

PARASOUND-WACHTSUCHT

ARK XXVI/3

Art.-Nr. 10-14 232

5 mm kariert 96 Blatt



4003273009783

BRUNNEN 

ARK XXVI 13

5.8. - 7.10.2011

TROMSØ - BREMERHAVEN

PS 78

START	6.8.	17.02	KEIN WACHBETRIEB AUTOMATIC MODE
	7.8.	17.54	BEGINN RUN EEE
	9.8.	12.51	ENDE BEOBSCHTUNG
	13.8.	9.23	REGULIERGÜLDER LOCKBETRIEB
	14.9.	11.16	RUN EEE
	19.9.	06.57	START PS
	22.9.	19.30	RUN EEE
	23.9.	07.44	END OF OBSERVATIONS

DATE	UTC	LAT N	LONG	DS DEPTH	HS DEPTH	RANGE	SPEED	MODE	COURSE	WATCH
13.8.11	09:00	85°15.617	059°59.924E	3926	3781	3500-4500	7.8	QE	3.2	Jas
	09:30	85°18.498	060°12.792E	3925	3775		5.4	"	8.2	"
	10:00	20.444	23.107L	3921	3925		5.5	"	35.7	NL
	10:30	85°22.934	060°21.850E	3925	3920		1.4	"	2.4	Jas
	11:00	85°25.991	060°21.408E	3929	3934		6.9	"	34.66	"
	11:30	85°29.650	060°28.20E	3935	3941		7.1	"	32.47	"
14.8.11	02:03	85°34.087	059°17.34E	3942	3797		6.9	"	37.7	"
	02:30	85°36.599	059°29.58E	3915	2970	2500-4500	6.1	"	7.1	"
	03:00	85°39.148	059°43.44E	3946	3810		5.0	SP	24.2	"
	03:30	85°42.047	059°47.604E	3921	3721		3.6	"	5.2	"
	04:00	85°44.157	059°57.20E	3933	3791		4.5	"	23.4	"
	04:30	85°46.655	060°17.50E	3901	3936		5.3	"	35.0	"
	05:00	85°48.111	060°0.096E	3933	3780		0.3	"	24.8	"
	07:48	48.360' N	59°52.598E	3933	3788	2500-4500	0.5	SP	6.2	NL
	08:30	49.767'	55.501'E	3926	3779	"	8.0	"	33.1	"
	09:00	52.604'	60°08.473'	3926	3781	"	7.5	"	4.5	"
	09:30	55.272'	59°59.755'	3920	3777	"	5.8	"	30.6	"
	10:00	56.735'	59°51.323'	3921	3775	"	6.2	RE	35.9	Hao
	10:30	57.195'	59°51.310'	3921	3776	"	4.2	RE	33.0	Hao
	11:00	58.690'	59°18.023'	3919	3776	"	2.9	RE	8.3	Hao
	11:30	58.552'	59°25.299'	3921	3779	"	6.6	RE	25.1	Hao
	11:30	85°58.813	059°20.912	3921	3774	"	4.4	QE	?	Jas
	21:00	86°01.70	059°28.598	3914	3762	"	0.6	QE	?	"
	21:30	86°07.938	059°25.112	3913	3916	"	5.9	QE	40.1	"
	22:00	86°04.505	059°32.170	3916	3766	"	3.3	QE	.	"
	22:30	86°06.642	059°43.716	3763	3699	"	3.4	QE	25.37	"
	23:00	86°08.864	059°40.638	3914	3766	"	4.6	QE	34.46	"
15.8.11	23:30	86°08.864	059°40.638	3914	3766	"	1.1	QE	16.36	"
	24:00	86°09.735	059°34.974	3913	3770	"	6.8	QE	12.2	"
	00:30	86°10.286	059°10.656	3904	3770	"	5.3	QE	12.2	"
	01:00	86°12.434	059°10.870	3859	4135	"	0.2	QE	16.22	"
	01:30	86°14.411	059°16.917	3145	7948	"	0.5	QE	23.66	"
	11:00	86°14.584	059°11.055	3045	2930	"	4.1	QE	35.51	"
	11:30	86°15.442	059°17.907	2881	3269	"	2.1	QE	165.6	"
	12:00	86°16.770	059°14.786	2524	3957	"	1.0	QE	359.2	"
	12:30	86°18.675	059°18.627	7880	2476	"	3.2	QE	319.5	"
	13:00	86°19.845	059°10.361	3740	2170	"				"

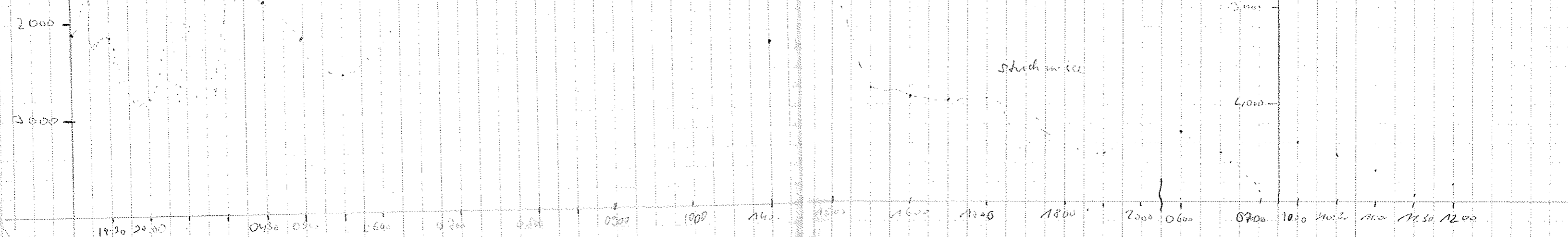
07:50 Pulge wird hochgeladen  
09:15 Speichergerät  
Stimmung durch Einfahrt; ein Teil Signalverlust  
11:50 Station 78/201 WT 60  
01:20 Station beendet WT 0  
02:30 Verlust Tufe 500m Fichte  
02:50 Tufe PTF, kein SCF Signal, Single Pile  
zu steil. Conductor, Heli PL 200m  
03:30 200m hunder SCF Signal  
04:59 Station 78/202 WT 60  
07:48 Station 78/202 beendet WT 0  
11:50 station 78/203 start  
Station 78/203 beendet 20:35  
21:00 per 1 Course / Hoogaten Telegramme anfallen  
21:35 Wärmes ablesen, weil Reparatur  
Sec mount auf Standby planen  
22:05 Depth/Orthomoly System  
PTF/SCF/RT Tufen schweben ablesen  
22:15 Schiff laut ablesen ohne Daten  
23:30 stuck in the ice - 2005  
01:07 500m hunder  
01:58 Station 78/204 WT 60  
10:35 Station beendet 200m Depth hunder WT 0  
12:00 stuck in the ice  
13:17 Station 78/205 WT 60

Sec mount  
auf SCF zu steil  
Sec mount  
gestrichelt

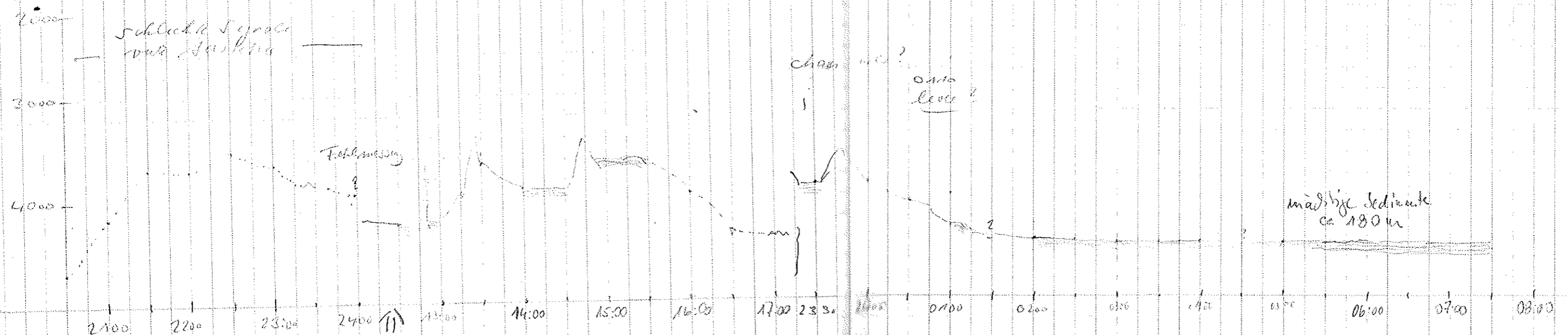


DATE	UTC	LAT °N	LONG °	PS DEPTH	HS DEPTH	RANGE	SPEED	MODE	COURSE	WDTCH	COMMENTS
15.8.11	19:00	086°20.435	059°13.640E	25 25	28 49	2500-4500	2.6	QE	12.5	CLIP	1846 Station, Beaufort W70
	19:30	086°22.299	059°26.854E	36 54	21 84	"	5.5	"	349.9	"	"
	20:00	086°24.000	059°41.567E	23 99	35 81	"	"	"	19.2	"	20:05-100m thick ice
	20:30	086°24.914	059°54.391E	34 68	30 25	"	1.9	"	329.5	"	2030 stuck in ice
	21:00	086°25.930	059°59.494	27 50	20 16	"	4.8	"	65.0	"	2040 stuck in ice
											21:15 Station 78/206 WT 60
16.8.11	04:31	086°26.703	060°12.691E	30 62	18 23	500-4500	4.3	QE	25.3	"	4:31 Station Beaufort W70
	05:00	086°28.000	060°19.885	20 54	21 25	500-4500	2.6	QE	4.0	"	05:00 station ice
	05:30	086°29.883	060°21.407E	23 34	22 89	"	3.2	QE	339.3	"	05:15 Window 500-2500
	06:00	86°30.770'N	60°41.111'E	2407	2416	500-2500	4.7	QE	46	NL	06:32 Window 500-2500
	06:30	32.170'	41.344'	2165	2117	500-3500	3.4	QE	3.5	"	"
	07:00	86°34.210'N	60°50.824'E	1966	1897	500-2500	5.6	QE	45.9	"	"
	07:30	35.509'	59.516	?	?	500-2500	0.8	QE	22.9	"	"
	08:05	36.802'	61°01.741	2148	2066	"	3.8	"	356	"	"
	08:36	86°38.515	060°55.600	1522	23 68	"	5.1	"	14	"	"
	09:00	86°39.982	61°02.466	1494.2	1437.6	"	4.5	"	354.5	"	"
	09:30	86°41.793	61°02.589	587	619	"	3.2	"	20.8	"	"
	10:09	86°42.712	061°00.838	602	607	"	5.1	"	110.1	"	"
	11:00	86°42.890	061°02.613	669	643	"	5.4	"	308.0	"	10:20 Station 78/207 WT 60
	14:30	86°44.884	061°25.05	1495.1	1446.5	1500-3500	5.2	"	278.7	"	13:35 Station Beaufort WT 0
	15:00	86°45.890	060°43.000	1887	2030	"	3.2	"	316.2	"	"
	15:20	86°47.887	060°26.810	2896	22 93	"	5.5	"	233.7	"	15:20 stuck in ice
	16:00	86°49.244	060°09.335	2886.7	2635.6	"	5.5	"	315.4	"	16:28 stuck in ice fast
	16:30	86°50.780	060°08.936	3109.2	3007.9	2000-4000	1.5	"	15.9	"	"
	17:00	86°52.941	060°07.447	2936	2828	"	6.7	"	335.2	"	17:00 stuck in ice
	18:30	86°51.360	059°50.218	3562	30 99	"	3.5	"	252.1	"	17:20 stuck in ice
											Recommend halt
	20:10	86°51.899	059°32.165E	3248	3919	"	5.0	"	348.6	"	19:00 Rejoin Positioning Station
											19:42 Station 78/208 WT 60, Abgang
17.8.11	06:00	86°50.003	059°58.359	3329	3213	"	6.3	"	17.3	"	20:32 " "
	06:31	86°51.535	059°32.622	3550	3419	"	5.5	"	324	"	5:42 Station Beaufort W70
	07:00	54.617	19.883	3969	3721	3000-5000	6.4	"	314	NL	07:20 Lake small ice station
	10:00	86°56.128	058°56.045	4423	4157	"	4.6	"	320	"	07:46 Station 78/209 WT 60
	10:30	86°56.835	058°40.250	4581	4403	"	2.0	"	138.9	"	8:20 at Aljohda, auf PVC Station
	11:08	86°58.889	058°12.741	4768	4624	"	3.2	"	352.0	"	9:30 Station WT 60
	11:31	86°59.463	058°34.155	4905	4801	"	6.6	"	203.6	"	9:58 Station Aljohda, New PVC
	12:00	86°26.642	058°24.680	4884	4681	4000-6000	0.8	"	115.5	"	11:41 Station W70
											12:00 Station 78/209
											20:13 Station Beaufort W70

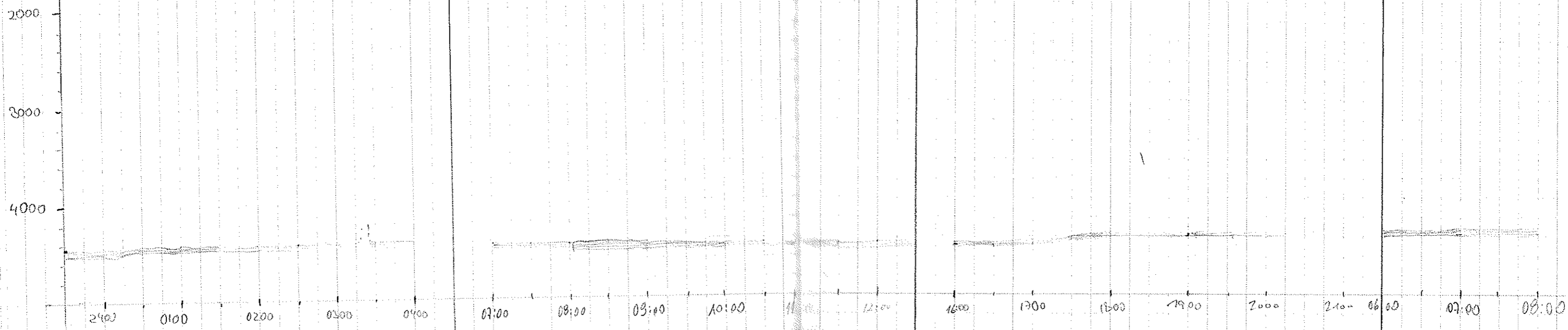
selbstes SET Signal  
schlechtere Datenqualität



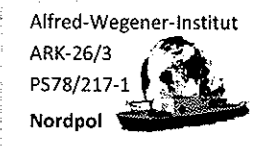
6	DATE	UTC	LAT °N	LONG °E	PS DEPTH	HIS DEPTH	Range	Speed	MODE	COURSE	WATCH	COMMENTS	7
	17.8.11	20:30	87° 10.122	059° 52.242	27684	45279	3000-5000	2.5	QE	4.3	DEAN		
		21:00	87° 2.756	059° 17.102	41871	40788	"	6.5	"	6.5	"		
		21:30	87° 5.209	059° 72.882E	3883	3813	"	4.7	"	62.4	"		
		22:00	87° 7.735	059° 52.602E	3737	3609	"	2.8	"	44.6	"		
		22:30	87° 9.559	060° 8.654E	4126	4156	"	5.4	"	349.0	"		
		23:00	87° 11.817	060° 6.922E	3786	3858	"	5.8	"	1.2	"		
		23:30	87° 14.299	060° 7.624E	7840	3623	"	4.3	"	316.2	"		
		24:00	87° 16.092	060° 2.276E	4542	3850	"	2.3	"	38.8	"	23:56 stuck in ice	
18.8.11		0:30	87° 17.482	059° 59.590	4228	4073	"	3.3	"	296.6	"	00:33 stuck in ice 0049	
		1:00	87° 17.800	059° 42.801	4181	4389	"	0.2	"	137.2	"	1:28 Station 78/210 WT 60	
		12:20	87° 16.929 N	60° 10.815 E	4227	4071	"	2.2	"	213.5	NL	12:40 Station boundary WT 0	
		12:30	87° 16.590	059° 56.188E	4227	4070	"	4.8	"	282.5	3ch.	12:47 stuck in ice	
		13:09	87° 19.110	059° 41.813E	4140	3927	"	4.7	"	344.2	"		
		13:30	87° 20.657	059° 30.646E	3785	3644	"	4.5	"	12.4	"		
		14:00			53.685	4384		5.6	"	3.0	NL	14:23 festgefahren	
		14:30			60° 13.012	4325		3.7	"	43.7	"		
		15:00			60° 05.164 E	3621		3.9	"	2.0	"		
		15:30			02.244	3591		4.2	"	2.9	"		
		16:00	87° 30.191	60° 29.266	3941	3700.7		7.2	"	28.4	Tina		
		16:30	87° 33.322	60° 38.528	4427.8	4251.6		7.1	"	13.2	"		
		17:00	87° 35.612	60° 57.068	4255.0	4077.8		1.7	"	26.3	"	17:14 wait time 60s Station 78/211-1	
		23:36	87° 39.139	061° 21.337	3963.0	3830		6.3	"	342.5	DEAN	23:05 Station boundary WT 0	
19.8.11		24:00	87° 41.130	060° 37.511	3896	3848		5.1	"	300.7	"	00:10 stuck in ice	
		00:07	87° 42.740	060° 8.239	4087	3738		1.9	"	0.5	"		
		01:00	87° 44.547	060° 8.496	4344	4183		1.6	"	358.9	"		
		01:30	87° 46.492	060° 23.487	4900	4498		2.0	"	354.1	"		
		02:00	87° 48.338	060° 38.874	4421	4259		0.4	"	35.6	"		
		02:30	87° 49.644	060° 28.328	4424	3490		3.2	"	334	Haw	02:16 stuck in ice	
		03:00	87° 50.743	060° 21.474	4424	4260		0.3	"	341.4	"	02:36 stuck in ice	
		03:30	87° 52.777	059° 47.841	4424	4262		5.6	"	347.7	"	04:45 stuck in ice	
		04:00	87° 54.636	059° 42.830	4421	4296		4.3	"	50.4	"		
		04:30	87° 56.834	060° 13.094	4543	3925		2.9	"	344.1	"		
		05:00	87° 58.758	059° 53.521	4422	4285		4.6	"	327.6	"		
		05:30	87° 59.622	059° 12.183	4424	4239		1.4	"	214.6	"		
		06:00	59.065 X)	58° 35.840	4421	4318		4.0	"	353	NL		
		06:30	59.918	50.782	4424	4257		3.2	"	255	"		
		07:00	88° 00.958	59.734	4425	4253		8.5	"	85	"		
		07:30	01.468	59° 49.400	4426	4258		1.0	"	303	"	07:35 Station 78/212 WT 60 sec	
		08:53	01.365	56.161	4426	4261		0.6	"	89	"	Driftfahrt wegen ungenügender Sichtweite WT 0	
		09:43	01.114	58.443	4426	4260		0.0	"	307	"	Zweiter Versuch 78/212 WT 60 sec	



