

BRUNNEN 

ARK-XVII/2

PARASOUND DIARY

START: 04.08.01, 09:00 GMT

END: 28.09.01, 21:46 GMT

14 232
kariert 96 Blatt



DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED kn	COURSE deg.	FREQ. kHz	PULSE	WAIT TIME	DESO	DISK CHANGE	UNCLER NAME	COMMENTS
				PSM	HSM									
04.08.01	09:00	29°13 E	81°51.8					4	4	0	1	N4	SERGEI Drachey	Table output printer does not work. Navigation data are stored on disk C:\, PS2-BARA
	09:15							-11	-11					
	09:30	29°10.6 E	81°53.8					-11	-11					
	09:45							-11	-11					
	10:00							-11	-11					
	10:15	29°03.25 E	81°57.29	3449	3453	6.2	341	-11	-11					
	10:30	29°00	81°58.5	3474	3477	4.8	340	-11	5					poor penetration
	10:45	28°56.7	81°59.8	3501	3509	4.0	344	-11	-11					
	11:00	28°53.4	82°01.2	3521	3527	5.5	342	-11	-11					
	11:15	28°52.4	82°02.47	3534	3540	5.1	340	-11	-11					
	11:30	28°48.3	82°03.6	3564	3570	7.1	345	-11	-11					
	11:45	28°45.1	82°05.2	3593	3603	5.0	340	-11	-11					
	12:00	28°41.8	82°06.6	3617	3623	4.9	342	-11	-11					
	12:15	28°38.4	82°08.0	3641	3650	7.6	343	-11	-11					
	12:30	28°35.2	82°09.4	3657	3668	6.1	341	-11	4					
	12:45	28°31.7	82°11.0	3678	3691	6.6	344	-11	-11					
	13:00	28°28	82°12.8	3715	3727	6.3	339	-11	-11					
	13:15	28°26	82°14	3735	3744	6.9	342	-11	-11					
	13:30	28°22.8	82°15.1	3750	3762	6.8	341	-11	-11					
	13:45	28°20.3	82°16.9	3749	3752	6.6	359	-11	-11					
	14:00	28°18.1	82°18	3762	3772	6.4	343	-11	-11					
	14:15	28°14	82°19.5	3780	3791	5.6	338	-11	-11					
	14:30	28°09	82°21	3809	3817	6.9	334	-11	-11					
	14:45	28°04.6	82°22.6	3842	3855	7.2	341	-11	-11					
	15:00	27°59.7	82°24.1	3844	3848	6.9	341	-11	-11					
	15:15	27°56	82°25.6	3844	3854	6.8	341	-11	-11					
	15:30	27°51.2	82°27.24	3850	3864	6.6	341.5	-11	-11					
	15:45	27°47	82°28.6	3870	3879	6.3	342	-11	3					
	16:00	27°41	82°30	3891	3899	6.5	343.3	-11	-11					
	16:15	27°37	82°31	3907	3920	6.8	341.5	-11	-11					
	16:30	27°33	82°32	3913	3914	6.6	341.5	-11	-11					
	16:47	27°27	82°34	3929	3924	5.5	340.7	-11	-11					
	17:00	27°24.5	82°35.6	3936	3944	7.2	342	-11	-11					
	17:15	27°20.5	82°37.2	3956	3966	6.0	344	-11	-11					
	17:30	27°17.3	82°38.5	3948	3958	5.2	338	-11	-11					
	17:45	27°16	82°40.3	3954	3960	5.7	1.9	-11	-11					
	18:00	27°15.6	82°41.6	3965	3973	5.1	360	-11	-11					
	18:15	27°16.0	82°43.0	3973	3985	4.7	2	-11	-11					
	18:30	27°15	82°44.5	3973	3983	6.7	20.5	-11	-11					
	18:46	27°22	82°46.3	3973	3981	6.9	352	-11	4					
	19:00	27°19	82°47.6	3989	3999	6.6	347	-11	3					
	19:15	27°16.9	82°49.0	3996	4001	6.8	358	-11	-11					
	19:30	27°12.8	82°50.5	4005	4010	4.8	346	-11	-11					
	19:45	27°11	82°51.7	4010	4017	4.7	356	-11	-11					
	20:00	27°08.3	82°52.8	4015	4024	5.2	329	-11	-11					
	20:15	27°02.5	82°54	4019	4032	5.5	327	-11	-11					
	20:30	26°57.5	82°55.08	4023	4026	5.5	326	-11	-11					
	20:45	26°57	82°56.2	4024	4030	4.8	313	-11	-11					
	21:00	26°57.4	82°57.7	4025	4033	6.4	346	-11	-11					
	21:15	26°53	82°59	4028	4035	4.8	342	-11	-11					
	21:30	26°47	83°0	4031	4037	4.4	326	-11	-11					
	21:45	26°40	83°0.1	4034	4043	5.8	353	-11	-11					
	22:00	26°37.5	83°02.4	4036	4044	6.1	333	-11	-11					

5
poor penetration since 12.02

13:55 software crash 1
13:48 start
14:07 crash 12
14:10 start

16:34 software crash 13
16:47 start

DESO changed with ~15 min delay

low penetration

19:22 crash, 19:30 start 14

5,
software crash 20:35, 20, 37-start

was strange disturbance of the signal on both PS & HS

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSE	WAIT TIME	DECO Roll	TRK CHANGE	WINCH NAME	COMMENTS
				PSM	HSM									
04.08.01	22:15	26°32.7	83°03.7	4040	4047	5.1	351	4	3	0	2		DRACHEV	
	:30	26°30.8	83°05.5	4041	4049	6.6	348	-	-	-	-			
	:45	26°31.4	83°06.5	4042	4050	6.6	2.7	-	-	-	-			
	23:00	26°31.4	83°08.0	4044	4050	6.4	355	-	-	-	-			
	:15	26°29	83°09.6	4045	4060	6.4	346	-	-	-	-			
	:30	26°25.2	83°11	4047	4053	5.6	341	-	-	-	-			
	:45	26°18	83°12	4048	4053	6.4	290	-	-	-	-			
05.08.01	00:00	26°09.7	83°13.3	4051	4058	5.4	329	-	-	-	-		DRACHEV	
	:15	26°06.9	83°14.8	4051	4056	5.5	357	-	-	-	-		DRACHEV	
	:30	26°09.5	83°16.4	4052	4060	7.0	4	-	-	-	-		DRACHEV	
	:45	26°03.0	83°17.8	4054	4061	7.0	316	-	-	-	-		DRACHEV	
	01:00	25°52.6	83°19.1	4056	4068	7.0	319	-	-	-	-		DRACHEV	
	:15	25°49.6	83°20.6	4056	4068	6.6	345	-	-	-	-		DRACHEV	
	:30	25°42.6	83°22.1	4057	4067	7.2	355	-	-	-	-		DRACHEV	
	:45	25°43.7	83°23.6	4058	4063	7.6	28	-	-	-	-		DRACHEV	
	02:00	25°40.6	83°24.8	4060	4069	8.0	339	-	-	-	-		DRACHEV	
	:16	25°32.0	83°26.6	4062	4069	7.5	293	-	-	-	-		DRACHEV	
	:30	25°20.3	83°27.0	4062	4070	6.8	308	-	-	-	-		DRACHEV	
	:45	25°09.1	83°27.9	4063	4071	6.0	314	-	-	-	-		DRACHEV	
	03:00	24°58.3	83°29.0	4064	4070	6.7	304	-	-	-	-		DRACHEV	
	:15	24°48.0	83°29.6	4064	4071	4.9	348	-	-	-	-		DRACHEV	
	:30	24°42.3	83°30.8	4063	4072	7.6	11	-	-	-	-		DRACHEV	
	03:45	24°52.8	83°31.7	4065	4070	7.0	11.9	-	-	-	-		DRACHEV	
	04:00	25°06.3	83°31.9	4064	4070	6.2	5.4	-	-	-	-		DRACHEV	
	:16	25°02.7	83°33.4	4066	4073	7.4	7.1	-	-	-	-		DRACHEV	
	:30	25°10.2	83°34.6	4067	4075	6.0	360	-	-	-	-		DRACHEV	
	:45	25°11	83°36	4068	4076	5.4	8.4	-	-	-	-		DRACHEV	
	05:00	25°14	83°37	4070	4082	4.2	10	-	-	-	-		DRACHEV	
	:16	25°16	83°39	4069	4081	6.8	1.7	-	-	-	-		DRACHEV	
	:30	25°09	83°40	4071	4080	5.1	305	-	-	-	-		DRACHEV	
	:45	24°57	83°40.6	4071	4076	6.3	284	-	-	-	-		DRACHEV	
	06:05	24°48	83°42	4072	4081	5.5	392	-	-	-	-		DRACHEV	
	:15	24°46	83°43	4072	4080	5.6	329	-	-	-	-		DRACHEV	
	:30	24°45	83°44	4072	4082	5.3	7.1	-	-	-	-		DRACHEV	
	:45	24°47	83°45.4	4071	4078	5.3	11.9	-	-	-	-		DRACHEV	
	07:00	24°47	83°46.7	4071	4079	4.8	2	-	-	-	-		DRACHEV	
	:15	24°47.2	83°47.8	4071	4076	5.1	2.2	-	-	-	-		DRACHEV	
	:30	24°51.6	83°49	4071	4076	6.2	18.5	-	-	-	-		DRACHEV	
	:50	25°04	83°51	4071	4084	7.1	347	-	-	-	-		DRACHEV	
	08:00	25°0	83°51.6	4071	4083	7.0	321	-	-	-	-		DRACHEV	
	:15	24°45	83°52.2	4071	4081	5.7	299.7	-	-	-	-		DRACHEV	
	:30	24°33.1	83°52.9	4071	4081	5.0	297.1	-	-	-	-		DRACHEV	
	:45	24°27.7	83°54.	4071	4085	6.1	325.4	-	-	-	-		DRACHEV	
	09:28	24°22.2	83°57.6	no signal	4071	4077	6.3	335	-	-	-		DRACHEV	
	:46	24°19.2	83°59.4	4071	4080	5.9	343	-	-	-	-		DRACHEV	
	10:00	24°10	84°00	4071	4084	5.2	315	-	-	-	-		DRACHEV	
	:15	24°02.4	84°01.6	4071	4081	5.9	339	-	-	-	-		DRACHEV	
	:30	24°01.7	84°02.7	4070	4089	6.6	71.3	-	-	-	-		DRACHEV	
	:46	24°09.8	84°03.7	4070	4079	6.3	349.0	-	-	-	-		DRACHEV	
	11:00	24°06.7	84°04.9	4070	4082	5.7	338	-	-	-	-		DRACHEV	
	:15	23°50.9	84°05.8	4070	4079	5.4	268	-	-	-	-		DRACHEV	
	:30	23°47	84°06	4069	4080	5.6	1.8	-	-	-	-		DRACHEV	
	:45	23°45	84°07.8	4068	4077	6.7	325.1	-	-	-	-		DRACHEV	

DATA and PS2-PARA were restarted

restart "Paradigma" / 6
 restart "Paradigma" / 7
 restart "Paradigma" / 8

Shevchenko
 On line profile output printer was out of the operation for 4 hours

03:35 structure

05:50-crash, 05:55-start / 10

07:51-crash, 07:54-start / 11

8:48 crash, 9:00 restart
 8:52-start, 8:53-crash, 9:05 restart / 12

Michaela Back

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSE	WAIT TIME	DESC. PROJ.	TANK CHANGE	WINCHER NAME	COMMENTS
				P&M	H&M									
05.08.01	12:00	23° 35' E	84° 08.9	4068	4088	6.5	334	4	4	0			Spillings	
	15	23° 25'	84° 10.3	4069	4075	7.4	304							
	30	23° 15'	84° 11.5	4068	4078	5.9	279							
	45	23° 05'	84° 12.4	4067	4078	5.8	341							
	13:00	23° 00'	84° 13.7	4065	4076	5.1	341							
	13:50	22° 48'	84° 16.6	3868	3886	4.4	327							
	14:00	22° 43'	84° 17.3	3833	3845	6.0	317							
	18	22° 36'	84° 18.3	3615	3666	7.2	329							
	32	22° 33'	84° 19.8	3988	4077	3.4	355							
	47	22° 36'	84° 21.1	4064	4076	7.4	342							
	15:00	22° 28'	84° 22	4065	4078	6.6	250							
	15:25	22° 02'	84° 22	4065	4077	6.8	287							
	15:45	21° 51'	84° 24	4065	4075	7.4	357							
	16:00	21° 50'	84° 26	4065	4080	6.8	7.3							
	16:15	21° 50'	84° 28	4061	4070	7.5	356							
	16:30	21° 43'	84° 29	4063	4072	7.3	342							
	16:45	21° 39'	84° 31	4064	4073	7.0	6.7							
	17:00	21° 43'	84° 32	4062	4083	6.6	21.7							
	17:15	21° 54'	84° 33	4061	4075	3.8	57.9							
	17:30	22° 03'	84° 34	4061	4075	6.3	26.6							
	17:45	22° 18'	84° 35	4058	4072	5.2	63.2							
	18:00	22° 22'	84° 36	4056	4306	4.0	327.5							
	15	22° 20'	84° 36	4058	4071	4.1	6.5							
	30	22° 23'	84° 38	4059	4071	6.0	17.2							
	45	22° 16'	84° 39	4060	4075	6.3	34.5							
	19:00	22° 03'	84° 39	4059	4071	5.3	248.8							
	19:15	21° 54'	84° 40	4060	4073	6.4	28.8							
	30	22° 03'	84° 41	4059	4073	5.5	26.3							
	46	22° 02'	84° 42	4058	4066	4.1	31.0							
	20:00	21° 58'	84° 43	4057	4068	3.5	288.2							
	15	21° 54'	84° 43	4058	4073	3.9	30.4							
	30	22° 05'	84° 43	4057	4073	5.7	68.8							
	45	22° 10'	84° 45	4056	4066	4.5	335.3							
	21:00	22° 03'	84° 46	4042	4047	5.7	334.3							
	15	21° 57'	84° 47	4056	4069	5.5	29.6							
	50	21° 45'	84° 48	4056	4068	5.0	282.9							
	45	21° 30'	84° 48	3828	3830	5.5	291.0							
	22:00	21° 22'	84° 49	3875	3883	5.7	348.8							
	15	21° 21'	84° 50	4036	4086	4.4	16.4							
	30	21° 30'	84° 52		4188	5.8	42.1							
	46	21° 38'	84° 53	4223	4236	5.6	61.0							
	23:02	21° 46'	84° 54	4198	4223	5.4	25.9							
	15	21° 47'	84° 54	4211	4237	4.9	357.3							
	30	21° 41'	84° 56	4231	4248	5.3	345.9							
	45	21° 37'	84° 57	4207	4275	5.1	7.7							
06.08.01	00:00	21° 26'	84° 59'	3910	3945	6	350							
15	21° 11'	85° 00		3880	3886	3.6	309							
30	20° 58'	85° 01		4124	4124	5.9	323							
45	20° 49'	85° 02	4137	4157	5.5	333								
01:00	20° 49'	85° 03	4196	4219	7.0	15								
15	20° 54'	85° 04		4122	6.5	34								
30	21° 04'	85° 05	3915	3943	7.2	60								
45	21° 10'	85° 06	4045	4087	5.9	356								

Restart for sensor operation / 13
14:47 restart after crash

First seamounts

ANETTE BÜCHL

1st restart / 14

Michaela Bock

crash 19:09 restart 19:12 / 15

Tom Schmitz

20:50 Signal lost
21:00 Signal o.d. 21:00 Restart
21:36 Signal lost 21:41 Signal o.d.

N5

A. Winkler

22:30 Change Handline 4, Now N5
23:24 Reboot; Restart at 23:27
sediment-filled basin!

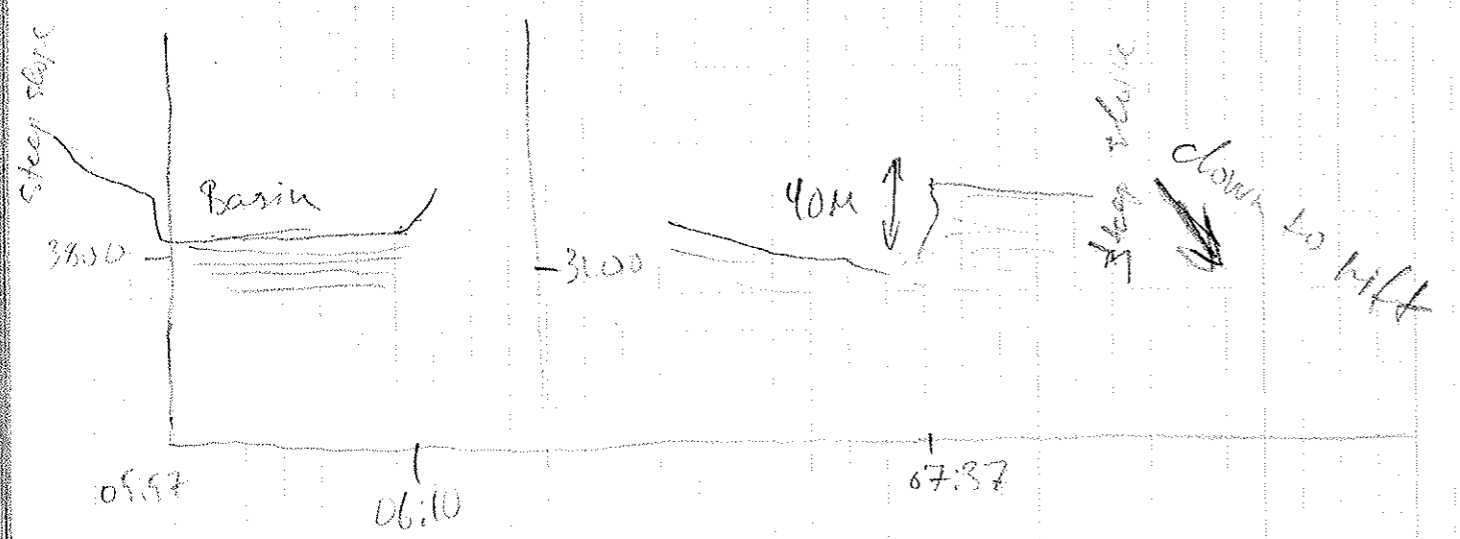
Vl. Shevchenko

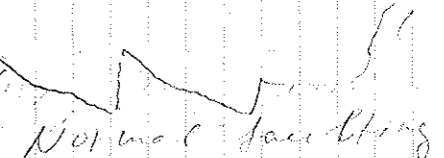

20:50 - dome

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. kHz	PULSE	WAIT TIME	DISC. ROLL	DISK CHANGE	WANCHER NAME	COMMENTS
				P&M	H&M									
06.08.01	02:00	20° 59'	85° 08'	4249	4254	4.5	332							
	:15	20° 50'	85° 09'		3766	6.8	346							
	:30	20° 37'	85° 10'	3791	3846	5.6	307							
	:45	20° 26'	85° 11'	3934	3946	6.8	300							
03:00	20° 07'	85° 11'	3876	3899	6.5	275								
	:15	20° 02'	85° 12'	3784	3814	6.7	44							
	:30	20° 15'	85° 13'	3905	3931	5.9	32							
	:45	20° 12'	85° 14'	3942	3950	5.1	22							
04:00	20° 14'	85° 15'	3989	3949	3.3	27								
	:15	20° 30'	85° 16'	3855	3837	5.8	53	4	4	0	2	N5		
	:30	20° 43.5'	85° 16.4'	0	3804	6.3	54							
	:45	20° 45.6'	85° 17.8'	0	3667	5.6	9.3							
05:00	20° 49'	85° 19.3'	3240	3248	6.1	354								
	:18	20° 44.2'	85° 20.5'	0	2776	4.1	295							
	:30	20° 31'	85° 21'	2779	2804	6.0	288							
	:45	20° 13'	85° 21.4'	0	3616	6.7	279							
06:00	19° 57'	85° 21.4'	3808	3819	5.9	315								
	:19	19° 37'	85° 22'	0	3591	5.3	260							
	:30													
	:45	19° 08'	85° 21.5'	3371	3381	6.6	269							
07:00	19° 49'	85° 22'	3129	3158	5.7	278								
	:16	18° 34'	85° 22'	2923	2979	5.5	278							
	:30	18° 26'	85° 23'	3131	3123	4.7	27.3							
	:45	18° 16'	85° 24'	3226	3325	6.7	334							
08:00	18° 12'	85° 25'	3350	3328	5.7	327								
	:15	17° 58.8'	85° 26.3'	3815	3890	5.8	306							
	:30	17° 47.3'	85° 27.3'	3890	3920	4.2	333							
	:45	17° 33.4'	85° 28.5'	3866	3820	6.3	3.5							
09:00	17° 28.6'	85° 29.4'		3374		5.1	292.2							
	:15													
	:30	17° 02.2'	85° 31.3'	3164	3213	6.0	309.9							
	:45	16° 48'	85° 31.6'	3602	3610	5.5	296.7							
10:00	16° 34'	85° 31.3'	3924	4028	4.0	239.5								
	:15	16° 18.04'	85° 30.8'	4317	4444	6.0	20.1							
	:30	16° 13.4'	85° 30.9'		466.1	6.1	288							
	:45	16° 14.4'	85° 31.9'	4224	4727	4.8	4.3							
11:00	16° 11.2'	85° 33.0'	4781	4834	5.7	38.3								

DRACHEV
 Steep topography, courses of the signal
 Too steep topography with amplitudes of 500-1000m
 No signal
 06:22 - crash, 06:32 steep 18

no signal
 no change of depth, even with NIS
 to 900 everything!
 to changing the depth range (10-2000)
 to 9:30 not the signal back (depth range: 5000)
 10.10 signal back in the right valley after courses of the signal



DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KM	COURSE deg.	FREQ. KHZ	PULSE	WAIT TIME	DESC. ROLL	TRK CHANGE	WINCHER NAME	COMMENTS	
				P5M	H5M										
6.08.01	11 15	16° 26.2	85° 34	4552	4589	6.0	40.7							Switch to 10000 m at 11.50 In the rift valley lava-generated features?  Normal faulting? Fish very bad Dada  At 16:17 [a short time (1-2 min)] the ship was going backwards! ! around 16:30, TV-prob sent down to the deck and crew explored seabottom... will he ever come back? V. Schmidt " G. Kapinos B. ... V. Shevchenko	
	30	16° 37.2	85° 35.1	4670	4698	5.6	12.6								
	45	16° 46.8	85° 36	4820	4638	3.9	17.8								
	12 08	16° 34	85° 37	4597	4621	6.5	30.7	4	4	0	2	5			
	19	16° 15.9	85° 3	4538	4357	6.3	3.59								
	30	16° 15.3	85° 39	4153	4122	6.3	2.7								
	45	16° 06.8	85° 39.6	3966	4016	4.6	1.7								
	13 00	16° 03	85° 11.1	0	3713	6.9	34.1								
	15	15° 53	85° 42	2366	3384	6.1	33.0								
	38	15° 36	85° 44	0	3413	5.4	2.75								
	45														
	14 00	15.17	85° 44		3776	2.6	280								
	15	15.06	85.44		3262.0	2.8	232								
	30	15.04	85° 44		3267.0	5.0	158.1								
	45	15° 18	85° 43		3743.0	10.7	89.1								
	15 00	15° 34	85° 42		3384.0	9.5	136.5								
	15	16° 12	85° 41		3337.0	5.1	192.5								
	30	16° 18	85° 39	3654	3947.0	7.3	141.1								
	45	16° 16	85° 38		4173.0	5.1	215.0								
	16 00	16° 11	85° 37		4325.0	6.0	137.0								
	15	16° 12 154	85° 36.564	4495	4510	0.3	167								
	30	16° 11 634	85° 35.708	4584	4636	5.2	174								
	45														
	17 00	16° 14 674	85° 34.739	4400	4463	0	155.5								
15	16° 14 147	85° 34.401	4380	4464	0	183.5									
30	16° 14 440	85° 34.060	4345	4443	0	110									
45															
18 00															
15															
30	16° 14 561	85° 34.071	4630	4704	"	"									
45	"	"	"	"	"	"									
19 00	"	"	4636	4704	"	"									
15	16° 13.7 E	85° 33.26	4664	4707	"	"									
30	16° 13.6 E	85° 33.6	4672	4702	"	"									
45	16° 13.5 E	85° 33.22	4684	4723	"	"									
20 00	16° 13.23 E	85° 33.17	4692	4722	"	"									
15															
30	16° 12' 29	85° 33' 60	4711	4730	11	23.7	4	4							
45															
21 00	16° 11' 36	85° 33' 52	4731	4728	11	11	4	4							
15															
30	16° 10' 05	85° 33' 42	4760	4834	11	11	11	11							
45															
22 00	16° 08.15	85° 33.35	4790	4843	11	23.6									
15	16° 08.190	85° 33.323	4805	4860	11	23.6									
30	16° 08.200	85° 33.377	4647	4750	2.4	13.8									
45															
23 00															
15	16° 08.17	85° 33.17	4617	4652	0	25.6									
30															
45	16° 08.243	85° 33.1	4628	4635	0	10.5									
24 00	16° 09.3	85° 32.1	4631	4664	1.6	122									
15	16° 12.1	85° 31.9	4715	4720	0	162									
1: 00	16° 13.3	85° 31.9	4693	4717	0	162									

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED kn	COURSE deg.	FREQ. kHz	PULSE	WAIT TIME	DESO ROLL	DISK CHANGE	WATCHER NAME	COMMENTS
				P5M	H5M									
7.08.01	01:30	16°14'	85°32'	4614	4675	0	162	4	4	0	2	5	Shevchenko	01.40 - Start of movement
	02:15	16°46'	85°30'	3305	3340	2.6	102							Station (Petrology)
	:30	16°50'	85°30'	3164	3189	0.6	101							
	:45	16°51'	85°30'	3021	3098	0.5	112			60				
	03:30	16°58'	85°30'	2994	3042	3.2	107							
	04:00	17°03'	85°29'	2801	2930	0.9	111				3		DRACHEV	04.20-30 DESO ROLL N2 changed to N3
	04:30													
	05:30	17°06'	85°29'	3096	3036	0	124	4	5	0				
	06:00	17°07'	85°29'	3036	3091	2	144							Station is over
	:15	17°05'	85°29'	3023	3067	1.5	73							Heavy ice, Noise
	:34	16°54'	85°30'	2967	2920	5	301							No signal, 1
	:45	16°44'	85°30'	0	3345	5.7	270							
	07:00	16°29'	85°30'	0	3781	5	221							
	:15													
	:30	15°52'	85°30'	4654	4681	9.4	269	4	5				K. Müller	
	:45	15°29'	85°29'	4920	4970	3.7	300	4	5	60				7:55 Wait Position 85°29, 83 N 15°25, 15 E
	08:00	15°25'	85°29'		4910	0	243							
	:15	" "	" "		4910	0	244							
	:30	15°24'	85°29'	4878	4932	0	241							
	:45	15°24'	85°30'	4860	4927	0	233	4	4					
	09:00	15°25'	85°30'	4864	4945	0	225							A voids found
	:15	15°25'	85°30'	4860	4938	1.4	46.1			0				
	:30	15°15'	85°29'	4904	4949	5.9	248.6							9:18 Start of movement
	:45	14°59'	85°29'	4802	4829	6.0	211.7							9:48 restart, temporary loss of signal / 19
	10:00	14°50'	85°27'	4706	4739	5.7	205.8							
	:15	14°44'	85°26'	4836	4885	5.8	206.0							
	:30	14°38'	85°25'	5002	5015	5.1	239							
	:45	14°32'	85°24'	4996	4972	6.0	162							
	11:00	14°30'	85°22'	4958	4945	4.9	211							
	:15	14°31'	85°21'	3753	3852	0.0	234.5							no signal till 11:14
	:30	14°31'	85°20'	4324	4378	5.0	253.6							
	:45	13°55'	85°20'	4713	4705	5.1	233							
	12:00	13°43'	85°20'	4924	4930	5.7	308							
	:15	13°21'	85°21'	4740	4823	1.6	263							
	:30	13°16'	85°21'	4164	4810	8.2	230							
	:45	13°14'	85°20'	4426	0	0.0	121							
	13:00	13°10'	85°18'	0	4678	5.7	143							
	:15	13°18'	85°17'	4168	4227	5.4	210.6	4	4					
	:30	13°12'	85°15'	0	4264	5.9	147	4	4					
	:45	13°09'	85°14'	3924	4547	5.7	217.8	4	4					
	14:00	13°02'	85°13'	4739	4835	5.9	227.3	4	4					
	:15	12°47'	85°11'	4852	4981	5.2	216.7	4	4					14:08 software's crash / 19
	:30													14:03 start
	:45	12°84'	85°11'	4045	4514	2.4	6							
	15:00	12°14'	85°10'	4308	4351	5.1	198							
	:15	11°55'	85°09'	4105	4120	6.5	230							
	:30	11°51'	85°08'	4021	4047	5.3	191							
	:45	11°38'	85°08'	4195	4239	6.5	245							
	16:00	11°25'	85°06'	4135	4139	5.1	220							
	:15	11°11'	85°07'	4253	4276	6.2	289							
	:30	10°58'	85°07'	4162	4184	3.7	282							
	:45	10°42'	85°07'	3926	3901	0	240			60				Station Change of Disk 5 to disk 2
	17:00	10°46'	85°06'	39120	3938	0.4	153						J. J. J.	

