P-	"	"	"	Ende Profil 8/487



Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec delay	msec scan	pulse/length	Note
33	8/488	27.2.86	4:31	68° 23.89	5° 46.04	5.1	196.0	~4600	4500-4875	7	KP-K+P	0000	500	1.0	Start Profile 8/488
"	"	"	4:42	24.85	46.58	4.8	194.2	4385	4125-4500	2	KP	"	"	"	
"	"	"	4:55	25.93	47.22	5.0	188.0	4100	3750-4125	3	KP-	"	"	"	
"	"	"	5:33	28.88	47.51	5.4	182.9	3850	"	"	"	"	"	"	
"	"	"	5:43	29.85	47.50	5.1	173.2	3700	3375-3750	2	KP	"	"	"	
"	"	"	6:08	32.04	49.29	4.8	191.0	3770	3000-3375	3	K-P	"	"	"	
"	"	"	6:36	34.34	50.20	5.3	181.2	3092	"	"	"	"	"	"	
"	"	"	6:57	36.09	50.42	4.5	189.3	2996	2625-3000	2	KP	"	"	"	
"	"	"	7:00	36.33	50.50	4.1	186.3	~2980	"	"	"	"	"	"	
34	"	"	7:13	37.63	50.84	5.6	182.5	2862	"	"	"	"	"	"	
"	"	"	7:30	39.11	50.77	5.3	188.1	2736	"	"	"	"	"	"	
"	"	"	7:46	40.60	51.44	5.2	183.2	2639	2250-2625	5	KPKP	"	"	"	
"	"	"	8:02	41.92	52.74	5.3	181.7	2540	"	"	"	"	"	"	
"	"	"	8:37	44.40	52.82	5.4	188.9	2466	"	"	"	"	"	"	
"	"	"	9:00	46.61	52.44	4.4	169.0	2430	"	"	"	"	"	"	
"	"	"	9:37	49.22	51.79	5.0	172.5	2502	"	"	"	"	"	"	
"	"	"	10:07	51.65	51.61	5.3	180.0	2524	"	"	"	"	"	"	
"	"	"	10:30	54.00	51.62	4.8	183.8	2508	"	"	"	"	"	"	
"	"	"	11:03	56.63	52.02	5.7	184.7	2625	"	"	"	"	"	"	
"	"	"	11:37	59.11	52.54	5.2	184.2	2580	"	"	"	"	"	"	
"	"	"	12:00	69° 01.72	53.88	5.2	178.7	2574	"	"	"	"	"	"	
"	"	"	13:00	07.30	55.39	5.2	185.0	2390	"	"	"	"	"	"	
"	"	"	13:30	10.03	56.27	5.2	180.5	2260	1875-2250	2	KP	"	"	"	
"	"	"	14:05	12.90	57.37	5.5	185.0	2296	2250-2625	5	KPKP	"	"	"	
"	"	"	15:05	17.82	58.96	4.7	187.0	2268	"	"	"	"	"	"	
"	"	"	15:20	19.08	59.35	5.3	161.0	2240	1875-2250	2	KP	"	"	"	
"	"	"	16:03	22.38	59.48	3.2	186	2340	"	"	"	"	"	"	
"	"	"	16:30	24.05	57.17	8.5	183.7	2125	"	"	"	"	"	"	
"	"	"	17:05	26.17	57.69	5.7	139.0	2027	"	"	"	"	"	"	



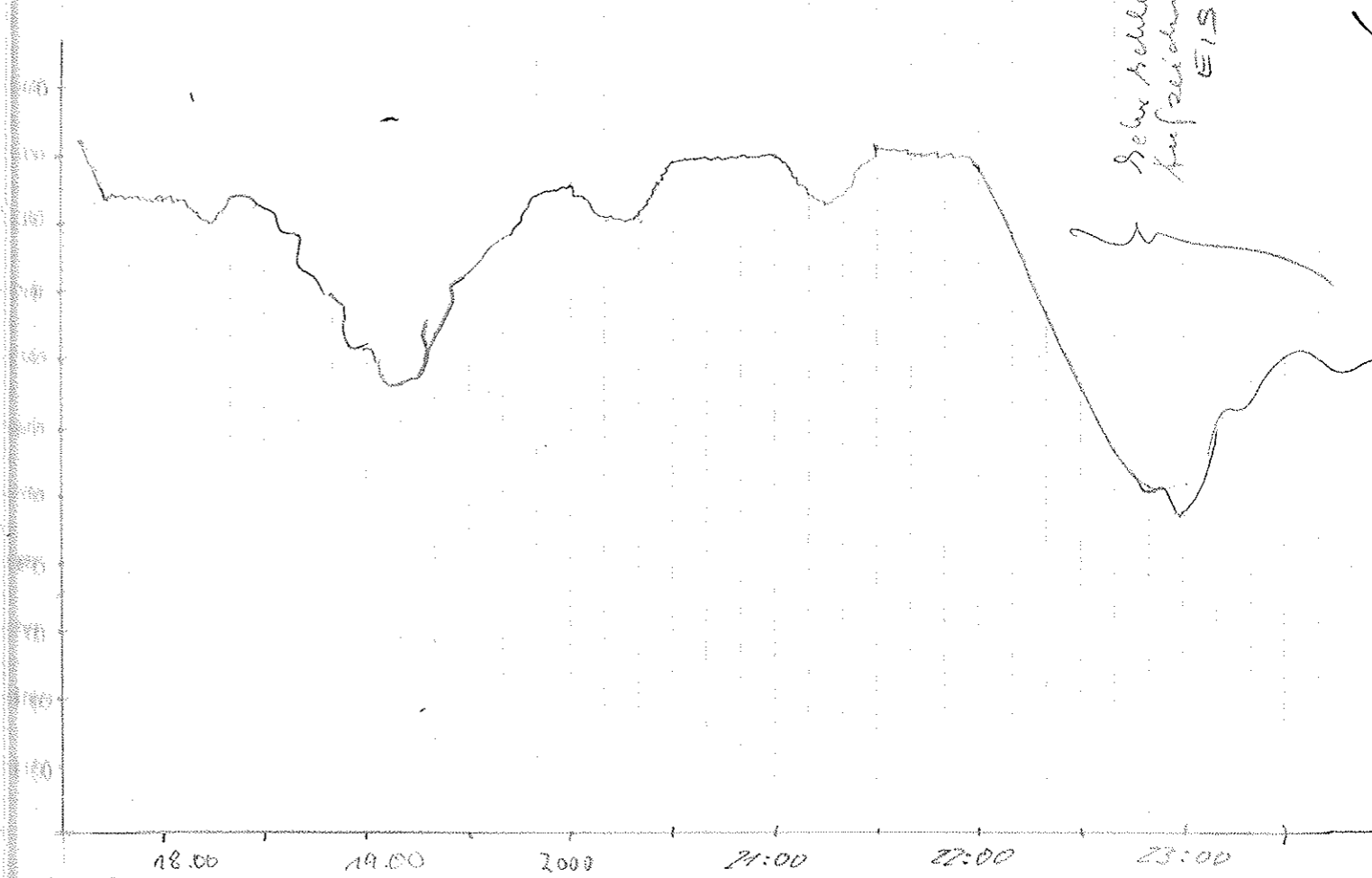
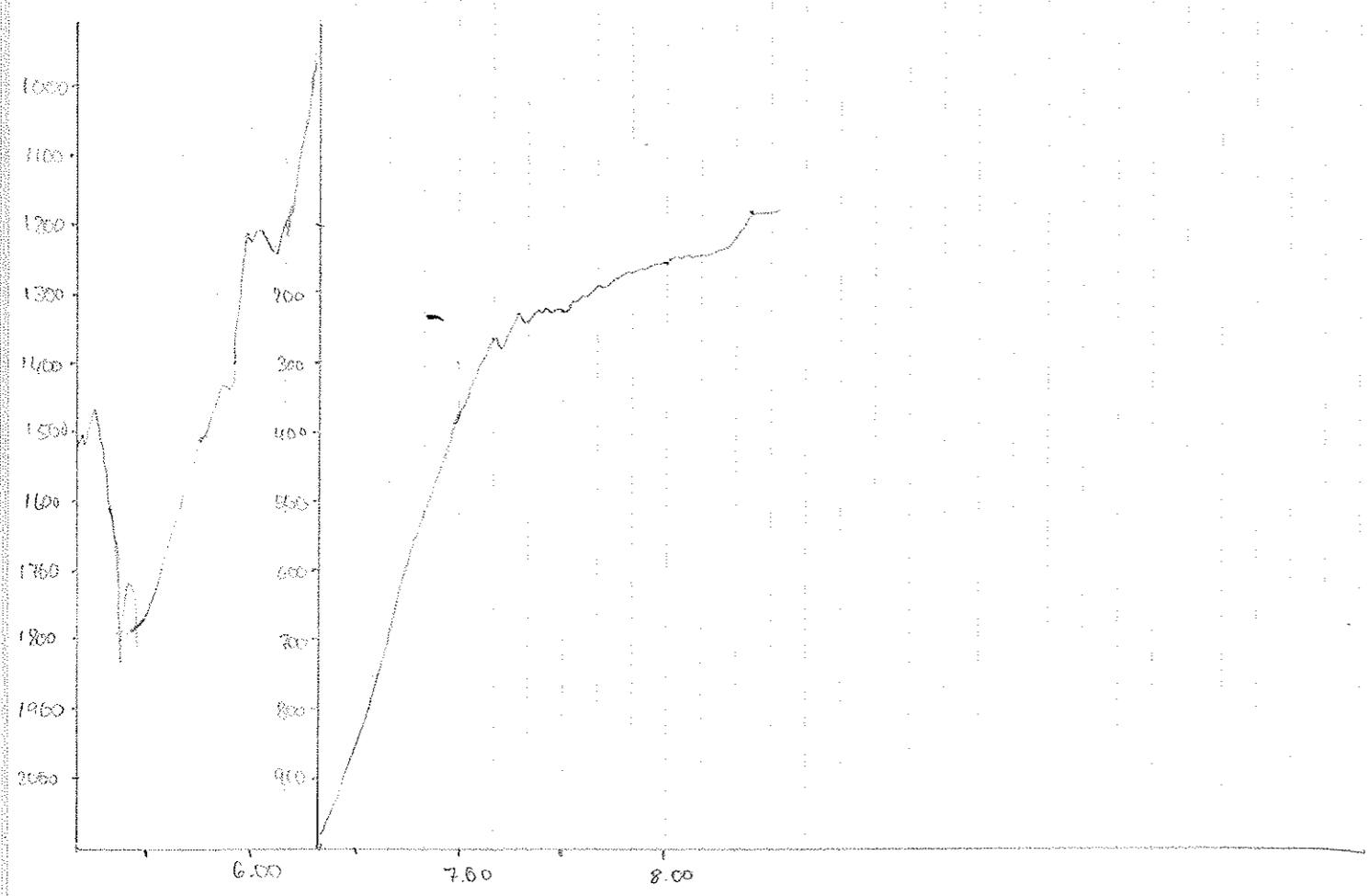
Roll	Profil	Date	Time	Lat S	Lon W	Speed	Course	Depth	Range	Sweep	Trigys	msec delay	msec scan	pulse/length	Note
34	8/488	272.86	17:50	69° 29.55	5° 49.29	6.3	196.6	2115	1875 - 2250	2	UP	0000	500	1.0	
"	"	"	18:10	31.44	50.63	5.6	195.6	2300	2250 - 2625	5	KPKP-				
"	"	"	18:45	34.40	52.84	5.4	188.0	2690	2625 - 3000	2	KP				
"	"	"	19:55	41.48	59.97	5.3	196.4	196	1875 - 2250	2	KP				
"	"	"	20:03	42.40	6° 00.51	5.3	205.3	2340	2250 - 2625	5	KPKP-	"	"	"	
"	"	"	20:30	45.44	04.72	6.1	194.7	2338	"	"	"	"	"	"	
"	"	"	21:00	48.21	06.83	4.9	186.5	2447	"	"	"	"	"	"	
"	"	"	21:50	50.36	05.60	4.7	177.9	2386	"	"	"	"	"	"	
"	"	"	21:43	51.44	05.93	5.0	252.8	2350	"	"	"	"	"	"	Profilende um 21:40
"	"	"	22:00	51.57	09.18	3.7	258.3	2360	"	"	"	"	"	"	"
"	"	"	22:30	49.70	09.79	4.1	15.0	2422	"	"	"	"	"	"	Rücken gewickelt
"	"	"	23:00	46.93	07.42	4.8	13.8	2516	"	"	"	"	"	"	
"	"	"	23:30	45.83	08.08	0.9	319.2	2486	"	"	"	"	"	"	Streamer anheben
"	8/489	282.86	0:00	45.79	10.10	8.8	234.1	2576	"	"	"	"	"	"	Profilbeginn um 0:00
"	"	"	0:30	49.05	24.31	9.3	234.8	2473	"	"	"	"	"	"	
"	"	"	1:00	51.10	34.85	9.1	244.2	2547	"	"	"	"	"	"	
"	"	"	1:22	52.48	42.58	9.0	235.6	2250	1875 - 2250	2	KP	"	"	"	
"	"	"	1:40	54.75	49.34	9.4	229.0	2285	"	"	"	"	"	"	
"	"	"	2:00	56.70	54.86	9.2	226.5	2133	"	"	"	"	"	"	
"	"	"	2:14	58.22	58.64	8.1	218.8	1833	1500 - 1875	5	KPKP-P	"	"	"	
"	"	"	2:30	59.80	7° 02.55	7.9	220.2	1610	"	"	"	"	"	"	
"	"	"	3:00	70° 2.95	10.06	8.2	214.4	1283	1125 - 1500	2	KP	"	"	"	
"	"	"	4:00	9.28	25.95	7.9	214.8	1153	750 - 1125	3	K-P	"	"	"	
"	"	"	4:30	12.32	33.47	8.4	209.0	1662	"	"	"	"	"	"	
"	"	"	4:47	14.32	37.24	8.0	206.3	1385	1125 - 1500	2	UP	"	"	"	
"	"	"	4:50	14.78	37.81	7.9	201.6	1526	1500 - 1875	5	KPKP-P	"	"	"	
"	"	"	4:52	14.99	38.12	7.7	208.0	1498	1125 - 1500	3	KP	"	"	"	
"	"	"	5:08	16.81	41.10	8.5	198.2	1623	1500 - 1875	5	KPKP-P	"	"	"	
"	"	"	5:16	17.10	41.75	8.4	202.5	1513	1125 - 1500	2	UP	"	"	"	
"	"	"	5:19	18.20	43.12	8.0	203.8	1607	1500 - 1875	5	KPKP-P	"	"	"	





Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec delay	msec scan	pulse/length	Note
34	8/489	28.2.86	5:46	70° 20.98	7° 48.56	4.1	223.2	1517	1125 - 1500	2	K-P	0000	500	1.0	
"	"	"	6:11	21.90	59.21	9.6	248.5	1212	"	"	"	"	"	"	
"	"	"	6:18	22.79	8° 01.10	8.7	190.5	975	750 - 1125	2	K-P	"	"	"	
"	"	"	6:34	24.99	1.67	8.6	198.6	~750	375 - 750	2	K-P	"	"	0.5	
"	"	"	7:02	"	"	"	"	"	225 - 600	2	K-P	0300	"	"	
"	"	"	7:20	30.08	7.76	8.4	148.8	268	"	"	"	"	"	0.1	
"	"	"	7:31	30.96	3.66	7.3	102.6	226	75 - 450	"	"	0100	"	"	
"	"	"	8:07	33.57	04.76	2.9	193.7	150	"	"	"	"	"	0.2	
"	"	"	8:26	35.50	09.03	3.7	199.7	87	"	"	"	"	"	"	Stand By
"	"	1.3.86	17:35	70° 33.77	7° 57.95	13.7	63.8	182	"	"	"	"	"	"	New start
"	"	"	18:02	30.94	41.68	13.4	60.3	259	"	"	"	"	"	"	
"	"	"	18:31	28.76	28.09	12.4	67.2	256	"	"	"	"	"	"	
"	"	"	19:00	27.05	07.37	15.2	82.0	160	"	"	"	0600	"	"	new delay
"	"	"	19:30	26.44	6° 54.58	15.1	83.2	649	"	"	"	"	"	0.5	
"	"	"	20:03	22.45	6° 21.92	13.3	32.5	249	150 - 525	"	"	200	"	"	
"	"	"	20:33	21.66	10.32	8.9	131.9	210	"	"	"	"	"	"	
"	"	"	21:07	23.40	00.74	7.7	105.9	206	"	"	"	"	"	"	
"	"	"	21:30	23.47	00.76	11.8	279.0	190	"	"	"	"	"	"	
"	"	"	22:07	19.65	07.63	8.8	349.0	220	"	"	"	"	"	"	
"	"	"	22:36	15.55	3.33	5.1	53.1	533	450 - 825	"	"	600	"	"	
"	"	"	22:55	14.46	5° 59.36	3.8	59.0	727	"	"	"	"	"	1.0	da starker Eis
"	"	2.3.86	01:16	11.82	30.45	8.7	95.8	397	225 - 600	"	"	300	"	0.5	

Fault nach SAKKE

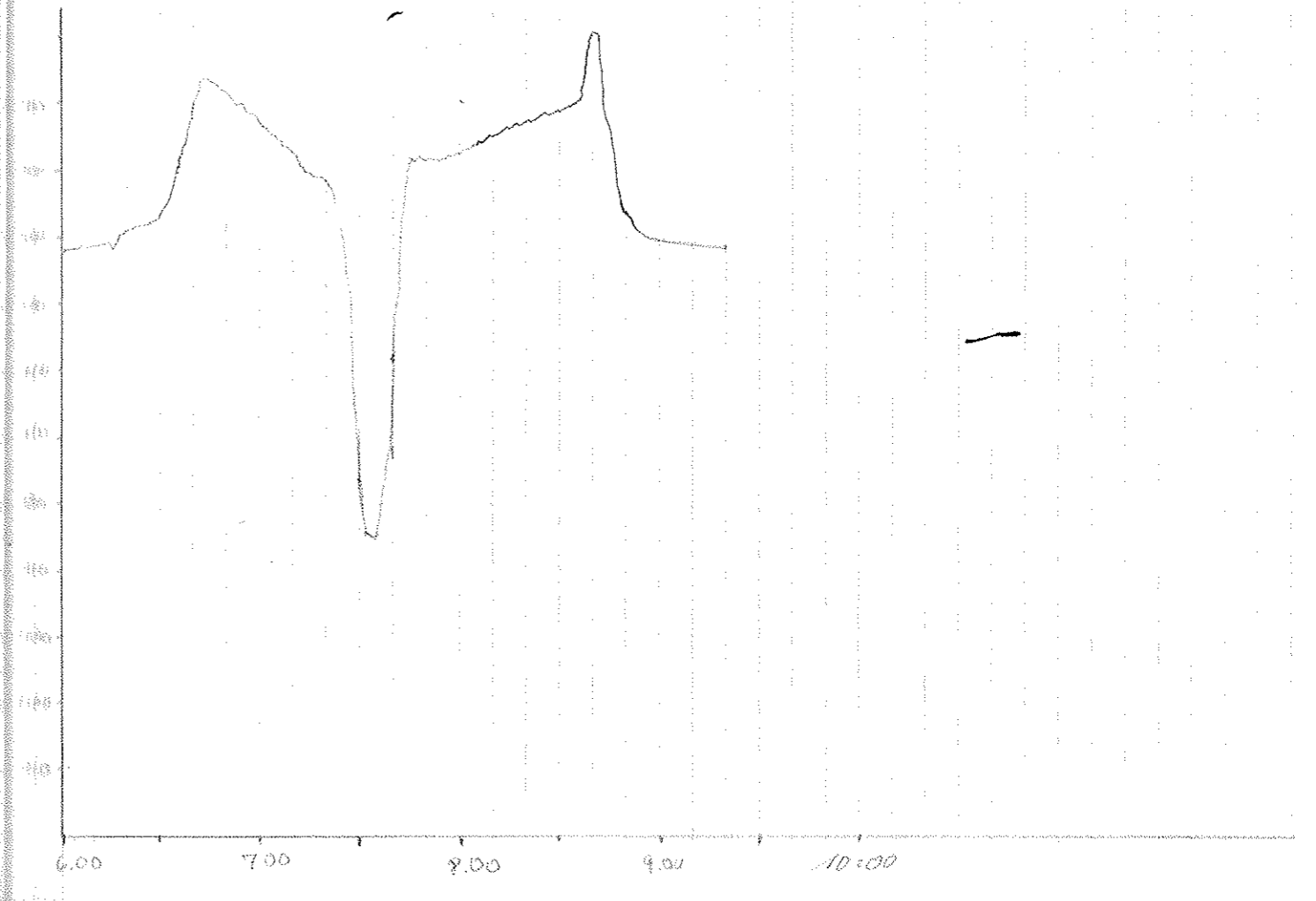
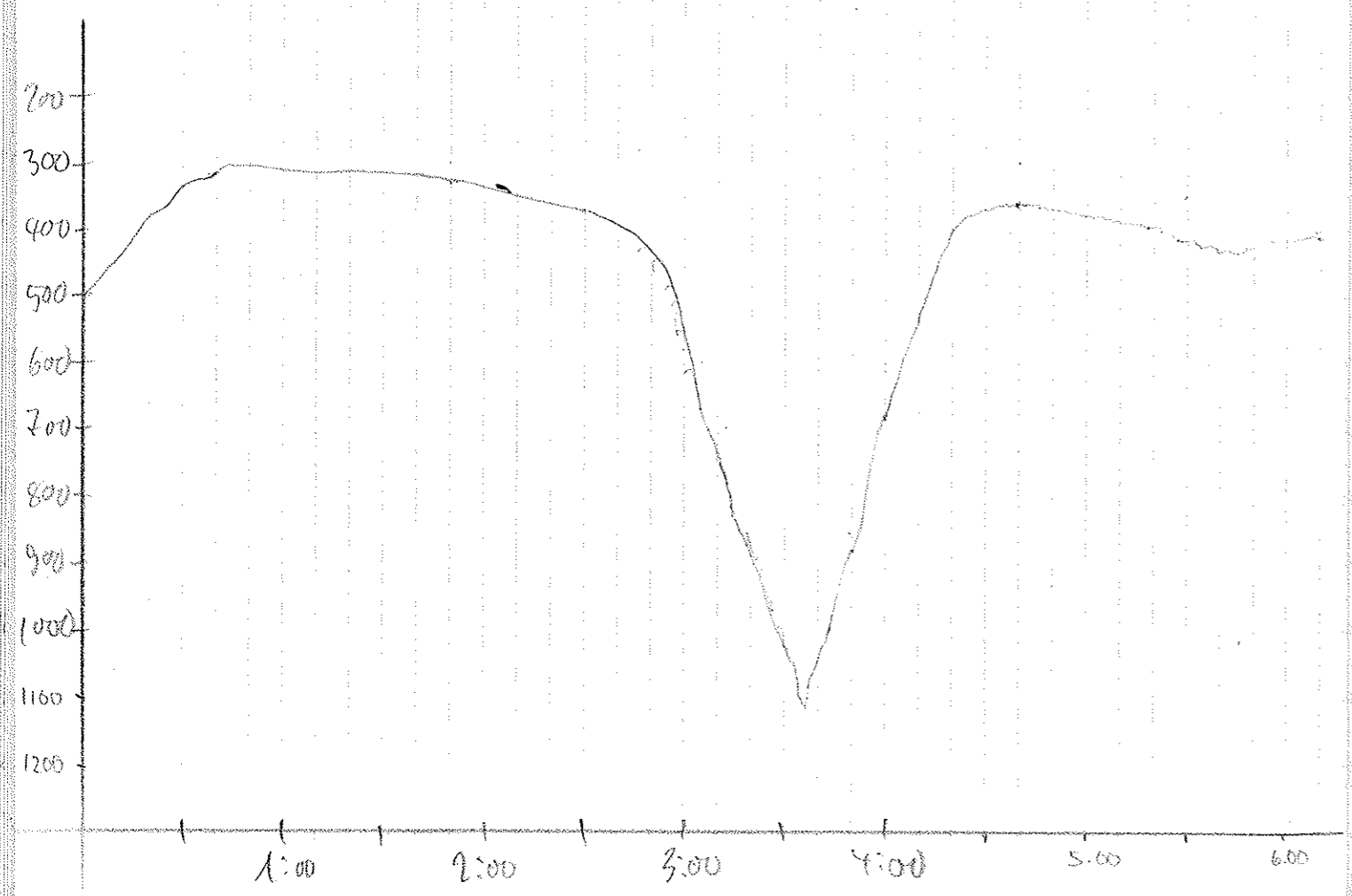


Sehr schlechte Aufzeichnung durch Eis

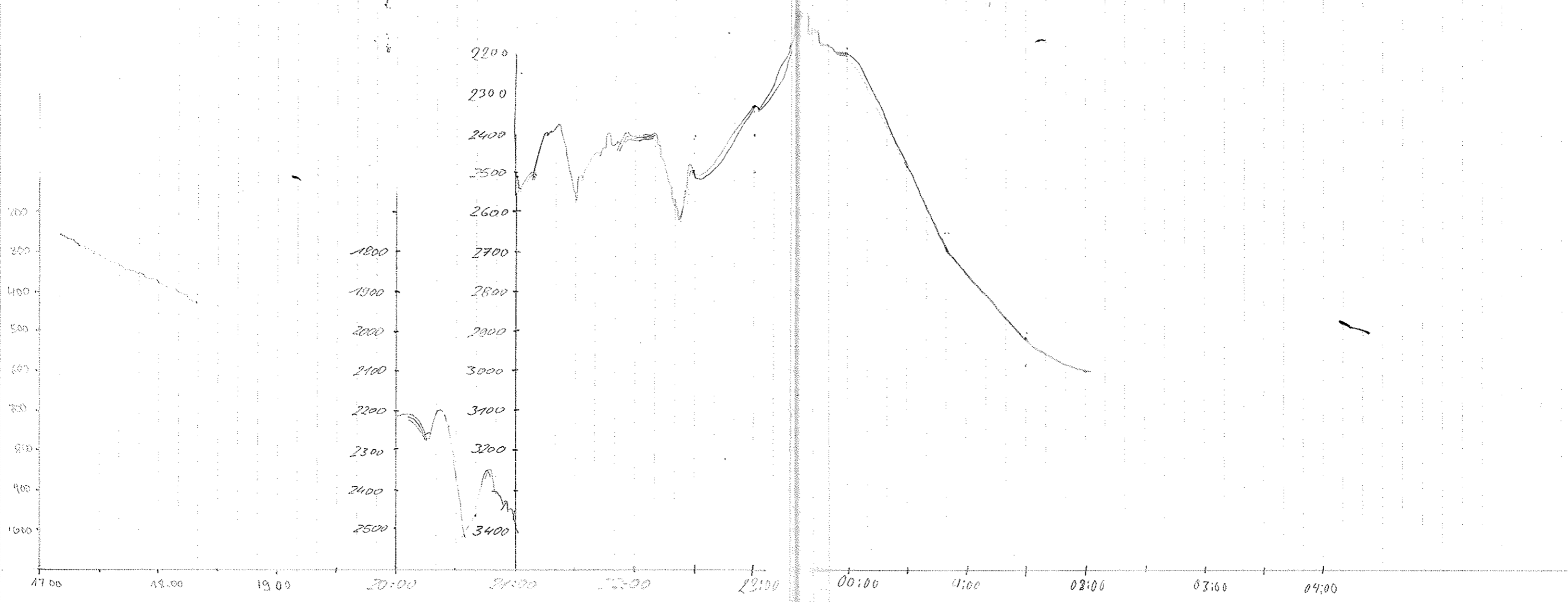
Roller	Profile	Date	Time	Lat S	Long W	Speed	Knots	Depth	Beamwidth	Sweep	Trig	Delay	Sea	Pulse
34	81489	2.3.86	1:57	90° 12.20	5° 15.72	5.2	79.9	334	225-600	2	K-P	300	500	0.5
"	"	"	2:31	10 75	6.33	7.0	71.3	375	"	"	"	"	"	"
"	"	"	3:05	8.20	4° 56.15	6.7	66.1	669	375-750	2	KP	0000	"	1.0
"	"	"	3:12	7.83	53.71	7.4	65.4	778	750-1125	3	K-P	"	"	1.0
"	"	"	3:31	7.16	47.53	7.0	62.0	967	"	"	"	"	"	"
"	"	"	3:58	7.52	39.93	8.0	111.9	688	375-750	2	KP	"	"	0.5
"	"	"	4:37	9.48	23.60	7.6	106.7	358	225-600	2	K-P	300	"	0.2
"	"	"	5:27	15.10	0.09	14.2	93.5	416	"	"	"	"	"	"
"	"	"	6:12	17.07	3° 28.23	9.6	94.7	413	"	"	"	"	"	"
"	"	"	6:28	16.21	21.24	10.2	57.8	378	"	"	"	"	"	"
"	"	"	7:02	13.13	00.12	8.8	92.4	234	75-450	"	"	100	"	"
"	"	"	7:32	9.68	44.29	14.8	55.7	757	325-900	"	"	700	"	0.5
"	"	"	7:41	8.92	2° 38.15	14.7	86.8	588	75-450	"	"	100	"	0.2
"	"	"	8:04	8.37	21.10	14.9	88.6	261	"	"	"	"	"	"
"	"	"	8:34	7.91	1.09	14.7	82.6	200	"	"	"	"	"	"
"	"	"	9:00	7.48	1° 45.33	11.0	90.0	403	"	"	"	"	"	"
"	"	"	9:21	6.60	33.47	0.0	73.8	417	"	"	"	"	"	"