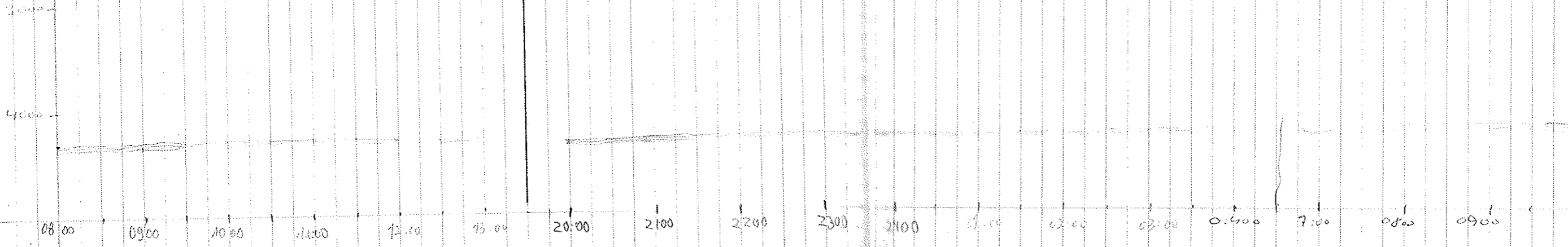
DATE	UTC	LAT ON	LONG °	PS DEPTH	HS DEPTH	RANGE	SPEED	MODE	COURSE	WATCH	CORRECTIONS
19.08.11	23:40	88° 1.505 N	59° 23.416 E	4425.4	4264.1	3000-5000	2.7	QE	318.9	Tina	Station PS781212-10 beendel, WT 0
	24:00	88° 3.034	59° 12.893	4424	4259.6	-11-	6.1	-11-	13.4	-11-	
20.08.11	00:30	88° 6.440	59° 32.000	4490.1	4449.2	-11-	7.7	-11-	353.3	-11-	
	01:00	88° 9.386	59° 9.574	4422.0	4258.4	-11-	6.8	-11-	317.5	-11-	
	01:30	88° 12.366	58° 59.580	4423.4	4260.2	-11-	6.2	-11-	357.4	-11-	
	02:00	88° 15.139 N	058° 29.285 E	4427.3	4270.9	-11-	1.7	-11-	272.2	Jens	
	02:30	88° 18.101 N	058° 49.354 E	4422.2	4273.2	-11-	4.8	-11-	359.2	"	02:50 stuck in ice
	03:00	88° 19.558	059° 6.478	4421.1	4275.4	-11-	1.7	-11-	342.2	"	
	03:30	88° 22.162	058° 42.606	4420	4276.7	-11-	4.5	-11-	19.1	"	
	04:00	88° 22.866	059° 7.785	4422	4275.8	-11-	0.6	-11-	32.6	"	04:00 Station 781213 WT 60
20.08.11	06:46	88° 23.469 N	59° 12.754 E	4415	4261	"	1.3	"	94	NL	781213 Stationsende WT 0
	07:30	26.415	55.618	4420	4255	"	5.3	"	7	"	
	08:00	88° 28.526 N	60° 13.620	4421	4254	"	4.5	"	1	"	08:12 stuck in ice
	08:30	29.995	17.603	4422	4258	"	5.8	"	349	NL	
	09:00	30.768	05.730	4422	4255	"	4.3	"	47	"	
	09:30	33.376	15.209	4420	4062	"	6.1	"	344	"	
	10:00	36.232	14.507	4418	4255	"	6.5	"	24.1	Hoo	
	10:30	38.893	38.390	4455	4258	"	6.1	"	16.1	"	
	11:00	41.006	53.293	4415	4253	"	5.4	"	350	"	
	11:30	42.767	61° 0.403	4414	4248	"	3.9	"	331.2	"	
	12:00	44.920	60° 39.483	4413	3120	"	4.7	"	335	"	
	12:30	47.023	59° 52.451	4418	4284	"	3.8	"	314	"	12:46 station 781214 WT 10
	16:15	88° 47.614 N	060° 20.610 E	4412	4250	"	4.2	"	95	Tina / Minko	781214 beendel WT 0s
	16:30	88° 48.181	060° 22.423	4254.2	4337.4	"	3.9	"	270.2	-11-	
	17:00	88° 50.434 N	060° 05.253 E	4411.7	4249.7	"	6.1	"	353.3	-11-	
	17:30	88° 53.080	059° 48.357	4408.0	4246.8	"	3.8	"	21.3	"	
	18:00	88° 55.394 N	059° 49.058 E	4403.1	4241.7	"	6.5	"	352.0	-11-	
	18:30	88° 58.658	059° 10.738 E	4400	4239	"	2.8	"	357.8	Jens	
	19:00	89° 0.923	059° 6.949 E	4398	3859	"	3.2	"	72	"	
	19:30	89° 3.105	059° 44.723 E	4398	4156	"	5.9	"	354.8	"	
	20:00	89° 5.576	059° 20.388 E	4385	4184	"	3.8	"	24.2	"	
	20:30	89° 8.351	059° 44.732 E	4389	4228	"	7.1	"	349.6	"	
	21:00	89° 11.195	059° 37.576 E	4384	4223	"	6.0	"	30.2	"	21:24 station 781215
21.8.11	06:07	89° 10.693 N	061° 19.200 E	4386	4227	3000-5000	0.4	QE	38	NL	Stationsende 781215 WT 0
	06:35	11.888	60° 30.000	4383	4220	"	4.7	"	322	"	
	07:00	13.979	59° 49.622	4367	4218	"	2.9	"	298	"	
	07:30	15.848	60° 20.272	4373	4301	"	5.2	"	22	"	
	08:00	18.418	33.808	4375	4267	"	3.6	"	13	"	08:15



DATE	TIME	LATON	LONGO	PT DEPTH	HIS DEPTH	RANGE	SPEED	MODE	COURSE	WIND	REMARKS
21.8.10	08:30	089°19.105	060°20.692	4372.3	4211.1	3000 - 5000	1.2	QE	15.18		
	09:02	21.351	15.688	4366	4209	"	4.6	"	352		
	09:30	89°23.351N	060°35.254E	4362.5	4197.1	"	4.9	"	15	Mirko	
	10:00	89°26.116	060°41.474	4374.5	4245	"	7.0	"	93	Hav	10:28 stuck in ice
	10:30	89°27.544	060°46.940	4335	4194	"	1.3	"	145	"	
	11:00	89°29.139	060°57.390	4417	4280	"	4.0	"	47.0	"	
	11:30	89°30.767	060°46.940	4024	4264	"	4.7	"	24.4	"	11:48 stuck in ice
	12:00	89°31.557	060°42.450	4390.5	4127.3	"	2.6	"	320.6	"	
	12:30	89°33.476	060°47.449	4341	4184	"	5.2	"	6.2	"	
	13:00	89°35.336	061°02.386	4335	3942	"	5.2	"	52.3	"	
	20:03	89°35.378	061°10.611	4344.9	4184.1	"	3.6	"	252.1	Tina	13:29 station 781211 WT 60
	20:30	89°37.006	061°52.155	4334.9	4174.5	"	2.3	"	211.6	-11-	PS 781216 - 4 beendet WT 0
	21:00	89°37.853	062°10.883	4330.4	4175.3	"	4.6	"	24.7	-11-	
	21:30	89°39.552	064°04.873	4330.2	4303.6	"	4.4	"	64.7	-11-	
	22:00	89°41.071	065°06.071	4323.2	4168.6	"	4.4	"	23.2	Hav	
	22:30	89°42.437	069°16.552	4326	4168.4	"	3.4	"	59.2	"	22:53 stuck in ice
	23:00	89°43.570	071°31.599	4320	4161.9	"	1.1	"	300.5	"	
	23:30	89°45.164	069°43.147	4319.9	4161.1	"	4.6	"	5.5	"	
22.8.10	24:00	89°47.415	070°23.028	4313.6	4160.2	"	6.3	"	1.9	"	
	00:30	89°49.609	071°12.842	4302.5	3949.9	"	4.6	"	331.1	"	
	01:00	89°51.785	071°53.939	4281.9	4385.9	"	4.6	"	45.1	"	
	01:30	89°54.270	075°45.447	4294.1	4135.8	"	4.3	"	26	"	
	02:00	89°56.269	086°47.257	4288.8	4145	"	3.8	"	56.3	"	02:07 stuck in ice
	02:30	89°57.420	088°14.269	4284.6	4108.5	"	1.8	"	56.5	"	02:56 stuck in ice
	03:00	89°57.133	100°30.000	4281	4286	"	1.0	"	26.4	Jens	
	03:30	89°57.513	109°36.36	4275.6	4275	"	2.5	"	62	"	03:30 stuck in ice
	04:00	89°57.683	110°59.093	4276	4270	"	2.9	"	22.1	"	
	07:09	57.915'	107°58.631' E	4280	4120	"	2.6	"	87	NL	04:15 Station 781214 WT 60
	08:04	89°50.004	113°55.18 W	3645	4107	"	5.0	"	260	Jens	07:09 End of station WT 0
	09:00	89°58.296	169°22.313 E	4270	4117	"	0.1	"	242	Jens	08:28 stuck in ice
	09:30	89°57.487	155°19.116 E	4271	4111	"	2.0	"	209	"	05:55 stuck in ice
	10:00	57.631	160°03.419' E	4274	4116	"	0.8	"	333	NL	09:33 stuck in ice



Chadwell



DATE	UTC	LAT <sup>N</sup>	LONG <sup>°</sup>	PS DEPTH	HS DEPTH	RANGE	SPEED	GRADE	COURSE	WATCH
23.8.17	13:55	089°50.870N	056°4.02E	4304	4147	3000-5000	1.3	RE	108.6	Mirko
	14:30	89°51.906N	050°29.873E	4223.6	4144.8	"	6.4	"	285.9	"
	15:00	89°54.053N	50°45.901E	4283.0	4128.6	"	6.7	"	51.5	"
	15:30	89°55.475N	32°17.388E	4288.3	4211.3	"	2.1	"	85.5	"
	16:00	89°56.255N	011°20.885E	4077.7	3816	"	4.1	"	300	JENI
	16:31	89°57.114N	078°42.308W	4118	4134	"	5.6	"	264	"
	17:00	89°58.083N	042°52.992W	4269	4112	"	6.2	"	264	"
	17:30	53.060'	55°46.705W	4260	4100	"	6.0	"	215	NL
	18:00	50.827	65°44.990W	4251.6	4097.9	"	3.3	"	224	How
	18:30	49.098	67°24.360W	3877.5	4089.8	"	4.8	"	201.8	"
	19:00	46.492	72°13.212W	4233.5	4050.2	"	4.4	"	244.6	"
	19:30	44.482	80°37.341W	4232.7	3902.1	"	2.7	"	243.9	"
	20:00	42.771	86°38.920W	4032.8	4070.5	"	5.7	"	205.2	"
	20:30	41.219	94°58.990W	4242.2	4082.2	"	6.4	"	277.3	"
	21:00	40.032	104°31.147W	4243.8	4080.4	"	7.0	"	255.1	"
	21:30	38.331	112°18.645	5152.6	4169.4	"	0.7	"	254.1	"
	22:00	089°36.395	115°12.589W	4245.3	4130.3	"	0.7	"	63.3	Tina
24.8.17	01:00	089°37.504	115°15.555W	4245.5	4088.1	"	1.1	"	57.7	"
	01:30	089°35.583	117°32.304W	4243.2	4086.3	"	6.9	"	185.5	"
	02:00	089°33.535	118°49.660W	4237.9	4080.0	"	7.2	"	252.2	"
	02:30	89°31.504	121°26.314W	4232	4074	"	3.2	"	188	Jeni
	03:00	89°29.890	118°50.446	3446	3733	"	5.8	"	153	"
	03:30	89°28.487	117°39.669	3239	2993	2500-4500	4.4	"	206	"
	04:00	89°26.276	119°41.321	3699	3686	2000-4000	6.6	"	209	"
	04:30	89°23.970	120°21.306	2397	2306	1500-3500	6.5	"	113	"
	05:00	89°22.355	117°28.559	2082	2896	"	4.5	"	150	"
	05:30	89°21.089	115°59.320	2488	3682	"	3.6	"	116	"
	06:00	19.823	114°45.073	2559	2466	"	5.6	"	186	NL
	06:33	17.183	115°10.872	2494	2405	"	2.3	"	355	"
	07:00	16.055	02.340	?	?	"	4.6	"	190	"
	07:46	14.931	116°44.476	1771	1701	1000-3000	0.0	"	40	NL
	13:50	89°16.449	117°5.964	2338	2248	"	6.3	"	8	Jeni
	14:00	89°16.152	116°48.365	2225	2339	"	6.0	"	173	"
	14:30	89°15.379	116°13.664	1910	1850	"	0.3	"	84	"
	15:30	89°15.633	115°02.233	2317	1950	"	0.6	"	124	"
	16:00	15.778	12.218	2029	2000	"	0.3	"	350	NL
	16:30	89°15.484	114°32.803	2114	2125	"	3.4	"	138	Jeni
	17:00	89°15.237	114°56.563	1898	1815	"	6.9	"	359	"

STATION 78/210 beendet WT 0

15:38 Schiff skit, 15:34 Schiff fährt wieder

22:07 PS 78/219 WT 60

01:00 PS 78/219 beendet WT 0

Fuss Comandant Ridge

03:05 Edge 2500-4500

03:15 Stuckwice

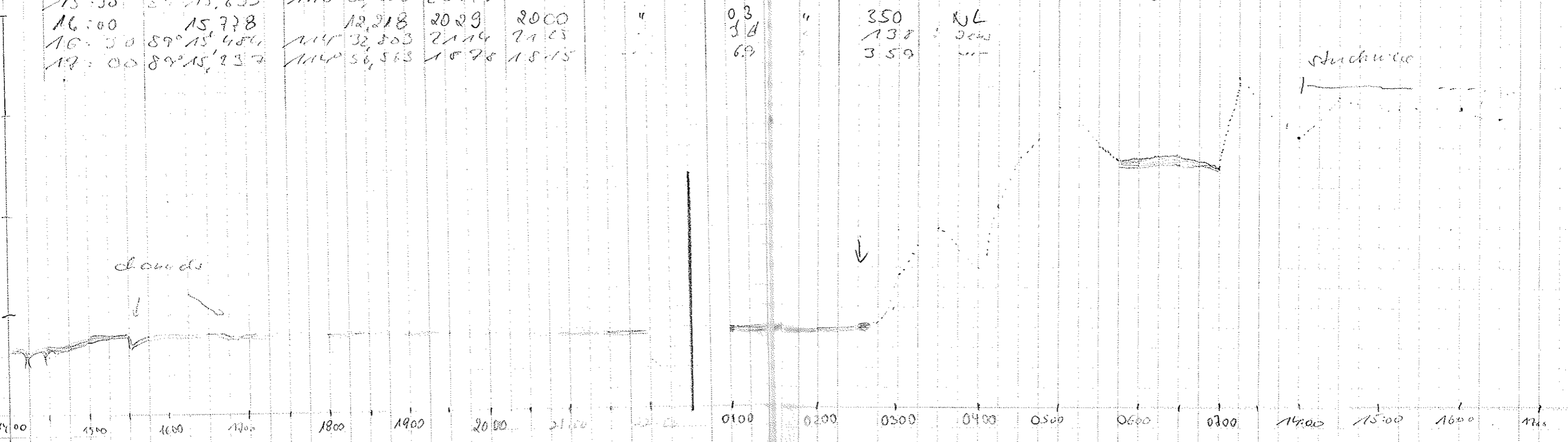
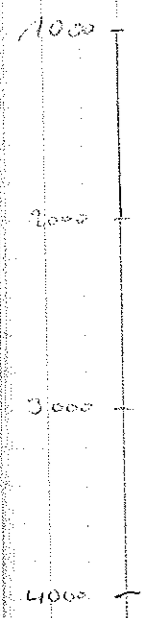
03:35 Range 2000-4000