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSE	WAT. TIME	DECO ROLL	DRK CHANGE	WINCHER NAME	COMMENTS
				P5M	H5M									
7.8.01	17:09	10°52'	85°06'	3980	4026	2.4	110	4.0	4	0	3	Phillip Janze	→ leaving station	
"	17:22	10°54.23	85°06'	84040	4074	3.5	345	"	"	"	"	"	"	
"	17:37	10°53.1	85°06.2	4014	4034	6.2	252	"	"	"	"	"	"	
"	17:50	10°53.8	85°05	4044 4100	4125	8.5	200.8	"	"	"	"	"	"	
"	18:17	10°52.8	85°04	0	3804	5.5	214	"	"	"	"	"	signal lost	
"	18:29	10°52.0	85°02	3350	3497	7.1	208	"	"	"	"	"	"	
"	18:44	10°52.1	85°01	3767	3783	7.0	121	"	"	"	"	"	"	
"	19:00	10°23.707	84°59.925	4286	4509	5.0	248.8	"	"	"	"	Yongjun Gao	"	
"	19:15	10°11.809	84°59.034	0	4278	5.8	271.0	"	"	"	"	"	"	
"	19:30	10°01.310	84°58.536	0	3947	2.6	235.8	"	"	"	"	"	"	
"	19:45	9°55.222	84°57.391	0	4067	5.1	153.1	"	"	"	"	"	"	
"	20:00	9°48.281	84°57.367	0	3765	6.6	243.6	"	"	"	"	"	"	
"	20:15	9°34.678	84°57.921	0	3719	5.9	220.7	"	"	"	"	"	"	
"	20:30	9°24'	84°57.81	0	3534	6.5	323.1	"	"	"	"	"	"	
"	20:45	9°21.05	84°58.31	0	3480	1.7	316.3	"	"	"	"	"	"	
"	21:00	9°29.65	84°57.78	0	3490	2.4	159.5	"	"	60	"	Whiteford	Dredge Position 5	
"	21:30	9°25.314	84°57.89	0	3539	0.4	284	"	"	"	"	"	"	
"	22:00	9°26.091	84°58.002	0	3552	0.9	683	"	"	"	"	"	"	
"	22:30	9°18.906	84°57.955	0	2520	1.2	105	"	"	"	"	"	"	
"	23:00	9°32.7	84°57.6	-	3678	1.2	170	"	"	"	"	"	"	
"	23:30	9°36.4	84°57.3	-	3592	1.2	114	"	"	"	"	"	"	
"	23:45	9°39.6	84°57.2	-	3671	0.6	69	"	"	"	"	"	"	
"	24:00	9°41.3	84°57.3	-	3688	0.5	77	"	"	"	"	"	"	
8.8.01	00:45	9°43.2	84°57.4	-	3710	2.4	316	"	"	0	"	"	"	
"	01:00	9°41.2	84°57.8	3684	3719	7.1	328	"	"	"	"	"	"	
"	01:15	9°44'	84°59.6	3549	3590	9.1	11	"	"	"	"	"	"	
"	01:30	9°38.4	85°00.9	-	4218	3.1	2	"	"	60	"	"	"	
"	01:45	9°39.3	85°00.9	-	4220	0.6	134	"	"	"	"	"	"	
"	02:00	9°39.8	85°00.9	4031	4116	0.7	125	"	"	"	"	"	"	
"	02:15	9°44.1	85°00.7	3864	3883	0.7	140	"	"	"	"	"	"	
"	02:30	9°48.8	85°00.9	3701	3745	1.5	122	"	"	"	"	"	"	
"	02:45	9°54'	85°00	2613	3744	0	126	"	"	"	"	"	"	
"	03:00	9°54'	85°00	0	3831	0	136	"	"	"	"	"	"	
"	03:15	9°54'	85°00	0	3797	0.8	247	"	"	"	"	"	"	
"	03:30							"	"	"	"	"	"	
"	03:45							"	"	"	"	"	"	
"	04:00							"	"	60	"	"	"	
"	04:15	9°46'	84°59.4	3702	3736	3.6	173	"	"	"	"	"	"	
"	04:30	9°40'	84°58.5	3775	3789	2.7	201	"	"	"	"	"	"	
"	04:45	9°32.8	84°58	3538	3622	7.7	220	"	"	"	"	"	"	
"	05:00	9°24'	84°55'	3620	3652	6.5	335	"	"	"	"	"	"	
"	05:15							"	"	"	"	"	"	
"	05:30							"	"	"	"	"	"	
"	05:45							"	"	"	"	"	"	
"	06:00							"	"	60	"	"	"	
"	06:15							"	"	"	"	"	"	
"	06:30							"	"	"	"	"	"	
"	06:45							"	"	"	"	"	"	
"	07:00							"	"	"	"	"	"	
"	07:15							"	"	"	"	"	"	
"	07:30							"	"	"	"	"	"	
"	07:45							"	"	"	"	"	"	
"	08:00	9°03	84°59	4078	4145	2.3	279	"	"	0	"	"	"	
"	08:15	8:57	84°58	3963	4073	4.6	233.7	"	"	"	"	"	"	
"	08:30	8:50	84°57	3911	3961	5.1	248.9	"	"	"	"	"	"	
"	08:45	8:41	84°57	4265	4410	6.1	279.3	"	"	"	"	"	"	
"	09:00	8:23	84°58	0	4961	6.2	250.0	"	"	"	"	"	"	
"	09:15	8:14	84°56	0	4748	5.9	234.8	"	"	"	"	"	"	
"	09:30	8:03	84°56	4665	4927	3.7	211.8	"	"	"	"	"	"	
"	09:45	7:59	84°55	0	4998	5.3	275.6	"	"	"	"	"	"	
"	10:00	7:44	84°56	4853	5098	5.3	273.9	"	"	"	"	"	"	

STATION IS OVER AT 06:00

6:10 crack, 6:14 start
stop to wait for Hoily
start profile

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ.	PULSE	WAIT TIME	DISC. ROLL	DISK CHANGE	WINCHER NAME	COMMENTS	
				P5M	H5M										
8.8.01	11:00	7°31'	84°55'	4704	5016.0	5.7	234.0	40					MARTOK J		
	11:07	7°19'	84°54'	4853	4744.0	2.6	214.	"							
	11:35	7°15'	84°53'	4856.0	4874.0	4.8	156	"							
	11:45	7°10'	84°52'	4820.0	4788.0	3.7	259	"							
	12:00	7°02'	84°52'	4781.0	4728.0	4.8	280	"							
	12:15	6°46'	84°52'	4142.0	4108.5	3.1	245	"							
	12:30	6°33'	84°51'	4020	4760	4.3	269	"							
	12:45	6°29'	84°51'	4247	4206	5.5	466	"							
	13:00	6°25'	84°50'	3942	3900	2.8	208	"							
	8.8.01	13:15	6°17'	84°50'	3955	3996	3.9	258.3	"						
	13:30	6°03'	84°49'	4072	4144	6.8	291.8	"							
	13:45	5°49'	84°49'	3240	4248	6.0	231.9	"							
	14:00	5°35'	84°49'	3840	4656	4.9	253.3	"							
	14:15	5°20'	84°49'	4139	5176	5.8	263.2	"							
	14:30	5°10'	84°48'	4139	5138	6.0	225.2	"							
14:45	5°02'	84°47'	5029	4927	2.4	234	"								
15:00	5°00'	84°46'	5036	5036	7.4	226.0	"								
8.8.01	15:15	5°03'	84°45'	4289	4913	2.6	202.3	"							
15:30	5°01'	84°44'	4538	4673	0.4	45.8	"								
15:45	4°59'	84°44'	4573	4614	3.1	89.8	"								
16:00	4°58'	84°44'	4673	4852	5.3	156.	"								
16:30	4°58'	84°44'	4965	4965	5.8	198.4	"								
16:45	5°01'	84°44'	3888	3888	7.0	182.7	"								
17:00	5°06'	84°42'	3446	3446	6.8	125	"								
8.8.01	17:15	5°19'	84°39'	3163	3182	5.8	190.9	"							
17:30	5°19'	84°38'	3032	3032	5.8	152.3	"								
17:45	5°18'	84°38'	3040	3040	2.8	274.2	"								
18:15	5°07'	84°39'	3734	3734	0.2	350.7	"								
9.8.01	04:00	5°14'	84°39'	2830	2845	0	167	"	60						
05:00	5°17'	84°39'	2922	2933	5.8	60	"	0							
05:30	5°24'	84°39.7'	2961	6775	7	61	"								
05:51	5°36'	84°41'	0	0	0.5	261	"								
06:00	5°36'	84°40.12'	0	0	4	114	"								
06:15	5°50'	84°39'	3090	3767	4.5	134	"								
06:31	5°46'	84°38'	3574	0	7.9	254	"								
07:00	5°28'	84°39'	3283	0	1.4	196	"								
07:15	5°18'	84°36'	2873	0	5.0	199	"								
07:30	5°05'	84°34'	0	0	5.8	190	"								
07:45	4°53'	84°34'	2700	0	2.7	217	"								
08:00	4°45'	84°33'	2834	0	5.7	169	"								
08:15	4°37'	84°32'	2716	0	6.2	235	"								
08:31	4°26'	84°31'	3260	0	6.1	179	"								
08:45	4°19'	84°31'	3327	0	3.3	214	"								
09:00	4°12'	84°30'	3723	3723	8.3	268	"								
09:15	3°49'	84°29'	3903	3751	7.2	211	"								
09:30	3°44'	84°28'	3804	3967	4.3	261	"								
09:45	3°33'	84°27'	3711	3982	4.0	330	"								
10:00	3°20'	84°28'	3667	3740	8.5	268	"								

11:35 Restart / 20
 PRINTER WAS NOT WORKING DURING TWO HOURS.

16:15 Restart / 21
 16:30 Restart / 22

Computer shut down because of power
 ship's station and is not working. Restart
 17:55 Restart / 23, 24
 Restart
 ship at station, waiting time

dredging till midnight
 Dredging and heat flow
 station is over.

8.20 Restart / 25
 8.30 Restart / 26

N. Augustin

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSE	WAIT. TIME	DISC. ROLL	DISK CHANGE	WINCHER NAME	COMMENTS
				P5M	H5M									
9.08.01	10:15	3°03'	84°28'	3785	3807	9.7	254	40						
	10:30	2°46'	84°27'	4004	4107	7.8	160	"						
	10:45	2°42'	84°26'	3728	3792	7.5	143	"						
	11:00	2°23'	84°25'	.0	3595	9.1	268	"						
	11:15	2°20'	84°25'	3998	4104	0.4	128.9		60					We came to a waiting point to meet Healy.
	11:30	2°21'	84°25'	3941	4016	0	312.2							
	13:54	2°04'	84°26'	3744	0	4.9	232		0					Start seismic
	14:00													
	:20	2°10'	84°23.7'	0	3779	6.2								
	:30	2°02'	84°24'	3240	3590	5.6	266							
	:45	1°49'	84°23'	0	3646	5.5	220							14:33 - chash
	15:00	1°34'	84°22'	3093	3106	6.1	244							14:39 - restart (27)
	:15	1°16'	84°21'	3963	3088	6.1	188							
	:30	1°05'	84°20'	3215	3297	5.5	185							
	:45	1°25'	84°16'	3672	3689	5.8	105							
	16:00	1°27'	84°18'	3811	3809	2.0	150							
	:15	1°29'	84°16'	3943	3929	6.0	195							
	:30	1°33'	84°15'	3712	3751	4.9	112							
	:45	1°24'	84°11'	3861	4034	6.0	238							
	17:00	1°13'	84°13'	3954	3941	5.8	244							
	:15	1°03'	84°13'	4084	4199	4.9	271							Michaela Jar
	:30	0°52'	84°13'	3986	3949	5.1	210							
	:45	0°46'	84°12'	4148	4175	6.7	184							
	18:00	0°46'	84°10'	4100	4107	6.0	172							
	:15	0°39'	84°10'	4009	4024	3.7	259							
	:30	0°34'	84°10'	4023	4048	3.3	276							
	:45	0°23'	84°09'	4234	4272	5.0	229							
	19:01	0°20'	84°08'	3977	4026	7.5	150							
	:15	0°31.9'	84°08'	3722	3770	6.3	77							
	:30	0°43.5'	84°07'	3450	3470	5.9	200							
	:45	0°37'	84°06'	3400	321	5.6	245.9							
	20:00	0°25'	84°06'	3534	3554	5.9	288							
	:15	0°12'	84°06.5'	3632	3686	5.4	223.7							
	:30	0°02'	84°06.75'	3877	3870	5.4	196.4							
	:45	0°01'	84°04'	3606	3628	2.9	200.4							
	21:00	0°07'	84°04'	3650	3669	0.4	347.8							
	:15	0°02'	84°05'	3754	3862	3.9	19							
	:30	0°00'	84°06'	3952	3985	2.7	42.6							
	:45	0°03'E	84°06'	3974	3962	3.9	333.2							
	22:00	0°02.75'E	84°07.11'N	3945.2	0	1.2	205.4							
	:15	0°11.032'E	84°7.22'N	3896	3924	5.4	68.8							
	:35	0°16.18'E	84°07.15'N	3756	0	0.2	27.7		60					
	23:30													

Hard disc #2 was changed to #3.
 Again a problem with a ink jet printer cartridge. Online Prof printer. The colours are missing.
 Printer was changed to old one.
 DJ 560 C

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSE	WAIT TIME	DECO ROLL	DISK CHANGE	WATCHER NAME	COMMENTS
				P&M	H&M									
10.08.01	10:30	0° 29.3	84° 07.8	3725	3778	4.7	78.5	1	1	0				Station is over
	10:45	0° 32.1E	84° 08.6	3801	3840	5.2	311.8							
	11:00	0° 26.3	84° 09.1	3874	3939	5.4	192.3	4	3				Anna Ksienyuk	11:14 Waiting for helicopter
	11:15	0° 26.3	84° 08.9	3874	3901	0.3	311.4	4	2	60				
	11:30	0° 26.3	84° 08.9	3858	3903	0	166.1	4	2					
	11:45	0° 26.2	84° 08.9	3839	3914	0.5	167.7	4	3					12.18 End of station
	12:00	0° 26.1	84° 08.9	3839	3893	0	160.9	4	3					
	12:15	0° 26.2	84° 08.9	3838	3915	0	161.1	4	3					
	12:30	0° 25.5	84° 09.2	0	4045	1.7	152.2	4	3	0				12.48 Restart / 28
	12:45	0° 29.2	84° 09.1	3860	3938	0.9	113.0	4	3					12.50 Restart / 29
	13:00	0° 29.6	84° 08.8	3885	3948	3.7	116.7	4	3					12.52 " / 30
	13:15	0° 29.8E	84° 08.6	3590	3626	4.0	164.7	4	3					12.56 " / 31
	13:30	0° 26.1E	84° 06.6	3643	3563	3.7	296.7	4	3					
	13:45	0° 16.5E	84° 05.7	0	3660	5.7	273.2	4	3					
	14:00	0° 07.7E	84° 05.3	3604	3669	5.0	230	4	3					
	14:15	0° 04.7W	84° 04.8	3650	3717	4.6	170	4	3					
	14:30	0° 10.3W	84° 03.7	0	4075	2.6	274	4	3					
	14:45	0° 15.4W	84° 02.8	0	4005	6.2	229.3	4	3					
	15:00	0° 24.22W	84° 02.0	3702	3748	4.0	245.7	4	3				Gerhard Kopina	
	15:30	0° 34.87W	84° 00.0	3615	3675	4.0	228.5	4	3					
	15:45	0° 33.91W	84° 00.4	3682	3765	4.0	211.4	4	3					
	16:00	0° 42.73W	85° 58.4	3698	3754	5.4	153.6	4	3					16:00 restart / 32
	16:15	0° 40.56W	85° 58.31	3791	3854	0.2	315	4	3					
	16:30	0° 40.94W	85° 58.16	3769	3857	0.9	228.7	4	3					
	16:45	0° 41.40W	85° 58.11	3760	3929	0.9	45.7	4	3					
	17:00	0° 41.27W	85° 58.21	3724	3815	0.0	163.8	4	3					
	17:15	0° 41.15W	85° 58.22	3782	3815	0.0	163.9	4	3					
	17:30	0° 41.23W	85° 58.23	3773	3815	0.0	163.2	4	3					
	17:45	0° 41.21W	85° 58.23	3773	3815	0.0	163.2	4	3					
	18:00	0° 41.21W	85° 58.23	3773	3815	0.0	163.2	4	3					
	18:15	0° 41.21W	85° 58.23	3773	3815	0.0	163.2	4	3					
	18:30	0° 41.21W	85° 58.23	3773	3815	0.0	163.2	4	3					
	18:45	0° 41.21W	85° 58.23	3773	3815	0.0	163.2	4	3					
	19:00	0° 41.21W	85° 58.23	3773	3815	0.0	163.2	4	3					
	19:15	0° 41.21W	85° 58.23	3773	3815	0.0	163.2	4	3					
	19:30	0° 41.21W	85° 58.23	3773	3815	0.0	163.2	4	3					
	19:45	0° 41.21W	85° 58.23	3773	3815	0.0	163.2	4	3					
	19:55	0° 41.21W	85° 58.23	3773	3815	0.0	163.2	4	3					
	20:00	0° 51.55W	85° 55.45W	3444	3444	2.5	105.5	4	3					
	20:15	0° 56.18W	85° 54.82	3395	3404	4.3	206	4	3					
	20:30	1° 05.31W	85° 54.77	3391	3441	4.5	261	4	3					
	20:45	1° 04.20W	85° 54.21	3395	3464	3.8	128	4	3					
	21:00	1° 04.50W	85° 54.16	3381	3457	4.6	120	4	3					
	21:15	1° 26.07W	85° 53.96	3156	3190	3.9	185	4	3					
	21:30	1° 26.98W	85° 53.72	3152	3220	5.0	215	4	3					
	21:45	1° 32.10W	85° 51.83	0	3100	6.3	240	4	3					
	22:00	1° 45.38W	85° 52.07	2255	2885	15.6	349	4	3					
	22:15	2° 00.10W	85° 51.04	3203	3245	5.8	278	4	3					
	22:30	2° 01.05W	85° 50.86	3152	3200	5.2	220	4	3					
	22:45	2° 07.9W	85° 49.6	3227	3244	6.3	249	4	3					
	23:00	2° 18.2W	85° 49.6	3540	3774	3.6	220	4	3					
	23:15	2° 22.2W	85° 48.7	3540	3751	3.2	184	4	3					
11.08.01	00:00	2° 23.3W	85° 48.0	3315	3592	2.2	188	4	3					23:50 "Paradigma" restart / 34

Station to next station, wrong course because Gain Control seems to be broken! Everything has gone loose! it is not remote! (repair at 15:50)

heavy ice, stopping, going backwards...

Vl. Sherchenko 23:20 "Paradigma" restart / 35

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. kHz	PULSE	WIND TIME	DESO ROLL	DISEK CHANGE	WATCHER NAME	COMMENTS	
				P5M	H5M										
11.08.01	00:15	2°23.5 W	83°46.9 N	3275	3368	4.5	195	4	3	0	4				
	00:30	2°22.3 W	83°46' N	3233	3340	4.2	169								
	00:45	2°21.4 W	83°44.4	3443	3715	5.8	170								
	01:00	2°24.8 W	83°43.6	3465	3668	5.9	238								
	01:15	2°33.0	83°42.3	3540	4050	5.8	228								
	01:30	2°45'	83°42.2	3540	3964	5.9	259								
	01:45	2°58.7 W	83°42.2	3540	4238	4.8	257								
	02:00	2°58.3 W	83°42.6	3539	4103	4.6	114								
	02:15	2°54.8 W	83°40.6	3540	3884	4.8	160								
	02:34	2°59.7	83°39	3862	3916	4.4	235								
	02:45	3°08.0 W	83°38.4	3490	3553	3.2	276								
	03:00	3°13	83°38.2	3515	3593	5.2	233								
	03:15	3°19	83°37.1	0	3482	4.4	220								
	03:30	3°19.1	83°36.2	3225	3237	4.5	139								
	03:45	3°20.3	83°35.7	3479	3509	0.7	65								
	04:00										60				
	04:15	3°10.3	83°36	3057	3182	8	359				0				
	04:30										60				
	04:45										0				
	10:00														
	10:15	3°21.3	83°35.4	3448	3482	4.1	228.2								
	10:30	3°23.4	83°34.9	3776	3788	4.9	218								
	10:45	3°33.8	83°33.4	3926	4009	3.1	201								
	11:00	3°34.8	83°32.9	3985	4071	3.0	202.8								
	11:15	3°37.376 W	83°31.78 N	4140.1	4286	4.5	195.5								
	11:30	3°35.21	83°30.48	4243	4271	5.6	186.7								
	11:45	3°41.62	83°30.15	4294	4660	6.4	339								
	12:00	3°48.75	83°31.58	4176	4133	6.2	314								
	12:15	3°56.14	83°30.69	3821	4109	6.4	205								
	12:30	3°59.46	83°29.40	3831	3981	6.0	169								
	12:45	3°56.38	83°28.02	3840	4140	6.8	206								
	11:08.01	13:00													
	13:15	4°07.325	83°25.277	3739	3756	5.4	154.0		4	3					
	13:30	4°14.683	83°23.744	3585	3653	5.8	238								
	13:45	4°19.545	83°23.23057	3335	3445	5.8	245								
	14:00	4°33.257	83°22.166	2585	3065	6.0	243								
	14:20	4°48.144	83°22.451	2584	3062	6.2	244								
	14:37	5°01.744	83°21.515	3240	3250	6.3	212								
	14:45	5°07.262	83°21.477	3130	3144	5.2	219								
	15:00	5°17.15	83°20.135	3304	3315	3.2	230								
	15:15	5°25.123 W	83°19.405	0	3769	5.6	218.8						ALESSANDRO		
	15:30	5°33.083 W	83°18.233	3685	3706	6.4	236.2								
	15:45	5°38.374 W	83°16.733	4184	4291	4.4	191.8								
	16:00														
	16:30	5°36.590 W	83°14.410	4486	4569	7.0	180								
16:45	5°40.075 W	83°14.108	4064	4125	7.3	25									
17:02	5°42	83°13	4215	4460	4.1	137									
17:15	5°0.8	83°12	4314	4318	7.0	119									
17:30	4°58	83°12	4209	4215	8.6	89									
17:45	4°52	83°12	3971	4004	5.8	71									
18:00	4°42	83°12	4104	3544	3.8	61									
18:15	4°40	83°12	3474	3499	3.9	241									
18:30	4°45	83°11	3526	3550	8.8	208									
18:45	4°53	83°10	3587	3624	7.3	161									

DESO ROLL has stopped several times.
Table printer: a black cartridge was empty and the press of tables were printed unreadable.

DRACHEN

Station N - That wasn't a station! No information!!! We were looking for a proper position for geologic station.