slanting E, beam  
upward

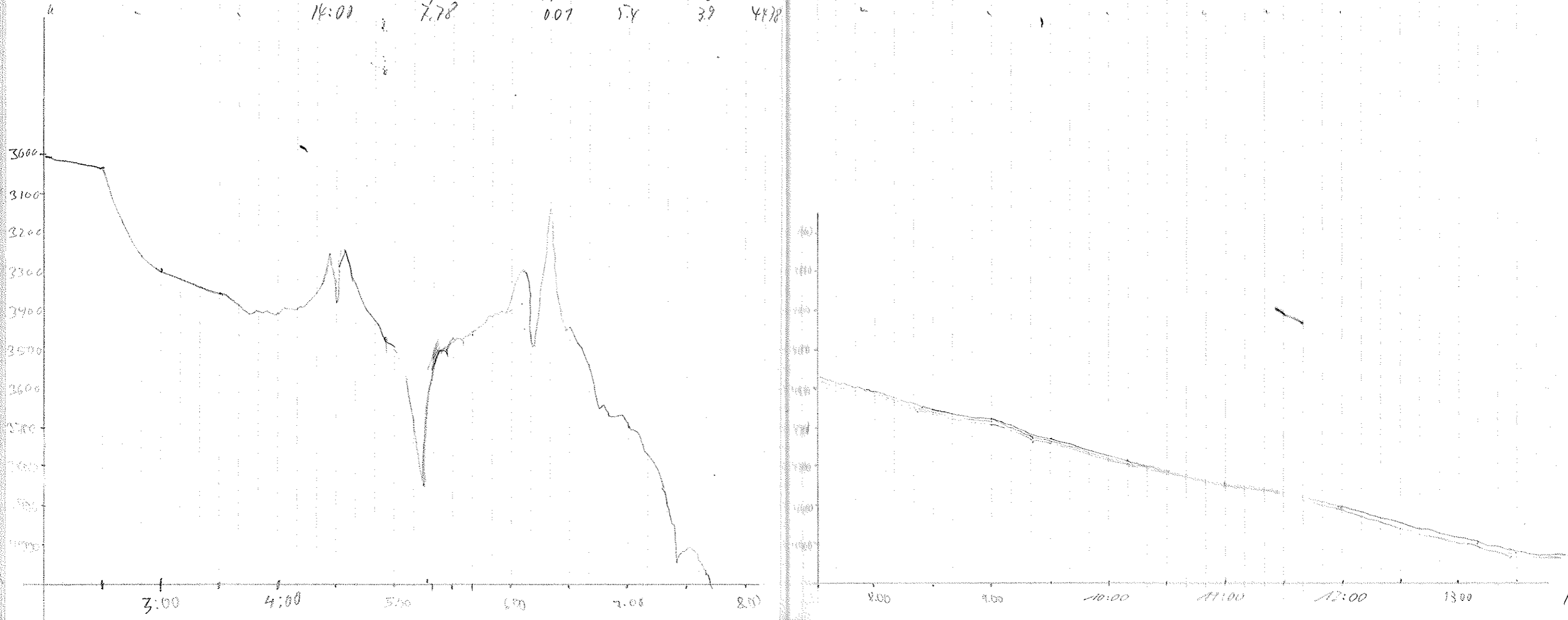
Stand By



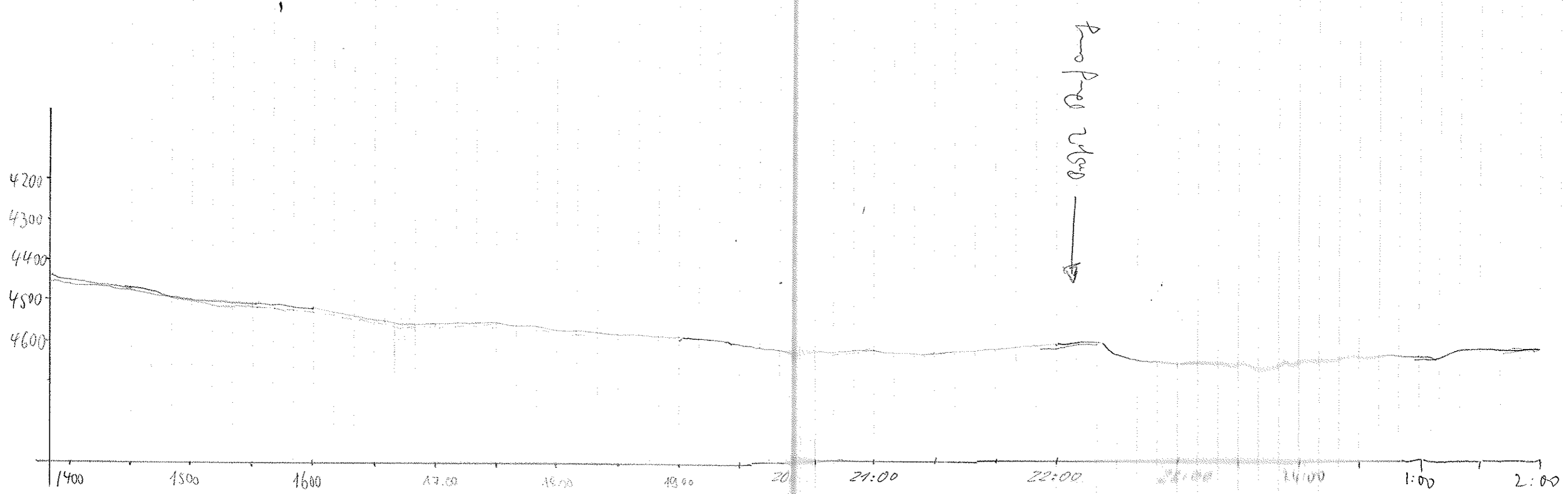
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/ Delay	msec/ Scan	Pulse/ Length	Note
35		2.3.86	15:27	70°06.75	1045.59	3.8	252.6	388	75-450	2	KP	100	500	0.2	Start
"		"	16:07	06.68	48.49	0.5	205.0	314	"	"	"	"	"	"	Stand By
"	8/490	"	17:13	07.64	53.47	3.9	336.7	254	"	"	"	"	"	"	
"	"	"	17:20	07.59	49.86	7.7	10.9	286	"	"	"	"	"	"	
"	"	"	18:00	01.45	41.61	9.7	36.2	368	"	"	"	"	"	"	
"	"	"	18:30	69°56.78	33.27	10.2	29.0	449	375-750	"	"	500	"	"	
"	"	"	18:53	52.60	35.19	10.5	16.8	889	150-1125	3	KxP	0	"	"	
"	"	"	19:01	51.34	34.08	10.4	17.4	1820	1500-1875	5	KPKxP	0	"	"	
"	"	"	19:12	47.90	28.26	10.4	23.5	1564	"	5	"	0	"	1.0	
"	"	"	19:16	44.37	27.34	9.4	32.5	1973	1875-2250	2	KP	"	"	"	
"	"	"	19:30	42.50	27.38	10.5	18.7	2300	1250-2625	5	KPKP-	"	"	"	
"	"	"	20:05	45.38	18.07	5.9	34.5	2248	"	2	KP	"	"	"	
"	"	"	20:28	69°42.67	10 12.78	7.4	44.6	2242	2250-2625	5	KPKP-	"	"	"	starke Störungen d. Eis
"	"	"	21:00	38.76	14.48	9.8	345.9	2515	"	"	"	"	"	"	
"	"	"	21:37	34.87	12.30	9.0	38.9	2569	"	"	"	"	"	"	
"	"	"	22:00	32.01	03.77	8.4	49.0	2420	"	"	"	"	"	"	
"	"	"	22:30	30.96	00 54.01	8.3	36.6	2498	"	"	"	"	"	"	
"	"	"	23:01	27.63	46°30	8.6	39.7	2053	"	"	"	"	"	"	
"	"	"	23:18	25.06	38,36	9.5	35.2	2171	1875-2250	2	KP	"	"	"	
"	"	23:86	0:00	19.45	25,83	9.8	31.9	2198	"	"	"	"	"	"	
"	"	"	0:09	18.20	22.44	11.0	30.5	2095	2250-2625	5	KPKP-	"	"	"	
"	"	"	0:31	14.95	17.29	9.8	30.8	2478	"	"	"	"	"	"	
"	"	"	0:51	12.00	12.23	10.2	28.2	2484	2825-3000	2	KP	"	"	"	
"	"	"	1:30	9.62	8.12	3.8	46.9	2321	"	"	"	"	"	"	



Roll	Profile	Date	Time	Lat S	Lon	Speed	Course	Depth	Depth-Range	Sweep	Trigger	Delay	Scan Length	Puls Length	Note
35	8/490	3.3.86	02:07	69° 07.93	-0° 5.25	3.3	30.5	303	3000-3375	3	K-P	0	500	1.0	
"	8/491	"	02:31	6.15	2.11	5.3	26.2	307	"	"	"	"	"	"	02:28 new profile
"	"	"	03:00	3.66	0.16	4.4	0.4	329	"	"	"	"	"	"	
"	"	"	03:30	1.20	0.17	4.5	3.3	385	"	"	"	"	"	"	
"	"	"	03:43	0.09	0.05	5.1	4.4	338	3375-3750	2	KP	"	"	"	
"	"	"	04:00	68° 58.60	0.08	4.9	356.7	390	"	"	"	"	"	"	
"	"	"	04:23	56.63	0.03	5.1	2.1	333	3000-3375	3	K-P	"	"	"	
"	"	"	04:55	53.95	0.13	5.2	0.4	368	3375-3750	2	KP	"	"	"	
"	"	"	05:18	51.45	0.33	5.2	0.9	389	3750-4125	3	KP-	"	"	"	
"	"	"	05:39	50.19	0.27	5.3	359.1	329	3375-3750	2	KP	"	"	"	
"	"	"	06:08	47.65	0.29	5.2	0.6	338	3000-3375	3	K-P	"	"	"	
"	"	"	06:20	46.67	0.27	4.9	1.7	338	"	"	"	"	"	"	
"	"	"	06:36	45.43	0.36	5.1	0.7	346	3375-3750	2	KP	"	"	"	
"	"	"	07:38	40.69	0.26	5.0	3.1	4070	3750-4125	3	KP-	"	"	"	
"	"	"	08:28	37.27	+0° 0.39	4.8	3.8	4153	4125-4500	2	KP	"	"	"	
"	"	"	09:00	34.47	0.28	4.9	357.7	4173	"	"	"	"	"	"	
"	"	"	09:30	31.91	-0° 0.14	4.9	356.8	4232	"	"	"	"	"	"	
"	"	"	10:07	28.99	0.45	5.7	359.9	4286	"	"	"	"	"	"	
"	"	"	10:33	26.60	+0° 0.37	5.0	3.8	4341	"	"	"	"	"	"	
"	"	"	11:00	24.26	0.25	5.2	357.0	4341	"	"	"	"	"	"	
"	"	"	11:36	21.23	0.02	5.2	1.4	4365	"	"	"	"	"	"	
"	"	"	12:00	18.99	-0° 0.35	5.3	356.7	4400	"	"	"	"	"	"	
"	"	"	12:35	15.61	0.00	5.7	354.0	4430	"	"	"	"	"	"	
"	"	"	13:11	12.37	0.07	5.7	359.0	4457	"	"	"	"	"	"	
"	"	"	13:34	10.29	0.09	5.5	356	4473	"	"	"	"	"	"	
"	"	"	14:02	7.78	0.07	5.4	3.9	4478	"	"	"	"	"	"	



Roll	Profile	Date	Time	Lat S	Long	Speed	Course	Depth	Depth-Range	Sweep	Trigger	Delay	Scan	Pulse Length	Rem 171
35	8/491	3.3.86	14:36	68° 04.56	0° 00.11	5.3	0.4	4484	4425 - 4500	2	KP	0	500	1.0	
			15:06	7.88	0.08	5.6	356.0	4494	"						
			15:36	67° 53.21	0.08	5.3	359.0	4510	"						
			16:00	57.29	0.05	5.3	316.0	4529	4500 - 4875	7	KP-K-P-	0			
			16:35	54.21	0.02	5.1	358.0	4551	"						
			17:00	52.05	0.00	5.2	2.6	4559	"						
			17:30	49.66	0.07	5.3	0.5	4569	"						
			18:03	46.74	0.16	5.4	1.3	4568	"						
			18:35	44.00	0.35	5.5	1.4	4580	"						
			19:07	41.08	0.40	5.3	1.4	4600	"						
"	"	"	19:30	39.34	0.41	5.2	0.1	4612	"	"	"	"	"	"	
"	"	"	20:04	36.39	0.39	5.1	0.9	4634	"	"	"	"	"	"	
"	"	"	20:22	35.00	0.21	5.0	1.1	4640	"	"	"	"	"	"	Profile 20:21
"	"	"	21:00	33.22	10° 01.52	1.2	36.2	4622	"	"	"	"	"	"	
"	"	"	21:30	32.63	02.42	1.7	35.0	4627	"	"	"	"	"	"	
"	"	"	22:00	31.72	04.16	4.5	36.6	4645	"	"	"	"	"	"	
"	8/492	"	22:10	31.01	05.69	6.5	40.8	4614	"	"	"	"	"	"	Profile Run/any 22:10
"	"	"	23:01	27.98	23.70	12.8	36.9	4657	"	"	"	"	"	"	
"	"	4.3.86	24:00	13.16	42.50	12.7	37.4	4660	"	"	"	"	"	"	
"	"	"	1:01	02.72	01° 02.49 E	12.5	35.9	4643	"	"	"	"	"	"	
"	"	"	2:00	66° 52.76	21.36	13.9	32.8	4617	"	"	"	"	"	"	