05:05 Stuckwice

Station 78/220 WT 30 07:35

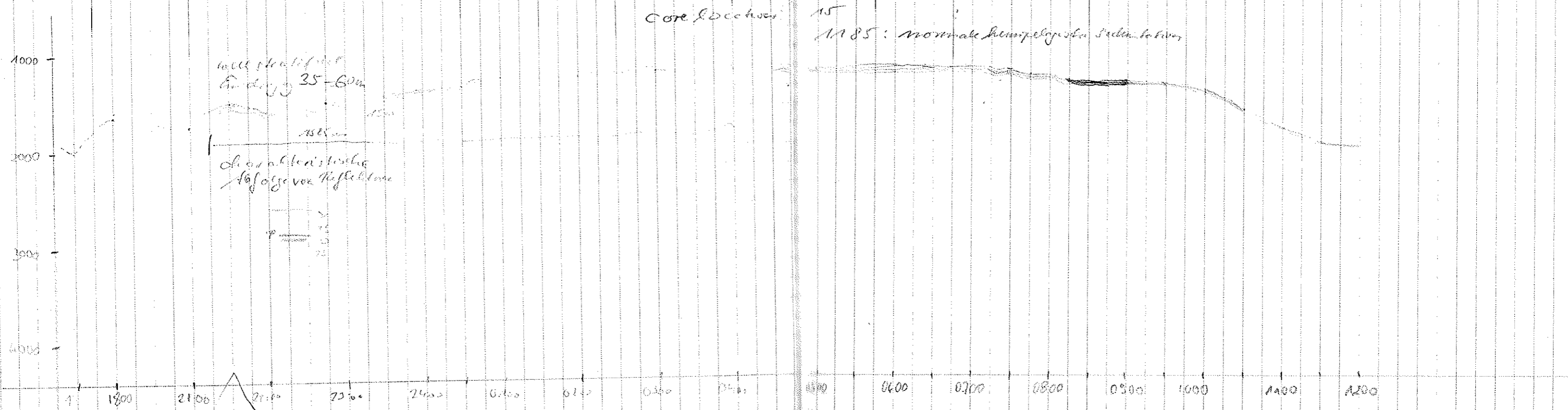
Stuckwice beendet 13:50 WT 0

14:10 Stuckwice

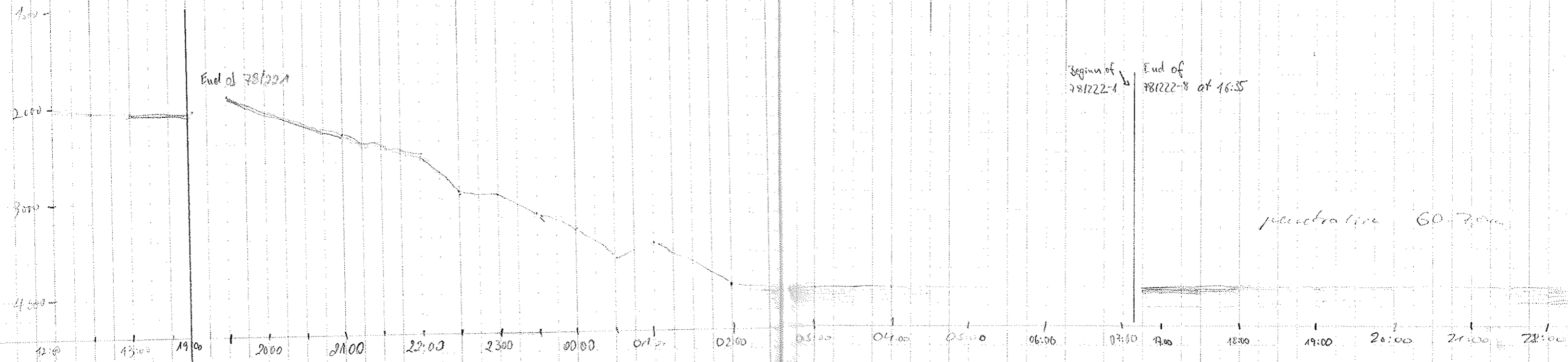




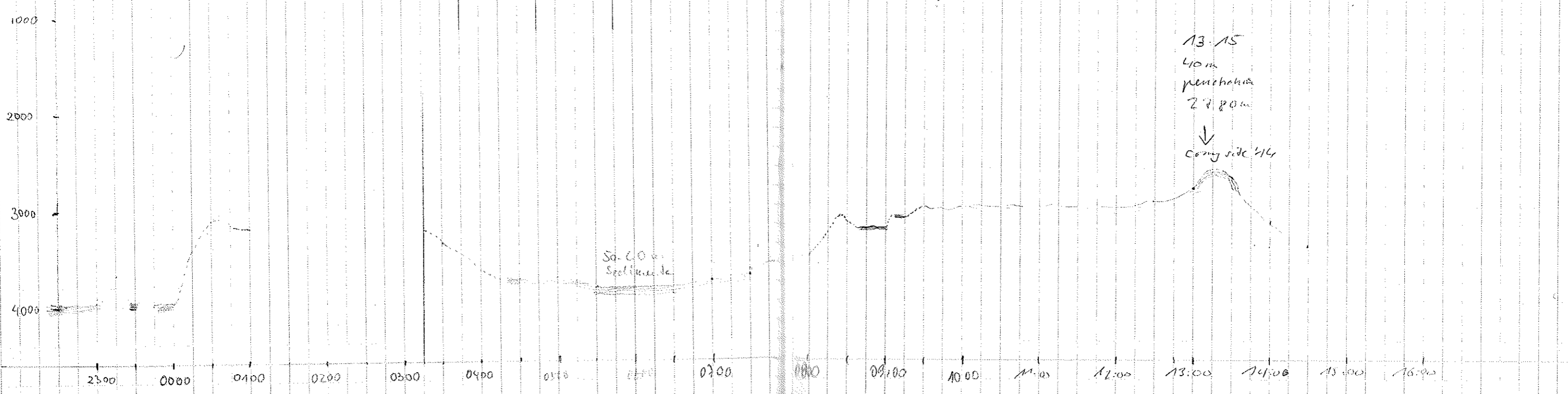
DATE	UTC	LAT ON	LONG°	PS DEPTH	LIS DEPTH	RANGE	SPEED	MODE	COURSE	W. POINT	COMMENT
24.08.11	17:30	089° 14.840 N	114° 20.901 W	2044.7	1939.2	1000-3000	0.2	QE	248.8	Tina	
	18:00	089° 14.572	115° 26.954	1658.7	1600.3	-11-	0.2	QE	11.4	-11-	PS 781221-1 WT 30 (18:03)
	21:00	089° 14.527	115° 0.167	1787	1733.8		5.7	QE	23.2		18:30 MWC of life
	21:30	89° 15.180	115° 15.865	1555	1499		25	QC	292		MWC
	22:00	89° 12.480	115° 18.285	1607			15	QC	252		10:50
	22:30	89° 13.599	115° 24.191	1606	1567		23	QE	142		
	23:00	89° 12.431	115° 26.875	1529	1483		23	QE			
	23:30	89° 12.086	115° 26.656	1521	1415		27	QC	194		20:34 Start new bucket W10
25.08.11	24:00	89° 11.927	115° 26.643	1502	1448		12	QC	151		21:12 Start in ice - 21:55
	00:30	89° 10.350	115° 26.073	1393	1341		48	QE	196		21:01 Start in ice
	01:00	89° 8.692	116° 19.267	1295	1244		68	QC	240		21:46 Start in ice
	01:30	89° 7.421	116° 42.216	1287	1279		21	QC	168		25:00 Start in ice 23:08/23:35/23:40/23:56/00:16
	02:00	89° 6.492	116° 42.216	1270	1270		64	QC	330		00:41/01:12/01:25/1:50/2:00-3:00 Start in ice
	02:30	89° 6.393	116° 42.216	1267	1260		38	QC	181		2:21/4:10/14:50
	03:00	89° 5.987	116° 50.517	1255	1206		16	QE	198		
	03:30	89° 5.106	116° 3.679	1215	1179		11	QC	156		
	04:00	89° 4.138	116° 15.365	1230	1185		53	QC	157		
	06:00	89° 4.052	116° 01.981	1211	1180		21	QC	76		
	05:00	89° 3.780	116° 0.772	1213	1167		38	"	"		
	05:30	89° 03.002 N	115° 22.263 W	1198	1155		1.9	"	132	NL	
	06:00	02.390	01.766	1191	1156		1.3	"	134	"	
	06:30	01.904	114° 30.932	1187	1142		3.4	"	208	"	
	07:00	01.374	114° 51.863	1189	1143.3		2.4	"	8.1	Tina	
	07:30	88° 59.600 N	114° 22.100 W	1294.2	1245.5		4.4	"	175.9	-11-	7:01 Start in ice
	08:00	88° 59.327	114° 34.457	1302.2	1253.9		2.0	"	30.3	-11-	7:58 " 17:54/18:16/18:28
	08:30	88° 58.981	114° 43.876	1353.9	1255.0		4.8	"	167.3	-11-	
	09:00	58.781	30.572	1357			2.4	"	131	NL	
	09:30	57.980	01.078	1400	1348		3.8	"	199	"	9:18 Start in ice
	10:00	57.179	34.146	1482.1	1428.8		1.9	"	34.7	Hao	10:31 Start in ice 11:00/11:33/11:42/11:20
	10:30	56.499	115° 03.613	1750	1688.2		2.1	"	237.4	"	11:28/11:36/11:44/11:46/11:53/12:00/12:09/12:14
	11:00	56.270	115° 24.307	1777	1732.9		1.8	"	242	"	12:19/12:23/12:29/12:34/12:39/12:44/12:49/12:56
	11:30	55.718	116° 02.833	1988	1947.5		3.1	"	214	"	
	12:00	55.574	116° 09.871	2066.3	1939.3		0.2	"	356.4	"	



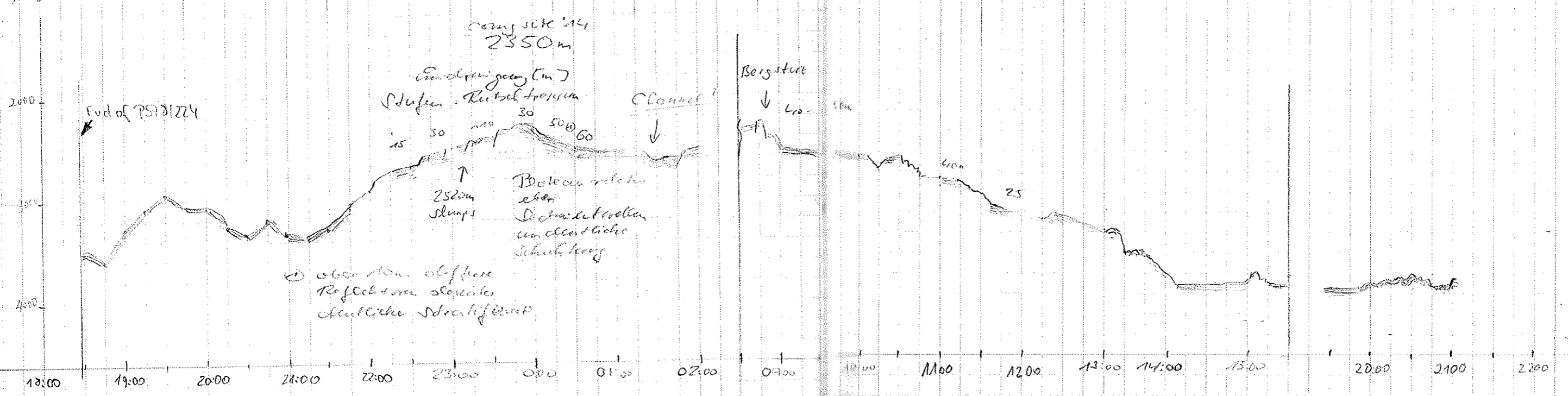
16 DATE	UTC	LAT °N	LONG °	PS DEPTH	HS DEPTH	RANGE	SPEED	MODE	COURSE	WATCH	COMMENT
25. 8. 11	12:30	88° 55.374 N	116° 12.070 W	1531	1820.1	1000 - 3000	1.7	RE	20.0	Hao	
	13:00	55.410	12.588	2045.7	1964.7	"	3.9	"	181.4	"	
	13:30	55.409	12.589	2078.2	1970.5	"	0.2	"	3.4	"	
	13:48	88° 55.478 N	116° 11.933 W	2037	1960	"	3.6	"	14	UL	St. 781221 WT 630
	19:34	88° 56.176 N	116° 11.426 W	2529	1832	"	2.1	"	229	UL	Station - 781221 WT 0
	20:12	56.009	12.489	1940	1966	"	4.0	"	33	UL	MUC NL 10KG : drift in the general flow
	20:55	53.986	118° 12.534	2311	2221	"	5.8	"	63	"	
	21:33	54.262	59.094	2294	2210	"	3.0	"	268	"	
	22:00	52.693	120° 08.699	2530	2493	"	16.1	"	223	"	
	22:38	88° 52.110	121° 49.727	2906	3320	1500 - 3500	4.1	"	67	Jens	
	23:00	88° 51.900	122° 22.709	2982	2829	2000 - 4000	2.5	"	255	"	22.55 stuck in ice
	23:30	88° 51.771	122° 33.521	3194	3071	"	2.4	"	254	"	
26. 8. 11	24:00	88° 51.681	123° 23.649	3348	3414	"	0.4	"	71	"	00.25 stuck in ice
	00:30	88° 50.795	124° 01.164 W	3653	3262	2500 - 4500	2.1	"	289	"	
	01:00	88° 50.842	124° 03.650 W	3522	3414	"	2.0	"	80	"	
	01:30	88° 49.825	125° 47.624	?	?	"	20	"	203	"	01:35 stuck in ice
	02:00	88° 48.829	126° 24.853 W	3986	3905	"	4.9	"	179	"	
	02:42	88° 46.713	128° 35.486	4001	3855	"	5.8	"	233	"	
	03:00	88° 45.683	129° 10.846	4000	4134	"	4.0	"	191	"	
	03:30	88° 44.361	128° 28.183	4000	3860	"	2.5	"	125	"	
	04:00	88° 43.082	128° 56.830	3932	3855	"	4.1	"	232	"	
	04:30	88° 41.964	129° 11.413	3995	3634	"	4.3	"	352	"	04.50 Station 781222 WT 60
	06:00	88° 41.063	129° 09.654	4000	3850	"	1.8	"	265	"	abandoned WT 0
	06:30	88° 43.624 N	128° 33.969 W	3991	3852	"	5.2	"	31	NL	
	07:00	88° 44.121	128° 14.912	4001.7	3853.8	"	0.2	"	36.5	Tina	7:06 Station 781222 -1 WT 60
	16:35	88° 49.799 N	128° 16.735 W	4001.1	3854.0	"	0.2	RE	17.8	Hirko	End of 781222-8, WT=05, stuck in ice until 16:51
	17:00	88° 45.082 N	128° 28.137 W	4000.6	3825.0	"	2.8	"	265.1	"	
	17:30	88° 43.277 N	129° 15.421 W	4221.9	3981.7	"	5.2	"	178.0	"	
	18:00	88° 42.090 N	130° 05.780 W	3999.3	3787.8	"	2.6	"	254.0	"	
	18:30	88° 41.614	130° 34.948	3999	3501	"	2.0	"	206	JH	
19:00	88° 39.428	131° 32.156	3994	4007	"	6.0	"	191	"		
19:30	88° 38.103	131° 37.981	3998	3631	"	4.4	"	231	"		
20:00	88° 36.868	132° 15.890	?	3802	"	4.4	"	166	"	20:15 stuck in ice	
20:30	88° 36.187	133° 54.244	3996	3793	"	3.7	"	247	"	20:32 stuck in ice	
21:00	88° 35.040	134° 38.952	3997	3850	"	0.3	"	137	"	21:02 stuck in ice	
21:30	88° 33.154	134° 01.739	4078	4077	"	5.0	"	225	"		
22:00	88° 32.337	135° 11.586	3995	3842	"	0.5	"	111	"	stuck in ice	



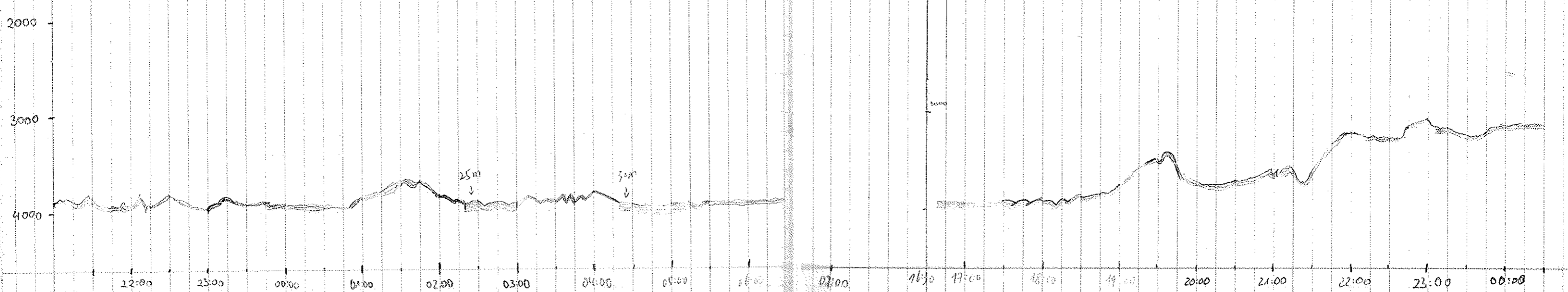
DATE	UTC	LATITUDE	LONGITUDE	PS	DELTA	HIS	DELTA	RANGE	SPEED	MODE	COURSE	WATCH	COMMENT
26.08.11	22:30	088°31.452N	135°18.862W	3984.0	4246.5	2500	4500	3.2	QE	192.0		Tina	
	23:00	88°30.442	135°30.910W	3976.9	3825.9			6.4	-  -	258.2		-  -	
	23:30	88°30.103	137°22.424	3775.2	3833.3			5.7	-  -	241.4		-  -	
	00:00	88°29.815	138°48.224	3975.1	3829.5			6.6	-  -	222.4		-  -	
27.08.11	00:30	88°28.245	140°21.499	3266.6	3509.6			6.6	-  -	223.8		-  -	
	01:00	88°27.088	141°09.526	3217.1	3401.8			0.2	-  -	200.9		-  -	1:00 PS 781 223-1 WT 60
	03:16	88°27.436	141°11.827W	3218.7	3094.8			3.5	"	250.9		Had	03:15 station ended WT 0
	03:30	88°26.642	141°35.395W	3399.3	3251.7			5.6	"	251.8		"	03:19 stuck in ice
	04:00	88°25.309	142°59.876W	3629	3475.2			3.3	"	230.6		"	04:19 stuck in ice
	04:30	88°23.985	144°01.798W	3781	3623			6.1	"	183.6		"	
	05:00	88°21.813	144°12.183	3775	3635.1			5.8	"	218.1		"	
	05:30	88°19.316	145°25.764	3855.2	3662			6.9	"	230.8		"	
	06:00	88°17.269' N	146°24.269' W	3796	3654			6.3	"	234		NL	
	06:32	15.624	45.786	3794	3658			6.8	"	275		"	
	07:00	14.629	47.712	3780				6.1	"	205		"	07:27 stuck in ice
	07:30	88°12.216	148°43.529W	3718	4085			5.7	"	220		Dem	
	08:00	88°11.019	149°21.154W	?	?			6.1	"	195		"	
	8:30	09.096	46.598	3225	3107			4.1	"	187		NL	
	9:00	08.078	59.844	3174				6.5	"	175		"	
	9:30	06.760	150°21.630	3090	2981			3.4	"	93		"	
	10:00	88°7.426	149°08.625	2969	3000			1.7	"	5.8		DEMS	10:15 stuck in ice
	10:30	88°7.489	148°18.038	3082	-			4.9	"	130		"	
	11:00	88°5.571	147°52.080	3009	2999			3.9	"	159		"	11:10 stuck in ice
	11:30	88°4.511	147°53.222	3819	3301			3.5	"	246		"	
	12:00	88°4.446	147°52.030	3027	3021			0	"	260		"	
	12:30	88°4.393	147°43.099	2970	2856			4.9	"	253		"	
	13:00	88°4.062N	148°18.845	2813	2708			5.9	"	235		"	stuck in ice 12:35
	13:30	88°4.211N	149°35.009 E	2817	2706			6.2	"	272		"	stuck in ice 12:50
	14:00	88°3.892N	150°57.805 E	3172	?			4.1	"	245		"	
	14:30	88°3.679N	151°58.991W	3491.6	3354.1			3.9	"	241.0		Tina	PS 781 224-1 WT 60 (14:34)



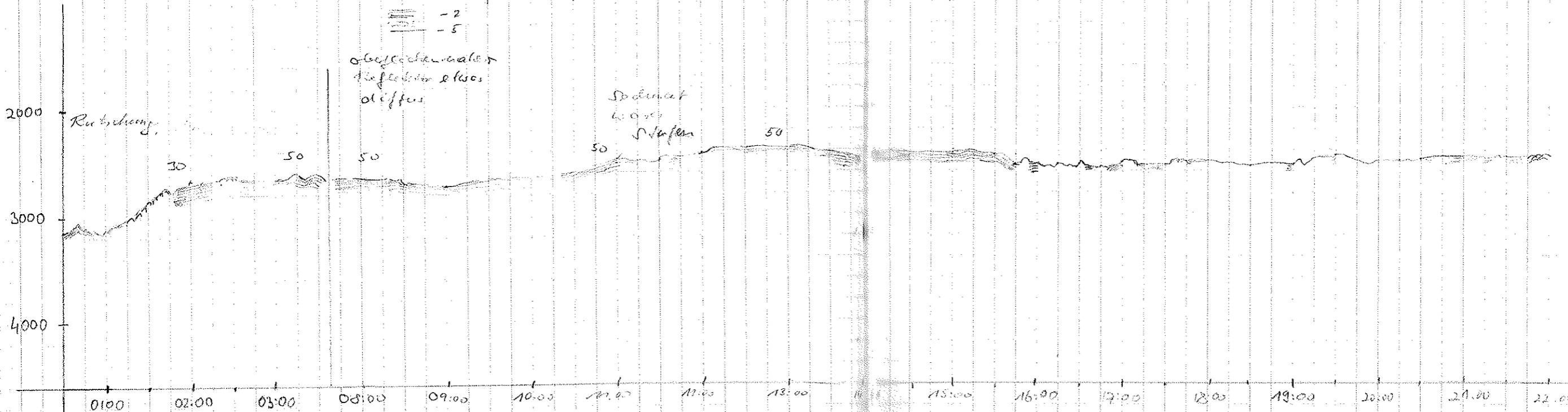
DATE	UTC	LAT °N	LONG °	PS DEPTH	IN DEPTH	RANGE	SPEED	MODE	COURSE	W BTCH	COMMENT
27.08.11	18:27	88° 3.505N	152° 5.471W	3477.1	3353	2500-4500	0.0	QE	287.5	Mirko	PS781224 end, wt=0s
	19:00	88° 1.832N	152° 3.970W	4452.8	4159.8	"	5.7	"	152.5	"	
	19:30	87° 59.648N	151° 37.621W	1880.8	2980.1	"	4.8	"	236.9	"	
	20:00	87° 57.369N	152° 6.651W	3079.7	2968.3	"	6.2	"	234.8	"	
	20:30	87° 55.601N	152° 48.874W	3215.1	3038.4	"	1.0	"	133.8	"	
	21:00	87° 54.497N	153° 26.488W	3370.1	3106.1	"	4.4	"	251.8	"	
	21:30	87° 52.809N	154° 21.269W	3344.8	3190.3	"	5.3	"	198.0	"	
	22:00	87° 49.839	154° 27.779W	2903	2784	"	7.0	"	172.5	JENS	
	22:30	87° 47.809	154° 20.560W	2693	2611	2000-4000	5.1	"	19.5	"	23:05 station ice
	23:00	87° 45.279	154° 35.521W	2532	2609	"	3.0	"	20.7	"	
	23:30	87° 43.576	155° 3.116W	2431	?	"	3.9	"	20.6	"	
28.08.11	00:00	87° 41.416	155° 29.472W	2381	2414	"	5.7	"	20.0	"	
	00:30	87° 39.821	155° 56.195W	2439	2516	"	3.7	"	24.0	"	
	01:00	87° 38.786	156° 29.598W	2492	2398	"	0	"	21.8	"	Station ice
	01:30	87° 35.260	156° 59.121W	2645	2682	"	3.1	"	26.4	"	
	02:00	87° 39.428	157° 31.938W	2936	2348	"	0.4	"	26.0	"	02:01 station 78/225 WT 30
	02:30	87° 39.031	157° 49.677	2433	2372	"	3.9	"	25.6	"	02:27 station beendet
	03:00	87° 36.847 N	158° 26.589 W	2508	2416	"	3.4	"	19.0	JL	
	03:30	35.452	159° 01.429 W	2563	2475	"	4.6	"	23.4	"	
	10:00	87° 34.095	159° 27.899 W	2658	2360	"	4.2	"	17.5	JENS	
	10:30	87° 32.471	160° 16.549 W	2765	2648	"	6.4	"	22.5	"	10:57 station ice
	11:00	87° 30.935	160° 42.332 W	2912	2632	"	6.3	"	21.4	"	
	11:30	87° 29.371	161° 37.606 W	3115	2950	"	2.7	"	22.0	"	
	11:00	87° 29.230	162° 21.073 W	3218	3094	"	3.6	"	27.8	"	
	12:30	87° 27.342	162° 49.754 W	2285	3163	"	6.9	"	22.2	"	
	13:00	87° 25.168	163° 29.759 W	3409	3274	"	6.0	"	24.1	"	
	13:30	87° 23.442	164° 7.910 W	3646	3506	"	6.8	"	19.2	"	2500-4500 range 13.13
	14:00	87° 21.710	164° 39.207 W	3894	3362	"	4.6	"	17.5	"	
	14:30	87° 19.827	164° 46.803 W	3942	3295	"	0.0	"	33.5	"	Station ice
	15:00	87° 18.993	164° 41.619 W	3903	3926	"	5.8	"	18.2	"	1445 station ice
	15:30	87° 17.070	165° 16.240 W	3960	3814	"	0.3	"	24.9	"	1535 station 78/226
	19:34	87° 17.033 N	165° 20.060 W	3968.1	3818.0	2500-4500	1.7	"	276.2	Tina	PS 78/226 beendet WT 0
	20:00	87° 16.170 N	165° 19.968 W	3926.7	3782.2	"	0.2	"	298.9	"	
	20:30	87° 15.148 N	165° 9.312 W	3886.2	3744.0	"	1.7	"	196.3	"	
	21:00	87° 13.656 N	164° 58.816 W	3900.9	3756.4	"	6.9	"	102.1	"	