Station des Guedigas

Chiffre

12:55: shutdown (35)
Restarted at 13:06:24
Problem with Printer, everything ok at 13:15
Crash again at 13:25 Restarted 13:35 (36)
printer stops printing latine

ALESSANDRO

BIA

Michael Jack

15:00 shutdown
17:20 inst because power didn't work (37)

18:35 restart (38)

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHz	PULSE	WAIT TIME	DISO ROLL	TRK CHANGE	WATCHER NAME	COMMENTS
				P5M	H5M									
11.08.01	19:02	4°53'	83°09'	3533	3578	5.8	120							
	:20	4°48'	83°08'	3748	3841	5.8	215			4	0	4		
	20:00	4°59.45W	83°06.08'	3277	3225	6.2	224							
	20:50	5°02.15W	83°04.25'	2676	2749	8.4	175							20:30 Restart 39
	21:00	5°04.592W	83°03.98'	2337	2323	3.8	215							20:35 " 48
	:15	5°20'	83°02'	2265	2272	2	220							
	:30	5°22'	83°02'	0	2222	7.9	180							
	:48	5°32'	82°59'	2721	2730	7.5	194							
	22:00	5°30.1'	82°58'	2840	2880	4.3	134							
	:15	5°28'	82°57'	2961	2971	6.4	167							
	:30	5°26'	82°56'	2442	2474	6.4	185							
	:45	5°27'	82°55'	2640	2714	7.0	174							
	23:00	5°16.4W	82°53.8'	-	2334	5.6	140							
	:15	5°18.8W	82°52.0'	-	3020	5.5	227							
	:30	5°25.8	82°51.5	3136	3170	7.6	232							
:45	5°28.3	82°49.5	-	3458	8.1	131								
12.08.01	00:00	5°25.6	82°48.5	3093	3592	2.9	204							
	:15	5°29.0	82°47.0	3339	6765?	6.6	180							
	:30	5°29.6	82°46.0	3320	-	6.5	193							
	:45	5°28.0W	82°44.8	3273	-	10.3	168							
	01:00	5°25.5	82°43.3	-	-	7.2	243							
	:20	5°22.8	82°42.2	3242	-	8.3	180							
	:30	5°19.2	82°41.2	3234	-	11.2	179							
	:45	5°27.7W	82°40.5	-	-	9.1	220							
	02:00	5°36.9	82°39.6	-	-	6.1	260							
	:15	5°44.4	82°39.2	4139	-	4.3	225							
	:30	5°53.7	82°39.0	4140	4720	0.5	84							
	:45	5°58.1	82°38.9	4140	4752	5.4	290							
	03:00	6°02.4	82°38.7	3915	4496	7.7	15							
	:15	6°00	82°40	3915	4346	2.6	255							
	:33	5°53	82°41	3914	4471	0.3	152							
:45	5°49'	82°41	3914	4316	2.3	392								
04:00	5°54'	82°41	4419	4428	4.2	278								
:15	5°56'	82°42'	4655	4837	4.8	13								
:32	5°58'	82°44'	4700	4710	3	332								
:45	5°55'	82°45'	4545	4525	4.9	34.6								
05:02	5°56'	82°46'	4553	4575	4.6	60.5								
:15	5°54'	82°47'	4582	4626	3.7	349								
:30	5°51'	82°47'	4380	4390	7.8	195								
:45	5°49'	82°49'	4092	4052	2.7	329								
06:00	5°53'	82°50'	4066	4094	7.2	352								
:15	5°49'	82°51'	4072	4077	7.2	44								
:30	5°51'	82°53'	3941	3992	5.7	339								
:45	5°48'	82°53'	3781	3805	5.2	73								
07:00	5°42'	82°54'	3691	4096	2.6	13								
:15	5°42.4	82°54'	2675	3684	5.0	63								
:30	5°42'	82°55'	3761	3789	4.1	290								
:45	5°47'	82°55'	3958	4001	4.9	305								
08:00	5°49'	82°56'	4391	4403	6.0	340								
:18	5°44.9	82°57'	3700	3656	2.9	7								
:30	5°37'	82°58'	3224	3073	4.6	31								
:45	5°36'	82°59'	3036	3064	4.3	341								

DRACH

DRACH

Shavchenko

Sergei

Burhard

20:30 Restart 39
20:35 " 48

flat top!

Heavy ice: back-and-forward movements
Very poor record

Software crashed / 41

Newsstand 8:26, 8:36 (42)
printer out of action for 4 hours

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSE	WAIT TIME	DECK ROLL	DISK CHANGE	WATCHER NAME	COMMENTS
				P5M	H5M									
13,08	08:19	4°55' W	82°58'	1489	2268	5.2	110	4	4	0			Purje	
	2:51	4°57' W	82°58'	1532	2270	5.5	350							
	7:45	4°52' W	82°58'	2010	4763	6	180							
	9:00	4°50' W	82°56'		7385	5.5	487							
	8:15	4°45' W	82°55'	1965	6434	7.2	180	4	4				Alexandro	
	8:30	4°52' W	82°54'	1904	2193	0.5	219	4	4					
	9:45	4°56' W	82°54'	2090	2098	7.3	219	4	4					
	10:00	5°07' W	82°54'	0	2152	6.3	297	4	4					
	10:15	5°16' W	82°53'	0	2585	5.8	278	4	4					
	10:30	5°24' W	82°55'	0	2682	3.0	290	4	4					
	10:45	5°33' W	82°53'	0	3493	6.0	214	4	4					
	11:00	5°39' W	82°53'	36850	3200.0	4.3	323	4	4				Schmidt	
	11:15	5°44' W	82°53'	36710	3501.0	5.1	250	4	4					
	11:30	5°49' W	82°54'	3680	3708.0	5.4	282	4	4					
	11:45	6°00' W	82°53'	-	4247.0	8.6	196	4	3					
	12:00	6°04' W	82°53'	4205	4250	4.2	322	4	4					
	12:15	6°09' W	82°53'	-	4334	2.8	317	4	4					
	12:30	6°17' W	82°54'	-	4004	1.8	294	4	4					
	12:45	6°17' W	82°54'	5030	4001	0	-	4	4					
	23:44	6°18.8' W	82°54.9'	4143	4178	4.1	129	0					Shvchenko	12 ³⁵ New Start of "Dosa" (44) 12 ⁴⁵ station End of st. 219.
14.08	00:00	6°10.7' W	82°54.1'	3241(?)	4165	7	167							
	:15	6°06.9' W	82°53.1'	4212	4252	4.4	173							
	:30	6°11.2'	82°52.5'	-	-	5.3	254							
	:45	6°10.8'	82°51.9'	4652	4700	9.0	123							
	01:05	6°03.7'	82°51.2'	4481	-	4.2	131							
	:15	6°00.2'	82°51.1'	4434	4467	7.8	91							
	:30	5°45.9'	82°52.1'	3959	3973	9.0	40							
	:45	5°44.6'	82°53.8'	3759	4028	4.7	344							
	02:00	5°44.0' W	82°54.8'	3695	3740	4.7	11							
	:15	5°47.0' W	82°55.7'	-	3916	9.3	300							
	:30	5°56.2' W	82°56.4'	3765	-	4.7	58							
	03:00	5°51.0'	82°58.1'	4169	4185	9.4	7			5→6			Drahev	CHANGE OF DECK ROLL 5 to 6. Heavy ice, NO signal 103:40 - Restart of the whole system. (45)
	:30	5°47.8'	82°59.6'	-	3722	3.4	41							
	:48	5°43'	83°01'	2025	2950	4.2	85							
	04:00	5°39'	83°01'	2691	2841	5.2	76							
	:15	5°33' W	83°02'	1973	4312	5.5	23							
	:30	5°24' W	83°03'	1837	3153	5	54							
	:46	5°24' W	83°03'	1860	2041	1	22							
	05:00	5°21' W	83°04'	2264	2342	5.6	341							
	:16	5°25' W	83°05'	2442	2702	3.2	31							
	:30	5°20' W	82°06'	2680	4142	4.8	89							
	:45	5°16' W	83°07'	2090	3432	2	63							
	06:03	5°11' W	83°07'	2157	3209	4	340							
	:16	5°10' W	83°08'	3753	3875	4	3							
	:30	5°13' W	83°10'	4304	4339	10	238							
	:47	5°14' W	83°11'	4270	4224	4	332							
	07:06	5°23' W	83°12'	4511	4451	3	287							
	:30	5°26' W	83°12'	4949	4200	6.2	307							
	9:08	5°30' W	83°13'	4243	4253	0.1	211			60				
	11:18	5°32'	83°12'	4240	4256	1.5	207							
	11:30	5°33'	83°12'	4241	4348	6.1	282							
	11:45	5°42'	83°13'	3539	4571	9.7	331							

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. kHz	PULSE	WAIT TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS	
				P5M	H5M										
14.8.01	12:00	5°03'4	83°15'	4348	4366	9.0	14	4			6		Nico	Positioning for new station End of changing station Passage to the next one 21:18: CRASH of software (46) 21:19: start	
	12:12	5°03'4	83°16'	4126	4146	12	152								
	20:55	5°49'W	83°16'	3552	3769	4.8	120			0					
	21:15	5°35'9"W	83°16,38'N	4356	4370	7.8	141.3								GALAKTIONOV
	21:30	5°23'57"W	83°16,58'N	3958	3980	7.9	54.5								
	21:45	5°12'07"W	83°16,00'N	3591	3782	6.7	54.9								
	22:00	4°53'W	83°17'N	3906	3953	8.3	92								
	22:15	4°42'W	83°17'N	3708	3720	5.4	94								
	22:30	4°36'W	83°16'N	3551	3580	11	95.4								
	22:45	4°31'W	83°16,9'N	3371	3388	8.0	44.0								
	23:00	4°27'03"W	83°16,73'N	3652	3180	5.7	103								
	:15	4°10.0'W	83°17.3'N	2542	2563	9.1	70								Shenchenko
	:30	4°01.9	83°18.5	3372	2788	6.1	306								
	:45	4°11.7	83°18.8	-	2383	9.3	267								
	15.08	00:00	4°12.8	83°20.2	-	2823	8.0	300							
:15		4°25.2	83°19.7	2350	3197	4.0	290								
:30		4°35.1	83°18.3	3465	-	6.2	250								
:45		4°36.2	83°17.8	3606	-	7.9	136								
01:00		4°23.3	83°18.0	3094	-	1.5	103			60					
04:34		4°15' W	83°17'	2772	2714	8.4	348			0					
05:00		4°17'W	83°20'	2771	2572	5	55								
:21		4°10'W	83°21'	2781	3921	3	0								
:30		4°11' W	83°21'	2945	2439	6.5	38								
:45		4°03' W	83°23'	2502	3580	7.3	323								
06:00		4°00' W	83°23'N	2456	3874	6.6	87								
:19		3°54' W	83°23'	2405	3576	2.5	348								
:30		3°													
:45		3°44' W	83°23'	3482	2594	0.9	165								
07:00															
:15	3°35'4"	83°23'	2854	2988	0.6	274									
:30	3°37'	83°23'	3037	3284	0.6	258									
:45	3°37.6	83°22'96"	3290	3382	0.5	82			60						
8:00	3°38'	83°22'77"	3108	3295	0	124									
11:00	4°0'	83°21'	3074	3113	3.7	98									
11:16	3°36'	83°22'	2949	3017	3.0	35									
11:32	3°38'	83°22'	2895	2924	1.2	77									
11:45	3°31'	83°22'	3113	3151	3.7	143									
12:00	3°30'	83°22'	3183	3192	4.3	46									
12:15	3°23'	83°23'	3311	3319	5.0	12									
12:30	3°17'	83°24'	3278	3573	1.8	52									
12:45	3°15'	83°25'	3293	3373	2.5	134									
13:07	3°14'	83°25'	3240	3326	3.0	73									
:15	3°10'	83°25'	3165	3282	6.0	42.8									
:30	3°07'	83°26'	3383	3312	4.3	15									
:45	3°02'	83°27'	3120	3604	2.0	55									
14:00	3°02'	83°28'	3129	3144	6.3	14									
:15	3°02'	83°29'	3121	3166	2.9	28.9									
:30	3°00'	83°30'	3043	306	6.5	47									
:45	2°55'	83°30'	3142	3156	2.1	128									

4 → 2

DRACHEN END of station, beginning of passage

Heavy ice system crash

Burkhard Schramm 7:50 system wash (47)

Nico 8:12 wait time dredge station 11:00 new house site do next station

12:09 system restart (48)

Michaela 13:50-13:05 short stop 13:26 restart

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. kHz	PULSE	WAIT TIME	DECK ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				P5M	H5M									
15.08.01	15:01	2°50 W	83°30	3022	3041	6.8	73							15:12 Restart (49)
	18	2°40	83°30.99	2827	2851	7.2	312							15:26 Restart (50)
	30	2°43	83°32	2891	2932	6.2	344							Several restarts (51)
	45	2°37	83°32	2907	2940	5.9	73.5							
	16:00	2°30	83°33	3027	3024	3.3	26.1							
	15	2°33	83°33	3019	3028	4.6	3.9							
	30	33	33	2995	3011	4.6	45.2							
	45	31	33	3030	3063	2.8	52.1							
	17:01	30	34	2032	3107	1.7	3.1							
	15	2°31' W	83°35	2076	3290	5.4	268							
	45	2°34' W	83°34	3155	340	0.8	165°							
	18:00	2°35' 0	83°34	3033	3056	4.1	194°							
	15	2°41' 0	83°33.71	0	2837	0.3	316°							
	30	2°36.2	83°33.7	3040	2935	1.9	41							
	19:45	2°32.7	83°33.9	2990	3003	.8	269							
	19:00	2°33.2	83°33.9	2972	2993	1.	6.6							
	22:30	2°37' W	83°33.7	2785	2797	6.0	87			0				22:20 End of station
	23:00	2°30.3' W	83°35.0'	3211	3240	4.3	204							
	15	2°30.8'	83°34.9	3234	3200	5.2	19							
	30	2°22.2	83°36.2	3492	3514	7.6	13							
	48	2°18.0 W	83°37.4	3503	3518	1.6	311							"Paradigma" restart (52)
16.08.01	00:00	2°20.9	83°37.8	3315	3659	5.0	53							
	15	2°13.1	83°38.7	3271	-	0.6	357							
	30	2°11.6	83°39.8	3382	3647	3.4	27							
	45	2°08.5	83°40.2	-	3553	5.8	43							
	01:00	2°05.7	83°41.2	3561	3576	7.2	327							
	15	2°11.8	83°42.0	3615	-	2.7	58							
	30	2°12.8	83°41.9	3615	4042	0.6	302			60				Beginning St. 59-226 (Dredge)
	45	2°12.8	83°41.9	3615	4047	0.2	149							
	04:55	2°05.6 W	83°40'	3581	3600	6.0	48			0				
	05:16	1°59' W	83°41'	3585	3571	2	259							
	32	1°52' W	83°42'	3341	3679	3	397							
	48	1°56' W	83°43'	3513	3902	1.7	118							
	06:15	1°45' W	83°44'	2571	3028	4	6.5							
	36	1°52' W	83°45'	2807	3722	1.5	235							
	45	1°56' W	83°45'	3323	2287	2.5	342							
	7:07	1°50'	83°45'	3228	2888	2.6	166							
	15	1°50'	83°45'	3266	3617	2.3	171							
	30	1°51'	83°45'	3228	3628	3.1	176							
	45	1°51'	83°45'	3563	3620	7.0	332							
	8:00	2°00'	83°46'	3385	3432	4.6	348							
	15	2°00'	83°47'	3183	3241	5.2	332							
	30	2°03'	83°48'	2946	3021	1.4	178			60				on station / wait time (836)
	9:00	2°03' W	83°49	2838	2932	2.4	260			60				
	10:30	2°05' W	83°48'	2888	2939	1.3	266			60				on station (TV-Gnd)
	11:30	2°05' W	83°47'	2981	3067	0.8	209			60				on station (TV-Gnd)

GALANTIONOV
Shevchenko

DRACHEV

GALANTIONOV

Shub - 12:00

22:20 End of station

"Paradigma" restart (52)

Beginning St. 59-226 (Dredge)

Start survey.

GIS system crash 7:07 restart (53)

on station / wait time (836)

on station (TV-Gnd)
on station (TV-Gnd)

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. kHz	PULSE	WAIT TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSM									
16.08.	3:40	2°08'W	83°48'	2834	2894	2	12.5	4	4	0	6		DRACHEN	
	11:05	02°01' W	83°46.21	3329	3329	2.7	33.9	4	4	0			Dr. M. J. ...	Stations under some moving backwards and forwards etc. till 14:10, some at 14:20 etc.::
	11:15	02°06.5 W	83°46.6	3316	3316	3.9	112	4	4	0				Stations again at 14:28 (Heavy ice)
	11:50	02°03.436 W	83°46.54 W	3246	3312	2.7	31	4	4	0				(54) Spsta crashed at 14:22
	11:58	02°01.350 W	83°46.10	3327	3275	3.5	100	4	4	0				18:09 cleared printer cartridge
	18:00	01°56.830 W	83°44.44	3322	3377	7.0	103	4	4	0				(55) Spsta mark at 18:01, restarted
	18:15	1°50.830 W	83°44.326	3371	3326	0.3	106	4	4	0				Printer is doing strange things, reloaded paradigm
	18:30	1°44.181 W	83°46.546	3313	3313	4.3	11.0	4	4	0				(56)
	18:45	1°37.657 W	83°46.674	3000	3049	5.1	132	4	4	0				
	19:00													
	20:11	0°59 W	83°49'	2834	2834	4.4	69						DRACHEN	
	20:30	0°54 W	83°50'	2911	3071	7.3	35.3							
	21:04	0°48 W	83°52'	2549	2590	2.6	267							(57) Swara crash 20:50 - restart
	21:16	0°58 W	83°52'	2607	2861	6.4	287							
	21:45	1°06 W	83°54'	3094	3119	2.5	5.2							
	22:01	1°01 W	83°54'	3153	3197	0.7	294			60				Station TV-grab
17.08.01	01:10	1°02.6 W	83°52.7'	2829	2887	1.4	157			0			Shevchenko	Start of transit
	01:15	1°02.4 W	83°52.6'	2834	2888	1.1	302							
	01:30	0°55.1 W	83°53.8'	3316	3363	3.3	358							
	01:45	0°46.8 W	83°54.0'	2947	2995	6.7	61							
	02:00	0°34.5 W	83°53.4'		2579	5.5	104							
	02:15	0°23.1 W	83°53.0'	2992	2965	8.7	105							
	02:30	0°11.4 W	83°52.3'	3066	3081	6.3	92							
	02:45	0°05.2 W	83°53.6'	3044	3168	6.8	3							
	03:00	0°00.8 W	83°54.6'	3168	3175	9.4	10							
	03:17	0°06 W	83°56'	2936	3001	4.1	0.3						DRACHEN	
	03:35	0°14 W	83°57'	2653	2693	5.6	64							
	03:45	0°14 W	83°53'	2792	2825	5.0	301							
	04:00	0°21 W	83°58'	2798	2928	8.0	279							
	04:17	0°27 W	83°58'	2933	4078	3.3	93			60				DRACHEN station
	05:16	0°14 W	83°56'	2795	2809	3.7	105							
	05:30	0°14 W	83°56'	2758	2759	6.6	279							
	05:46	0°24 W	83°57'	2960	3251	3.1	326							
	10:02	0°21 W	83°57'	2880	3201	7.0	29							
	10:31	0°24 W	83°58'	4041	4089	5.3	54							
	11:00	0°10 W	83°55'		3876	7.1	275							
	11:35	0°25 W	83°58'	3984	4071	0.3	129							Station gravity color, heat flow
	13:45	0°13.55 W	83°58.485	3277.1	3330.0	0.9	75							
	15:00	0°10.35 W	83°57.936	2694.3	2742	3.1	200.7						Phillip J.	
	15:15	0°19.52 W	83°57.80	2398	2444	4.5	292.3							
	16:00	0°23.51 W	83°58.06	3969	3969	5	129							PS has no signal since 16:19

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. kHz	PULSE	WAIT TIME	DESD ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				P5M	H5M									
17.8.01	16:12	0°25'23W	83°58.07N	0	4098	1.4	162			0	6		Phillip	→ new stat of the computer !!
"	19:00	0°14.11W	83°56.57		2992	0	153			60			Phillip	No good signal for a long time still on station
"	20:05	0°17.1W	83°57	0	2742	4.5	340			0				End of station
	:15	0°18.1W	83°58	2804	3194	6.5	31.4							The total recastant (38)
	:30													
	21:00	0°17.1'E	83°57'	2855	3043	5.4	72.8						GALANDININ	
	21:15	0°20.1'E	83°59'	2743	3098	7.3	33.5							
	21:30	0°30.1'E	84°00'	2900	3096	7.3	27.5							
	21:45	0°50.1'E	84°00'	2882	2894	8.4	11.9							22:15 crash of software (39)
	22:00	0°51.1'E	84°00'	2851	2858	7.9	20.1							22:16 short
	22:15	0°53.1'E	84°01'	2823	2851	7.6	33.0							
	22:30	0°52.1'E	84°02'	3063	3053	5.8	7.1							
	22:45	1°05.1'E	84°03'	2840	2871	5.5	70.4							
	23:00	1°18.7E	84°04.5	2827	2834	12.2	56						Shevchenko	
	:15	1°31.7E	84°05.9	2661	2860	8.7	31							
	:30	1°40.3E	84°07.6		2552	7.5	29							
	:45	1°36.6	84°09.0	2750	2760	11.8	25.8							
18.8.01	00:00	1°13.1	84°08.7		3002	10.6	355							
	:15	1°08.4	84°10.3	3013	3337	7.5	292							
	:30	0°52.9	84°10.8		3992	4.0	279							
	:45	0°51.5E	84°10.8		4017	0.2	257			60				Station dredge
	01:45	0°54.5E	84°10.3		3835	2.7	144							
	2:15	1°01.4E	84°10.1		3472	1.6	89							
	2:30	1°04.6	84°09.9	3432	3459	2.2	117							
	3:00	1°06.6E	84°09.7	3372	3290	0.5	154							
	04:30	01°10'	84°09'							0			DRUMBY	Spent battery transit
	:42	1°05 E	84°10'	3346	3450	4	324							
	05:00	1°04	84°11'	3307	3415	5.2	134							
	:15	1°17.1	84°10.1	2205	2212	0.4	340				677			DESD ROLL is changed.
	:30	1°17'	84°11'	3091	3327	5.6	20.3							No signal
	:42	1°14'	84°12'	2899	3525	6.6	327							
	06:00	1°18'	84°13'	3859	3720	6.4	56							
	:18	1°24'	84°14'	3555	3962	6.3	20							
	:35	1°22'	84°15'	3816	4010	5.5	302							
	:42	1°18'	84°15'	4047	4042	8.5	87							
	07:03	1°21'	84°16'	3949	3990	1.0	139			60				Station
	15:00	1°30	84°14	3690	3760	3.0	201						ANETIE	
	15:15	1°39	84°13	3287	3534	7.6	126							
	16:00	2°15	84°12	2434	2730	5.6	14.5							
	16:30	2°54	84°16	3307	3376	8.6	10.3							
	16:50	3°07	84°17	3529	3480	7.3	66.7							
	17:01	3°20'	84°18	3875	3842	7	36.7							
	:15	3°27'	84°18	3887	3898	6.7	128							
	:30	3°31'	84°20	3907	3923	10.6	7.3							
	18:07	3°47'	84°22	3805	3820	3.3	42							
	18:15	3°47'	84°23	3711	3763	7.8	302							
	18:30	3°49	84°24	3809	3802	4.3	31							
														17:40 Crash → Restart (60)
														DAU Crash No record of digital data from 02:30

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED kn	COURSE deg.	FREQ. kHz	PULSE	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSM									
Aug 18, 2001	18:45	03° 54' E	84° 24' N	3766	3776	3.2	228	4	4	6.0	7		Spielholz	
	19:00	04° 01' E	25'	3806	3832	5.5	34						GAO	
	19:15	04° 13' Z	84° 26' N	0	3829	5.9	63.2							
	19:30	04° 24' Z	84° 27' N	3414	3684	4.1	24.5							
	19:45	04° 25' Z	84° 28' N	3641	3749	7.3	31.0							
	20:00	04° 36' Z	84° 27' N	3327	3348	7.4	105.8							
	20:15	04° 49' Z	84° 28' N	3098	3104	9.5	81.4							
	20:30	05° 09' Z	84° 29' N	0	3351	6.4	102.5							
	20:45	05° 15' Z	84° 30' N	2957	2966	1.4	359							
	21:00	05° 14' Z	84° 30' N	2862	5130	7.5	310							
	21:15	4° 57' E	84° 30' N	3077	6330	6.7	318						GALARTIMV	
	21:30	4° 52' E	84° 32' N	3309	3545	6.7	327							21:22 Restart (61)
	21:45	4° 39' E	84° 30' N	3584	3611	6.0	273							
	22:00	4° 25' E	84° 30' N	3657	3659	7.1	273.7							
	22:15	4° 20' E	84° 30' N	3448	3452	5.7	244							
	22:30	4° 18' E	84° 31'	3339	3394	7.2	2.6							
	22:45	4° 16' E	84° 31' 6"	3317	3327	4.8	3.0							
	23:00	4° 08' E	84° 32'	3393	3463	7.2	333.3							
	:15	3° 54.5	84° 33.4	3233	3253	9.6	312							
	:30	3° 37.5	84° 34.1	3131	3184	7.4	318							
	:45	3° 21.2	84° 34.5	3577	3678	11.4	256							
19.08.01	00:00	3° 06.2	84° 34.3	3908	4036	0	260			60				Station 234, dredge
	00:00	3° 23.2	84° 34.5	3497	3571	0	90			0				
	:19	3° 26.5	84° 34.5	3425	3462	7.4	49							
	:20	3° 34'	84° 35'	3405	3449	2	20							
	:45	3° 36'	84° 35'	3424	3484	2.8	216							
	04:00	3° 11'	84° 36'	3424	3455	7	56							
	:15	3° 51'	84° 36'	3424	3365	5.4	49							
	:33	4° 08'	84° 37'	3374	3475	8.2	32							
	:48	4° 20'	84° 38'	3385	3539	5	270							
	05:00	4° 20'	84° 39'	2965	4132	5	15							
	:15	4° 12'	84° 40'	4252	4351	5.6	308			60				
	07:00	4° 12'	84° 39'	3915	4282	0.2	184							
	10:45	4° 14' Z	84° 38'	3536	3627	1.8	325			0				
	11:00	4° 21' Z	84° 35'	(3497)	3819	8.6	308							
	:15	4° 12' E	84° 39'		4425	7.2	0°							
	:30	4° 17' E	84° 41' N	4365	5034	4.7	23							
	:50	4° 26' E	84° 42' N	4841	5001									
	12:00	4° 27' E	84° 43' N		5208	4.2	30.3							
	:22	4° 20' E	84° 44' N	4439?	5373									
	:45	4° 29.6 E	84° 43.9 N	4439?	5364	0	27							
	23:07	4° 30.5 E	84° 44.3 N	4139	5354	7.5	129			0				
	:15	4° 37.5	84° 44.2	4140	5218	6.8	93							
	:30	4° 54.5	84° 44.7	4772	4917	8.6	88							
	:45	5° 10.9	84° 45.1	4467	4502	7.3	54							
20.08.01	00:00	5° 24.2	84° 45.8	4304	5146	4.6	70							
	:15	5° 34.1	84° 46.2	3925	3995	4.6	341							
	:30	5° 39.3	84° 46.8	3763	3846	7.8	166							
	:55	5° 40.4	84° 46.7	3592	3767	7.4	337							
	01:03	5° 36.5	84° 47.8	3615	4202	9.3	325							
	:14	5° 35.7	84° 47.7		4145	2.5	418							
	:30	5° 36.7	84° 47.7	4040	4078	0.2	34			60				