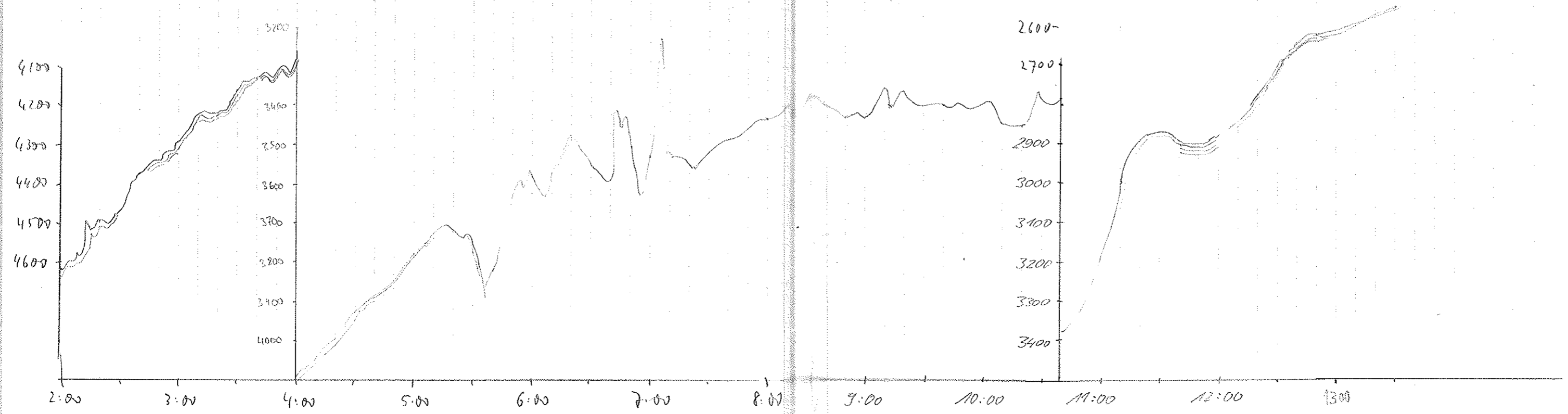
Roll	Profile	Date	Time	Lat S	Long E	Speed	Count	Depth	Depth Range	Sweep	Tripper	Relay	Sea	Pulse
35	8/492	4.3.86	2:24	66° 48.53	1° 29.51	12.6	34.7	4495	4125 - 6500	KP	2	0	500	1.0
"	"	"	2:00	42.45	40.82	13.1	37.1	4295	"	"	"	"	"	"
"	"	"	3:41	35.58	53.90	12.8	36.0	4144	1750 - 4125	KP-	3	"	"	"
"	"	"	4:07	32.36	58.12	12.7	36.5	4094	"	"	"	"	"	"
"	"	"	4:33	26.67	2° 10.58	12.7	37.1	3923	"	"	"	"	"	"
"	"	"	5:02	21.67	19.91	12.6	36.1	3787	"	"	"	"	"	"
"	"	"	5:07	20.73	20.99	12.6	36.1	3754	1875 - 3750	2	KP	"	"	"
"	"	"	5:33	16.19	29.49	12.7	36.7	3811	3750 - 4125	3	KP-	"	"	"
"	"	"	5:41	14.98	31.80	12.7	37.7	3830	1875 - 3750	2	KP	"	"	"
"	"	"	6:33	6.21	48.18	13.0	38.1	3556	"	"	"	"	"	"
"	"	"	7:00	1.74	56.83	12.6	35.3	3537	"	"	"	"	"	"
"	"	"	7:11	65° 59.76	3° 00.01	11.3	326.9	3539	"	"	"	"	"	7.01 kurz 3 k-P
"	"	"	8:00	57.22	+2° 53.62	4.7	325.7	3429	"	"	"	"	"	Profile Ende 8/492
"	"	"	8:10	56.70	52.68	3.9	328.4	3392	1000 - 3375	3	K-P	"	"	"
"	"	"	8:22	56.01	51.45	5.5	321.7	3420	1875 - 3750	2	KP	"	"	"
"	"	"	8:33	55.38	52.59	5.1	320.0	3368	1000 - 3375	3	K-P	"	"	"
"	"	"	8:47	54.59	50.89	4.2	319.4	3429	1875 - 3750	2	KP	"	"	"
"	8/493	"	8:50	54.47	50.50	4.2	318.5	3427	"	"	"	"	"	Start 8/493
"	"	"	9:08	53.38	47.86	4.3	319.4	3324	1875 - 3375	3	KxP	"	"	"
"	"	"	9:41	51.42	43.01	5.2	315.4	3396	1875 - 3750	2	KP	"	"	"
"	"	"	10:20	49.04	37.43	5.0	318.6	3455	"	"	"	"	"	"
"	"	"	10:47	47.53	32.67	5.6	319.7	3381	1000 - 3375	3	K-P	"	"	"
"	"	"	11:11	45.29	28.74	5.3	324.4	3006	1875 - 3000	2	KP	"	"	"
"	"	"	11:33	43.67	25.82	5.6	324.2	2846	"	"	"	"	"	"
"	"	"	11:55	41.99	22.85	5.4	324.0	2894	"	"	"	"	"	" Rolle gewechselt
36	"	"	12:08	41.14	21.24	6.7	317.4	2864	"	"	"	"	"	Start Rolle #36
"	"	"	12:40	38.79	16.68	6.8	317.3	2649	1875 - 2625	5	KPKP-	"	"	"
"	"	"	12:45						1615 - 3000	2	KP	"	"	"
"	"	"	13:06	37.03	13.37	5.2	320.1	2676	1875 - 2625	5	KPKP-	"	"	"
"	"	"	13:38	34.86	8.95	5.4	318.0	2554	"	"	"	"	"	"
"	"	"	14:08	32.84	4.74	5.2	323.0	2510	"	"	"	"	"	"

7.01 kurz 3 k-P  
Profile Ende 8/492

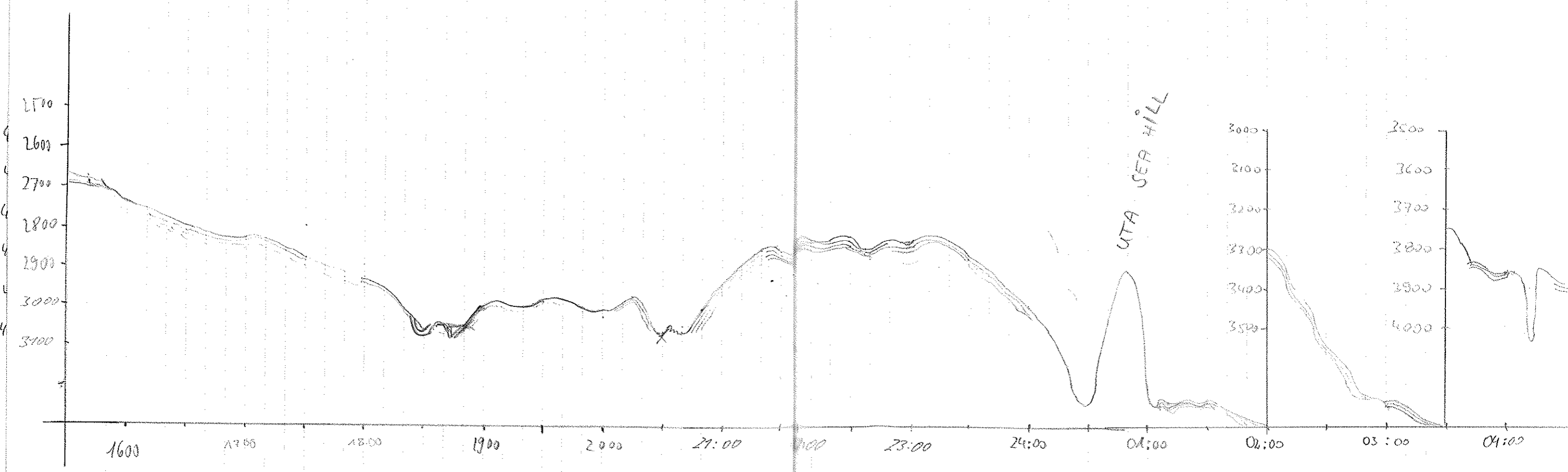
Start 8/493

Rolle gewechselt  
Start Rolle #36

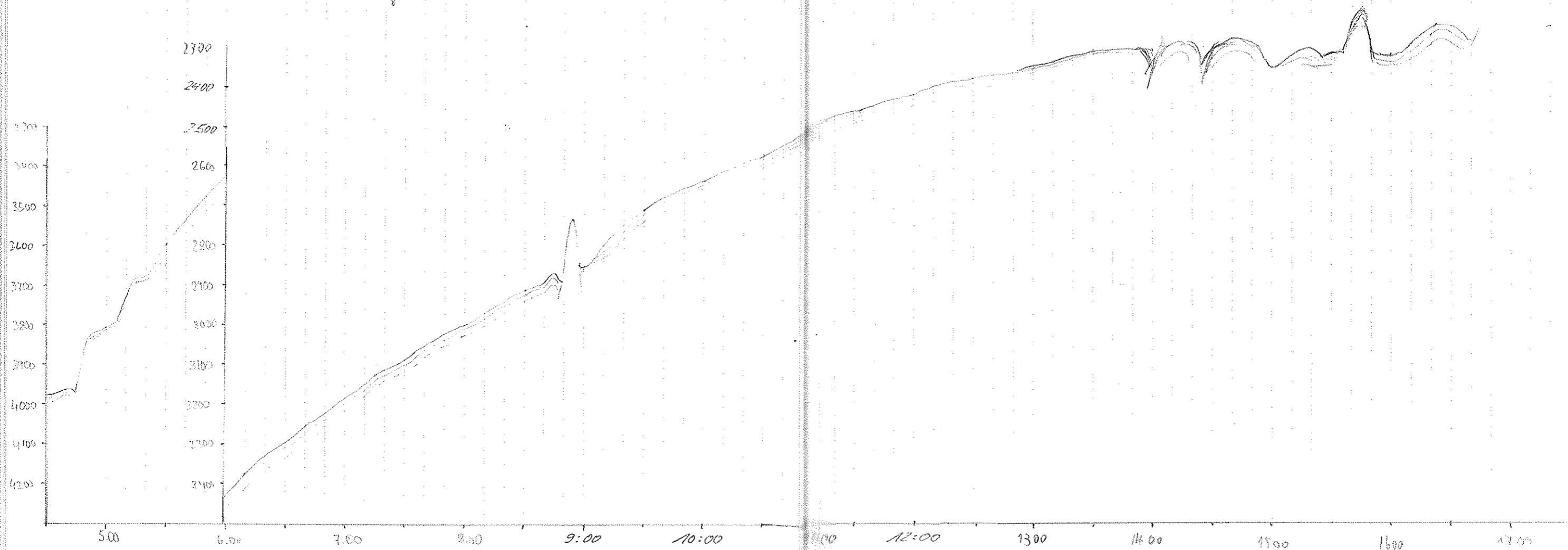
abgestellt  
welcher Reparatur



Roll	Profile	Date	Time	Lat S	Lon E	Speed	Course	Depth	H-Range	Sweep	Trigger	Delay	Scan	Pulse/L	Note
36	8/493	43.86	15:40	65° 26.67	105° 24.41	5.4	325	2689	625 - 3000	KP	2	0	500	1.0	
"	"	"	16:00	25.44	50.02	5.2	328.2	2734	"	"	"	"	"	4.0	
"	"	"	16:34	23.12	45.39	4.7	314.3	2804	"	"	"	"	"	"	
"	"	"	17:00	21.44	42.06	4.7	325.4	2838	"	"	"	"	"	"	
"	"	"	17:30	19.47	38.32	5.1	322.2	2883	"	"	"	"	"	"	
"	"	"	18:00	17.60	34.69	5.1	318.9	2932	"	"	"	"	"	"	
"	"	"	18:30	15.91	31.14	4.8	318.6	3074	000 - 3375	K-P	3	"	"	"	
"	"	"	19:04	14.02	26.94	4.9	318.3	3016	25 - 3000	KP	2	"	"	"	
"	"	"	19:41	11.52	22.21	5.1	321.7	2920	"	"	"	"	"	"	
"	"	"	20:15	9.29	17.75	4.9	318.9	2971	"	"	"	"	"	"	
"	"	"	20:28	08.48	16.13	4.9	320.6	3067	000 - 3375	K-P	3	"	"	"	
"	"	"	20:33	08.15	15.47	5.3	322.4	3051	25 - 3000	KP	2	"	"	"	
"	"	"	20:41	07.64	14.59	5.0	323.5	3051	000 - 3375	K-P	3	"	"	"	
"	"	"	20:50	07.07	13.28	5.4	320.9	3009	25 - 3000	KP	2	"	"	"	
"	"	"	21:21	04.67	08.65	5.4	319.4	2853	"	"	"	"	"	"	
"	"	"	22:00	01.97	03.28	5.4	319.3	2830	"	"	"	"	"	"	
"	"	"	22:30	64° 59.77	00° 58.99	5.5	317.7	2866	"	"	"	"	"	"	
"	"	"	23:03	57.59	54.76	5.3	316.4	2844	"	"	"	"	"	"	
"	"	"	23:33	55.56	50.64	5.7	320.9	2946	"	"	"	"	"	"	
"	"	5.386	00:02	53.36	47.70	5.1	312.9	3025	0 - 3375	K-P	3	"	"	"	
"	"	"	00:35	51.37	42.73	4.5	316.2	3128	"	"	"	"	"	"	
"	"	"	01:00	50.11	38.97	5.5	326.0	3219	"	"	"	"	"	"	
"	"	"	01:30	47.75	35.09	5.5	326.9	3245	"	"	"	"	"	"	
"	"	"	02:06	45.14	30.26	5.4	319.6	3384	15 - 3750	KP	2	"	"	"	
"	"	"	02:14	44.51	28.96	5.4	317.6	3440	"	"	"	"	"	"	
"	"	"	02:50	42.52	21.50	5.7	270.3	3687	"	"	"	"	"	"	Profile ends
"	"	"	03:27	42.55	15.78	5.7	269.7	3810	150 - 4125	KP	3	"	"	"	
"	"	"	04:00	42.36	09.33	5.5	270.6	3946	"	"	"	"	"	"	
"	"	"	04:21	43.25	04.24	6.0	102.2	3975	"	"	"	"	"	"	