DATE	UTC	LAT °N	LONG °E	PS DEPTH	HS DEPTH	RANGE	SPEED	MODE	COURSE	WATCH	COMMENTS
28.08.11	21:30	087° 11.401 N	164° 11.106 W	3109.7	3700.1	2500-4500	4.5	QE	149.3	Tina	
	22:00	087° 32.557 N	163° 32.506 W	3929.4	4023.8	-11-	0.2	-11-	260.6	-11-	
	22:30	87° 7.976 N	162° 51.155 W	3786.6	3941.5	-11-	5.0	-11-	4.8	Mirko	
29.08.11	23:00	87° 6.598 N	162° 31.950 W	3916.3	3776.5	-11-	6.3	-11-	177.8	-11-	
	23:30	87° 4.644 N	161° 47.228 W	3944.2	4381.6	-11-	4.1	-11-	133.4	-11-	
	00:00	87° 3.158 N	161° 2.115 W	3920.2	3725.5	-11-	3.7	-11-	105.9	-11-	
	00:30	87° 1.857 N	160° 21.308 W	3952.3	3804.0	-11-	4.5	-11-	142.8	-11-	
	01:00	87° 0.920 N	159° 29.618 W	3890.1	3759.1	-11-	5.5	-11-	114.7	-11-	
	01:30	87° 0.318 N	158° 55.724 W	3747.4	3637.7	-11-	6.2	-11-	116.3	-11-	
	02:00	86° 59.728	158° 26.765 W	2956.7	4275.0	-11-	5.0	-11-	141.6	Hao	
	02:30	86° 58.032	157° 50.408	3923.4	3786.5	-11-	6.0	-11-	93.1	"	
	03:00	86° 56.484	157° 13.401	3929.9	3710.1	-11-	3.8	-11-	96.8	"	
	03:30	86° 55.480	156° 42.443	3882.9	3744.7	-11-	6.0	-11-	180.1	"	
	04:00	86° 53.843	156° 15.998	3577.5	3880.2	-11-	7.8	-11-	164	"	
	04:30	86° 52.237	155° 56.701	3940.5	3791.7	-11-	3.8	-11-	83.2	"	04:32 struck in ice
	05:00	86° 52.891	155° 49.492	3664.7	3793.5	-11-	2.2	-11-	103.8	"	
	05:30	86° 52.391	155° 18.837	3887.8	3744.6	-11-	1.1	-11-	118.1	"	05:41 struck in ice
	06:00	86° 52.079' N	155° 06.389' W	390.3	3778	-11-	2.6	-11-	316	NL	
	06:30	52.010	154° 59.750	3901	3760	-11-	1.5	-11-	312	"	
	07:21	51.650	155° 02.515	3926	3781	-11-	0.1	-11-	298	NL	St. 78/227 WT 60
	16:38	51.822	155° 05.533	3923.9	3779	-11-	0.7	-11-	107.3	Hao	station 78/227 ended WT 0
	17:00	51.683	155° 07.425	3919.6	3880.5	-11-	3.2	-11-	162.2	"	
	17:30	51.488	155° 34.966	3926.7	3486.7	-11-	5.4	-11-	175.2	"	
	18:00	49.858	154° 5.848	3996.3	4241.8	-11-	5.5	-11-	98.7	"	
	18:30	86° 47.748 N	153° 42.088 W	4053.1	3890.9	-11-	7.2	-11-	189.9	Mirko	
	19:00	86° 45.977 N	153° 12.808 W	4469.5	4228.4	-11-	7.0	-11-	122.5	-11-	
19:30	86° 43.849 N	152° 37.852 W	3510.3	3381.7	-11-	6.2	-11-	113.1	-11-		
20:00	86° 42.215 N	152° 2.268 W	3885.2	3800.7	-11-	5.7	-11-	159.9	-11-		
20:30	86° 39.833 N	151° 48.773 W	3711.5	3576.2	-11-	4.9	-11-	165.3	-11-		
21:00	86° 38.266 N	151° 18.322 W	3650.7	3514.9	-11-	2.0	-11-	111.1	-11-		
21:30	86° 37.070 N	150° 51.660 W	3584.0	3518.6	-11-	7.0	-11-	131.8	-11-		
22:00	86° 34.354 N	150° 26.121 W	3203.1	3082.7	-11-	6.5	-11-	157.2	-11-		
22:30	86° 33.196 N	150° 20.127 W	3228.0	3042.8	-11-	1.6	-11-	347.0	Tina	22:29 stuck in ice	
23:00	86° 31.889 N	150° 0.504 W	2875.6	2962.1	-11-	6.1	-11-	148.4	-11-		
23:30	86° 31.019 N	149° 18.014 W	2475.8	3103.9	-11-	2.3	-11-	153.9	-11-		
30.08.11	00:00	86° 29.149 N	148° 56.417 W	3170.8	3007.2	-11-	1.2	-11-	127.0	-11-	00:01 stuck in ice
	00:30	86° 27.397 N	148° 44.818 W	3140.5	3033.1	-11-	4.0	-11-	137.1	-11-	



DATE	UTC	LAT °N	LONG °	FS DEPTH	HS DEPTH	RANGE	SPEED	MODE	COURSE	WATCH	COMMENTS
30.08.11	01:00	086° 25.831 N	148° 16.717 W	3126.6	3078.1	2500-4300	7.0	QE	112.3	Tina	
	01:30	086° 23.563 N	147° 57.457 W	2888.2	2779.4	-	7.6	-	170.2	-	
	02:00	86° 20.762	147° 55.046	2742	2641	-	7.1	-	184.9	Jens	
	02:30	86° 20.030	147° 34.201	2681	2582	-	3.8	-	128	-	
	03:00	86° 18.305	147° 27.643	2697	2595	-	3.3	-	154	-	02:56 stuck in ice
	03:30	86° 17.606	146° 57.852	?	2640	2000-4000	3.2	-	102	-	03:10 range 2000-4000
	08:00	86° 17.261	146° 31.093	2754	2562	-	2.1	-	330	-	03:45 station 78° 22' W 7 30
	08:30	86° 16.586	146° 31.385	2681	2583	-	3.3	-	176	-	07:38 station Belmont
	09:00	86° 14.243	146° 24.967	2691	2591	-	1.2	-	208	-	07:50 stuck in ice
	09:30	12761' W	13.085' W	2661	2562	-	5.2	"	159	JSL	08:01 stuck in ice
	10:00	86° 12.144 N	146° 10.794 W	2641	2540	-	5.8	"	102	-	
	10:30	86° 12.093 N	146° 1.336 W	2602	2515	-	0.3	"	42	Jens	10:08 stuck in ice
	11:00	86° 11.344	145° 0.719 W	2529	2532	-	0.6	"	126	-	to
	11:30	86° 10.737	145° 31.214	2426	2335	-	0.1	"	305	-	10:35
	12:00	86° 9.437	145° 25.695	2401	2313	-	4.5	-	141	-	11:58 stuck in ice
	12:30	86° 7.832	145° 12.239	2294	2306	1500-2500	6.1	-	158	-	12:03 stuck in ice
	13:00	86° 7.339	145° 7.728	2398	2308	-	2.0	"	353	-	12:10 stuck in ice 12/12 range 1500-2500
	13:30	86° 7.286	145° 1.543	2401	2313	-	3.3	"	88	-	12:48 stuck in ice 12:58
	14:00	86° 7.442	144° 42.661	2458	2483	-	1.4	-	106	-	13:58 stuck in ice
	14:30	86° 7.347	144° 26.621	2351.0	2420.7	1500-3500	3.7	"	104.8	Tina	
	15:00	86° 6.357	144° 13.357	2188.4	2216.7	-	0.4	"	343.1	-	15:00 stuck in ice
	15:30	86° 5.124	143° 52.852	2427.5	2548.9	-	5.4	"	158.9	-	15:54 stuck in ice
	16:00	86° 2.788 N	143° 48.923 W	2544.6	2446.3	-	4.9	"	197.8	-	
	16:30	86° 1.317 N	143° 31.350 W	2533.2	2445.5	-	4.3	"	148.8	-	
	17:00	85° 59.303 N	143° 24.403 W	2541.9	2449.8	-	6.0	"	149.2	-	17:20 stuck in ice
	17:30	85° 57.828 N	143° 9.472 W	2495.7	2483.6	-	4.5	"	156.9	-	17:38 - 17:49 stuck in ice / 17:34
	18:00	85° 57.204 N	143° 7.768 W	2547.5	2418.4	-	0.3	"	250.1	Has	18:48 stuck in ice / 18:52 / 19:14 / 19:24 / 20:42
	18:30	85° 55.625 N	142° 52.401 W	2546.5	2454.4	-	4.7	"	117.8	"	20:50 / 20:55 / 21:04 / 20:48 / 21:54
	19:00	85° 54.424 N	142° 35.881 W	2506.5	2413.9	-	7.7	"	128.7	"	
	19:30	85° 53.414 N	142° 22.762 W	2445.6	2358.6	-	1.7	"	168.9	"	
	20:00	85° 51.841 N	142° 22.668 W	2516.3	2422.7	-	2.4	"	123	"	
	20:30	85° 50.130 N	142° 2.436 W	2491.7	2806.8	-	6.3	"	190.8	"	
	21:00	85° 49.234 N	141° 55.688 W	2301.1	2342	-	2.7	"	137.5	"	
	21:30	85° 48.376 N	141° 37.365 W	2473.2	2378.9	-	1.2	"	138.3	"	
	22:00	85° 47.948 N	141° 25.302 W	2458.8	2372.8	-	3.9	"	87.5	"	



DATE	UTC	LAT °N	LONG °	PS DEPTH	HIS DEPTH	RANGE	SPEED	MODE	COURSE	WATCH	COMMENTS
30.08.11	22:30	85° 47.068N	141° 9.812W	2409.3	2320.7	1500-3500	4.0	QE	144.5	Mirko	
	23:00	85° 45.735N	141° 5.214W	2383.9	2297.4	"	3.4	"	173.0	"	
31.08.11	23:30	85° 45.152N	140° 54.162W	2289.7	2330.0	"	2.7	"	135.0	"	23:51 stuck in ice
	00:00	85° 44.267N	140° 54.099W	2360.7	2272.8	"	0.6	"	13.1	"	23:58
	00:30	85° 43.859N	140° 53.750W	2349.8	2262.8	"	0.5	"	20.1	"	00:03 -4- / 00:07 stuck in ice / 00:12 stuck in ice
	02:30	85° 44.449	140° 46.230	2364	2366	"	4.1	"	136	Jens	00:26 " 100:31 station 781229-1 wt=60s
	03:00	85° 42.920	140° 40.297	2221	2158	"	0.3	"	143	"	02:28 station Beccollet
	03:30	85° 40.795	140° 43.361	2259	2176	"	1.1	"	148	"	03:00 stuck in ice 03:44 104.65
	04:00	85° 38.262	140° 39.205	2229	2148	"	1.2	"	100	"	
	04:30	85° 37.285	140° 32.842	2246	2128	"	6.7	"	127	"	04:50 stuck in ice
	05:00	85° 35.903	140° 25.940	2170	2401	"	4.6	"	144	"	
	05:30	85° 33.873	140° 18.094	1871	1741	"	5.3	"	133	"	
	06:00	85° 31.545' N	140° 16.288' W	1675	1719	"	5.4	"	257	NL	
	06:32	29.585	10.753	1638	1668	"	4.1	"	143	"	
	07:00	28.653	00.485	1779	1713	"	0.9	"	3	"	7:22 stuck in ice
	07:30	85° 28.355' N	140° 6.935' W	1797.6	2615.9	"	3.0	"	177.9	Tina	Es still clear signal ↓
	08:00	85° 26.910' N	140° 0.836' W	1829	1871	"	6.4	"	134	Jens	7:48 stuck in ice
	08:30	85° 24.523' N	140° 0.575' W	2009	1935	"	4.9	"	224	"	8:30 stuck in ice
	09:00	85° 23.889' N	140° 9.405' W	2038	2157	"	3.4	"	222	"	
	09:30	85° 23.165' N	140° 20.620' W	2072	1999	"	2.6	"	253	"	
	10:00	85° 23.236' N	140° 20.689' W	2062.3	1980.2	"	4.5	"	248.7	Tina	
	10:30	85° 22.054' N	140° 27.000' W	2128.7	2048.7	"	4.4	"	135.8	"	
	11:10	85° 20.054' N	140° 19.934' W	2098	2099	"	2.2	"	187	Jens	11:27 stuck in ice
	11:35	85° 18.915' N	140° 13.381' W	2097	2021	"	4.3	"	160	"	
	12:00	85° 18.264' N	139° 33.578' W	2124	2008	"	4.4	"	106	"	
	12:28	85° 17.253' N	139° 32.282' W	2072	2000	"	1.5	"	157	"	12:31 stuck in ice
	13:00	85° 15.515' N	139° 26.373' W	2036	1956	"	3.9	"	151	"	
	13:30	85° 14.361' N	138° 56.030' W	2023	1980	"	4.2	"	147	"	
	14:00	85° 12.252' N	138° 40.324' W	1844	1784	"	5.5	"	120	"	14:15 stuck in ice
	14:30	85° 10.353' N	138° 37.792' W	1864	1797	"	4.6	"	184	"	
	15:00	85° 9.063' N	138° 25.023' W	1853.7	1792.9	"	6.0	"	120.2	Tina	
	15:30	85° 6.584' N	138° 11.819' W	1907.4	2161.0	"	1.5	"	156.5	"	
	16:00	85° 5.783' N	137° 53.157' W	1908.3	1837.3	"	1.3	"	76.9	"	
	16:30	85° 4.654' N	137° 36.134' W	1890	1871	"	6.9	"	83	Jens	
	17:08	85° 37.221' N	137° 24.228' W	1902	1837	"	2.0	"	197	"	17:26 station 781230
19.11	02:00	85° 33.98' N	137° 25.24' W	1773	1943	"	6.3	"	232	"	Ends station
	02:30	85° 07.86' N	137° 10.01' W	1926	1897	"	3.7	"	220	"	
	03:02	84° 59.04' N	137° 42.89' W	1857	1780	"	4.2	"	153	"	03:10 stuck in ice
	03:30	84° 57.786' N	137° 26.113' W	1780	1707	"	5.3	"	201	"	03:43 stuck in ice
	04:00	84° 56.157' N	137° 38.424' W	1691	1628	"	4.3	"	201	"	04:10 stuck in ice
	04:30	54.586	54.260	1626	1600	1000-3000	2.1	"	161	NL	04:45 station 781231

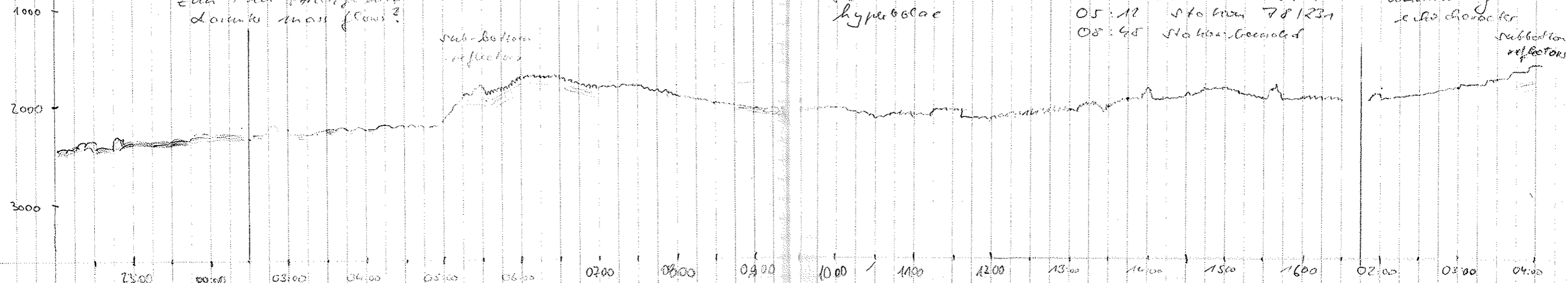
2 km Tect. stratification  
dominates mass flows?