GALARTIMV 21:22 Restart (61)

Sherchenko Station 234, dredge

DESCRIBE | PS depth is not changing. Total restart

Burkhard Station

Spielholz no signal. Strong seafloor signal at 5060 m (?). Suck ~ 12:30. Ship stopped / Station

Sherchenko "Paradigma restart (62)" "Paradigma restart (63)"

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSE	WAIT. TIME	DESK ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				P5M	H5M									
20.08.01	06:00	5°44'E	84°48'N	3576	3624	2.5	359	4	4	0	7		Sergei	
	06:15	5°51'	84°51'	3595	4197	9	46							
	06:30	6°01'	84°50'	3915	4015	5	75							
	06:47	6°03'	84°50'	3709	3823	7.2	142							
	07:00	6°43'	84°52'	3977	6004	6.0	69							
	07:15	6°40'	84°51'	3761	4271	6.1	241							Burhard
	07:30	6°37'	84°51'	4188	4235	0.3	74							
	07:45	6°36'	84°51'	4172	4214	0.3	251			60				on station 7:50 / wait time
	11:40	6°29.0'	84°52.7	4290	4741	4.2	345			0				
	12:00	6°43'	84°53'	4101	4162	5.2	83							
	12:15	6°34'	84°53'	4283	4513	9.9	292	4	4				ALESSANDRO	
	12:30	6°29'	84°53'	4440	4640	0.4	148	4	4	60				STATION AT 12:37/WAIT TIME
	16:25	6°47'	84°52'	4163	4182	5.4	302			0			Sergei	Start of camping
	17:00	7°03'	84°52'	4437	4761	3.0	195.9						Camilla	
	17:15	7°08'	84°51'	4574	4713	8.2	355						T. Schmitz	
17:30	7°08.9	84°51'	4114	4360	4.1	141.7								
17:45	7°28.7	84°51'	-	3885	4.8	135.2								
18:00	7°36.4	84°50'	3581	3683	7.4	126.0								
18:15	7°57'	84°50'	3583	3626	8.8	289			60				station at 18:28 / wait time	
22:04	7°45'	84°51'	3585	3546	6.3	110			0					
22:15	7°52'	84°51'	2241	3696	4.5	99								
22:30	8°01'	84°50'	3465	3769	6.6	77								
22:45	8°24'	84°50'	3839	3997	5.9	9.1								
23:06	8°21.9	84°51'	3573	3658	3.0	310						Vladimir		
23:15	8°24.1	84°51'	3463	3497	4.0	74								
23:30	8°28'E	84°52.5	3244	3247	5.6	3							Thick sedm. layer	
23:45	8°30'	84°54'	2999	3013	5.9	4								
21.08.01	00:00	8°32'E	84°54.8'	3156	3203	4.0	359							
	00:15	8°38.8	84°56.1	3579	3586	9.3	28							
	00:30	8°43.9	84°57.1	3883	4005	6.5	121							
	00:45	8°51.8	84°56.3	3367	3385	4.1	111							
	01:00	8°54.3	84°56.8	3437	3514	5.8	291							
	01:30	8°45.7	84°57.6	3464	4160	1.3	313			60				
	01:40	8°45.2	84°57.6	4039	4117	0.3	200							
	05:45	9°13'	84°57'	0	3418	4.1	121			0			Sergei	
	06:00	9°23'	84°57'	3472	3477	6.4	63							
	06:15	9°31'	84°58'	3488	3505	3	81							
06:30	9°34'	84°59'	3632	3651	3.6	57								
06:45	9°39'	84°58'	3406	3752	2.5	81								
07:00	9°48'	84°58'	3954	3787	5.8	64								
07:15	9°58'	84°58'	0	3848	6.5	98								
07:30	10°10'	84°58'	4290	4294	1.5	291								
07:46	10°09'	84°58'	4290	4302	0.3	69			60				Dredge station (9:37 wait time)	
08:05	10°09'	84°58'	4290	4302	0	263								
08:15	10°09'	84°58'	4290	4302	0.6	308								
09:00	10°02'	84°58'	0	4021	1.3	297								

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSE	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS	
				PSM	HSM										
21.08.	11:15	9°56.5'E	84°59.2'N	3900	3907	0		4	4	0	7		Spelling	Still on Station / 11:22 Station end	
	30	9°58.6'E	84°59.7'N	3864	3890	6.4	15.8								
	45	10°07.4'E	84°59.6'N		3793	5.5	11.5								
	12:00	10°18.7'E	85°00.4'N		4042	7.3	23								12:00 Crash, Restart (64)
	17	10°25.8'E	85°01.4'N	3674	3740	7.2	76								
	30	10°35.7'E	02.2'N		3696	6.3	38								
	46	10°51.2'E	02.9'N	3523	3560	4.7	349								
	13:00	10°51.9'E	03.2'N	3601	3628	1.1	93.6								~ Macho
	13:19	11°01.8'E	85°03.0'N	3720	4062	7.4	191.6								
	13:30	11°01.5'E	85°04.9'N	3840.0	4223	4.9	26.1								
	13:45	11°03.6'E	85°04.8'N	3840.1	4219	0.3	22.4								
	14:00	11°04.4'E	85°04.8'N	3839.9	4221	0.9	87.9								
	14:18	11°06.9'E	85°03.0'N	3840.0	4216	1.3	23.2			60					
	17:23	11°03.1'E	85°03.4'N	3613.0	3690.0	2.8	264.5								on Station - a Time 60 (Awaiting Time 0)
	17:43	10°59.8'E	85°03'N	3896	3911	8.0	321.3								
	18:00	10°45.4'E	85°04.4'N	3984	4076	4.9	293.7								
	18:18	10°34.8'E	85°04.6'N	3995	4026	4.3	318.9								
	18:28	10°43.6'E	85°05.4'N	4139	4159	0.4	293.4								
	18:46	10°44.8'E	85°05.4'N	4145	4157	1.3	26.1			60					on "Schwael" Station
	21:35	10°38.7'E	85°05.9	4081	4092	0.2	13.7			0					
22:30	10°38.7'E	85°08.0	4758	4405	3.8	69									
22:41	10°40.9	85°08.2	4305	4415	4.8	29									
23:00	10°36.2	85°07.6	4286	4318	6.9	13.6								Vladimir	
15	10°49.9	85°07.2	3922	3947	8.1	26.7									
18	10°37.5	85°08.2		4727	5.2	5			60					RESTART OF COMPUTER AND DAU BECAUSE OF NO RECORDING ON HD WAS GOING ON. THE LAST FILE IS DATED 20:17 ~ 4 hours of recording are lost	
15	10°36.9	85°08.3	4423	4451	0.1	11.9					3-4			END of Station at 03:40	
22.08	03:40	10°59.1	85°07'	4202	4231	6.0	17.6			0					
	04:00	11°07.1	85°05.1'	4055	2643	6.6	16.8								
	15	11°08.1	85°04.1'	3787	3739	2.5	140								
	30	11°15.1	85°03.1'	3601	3708	4.3	194								
	45	11°24.1	85°02.1'	4015	4029	2.0	176								
	05:00	11°31.1	85°02.1'	4042	4035	5.0	88								
	15	11°40.1	85°02.1'	3520	3587	3.0	83								
	30	11°51.1	85°03.1'	3587	3696	6	63								
	45	12°06.1	85°04.1'	3727	3764	6	83								
	08:00	12°10.1	85°04.1'	3711	3721	6.2	274								
	15	12°04.1	85°05.1'	3761	3798	3.9	315								
	20	12°02.1	85°05.1'	3813	3825	4.7	77			60					Softw. crash, restart Station (66)
	46	12°13.1	85°05.1'	3665	3649	9.5	52			0					Station - It wasn't a Station!!
	07:00	12°27.1	85°05.1'	3484	3539	4.9	120								
	15	12°34.1	85°07.1'	3718	3762	6.4	27.3								
	30	12°41.1	85°07.1'	3878	3937	1.0	120								Station starting @ 7:35
	13:00	13°10.2'E	85°07.1	3210	3347	8.1	8.4			60					Station End: 12:50 (UTC)
	15	13°08.8'E	85°09.2	3675	3758	8.9	19.9			0					
30	13°11.8	85°09.1	3746	3759	6.7	78.9									
53	13°32	85°11.1	3645	3646	9.4	96.0									
14:00	13°43	85°10	3603	36406	7.8	97.9									
15	14°00.1	85°10	3372	3417	5.0	150.3									
51	13°40	85°12	/	3609	5.4	231.5									restarts 14:29, 14:50, printer didn't work (68)

DATE	TIME (UTS)	LONG (W/E)	LAT (N)	DEPTH		SPEED KN	COURSE deg.	FREQ KHZ	PULSE	WAIT TIME	DESK ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS	
				PSM	HSM										
23.08.01	07:15	15°07'	85°24'	3884	3903	5.7	335	4	4	0	8		Sergci		
	7:30	14°59.51' E	85°25.24' N		4719	5.8	311	4	4	0	8		NL		
	7:45	54.88	26.32		4967	5.9	25	"	"	"	"		"		
	8:00	15°09.43' E	85°26.92' N	4741	4771	4.7	10	"	"	"	"		"		
	8:15	14°58.56	27.95		4350	3.3	23	"	"	"	"		"		
	8:30	56.73	28.63		4832	2.0	342	"	"	"	"		"		
	8:45	56.56	29.17		4787	5.0	350	"	"	"	"		"		
	9:00	14°52.02' E	85°29.60' N	4714	4758	5.2	329	"	"	"	"		"		
	9:06														
	9:25	14°47.41' E	85°30.96' N	4576	4630	1.1	77	"	"	60.0	"		"		
9:45	14°47.62' E	85°31.09' N	4562	4599	1.0	330	"	"		"		"			
23.08.01	22:32	15°26'	85°34'	4952	0	0.9	302			0	4→5		Sergci	Crash 1179 Restart	
	45	15°35'	85°34'	4450	0	4.9	185							An sdralle wegen Treffen 75-Haly-John	
	23:00	15°39'	85°33'	4722	0	4.8	133							System angeschlossen (80)	
	15	15°52.4'	85°32.1'	4915	0	4.3	141							End of Meeting, send email No MS data is receiving.	
	30	15°56.7'	85°31.1'	4631	0	4.3	273								
	45	15°57.1'	85°30.3'	4665	0	2.8	237								
	00:02	15°57.6'	85°29.4'	4801	0	6.0	150							"Paradigma" restart (81)	
	15	15°59.6'	85°28.9'		0	4.8	209							0:47 "Paradigma" restart (82)	
	30	15°54.7'	85°27.6'		0	6.4	197								
	45	16°00.6'	85°26.5'		0	3.2	201								
24.08.01	01:00	16°00.8'	85°25.2'	3179	0	5.6	159								
	15	15°59.4'	85°24.1'	3390	0	5.1	159								
	30	16°12.5'	85°23.5'	3383	0	4.7	105								
	45	16°28.1'	85°23.6'	3246	0	6.3	99								
	02:00	16°44.5'	85°23.5'	3750	0	5.0	46								
	21	17°01.4'	85°24.0'	3939	0	4.3	10							0:20 "Paradigma" restart (83)	
	30	17°08.7'	85°24.3'	3916	0	6.6	91								
	45	17°19.8'	85°24.1'	3821	0	4.9	71								
	03:00	17°35.4'	85°24.5'	3875	0	4.0	103								
	15	17°46'	85°25'	3658	0	3.6	58								
24.08.01	30	18°02'	85°25'	3614	0	5.2	132								
	45	18°12'	85°25'	3418	0	4.6	45								
	04:00	18°15'	85°26'	3553	0	3.3	14.4								
	15	18°15'	85°27'	2719	0	5.0	47								
	30	18°24'	85°27'	3785	0	1.6	232								
	47	18°34'	85°27'	3385	0	3.5	98								
	05:07	18°49'	85°28'	3061	0	2.5	52								
	15	18°55'	85°28'	3156	0	4.1	64								
	30	19°03'	85°28'	3131	0	4.4	39.6								
	45	19°14'	85°29'	3052	0	4.2	99								
24.08.01	06:00	19°21'	85°29'	2820	0	4.2	2.6								
	15	19°12'	85°30'	3048	0	4.1	33.6								
	30	19°12'	85°30'	3077	0	3.6	38.0								
	50	19°12'	85°31'	3306	0	6.0	47								
	07:00														
	15	19°25'	85°32'	0	2873.0	6.4	16.3						Unis		
	30	19°32'	85°34'	2543	2599	3.0	47.2								
	45	19°44'	85°34'	2005	2140	5.3	90.8								
	08:00	19°52'	85°34'	1941	1470	5.4	26.9								
	15	19°58'	85°36'	1781	1814	0.3	348								
30	20°03'	85°36'	0	1700	5.3	33.4									
45	20°20'	85°37'	1602	1560	5.3	125.3									

Crash 1179
Restart
An sdralle wegen Treffen 75-Haly-John
System angeschlossen (80)

End of Meeting, send email
No MS data is receiving.

"Paradigma" restart (81)
0:47 "Paradigma" restart (82)

0:20 "Paradigma" restart (83)



DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSE	WAIT TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSM									
24.08	22:30	20°46'	85°32	2176	2251	7.1	88	4	4				H4	Paradigma restart 23:00 (91)
	22:45	20°57'	85°32	2040	2955	7.9	338						Vladimir	
	23:15	20°34.6'	85°32.5	1668	2523	4.9	20							
	30	20°53.8'	85°32.4	2564		7.9	81							
	45	20°58.1	85°32.5	2747	5459	0.3	57							
25.08.01	00:00	20°58.7	85°32.6	2773	0	0.4	31			60				Station
	03:51	20°42'	85°33'	1915	1565	2.8	20			0			Sergei	End of station
	04:02	20°43'	85°34'	1440	1801	3.4	344							
	:16	20°40'	85°35'	0	2060	4.8	351							
	:30	20°40'	85°36'	2141	2164	0.1	72							
	:45	20°36'	85°35'	2083	2077	5.9	223							
	05:05	20°23'	85°36'	1742	1710	3.6	309							
	:16	20°18'	85°37'	1140	1528	6.0	304							
	:30	20°11'	85°37'	1140	1639	2.6	137							
	:45	20°14'	85°37'	1140	2138	3.7	101							
	06:01	20°20'	85°38'	0	2384	7.2	331							05:47 check and total (92)
	:15	20°11'	85°39'	2335	2568	6.3	4.5							Restart (see ps depth!)
	:33	20°11'	85°41'	3501	3534	4.1	2.0							PARADIGM check (93)
	:49	20°14'	85°47'	3960	3995	4.7	396							
	7:30	20°10'	85°40'	2682	2766	3.9	188							
	:45	20°10'	85°40'	2940	3591	6.9	175							
	8:00	20°14'	85°42'	3882	4000	4.3	2.8							
	:15	20°14'	85°42'	3951	3999	.7	9.1			60				Station
	12:53	20°15'	85°40'	3274	3334	5.1	136			0				
	13:01	20°14'	85°39'	0	3145	3.3	212							
	13:18	20°01'	85°39'	2535	2640	6.8	193							
	13:30	19°49'	85°38'	2097	2106	5.4	201							
	13:47	19°57'	85°38'	1348	1493	4.5	256							
	14:14	19°19'	85°37'	0	1670	1.5	195							
	14:30	19°19'	85°37'	0	0	0	205			60				Stop for 20 min.
	14:45	19°18'	85°37'	1594	1795	6.5	202			20				leave
	15:00	19°10'	85°36'	0	1762	4.3	249							
	:15	19°00'	85°35'	0	2576	1.1	186			0				
	:30	18°59'	85°35'	2541	2655	0.0	197							
	:45	18°54'	85°35'	2886	2921	5.6	240							
	16:00	18°43'	85°35'	3127	3167	5.6	305							
	:17	18°33'	85°36'	3258	3275	5.5	328							
	:32	18°09'	85°36'	3750	3799	7.0	243							
	:50	17°52'	85°37'	3690	4295	7.1	27							
	17:01	18°01'	85°37'	4233	4268	5.2	86							
	17:14	18°12'	85°37'	4001	4030	0	0			60				
	20:30	18°07'	85°37'	4069	4433	6.5	344			0				
	20:45	17°52'	85°35'	4053	4082	5.6	257							
	21:01	17°35.5'	85°38.7	4393	4476	6.8	335							
	:15	17°32.6'	85°39.8	4281	4328	5.3	8.7							
	:35	17°48'	040.8	3990	4102	5.9	25							
	:47	17°57.7'	41.8	3886	4042	5.8	18							
	22:00	18°07'E	85°42.5	3962	4056	6.3	91							

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED	COURSE	FREQ. kHz	PULSE	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS	
				PSM	HSM										kn
25.8.	22:15 30	18°15.2'E 18°17.1	85°42.8'N 42.7	3652	3728	4.5	221	4	4	0 60	§		Spielhagen	on station	
26.08.01	01:25	18°22.6'E	85°43.4	3747	3761	11.9	62			0			Vladimir		
	:30	18°34.8	85°43.8	3645	3672	12.8	57								
	02:05	19°22.7	85°44.4	4037	4128	5.9	104							02:00 "Paradigma" restart (16)	
	:15	19°31.2	85°44.3	4004	4129	0.3	209			60				Station	
	:30	19°26.7	85°44.3	4112	4158	0.9	189								
	05:27	19°32'	85°44'	4062	4171	2.7	194			0				Sergei	End of station
	:45	19°45'	85°44'	4346	4565	6.0	73								
	06:00	19°57'	85°45'	4515	4943	52	5								
	:15	20°15'	85°46'	4790	4776	5	55								
	:30	20°26'	85°46'	4709	4747	0.2	192								
:45	20°25'	85°47'	4657	4678	6.8	287			60					Station	
07:00	20°16'	85°47'	4300	4382	1.0	193									
:15															
:30															
:45															
08:00															
11:02	20°22'	85°47'	4422	4633	1.7	64.2			0				Michaela	Station end 11:02	
11:21	20°29'	85°47'	4709	4853	3.6	79.0	4	4	0				Anna		
11:30	20°38'	85°47'	3829	4919	4.6	91.9									
11:45	20°51'	85°48'	3839	4987	5.6	73.6									
12:02	21°10'	85°48'	3839	4796	4.4	91.5								12:02 Restart computer (97)	
12:16	21°23'	85°48'	0	4602	3.7	53.8									
12:30	21°31'	85°49'	0	4842	5.0	20.1									
12:48	21°36'	85°50'	0	5178	5.6	42.4									
13:00	21°47'	85°51'	0	5144	5.0	77.7	4	4					Gerhard		
13:15	22°03'	85°51'	0	5200	5.3	69.3									
13:30	22°20'	85°52'	5016	5144	4.9	57.8								13:43 restart computer (98)	
14:00	22°47'	85°52'	0	4572	4.4	100.2								13:46 restart computer (99)	
14:18	23°01'	85°52'	4731	4286	3.2	23.7									
14:30	23°05'	85°53'	0	4390	4.4										
14:45	23°12'	85°53'	0	4381	4.6	36.1									
15:00	23°15'	85°55'	4280	4370	4.7	68.4									
15:13	23°22'	85°55'	4539	4576	3.8	10.5									
15:28	23°19'	85°56'	4812	4929	3.3	325.6									
15:48	23°12'	85°58'	4692	4826	4.6	90									
16:00	23°18'	85°58'	4591	4750	3.9	51°									
16:20	23°39'	85°58'	4740	4782	3.3	79°									
16:36	23°51'	85°59'	4851	4888	3.4	17°									
16:45	23°49'	85°59'	4825	4834	3.7	6°									
17:04	23°52.12	85°00.14	0	4921	0.3	83				60			Ulrich	Station	
19:50	23°34'	85°58'	?	?	?					0			Thomas Schmidt		
20:30													Paradigm	Restart	
20:43	23°36'	85°57'	4734	4710	5.1	70°	4	4						Hydroswep Mendant	
20:50	23°44'	85°57'	4555	4587	0.8	210°								Paradigm will mehr regelbar!	
21:00	23°45'	85°56'	4556	4572	5.9	374°								Royal topography	
21:15	23°35'	85°57'	4970	5005	3.5	210°				60				20:50 Restart computer (100)	
21:30	23°35'	85°58'	5039	5087	0.5	76°				0					

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSE	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS	
				PSM	HSM										
26.08.01	21:05	23° 39' E	85° 57' N	4606	4650	5.7	150	4	4	0	8		Thomas Schmidt	Lide mach. Dredge Station	
	22:00	23° 40' E	85° 58' N	4703	4700	5.6	324						Ugo Scop		
	22:15	23° 36' E	85° 57' N	4858	5725	1.6	1011								On Station 22:30
	22:30	23° 37' E	85° 57' N	4884	4989	0.3	4011			60					
27.08.01	02:06	24° 14.4 E	85° 55.7 N	4357	4441	5.9	245			0			Vladimir	"Paradigma" restart 100	
	:15	24° 03.0	85° 55.3 N	4198	4255	6.6	240								
	:30	23° 47.4	85° 55'	4344	4369	3.8	257								
	:45	23° 35.1	85° 55.6	4335	4398	4.8	300							Sergei	
	03:00	23° 17'	85° 56'	4655	4690	5.3	300								
	:15	23° 13'	85° 56'	4514	4890	3.8	0.3								
	:30	23° 34'	85° 56'	4422	4372	7.0	124								
	:45	23° 37'	85° 56'	4291	4361	6.6	252								
	04:00	23° 20'	85° 56'	4699	4188	4.1	290								
	:15									60					
	:20									0	8 → 9				Station
	08:56	23° 30.6	85° 56.8	4777	4801	2.0	331								
	9:00	23° 24.8 E	85° 56.9"	4802	4837	2.4	303°								
	9:15	23° 26'	85° 56"	0	4724	4.8	1097								
	9:30	23° 42'	85° 55"	4464	4524	5.3	97.6								
	9:45	23° 54'	85° 56"	4381	4787	5.5	23.0								
	10:00	23° 58.9	85° 57.6	4593	4632	4.7	348								
	:15	24° 02'	85° 58.6	4693	4755	5.9	44.9								
	:30	24° 19.3	85° 59.1	4868	4903	6.0	69.5								
	:45	24° 32.1	85° 59.75	4890	5059	6.1	36.3								
11:03	24° 47.3	86° 00.8	4373	4971	5.2	29.0									
11:18	24° 59.6	86° 01.3	4970	4675	5.3	54.4									
:30	25° 09'	86° 01'	4626	4706	3.3	101									
:45	25° 18'	86° 01'	4545	4552	2.7	46.5									
12:00	25° 30'	86° 00'	0	4636	4.7	124									
12:15	25° 38'	86° 00'	0	4949	3.1	145									
:30	25° 48'	85° 59'	0	4999	5.7	146									
:45	25° 49'	85° 58'	0	4966	5.1	111									
13:00	26° 14'	85° 58'	4746	4830	3.5	29									
:15	26° 28'	85° 59'	4705	4724	3.8	91									
:30	26° 42'	85° 58'	0	4533	4.2	93									
:45	26° 57'	85° 58'	4601	4621	4.9	104									
14:00	27° 08'	85° 58'	4526	4542	5.1	173									
14:17	27° 08'	85° 57'	4670	4652	0.4	85.1									
:30	27° 09'	85° 57'	4	4857	2.9	178.6									
:45	27° 10'	85° 57'	4563	4606	4.2	0.1									
15:33	27° 21'	85° 56'	4372	4643	6.4	68.5									
46	27° 35'	85° 56'	4555	4589	4.5	106.9									
16:00	27° 48'	85° 56'	-	4578	4.6	66.2									
16:20	27° 50'	85° 57'	4547	4592	0.2	88.3									
16:37	27° 58'	85° 57'	-	4573	5.0	105.3									
16:47	28° 06'	85° 57'	4530	4608	5.0	0.2									
17:00	28° 08'	85° 57'	4445	4998	2.9	11.2									
17:15	28° 16'	85° 59'	4064	4723	6.5	44.3									
17:30	28° 28'	85° 58'	4065	4553	4.0	71.5									
17:45	28° 41'	85° 58'	4584	4600	5.6	106.6									
18:00	28° 50'	85° 59'	3884	4734	0.3	340.2									

10:51 Restart (102)

Blocked by ice, no movement 16:50 - 17:20
17:23 Restart (103)

oe. hand

DATE	TIME (UTS)	LONG (W/E)	LAT (N)	DEPTH		SPEED KN	COURSE deg.	FREQ KHZ	PULSE	WAIT TIME	DESK ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSM									
27.08.01	18:15	29°06'	86°00'	4838	4963	4.8	3.2	4	4	0	9		GALAXIONOV	NEW page started
	18:30	29°15'	86°01'	4958	5005	1.4	63.9	"	"					
	18:45	29°18'	86°01'	4967	5015	4.4	75.9	"	"					
	19:00	29°28'	86°00'	4749	4890	4.1	82	"	"					
	19:15	29°28'	86°00'	4588	4671	4.6	7.7	"	"					
	19:30	29°25'	86°00'	4538	4621	0.3	67.3	"	"					
	19:45	29°28'	86°00'	4533	4627	0.4	63.0	"	"	50				pt off airguns 19:50 restart. (104)
	20:00	29°59'	86°00'	4538	4630	0	92.6	"	"	0				
	20:15	30°09'	86°01'	4640	4630	4.4	31.8	"	"					
	20:30	30°17'	86°01'	4514	4571	6.3	169.8	"	"					
	20:45	30°13'	86°00'	4235	5533	0.1	7.6	"	"					
	21:00	30°12'	86°00'	4354	4417	2.3	12.2	"	"					
	21:15	30°14'	86°00'	40365	4674	4.6	177.9	"	"					
	21:30	30°13'	86°00'	4362	4438	6.3	327.5	"	"					
	21:45	30°09'	86°00'	4412	4554	2.1	31.1	"	"					
	22:00	30°04'	86°01'	4601	4637	4.3	33.1	"	"					
	22:15	29°53'	86°01'	4534	4631	2.2	200	"	"					
	22:30	29°51'	86°00'	4543	4590	3.9	190	"	"					
	22:44	29°45'	86°00'	4550	4912	1.1	23.9	"	"					
	23:00	29°34.3'	86°00.4'	4740	4789	4.6	237	"	"					
	23:15	29°26.5'	86°00.4'	4677	-	3.0	288	"	"					
	23:30	29°17.6'	86°00.6'	4739	-	3.1	200	"	"					
	23:45	29°15'	85°59.9'	4697	-	0.6	177	"	"					
28.08.01	00:00	29°16'	85°59.8'	4691	4723	2.5	20	"	"					
	00:15	29°18'	85°60'	4676	4706	4.2	171	"	"					
	00:30	29°11'	85°58.8'	4599	4616	6.0	176	"	"					
	00:45	29°03'	85°58.2'	4499	4535	0.4	217	"	"					
	01:00	29°04'	85°58.1'	4507	4526	0.8	140	"	"	69				Station. TV-grab
	04:35	29°30'	85°58'	4309	4481	4.9	40	"	"	0				
	04:45	29°29'	85°58'	4478	4564	2.3	118	"	"					
	05:00	29°38'	85°58'	4253	4351	1.2	134	"	"					
	05:15	29°46'	85°58'	4245	4278	1.9	70.2	"	"					
	05:31	29°58'	85°58'	4320	4347	1.1	12	"	"					
	09:29	30°08'	85°58'	4188	4234	6.3	33.1	"	"	0				Station TUG station end 9:27
	09:45	30°01'	85°59'	4167	4767	4.8	1.5	"	"					
	10:00	29°54'	86°00'	4360	4459	5.2	308	"	"					
	10:20	29°51'	85°58'	4281	4295	3.4	18	"	"					
	10:30	29°56'	85°58'	4049	4145	2.0	138	"	"	60				Station TUG 10:36
	13:38	30°05'	85°35'	4225	4289	2.4	62.5	"	"	0				
	13:55	30°06'	85°59'	4200	4632	6.3	71.4	"	"					
	14:00	30°07' E	85°60'	4310	4367	5.4	51.3	"	"					
	14:15	30°18' E	86°00'	4309	4437	1.0	220.2	"	"					
	14:30							"	"					
	14:45	30°28.6' E	86°01.8'	4600	4623	0.3	119.6	"	"					
	15:00	30°31.03' E	86°01.9'	4609	7387	3.9	12.8	"	"					
	15:15	30°32.6' E	86°03.1'	4434	4561	0.9	290.4	"	"					
	15:24							"	"					
	15:30	30°35.3' E	86°03'	3852	3925	6.9	42.0	"	"					
	15:45	30°36.4' E	86°03.4'	3937	4422.0	1.8	126.4	"	"					
	16:00	30°37'	86°02'	4229	4471	0.9	34.3	"	"					

pt off airguns
19:50 restart. (104)

Vladimir

Station. TV-grab

Sergey

Station TUG
station end 9:27

Burkhard

Station TUG 10:36

End of Station

Winkfeld
Winkfeld

→ locate only the window range → pulled paper

→ Hydrorec - Depth ??