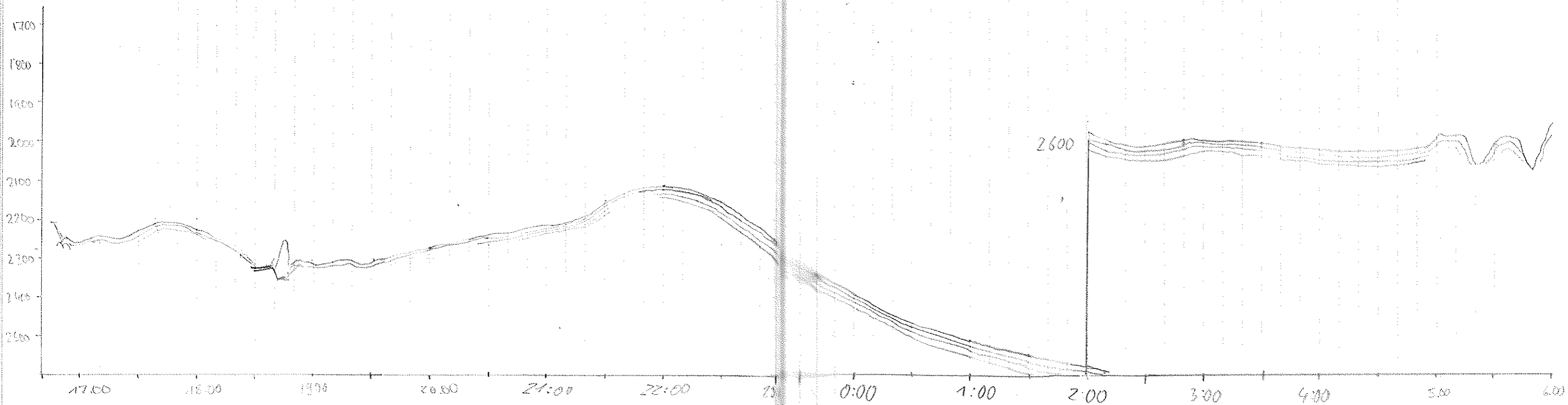


Roll	Profile	Date	Time	Lat S	Lon	Speed	Course	Depth	Depth-Range	Sweep	Trigger	m sec delay	m sec return	pulse/length	Note
36	-	5.3.86	5:02	64 44.06	0° 15.94	5.4	105.6	3805	3750-4125	3	KP-	0000	500	4.0	
"	-	"	5:08	44.18	17.05	5.5	104.3	3761	"	"	"	"	"	"	
"	-	"	5:30	44.63	21.55	4.4	102.1	3594	3375-3750	2	KP	"	"	"	
"	8/494	"	6:11	45.08	20.66	5.5	90.6	3372	2000-3375	3	K-P	"	"	"	
"	"	"	6:41	44.97	37.18	5.5	89.4	3251	"	"	"	"	"	"	
"	"	"	7:15	44.99	44.49	5.5	89.6	3131	"	"	"	"	"	"	
"	"	"	7:35	44.91	48.40	5.4	90.0	3064	"	"	"	"	"	"	
"	"	"	8:01	45.01	53.72	5.3	91.6	3001	2625-3000	2	K-P	"	"	"	
"	"	"	8:37	44.99	+0° 59.87	5.3	89.7	2941	"	"	"	"	"	"	
"	"	"	9:02	44.99	+1 06.47	5.0	90.2	2857	"	"	"	"	"	"	
"	"	"	9:34	45.06	13.29	5.3	87.9	2709	"	"	"	"	"	"	
"	"	"	10:02	44.97	18.74	5.4	89.3	2637	2750-2625	5	KPKP-	"	"	"	
"	"	"	10:32	45.01	24.65	5.0	89.2	2570	"	"	"	"	"	"	
"	"	"	11:03	45.04	30.46	4.7	89.6	2510	"	"	"	"	"	"	
"	"	"	11:34	44.99	36.79	4.9	88.7	2458	"	"	"	"	"	"	
"	"	"	12:02	44.98	42.77	4.8	90.3	2421	"	"	"	"	"	"	
"	"	"	12:30	45.02	47.86	4.4	87.9	2384	"	"	"	"	"	"	
"	"	"	13:00	45.02	54.26	5.4	88.1	2350	"	"	"	"	"	"	
"	"	"	13:30	44.95	2 00.07	4.2	84.0	2306	"	"	"	"	"	"	
"	"	"	14:00	44.97	06.03	4.7	85.4	2319	"	"	"	"	"	"	
"	"	"	14:30	45.04	12.36	5.3	89.3	2312	"	"	"	"	"	"	
"	"	"	15:00	45.05	19.27	5.6	88.9	2374	"	"	"	"	"	"	
"	"	"	15:36	45.00	26.57	4.9	87.7	2372	"	"	"	"	"	"	
"	"	"	16:00	44.96	31.87	5.5	96.2	2318	"	"	"	"	"	"	
"	"	"	16:22	44.97	36.18	5.4	81.1	2244	1875-2250	2	KP	"	"	"	
"	"	"	16:39	45.00	39.40	5.2	90.6	2274	2250-2625	"	"	"	"	"	

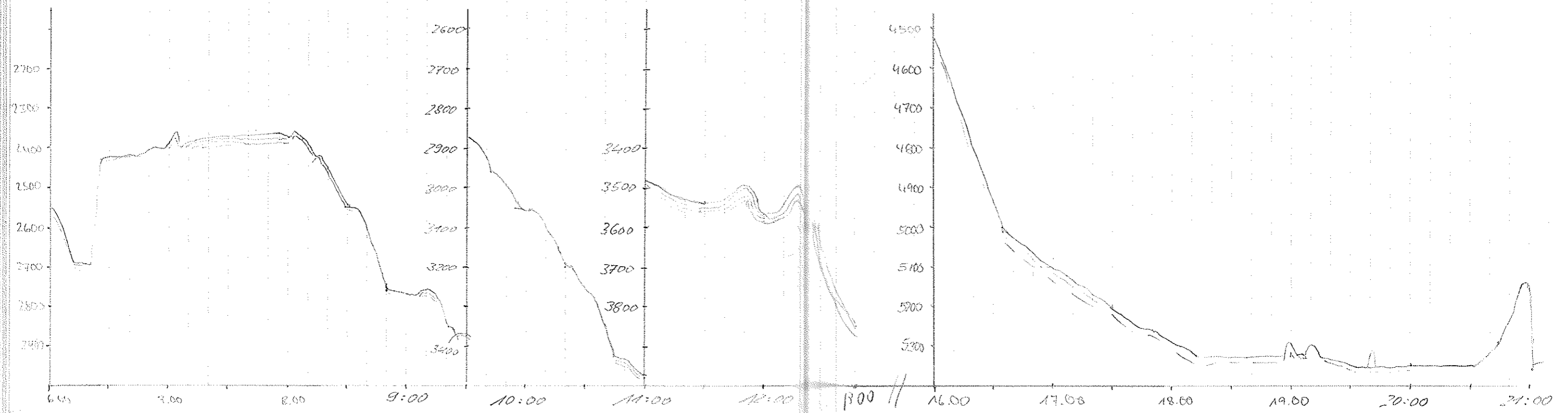




Roll	Profile	Date	Time	Lat S	Lon E	Speed	Course	Depth	Depth - Range	Sweep	Trigger	msec delay	m sec scan	pulse/length	Note
36	8/494	5.3.86	16:45	64° 45.01	+2° 40.54	5.0	88.8	2208	1875 - 2250	2	KP	0000	500	4.0	
"	"	"	17:00	45.02	43.64	5.2	92.3	2259	"	"	"	"	"	"	
"	"	"	17:38	45.22	51.79	5.5	91.3	2216	"	"	"	"	"	"	
"	"	"	18:00	45.20	56.36	5.8	89.3	2233	"	"	"	"	"	"	
"	"	"	18:18	45.16	+3 00.86	5.1	87.2	2271	2250 - 2625	5	KPKP	"	"	"	Profile end 8/494
"	"	"	18:56	45.08	8.15	5.5	87.3	2307	"	"	"	"	"	"	
"	"	"	19:32	46.01	8.19	5.5	331.5	2305	"	"	"	"	"	"	
"	8/495	"	19:44	44.84	8.11	5.8	4.5	2292	"	"	"	"	"	"	Profile start 8/495
"	"	"	20:07	43.47	8.39	5.7	2.4	2278	"	"	"	"	"	"	
"	"	"	20:19	40.05	9.11	5.3	1.0	2250	"	"	"	"	"	"	
"	"	"	21:07	39.45	9.40	5.2	6.2	2244	1875 - 2250	2	KP	"	"	"	
"	"	"	21:32	35.08	10.59	5.7	3.9	2151	"	"	"	"	"	"	
"	"	"	22:00	32.37	10.39	5.8	0.8	2118	"	"	"	"	"	"	
"	"	"	22:30	29.27	10.94	5.9	6.6	2152	"	"	"	"	"	"	
"	"	"	23:13	25.15	11.78	5.0	6.3	2264	2250 - 2625	5	KPKP	"	"	"	
"	"	"	23:40	22.95	12.36	5.6	6.7	2340	"	"	"	"	"	"	
"	"	6.3.86	0:03	21.01	12.82	4.9	7.2	2398	"	"	"	"	"	"	
"	"	"	0:30	18.62	13.24	4.9	2.4	2471	"	"	"	"	"	"	
"	"	"	1:00	16.06	13.82	5.7	3.2	2511	"	"	"	"	"	"	
"	"	"	1:32	13.28	14.29	5.5	7.7	2550	"	"	"	"	"	"	
"	"	"	2:01	10.48	14.87	5.5	6.0	2571	"	"	"	"	"	"	
"	Ende	"	2:17	9.45	15.07	5.5	7.0	2575	"	"	"	"	"	"	Profile end 8/495
"	"	"	2:50	4.72	17.03	5.6	19.97	2591	"	"	"	"	"	"	
"	08/496	"	3:04	10.10	14.29	5.4	26.95	2591	"	"	"	"	"	"	Profile start 8/496
"	"	"	3:31	10.02	9.08	5.5	273.7	2609	"	"	"	"	"	"	
"	"	"	4:00	10.00	2.87	5.3	269.5	2621	"	"	"	"	"	"	
"	"	"	4:30	9.81	2° 57.08	5.4	267.7	2634	2625 - 3000	2	KP	"	"	"	
"	"	"	4:57	9.47	51.31	5.4	267.3	2604	2625 - 2625	5	KPKP	"	"	"	
"	"	"	5:46	10.26	41.61	5.4	271.0	2631	2625 - 3000	2	KP	"	"	"	