sub-bottom  
reflector

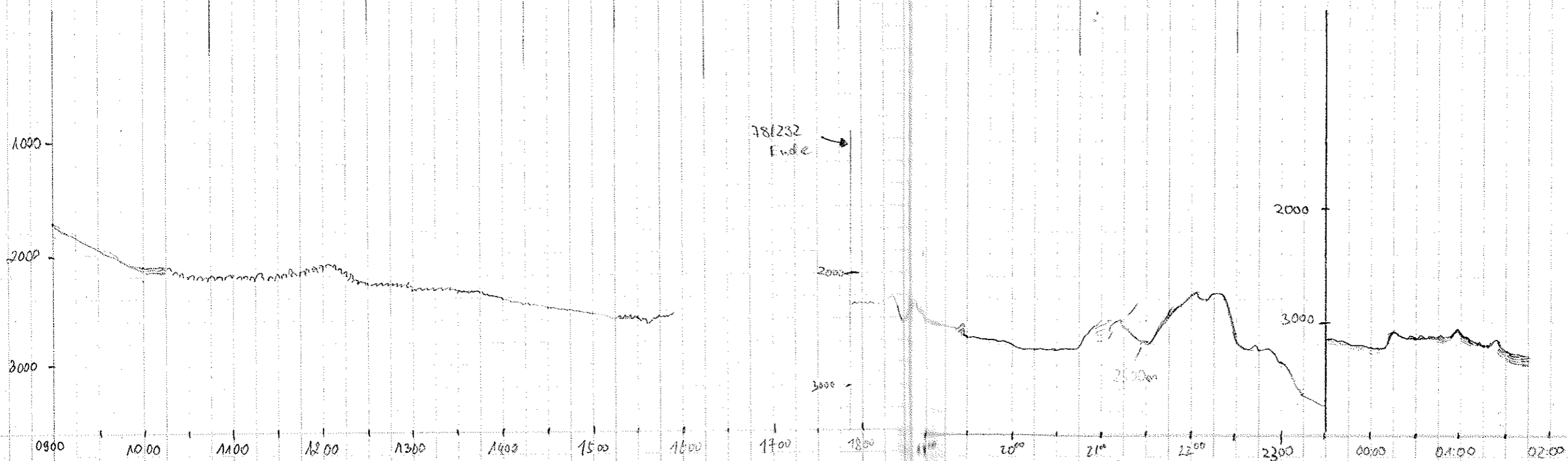
side echo  
hyperbolae

undulate top  
sediment character

sub-bottom  
reflector

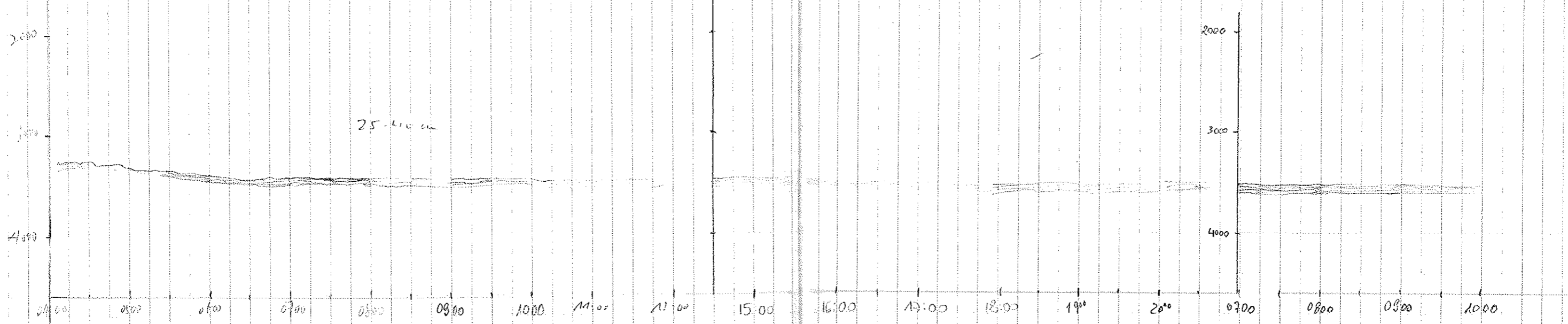


DATE	UTC	LAT °N	LONG °	PS DEPTH	HS DEPTH	RANGE	SPEED	MODE	COURSE	WATCH	COMMENTS
01.09.11	9:00	84° 54.151' N	137° 38.694' W	1730	1666	1000-3000	0.3	QE	140	XL	
	9:30	53.003	22.094	1922	1853	"	5.5	"	142	"	
	10:00	51.792	05.034	2102	2025	"	3.1	"	140	"	
	10:30	50.277	136° 57.95.6	2129	2125	"	7.3	"	173	"	
	11:00	48.525	41.990	2187	2123	"	7.1	"	122	"	
	11:30	47.038	16.325	2200	2112	"	6.1	"	171	"	
	12:00	44.949	135° 58.525	2138	2114	"	5.4	"	166	"	
	12:31	42.308	48.148	2244	2162	"	4.9	"	162	"	
	13:02	84° 40.509	135° 41.442	2275	2186	"	6.0	"	169	JENI	
	13:30	84.38.600	135° 26.321	2348	2441	"	5.7	"	170	"	
	14:00	84.37.541	135° 16.400	2416	2128	1500-3500	0.6	"			range 1500-3500
	14:30	84° 35.494	135° 6.915	2483.7	2387.1	"	5.8	"	135.8	Has	13:46 stuck in ice
	15:00	84° 33.531	134° 48.372	2264.6	2376.1	"	0.4	"	117	"	14:47 stuck in ice
	15:30	84° 31.678	134° 35.323	2607.9	2511.4	"	3.2	"	117.9	"	15:43 stuck in ice
	15:53	84° 30.833	134° 32.495	2538.2	2434.7	"	0.3	"	109.3	"	15:52 station 78/232 start
	16:00	84° 29.907	134° 26.009	2504	2409.4	"	0.3	"	179.2	"	17:48 station 78/232 ended
	18:30	84° 27.527 N	134° 17.141 W	2464.3	2621.9	1500-3500	5.5	QE	164.0	Mirko	
	19:00	84° 25.115 N	134° 13.174 W	2662.5	2564.4	"	3.8	"	141.9	"	
	19:30	84° 22.733 N	134° 1.612 W	2740.4	2533.5	"	5.4	"	158.1	"	
	20:00	84° 20.525 N	133° 49.917 W	2651.2	2681.0	"	4.4	"	155.0	"	
	20:30	84° 18.121 N	133° 48.511 W	2801.6	2689.1	"	6.9	"	188.9	"	
	21:00	84° 15.852 N	133° 34.482 W	2659.5	2511.1	"	4.5	"	168.5	"	
	21:30	84° 13.711 N	133° 31.376 W	2675.0	2511.9	"	7.2	"	185.8	"	
	22:00	84° 11.266 N	133° 29.519 W	2208.8	2126.2	"	6.5	"	124.5	Tina	
	22:30	84° 8.362 N	133° 15.787 W	2536.0	2500.9	"	6.9	"	157.8	"	
	23:00	84° 5.480 N	133° 4.482 W	2976.5	2675.2	"	5.9	"	124.9	"	
	23:30	84° 2.756 N	132° 54.181 W	3144.9	3030.8	"	6.6	"	154.6	"	
02.09.11	00:00	84° 0.085 N	132° 42.006 W	3211.0	3100.9	"	5.9	"	161.1	"	00:19 stuck in ice
	00:30	83° 58.355 N	132° 36.682 W	3161.7	3090.1	"	1.9	"	3.0	"	
	01:00	83° 57.966 N	132° 49.969 W	3093.4	2981.5	"	5.6	"	184.3	"	
	01:30	83° 55.687 N	132° 33.439 W	3227.1	3107.1	2000-4000	6.5	"	92.5	"	range 2000-4000
	02:00										01:46 station 78/233-1 WT 60s

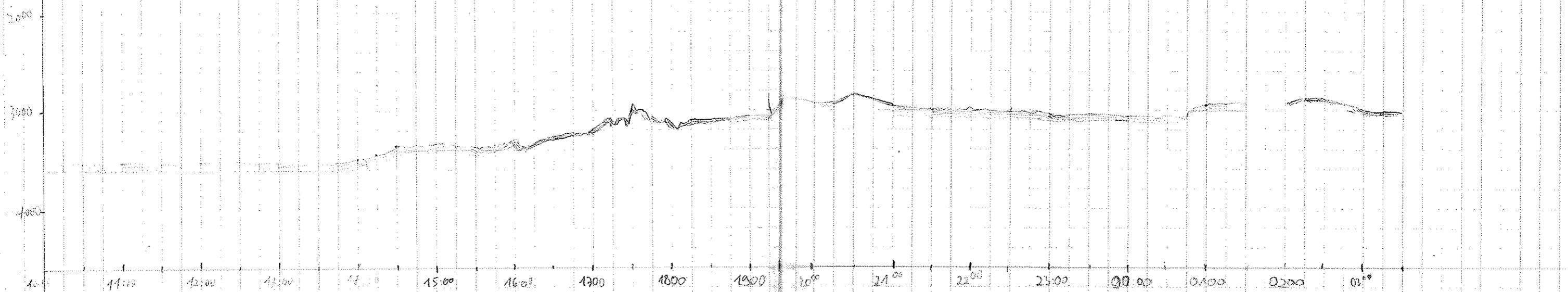




DATE	UTC	LAT °N	LONG °	PS DEPTH	HS DEPTH	RANGE	SPEED	MODE	COURSE	WATCH	COMMENTS	
02.09.11	04:13	83° 55.952 N	132° 21.323 W	3279.5	3160.8	2000 - 4500	1.5	QE	151.6	Har	04:13 station 78/233 ended WT = 2 04:45 stuck in ice / 04:58 /	
	04:30	55.279	132° 16.108	3279.3	3159.6	"	5.5	"	169	"		
	05:00	53.472	132° 15.392	3325	3207.2	"	4.0	"	160.4	"		
	05:30	50.976	132° 10.824	3555.6	3065.6	"	1.6	"	114.7	"		
	02.09.11	06:00	83° 48.560 N	132° 08.323 W	3406	3278	2500 - 4500	5.3	QE	170		NL
		06:30	46.257	09.482	3421	3295	"	6.4	"	175		"
		07:00	43.707	131° 52.524	3418	3292	"	6.9	"	188		"
		07:30	40.963	48.510	3425	3297	"	4.9	"	178		"
		08:00	38.500	42.578	3427	3297	"	7.1	"	147		"
		08:30	83° 36.857	131° 37.756	3428	3302	"	5.0	"	167		JH
		09:00	83° 34.888	131° 33.333	3430	3306	"	4.5	"	209		"
		09:30	32.815	28.782	3431	3306	"	5.9	"	151		NL
10:00		83° 30.135	131° 28.826	3446	3319	"	6.7	"	180	JH		
10:30		83° 27.580	131° 10.031	3461	3334	"	6.6	"	182	"		
11:00		83° 25.453	131° 6.443	3473	3360	"	0.0	"	164	"		
11:30		83° 25.010	131° 4.938	3475	3345	"	6.4	"	151	"		
12:05	83° 22.236	131° 1.260	3480	3380	"	0.5	"	52.5	"			
14:40	83° 22.715 N	130° 59.400 W	3480.2	3346.8	"	0.7	"	158.0	Tina			
15:00	83° 21.568 N	130° 59.102 W	3483.4	3353.3	"	4.2	"	151.3	"			
15:30	83° 20.174 N	130° 53.751 W	3486.3	3357.3	"	4.3	"	220.2	"			
16:00	83° 18.264 N	130° 49.566 W	3490.5	3363	"	3.8	"	173.6	Har			
16:30	83° 16.127 N	130° 39.962 W	3492.2	3362.8	"	1.9	"	167.3	"			
17:00	83° 14.025 N	130° 38.444 W	3496.3	3366	"	5.0	"	170.1	"			
17:30	83° 11.891 N	130° 34.894 W	3501	3370.4	"	2.7	"	162.6	"			
18:00	83° 9.628 N	130° 26.001 W	3501.6	3373.6	"	6.5	"	143.3	"			
18:30	83° 8.068 N	130° 19.558 W	3482.3	3371.0	"	7.1	"	160.0	Mirko			
19:00	83° 6.083 N	130° 19.135 W	3494.1	3386.1	"	5.8	"	209.5	"			
19:30	83° 4.580 N	130° 16.539 W	3506.1	3377.6	"	5.7	"	147.9	"			
20:00	83° 2.220 N	130° 1.759 W	3510.2	3380.9	"	3.2	"	130.8	"			
20:30	83° 1.850 N	130° 2.449 W	3511.8	3381.4	"	0.7	"	215.3	"			
03.09.11	07:00	83° 01.316 N	129° 53.424 W	3510	3380	2500 - 4500	0.1	QE	117	NL	20:40 ice station 7878/235-1 WT = 60s end of station WT = 0	
	07:30	01.015	130° 06.373	3513	3473	"	0.7	"	80	"		
	08:00	00.884	08.274	3512	3476	"	4.6	"	232	"		
	08:30	00.993	25.636	3515	3478	"	1.3	"	258	"		
	09:00	00.816	32.688	3523	3480	"	2.0	"	103	"		
	09:30	83° 1.537 N	130° 50.293 W	3521.8	3469	"	5.4	"	282	Tina		
	10:00	83° 1.645 N	131° 12.017 W	3525.7	3487	"	5.3	"	264.3	Har		

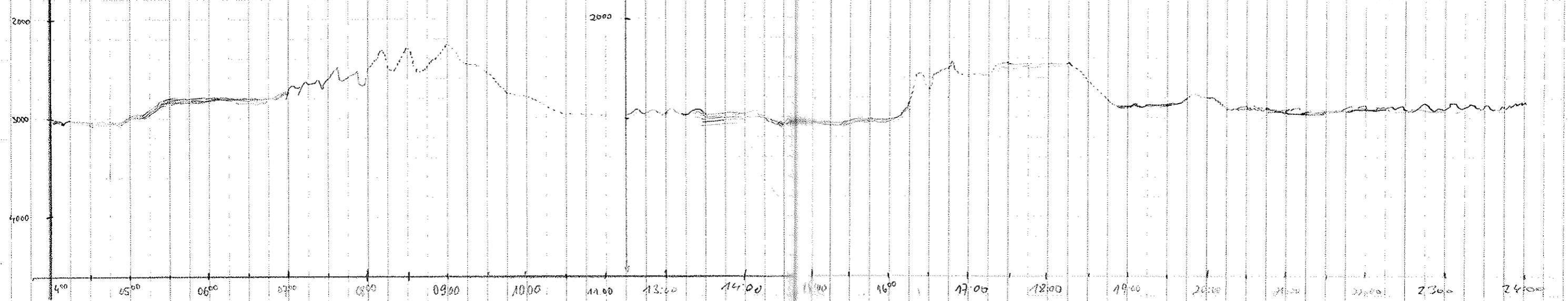


32 DATE	UTC	LAT °N	LONG °	PS	HS	RANGE	SPEED	MODE	COURSE	WATCH	COMMENTS
03.09.11	10:30	83° 1.471	131° 30.392 W	3209.1	3537.5	2500-4500	3.3	QE	268.7	Hao	
	11:00	2.156	131° 48.385	3177.1	3240	"	4.6	"	292.9	"	
	11:30	3.150	132° 3.173	3532.6	3774.7	"	4.7	"	275.3	"	
	12:00	3.143	132° 22.229	3537.4	3499.1	"	6.2	"	281.4	"	12:13 stuck in ice / 12:34 / 13:11
	12:30	4.076	132° 41.247	3540.2	3502.9	"	7.2	"	287.7	"	
	13:00	5.847	132° 52.532	3545.5	3509.9	"	6.2	"	291.9	"	
	13:30	4.100	133° 7.642	3549	3513	"	6.0	"	284.5	"	
	14:00	083° 4.315 N	133° 26.996 W	3328.9	3235.1	"	3.5	"	285.1	Tina	
	14:30	083° 4.590 N	133° 46.700 W	3288.2	3352.6	"	5.9	"	239.1	-  -	
	15:00	083° 5.905 N	134° 08.476 W	3384.6	3347.5	"	2.9	"	245.7	-  -	
	15:30	083° 7.013 N	134° 16.255 W	3373.9	3337.4	-  -	5.8	"	330.0	-  -	
	16:00	83° 7.622 N	134° 36.378 W	3341.9	3308.0	2500-4500	3.5	QE	276.0	Mirko	
	16:30	83° 8.616 N	134° 55.063 W	3300.6	3259.2	"	5.6	"	302.8	"	
	17:00	83° 9.204 N	135° 15.443 W	3221.0	3149.0	"	3.1	"	314.4	"	
	17:30	83° 9.813 N	135° 34.528 W	3089.3	3057.4	-  -	2.8	"	270.6	Tina	
	18:00	83° 10.517 N	135° 53.654 W	3153.2	3113.6	"	5.7	"	295.1	Mirko	
	18:30	83° 11.158 N	136° 17.182 W	3114.1	3080.7	-  -	6.9	"	292.8	Hao	
	19:00	83° 11.761 N	136° 31.438 W	3060.3	3027.3	"	3.9	"	247.1	"	
	19:30	83° 12.263 N	136° 55.476 W	2938.8	2910	"	6.9	"	288.4	"	
	20:00	83° 13.404 N	137° 15.789 W	2929.6	3064.2	"	5.7	"	326.6	"	
	20:30	83° 14.328 N	137° 33.192 W	2821.2	2991.6	2000-4000	6.2	"	314	"	
	21:00	83° 14.740 N	137° 45.63 W	2938.1	2904.2	"	5.8	"	299.1	"	21:11 stuck in ice / 21:29 / 21:36 / 21:44 / 21:47
	21:30	83° 15.071 N	138° 8.442 W	2960.8	2874.1	"	1.5	"	177.9	"	
	22:00	83° 15.163 N	138° 9.332 W	2986.	2987.8	"	1.5	"	113.0	Tina	
	22:33	83° 15.570 N	138° 13.747 W	3001.0	2950.7	"	5.2	"	281.1	-  -	
	23:00	83° 16.127 N	138° 30.886 W	3018	2980	"	6.3	"	287.5	-  -	
	23:30	83° 16.829 N	138° 35.435 W	3032.2	2997.8	"	2.8	"	165.7	-  -	
04.09.11	00:00	83° 17.077 N	138° 50.490 W	3043.1	3009	"	4.7	"	275.2	-  -	
	00:30	83° 18.040 N	139° 13.517 W	3043.4	3006.5	"	1.3	"	258.8	-  -	00:59 stuck in ice
	01:00	83° 17.834 N	139° 29.145 W	2454.6	3351.1	"	1.4	"	92.5	-  -	
	01:30	83° 17.496 N	139° 43.370 W	2925.2	2809	-  -	4.3	"	30.1	-  -	
	02:00	83° 18.578 N	140° 4.289 W	2264.8	2858.5	2000-4000	5.3	QE	276.1	Mirko	
	02:30	83° 19.124 N	140° 22.420 W	2926.8	2894.6	"	6.1	"	277.5	"	
	03:00	83° 19.390 N	140° 42.657 W	2979.1	2932.1	"	4.3	"	287.3	"	
	03:30	83° 20.190 N	141° 1.295 W	2989.9	2950.1	"	7.1	"	283.5	"	