→ Hydrorec - Newstart (105)

Anette

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSES	WAIT. TIME	DESK ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS	
				PSM	HSM										
28.08	16:15	30°36'	86°02'	4122	43140	2.7	154	4	4					Station No. 25 Dredge	
	16:25	30°37'	86°02'	4236	4411	0.26	8.9			60					
	19:50	30°40'	86°03'	3986	4089	4.4	416	"	"	0			SEANONIN	Start morning	
	20:00	30°50'	86°03'	3990	4068	1.5	158			0			Stauf	Leaving Station	
	20:15	31°06'	86°03'	4004	4074	1.2	145.6							Restart (106)	
	20:30	31°17'	86°02'	4044	4088	5.1	70.9								
	20:45	31°29'	86°03'	4157	4122	3.8	48.2								
	21:00	31°34'	86°02'	4091	4149	5.6	36.9								
	21:15	31°42'	86°04'	4145	4266	1.3	110.7								
	21:30	31°56'	86°04'	3945	4513	3.3	125.2								
	21:45	32°03'	86°03'	4156	4193	6.1	63.6								
	22:00	32°13.2	86°04.6	4535	4767	3.5	117						Vladimir	≈ 22 ⁰⁰ relatively thick sedim. (?)	
	22:15	32°20.7E	86°04.5	4465	4501	5.2	90								
	22:30	32°32.7	86°05.1	4347	4270	4.7	51								
	22:45	32°36.0	86°05.3	4311	4355	0.3	84								
	23:00	32°45.2	86°05.5	4438	4478	3.8	83								
	23:15	32°54.9	86°05.8	4528	4561	4.7	74								
	23:35	33°11'	86°06'	4433	4497	3.2	142								
	23:45	33°	86°												
	29.08	00:00	33°32.3'	86°05.7	4380	4342	3.6	91							
00:15		33°45.1	86°05.8	4130	4158	4.7	57								
00:30		33°53.0	86°06.6	3872	3908	4.2	24								
00:45		34°02.5	86°07.3	3845	3939	3.8	42								
01:00		34°06.5	86°08.3	3996	4014	3.3	31								
01:15		34°15.9	86°09'	424	4149	4.2	22								
01:30		34°17.5	86°10'	4165	4239	3.8	43								
01:45		34°31.4	86°10.2	4215	4238	3.6	126								
02:00		34°43'	86°10'	4146	4162	4.2	60								
02:15		34°58'	86°10'	4069	4094	4.2	44								
02:31		35°12'	61°01'	4376	4367	4.2	92								
02:48		35°19'	86°12'	4597	4649	5.5	357								
03:04		35°26'	86°13'	4857	4880	5.7	4.3								
03:15		35°23'	86°14'	4912	4933	6.2	54								
03:30		35°33'	86°14'	4803	0	4.1	1.5								
03:47		35°36'	86°15'	4343	5152	4.6	355								
04:00		35°39'	86°16'	5141	5140	2.8	40								
04:15		35°46'	86°17'	5127	5146	5.6	54								
04:40		36°10'	86°17'	4733	4779	6.3	66								
05:00		36°31'	86°17'	4717	4858	4.5	54							Nico	
05:13	36°34'	86°18'	4418	4511	4.9	43									
05:30	36°52'	86°18'	4346	4374	4.5	86									
05:45	37°08'	86°18'	4371	4443	4.9	184									
06:02	37°20'	86°17'	4431	4387	3.8	99.3									
06:24	37°49'	86°17'	4439	4474	6.4	44.6									
06:32	37°49'	86°17'	4565	4474	6.4	44.6									
06:45	38°03'	86°18'	4633	4826	4.7	357									
07:00	38°14'	86°19'	4953	4969	4.2	31									
07:15	38°21'	86°20'	4959	5191	1.4	37									
07:30	38°23'	86°20'	4959	5191	0	0									
07:40										60					
07:40										0					
08:00	38°13'	86°20'	4953	4961	5.8	272									
08:15	38°15'	86°19'	4888	4662	5	258									
08:45	38°15'	86°19'	4888	4662	5	258									

Restart 6:33 (108)

Station 07:30 TV Grab

2→3→4

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSE	WAIT. TIME	DESK ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSN									
29.08	08:32	37°46'E	86°19'	-	4813	0.5	326	4	4	0			Burger	Restart 08:42 (109)
	12:13	38°03'E	86°18'	4580	4825	7.5	482							
	12:30	37°59'	86°17'	4372	4716	5.4	147							
	12:45	38°09'	86°16'	393.1	3957	0.1	464							
	13:00	38°08'	86°16'	3936	3961	4.0	350							
	13:15	38°03'	86°17'	3502	4928	4.6	38.4							
	13:31	38°13'	86°18'	4139	4814	3.7	30.0							
	13:45	38°20'	86°19'	4952	4995	4.9	45.1							
	14:02	38°34'	86°20'	5220	5239	1.1	353							
	14:15	38°34'	86°20'	5213	5232	0.5	154			60				
	15:00	38°36.9E	86°20.0	5210	5244	6.0	119.8			0				
	15:15	38°49.5E	86°19.4	5258	4689	7.1	134.9							
	15:30	38°57.1E	86°19	4188	4307	3.1	233.3							
	15:45	38°36.1E	86°20	5214	5238	2.2	297.8							
	16:00	38°37.2E	86°19.8	5215	5238	0.5	141.4							
	16:07													
	16:10	38°37.8E	86°19.8	5186	5186	0.4	293.5			60				
	20:24	38°46	86°18.8	-	4568	1.5	56	4	4	0				
	20:35	38°39	86°19.40	-	5077	1.1	178.6							
	20:45	38°35	86°19.36	-	4862	1.1	128.8							
	21:00	38°23	86°19	4889	5125	5.9	263							
	21:15	38°10	86°20	-	-	3.2	295							
	21:30	38°07	86°20	4990	5139	0.3	113							
	21:45	38°01	86°20.8	4800	4873	3.7	280							
	22:00	37°58.4	86°21.7	4955	4379	5.1	5.6							
	22:15	37°59.2	86°22.5	-	-	1	88							
	22:30	38°00	86°22.5	4017	4103	1.6	73							
	22:45	38°16	86°23	4499	4663	5.1	69							
	23:00	38°31	86°23.6	-	4778	5.2	102							
	23:15	38°51	86°24	3839	4993	4.7	69							
	23:30	39°08	86°24	4288	4993	4.2	126							
	23:45	39°27	86°24	4286	5113	4.9	86							
30.08	00:00	39°43	86°24	4289	4844	4.9	79							
	00:15	40°00.6	86°24	3839	4761	4.7	59							
	00:30	40°14'	86°25'	3990	4902	5.7	42							
	00:45	40°27'	86°26'	4815	5103	3.7	23							
	01:00	40°34'	86°27'	4815	5761	3.9	58							
	01:15	40°43'	86°27'	4654	5066	5.4	355							
	01:30	40°58'	86°28'	4417	4489	4.1	40							
	01:45	41°09'	86°29'	4471	4564	4.6	34							
	02:00	41°10'	86°29'	4422	4471	0.2	197							
	02:20	41°11'	86°29'	4432	4695	1.4	12							
	02:30	41°11'	86°30'	4379	4945	1.5	11.2							
	02:45	41°11'	86°29'	4382	4954	0.1	321							
	03:04	41°11'	86°30'	4380	4940	3.6	20			60				
	03:35													
	03:45	41°14'	86°30'	4409	4459	2.1	17.7			0				
	04:00	41°19'	86°31'	4346	4442	4.7	46.4							
	04:15	41°35'	86°31'	4280	4351	2.2	110							
	04:33	41°56'	86°31'	3974	4025	7.3	132							
	04:45	42°09'	86°31'	3048	3776	3.8	104							
	05:00	42°12'	86°31'	3657	3677	0.5	101			60				

Anette

Mallo

Gerhard

Vladimir

Scoger

T. Schmidt

Parasound depth between 1600 and 3600 m changing, can't find good signal; 13:18 restart (110) 14:00 restart. 14:14 Station Heavy (111)

Station (padding)

End of station

Restart 20:25 (112)

Paradigma restart (113)

Stop by ice, negotiations with Healy. Start shooting

Paradigma restart (114)

heavy ice conditions / v->φ

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSES	WAIT. TIME	DESK ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS	
				PSM	HSM										
30.08.01	05:15	42°21'E	86°31'	3637	3700	5.5	101	4	4	0	9		T. Schmidt		
	05:30	42°40'E	86°30'	3343	3379	5.7	100								
	05:45	42°49'E	86°31'	4430	672	6.5	100								
	06:00	42°58'E	86°31'	3141	4560	3.4	90								
	06:15	43°04'E	86°31'	3088	3126	2.7	72								
	06:30	43°01'E	86°31'	3087	3127	1.0	263								
	06:45	43°05'E	86°31'	3086	3141	2.6	288								
	07:00	43°05'E	86°31'	3089	3161	1.5	242								
	07:07	43°05'E	86°30'	3092	3180	1.1	26								
	07:15	43°05'E	86°30'	3092	3184	1.1	246								
	07:35	43°05'E	86°30'	3092	3184	1.1	246								
	07:45	43°07'E	86°30'	3131	2224	1.9	107								
	08:22	43°34'E	86°32'	2604	3238	4.8	323								
	09:45	43°12'E	86°34'	3612	4536	6.4	337								
	09:00	43°03.8'	86°35.9'	0	4025	6.9	283	4	4	0				Anna	
	09:15	42°48.7'	86°36.1'	3993	4024	7.6	303								
	09:30	42°27.6'	86°36.5'	4017	4035	6.6	208								
	09:45	42°18.2'	86°36.1'	3978	3983	6.7	242								
	10:00	42°11.5'	86°36.0'	3821	4114	5.0	253								
	10:15	42°01.0'	86°36.0'	3925	3937	2.0	116								
	10:30	42°08.3'	86°36.2'	3764	3775	0.1	81			60					
	15:53.19	42°01.94	86°35.82	3511	3923	3.5	86	4							
	16:15.22	41°57	86°36	3939	4029	3.0	327								
	16:30	41°43	86°36	3228	4610	2.8	207								
	16:45	41°27.6	86°36.8	3584	2984	0.7	74.4	4							
	17:00	41°25.1	86°36.4	3056	3700	1	11			60					
	17:30											9 → 10			
	17:33	41°33'E	86°36.4												
	17:45	41°40'E	86°35.1	3317	3742	6.7	228	4	4	0					
	18:00	41°38'E	86°35.1	3425	3318	1.7	206								
18:15	41°34'E	86°34.1	3289	3508	4.0	173									
18:30	41°32'E	86°34.1	3582	3516	6.7	173									
19:00	41°48'E	86°32.1	4072	4072	4.1	84									
19:15	41°50'E	86°32.1	4135	4265	7.6	107									
19:31	42°14'E	86°30.9'N		3663	0										
19:45	42°23'E	86°30.9'N		4440	4.6	107									
20:30	43°09'E	86°31.5'N	3052	3036	1	102									
20:45	43°10'E	86°31.6	3048	3025	0.5	109									
21:00	43°12.5	86°31.6	2963	2930	0.9	25									
21:15	43°15	86°31.6	2957	2980	0.2	82									
21:30	43°14	86°31.6	2934	3154	0.6	295									
21:45	43°15	86°31.6	2896	2095(?)	2.3	83									
22:00	43°19	86°31.6	-	3053	0.5	76									
22:15	43°19.7	86°31.7	3104	3101	0.0	73									
22:45	43°23	86°31.7	3200	3216	1.6	81									
23:00	43°27	86°31.7	3338	3325	3.4	74									
23:15	43°29	86°31.7	3380	3374	2.0	83									
23:30	43°42	86°32.2	3570	3494	3.2	50									
23:45	44°03	86°33	3638	3584	4.9	62									
31.08.01 00:00	44°19	86°33.6	3862	3888	4.9	70									
00:15	44°31	86°33.9	3995	4001	1.5	90									
00:30	44°47	86°34.5	3895	4286	2.4	11									
00:45	44°47	86°35	252	4743	0.4	14									

>6000
very deep, started to snow (Depth)

heavy ice

restart of the computer (115)

begin station 16¹¹ Reboot (116)

some backward forward movements because of heavy ice!

Station
Velle changed
Restarting Personal because NWS
seen & work again (117)

Restart (118)

Restart (119) Ship stops, strk 1939
unable to allocate correct depth
20:20 Restart (120)

"Paradigma" restart (121)

22³⁰ "Paradigma" restart (122)

DATE	TIME (UTS)	LONG (W/E)	LAT (N)	DEPTH		SPEED KN	COURSE deg.	FREQ KHZ	PULSES	WAIT TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS	
				PSM	HSM										
31.02.01	01:00	86°36'	44°58'	4823	4825	5.5	81	4	4	0	19		Serge	NO SIGNAL PARADISE REPORT (123)	
	:15	86°36'	45°21'	4815	0	4.0	99								
	:30	86°36'	45°30'	47:05	4822	0.2	131								
	:45	86°35'	45°33'	4805	4861	0.2	235								
	02:00	86°36'	45°37'	4748	4803	4.8	78								
	:15	86°36'	45°53'	4501	4534	3.8	122								
	:30	86°37'	46°05'	4435	4524	4.2	29								
	:45	86°37'	46°20'	4520	4699	5.8	78								
	03:00	86°37'	46°31'	4591	4612	4.2	112								
	:15	86°37'	46°53'	4011	4225	3.7	56								
	:30	47°06'	86°38'	4215	4252	5	36								
	:45	47°02'	86°39'	4497	4636	4	353								
	04:00	47°13'	86°40'	4507	4708	5.2	61								
	04:15	47°21'	86°41'	4508	4777	3.1	56								Binger
	04:30	47°41'	86°41'	3839	4825	4.4	115								
	04:45	47°50'	86°41'	3839	4958	2.0	92								
	05:00	48°00'	86°41'	4438	4944	5.7	102								
	05:15	48°20'	86°41'	4464	4527	3.7	349								
	05:30	48°24'	86°42'	4515	6030	5.1	363								
	05:45	48°32'	86°43'	3840	4988	3.7	25								
	06:00	48°43'	86°43'	3840	4765	1.8	66								
06:15	48°48'	86°42'	3838	4797	5.0	12.4									
06:30	49°00'	86°43'	3900	5075	5.4	9.8									
7:00	49°30'	86°44'	4899	5008	1.8	270							Phillip		
7:20														new start of the computer (124)	
7:40	49°46'	86°44'	4767	4977	2.1	62.5									
7:55	49°56'	86°44'	0	4754	7.6	70.3									
8:15	50°14'	86°45'	4565	4602	7.5	61							Burkhard		
8:30	50°31'	86°45'	4500	4569	6.6	88									
8:45	50°21'	86°45'	4582	4597	6.6	244									
9:00	49°55'	86°44'	4622	4726	7.0	255			60						
11:15	63°49'	86°44'	4730	4761	1.8	311			60				G. Land		
13:39	50°03'	86°44'	-	4969	6.3	258.9			4	4	0			End of station	
13:45	49°54'	86°45'	-	4736	6.0	289.5									
14:00	49°37.4E	86°45.6	4867	4905	6.3	352									
:15	49°32.8E	86°46.5	4835	4985	5.3	377.8									
:30	49°12.9E	86°47.5	5062	5092	9.1	134.7									
:45	48°59.1E	86°47.4	4953	5353	4.2	278.2									
15:00	48°44.7E	86°47.4	5003	5067	6.5	281.5									
:15	48°32.6E	86°48.0	4812	4810	1.4	289.2									
:30	48°20.3E	86°48.7	4769	4835	8.4	319.7									
16:00	47°36.3E	86°50.2	4082.9	4150.0	1.3	82.0									
:15	47°38.6E	86°49.2	3797.4	4674.0	2.4	161.5									
:30	47°37.6E	86°49.2	4490	4530	0.4	200.4									
:45	47°56.6E	86°49.1	4497	4552	0.3	239.8									
20:35	47°43.1	86°50.5'	-	4605	4.0	71				0				Vladimir	
:45	47°44.8	86°50.4	4048	4457	2.9	211									
21:00	47°52	86°49.2	-	4625	4.4	170									
:15	48°07	86°48.2	-	4796	6.0	112									
:30	48°21.2	86°47.9	-	4882	4.0	117									
:45	48°54.4	86°47.5	4881	5167	3.1	93									

7:00 on station

DATE	TIME (UTS)	LONG (W/E)	LAT (N)	DEPTH		SPEED	COURSE	FREQ, KHZ	PULSES	WAIT. TIME	DESK ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSM									
01.09.01	12:15	59° 43'	86° 55'	3247	4251	2	79	4	4	0	10		GABRIEL NOV	12:26 crash (135)
	13:30	61° 07'	86° 54'	3276	3390	4.8	102	"	"					
	13:45	61° 28'	86° 54'	3050	3200	9.1	107	"	"					
	14:00	61° 33'	86° 54'	0	3095	7.0	136	"	"					
	14:15	61° 46'	86° 54'	2759	2820	3.6	277							
	14:30	62° 07'	86° 54'	3186	3368	5.0	120							
	14:45	62° 16'	86° 54'	3764	3886	2.5	62.8							
	15:00	62° 20'	86° 54'	3450	3881	7.4	90.5							
	15:30	62° 49'	86° 54'	4590	4695	.4	166							
	15:45	63° 00'	86° 53'	4522	4580	1.1	114.5							
	16:00	63° 10'	86° 52'	4782	4849	4.4	157							
	16:15	63° 19'	86° 53'	4867	4965	4.2	41.2							
	16:30	63° 40'	86° 54'	4585	4528	5.5	35						Th. Schmidt	
	16:45	63° 46'	86° 54'	4399	4470	2.5	282							
	17:00	63° 48'	86° 54'	4403	4429	2.8	159							
	17:15	63° 40'	86° 54'	4570	4617	6.9	184							
	17:30	63° 24'	86° 53'	4561	4870	2.3	160							
17:45	63° 27'	86° 53'	3839	4881	0	20				60			Restart Pc 17:45 (132) Station: Dredge	
02.09.01	22:20	63° 51'	86° 53.6	4469	4521	1.7	144			0				
	22:30	63° 46'	86° 53.8	4433	4487	2.7	337							
	22:45	63° 44.7'	86° 53.8	4441	4485	1.6	281							
	23:00	63° 35'	86° 54.1	4444	4519	7.5	262							22:55 "Paradigma" restart (133)
	23:15	63° 18'	86° 53.9	4732	4763	0.6	357							
	23:45	63° 20'	86° 53.9	4725	4758	0.2	140							
	00:00	63° 20'	86° 53.9	4728	4759	0.2	86				60			Waiting "Kealy"
	01:43	63° 23'	86° 53.7	4756	4794	1.8	14				0			
	02:05	63° 32'	86° 53.7	4561	4642	2.4	94							
	02:15	63° 44'	86° 54'	4573	4923	6.4	194							
02:30	63° 59'	86° 53'	4659	4691	4.8	162								
02:45	64° 03'	86° 52.1	4842	4869	5.4	187								
03:00	64° 10'	86° 51'	4933	4944	5.8	115								
03:15	64° 27'	86° 50'	4923	4940	3.0	121								
04:00	65° 15'	86° 48'	4673	4807	4.4	734								
04:15	65° 20'	86° 47'	4766	5151	4.0	197								
04:30	65° 19'	86° 46'	5076	5062	5.6	183								
04:45	65° 34'	86° 45'	4999	5021	3.4	116								
05:00	65° 44'	86° 45'	4997	5026	4.2	201								
05:17	66° 02'	86° 44'	4885	4898	5.8	85								
05:37	66° 23'	86° 44'	4910	4932	3.4	97								
5:45	66° 29' E	86° 44' N	4902	4916	1.0	316			4	4	0	10		
6:00	66° 35'	86° 44'	4869	4901	3.3	155								
6:15	66° 46' 307E	86° 43' 102N	4100	4763	3.9	197								
6:30	66° 53' 4 E	86° 43' 11 N	4340	4784	5.4	77								
6:45	67° 20' 172E	86° 43' 035N	0	4457	3.3	47								
7:00	67° 33' 38E	86° 43' 102N	0	4235	4.6	70								
07:26	68° 07'	86° 42'	3927	4006	0.1	19								
													Preparation of PARADIGM channel	Station reports, DTH (190)

DATE	TIME (UTS)	LONG (W/E)	LAT (N)	DEPTH		SPEED KN	COURSE deg.	FREQ KHZ	PULSES	WAIT TIME	DESC ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSM									
02.09.01	08.00	68° 13.3' E	86° 43.4'	0	3966	8.4	353	4	4	0	10		Anna	
	08.15	67° 50.8' E	86° 43.3'	0	4173	8.0	253							
	08.33	67° 17.3' E	86° 43.3'	4419	4444	8.3	271							
	08.52	66° 51.2' E	86° 43.5'	0	6520	4.1	217							8.50 Restart computer (141)
	09.00	66° 41.6' E	86° 43.8'	0	5165	3.1	290							
	09.14	66° 39.1' E	86° 44.2'	4858	4880	1.3	199			60				9.05 Restart computer (142)
	13.30	67° 03'	86° 42'	4336	4395	.3	105			0. Cnd at station				
	13.45	67° 01'	86° 42'	4354	4418	6.3	192.5							
	14.00	67° 01'	86° 41'	4421	4590	5.0	132.5							
	14.15	67° 01'	86° 41'	4538	4582	0.4	73.6	4	4				Gerhard	
	14.30	67° 11'	86° 41'	4314	4429	5.2	146.1							
	14.45	67° 31'	86° 40'	4	4478	2.0	70.8							
	15.00	67° 44'	86° 40'	-	4170	2.0	43.1							
	15.15	67° 56'	86° 40'	-	4447	5.0	138.3							
	15.30	68° 05'	86° 40'	4513	4534	5.3	89.5							
	15.45	68° 20'	86° 39'	-	4565	3.5	135							15.50 Restart computer (143)
	16:00	68° 34'	86° 39'	-	4357	3.6	89							
	16:18	68° 52'	86° 39'	3705	3734	6.9	191						Serges	
	16:30	68° 54'	86° 39'	3474	3499	3.7	246							
	16:45	68° 45'	86° 37'	3411	3466	3.8	78.8							
	17:00	68° 50'	86° 37'	3166	3204	2.6	179							
	17:15	68° 59'	86° 35'	3222	2995	2.9	15			60				Station
	17:20									0			Vladimir	"Paradigma" restart (144)
	20:44	69° 03'	86° 35.4'	3058	3277	4.3	82							
	21:00	69° 18.9'	86° 35.4'	3093	3282	5.1	109							
	21:15	69° 37'	86° 34.5'	3104	3487	6.0	105							
	21:30	69° 50'	86° 33.7'	3357	3453	5.3	108							
	21:50	70° 13'	86° 34.8'	4084	4146	4.9	99							
	22:00	70° 27.7'	86° 34.8'	4102	4187	6.6	85							
	22:18	70° 56'	86° 34.8'	4182	4190	5.7	97							
	22:29	71° 01'	86° 35'	4182	4191	4.1	359							
	22:45	70° 50'	86° 36'	3851	3962	5.3	240			60	10 → 11		Serges	"Paradigma" restart (145)
	23:00	70° 29'	86° 35'	3990	4210	5.4	270			60				Exchange Des. Station Drudge
	23:15									60				0:43 "Paradigma" restart (146)
03.09.01	3:21	70° 23'	86° 36'	3628	3690	0.2	722						GALAKTIONOV	3:21 start moving
	3:30	70° 31'	86° 36'	3623	3620	4.2	144							
	3:45	70° 29'	86° 35'	3729	4215	6.4	126							
	4:00	70° 32'	86° 34'	3765	4368	4.2	128							
	4:16	70° 50'	86° 33'	3915	4165	4.4	142							
	4:30	70° 53'	86° 32'	3729	4153	5.1	163							
	4:45	70° 54'	86° 31'	3890	3726	4.2	185							
	5:00	71° 07'	86° 30'	3740	4672	4.3	166							
	5:15	71° 12'	86° 29'	-	3946	5.4	129						Gerhard Vespina	
	5:30	71° 23'	86° 28'	3848	3942	4.8	194.5							
	05:45	71° 31'	86° 28'	3672	3764	0.2	359							Restart 05:54 (147)
	06:00	71° 34'	86° 27'	3717	3760	6.3	204							
	06:15	71° 52'	86° 27'	5587	3854	4.7	120							
	06:32	72° 00'	86° 26'	3249	3954	1.2	350							
	06:45	72° 04'	86° 25'	3909	4024	1.6	301							
	07:15	72° 11' E	86° 23' N	4139	4185	5.2	163							
	07:30	72° 13' E	86° 22' N	4137	4216	6.1	278							
	07:45	72° 18' E	86° 22' N	4188	4211	7.2	125							Restart PC & HP3852 (148)