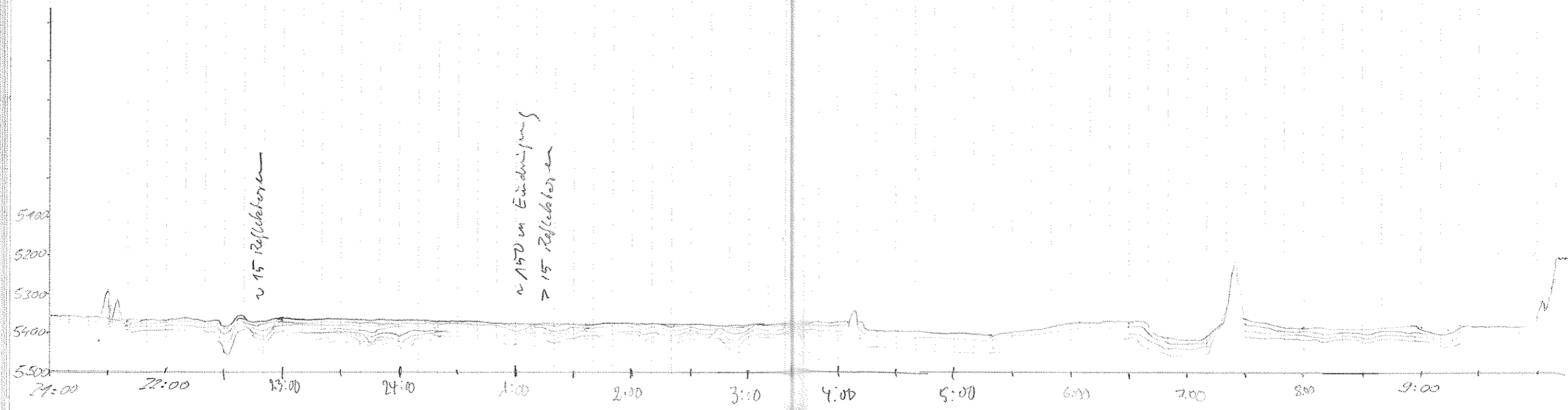


Roll	Profile	Date	Time	Lat S	Lon E	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec delay	msec scan	pulse/length	Note
36	8/496	6.3.86	6:13	64° 10.49	2° 36.05	5.5	268.8	2690	2625 - 3000	2	KP	0000	500	4.0	
			6:25	10.50	33.38	5.7	269.1	2464	2250 - 2625	5	KPKP-	"	"	"	
			6:47	10.53	29.46	5.3	268.6	2421	"	"	"	"	"	"	
			7:13	10.48	24.43	5.4	270.8	2365	"	"	"	"	"	"	
			7:42	10.40	19.29	5.3	270.6	2350	"	"	"	"	"	"	
"	"	"	8:00	10.06	15.89	5.3	270.9	2383	"	"	"	"	"	1.0	
"	"	"	8:34	09.84	09.09	5.1	272.4	2549	"	"	"	"	"	"	
"	"	"	8:43	09.84	07.29	5.2	267.4	2693	"	"	"	"	"	"	Rolle gewechselt
37	"	"	8:54	09.87	05.24	5.2	268.3	2764	2625 - 3000	2	KP	"	"	"	Start Rolle 37
"	"	"	9:30	09.93	1° 58.23	5.0	270.3	2874	"	"	"	"	"	"	
"	"	"	9:55	09.88	52.98	5.1	270.4	3038	3000 - 3375	3	KP-	"	"	"	
"	"	"	10:19	09.99	48.28	5.2	268.0	3208	"	"	"	"	"	4.0	
"	"	"	10:47	10.08	42.94	5.6	266.7	3433	3375 - 3750	2	KP	"	"	"	
"	"	"	11:00	10.04	40.21	5.3	273.3	3482	"	"	"	"	"	"	
"	"	"	11:50	09.97	34.26	5.3	274.6	3545	"	"	"	"	"	"	
"	"	"	12:00	09.99	28.42	5.4	271.3	3569	"	"	"	"	"	"	
"	"	"	12:41	64° 10' 00	79' 8"	5.5	270.8	3666	"	"	"	"	"	"	Profile Ende 8/496
"	8/497	"	13:25	9' 94	73.61	2.1	276	3750	"	"	"	"	"	"	Profile Anfang 8/497
"	"	"	14:16	7.69	73.09	2.0	24.0	3651	"	"	"	"	"	"	
"	"	"	15:06	63 58.21	723.11	12.4	25.5	4100	3750 - 4125	3	KP-	"	"	"	
"	"	"	15:26	63 54.74	1 26.58	12.9	22.4	4263	4125 - 4500	2	KP	"	"	"	
"	"	"	15:56	63 48.67	1 32.71	13.2	23.8	4535	4500 - 4875	7	KPxKxPx	"	"	"	
"	"	"	16:36	41.00	40.80	13.1	24.6	5003	4875 - 5250	2	KP	"	"	"	
"	"	"	17:01	36.30	44.99	12.8	24.1	5074	"	"	"	"	"	"	
"	"	"	17:31	30.32	50.29	12.8	21.1	5198	"	"	"	"	"	"	
"	"	"	18:12	22.11	57.18	13.0	20.5	5322	5250 - 5625	5	KPK-P	"	"	"	
"	"	"	19:11	10.29	2° 7.20	12.5	21.5	5332	"	"	"	"	"	"	
"	"	"	19:33	5.85	10.69	13.1	19.7	5350	"	"	"	"	"	"	
"	"	"	20:04	62° 59.70	2° 15.86	13.0	16.9	5345	"	"	"	"	"	"	
"	"	"	20:37	52.78	20.40	13.7	16.6	5349	"	"	"	"	"	"	
"	"	"	20:46	50.91	21.68	13.7	17.6	5285	4875 - 5250	2	KP	"	"	"	
"	"	"	21:02	47.62	24.08	13.7	12.5	5362	5250 - 5625	5	KPK-P	"	"	"	

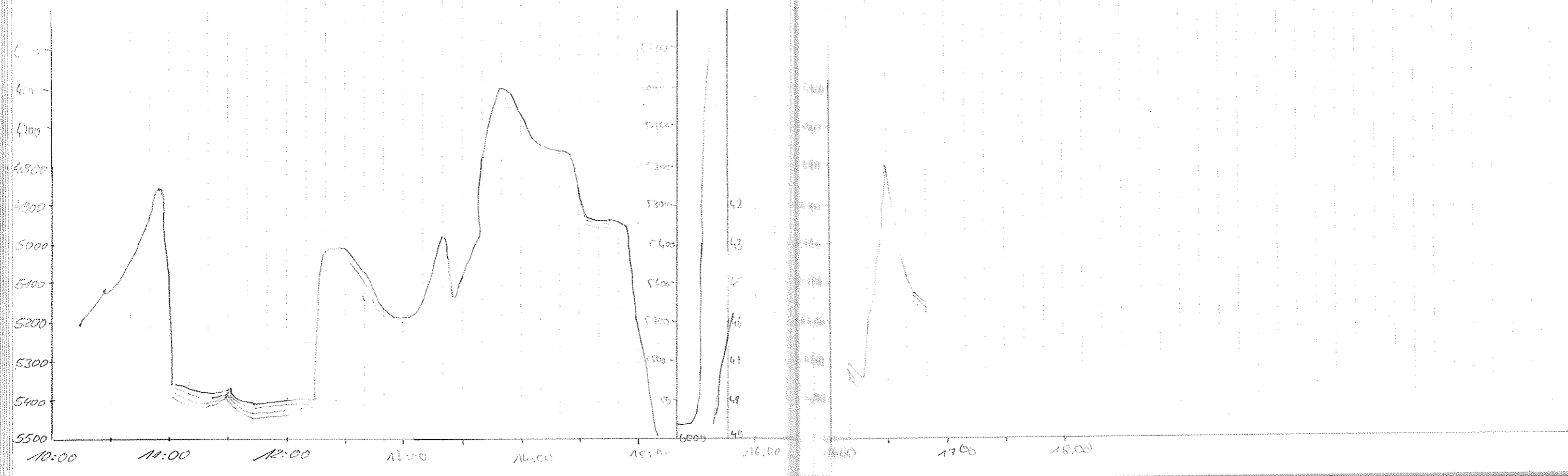


Roll	Profil	Date	Time	Lat S	Lon E	Speed	Course	Depth	Depth-Range	Sweep	Trigges	msec delay	msec scan	pulse/length	Note
37	8/497	6.3.86	21:39	62°39.95	7°30.06	13.7	18.7	5372	5250-5625	5	KPK-P	0000	500	4.0	
"	"	"	22:00	35.69	33.24	13.0	18.2	5367	"	"	"	"	"	"	
"	"	"	23:00	23.38	42.53	13.2	19.7	5372	"	"	"	"	"	"	
"	"	7.3.86	0:31	4.78	56.04	13.7	19.6	5387	"	"	"	"	"	"	
"	8/498	"	0:54	61°59.81	3°00.16	13.4	15.5	5391	"	"	"	"	"	"	
"	"	"	1:47	48.42	3.37	13.4	7.1	5379	"	"	"	"	"	"	
"	"	"	3:05	31.25	8.00	13.2	8.8	5374	"	"	"	"	"	"	
"	"	"	4:22	14.22	12.70	13.2	10.2	5386	"	"	"	"	"	"	
"	"	"	5:18	1.95	15.98	13.3	6.9	5401	"	"	"	"	"	"	
"	"	"	6:05	60°51.53	18.66	13.4	7.4	5367	"	"	"	"	"	"	
"	"	"	6:31	45.97	20.35	13.3	7.9	5371	"	"	"	"	"	"	
"	"	"	7:19	35.49	23.34	13.2	8.7	5374	"	"	"	"	"	"	
"	"	"	7:23	34.60	23.60	13.1	9.5	5242	4875-5250	2	KP	"	"	"	
"	"	"	7:29	33.32	23.99	13.3	10.4	5364	5250-5625	5	KPK-P	"	"	"	
"	"	"	8:03	26.70	26.28	13.7	8.8	5383	"	"	"	"	"	"	
"	"	"	8:31	20.03	27.41	13.2	7.3	5385	"	"	"	"	"	"	
"	"	"	9:11	08.73	30.59	13.5	7.3	5386	"	"	"	"	"	"	
"	"	"	10:15	59°56.82	33.28	13.6	8.8	5207	4875-5250	2	KP	"	"	"	
"	"	"	10:46	49.86	36.30	13.6	4.9	4867	4500-4875	7	KP-K-P-	"	"	"	

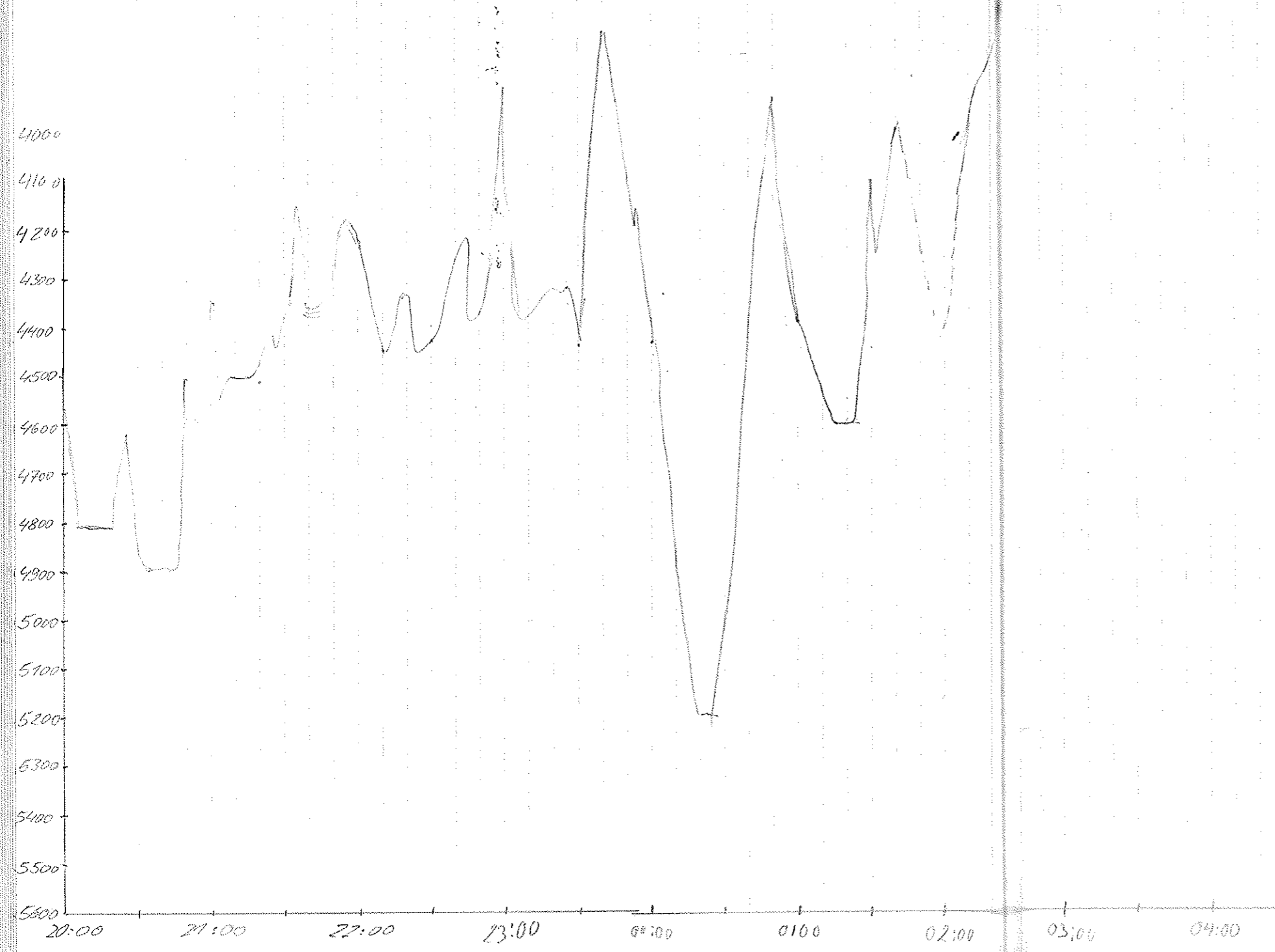
Ende +  
Begin neues Profil



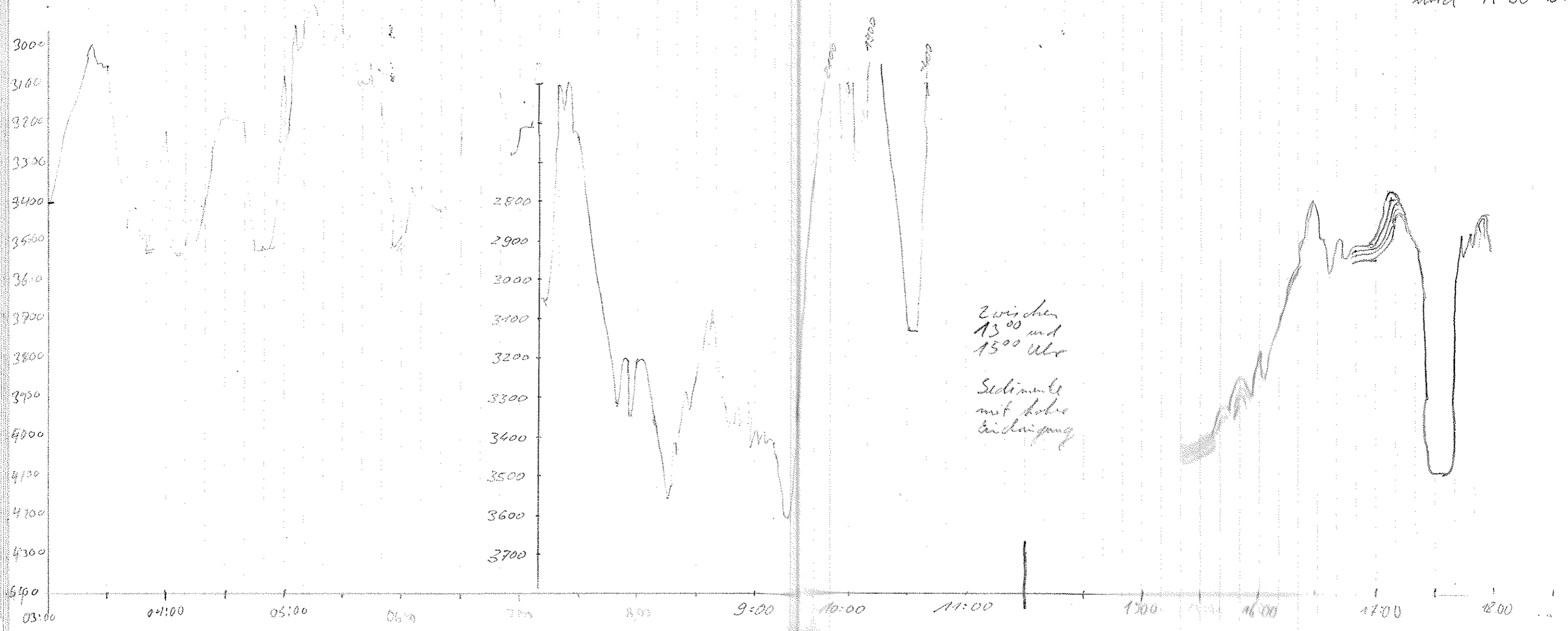
Roll	Profile	Date	Time	Lat S	Lon W E	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec / Delay	msec / Scan	Pulse / Length	Note
37	8/498	73.86	10:55	59°47.93	3°36.63	13.3	4.9	5017	4875-5250	2	KP	0	500	4.0	
"	"	"	11:40	44.79	37.27	13.2	4.8	5365	5250-5625	5	KPK-P	"	"	"	
"	"	"	12:01	33.36	39.76	13.4	5.7	5397	"	"	"	"	"	"	
"	"	"	12:25	27.66	40.24	13.3	7.6	5132	4875-5250	2	KP	"	"	"	
"	"	"	13:00	18.92	42.79	13.5	8.5	5273	"	2	"	"	"	"	
"	"	"	13:48	08.76	46.93	13.3	7.9	4639	4500-4875	7	KP-K-P-	"	"	"	
"	"	"	14:32	58°59.14	48.42	13.3	8.3	4941	4875-5250	2	KP	"	"	"	
"	"	"	15:05	51.01	50.40	13.5	4.4	5280	5250-5625	5	KPK-P	"	"	"	
"	"	"	15:20	48.61	51.12	13.4	7.7	5379	5125-6000	2	KP	"	"	"	
"	"	"	15:35	45.03	53.27	13.7	8.0	5407	5250-5625	5	KPK-P	"	"	"	
"	"	"	15:40	44.83	53.50	13.2	7.9	5092	4875-5250	2	KP	"	"	"	
"	"	"	15:45	42.52	53.70	13.0	3.3	4726	4500-4875	7	KP-K-P-	"	"	"	
"	"	"	16:10	38.12	54.36	13.5	4.8	5511	4250-5625	5	KPK-P	"	"	"	keuz der fall
"	"	"	16:43	31.13	55.58	13.2	5.5	5327	"	"	"	"	"	"	
"	"	"	17:54	15.37	58.16	12.4	9.8	4799	4500-4875	7	KP-K-P-	"	"	"	
"	"	"	18:39	08.31	400 32	13.2	9.0	5094	4875-5250	"	KP	"	"	"	
"	"	"	19:35	57 52 94	404 71	13.6	7.6	4611	4500-4875	"	KP-K-P-	"	"	"	
"	"	"	19:44	51 39	5 14	13.4	8.3	4296	4125-4500	2	KP	"	"	"	
"	"	"	19:56	48.79	5.88	13.6	8.1	4534	4500-4875	"	KP-K-P-	"	"	"	