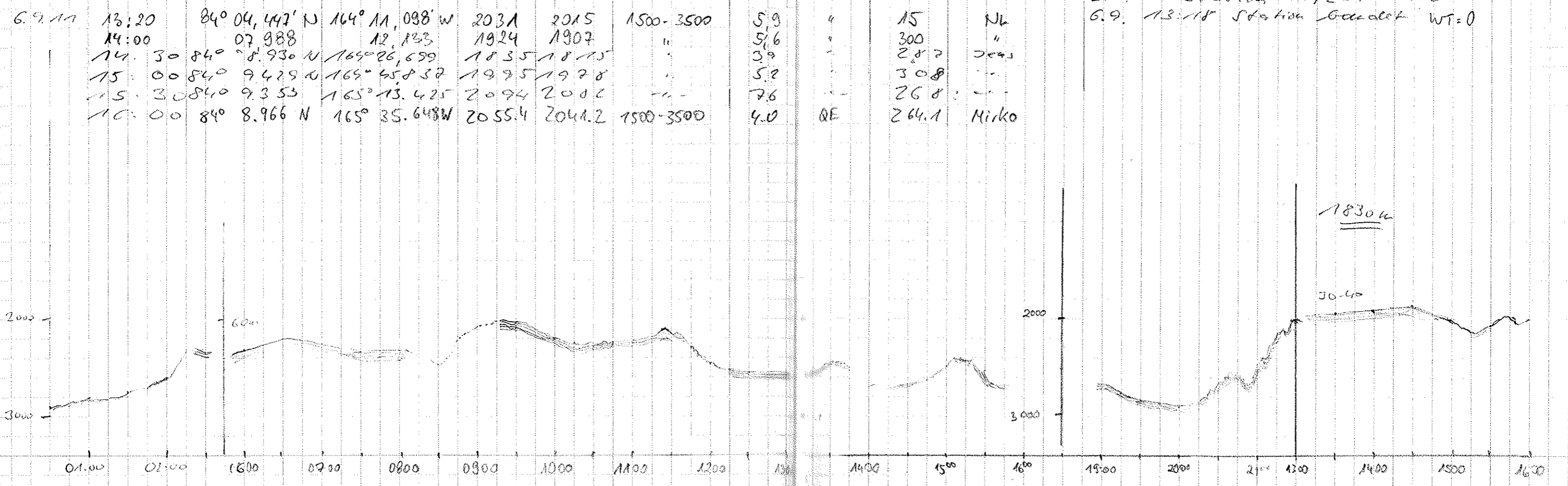


04.09.11

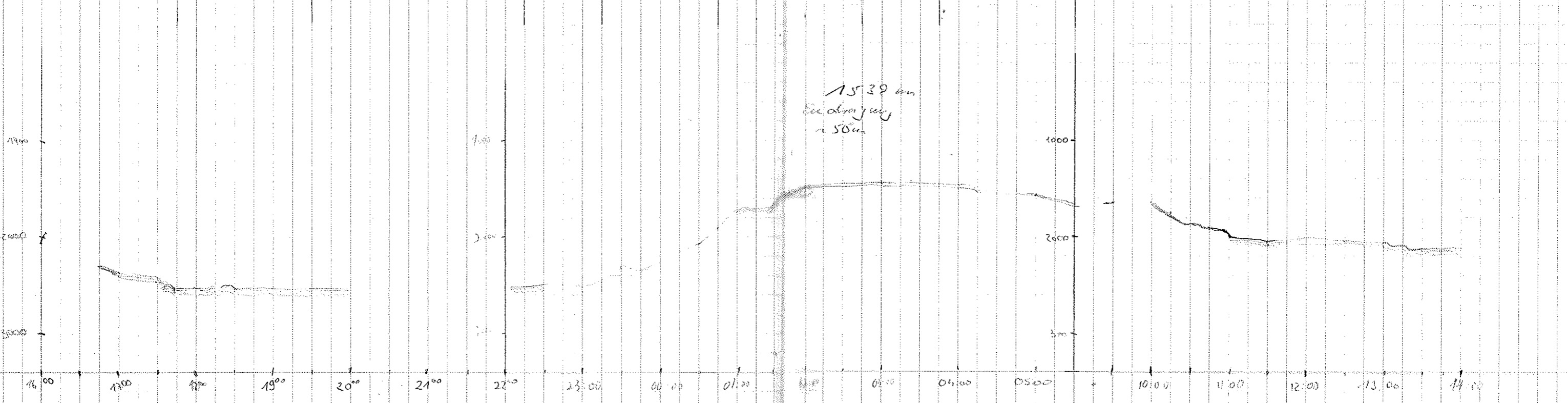
TIME (UTC)	LAT °N	LONG °	PS	HS	RANGE	SPEED	MODE	COURSE	WATCH	COMMENTS
04:00	83° 20.868 N	141° 23.427 W	3009.1	2989.8	2000-4000	4.3	QE	264.3	Mirko	
04:30	83° 21.814 N	141° 45.762 W	3017.4	3020.8	"	6.1	"	291.4	"	04:32 stuck in ice
05:00	83° 22.526 N	142° 1.725 W	2978.2	2942.9	"	2.8	"	257.6	"	
05:30	83° 23.384 N	142° 22.652 W	2847.1	2817.2	"	5.2	"	314.0	"	
06:00	83° 23.584 N	142° 45.022 W	2815	2784	"	3.2	"	293	NL	
06:30	24.056	143° 04.760	2814	2784	"	5.1	"	324	"	
07:00	24.960	24.950	2744	2713	"	4.4	"	301	"	
07:30	25.470	36.250	2611	2576	"	3.8	"	262	"	slides Eis
08:00	25.677	52.031	2497	2477	"	4.7	"	280	"	
08:30	26.093	141.572	2247	2385	"	5.7	"	278	Jens	
09:00	26.728	144° 36.988	2284	2172	"	5.3	"	296	NL	
09:30	27.495	144° 57.210 W	2527.3	2560.8	"	6.3	"	269.7	Tina	
10:00	83° 28.212 N	145° 19.863 W	2785	2757	"	5.2	"	259	NL	
10:30	83° 29.489	145° 39.789	2931.4	2832.8	"	4.5	"	316.2	Tina	
11:00	83° 30.298	145° 57.700	2973	2944.9	"	0.7	"	28.2	-  -	11:03 station PS 78/236-1 WT 60s
11:30	83° 29.542	145° 55.244	2964	2934	"	4.4	"	220	Jens	12:32 station observed
12:30	83° 29.214	146° 15.137	344.54	310.1	"	2.0	"	12.2	"	13:50 stuck in ice
14:00	83° 29.598	146° 25.690	2995	2960	"	4.7	"	316	"	
14:30	83° 30.803 N	146° 50.597 W	3032.0	2999.5	2000-4000	5.7	QE	280.3	Mirko	
15:00	83° 31.322 N	147° 12.992 W	3036.9	3002.5	"	4.9	"	301.4	"	15:11 stuck in ice 15:28
15:30	83° 31.959 N	147° 18.004 W	3036.7	3003.1	"	2.1	"	324.3	"	
16:00	83° 31.729 N	147° 36.941 W	3016.7	2986	"	4.6	"	301.0	Tina	
16:30	83° 32.807 N	147° 0.669 W	2507.9	2725.7	"	5.2	"	272.3	-  -	
17:00	83° 33.759 N	148° 23.708 W	2563.9	2535.2	"	5.1	"	279.4	-  -	17:21 stuck in ice / 17:27
17:30	83° 34.143 N	148° 37.440 W	2451	2424	"	1.6	"	88.3	-  -	stuck in ice 17:35 17:51
18:00	83° 34.247 N	148° 38.535 W	2430.6	2403.7	"	1.2	"	281.6	Hao	18:02 stuck in ice 18:08 / 19:37
18:30	83° 34.145 N	148° 57.677 W	2630.4	2620.5	"	4.4	"	261	"	
19:00	83° 34.343 N	149° 16.070 W	2892.9	2865.4	"	5.7	"	288	"	
19:30	83° 35.229 N	149° 36.193 W	2863.6	2832.4	"	5.0	"	271.7	"	
20:00	83° 35.999 N	149° 57.954 W	2795.4	2763.7	"	5.1	"	285.2	"	
20:30	83° 36.763 N	150° 17.303 W	2931.7	2922	"	6.0	"	258.2	"	
21:00	83° 37.536 N	150° 39.378 W	2943.9	2924.2	"	6.0	"	254.8	"	
21:30	83° 38.125 N	151° 3.508 W	2957.7	2929.6	"	4.0	"	293.4	"	
22:00	83° 38.751 N	151° 20.816 W	3106.2	2906.8	"	2.5	"	293	Jens	22:05 stuck in ice 22:30, 22:52
22:30	83° 39.512 N	151° 06.509 W	2960	2937	"	5.9	"	306	"	
23:00	83° 40.149 N	152° 0.955 W	2987	2957	"	1.0	"	300	"	
23:30	83° 40.284 N	152° 17.569 W	7006	2922	"	6.3	"	273	"	23:55 stuck in ice
24:00	83° 40.416 N	153° 35.595 W	2970	2956	"	6.7	"	277	"	



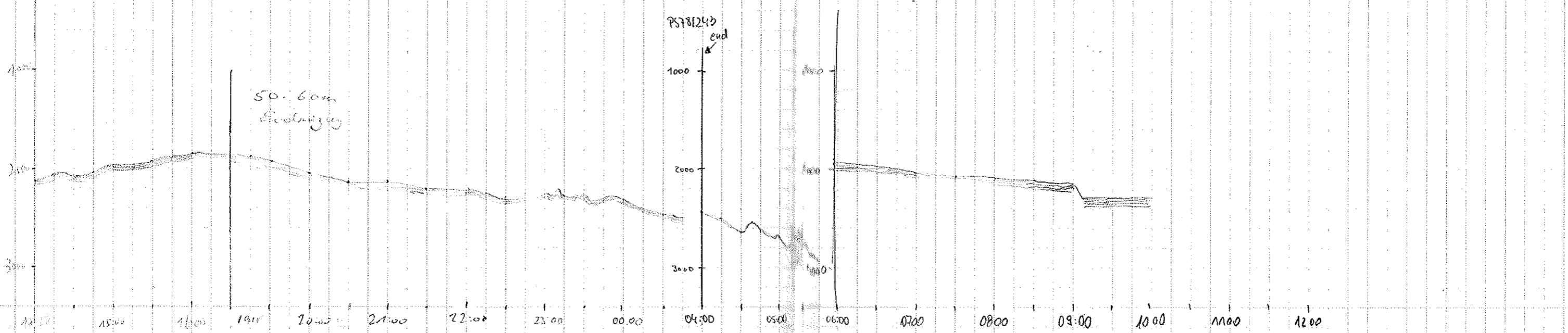
DATE	TIME UTC	LAT N	LONG W	PS	HS	RANGE	SPEED	MODE	COURSE	WATCH	COMMENT
5.9.11	00:30	83°41.126'	153°22.65'W	290.3	28.2	2000-4000	7.4	QE	284	Jen	
	01:00	83°41.796'	153°25.93'W	28.29	28.99	-	0.7	-	98	-	
	01:30	83°42.347'	153°35.203'W	229.2	27.63	-	5.8	-	30.8	-	01.03 station 1:10/1.12
	02:00	83°43.225'	153°58.70'W	263.7	26.12	1500-3500	7.2	-	30.3	-	01.46 range 1500-3500
	02:30	83°43.863'N	154°24.878'W	227.1	23.38	-	2.2	"	27.9	NL	02.39 station 78/237 WT 60 Accom photo
	03:00	83°45.313'N	154°34.524'W	236.0	73.39	-	7.6	"	26.7	Jen	03:06 station WT 60
	03:30	83°44.523'N	154°56.924'W	223.1	22.17	-	5.1	-	27.0	-	05:46 station beendel WTO
	04:00	83°45.083'N	153°14.628'W	224.5	24.34	-	6.4	"	28.2	-	
	04:30	83°44.945'N	155°42.729'W	23.24	23.06	-	4.6	"	28.0	-	07:45 station beendel
	05:00	45.241	53.545	236.9	2	4	1.7	"	94	NL	
	05:30	44.901	156°16.374	246.6	2	4	7.4	"	27.9	"	
	06:00	45.246	43.860	217.4	218.2	4	3.7	"	28.2	"	
	06:30	46.308	157°15.332	211.6	209.8	4	6.8	"	29.1	"	
	07:00	83°46.759'N	157°39.614'W	2205.1	2182.8	4	4.5	"	30.6	Tina	
	07:30	83°47.474'N	158°7.365'W	2368.4	2405.2	4	6.7	"	265.7	-	
	08:00	83°47.768'N	158°36.858'W	2218.9	2204.0	4	6.7	"	287.4	-	
	08:30	83°48.381'N	159°3.138'W	2115.9	2099.9	4	1.1	"	89.6	-	11.30 stuck in ice
	09:00	83°48.934'N	159°29.095'W	2453.3	2437.5	4	6.8	"	282.2	-	
	09:30	83°49.358'N	159°57.685'W	2533.8	2510.7	4	5.7	"	274.6	-	
	10:00	83°49.699'N	160°25.405'W	2537.6	2512.4	4	7.1	"	267.7	-	
	10:30	83°50.271'N	160°54.686'W	2447.3	2423.4	4	6.2	"	277.4	-	
	11:00	83°50.919'N	161°24.515'W	2567.2	2544.2	4	6.7	"	279	-	
	11:30	83°51.582'N	161°52.822'W	2458.9	2611.6	1500-3500	6.2	QE	267.4	Mirko	
	12:00	83°51.853'N	162°21.363'W	2460.2	2485.9	-	5.3	"	292.4	"	
	12:30	83°53.409'N	162°41.189'W	2804.1	2890.4	-	6.5	"	346.2	"	
	13:00	83°54.972'N	162°47.661'W	2679	2650.7	-	5.5	"	350.5	Tina	15:54 station 78/338 start WT = 60
	13:30	83°57.041'N	163°5.699'W	2822	2785.5	-	8.4	"	335.4	-	18:47 station beendel WT 0
	14:00	83°58.402'N	163°30.768'W	2907.4	2874.7	-	6.7	"	308.9	-	
	14:30	84°1.063'N	163°46.268'W	2819.4	2788.0	2000-4000	6.3	"	325.7	Petia	
	15:00	84°3.402'N	164°4.607'W	2440.7	2415.2	-	5.9	"	316.7	-	
	15:30	84°4.225'N	164°17.043'W	2176.9	2093.5	1500-3500	0.8	"	48.8	-	
6.9.11	13:20	84°04.447'N	164°11.098'W	2031	2015	1500-3500	5.9	"	15	NL	21.50 station 78/239 WT 60
	14:00	07.988	12.133	1924	1907	"	5.6	"	300	"	6.9. 13:18 station beendel WT=0
	14:30	84°08.930'N	165°26.699'W	1835	1815	"	3.9	"	287	Jen	
	15:00	84°09.429'N	165°45.852'W	1975	1978	"	5.2	"	308	-	
	15:30	84°09.353'N	165°13.425'W	2094	2082	-	7.6	"	268	-	
	16:00	84°08.966'N	165°35.648'W	2055.4	2041.2	1500-3500	4.0	QE	264.1	Mirko	



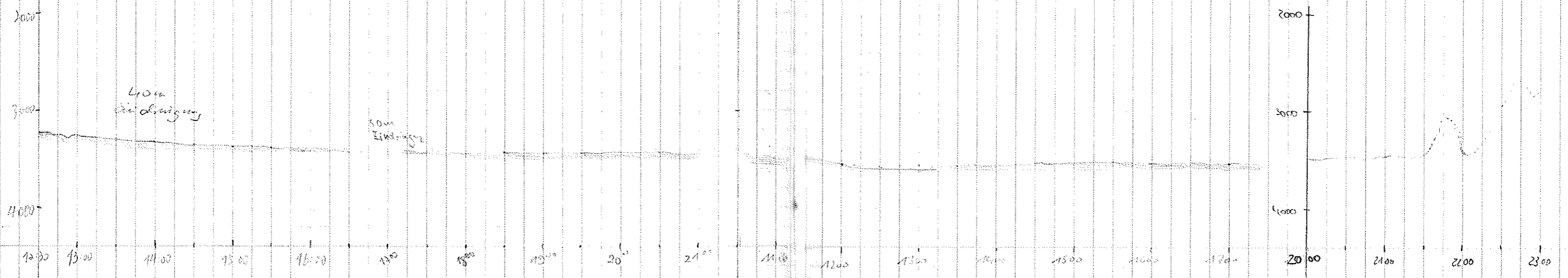
DATE	TIME	LAT° N	LONG° W	PS	LN	RANGE	SPEED	MODE	COURSE	WATCH	COMMENT
6.9.11	16:30	84° 9.128 N	166° 0.498 W	2007.3	1986.4	1500-3500	6.9	QE	279.1	Mirko	
	17:00	84° 9.430 N	166° 28.988 W	2361.5	2338.5	"	5.5	"	295.4	"	
	17:30	84° 9.703 N	166° 53.612 W	2430.6	2406.8	"	3.5	"	296.6	"	17:42 stuck in ice / 17:51 / 17:54 - 17:59
	18:00	84° 9.610 N	167° 6.086 W	2491.4	2467.8	"	2.2	"	189.3	"	18:11 stuck in ice
	18:30	84° 9.110 N	167° 12.825 W	2495.1	2469.6	"	5.3	"	288.9	Tina	
	19:00	84° 9.641 N	167° 38.682 W	2920.1	2475	"	6.0	"	285	"	
	19:30	84° 10.360 N	168° 2.232 W	2515.8	2494.1	"	5.5	"	293.9	"	
	20:00	84° 11.016 N	168° 20.045 W	2512.8	2489.4	"	0.4	"	280.9	"	Station PS 78/240 WT 60s 20:05
	22:04	84° 10.652 N	168° 20.678 W	2512.7	2489	"	2.1	"	11.0	Hao	22:04 station PS 78/240 beendat WT -0
	22:30	84° 11.483 N	168° 38.606 W	2506.3	2480.2	"	6.6	"	311.1	"	
	23:00	84° 12.648 N	169° 0.376 W	2500.7	2477.5	"	4.5	"	286.8	"	
	23:30	84° 13.952 N	169° 25.866 W	2321.3	2298.6	"	6.5	"	289.9	"	
7.9.11	00:00	84° 14.656 N	169° 47.440 W	2049.8	2331.5	"	2.1	"	131.8	"	23:59 stuck in ice
	00:30	84° 16.470 N	170° 0.304 W	2063.5	2343.6	"	0.9	"	122.5	"	00:29 stuck in ice
	01:00	84° 16.688 N	170° 18.631 W	1576.4	1711.7	"	6.7	"	291.6	"	01:12 station PS 78/240 -2/-3 until 07:26
	01:30	84° 17.024 N	170° 31.341 W	1630.4	1634.5	"	1.6	"	282.9	"	
	02:00	84° 17.218 N	170° 41.224 W	1577.8	1566.0	1000-3000	0.7	"	270.0	Jens	02:45 stuck in ice
	02:30	84° 17.443 N	170° 40.960 W	1577.9	1566.2	"	0.6	"	290	"	↓
	03:00	84° 17.968 N	170° 54.447 W	1539.9	1521.1	"	3.2	"	329	"	03:00
	03:30	84° 19.277 N	171° 15.917 W	1507.7	1499.1	"	4.8	"	298	"	
	04:00	84° 20.804 N	171° 35.377 W	1528	1511	"	4.8	"	321	"	
	04:45	84° 22.032 N	172° 4.629 W	1560	1542	"	4.1	"	291	"	
	05:00	84° 22.148 N	172° 12.624 W	1581	1563	"	2.8	"	288	"	
	05:30	84° 23.150 N	172° 21.512 W	1678	1660	"	0.2	"	190	"	
	09:30	84° 22.858 N	172° 25.035 W	1637.7	1625.7	1000-3000	6.9	"	304.4	Tina	05:30 station 78/240 WT 30
	10:00	84° 23.670 N	172° 48.909 W	1735.0	1715.3	"	3.8	QE	302.4	Mirko	09:20 station beendat WT 0s
	10:30	84° 24.076 N	173° 6.541 W	1825.1	1805.1	"	0.6	"	224.3	"	10:24 stuck in ice
	11:00	84° 24.480 N	173° 26.196 W	2002.3	1985.3	"	7.1	"	291.6	"	10:30
	11:30	84° 25.836 N	173° 52.148 W	2064	2044	"	5.9	"	258	Jens	11:45 stuck in ice
	12:00	84° 25.715 N	174° 8.735 W	2049	2028	"	5.4	"	290	"	
	12:40	84° 22.421 N	174° 79.705 W	2062	2034	"	7.7	"	274	"	
	13:00	84° 28.194 N	174° 50.162 W	2072	2043	"	6.6	"	300	"	
	13:30	84° 28.531 N	175° 17.537 W	2137.5	2114.3	"	5.8	"	280.2	Hao	13:39 stuck in ice / 13:45 /
	14:00	84° 28.437 N	175° 32.748 W	2108.8	2082.5	"	4.0	"	294.9	"	