DATE	TIME (UTS)	LONG (W/E)	LAT (N)	DEPTH		SPEED	COURSE	FREQ	PULS	WALT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSM									
030301	08:00	72° 14' E	86° 21' N	4132	4206	7.3	236	4	4	0	11		Nechida	
	08:15	72° 03' E	86° 20' N	4202	4215	7.8	166							
	08:30	72° 05' E	86° 20' N	4437	4209	0.8	135							
	08:45	72° 20' E	86° 19' N	4436	4142	6.4	146							ca 9:20 Restart (149)
	09:30	72° 32	86° 16'	4065	4082	1.3	84							
	9:45	72° 31	86° 15'	4045	4112	2.3	44							
	10:00	72° 36	86° 17'	4138	4132	1.6	13			60				Station
	12:05	72° 40	86° 17'	4144	4134	0.3	1803			0				Station end 12:05
	12:15	72° 36	86° 17'	4091	4103	5.3	154.8							
	12:30	72° 35	86° 16'	4084	4071	2.0	180.8							
	12:45	72° 29	86° 15'	3875	3857	1.5	341.6							restart 12:54 (150)
	13:00	72° 36	86° 15'	3780	3800	5.8	122.4							restart 13:17 (151)
	13:15	72° 39	86° 15'	3794	3854	0.4	232.9							STATION
	13:30	72° 37	86° 15'	3784	3806	0.2	29.8			60				
	15:00	72° 37	86° 15'	3780	3804	0.7	346.2			0				End of Station
	15:15	72° 33	86° 16'	3899	3989	3.1	6.8							
	15:30	72° 37	86° 17'	3837	4087	3.0	20.7							
	15:45	72° 38	86° 17'	3840	4117	3.3	22.4							
	16:00	72° 45	86° 18'	3765	4177	4.3	9.7							
	16:15	72° 47	86° 19'	4183	4200	3.8	23.0							
	16:30	72° 50	86° 20'	4198	4212	4.7	7.7							
	16:45	72° 55	86° 21'	4180	4192	5.1	34.2							
	17:00	73° 01	86° 22'	4128	4161	4.7	12.3							
	17:15	73° 01	86° 23'	3990	4020	4.4	12.9							
	17:30	73° 03	86° 24'	3944	3985	4.5	2.4							17:55 restart Data corruption
	17:45	73° 01	86° 25'	3949	3959	4.9	343.3							18:14 restart Data corruption
	18:00	73° 09	86° 26'	3859	3879	4.2	4.8							18:42 " 152, 153, 154
	18:15	73° 22	86° 27'	3915	3933	5.5	0.3							
	18:30	73° 26	86° 28'	3978	3990	3.3	29.3							
	18:45	73° 35	86° 29'	3995	4005	5.8	14							
	19:00	73° 44	86° 30.6'	3925	3959	4.5	320							
	19:15	73° 34	86° 31.6'	3966	3987	3.6	10							
	19:30	73° 47	86° 32.6'	3632	3661	5.8	51							"Paradigma" restart 155
	19:45	73° 51	86° 33.4'	3508	3520	5.0	353							
	20:00	73° 55	86° 34.6'	3523	3535	4.8	14							
	20:15	73° 51	86° 35.6'	3356	3392	3.6	348							
	20:30	73° 46	86° 36.5'	-	-	4.0	351							
	20:45	73° 48	86° 37.5'	3329	3354	4.9	12							
	21:00	73° 56	86° 38.4'	3339	3352	3.8	41							
	21:15	74° 10	86° 39.4'	3170	3182	5.1	33							
	21:30	74° 17	86° 40.5'	3373	3384	4.5	69							
	21:45	74° 28	86° 41.5'	3453	3456	4.4	11							
	22:00	74° 31	86° 42.4'	3172	3234	4.0	15							
	22:15	74° 31	86° 43.5'	3319	3338	4.5	347							
	22:30	74° 44	86° 44.4'	2919	3078	5.3	74							
	22:45	75° 04	86° 44.6'	3384	3449	5.2	49							
	23:00	75° 16	86° 46'	3163	3177	4.1	358							
	23:15	75° 21	86° 46'	3662	3681	4.5	336							
	23:30	75° 19	86° 47'	3133	3143	5.0	360							
	23:45	75° 25	86° 49'	3362	3376	4.6	315							
	00:00	75° 02	86° 49'	3335	3680	3.2	310							

Meloeb

ALESSANDRO

Andrew

Anette

Vladimir

Serges

ca 9:20 Restart (149)

Station end 12:05

restart 12:54 (150)

restart 13:17 (151)

End of Station

17:55 restart Data corruption
18:14 restart Data corruption
18:42 " 152, 153, 154

"Paradigma" restart 155

"Paradigma" restart 156

DATE	TIME (UTC)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSES	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSM									
04.09.01	00:15	75°04'	86°51'	3011	3040	8.7	340	4	4	0	11		Sergei	
	00:30	75°21'	86°52'	2981	2313	6.4	28							
	00:45	75°33'	86°53'	3436	3341	4.7	350							
	01:00	75°36'	86°54'	3505	3418	5.5	359							
	01:15	75°35'	86°55'	3325	3388	6.2	28							
	01:30	75°49'	86°56'	3796	3936	6.1	56							
	01:45	75°59'	86°58'	3907	3936	5.7	8							
	02:00	76°10'	86°59'	4071	4149	4.2	38							
	02:15	76°18'	87°01'	4438	5086	3.9	18							
	02:30													
	02:45													
	03:00	76°34'	87°04'	4084	4072	4.8	28							
	03:16	76°47'	87°05'	3972	4016	4.3	30							Cannon
	03:30	76°56'	87°06'	4319	4346	4.4	11							
	03:45	77°01'	87°07'	0	4334	5.7	348							
	04:00	77°05'	87°08'	4069	4084	6.1	20							
	04:15	77°22'	87°09'	4015	4138	3.6	73							
	04:30	77°46'	87°09'	3813	3771	5.8	87							
	04:45	78°02'	87°10'	0	4429	5.5	32							
	05:00	78°00'	87°11'	4430	4440	5.5	344							GAD
	05:15	77°43'	87°12'	4410	4427	4.9	322.2							
	05:30	77°54'	87°13'	4432	4350	4.3	3.4							
	05:45	78°08'	87°14'	4430	4439	6.3	25.8							
	06:00	78°16'	87°15'	4431	4442	4.9	44.2							
	06:15	78°25'	87°17'	4433	4444	4.2	29.4							
	06:30	78°27'	87°17'	4439	4442	5.4	334							
	06:45	78°46'	87°18'	4432	4440	4.5	69.8							
	07:00	78°51' E	87°19' N	4433	4450	6.3	21.5							Holse
	07:15	78°55' E	87°20' N	4433	4449	4.4	345.2							
	07:30	79°03' E	87°20' N	4433	4449	4.3	24.6							
	07:45	79°10' E	87°22' N	4433	4445	4.8	19.1							
	08:00	79°14' E	87°23' N	4433	4453	3.3	17.0							
	08:15	79°32' E	87°24' N	4432	4442	3.7	36.1							
	08:30	79°54' E	87°25' N	4432	4441	5.9	39.5							
	08:45	79°58' E	87°26' N	4431	4445	6.1	1.3							
	09:00	80°00' E	87°27' N	4432	4446	6.1	19.8							
	09:15	80°07' E	87°28' N	4420	4444	5.3	33.8							Phillips
	09:30	79°56' E	87°28' N	4430	4443	3.8	34.5							
	09:45	79°57' E	87°30' N	4428	4450	4.1	35.7							
	10:00	79°56' E	87°32' N	4427	4445	4.9	60.0							
	10:15	80°12' E	87°33' N	4425	4441	5.6	54.0							
	10:30	80°20' E	87°33' N	4422	4432	4.8	16.0							
	11:00	80°30' E	87°34' N	4222	4257	2.6	141.0							
	11:17	81°01' E	87°34' N	4425	4438	6.6	102.0							
	11:30	81°21' E	87°34' N	4427	4445	5.0	37.0							Wirtfeld
	12:00	82°00' E	87°36' N	4380	4678	3.2	54.0							
	12:20	82°10'	87°37' N	4429	4443	4.3	2.1							
	13:02	81°55' E	87°40' N	4430	4442	4.3	62.0							
	13:16	82°17' E	87°41' N	4433	4608	6.0	21.5							
	13:37	82°18' E	87°42' N	4428	4443	6.3	34.2							
	14:18	82°35' E	87°46' N	3872	4442	5.8	80.5							
	14:44	83°02' E	87°47' N	4422	4441	6.0	33.7							
	15:07	83°30' E	87°48' N	4428	4672	6.3	29.8							
	15:15													

restant 157

Phillips

Wirtfeld

Restant

Boell

Hando (x2)

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSES	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				P5M	H5M									
04. 09. 01	15:30	83° 58.9 E	87° 50.4 N	4427	4436.0	6.4	41.0	u	u		17			retest (2nd) because of the pinks Restart and Discharge at 17:02 switched on again at 17:06 Station 159 "Paradigma" restart 160 22:10 "Paradigma" restart 161 GALAXIONOV
	15:49	83° 48.6 E	87° 51.5 N	4426.2	4435.0	3.9	12.2							
	16:00	83° 56.6 E	87° 52.7 N	4426.5	4434.0	4.4	44.6							
	16:15	84° 26.5 E	87° 52.6 N	4425.8	4442.0	6.9	89.7							
	16:30	84° 06.8 E	87° 52.6 N	4426.3	4438.0	8.1	42.2							
	16:44	84° 26.3 E	87° 53.5 N	4426.8	4438.0	5.9	6.3							
	17:00	85° 23.7 E	87° 54.8 N	4426.8	4437.0	4.8	1.0							
	17:13	85° 03.6 E	87° 54.8 N	4426	4441	0	0				60			
	18:10	84° 48 E	87° 55.8 N	4425	4438	3.4	10				0			
	18:30	85° 05 E	87° 58.2	4425	4436	5.5	72				0			
	19:00	86° 01.865 E	87° 59.26 N	4424	4438	4.5	38							
	19:15	86° 33.1 E	88° 00.1 N	4423	4437	4.6	77							
	19:30	86° 58.1	88° 00.8 N	4424	4435	5.0	51							
	19:45	87° 28.1	88° 01.7 N	4424	4433	5.8	43							
	20:00	87° 46.1	88° 02.7 N	4424	4428	5.8	16							
	20:15	87° 56.1	88° 03.8 N	4424	4434	6.8	7							
	20:30	88° 24.1	88° 04.5	4424	4439	5.7	83							
	20:45	88° 48.1	88° 05.3	4422	4434	5.9	359							
	21:00	88° 41.1	88° 06.6	4422	4433	5.0	353							
	21:15	89° 04.1	88° 07.8	4421	4430	6.0	42							
21:30	89° 29.1	88° 08.7	4421	4431	5.9	37								
21:45	89° 54.1	88° 09.9	4420	4430	5.4	26								
22:00	90° 11.1	88° 11.1	4419	4430	2.7	14								
22:15	90° 31.1	88° 11.9	4419	4430	4.4	30								
22:30	91° 03.1	88° 12.9	4419	4431	6.8	84								
22:45	91° 53.1	88° 13.1	4419	4425	6.7	90								
23:01	92° 27.1	88° 14.1	4417	4428	5	342								
23:17	92° 23.1	88° 15.1	4416	4436	3.2	355								
23:30	92° 11.1	88° 16.1	4415	4418	4.3	324								
23:47	92° 05.1	88° 18.1	4415	4428	4.0	13.2								
00:00	92° 16.1	88° 19.1	4415	4427	5.2	22.4								
00:15	92° 34.1	88° 20.1	4414	4424	6.9	30								
00:30	93° 00.1	88° 21.1	4413	4424	7	20.5								
00:45	93° 22.1	88° 22.1	4412	4422	5	5.7								
01:00	94° 02.1	88° 23.1	4411	4423	6.4	12.2								
01:16	94° 36.1	88° 24.1	4410	4414	3.9	24								
01:30	94° 50.1	88° 25.1	4409	4420	5.9	16								
01:45	95° 20.1	88° 25.1	4408	4415	5.1	6.1								
02:00	96° 07.1	88° 26.1	4406	4414	4.1	43								
02:15	96° 30.1	88° 27.1	4405	4413	6.5	31								
02:37	97° 32.1	88° 28.1	4403	4413	8.9	72								
02:48	98° 13.1	88° 28.1	4403	4412	3.9	39								
03:00	98° 39.1	88° 28.1	4401	4408	5.1	66.1								
03:15	98° 49.1	88° 28.1	4400	4407	7.8	51.2								
03:30	98° 45.1	88° 30.1	4399	4405	3.5	348								
03:45	98° 37.1	88° 31.1	4398	4408	5.3	35.8								
04:00	98° 26.1	88° 32.1	4399	4406	7.5	20.3								
04:15	99° 39.1	88° 33.1	4398	5134	6.7	22.6								
04:30	99° 55.1	88° 34.1	4396	4732	5.8	27.2								
04:45	100° 09.1	88° 35.1	4395	4728	4.8	21.0								
05:00	100° 24.1	88° 36.1	4393	4702	5.0	33.0								
05:15	101° 02.8 E	88° 37.4	4388	4401	5.1	61.9								

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSES	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSN									
5/20/04	5:30	101° 36.6E	88° 37.8	4390.7	4400	4.4	88.1	4	4	11				
	5:45	102° 15.1E	88° 37.1	4390	4395	3.7	105.3							
	6:00	103° 39.7E	88° 36.6	4389.3	4398	4.9	114.4							
	6:15	104° 11.4E	88° 36.6	4388.7	4398	4.4	23.7							
	6:30	104° 15.8E	88° 37.0	4387.5	4383	2.9	340.7							
	6:45	104° 18.7E	88° 36.8	4387.4	4397	0.2	23.7							
	7:00	104° 17.7E	88° 38.3	4387.6	4395	0	336.8							
	7:15	104° 12.6E	88° 38.9	4387.6	4400	1.8	346.1							
	7:30	104° 13.7E	88° 35.4	4385	4364	3.1	31.6							
	7:45	105° 07.6E	88° 40.26	4383	4386	5.5	4.4							
	8:00	105° 41.1E	88° 41.8	4380	4387	6.3	35.6							
	8:15	105° 44.1E	88° 41.1	4386	4382	6.2	31.3							
	8:30	106° 30.1E	88° 43.43	4390	4373	6.8	39.4							
	8:45	107° 20.1E	88° 44.7	4368		4.9	0.25							
	9:00	107° 58.7E	88° 44.8	4368	4383	6.3	57.0							
	9:15	108° 49.1E	88° 45.1 N	4367	4379	3.4	63.2							
	9:30	109° 16.1E	88° 45.1 N	4369	4377	4.6	1.3							
	9:45	109° 38.1E	88° 47.1 N	4369	4370	4.8	24.4							
	10:00	110° 07.1E	88° 48.1 N	4368	4375	5.4	25.8							
	10:15	110° 52.1	88° 49.1	4366	4380	7.3	52.3							
	10:30	111° 37.1	88° 49.1	4365	4371	3.6	29.3							
10:45	111° 53.1	88° 50.1	4364	4375	2.4	45.2								
11:00	112°	88° 51.1	4363	4373	1.9	36.3								
11:15	112° 40	88° 51.1	4362	4372	6.3	61.3								
11:30	113° 26	88° 53	4356	4365	4.8	77.5								
11:45	113° 38	88° 53	4355	4250	5.2	54.0								
12:00	114° 30	88° 53	4352	4359	1.4	48.2								
12:15	115° 01	88° 54	4351	4359	4.9	55.0								
12:30	115° 24	88° 54.4	4351	4363	1.9	100.5								
12:40	115° 46	88° 54.6	4350	4361	1.8	91.4								
13:00	116° 51	88° 55	4349	4361	6.5	52.4								
13:15	117° 38	88° 55	4347	4354	3.5	24.9								
13:30	118° 28	88° 55	4344	4355	4.5	101.9								
13:45	119° 30	88° 55	4342	4351	5.2	17.7								
14:00	120° 25	88° 56	4337	4352	3.2	125.1								
14:15	121° 25	88° 55	4334	4347	4.4	69.4								
14:30	122° 16	88° 56	4334	4337	3.5	58.4								
14:45	123° 01	88° 56	4334	4337	5.4	79.5								
15:01	124° 04	88° 57	4333	4365	5.0	38.1								
15:15	125° 13	88° 58	4333	4340	3.8	86.9								
15:30	126° 26	88° 58	4330	4340	5.1	52.8								
15:45	127° 23	88° 58	4334	4336	6.1	118.6								
16:00	128° 20	88° 58	4334	4329	2.3	18.7								
16:15	128° 54	88° 59	4334	4329	5.0	14.6								
16:30	129° 54	88° 00	4334	4315	5.6	31.6								
19:10	130° 19 E	89° 01	4334	4321	0.5	2.6								
19:30	129° 57	89° 01	4334	4330	2.7	33.0								
19:45	129° 05	89° 01.6	4333	4334	6.7	26.5								
20:00	128° 02	89° 02.1	4334	4349	5.2	27.8								
20:15	127° 16	89° 02.3	4334	4338	7.0	28.8								
20:30	126° 31	89° 02.6	4334	4344	9.2	32.3								
20:45	126° 27	89° 04.3	4334	4347	4.4	30.3								
21:00	126° 32	89° 04.8	4334	4340	4.7	31								

(6:20: restart) /162
 started in ice
 "edge" ice remaining
 Systems stand /163

Nico
 Reboot ParaDigMa /164
 restart ParaDigMa again /165

DESO ROLL CHANGE
 11 -> 12
 Anette
 restart 1530 /166
 Station at 16:40

Vladimir

0

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSES	WAIT. TIME	DESSO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSN									
05.09.01	21:20	126°39'E	89°06.0	4334	4344	4.0	345	4	4	0	12			
	:30	126°12'	89°06.7	4334	4347	4.0	338							
	:45	125°28'	89°07.9	4334	4339	2.9	356							
22:00	124°47'	89°09.2			4326	5.5	348							
	:15	124°25'	89°10.4		4320	5.7	8							
	:30	125°27'	89°11.4		4321	7.2	86							
	:45	127°27'	89°11.9		4332	6.8	22							
23:00	128°42'	89°13'			4507	6.0	63							
	:15	130°18'	89°14'	4330	4703	4.9	56							
	:30	129°57'	89°15'	4325	4333	9.3	230							
	:45	129°16'	89°17'	4321	4328	8.9	8.1							
06.09	00:00	129°45'	89°18'	4313	4318	5.0	18.6							
	:21	128°48'	89°20'	4312	4323	5.9	332							
	:30	127°27'	89°21'	4316	4542	7.3	353							
	:45	128°40'	89°22'	4314	4323	7.5	50							
01:00	129°37'	89°24'		4314	4315	4.6	358							
	:15	129°02'	89°25'	4311	4317	5.5	317							
	:30	127°01'	89°25'	4319	4323	6.1	309							
	:50	125°23'	89°27'	4315	5563	7.1	319							
02:00	125°06'	89°27'		4316	4324	6.0	3.2							
	:18	125°30'	89°29'	4313	4320	5.6	16							
	:33	125°15'	89°30'	4312	4576	7.0	354							
	:45	126°00'	89°31'	4307	4317	8.6	25.5							
03:00	128°31'	89°32'		4308	4315	8.3	82							
	:29	130°30'	89°32'	4306	4313	0.4	29							
04:00	130°44'	89°34'		4302	4311	2.4	148							
	:15	131°36'	89°34'	4308	4310	5.5	28							
	:30	130°59'	89°35.8	4300	-	4.9	290							
	:45	128°11'	89°36.4	4294	4304	2.1	306							
05:00	126°12'	89°37.4		4292	4302	6.1	296.1							
	:15	127°11'	89°38.3	4297	4306	5.4	1.6							
	:30	123°30'	89°38.5	4294	4309	2.3	60.3							
	:45	124°24'	89°39.3	4295	4305	0.3	49.2							
06:00	124°49'	89°40.2		4296	4302	1.7	40.9							
	:15	125°47'	89°40.5	4295	4302	5.6	63.2							
	:30	126°03'	89°41.2	4295	4303	5.8	13.6							
	:45	126°16'	89°42.5	4297	4308	5.8	333.7							
07:00	124°25'	89°43'		4303	4306	7.3	309							
	:15	122°30'	89°44'	4303	4307	8.8	5.6							
	:30	124°21'	89°46'	4297	4303	6.9	6.8							
	:45	123°11'	89°47'	4294	4302	5.4	13.0							
8:00	123°09'	89°48'		4294	4302	6.8	42.7							
	:15	124°05'	89°50'	4292	4296	6.9	332.2							
	:30	123°18'	89°51'	4189	4300	9.0	51.0							
	:45	133°08'	89°52'	4282	4291	4.3	238							
9:00	136°49'	89°53'		4298	4461	8.7	48.1							
	:15	137°45'	89°54'	4276	4282	4.7	85.0							
	:35	127°19'	89°56'	4277	4285	7.6	334.0							
	:45	119°36'	89°57'	4280	4286	5.7	312							
10:00	104°10'	89°58'		4284	4276	1.7	171							
	:18	110°30'	89°58'	4284	4276	3.4	121							
	:30	131°36'	89°58'	5106	4276	7.5	9.1							
	:45	135°16'	89°59'	4287	4280	11.1	250							
11:00	3°46'52"	89°59.7		4288	4286	1.4	300							

Sergei

TOTAL RESTART (PE depth doesn't change) /167

02:43 Paradoxical Restart /168

ONLY 29 miles left to North Pole

Thomas Schmitt

Restart PE at 05:48 /169

Wolf Stamp

Restart 7:47 /170
8:04 " /171

Michaela

Restart 10:08 (172)

Nico

Restart 10:52 (173)

DATE	TIME (UTS)	LONG (W/E)	LAT (N)	DEPTH		SPEED KN	COURSE deg	FREQ KHZ	PULS	WAIT TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HSM									
	11:07	-	90°00	4287	4292	-	284	40		60	12		Nico	Profile End / Pole Position
	18:00	89°59'	125°39'	4274	4284	1.8	168	"	"	0			GALSKROAD	start making after ice-party
	18:15	89°59'	129°10'	4274	4284	1.2	169	"	"	60				
	18:30	93°59'	165°33'	4274	4280	2.2	117.2			60				
	19:52	43°57W	89°59.0'	4280	4281	2.3	241			0			Vladimir	"Paradigma" restart (174)
	20:30	157°19 W	89°58.7	4276	4418	2.5	359							
	20:45	176°47W	89°59.1 N	4279	4283	5.1	29							
	21:15	23°15 E	89°57.3 N	4285	4294	3.5	332							
	21:30	24°34 E	89°57.0 N	4283	4289	6.7	338							
	21:45	16°59 E	89°56.4	4278	4286	8.7	203							
	22:00	16°00 E	89°56.0	4278	4285	1.3	178							
	22:15	5°02 W	89°55.6	4284	4625	7.1	150							
	22:30	8°32 E	89°55.1	4282	4357	5.0	97							
	22:45	13°07 E	89°53.8	4288	4377	9.0	134							
	23:00	23°37 E	89°54.1	4290	-	3.8	39							
	23:15	36°03'	85°54'	4293	5052	4.3	121							
	23:30	43°41'	89°54'	4295	5413	4.3	111							
	23:45	52°45'	85°54'	4297	0	4.1	160							
07.05.01	00:00	55°53'	85°53'	4295	5166	4.5	122							
	00:15	66°06'	85°53'	4295	0	8	66							
	00:30	73°01'	85°54'	4292	4256	2.5	179							
	00:45	71°08'	85°54'	4293	0	4	130							
	01:15	81°16'	89°54'	4290	4653	0	0			60				
	01:45	85°25'	89°54'	4291	4651	0.1	95			0				
	02:42	92°40'	89°54'	4290	4662	7.2	101							
	03:00	108°20'	89°59'	4287	4571	5.0	95						Phillip	
	03:15	123°21'E	89°55' N	4286	4615	6.1	113°							
	03:37	124°38'E	89°52' N	4287	4628	6.0	212°							
	04:11	110°21'E	89°50' N	4295	4489	6.4	271°							
	04:31	108°28'E	89°49' N	4299	4666	5.4	187°							
	04:47	107°41'E	89°48' N	4300	4665	5.0	200							
	05:03	107°35'E	89°48' N	4300	4681	3.9	228						Carmen	→ Trouble with the printer !! it prints a lot of shit!
	05:17	103°30'E	89°48' N	4303	4664	3.3	241							
	05:31	99°08'E	89°47' N	4306	4670	5.9	202							
	05:45	97°15'E	89°47' N	4308	5515	2.8	303							
	06:03	91°30'E	89°46' N	4314	4663	4.8	171							
	06:15	90°17'E	89°45' N	4314	4728	6.2	195							Paradigma restart (175)
	06:30	90°34'E	89°44' N	4315	4625	4.3	160							Paradigma restart (176)
	06:46	92°28'E	89°44' N	4318	4630	2.2	186							
	7:00	92°27'E	89°43'	4321	4603	4.2	203						Burkhard	7:09 restart (177)
	7:15	93°51 E	89°42'	4322	4680	3.2	158							7:31 restart (178)
	7:30	93°00 E	89°42'	4326	5510	4.6	188							
	7:45	92°58 E	89°40'	4326	4720	5.9	160							
	8:00	91°35 E	89°39'	4328	4733	3.2	157							
	8:15	92°01 E	89°38'	4331	4426	6.9	204							
	8:32	90°16 E	89°37'	4334	4959	4.9	197							
	8:47	90°03 E	89°37'	4336	4419	1.9	241							
	9:00	89°38 E	89°36'	4337	4700	2.4	156							
	9:15	89°32 E	89°35'	4338	5144	5.6	179							
	9:30	89°03 E	89°33'	4339	4431	7.0	196							9:42 restart (179)
	9:45	87°48 E	89°32'	4340	4434	8.1	116							