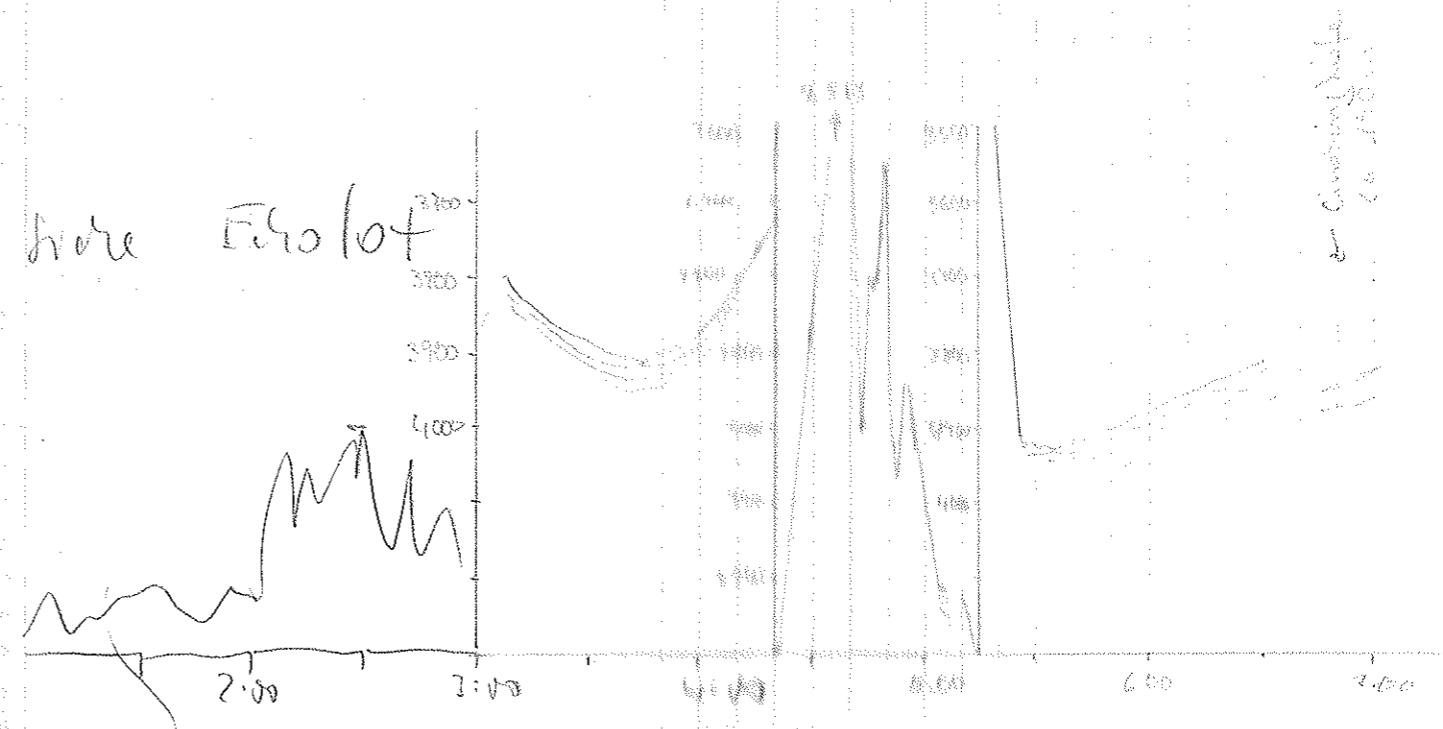
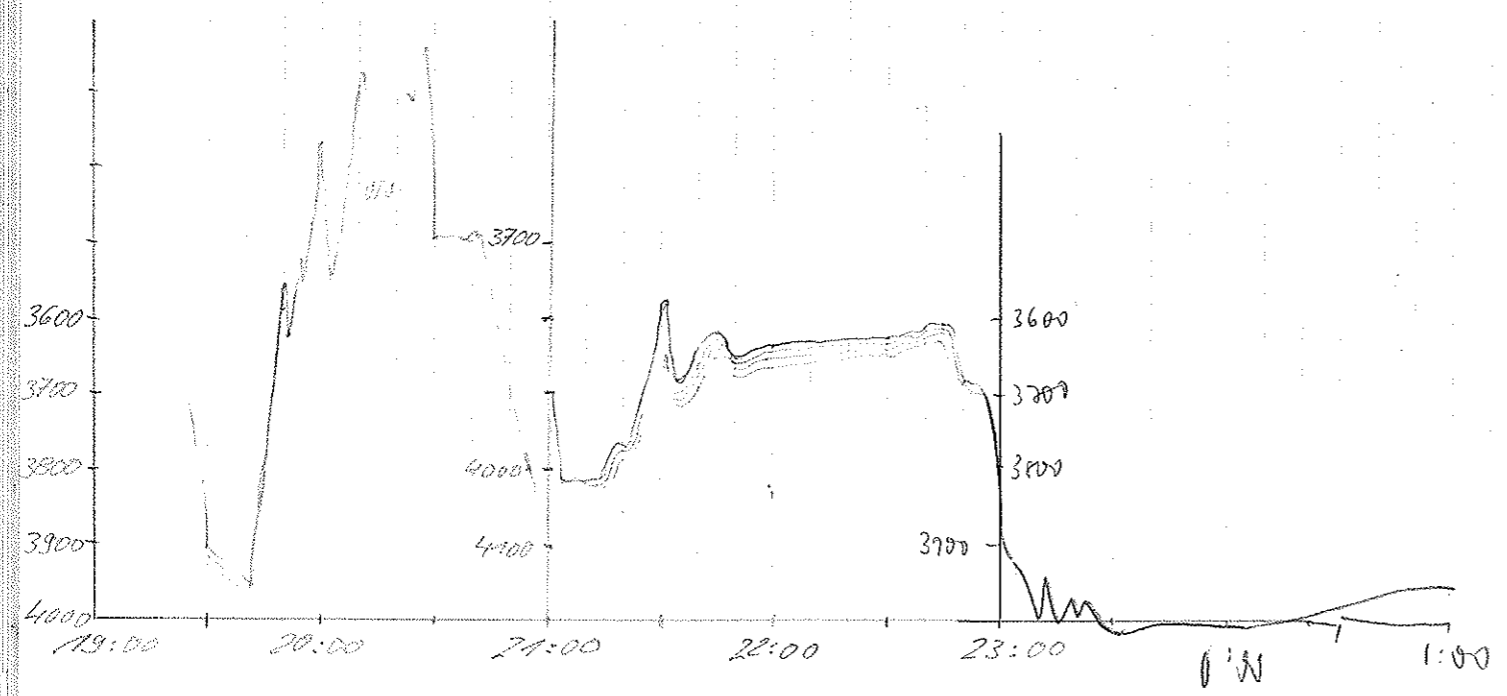
Roll	Profile	Date	Time	Lat S	Lon W	Speed	Course	Depth	Width-Range	Sweep	Trigger	msec/ Delay	msec/ Scan	Pulse/ Length	Note
37	8/498	7.3.86	20:36	57° 40.44	4° 08.46	13.4	6.9	4895	475-5250	2	KP	0	500	4.0	
"	"	"	20:46	37.91	08.93	13.4	6.8	4832	400-4875	7	KP-K-P-	"	"	"	
"	"	"	21:48	30.80	10.48	13.5	6.8	4512	425-4500	2	KP	"	"	"	
"	"	"	22:01	29.27	12.78	13.5	7.9	4239	"	"	"	"	"	"	
"	"	"	22:31	14.64	13.87	13.2	10.8	4423	"	"	"	"	"	"	
"	"	"	22:58	08.66	16.94	13.4	10.9	3944	475-4725	3	KP-	"	"	"	
"	"	"	23:23	03.18	17.37	13.7	9.0	4378	425-4500	2	KP	"	"	"	
"	"	"	23:29	01.79	17.93	13.7	8.1	4487	400-4875	17	KP-K-P-	"	"	"	
"	"	"	23:34	00.58	18.27	13.7	8.4	4394	425-4506	2	KP	"	"	"	
"	"	"	23:41	56° 59.11	18.67	13.6	7.3	3858	475-4725	3	KP-	"	"	"	
"	"	8.3.86	0:00	59.59	19.88	13.5	6.1	4468	475-4500	2	KP	"	"	"	
"	"	"	0:32	47.80	21.08	13.4	6.0	?	"	"	"	"	"	"	
"	"	"	1:00	41.57	22.45	13.4	7.2	4344	"	"	"	"	"	"	
"	"	"	1:30	35.07	24.21	13.4	7.7	4448	"	"	"	"	"	"	
"	"	"	2:00	28.44	25.67	13.5	6.9	4398	"	"	"	"	"	"	
"	"	"	2:30	21.85	27.25	13.3	6.9	3818	450-4125	3	KP-	"	"	"	