DATE	TIME UTC	LAT °N	LONG °	PS	HS	RANGE	SPEED	MODE	COURSE	WATCH	COMMENT	
7.09.11	14:30	84° 29.453 N	175° 59.596 W	2078.1	2049.8	1000-3000	6.1	QE	283.6	Tina		
	15:00	84° 30.357	176° 13.212 W	1984.9	1959	-  -	0.8	-  -	118.2	-  -	14:52 stuck in ice	
	15:30	84° 31.193	176° 40.393 W	1922.1	1838.3	-  -	4.9	-  -	284.9	-  -		
	16:00	84° 32.115	177° 3.904 W	1885.6	1868.6	-  -	4.3	-  -	271.5	-  -		
	16:30	84° 33.770	177° 25.832 W	1901.3	1877.6	-  -	5.4	-  -	293.3	Hao	16:39 stuck in ice	
	18:30	84° 33.555	177° 24.804 W	1898	1871	-  -	0.5	-  -	9.7	Sens	station PS 78/242	
	19:15	84° 34.464	177° 41.325 W	1900	1875	-  -	3.9	-  -	297	-  -	16:51 into ice - beach	
	19:30	84° 34.853	177° 58.392 W	1973	1932	-  -	6.7	-  -	305	-  -		
	20:00	84° 35.839	178° 28.604 W	2036	2009	-  -	6.7	-  -	297	-  -		
	20:38	84° 36.598	179° 4.166 W	2118	2093	-  -	5.8	-  -	252	-  -		
	21:00	84° 35.874	179° 19.669 W	2108	2084	-  -	4.3	-  -	238	-  -	20:55 stuck in ice	
	21:30	84° 36.956	179° 37.144 W	2201	2175	-  -	4.5	-  -	300	-  -	21:35 stuck in ice	
	22:00	84° 38.138	179° 36.494 W	2228	2200	-  -	5.7	-  -	339	-  -		
	22:30	84° 39.355 N	179° 34.273 E	2280.6	2252.6	-  -	6.9	-  -	279	Tina		
	23:00	84° 39.995 N	179° 1.229 E	2253.5	2229.4	-  -	7.2	-  -	289.3	-  -		
	23:30	84° 40.855 N	178° 26.925 E	2287.3	2259.8	-  -	6.4	-  -	262.3	-  -		
	8.09.11	00:00	84° 41.358 N	177° 52.823 E	2319.4	2291.2	-  -	6.0	-  -	285.1	-  -	
		00:30	84° 42.280 N	177° 20.913 E	2476.7	2452.4	-  -	3.8	-  -	339.7	-  -	
		03:53	84° 42.048 N	177° 32.030 E	2409.2	2381.3	1000-3000	1.8	QE	178.9	Mikko	00:48 station 78/243 WT = 60s
04:00		84° 41.806 N	177° 30.006 E	2445.8	2414.0	-  -	4.2	-  -	242.9	-  -	PS 78/243 end, wt=0s	
04:30		84° 42.766 N	177° 5.444 E	2625.8	2594.2	1500-3500	5.7	-  -	300.2	-  -	04:14 Tiefe auf 2500-3500 m gemessen	
05:00		84° 42.658 N	176° 36.465 E	2600.8	2681.3	-  -	4.0	-  -	258.2	-  -		
05:30		84° 43.434 N	176° 8.927 E	2882.1	2847.5	-  -	6.9	-  -	256.1	-  -		
06:00		84° 43.812 N	175° 35.024 E	2945	2912	"	7.1	"	281	NL		
06:30		44.728	11.255 E	2983	2938	"	7.4	"	264	"		
07:00		44.979	174° 39.933 E	3018	2978	"	6.0	"	277	"		
07:30		44.955	09.557 E	3074	3038	"	5.5	"	306	"		
08:00		84° 45.954	175° 45.836 E	3101	3060	2000-4000	5.9	"	259	Sens	stuck in ice 07:47 range 2000-4000	
08:30		84° 46.597	173° 30.493 E	3126	3088	"	6.2	"	306	"		
09:00		84° 47.126	172° 59.663 E	3294	3172	"	7.2	"	286	"		
09:30		47.009	36.356	3241	3206	"	3.6	"	218	NL		
09:55		46.826	37.421	3275	3237	"	1.6	"	19	"	10:04 station PS 78/244 starts WT=60	
12:31		46.674	52.132	3223	3176.9	"	2.5	"	158	Hao	12:30 station PS 78/244 ends WT=0	



DATE	UTC	LAT °N	LONG °E	PS	HS	RANGE	SPEED	MODE	COURSE	WATCH	COMMENT
8.9.11	13:00	84° 45.484 N	172° 40.799 E	3200.3	3224.8	2000 - 4000	5.5	QE	199.5	Hao	13:07 stuck in ice
	13:30	84° 45.852 N	172° 21.758 E	3219.5	3231.8	"	6.4	"	282.6	"	
	14:00	84° 47.766 N	172° 6.530 E	3317.5	3270	"	7.1	"	113	Jean	
	14:30	84° 48.226 N	171° 43.287 E	3347	3307	"	4.4	"	251	"	
	15:00	84° 48.415 N	171° 9.530 E	3374	3379	"	7.0	"	209	"	13:00 stuck in ice
	15:30	84° 48.524 N	170° 54.890 E	3380	3336	"	4.0	"	266	"	
	16:00	84° 48.340 N	170° 28.635 E	3398.1	3350.7	2000 - 4000	5.0	QE	330.7	Mirko	
	16:30	84° 48.454 N	170° 13.902 E	3404.6	3367.9	"	2.9	"	100.9	"	
	17:00	84° 48.882 N	169° 48.131 E	3304.2	3394.6	"	6.8	"	287.1	"	
	17:30	84° 49.000 N	169° 33.012 E	3409.7	3362.7	"	6.9	"	237.5	"	
	18:00	84° 49.173 N	169° 7.085 E	3417.9	3370.2	"	1.9	"	276.2	"	18:35 stuck in ice
	18:30	84° 49.153 N	168° 43.796 E	3425.4	3381.8	"	5.9	"	281.3	Tina	
	19:00	84° 48.918 N	168° 23.275 E	3430.5	3385.3	"	5.8	"	254.2	"	
	19:30	84° 49.536 N	167° 49.700 E	3428.4	3378.8	"	5.6	"	280.7	"	
	20:00	84° 47.744 N	167° 39.686 E	3415.0	3405.2	"	3.2	"	203	"	
	20:30	84° 48.147 N	167° 10.536 E	3415.5	3368.2	"	6.5	"	277.6	"	
	21:00	84° 48.338 N	166° 35.576 E	3525.4	3305.9	"	6.1	"	275.1	"	21:20 station PS 781245
10.9.11	11:00	84° 48.201 N	166° 4.082 E	3420	3372	"	5.6	"	274	Jean	10:42 side from 60000 ft
	11:42	84° 48.270 N	165° 39.823 E	3411.5	3409	"	6.8	"	276	"	
	12:00	84° 49.289 N	165° 18.872 E	3477	3438	"	3.8	"	276	"	
	12:40	84° 49.480 N	165° 46.551 E	3523	3496	"	4.3	"	279	"	
	13:00	84° 49.579 N	164° 30.678 E	3633	3502	"	4.1	"	264	"	
	13:30	84° 49.270 N	164° 18.882 E	3556	3500	"	5.4	"	272	"	
	14:00	84° 50.469 N	163° 52.419 E	3564.5	3517.1	"	7.4	"	277.2	Hao	
	14:30	84° 50.438 N	163° 29.356 E	3556.9	3517.6	"	7.6	"	272.4	"	
	15:00	84° 50.355 N	162° 53.574 E	3349.7	3500.8	"	6.6	"	269.8	"	
	15:30	84° 50.133 N	162° 18.842 E	3546.5	3503.1	"	7.0	"	273.2	"	
	16:00	84° 50.053 N	161° 47.801 E	3542.5	3494.2	"	6.6	"	264.6	Tina	
	16:30	84° 49.478 N	161° 16.315 E	3544.7	3491.2	"	5.1	"	267.6	"	16:43 stuck in ice
	17:00	84° 49.578 N	161° 3.886 E	3548.3	3498.8	"	2.1	"	279.2	"	17:26 station PS 781246-1
	19:55	84° 48.198 N	160° 57.481 E	3545.3	3496.4	2000 - 4000	0.6	QE	270.7	Mirko	Station PS 781246-1 end wt: 05
	20:30	84° 48.290 N	160° 30.299 E	3545.4	3492.7	"	6.7	"	281.6	"	
	21:00	84° 48.386 N	159° 56.862 E	3528.4	3480.7	"	6.4	"	272.2	"	
	21:30	84° 48.184 N	159° 25.660 E	3477.3	3434.1	"	6.5	"	247.5	"	
	22:00	84° 48.061 N	158° 56.748 E	3375.2	3332.6	"	7.5	"	261.5	"	
	22:30	84° 49.838 N	158° 27.311 E	2915.3	2871.1	"	0.5	"	194.6	Hao	
	23:00	84° 49.354 N	158° 4.822 E	2772.7	2719.0	"	6.6	"	246.4	"	23:05 stuck in ice



10.09.19

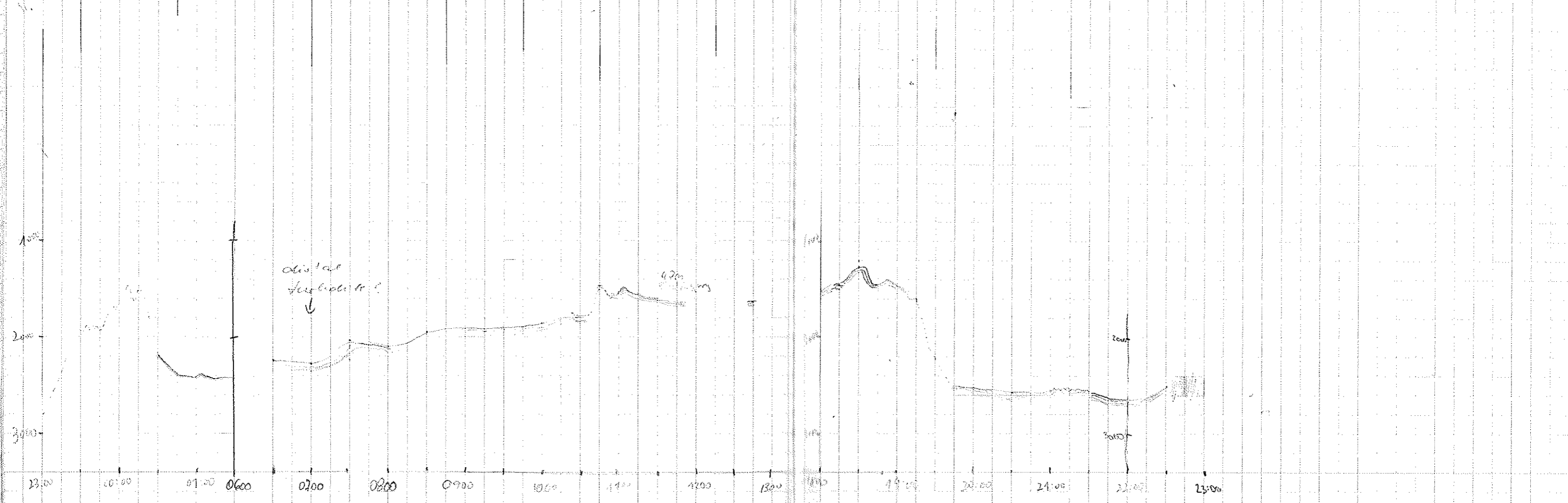
DATE	UTC	LAT °N	LONG °	PS	HS	RANGE	SPEED	MODE	COURSE	WATCH
	23:30	84° 49.783 N	157° 37.690 E	1926.8	1884.4	1500-3500	3.6	AE	232.5	Hao
	00:00	84° 48.028 N	157° 9.155 E	1627.5	1597.6	"	7.2	"	246.8	"
	00:30	84° 47.246 N	156° 39.069 E	2247.2	2205.8	1000-3000	6.3	"	263.6	"
	01:00	84° 47.082 N	156° 2.953 E	2419.4	2399.1	"	10.1	"	236.6	"
	06:05	84° 43.700 N	155° 31.072 E	2206	2175	1000-3000	1.7	QE	231	NL
	06:30	84° 43.370 N	155° 16.080 E	2231	2150	"	1.3	"	152	JEN
	07:00	84° 43.006 N	154° 53.185 E	2252	2225	"	7.1	"	255	"
	07:30	84° 42.667 N	154° 20.194 E	2015.3	1982.4	"	5.3	"	277.9	Mirko
	08:00	84° 42.126 N	153° 49.332 E	2057	2033	"	4.6	"	264	JEN
	08:45	84° 42.572 N	153° 7.106 E	1967	1937	"	4.1	"	242	"
	09:00	84° 42.446 N	152° 54.157 E	1955	1920	"	3.5	"	277	"
	09:30	84° 42.302 N	152° 32.572 E	1949	1929	"	5.3	"	272	"
	10:00	84° 42.393 N	152° 1.793 E	1844.1	1816.1	"	1.3	"	248.8	Tina
	10:30	84° 42.041 N	151° 31.210 E	1770.5	1744.6	"	3.9	"	259.4	"
	11:00	84° 41.728 N	151° 0.645 E	1544.8	1518.9	"	7.5	"	260.4	"
	11:30	84° 41.513 N	150° 28.894 E	1625.8	1601.7	"	6.2	"	280.5	"
	12:40	84° 41.280 N	150° 10.058 E	1637.7	1614.3	"	6.6	"	38.0	"
	18:04	84° 39.413 N	149° 19.374 E	1563	1546	"	5.7	"	268	JEN
	18:32	84° 38.877 N	148° 51.202 E	1265	1245	"	5.0	"	249	"
	19:00	84° 38.257 N	148° 26.729 E	1447.4	1430	"	3.5	"	243	Hao
	19:30	84° 37.278 N	148° 5.797 E	2213.7	2204.2	"	2.0	"	70.6	"
	20:00	84° 36.074 N	147° 49.055 E	2437.2	2402.2	"	5.3	"	238.5	"
	20:30	84° 34.880 N	147° 22.693 E	2570	2533.4	"	5.5	"	268.6	"
	21:00	84° 33.993 N	147° 3.707 E	2563	2527.7	"	7.2	"	271.7	"
	21:30	84° 32.549 N	146° 36.088 E	2577.6	2547.1	"	7.1	"	272.9	"
	22:00	84° 33.603 N	146° 29.311 E	2627.4	2597.3	"	7.0	"	282.9	"
	22:30	84° 33.466 N	145° 19.422 E	2594.5	2590.5	1000-3000	6.2	QE	220.8	Mirko

09:48 Start on 11  
 09:27 station PS 78/247 starts WT 60  
 end of station WT=0  
 06:28 Start on 11

11:55 station PS 78/248 WT 60  
 WT=0  
 new positionieren  
 12:58 station 248 WT 60  
 17:26 station ends WT=0