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED	COURSE	FREQ	PULS	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER, NAME	COMMENTS
				PSM	HSN									
07.09.01	10:00	89°24 E	89°32	4333	4600	0.7	143	"	"	0	12		Burkhard Anna	
	10:15	89°41,20	89°32,37	4342	4340	3.2	125	"	"	0				
	10:31	90°38,98	89°31,10'	4329	4347	1.9	103	4	4	0				
	10:45	90°51,00'	89°30,23'	4342	5127	2.3	169	"	"	"				
	11:00	91°19,4	89°29,6	4343	4351	7.6	172	"	"	"			Nico	
	11:15	91°56,6	89°28,6	4345	4358	5.6	128	"	"	"				
	11:30	92°09,7	89°28,1	4344	4351	2.2	316	"	"	"				
	11:45	92°03,9	89°27,8	4344	4359	0.7	260	"	"	"				
	12:00	91°34,9	89°27,2	4346	4355	0.1	198	"	"	"				restart Para Dig MA (172)
	12:17	91°26,1	89°26,7	4346	4364	0.3	66	"	"	"				
	12:30	91°53,7	89°26,8	4346	4353	1.8	263	"	"	"				
	12:45	92°45,0	89°26,3	4346	4353	7.0	213	"	"	"				
	13:00	93°12,5	89°25,6	4346	4352	2.6	208	"	"	"				restart 13:05 (181)
	:16	93°49	89°24	4347	4354	6.7	141	"	"	"			Michaela	
	:31	94°20	89°24	4347	4353	3.1	311	"	"	"				
	:45	95°14	89°23	4353	4347	7.6	175	"	"	"				
	14:00	94°57	89°22	4349	4363	1.1	89	"	"	"				
	:15	93°57	89°22	4351	4388	2.4	178	"	"	"				
	:30	93°14	89°21	4354	4360	4.8	216	"	"	"				
	:45	92°38	89°20	4354	4358	3.7	113	"	"	"				
	15:00	93°26	89°20	4357	4362	1.0	203	"	"	"			Andrew	restart 15:05 (182)
	:15	92°18	89°19	4361	4366	6.2	212.7	"	"	"				
	:30	92°25	89°18	4368	4366	6.0	142.1	"	"	"				Restart, Discs Changed (183)
	:45	92°57	89°17	4365	4371	7.0	165.6	"	"	"				15:45
	16:00	93°24	89°16	4365	4369	6.2	138.1	"	"	"				
	:15	93°39	89°16	4364	4372	2.0	96.7	"	"	"				Restart 16:15 (184)
	:30	94°42	89°16	4364	4362	.3	148.3	"	"	"				Restart 16:23 (185)
	:45	94°57	89°16	4362	4368	3.0	218.9	"	"	"				
	17:00	94°11	89°15,4' N	4363	4368	2.4	340.0	"	"	"			Rouven Schmidt	
	:15	94°48	89°14,9' N	4398	4310	1.4	1.4	"	"	"				
	:30	95°09	89°14,0' N	4366	4702	5.0	141.0	"	"	"				Restarting PC 17:32 (186)
	:45	95°40	89°13,4' N	4365	4573	4.5	157.7	"	"	"				
	18:00	95°29,5'	89°13,0' N	4366	4375	4.1	188.0	"	"	"				
	:15	94°26	89°12,6' N	4367	4375	5.1	172.1	"	"	"				
	:30	93°46	89°10,8' N	4367	4370	5.6	242.6	"	"	"				
	:45	93°30,9'	89°10,5' N	4368	5030	3.0	357.0	"	"	"				
	19:00	93°49' E	89°09,8' N	4371	4385	5.8	180	"	"	"				
	:15	93°57	89°09,3	4373	4387	0.2	337	"	"	"				
	:30	94°01	89°09,1	4374	4387	2.4	346	"	"	"				
	:45	94°23	89°08,4	4374	4381	5.9	135	"	"	"				
	20:00	94°59	89°07,7	4372	4378	3.4	188	"	"	"				
	:16	94°49	89°06,4	4377	4386	6.0	238	"	"	"				
	:36	93°04	89°05,7	4382	4390	5.6	185	"	"	"				
	:45	92°48,2	89°05,2	4383	4386	6.0	228	"	"	"				
	21:00	92°29	89°03,7	4384	4397	7.1	182	"	"	"				
	:15	92°37	89°02,6	4386	4392	2.4	199	"	"	"				
	:30	91°43	88°02,2	4389	4397	6.2	262	"	"	"				
	:45	90°56	89°01,2	4389	4394	5.2	140	"	"	"				
	22:04	91°21	88°59,7	4389	4461	2.5	128	"	"	"				
	:15	91°22	88°59,2	4394	4395	5.3	176	"	"	"				
	:30	91°05	88°58,1	4391	4406	5.5	185	"	"	"				
	:45	91°12	88°57,4	4393	4399	3.1	173	"	"	"				
	23:00	91°17	88°57	4393	4395	5.7	167	"	"	"				

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED	COURSE	TRQ	PULS	WAIT. TIME	DESSO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS	
				PSM	HBM										
08.09.01	23:15	91° 02'	88° 50'	4394	4403	5.0	193	4	4	0	12		Sergei		
	:30	90° 57'	88° 55'	4395	4407	9.9	207								
	:45	90° 32'	88° 53'	4397	4401	7.4	167								
	00:00	90° 47'	88° 52'	4397	4403	4.3	184								PARADIGMA RESTART (132)
	:15	90° 48'	88° 51'	4397	4402	3.3	166								
	:30	90° 51'	88° 51'	4397	4405	1.0	327								
	:45	91° 16'	88° 50'	4396	4405	5.5	130								
	01:00	92° 00'	88° 50'	4396	4671	6.1	150								
	:18	92° 26'	88° 48'	4396	4404	3.7	172								
	:30	92° 02'	88° 48'	4396	4405	5.1	182								
	:45	93° 08'	88° 48'	4396	4404	4.8	198								
	02:00	93° 09'	88° 47'	4397	4405	2.8	88								
	:15	93° 30'	88° 47'	4395	4404	8.2	103								
	:30	93° 40'	88° 47'	4397	4409	4.6	209								
	:45	93° 35'	88° 45'	4394	4537	1.9	161								
	03:00	93° 38'	88° 44'	4397	4404	7.1	180								
	3:15	93° 19'	88° 42'	4400	4694	4.5	208								
	3:30	93° 05'	88° 41'	4401	4696	5.2	198								
	3:45	92° 22'	88° 40'	4404	4413	3.9	203								
	4:00	92° 05'	88° 038'	4402	4414	6.6	193								
	4:15	92° 00'	88° 38'	4402	4413	6.1	185								
	4:30	91° 58'	88° 38'	4403	4414	6.5	179								
	4:45	91° 33'	88° 37'	4403	4416	6.9	247								
	5:00	91° 25'	88° 36'	4403	4410	4.3	191								
	5:16	91° 29'	88° 35'	4404	4419	3.3	341								
	5:30	91° 39'	88° 34'	4404	4415	5.9	168								
	5:45	91° 54'	88° 32'	4404	4419	4.4	145								
	6:00	91° 49'	88° 31'	4404	4411	6.3	259								
	6:16	91° 20'	88° 31'	4406	4408	2.8	21								
	6:30	91° 20'	88° 31'	4406	4418	5.7	187								
6:45	91° 52'E	88° 30'	4406	4412	1.2	295									
7:00	92° 19'E	88° 30'	4405	4416	3.8	158									
7:15	91° 55'E	88° 28'	4408	4421	6.0	208									
7:30	91° 40'E	88° 27'	4409	4417	6.2	155									
7:45	91° 43'E	88° 26'	4411	4419	4.6	102									
8:00	91° 35'E	88° 25'	4408	4691	3.0	149									
8:15	91° 57'E	88° 25'	4411	4426	2.1	329									
8:30	92° 01'E	88° 25'	4411	4420	7.9	166								8:30 restart (150)	
8:45	92° 18'E	88° 24'	4412	4417	3.6	311									
9:00	92° 21'E	88° 24'	4412	4426	0.7	320									
9:16	92° 49'E	88° 24'	4410	4419	9.7	92									
9:30	93° 32'E	88° 23'	4410	4416	0.1	239									
12:20	93° 31'	88° 22'	4412	4425	7.7	154				60					
12:45	93° 24'	88° 21'	4412	4417	6.3	280				0					
13:00	92° 43'	88° 21'	4412	4420	7.5	238									
13:15	91° 58'	88° 20'	4413	5535	7.9	239									
13:30	91° 27'	88° 19'	4415	4695	0.5	221									
13:46	90° 54'	88° 18'	4418	4430	2.4	192									
14:00	90° 53'	88° 18'	4411	4474	6.3	234									
14:15	90° 38'	88° 18'	4418	4431	8.1	256									
14:30	90° 18'	88° 17'	4418	4428	4.2	229									
14:45	90° 02'	88° 17'	4418	4429	5.7	261									
15:00	89° 27'	88° 02'	4418	4429	3.9	251									

GALAKTIONOV
3:15 pss. restart (138)

Anette
6:00 changing paper roll
12 → 13

Burkhard
8:30 restart (150)

Casmen
station (fleet phase)
Sergei
End of HF station

DATE	TIME (UTS)	LONG (W/E)	LAT (N)	DEPTH		SPEED	COURSE	TRG	PULS	WAIT TIME	DESK ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HBM									
08.09.2004	15:15	89°00'	88°15'	4418	4430	0.9	264.8	4	4	0	13		GABO	
	:30	88°34'	88°16'	4418	4432	5.4	260.8							
	:45	88°06'	88°15'	4418	4426	6.7	201.3							
	16:00	87°54'	88°14'	4419	4432	1.3	338.4							
	:15	87°59'	88°14'	4419	4427	5.5	126.5							
	:30	88°01'	88°12'	0.0	4431	6.9	213.2							
	:45	87°29'	88°12'	4419	4428	5.3	205.3							
	17:00	87°19'	88°11'	4420	4436	5.7	170.1							
	:15	87°02'	88°10'	4420	4439	5.2	257							
	:30	86°28'	88°09'	4421	4433	5.2	258							
	:45	86°12'	88°08'	4421	4430	4.7	229							
	18:00	86°08'	88°07'	4421	4431	8.1	196							
	:15	86°27'	88°06'	4422	4434	5.6	166							
	:30	86°31'	88°05'	4423	4432	4.6	160							
	:45	86°23'	88°04'	4422	4429	5.4	218							
	19:00	86°14'	88°03.1'	4421	4429	6.8	183							
	:15	86°17'	88°02.9'	4423	4429	2.9	144							
	:30	86°19'	88°02.8'	4423	4432	4.9	183							
	:45	86°19'	88°01.7'	4422	4429	8.0	191							
	20:00	86°20'	88°00.5'	4423	4438	5.9	180							
:15	86°15'	87°59.4'	4424	4434	6.3	192								
:30	85°56'	87°58.2'	4427	4441	4.5	143								
:45	85°52'	87°57.1'	4426	4438	6.0	231								
21:00	85°36'	87°56.0'	4426	4436	2.1	151								
:15	85°26'	87°55.0'	4426	4536(?)	4.0	186								
:30	85°25'	87°54.3'	4426	4438	2.5	162								
:45	85°26'	87°53.2'	4434	4439	5.8	199								
22:00	84°57'	87°52.6'	4425	4437	5.4	247								
:15	84°39'	87°51.9'	4426	4444	3.3	5								
:30	84°41'	87°51.0'	4427	4442	3.9	136								
:45	84°32'	87°50.3'	4427	4437	5.4	275								
23:00	84°03'	87°50'	4427	4440	5.9	265								
:15	83°40'	87°49'	4427	4439	2.8	255								
:30	83°22'	87°49'	4443	4427	5.6	205								
:45	83°07'	87°48'	4429	4441	1.3	240								
09.09.04	00:00	83°02'	87°48'	4427	4440	2.1	156							
:15	82°57'	87°47'	4427	4440	4.2	8.5								
:30	82°46'	87°46'	4427	4443	5.0	179								
:45	82°55'	87°46'	4428	4441	4.4	229								
01:00	82°43'	87°45'	4428	4442	9.1	226								
:15	82°38'	87°45'	4428	4436	2.1	220								
:30	82°38'	87°44'	4412	4648	3.0	179								
:45	82°31'	87°44'	4431	4446	6.7	240								
02:00	82°12'	87°43'	4429	4444	4.1	211								
:15	82°08'	87°42'	4429	4440	5.9	197								
:30	82°15'	87°41'	4429	4445	5.5	174								
:45	82°16'	87°40'	4429	4436	6.8	182								
03:00	82°17'	87°39'	4425	4449	4.6	225								
:15	82°09'	87°37'	4429	4443	2.8	249								
:30	81°56'	87°38'	4429	4441	0.5	228								
06:14	81°53'	87°37'	4429	4441	1.1	250								
06:34	81°42'	87°36'	4430	4577	0.5	250								
06:53	81°44'	87°35'	4428	4440	2.1	299								

Sergei

Paradigma dash (19)

Vladimir

Sergei

Anette

Phillip

03:30 Station leaving Station at 6:13

60

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSES	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSN	HSN									
09/09/01	7:15	81°41'	87°35'	4428	4442	7.0	205	4	4	0	13		Andrew	
	:30	81°26'	87°33'	4428	4435	5.3	195.5							
	:45	81°07'	87°33'	4426	4440	2.9	148							
	8:00	81°06'	87°32'	4426	4402	6.5	224.1							
	:15	81°08'	87°30'	4408	4417	5.8	141.1							
	:30	81°09'	87°29'	4394	4412	6.5	171.3							
	:45	81°00'	87°28'	4427	4442	7.2	182.3							
	9:00	80°36'	87°27'	4430	4442	3.9	224.3							
	9:20	80°29'	87°26'	4437	4446	5.2	140.4						W. H. D.	
	9:37	80°12'	87°15'	4437	4440	4.7	223.9							
	9:48	80°07'	87°24'	4437	4444	5.7	215.2							
	10:00	80°07'	87°23'	4437	4442	5.7	177.3							10:07 till 10:08 Software Error 192
	10:15	80°08'	87°23'	4437	4447	6.7	168.7							10:24 10:26 Modula
	10:30	80°11'	87°22'	4432	4446	0.9	167.7							10:39 10:42
	10:46	80°00'	87°21'	4432	4451	2.9	163.2							
	11:00	79°42'	87°20.9'	4433	4451	4.1	246						Spielhagen	
	:16	79°40.5'	87°20.6'	4433	4448	5.5	168							
	:30	79°34.7'	87°19.8'	4440	4450	2.9	143							
	:45	79°36.8'	87°19.3'	4434	4449	5.5	198							
	12:00	79°28.2'	87°18.1'	4434	4450	3.9	258							12:07 Restart 193
	:15	79°28.8'	87°17.3'	4431	4448	2.5	176							
	:31	79°14.3'	87°16.2'	4433	4443	5.4	237							
	:46	79°08.8'	87°15.0'	4433	4445	3.8	202							
	13:00	78°58.6'	87°13.9'	4431	4447	6.5	215						Andrew	
	:15	78°51'	87°12.8'	4432	4443	2.3	203.7							13:35 Restart 194
	:30	78°47.55'	87°11.78'	4430	4442	4.1	215							13:51 Restart 195
	:45	78°41'	87°11'	4432	4438	6.2	150.4							
	14:00	78°40'	87°10'	4432	4448	3.8	4.5							
	:15	78°34'	87°10'	4432	4445	7.0	282							
	:30	78°30'	87°09'	4435	4443	3.1	164							
	:45	78°35'	87°09'	4431	4444	1.7	199						GAO	
	15:00	78°19'	87°09'	4426	4433	4.7	274.2							
	:15	78°15'	87°08'	4221	4285	1.5	107.6							
	:30	78°23'	87°07'	0	4344	0.7	19.8							
	:45	78°15'	87°07'	4430	4061	6.7	250.6							
	16:00	77°45'	87°06'	0	4145	5.3	220.1							
	:15	77°34'	87°05'	4935	4303	1.3	9.7							
	:30	77°33'	87°05'	0	4356	0.2	192.0							
	:45	77°33'	87°05'	0	4358	2.1	191							
	17:00	77°30'	87°05'	4353	4371	3.5	20.7						W. H. D.	
	17:15	77°30'	87°05'	0	4366	1.7	194							
	17:30	77°30' 22N	87°05' 52E	4356	4364	2.5	20							
	18:00	77°30' 46E	87°05' 17E	4367	7041?	0	197							
	06:40	77°32'E	87°04'N	4363	5049	4.4	254						Phillip	Had in the id start system Parosound and Sdcious- at trib yadlet / NL
	06:56	77°02'E	87°03'N	4302	4234	7.5	254						Burkhard	restat system
	07:15	76°39'E	87°03'	4302	4448	5.1	209							
	:30	76°35'E	87°02'	4302	4442	5.0	207							7:40 restat 197
	:47	76°38'E	87°02'	4302	4450	7.0	4							
	8:00	76°37'	87°03'	4302	4444	9.4	86							
	8:50	76°42'	87°03'N	4115	4139	0.4	197.5			60				8:04 on station leaving station
	10:00	76°42'	87°03'	4126	4133	3.2	197.2			0				10:10 sys para-sound was installed no ES depth was shown
	15	76°36'	87°02'	4137	4139	6.9	296.9							
	10:30	76°48'	87°01'	4142	4269	1.9	17.1							

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KM	COURSE deg.	FREQ. KHZ	PULSES	WAIT. TIME	DESSO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				P/M	H/M									
10.9	10:45	76°22 E	87°00 N	4342	4425	4.8	150	4	4	0	13			
	11:45	76°02 E	86°58 N	3875	2832	3.4	1326						Vop	
	12:20	76°10 E	86°57 N	3826	3853	4.7	1816						SWERE	
	12:40	76°05 E	86°56 N	3480	3800	2.7	210.8						Michaela	
	13:00	75°53	86°55	3937	3946	5.7	2107							
	13:15	75°38	86°55	3416	3412	0.3	346							
	13:30	75°29	86°55	3400	3409	4.8	258							
	13:46	75°21	86°54	3105	3370	6.1	192							
	14:00	75°21	86°54	3156	3205	7.0	216							
	14:16	75°11	86°53	2970	3042	5.7	268							
	14:30	74°49	86°52	3082	3096	6.4	229							
	14:45	74°48	86°52	3092	3567	1.2	36							
	15:00	74°34'	86°52'	2964	3030	7.3	179.5						Thomas Schmidt	
	15:15	74°31.3'	86°51.3'	3497	3588	5.4	213.7							
	15:30	74°34.7'	86°50.4'	4000	4011	2.4	144.0							
	15:45	74°22.5'	86°49.5'	4001	4010	0.6	248.1							
	16:00	74°25'0"	86°49.4'	4001	4009	6.0	203.3							
	16:15	74°23'0"	86°49.2'	4001	4009	2.7	40.0							
	16:30	74°24.3'	86°49.2'	4001	0	2.1	208.4							
	16:45	74°14.8'	86°48.3'	3793	0	3.7	185.5							
	17:02	74°15.45'	86°47.80' N	3714	3788	3.9	178							
	17:35	74°22.7	86°47.25 N	3812	3745	1.1	46.8							
	17:45	74°22.752	86°46.55	0	3507	6.8	113.1							
	18:00	74°34.45	86°46.32	0	3515	0.5	305							
	18:30	74°26.63	86°45.15	0	3236	3.2	50							
	19:00	74°24.0	86°45.7	0	3187	0.7	228							
	19:15	74°24.6	86°45.8	0	3184	7.0	220							
	19:30	74°26.2	86°45.8	3809	3223	7.2	210							
	19:45	74°24	86°45.7	3809	3194	3.2	228							
	20:00	74°24	86°45.7	3809	3164	1.0	53							
	20:15	74°24	86°45.7	3809	-	2.1	61							
	20:30	74°18	86°45.5	3809	2922	0.2	165							
	21:05	74°33.0	86°43.8	2820	3017	0.3	52							
	21:15	74°29'	86°43.4	3201	3347	0.3	170							
	21:30	74°27'	86°42.9	3210	3279	4.3	261							
	21:45	74°31'	86°43	3317	3332	0	212							
	23:35	74°31'	86°43.0	3281	3318	6.9	187							
	23:47	74°35'	86°43'	3308	3316	2.0	326							
11.09.01	00:00	74°20'	86°42'	3269	3348	8.4	245							
	00:15	74°12'	86°42'	3486	3488	0.2	244							
	02:05	74°15	86°41.8	3486	3595									
	02:15	74°20'	86°41'	3486	3492	2.5	123							
	02:30	74°22'	86°40'	3395	3408	5.4	154							
	02:45	74°37'	86°40'	3402	3474	2.6	160							
03:00	03:00	74°37'	86°40'	3409	3428	6.6	176							
	03:15	74°44'	86°39'	3484	3370	6.5	145							
	03:30	74°45'	86°38'	3390	3441	2.1	14							
	03:45	74°38'	86°38'	3318	3334	4.8	280							
	4:00	74°31'	86°38'	3330	3336	6.3	210							
	4:15	74°15'	86°38'	3342	3320	3.4	231							
	4:30	74°05'	86°37'	3297	3315	0.2	356							
	4:45	74°05'	86°37'	3290	3312	3.3	161							

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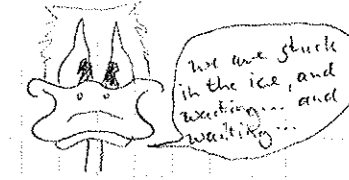
Galaxat 18:23 (196)

Vladimir Paradigme restant 200

21:35 "Paradigme" restant Station (201)

Sergei Station again: next endeavor!

GALAXIADON

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULS	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS	
				P5M	H5M										
11.9.	5:00	74°07'E	86°37'N	3245	4413	0.1	33.8				13		Burkhard	 <p>stuck in the ice 5:51 wait time</p> <p>Moving again</p> <p>stuck again next try...</p> <p>Holger</p> <p>10:30 crashed <u>202</u></p> <p>10:45 crashed again 10:50 station <u>203</u></p> <p>15:06 leaving station</p> <p>DESO ROLL CHANGE</p> <p>15:35 reboot <u>204</u></p> <p>18:55 reboot <u>205</u></p> <p>restart (16:18) <u>205</u></p> <p>restart (16:50) <u>207</u></p> <p>Station 18:04.10</p> <p>End of station</p> <p>Ship operates in a very heavy ice, stuck in ice very poor data</p> <p>3:07 wait time 60</p> <p>3:40 " " 0</p>	
	5:15	74°07'E	86°37'	3227	3262	0.1	104.9								
	5:30	74°07'E	86°37'	3291	3259	0	170								
	5:45	74°08'E	86°37'	3260	3225	0	170			60					
	7:53	74°13'E	86°37'N	3307	3486	3	340	4	4	0	30				Nechita
	8:00	74°16'E	86°38'N	3315	3471	2.7	49								
	8:15	74°15'E	86°38'N	3481	3542	1	203								
	8:18	74°18'E	86°37'N	3480	3485	0				60					
	8:24	74°19'E	86°37'N	3459	3473	7	185			0					
	8:45	74°10'E	86°36'N	3480	3485	2.3	327								
	9:00	74°10'E	86°34'N	3557	3572	6.2	150.7								
	9:15	74°12'E	86°34'N	3574	3593	6.2	167.5								
	9:30	74°12'E	86°34'N	3432	3453	6.5	261.6								
	9:45	74°15'E	86°34'N	3451	3526	7.8	234.6								
	10:00	74°11'E	86°33'N	3427	3356	3.6	110.4								
	10:15	74°11'E	86°33'N	3238	3280	1.3	27.6								
	10:30	74°14'E	86°33'N	3246	5982	9.4	177.4								
	10:45	74°10'E	86°33'N	3223	3249	1.5	56.4			60	13 → 14				
	13:06	74°19'E	86°33'N	3451	3376	3.2	85.6			0					Schmitz
	13:15	74°16'E	86°33'N	3200	3483	3.4	24.0								
	13:30	74°16'E	86°33'N	3246	3230	4.0	28.1								
	13:45	74°09'E	86°32'N	3298	3257	2.1	202								
	14:00	73°57'E	86°32'N	3284	3458	5.4	277								
	14:15	73°40'E	86°32'N	3270	3828	4.0	233								
14:30	73°39'E	86°32'N	3825	3848	2.4	63									
14:45	73°36'E	86°32'N	3823	3929	5.7	272									
15:00	73°37'E	86°31'N	3887	4052	7.0	112									
15:15	73°41.52E	86°30.58N	3961	3997	3.6	3.8									
15:30	73°39.91E	86°30.32N	3974	3989	0.4	97.9									
15:45	73°41.29E	86°30.36N	3969	3983	0.6	40.0									
16:00	73°42.48E	86°30.32N	3956.9	4244	1.2	10.4									
16:15	73°43.84E	86°30.34N	3934.8	4035	2.5	8.3									
16:30	73°45.34E	86°30.43N	3907	3932	2.2	20.9									
16:45	73°46.80E	86°30.41N	3876	4084	1.3	143.3									
17:00	73°48.6E	86°30.42N	3893.5	3885	1.4	16.7									
17:15	73°49.83E	86°30.28N	3877	3882	0.8	25.8									
17:30	73°50.42E	86°30.155N	3880.7	3920	7.2	785.9									
17:45	73°56.34E	86°29.27N	3812	3825	5.7	186.3									
18:00	73°51.84E	86°29.55N	3805	3750	0.7	152									
12.09.01	00:24	74°28'E	86°28'	3458	3660	2.1	59			0			Serge	End of station	
	00:30	74°30'E	86°28'	3470	3660	2.2	141								
	00:45	74°22'	86°28'	3826	3813	7.2	276								
	01:00	74°19'	86°27'	3806	3815	3.1	292								
	01:15	74°25'	86°27'	3804	3815	5.5	90			60					
	01:54	74°23'	86°27'	3797	3972	4.5	203			0					
	02:01	74°18'	86°26'	3619	1092	0.6	47								
	02:20	74°17'	86°26'	3492	3532	3.2	199								
	02:36	74°18'	86°26'	3376	3482	4.2	163								
	03:00	74°20'	86°26'	3361	3564	2.9	349								
	03:15	74°20'	86°25'	3347	3406	2.3	354			60					
	03:50	74°21'	86°25'	3266	3310	2.7	6.3								
04:15	74°14'	86°24'	3567	3946	5.9	247			0						
04:00	74°10'	86°24'	3569	3584	7.3	724									