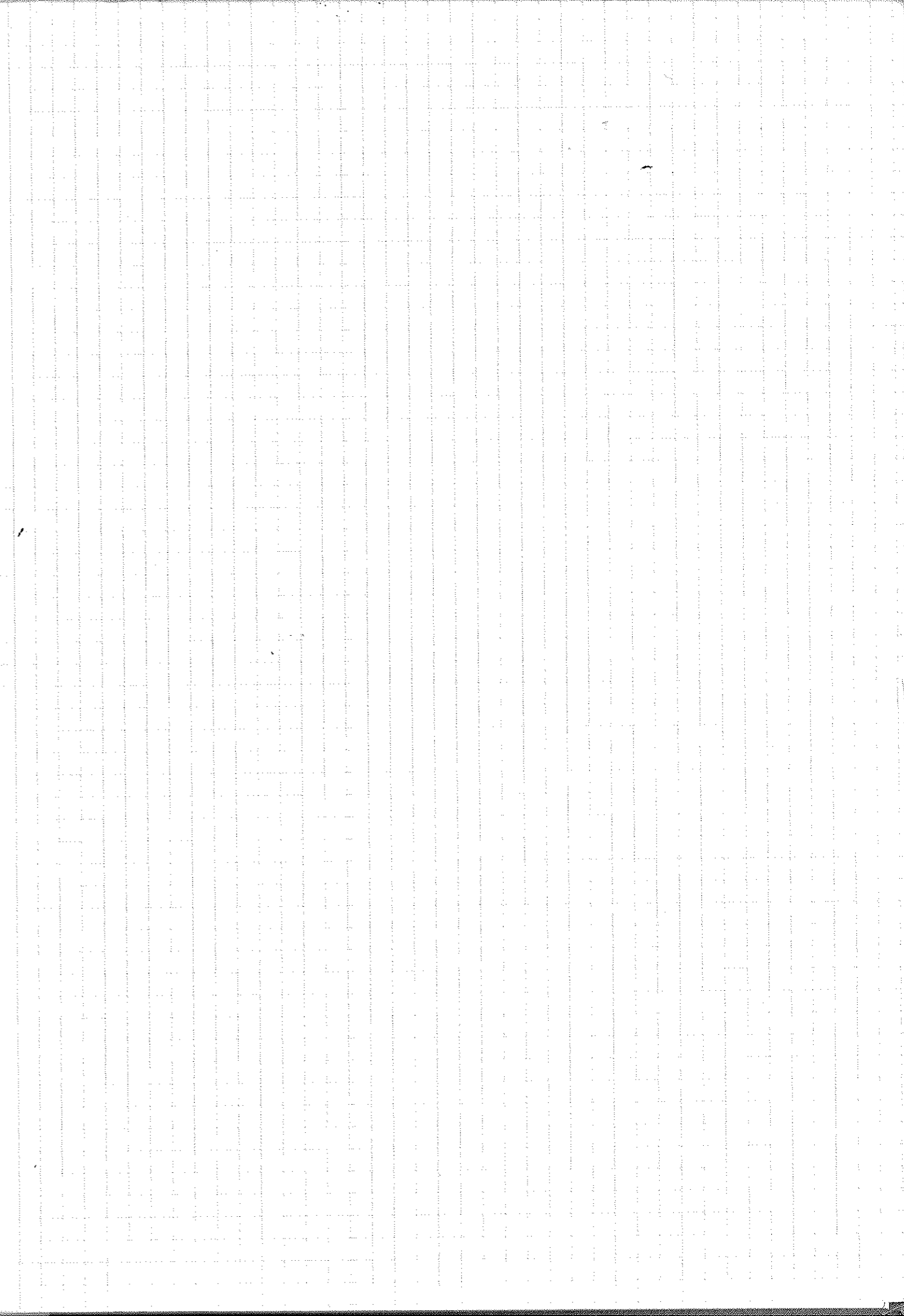
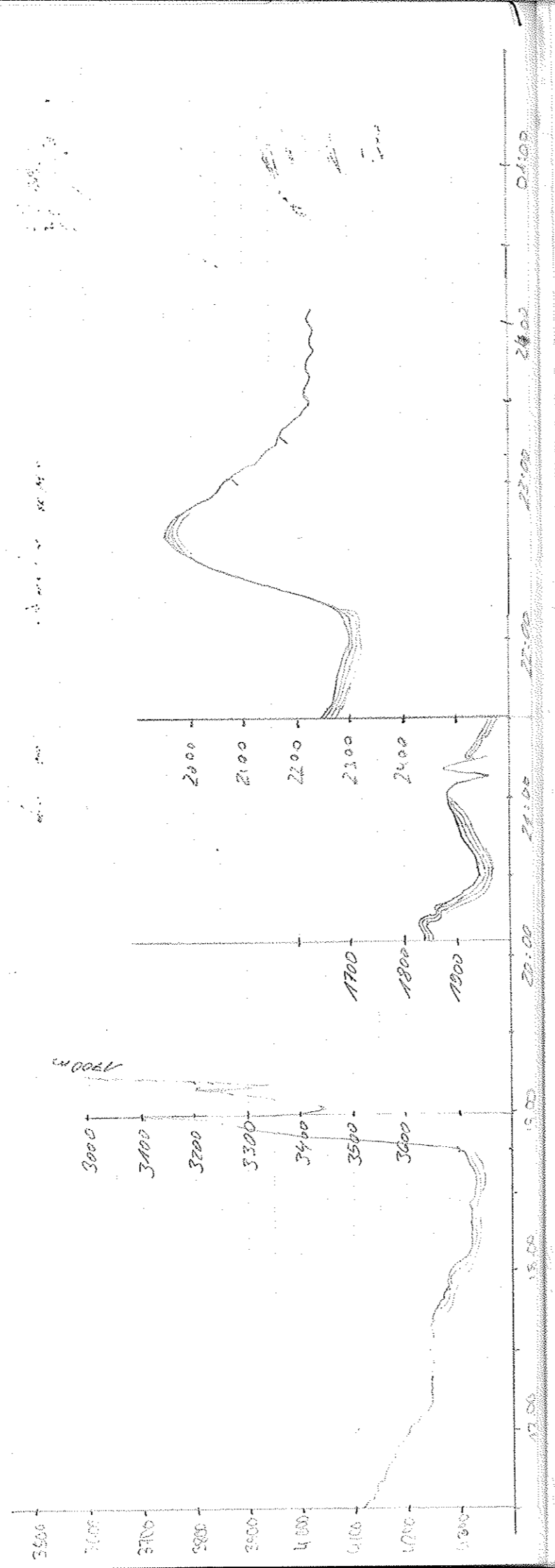
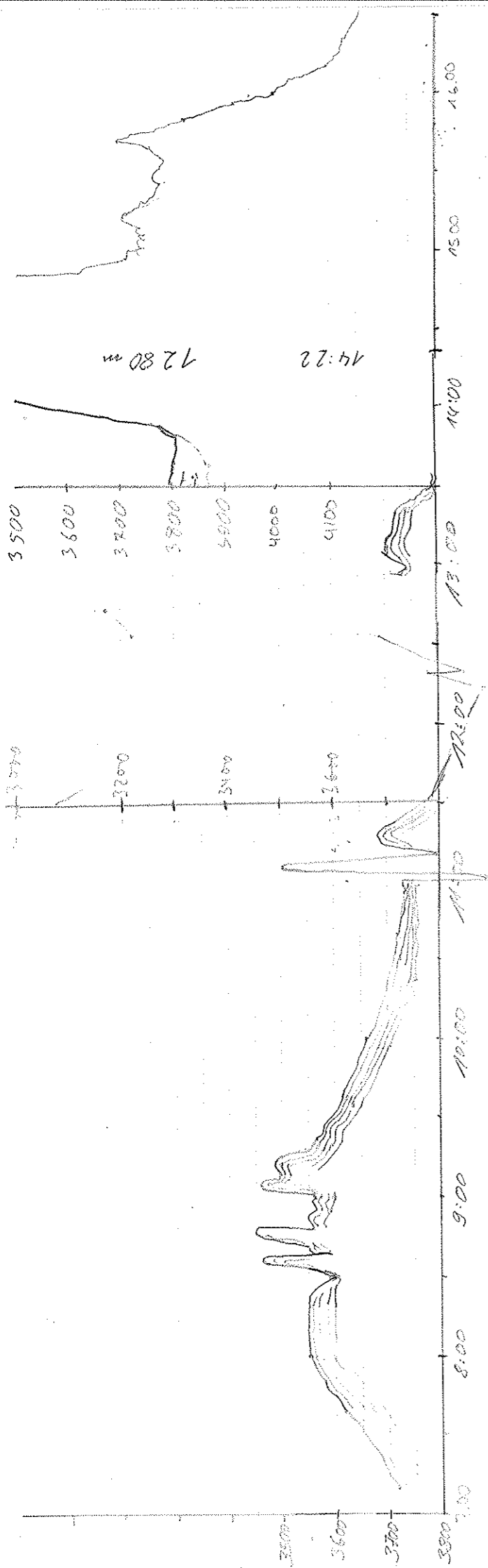


Roll	Profile	Date	Time	Lat. S	Lon E	Speed	Course	Depth	Depth-Range	Sweep	Troggen	mscc Wages	mscc Scan	Pulse / Length	Note
37	8/498	8.3.86	03:00	56° 15.28	40 28.79	13.4	7.9	3904	3375 - 3750	2	KP	0	500	4.0	
"	"	"	03:32	08.23	30.46	13.3	7.5	3051	3000 - 3375	3	K-P	"	"	"	
"	"	"	3:50	4.11	31.45	13.3	8.2	3168	3375 - 3750	2	K-P	"	"	"	
"	"	"	4:22	55° 56.62	33.22	13.6	7.5	3329	3000 - 3375	3	K-P	"	"	"	
"	"	"	4:46	51.40	34.40	13.5	7.0	3525	3375 - 3750	2	K-P	"	"	"	
"	"	"	4:57	48.81	35.02	13.5	7.8	3256	3000 - 3375	3	K-P	"	"	"	
"	"	"	5:08	46.56	35.61	13.3	8.3	2959	2625 - 3000	2	K-P	"	"	"	
"	"	"	5:47	38.37	37.48	13.0	7.0	3091	3000 - 3375	3	K-P	"	"	"	
"	"	"	5:56	36.55	37.91	13.0	8.9	3510	3375 - 3750	2	K-P	"	"	"	
"	"	"	6:08	33.97	38.58	13.1	6.6	3347	3000 - 3375	3	K-P	"	"	"	
"	"	"	6:11	33.28	38.69	13.1	5.4	3786	"	"	"	"	"	"	Rollenwechsel
38	"	"	6:20	31.27	39.05	13.3	4.3	3479	3375 - 3750	2	K-P	"	"	"	Neustart
"	"	"	6:31	28.98	39.48	13.1	4.2	3242	3000 - 3375	3	K-P	"	"	"	
"	"	"	6:42	26.54	40.09	13.2	7.7	2813	2625 - 3000	2	K-P	"	"	"	
"	"	"	7:03	22.18	47.79	13.7	8.2	3243	3000 - 3375	3	K-P	"	"	"	
"	"	"	7:38	14.73	42.89	12.9	8.4	2742	2625 - 3000	2	K-P	"	"	"	
"	"	"	7:48	12.73	43.43	13.7	8.7	3278	3000 - 3375	3	K-P	"	"	"	
"	"	"	8:38	01.71	46.58	13.3	9.6	3412	"	"	"	"	"	"	
"	"	"	10:03	54° 42.88	50.76	13.6	8.5	2604	"	"	"	"	"	"	
"	"	"	10:33	36.09	54.83	13.7	10.1	3176	"	"	"	"	"	"	
"	"	"	11:11	27.82	54.05	13.2	8.7	1546	"	"	"	"	"	"	
"	"	"	15:22	53° 32.48	5° 05.43	13.5	6.9	3422	3375 - 3750	2	K-P	"	"	"	Polacke
"	"	"	16:30	18.17	08.76	13.6	7.4	2894	2625 - 3000	2	K-P	"	"	"	gute Kimpfungen
"	"	"	18:57	52° 44.68	16.49	14.1	6.0	3435	3375 - 3750	2	"	"	"	"	bei 13:20 Uhr und 14:30-15:10



Roll	Profile	Date	Time GMT	Lat S	Lon O	Speed	Course	Depth	Depth-Range	Sweep	Trigger	msec/Delay	msec/Scan	Pulse/Length	Note
38	8/498	8.3.86	19:24	52° 38.57	5° 17.41	14.0	5.0	3713	375-3750	2	KP	0	500	4.0	
"	"	"	19:30	37.27	17.60	14.1	5.3	3808	375-4125	3	KP-	"	"	"	
"	"	"	19:50	37.84	18.80	13.8	5.9	3591	375-3750	2	KP	"	"	"	
"	"	"	20:32	23.16	20.52	13.9	7.8	3380	"	"	"	"	"	"	
"	"	"	20:54	18.41	20.77	13.5	5.2	3801	3750-4125	3	KP-	"	"	"	
"	"	"	22:04	02.90	22.80	13.4	9.2	3835	"	"	"	"	"	"	
"	"	9.3.86	23:04	51° 50.22	26.18	13.2	6.4	3745	"	"	"	"	"	"	
"	"	"	0:11	35.92	32.06	13.1	6.2	4007	"	"	"	"	"	"	
"	"	"	0:58	25.82	32.14	"	6.6	3912	"	"	"	"	"	"	
"	"	"	1:55	13.27	34.16	13.2	7.7	3721	"	"	"	"	"	"	
"	"	"	3:43	50.37	37.83	13.1	8.1	3711	"	"	"	"	"	"	
"	"	"	4:30	40.16	41.48	13.1	6.9	2873	2625-3000	2	KP	"	"	"	
"	"	"	5:31	26.63	43.56	13.3	5.4	3929	3750-4125	3	KP-	"	"	"	
"	"	"	6:30	13.98	45.85	13.1	7.8	3818	"	"	"	"	"	"	
"	"	"	7:08	04.98	47.27	13.7	7.9	3773	3375-3750	2	KP	"	"	"	
"	"	"	8:43	43.27	50.97	13.8	9.7	3556	"	"	"	"	"	"	
"	"	"	10:00	25.95	54.88	13.7	11.0	3662	"	"	"	"	"	"	
"	"	"	11:00	17.79	57.87	13.6	5.4	3881	3710-4125	3	KP-	"	"	"	kurz 3M-
"	"	"	11:10						3375-3750	2	KP	"	"	"	
"	"	"	11:20	05.60	59.43	13.8	4.0	3784	3750-4125	3	KP-	"	"	"	
"	8/499	"	11:54	59.75	6 00.07	13.7	7.5	3815	"	"	"	"	"	"	Profilmfang 8/499
"	"	"	12:14 GMT	58.39	03.59	13.6	7.2	3959	"	"	"	"	"	"	
"	"	"	12:32	52.89	06.64	13.5	30.6	36A3	"	"	"	"	"	"	
"	"	"	12:36	52.02	07.96	13.5	31.8	3779	"	"	"	"	"	"	
"	"	"	12:42	51.01	08.20	13.5	32.6	3775	"	"	"	"	"	"	
"	"	"	12:56	48.20	10.84	13.6	32.3	3745	"	"	"	"	"	"	
"	"	"	13:05	46.61	12.37	13.6	32.2	3745	"	"	"	"	"	"	
"	"	"	14:22	37.77	26.07	13.5	31.7	1297	1975-2250	2	KP	"	"	"	
"	"	"	17:00	01.03	54.54	13.4	31.7	4207	1125-4500	2	KP	"	"	"	
"	"	"	20:05	47° 27.30	7° 24.68	12.9	33.0	1837	1800-1875	5	KPK-P	"	"	"	
"	"	"	20:18	24.77	7° 26.97	13.0	31.3	1884	1875-2250	2	KP	"	"	"	
"	"	"	21:01	17.10	32.76	13.0	31.8	1897	"	"	"	"	"	"	
"	"	"	21:39	10.40	39.80	13.0	32.0	2255	1850-2625	5	KPK-P	"	"	"	
"	"	"	22:21	02.74	46.72	12.9	30.6	2174	1875-2250	2	KP	"	"	"	







Rolle	Profil	Datum	Zeit (GMT)	Lat S	Lon E	Ges. Sw.	Kurs	Tiefe	Referenzwert	Sweep	Trigger	msec / Delay	msec / Scan	Pulse / Keyhole	Bemerkungen
38	B/499	10.3.86	00:02	46°43.29'	08°04.10'	13.3	30.8	2228	1875-2250	2	KP	0	500	1	
"	"	"	00:55	33.30'	12.86'	13.3	30.0	1534	1500-1875	5	KPK-7	"	"	"	
"	"	"	01:04	31.63'	14.24'	13.4	29.9	2219	1875-2250	2	KP	"	"	"	
"	"	"	01:10	30.34'	15.34'	13.3	30.3	2553	2250-2625	5	KPK-7	"	"	"	
"	"	"	01:25	29.86'	16.51'	12.9	32.1	3249	3000-3375	3	K-P	"	"	"	
"	"	"	01:29	27.12'	17.15'	12.9	29.7	3253	3375-3750	2	KP	"	"	"	
"	"	"	01:47	28.95'	20.21'	13.0	35.3	3230	3750-4125	3	KP	"	"	"	
"	"	"	02:04	20.83'	23.28'	12.9	34.7	4144	4125-4500	2	KP	"	"	"	
"	"	"	03:00	46°10.93'	8°32.76'	12.8	30.9	4397	"	"	"	"	"	"	3,5 kHz abgestellt