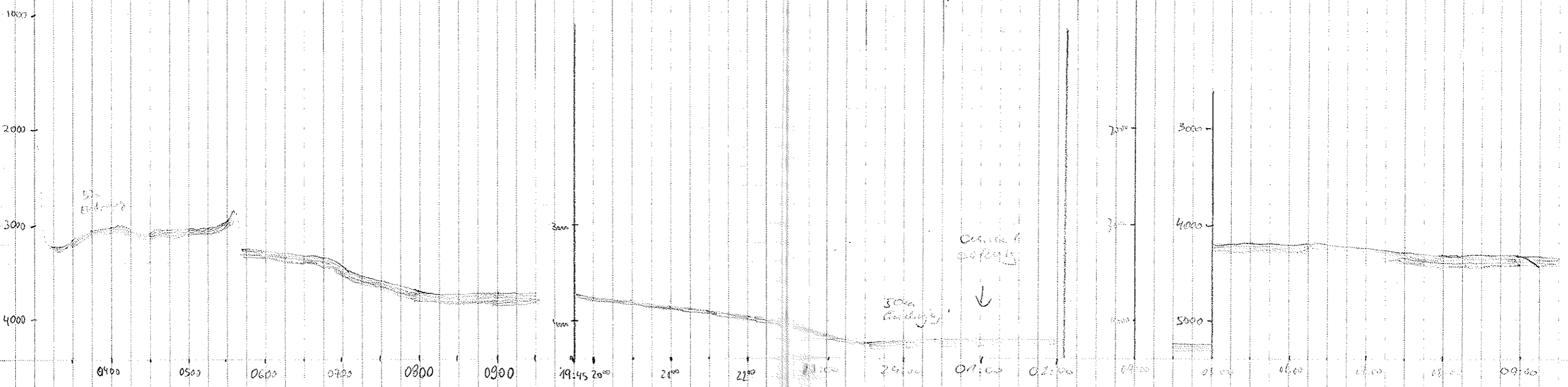
19:29 truck in ice 19:35 / 20:50 /

22:50 station PS 78/249 start WT=60s

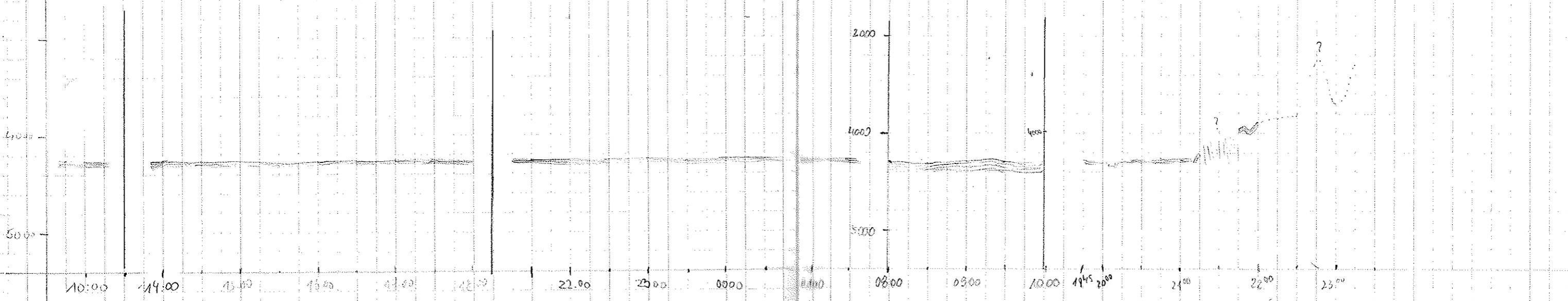




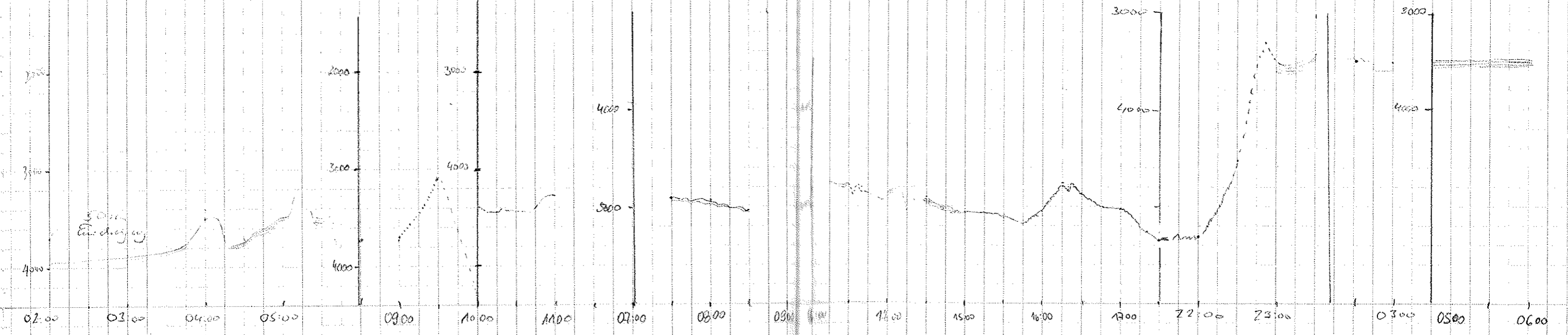
DATE	UIC	LAT °N	LONG °	PS	HS	RANGE	SPEED	MODE	COURSE	WATCH	COMMENT
11 03 10	3 10	84° 30.481	144° 35.631 E	3044.4	2987.3	1500-3500	7.3	QE	234.4	Tina	3:07 station beamed WT 0s
03 30		84° 29.444 N	144° 15.182 E	3161.5	3123.6	"	6.3	"	236.2	"	
04 00		84° 28.073 N	143° 45.674 E	3020.2	2987.3	"	4.7	"	230.9	"	
04 30		84° 27.211 N	143° 18.741 E	3060.7	3018.7	"	4.7	"	245.8	"	
05 00		84° 26.606 N	143° 1.490 E	3043.3	3004.4	"	4.5	"	247	"	
05 30		84° 25.567 N	142° 37.817 E	2953.6	2914.6	"	5.8	"	231.2	"	
06 05		24.709	04.718	3321	3277	"	6.3	"	235	NL	
06 30		24.039	141° 40.831	3411	3375	"	5.1	"	255	"	
07 15		22.644	00.618	3497	3452	"	5.4	"	253	"	
08 00		84° 22.869' N	140° 28.021' E	3662	3621	"	4.7	"	298	"	in correct depth range: mode to record
08 30		24.586	08.365	3691	3639	"	5.3	"	301	"	
09 00		24.191	139° 57.553	3700	3651	"	5.1	"	274	"	
09 30		24.018	59.194	3699	3674	"	0.5	"	207	"	
19:42		84° 21.599 N	139° 56.584 E	3710.5	3679.9	1500-3500	4.3	QE	148.7	Niko	Station P578/250 WT=60
20 00		84° 20.817 N	139° 45.560 E	3721.3	3704.7	3500-4500	3.8	"	256.1	"	end WT=0s 11:46 2500-4500
20 30		84° 19.637 N	139° 23.749 E	3797.3	3772.0	"	4.1	"	227.1	"	
21 00		84° 18.312 N	139° 0.888 E	3841.1	3817.0	"	5.1	"	249.5	"	
21 30		84° 17.164 N	138° 45.060 E	3866.4	3836.8	"	2.6	"	199.5	"	
22 00		84° 15.145 N	138° 31.870 E	3916.9	3896.2	"	5.1	"	205.1	"	
22 30		84° 14.244 N	138° 17.152 E	4011.0	3981.1	"	6.4	"	256	Jean	2215 XCTD
23 00		84° 12.953 N	137° 57.942 E	4212.4	4185	3000-5000	4.7	"	262	"	2235 range 3000-5000
23 35		84° 11.692 N	137° 16.358 E	4262.4	4235	"	6.4	"	260	"	
12 9 11 24:00		84° 10.844 N	136° 55.285 E	4245	4245	"	5.7	"	254	"	0015 stuck wire
00 30		84° 10.622 N	136° 44.679 E	4245	4226	"	2.3	"	95	"	0030 stuck wire
01 10		84° 10.622 N	136° 32.180 E	4238	4206	"	7.1	"	268	"	0043 stuck wire
02 00		84° 9.110 N	135° 53.273 E	4267	4224	"	1.9	"	181	"	0203 Station 78/251 WT 60
05 00		84° 9.547 N	135° 55.174 E	4256.3	4228.7	"	0.8	"	20.2	Ilav	0456 station ends WT 0
05 30		84° 8.073 N	135° 45.233 E	4185	4199.9	"	2.1	"	38.7	"	0505 stuck wire
06 00		06.709	22.886	4256	4226	"	5.1	"	260	NL	
06 30		05.314	134° 59.616	4226	4229	"	5.5	"	240	"	
07 11		02.540	28.565	4260	4228	"	5.7	"	258	"	
07 30		84° 02.135	134° 12.788 E	4307	4206	"	5.2	"	254	Jean	
08 00		84° 1.009	133° 41.257 E	4200	4251	"	7.6	"	256	"	0815 XCTD
08 30		83° 59.769	133° 21.060 E	4279	4247	"	7.6	"	253	"	
09 00		57.727	06.092	4271	4249	"	6.1	"	182	NL	
09 30		55.997	132° 39.397	4282	4254	"	7.4	"	250	"	



DATE	TIME	LAT ° N	LONG °	PS	HS	RANGE	SPEED	MODE	COURSE	WATCH	COMMENTS	
12.09.11	10:00	83° 54.863	132° 9.045 E	4287.8	4258	3000 - 5000	5.5	QE	248.5	Tina	10:27 station PS 78/252	
	13:39	83° 52.202	131° 28.797 E	4289.4	4261.1	"	0.8	"	299.5	Mirko	13:38 " end WT = 60s	
	14:00	83° 52.057 N	131° 13.889 E	4291.8	4241.2	"	6.8	"	224.5	Tina		
	14:30	83° 50.332 N	130° 53.646 E	4291.8	4260.5	"	6.1	"	234.2	Mirko		
	15:00	83° 48.401 N	130° 30.759 E	4291.8	4261.0	"	6.5	"	239.7	"		
	15:30	83° 46.765 N	130° 6.405 E	4288.7	4288.6	"	6.3	"	238.3	"		
	16:00	83° 44.926 N	129° 44.365 E	4287	4285.9	"	5.7	"	239	Hao		
	16:30	83° 43.239 N	129° 19.077 E	4287.6	4240.9	"	6.2	"	227.9	"		
	17:00	83° 41.138 N	128° 55.057 E	4286.5	4259.5	"	6.7	"	231.1	"		
	17:30	83° 38.723 N	128° 29.745 E	4287.3	4257.6	"	6.9	"	235	"		
	18:00	83° 37.174 N	128° 10.752 E	4290	4260.3	"	0.1	"	451.7	"		
	21:17	83° 37.040 N	128° 23.477 E	4285.8	4255.4	"	5.6	"	266.5	Tina	18:01 station PS 78/253 start	
	21:30	83° 36.206 N	128° 15.334 E	4286.7	4257.8	"	7.3	"	188.4	"	21:16 " end WT = 60s	
	22:00	83° 33.939 N	127° 53.667 E	4280	4253.3	"	5.8	"	233.9	"		
	22:32	83° 31.778 N	127° 25.175 E	4287.6	4250.4	"	6.7	"	224.5	"		
	23:00	83° 29.905 N	127° 3.541 E	4280.8	4251.3	"	6.7	"	226.2	"		
	23:30	83° 28.122 N	126° 42.921 E	4286.6	4257.4	"	6.7	"	238.5	"		
	13.09.11	00:00	83° 26.326 N	126° 21.866 E	3973.5	4247.2	"	6.3	"	233.9	"	
		00:30	83° 24.307 N	126° 0.377 E	4279.4	4252.3	"	5.5	"	229.7	"	
		01:00	83° 22.400 N	125° 24.056 E	4279	4245.4	"	5.9	"	232.7	"	
		01:30	83° 20.341 N	125° 22.127 E	4272.0	4241.7	"	5.7	"	228.7	"	1:50 station /254
		08:32	83° 22.100' N	125° 15.727' E	4281	4252	"	0.7	"	238	NL	end of station WT = 0
		09:00	83° 20.327' N	125° 2.505' E	4287	4255	"	5.8	"	190	Jen	
09:30		83° 18.390' N	125° 2.600' E	4280	4238	"	7.4	"	234	"		
09:56		83° 16.764' N	125° 00.801' E	4273	4240	"	0.4	"	220	NL	station 78/255 WT = 60	
13:50		83° 16.555' N	125° 02.475' E	4290	4260	"	0.8	"	279	Jen	13:41 station Beudet	
16:42		83° 18.350 N	124° 32.186 E	4297.3	4268.1	"	7.3	"	56.6	Tina	13:55 station 78/256 WT = 60	
17:08		83° 19.823 N	124° 52.899 E	4274	4264	"	5.5	"	52.5	Jen	256 Beudet WT = 0	
19:39		83° 20.674 N	124° 51.094 E	4242.5	4215.0	"	5.0	"	278.4	Mirko	17:19 station 78/256 WT = 60	
20:00		83° 20.322 N	124° 34.010 E	4286.8	4238.0	"	5.2	"	264.8	"	station 78/256 end WT = 0s	
20:30		83° 19.579 N	124° 6.126 E	4286.9	4255.2	"	6.6	"	261.3	"		
21:00		83° 18.744 N	123° 35.890 E	4286.7	4255.2	"	6.7	"	254.4	"		
21:30		83° 17.939 N	123° 2.001 E	3991.9	3960.1	"	6.6	"	256.4	"		
22:00	83° 17.341 N	122° 42.673 E	3933.7	3904.3	"	6.4	"	245.5	"			
22:30	83° 16.183 N	122° 15.461 E	3831	3799.5	"	6.9	"	257.3	Hao			
23:00	83° 15.354 N	121° 48.571 E	3700.7	3675.6	"	6.7	"	265	"			



DATE	UTC	LAT °N	LONG °E	PS	MS	RANGE	SPEED	MODE	COURSE	WATCH	COMMENTS
13.09.11	23:27	83° 14.805 N	121° 32.299 E	3200	3200	3000 - 5000	1.0	QE	237.3	Hao	station PS 78/258 starts WT = 60
14.09.11	02:07	83° 13.99 N	121° 9.664 E	3748	3720		1.0		306	Jens	
	02:36	83° 13.71 N	120° 49.601 E	3848	3800		6.6		259		02:07 station beendet
	03:15	83° 12.560 N	120° 6.386 E	3879	3848		6.6		255		
	03:30	83° 12.300 N	119° 57.615 E	3871	3850		6.6		258		
	04:00	83° 11.442 N	119° 29.251 E	3485	4291		5.4		259		04:07 depth range 2500 - 4500
	04:20	83° 10.840 N	119° 6.129 E	3760	3727	2500 - 4500	6.7		255		
	05:00	83° 10.155 N	118° 42.285 E	3589	3591		6.9		255		
	05:40	83° 09.120 N	118° 8.950 E	3876	3800		6.5		243		05:52 station 78/259 WT = 60
	09:09	83° 08.590 N	117° 55.562 E	3751	3734	2500 - 4500	0.8	Q.E.	181	NL	med of station WT = 0
	09:30	07.999	44.591	3130	3104		6.6	"	252	"	
	10:00	83° 6.940	117° 20.980 E	4274.1	4225.9	3000 - 5000	6.6	"	231.9	Tina	range 3000 - 5000
	10:30	83° 5.937 N	116° 56.765 E	4452.8	4417.9		6.7	"	244.6	-11-	
	11:00	83° 5.060 N	116° 30.306 E	4300.2	4279.5		6.7	"	257.8	-11-	11:16 System runnigefahren (CEEZ)
19.9.11	06:57	81° 56.38 N	119° 37.491 E	3492	3488		7.2		168	JENS	NEW START PARASOUND
	07:30	52.722	45.344	4915	4855	4000 - 6000	6.8	Q.E.	165	NL	
	08:00	49.432	51.708	4938	4986		6.9	"	165	"	
	08:30	46.670	58.424	5059	4982		4.8	"	193	"	Stationbeginn 78/272 08:40 WT = 60
	13:15	46.307	120° 4.666 E	4741.5	4743.8		1.6	"	201.3	Hao	station 78/272 ends at 13:15 WT = 0
	13:30	45.431	120° 4.607 E	4797.5	4785.6		7.1	"	174.1	"	
	14:00	81° 42.113 N	120° 5.701 E	4825.0	4877.7	4000 - 6000	7.3	QE	152.7	Misko	
	14:30	81° 39.069 N	120° 10.877 E	5021.0	4956.5		6.8	"	169.0		
	15:00	81° 36.205 N	120° 16.746 E	5007.0	4953.0		6.1	"	163.7		
	15:30	81° 33.482 N	120° 20.294 E	5116.3	5089.3		6.9	"	168.2		
	16:00	81° 30.296 N	120° 27.656 E	5037	4988.5		6.1	"	157.2	Tina	
	16:30	81° 27.160 N	120° 31.918 E	4994.7	4951.5		7.1	"	154.3	-11-	
	17:00	81° 24.429 N	120° 38.508 E	5024.8	4979.3		3.2	"	171.6	-11-	
	17:30	81° 21.849 N	120° 41.886 E	5336.8	5275.9		4.8	"	211.2	-11-	17:38 station 273
	21:30	81° 21.024 N	120° 47.325 E	5270	5280		5.6	"	190	JENS	27:28 station beendet WT = 0
	22:00	81° 16.416 N	120° 46.600 E	5325	5250		9.1	"	185		
	22:30	81° 16.770 N	120° 42.410 E	4522	4450		12.2	"	182		range 3000 - 5000 22:40
	23:00	81° 4.802 N	120° 40.200 E	3524	3480	2000 - 4000	12.4	"	184		range 2000 - 4000 22:50
	23:30	80° 58.784 N	120° 38.592 E	3423	3422		11.2	"	184		23:42 station 78/274 WT = 60
	02:30	80° 54.270 N	120° 42.356 E	3512	3468		10.8	"	157		02:07 station beendet
	03:00	80° 44.981 N	120° 54.718 E	3561	3524		10.3	"	156		03:13 station 78/275
	05:00	80° 46.737 N	120° 59.300 E	3568	3520		6.3	"	160		04:51 station beendet
	05:30	80° 43.425 N	121° 9.338 E	3531	3490		11.9	"	164		station 78/276
	06:03	80° 38.621 N	121° 19.433 E	3525	3482		0.6	"	28	NL	Station 78/276 WT = 60



DATE	UTC	LAT ° N	LONG ° E	P1	P2	RANGE	SPEED	MODE	COURSE	WATCH	
20.09.11	11:39	80° 37.502 N	121° 45.263 E	3500.3	3461.3	2000 - 4000	2.4	BE	107	Hao	
	12:00	80° 34.667 N	121° 21.900 E	3500.6	3465	"	12.2	"	16.1	Jens	
	12:30	80° 28.722 N	121° 34.923 E	3509.4	3469.1	"	11.1	"	159.4	Hao	
	13:00	80° 23.038 N	121° 47.662 E	3285	3249.4	"	11.8	"	161.4	"	
	13:30	80° 18.404 N	121° 58.303 E	3252.3	3255.6	"	6.2	"	71.7	"	
	16:05	80° 15.046 N	121° 59.448 E	3263	3230	"	6.6	"	75.8	Jens	
	16:39	80° 12.645 N	122° 11.972 E	3404.6	3359.3	"	8.7	"	134.7	Tina	
	18:12	80° 12.350 N	122° 11.646 E	3397	3353	"	11.1	"	204	Jens	
	18:30	80° 11.802 N	122° 42.251 E	3292	3350	"	7.4	"	152	"	
	19:00	80° 6.717 N	122° 24.459 E	3420	3377	"	12.0	"	158	"	
	19:30	80° 0.988 N	122° 37.316 E	3544	3498	"	12.7	"	160	"	
	20:00	79° 55.502 N	122° 48.995 E	3494.7	3456.9	2000 - 4000	11.9	DE	160.9	Mirko	
	20:16	79° 54.587 N	122° 50.807 E	3497.7	3446.3	"	0.9	"	265.1	"	
	23:00	79° 53.708 N	122° 52.182 E	3486.6	3440.1	"	10.6	"	155.6	Tina	
	23:30	79° 48.288 N	123° 5.802 E	3458.4	3413.5	"	11.8	"	158.7	"	
	21.09.11	00:00	79° 42.689 N	123° 18.438 E	3438	3391	"	11.9	"	158.2	"
		00:30	79° 37.133 N	123° 30.838 E	3527.1	3472.5	"	11.9	"	157.3	"
		01:00	79° 31.342 N	123° 41.944 E	3525.2	3480.1	"	12.1	"	163.7	"
		03:31	79° 30.409 N	123° 46.417 E	3507.9	3468.6	"	3.6	"	105.9	Hao
04:00		79° 25.711 N	123° 50.437 E	3349.3	3302.9	"	11.9	"	168.9	"	
04:30		79° 19.669 N	123° 56.773 E	3094.8	3075.3	"	7.3	"	169.4	"	
05:00		79° 16.285 N	124° 0.118 E	3207.6	3167.5	"	11.9	"	167.6	"	
05:30		79° 10.334 N	124° 6.246 E	3191.9	3156.7	"	11.9	"	168.8	"	
05:40		79° 8.596 N	124° 7.242 E	3157.2	3146.5	"	4.2	"	68.4	"	
11:03		79° 9.092 N	124° 2.928 E	3116	3071	"	5.8	"	8.60	Jens	
11:30		79° 2.760 N	124° 12.079 E	3068	3027	"	14.1	"	159	"	
12:00		78° 57.32 N	124° 28.552 E	3040	3002	"	14.4	"	159	"	
12:30		78° 50.286 N	124° 44.714 E	3000	2960	"	14.4	"	159	"	
13:00		78° 42.641 N	124° 51.843 E	2635	2608	"	14.2	"	161	"	
13:40		78° 34.979 N	125° 9.863 E	2714	2682	"	14.2	"	160	"	
14:00		78° 30.038 N	125° 18.809 E	2640.7	2604.9	"	14.0	"	160	Tina	
14:36		78° 25.731 N	125° 28.114 E	2720.6	2693.8	"	0.4	"	272	"	
19:31		78° 35.585 N	125° 46.107 E	2842	2794	"	9.3	"	323	Jens	
20:10		78° 32.071 N	125° 21.532 E	2969	2908	"	0.9	"	319	"	
22.09.11	00:00	78° 30.812 N	125° 31.251 E	2905	2902	"	9.9	"	144	"	
	05:05	78° 21.686 N	125° 28.308 E	2741	2699	"	1.3	"	326	"	
	18:00	78°	125°			"		"		"	

11:38 station 78/276 ends WT=0

13:30 station 78/277 starts WT=0

15:57 station beended

16:41 station 78/277-2 WT=60s  
station beended WT=0

Station 278.1 wt=60s

22:48 station 278-1 beended WT=0s

01:08 station 279-1 WT=60s

03:31 station 279-1 ends WT=0

05:40 station 78/280 WT=60s

11:02 station beended

14:45 search for mooring, STANDBY

19:25 sound log

20:09 station 78/283 WT 30 20:18 WT 0

23:44 station beended

00:29 station 78/284 WT 60

05:30 station beended WT 0

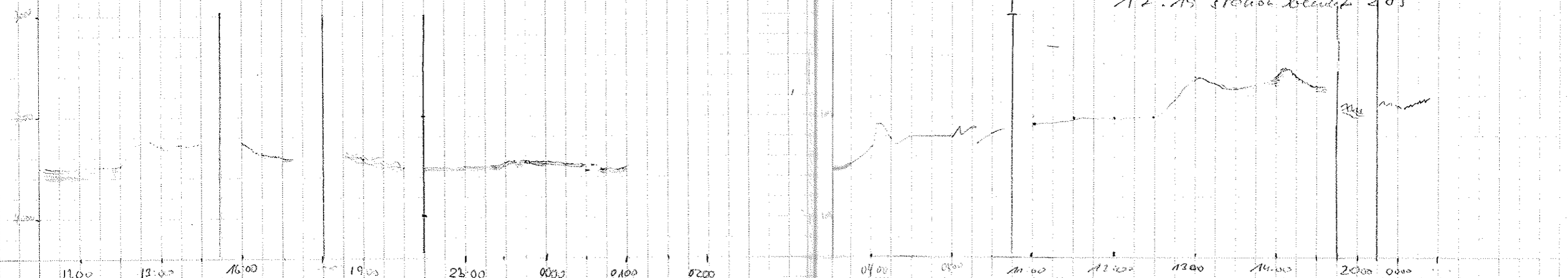
06:05 station 78/285 Standby

09:08 sound log WT 60

09:23 no depths (PHI/SCR to the manual)

09:57 0 the sound log system

12:19 station beended 285



DATE	UTC	LAT ° N	LONG °	PS	HS	RANGE	SPEED	MODE	COURSE	WATCH
22.09.11	18:00	78° 25.724	125° 2.057	27.50	270.8	2000-4000	11.3	QE	159	0200
	18:30	78° 20.182	126° 2.213	26.95	264.0	"	11.3	"	160	"
	19:00	78° 19.283	126° 13.666	26.07	256.8	"	11.5	"	160	"
	19:30	78° 9.010	126° 23.068	25.08	246.4	"	11.6	"	170	"

row 1111  
23.9.0744 ETC  
side of the test