DATE	TIME (UTC)	LONG (W/E)	LAT (N)	DEPTH		SPEED KN	COURSE deg	FREQ KHZ	PULSES	WAIT TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HM									
12.09.01	04:15	74°19'	86°23'	3631	3643	1.1	336			0	79		Bijger	
	:30	74°24'	86°23'	3619	3632	2.4	707							
	:45	74°21'	86°22'	3664	4731	0.4	88.6							
	05:00	73°59'	86°22'	3747	3865	4.9	323							
	05:15	73°46'	86°22'	4937	4744	6.3	247			60			Wickfeld	04:56 Restart (208) Ramming => waiting 60s
	:30	73°49'	86°22'	4107	4127	5.7	239							
	:45	73°47'	86°22'	4116	4142	0.4	87							
	06:00	73°57'	86°22'	4041	4086	2.0	243							
	:15	73°49'	86°22'	4095	4113	2.7	88			60				
	:30	73°47'	86°21'	4125	4133	4.5	145			0				6:23 Waiting set to 0 6:40 Restart (209)
	:45	73°40'	86°20'	4177	4136	5.5	263							
	06:59	73°30 E	86°01 N	4121	4135	0	-			60			Nechisa	on Station
	11:35	73°35 E	86°21 N	-	4393	6.7	313			0			Gerhard	End of station
	11:45	73°33 E	86°21	4042	4465	0.8	149							
	12:00	73°32	86°22	-	4124	2.4	263							
	12:15	73°37	86°22	4111	4127	0.6	81							
	12:30	73°36	86°22	-	4207	1.1	142			60				stuck in the ice
	12:45	73°34	86°21	4098	4120	6.0	2226			0				
	13:00	73°21	86°21	4098	4120	2.7	118						Michaela	
	:19	73°07	86°22	-	8435	0.3	347							
	:32	73°21	86°22	-	4096	5.6	62							restart 13:29 (210)
	:47	73°34	86°23	4060	4106	9.2	12							
	14:00	73°34	86°23	-	3854	2.0	344							
	:14	73°33	86°23	3628	3701	0.8	23							
	:30	73°23	86°24	3784	3805	3.1	286							
	:45	73°17	86°24	3850	3991	0.6	62							
	15:00	73°129'	86°25.2'	3925	4209	1.6	104						Th. Schmitt	
	:15	73°11'	86°25.3'	3860	3902	0.5	0							
	:30	73°12.3'	86°25.4'	3831	3864	2.6	99.9							extended PC 15:29 (211)
	:45	73°12.3'	86°25.6'	3829	3850	2.6	105.9							
	16:00	73°12.7'	86°25.7'	3840	3857	2.5	160.0							
	:15	73°13.2'	86°25.8'	3849	3864	2.3	116.4			60				ice breaking => W
	:30	73°15.0'	86°25.9'	3862	3875	3.2	132.0			0				broken through ...
	:45	73°07'	86°26.3'	3849	4072	5.9	309.5							
	17:00	72°52'	86°26'	3869	3841	3.1	185							
	:15	72°48'	86°27'	3909	3929	3.7	232							
	:30	72°41'	86°27'	3950	3950	8.8	289							17:33 restart (212)
	:45	72°21'	86°27'	3874	3841	7.3	250							
	18:00	72°07'	86°27'	3601	3721	6.3	220							
	18:20	71°59'	86°28'	3777	3810	2.1	24.2			60				
	18:30	72°00'	86°28'	3782	3919	3.1	156.8							
	18:45	72°00'	86°26'	3904	3930	4.6	338							
	18:53	71°53'	86°28'	3758	3788	5.7	353			0				
	19:00	71°55'	86°29'	3801	3899	4.1	254							
	:15	71°40'	86°29.5	3461	3545	6.7	248							
	:30	71°29'	86°30.0	3548	3623	6.8	317							
	:45	71°05'	86°30.0	3683	3780	7.0	250							
	20:00	70°48'	86°29.4	3460	3597	5.7	249							
	:15	70°46'	86°29.2	3464	-	2.4	293							
	:32	70°22'	86°28.8	3414	3481	6.5	268							
	:45	70°15'	86°27.9	3383	3399	4.0	227							
	21:00	70°11'	86°28.5	3220	-	7.5	316							
	:15	69°57'	86°29.3	3277	3569	5.9	264							20:43 "Paradigma" restart (213)

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KN	COURSE deg.	FREQ. KHZ	PULSES	WAIT. TIME	DESSO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HPM									
12.09.	21:30	69°42' E	86°29.5'	3379	3532	2.5	354	4	4					
	:45	69°42'	86°29.9'	3153	3193	0.2	143			60				Station
13.09	02:37	70°01' E	86°28.1'	3413	3449	1.6	7			0			Serges	End of the station
	:46	70°02'	86°28'	3428	3839	5.2	312							
	03:00	69°57'	86°28'	3670	3249	7.1	252							
	:15	69°44'	86°28'	3256	3861	5.4	340							
	:31	69°29'	86°28'	3888	3917	6.8	329							
	:45	69°15'	86°28'	4005	4300	5.7	292							
	04:00	69°02'	86°29'	3919	3966	1.7	164							
	:17	68°58'	86°29'	3836	3899	1.8	101			60				04:23 Waittime 60 - Heavy ice
	04:30	68°56'	86°29'	3847	3828	5.8	249			0				
	:45	69°02'	86°30'	3824	3875	7.2	1							
	05:00	69°53'	86°31'	2865	3062	5.8	310							
	:15	69°04'	86°31'	0	2875	0.2	305							
	:32	69°14'	86°33'	2817	2936	4.1	189							
	:50	69°17'	86°33'	0	3126	0.6	205							
	06:05	69°25'	86°38'	3191	3251	0.6	2825			60				station
	:15	69°25'	86°35'	3191	3255	0.3	256							
	9:15	69°10' E	86°31'	3055	3091	5.9	225			0				End of station 9:10
	:35	68°43'	86°31'	3244	3320	2.3	94							
	:46	68°40'	86°31'	3279	3356	3.7	283							
	10:00	68°32'	86°31'	3214	3331	0.3	170							
	:15	68°25'	86°31'	2865	3001	5.7	313							
	:31	68°21'	86°32'	2810	2888	2.0	304							
	:45	67°56'	86°33'	2609	2917	6.6	281							
	11:00	67°50'	86°33'	2274	2916	4.5	294							
	11:15	67°30'	86°34'	3043	3015	2.6	235							
	11:30	67°26'	86°34'	2862	3032	7.6	267							
	11:45	67°12'	86°35'	—	—	2.1	338							
	12:00	67°00'	86°35'	3621	3611	7.2	551							

04:23 Waittime 60 - Heavy ice

Camen

station

Burkhard End of station 9:10

restant 10:22 (214)

Schmitz

YIPPIE
12:05 Parascound ausgeschaltet! (215)

PARASOUND WAS TURNED OFF BECAUSE OF 2 REASONS:
1) THIS AREA OF GAKKEL RIDGE WAS SURVEYED IN FIRST PART OF EXPEDITION
2) DATA QUALITY IS TOO POOR SINCE THE MOST OF SHIP TRACK IS ALONG RIFT SIDE

DATE	TIME	LONG.	LAT.	DEPTH		SPEED	COUR.	FREQ.	PULSES	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
	(UTC)	(W/E)	(N)	P	H	KN	deg.	KHZ						
17.09	09:35	47°16'	86°41'	4889	4800	2.8	65	4	4	0	15		Sergii	Start looking for Head Flow Station
	09:48	47°23'	86°41'	4739	4753	5.1	101							
	10:00	47°37'	86°42'	4792	4878	5.1	113							
	10:15	47°44'	86°45'	496429	4990	4.6	6.7							
	10:33	47°28'	86°44'	5077	5107	6.0	349							
	1:50	47°36'	86°45'	4963	4984	0.5	259			60				
19.09.01	03:50	40°05'	86°32'	4029	4191	8.1	261	4	4	0	15		Sergii	Start recording for cross-rift profile HF station PR RESTART NO ANY SIGNAL WAS RECORDED END OF RECORD NEXT ATTEMPT TO RECEIVE A RECORD APPROPRIATE FOR HF station location END; NO SIGNAL TRY TO HF STATION
	04:00	40°06'	86°32'	4915	4648	0.6	133							
	04:15	40°06'	86°32'	4951	3152	9.3	299							
	04:30	40°44'	86°32'	4499	4938	5.9	52.6							
	04:45	40°20'	86°31'	4607	4746	5.2	190							
	05:00	40°33'	86°30'	4666	5232	1.9	285							
	05:16	40°36'	86°30'	4621	4678	4.3	97							
	05:30	40°40'	86°29'	4709	4760	4.9	152							
	05:45	40°50'	86°29'	4669	4680	6.7	46							
	06:02	40°59'	86°28'	4079	4592	4.9	192							
	6:15	41°00'	86°28'	4478	4540	3.6	24.7							
10.31	10:31	40°58'	86°29'	4490	4596	5.4	179	4	4				Sergii	END OF RECORD NEXT ATTEMPT TO RECEIVE A RECORD APPROPRIATE FOR HF station location END; NO SIGNAL TRY TO HF STATION
	11:09	41°02'	86°26'	4559	5044	4.5	195							
	11:20	41°01'	86°21'	4870	4959	1.2	74							
	15:10	41°10'	86°25'	4012	4052	7.9	141	4	4					
20.09.01	7:22	38°04.15' E	86°21.63' N		4404	1.0	263	4	4	0			NL	Restart System Looking for HF station <u>216</u> Station HF End of station, we failed!
	07:45	38°19'	86°21'	4982	5069	6.1	134						Log	
	08:00	38°26'	86°21'	5188	5297	0.4	45							
	08:16	38°32'	86°21'	5129	5212	5.6	75							
	08:26	38°41'	86°20'	5255	5230	2.1	215			60				
	11:33	38°26'	86°19'	4934	4944	37.4	214	4	4	0			Sergii	
	13:30	36°43'	86°12'	3629	3648	0.6	225	4	4					TRY TO RECORD COLLECTION FROM SE SIDE OF RIFT VERY POOR RECORD END OF RECORD, DRUDGE SECTOR
	13:49	36°35'	86°12'	3657	3686	3.7	32.6							
	14:02	36°23'	86°12'	3283	3773	4.7	330							
	14:15	36°30.0	86°13'	3949	4059	2.0	175							
	14:36	36°26'	86°14'	4031	4044	4.2	206							
	15:00	36°05'	86°15'	4193	4560	5.6	298							
21.09	10:44													Beg to search for station
	10:54	31°18'	85°57'	3497	3452	8.0	187							
	11:17	31°16'	85°58'	35670	3586	6.2	343							
	11:40	31°13'	85°58.5'		36211	0	151			60				

DATE	TIME (UTS)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KM	COURSE deg	FREQ. kHz	PULSES	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS	
				PSM	HM										
21.09	15:00	31° 01'	85° 57'	3583	3277	0.7	28	4	4	0	15		Sergey Start a new attempt ALMOST NO SIGNAL END OF RECORD A SECTION O/TTO RIFT VALLEY		
	:15	30° 59'	85° 57'	3073	3247	3.8	213								
	:30	30° 39'	85° 56'	2814	3475	6.6	211								
	16:00	30° 24'	85° 55'	3582	3869	6.6	198								
	16:45	29° 47'	85° 52'	3762	3956	5.1	337								
	17:02	29 26	85° 52'	3746	3738	3.6	271								
	17:14														
	18:38														
	22.09	07:36	25° 44'	85° 56'	3839	4584	7	168	4	4	0	15			Sergey Looking for the sediments PS RESTART STATION DREDGE
	:48	25° 45'	85° 55'	4190	4539	5.4	181								
08:03	25° 46'	85° 55'	4366	4392	4.8	336									
	:20	25° 44'	85° 56'	4630	4726	1.3	330								
22.09	13:07	25° 44'	85° 53'	4107	4063	0.9	236	4	4	0	15		A SECTION ACROSS THE RIFT VALLEY		
	13:39	21° 35'	85° 49'	4605	4684	1.3	310	4	4						
	14:00	21° 34'	85° 49'	4583	4629	0.4	255								
23.09	18:00	21° 29'	85° 48'	4362	4441	6.1	360	4	4				Sergey 18:09 - PS RESTART (217) 18:52 - REBOOT (218) 19:07 - REBOOT (219) NO SIGNAL AT ALL		
	:15	21° 43'	85° 49'	4656	4833	6.0	19.5								
	:30	21° 44'	85° 51'	4988	5073	4.0	43								
	:46	22° 02'	85° 51'	4799	5256	0.5	257								
	19:00	22° 03'	85° 51'	4866	4954	4.1	39.3								
	:17	22° 18'	85° 52'	4688	4805	5.0	156								
	:34	22° 19'	85° 51'	4347	4481	7.2	167								
	:46	22° 23'	85° 51'	4921	4512	8.6	190								
	20:01	22° 18'	85° 52'	4663	4699	6.5	358								
	:15	22° 22'	85° 52'	4966	5086	2.1	347								
25.09	21:44	20° 58'	85° 59'	3709	3771	2.6	92	4	4	0	15		Sergey Stand steaming to start point of seismic profile from Bohace Rid. through Nansen Basin		
	:30	21° 10'	85° 57.7	4172	4198	7.0	123								
	:45	21° 18'	85° 56.6	4476	4520	8.3	217								
	22:00	21° 08'	85° 55.2	4579	4591	4.0	178								
	:15	21° 08'	85° 54.6	4534	4583	1.2	233								
	:30	21° 05'	85° 54.4	4549	4559	1.5	248								
	:45	21° 02'	85° 54.3	4530	4580	0.6	36								
	23:00	21° 00'	85° 54.3	4597	4607	0.7	31								
	:17	20° 56'	85° 54.1	4543	4575	3.6	155								
	:30	20° 57'	85° 52.7	4605	4646	6.0	171								
:45	20° 57'	85° 51.7	4703	4729	5.6	141									
26.09	00:00	20° 53'	85° 50.3	4792	4805	1.1	194						Sergey		
	:15	20° 43'	85° 50'	4834	4862	6.1	184								
	:30	20° 40'	85° 48'	4879	4915	4.8	173								
	:45	20° 36'	85° 47'	4731	4766	3.3	197								
	01:00	20° 37'	85° 46'	0	4380	6.1	168								
	:17	20° 36'	85° 44'	3696	3748	9.5	211								
	:30	20° 37'	85° 42'	3533	3558	8.3	167								

DATE	TIME (LTM)	LONG (W/E)	LAT (N)	DEPTH	SPEED	COURSE	FREQ	PULS	WAIT TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
26.09	01:45	20°37'	85°41'	3763	3770	4.0	184	4	0	15		Serges	
	02:00	20°38'	85°40'	3642	3676	1.8	193						
	:15	20°36'	85°39'	3611	3642								
	:30	20°28'	85°38'	1745	2198	6.4	173						
	:45	20°28'	85°37'	1658	1707	4.5	202						
	03:03	20°31'	85°35'	0	2006	6.2	142						
	:15	20°32'	85°34'	1446	1438	6.8	191						
	:30	20°39'	85°33'	0	1697	6.9	182						
	:45	20°35'	85°32'	1748	1875	6.3	192						
	04:00	20°39'	85°30'	0	1861	6.1	175						
	:15	20°55'	85°29'	0	2260	6.8	194						
	:30	20°26'	85°28'	2589	2543	6.4	225						
	:46	20°26'	85°26'	2701	2835	6.3	165						
	05:02	20°33'	85°25'	2154	2281	5.5	184						
	:15	20°37'	85°24'	2567	2627	5.5	156						
	:30	20°39'	85°22'	2737	2755	3.8	163						
	:44	20°42'	85°21'	2660	2677	6.2	210						
	06:01	20°30'	85°20'	3008	3133	4.0	238						
	:15	20°21'	85°19'	3336	3652	5.2	221						
	:30	20°17'	85°18'	3774	3787	6.6	205						
	:45	20°07'	85°17'	3692	3703	4.5	183						
	07:01	20°12'	85°16'	3772	3794	5.4	167						
	07:22	20°11'	85°14'	3942	5949	5.4	189						
	07:38	20°17'	85°13'	3935	3951	5.4	146						
	08:00	20°36'	85°12'	3972	3990	4.7	67						
	08:15	20°45'	85°13'	3896	3929	5.2	80						
	:30	20°45'	85°13'	3718	3936	0.2	294						
	:45	20°45'	85°13'	3922	3955	0	76		60				
	09:00	20°45'	85°13'	3814	3889	0	77		0				
	09:15	20°02'	85°18'	3528	3944	1.1	66						
	09:30	20°41'	85°13'	3833	3842	3.5	74						
	09:45	20°41'	85°13'	3834	3861	3.3	204						
	10:00	20°40'	85°13'	3834	3842	3.0	81						
	10:15	20°52'	85°13'	3837	4022	7.8	195						
	:31	21°02'	85°11'	4081	4096	6.0	183						
	:46	20°54'	85°09'	3840	3862	7.3	219						
	11:00	20°51'	85°08'	3971	4097	6.3	216				4 → 2		
	:15	20°49'	85°07'	3913	4212	5.5	191		60				
	:37	20°49'	85°05'	3956	4012	2.59	0.3		0	15 → 16			
	12:27	20°42'	85°05'	4018	4271	7.9	172		0				
	13:00	20°40,11'	85°04,9'	0	4249	0.5	250	4	60				
	13:15	20°39,41'	85°04,8'	4153	4229	0.4	245						
	13:30	20°38,11'	85°04,8'	4145	4232	0.4	259						
	13:45	20°37,81'	85°04,11'	4103	4129	5.7	183		0				
	14:00	20°35,11'	85°02,4'	4063	4184	6.4	173						
	14:15	20°32,31'	85°01,5'	4247	4262	7.6	176						
	14:30	20°29,7'	84°59,8'	4176	4185	4.3	178						
	14:45	20°26,21'	84°59,2'	4183	4197	3.6	206						
	15:00	20°20,41'	84°57,6'	4282	4284	7.0	211						
	:15	20°13	84°56	4282	4293	6.0	230						
	:30	20°06	84°55	4217	4261	1.2	201						
	:45	20°02	84°54	3920	3959	11.3	208						
	16:00	20°00	84°52	3962	3974	7.3	168						
	:15	20°05	84°51	3910	3922	5.9	146						

PS DEPTH IS WRONG

REBOOT (20)

Reboot (21)

HAD A PS GMT TIME WA WRONG DATE SINCE 22.09 restart / corrected PC date to 26.09.09 8:54 wait time 60 9:20 wait time 0

PS DATE WAS CORRECTED

11:03 crash, disk change (22)

11:28 - spy in sensor array

waiting for Healy

13:36 wait time to 0 again

Michaela

DATE	TIME (UTC)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED	COUR. deg	FREQ. kHz	PULS	WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PS	HS									
26.09	16:30	20° 06'	84° 50'	3811	3859	6.6	199							
	16:45	20° 02'	84° 49'	3404	4060	7.6	119							
	17:00	20° 14' E	84° 48'	4080	4059	5.2	135.4	4	4				ALESSANDRO	
	17:15	20° 26' E	84° 48'	3670	3712	4.8	122.3	4	4					
	17:30	20° 38' E	84° 47'	3679	3724	4.9	64.4	4	4					
	17:45	20° 53' E	84° 47'	.0	3827	6.3	90.1	4	4					
	18:00	21° 09' E	84° 47'	.0	3824	7.9	105.7	4	4					
	18:15	21° 24' E	84° 46'	4045	4050	5.5	149.3	4	4					
	18:30	21° 34' E	84° 45'	.0	3864	6.6	142.4	4	4					
	18:45	21° 44' E	84° 44'	3051	3798	4.8	145.6	4	4					
	19:00	21° 56' E	84° 43'	4058	4067	6.6	128.9	4	4					
	19:15	22° 11' E	84° 42'	4058	4077	6.9	120.9	4	4					
	19:30	22° 24' E	84° 41'	4059	4068	6.4	100.1	4	4					
	20:13	22° 25'	84° 41'	4061	4068	5.8	98			60				STACKED
	20:25									0				Start cruising
	20:46	22° 37'	84° 41'	4059	4067	6.4	72			60				STACKED
	21:00	22° 51'	84° 42'	4057	4066	7.1	55			0				Vladimir
	21:15	23° 07'	84° 41.6'	4058	4471	7.3	50							
	21:32	23° 26'	84° 42'	3744	4041	6.2	72							
	21:45	23° 38'	84° 41.9'	3761	4295	6.1	83							
	22:00	23° 52'	84° 42.0'	3763	4069	6.5	146							
	22:15	24° 05'	84° 40.8'	3765	4070	6.1	108							
	22:30	24° 18'	84° 40.6'	3763	4066	7.0	101							
	22:45	24° 35'	84° 39.3'	3763	4069	6.5	155							
	23:00	24° 40'	84° 37.7'	3763	4070	5.2	168							
	23:20	24° 49'	84° 36.2'	3763	4067	7.5	85							
	23:30	25° 04'	84° 36.3'	3763	4068	7.0	84							
	23:45	25° 21'	84° 35.9'	3763	4071	7.5	90							
27.09	00:00	25° 34'	84° 35'	4059	4070	5.6	116							
	00:15	25° 50'	84° 35'	4059	4068	6.8	129							
	00:30	26° 04'	84° 34'	4059	4068	6.3	95							
	00:45	26° 21'	84° 33'	4055	4072	6.9	124							
	01:00	26° 34'	84° 32'	4058	4070	6.3	144							
	01:15	26° 39'	84° 31'	4055	4069	4.8	151							
	01:33	26° 55'	84° 30'	4061										
	01:47	27° 09'	84° 29'	4057	4066	6.0	138							
	02:00	27° 17'	84° 28'	4058	4066	6.1	157							
	02:15	27° 29'	84° 27'	4066	4058	6.9	161							
	02:32	27° 35'	84° 25'	4058	4062	5.9	124							
	02:45	27° 48'	84° 25'	4058	4067	5.5	97.5							
	03:00	28° 01'	84° 23'	4057	4073	7.5	87.4							
	03:15	28° 03'	84° 25'	4057	4064	6.8	90							
	03:30	28° 11'	84° 25'	4056	4071	6.2	100							
	03:48	28° 18'	84° 24'	4059	4064	5.7	190							
	04:00	28° 19'	84° 23'	4057	4070	5.8	175							
	04:15	28° 13'	84° 21'	4058	4065	5.7	178							
	04:30	28° 14'	84° 20'	4059	4071	5.1	204							
	04:45	28° 17'	84° 19'	4058	4064	5.7	104							
	05:00	28° 23'	84° 18'	4057	4059	4.7	180							
	05:15	28° 27'	84° 17'	4058	4065	4.8	230							
	05:30	28° 14'	84° 15'	4059	4070	5.9	177							
	05:45	28° 12'	84° 14'	4059	4066	6.2	219							
	06:00	28° 13'	84° 13'	4059	4067	5.2	160							
	06:15	28° 14'	84° 12'	4061	4076	4.9	199							

STACKED

Start cruising

STACKED

Vladimir

PS DEPTH WRONG

PS TOTAL REPORT (223)

Sergey

01:30 REBOOT (224)

PS RESTART (225)

Seism array out

05:57 REBOOT (226)

B. Blair

DATE	TIME (UTC)	LONG (W/E)	LAT (N)	DEPTH		SPEED	COURSE	FREQ	PULS	WAIT TIME	DESSO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
				PSM	HRM									
27.09	06:30	28° 07'	84° 11'	4061	4072	5.2	109							
	:45	28° 05'	84° 09'	4061	4067	4.9	176				76			
	07:00	28° 02'	84° 08'	4061	4074	5.1	161							
	07:15	28° 08'	84° 07'	4068	4070	5.8	195						U. Müller	
	07:30	28° 05'	84° 06'	4064	4071	5.6	200							
	07:45	28° 01'	84° 05'	4064	4071	5.2	202							
	08:00	27° 55'	84° 03'	4061	4071	5.4	198							
	08:15	27° 51'	84° 01'	4062	4076	6.0	194							
	08:30	27° 47'	84° 00'	4063	4076	5.3	208							
	08:45	27° 40'	83° 59'	4063	4072	6.0	211							
	09:00	27° 43'	83° 57'	4063	4071	5.6	170							
	15	27° 45'E	83° 57'N	4063	4072	4.6	149						Spielholz	
	30	27° 51'E	83° 56'N	4063	4070	5.3	147							
	45	27° 59'E	83° 54'N	4063	4070	5.5	142							
	10:03	28° 07'E	83° 53'N	4063	4071	4.9	162							10:00h Restart (227)
	15	28° 04'E	83° 52'N	4063	4070	2.8	229							10:30h Restart (228)
	32	28° 08'E	83° 52'N	4063	4070	3.5	249							Andocken an Scholle
	45	28° 04'E	83° 51'N	4063	4070	0	164							PS IS OFF
	11:00	F A R I S W E L L				I C E		P A R T Y		W I T H		H E A L Y		
	18:35	27° 31'	83° 52'	4065	4075	3.5	303						Sergei	
	57	27° 15'	83° 52'	4065	4079	5.4	230							REBOOT (229)
	19:29	26° 51'	83° 50'	4067	4074	5.3	254							REBOOT (230)
	19:50	26° 37'	83° 49'	4068	4074	5.6	240							
	20:00	26° 29'	83° 45'	4065	4075	5.9	250							
	:16	26° 27'	83° 47'	4069	4076	5.8	162							
	20:33	26° 33.054	83° 45.202	4068	4074	5.7	165							
	20:35	26° 37.814	83° 43.15	4068	4075	4.5	158							
	21:15	26° 44'	83° 42'	4066	4073	6.0	182							
	:30	26° 46'	83° 41'	4066	4071	5.6	159							
	:45	26° 52'	83° 40'	4066	4073	5.7	154							
	22:00	26° 58'	83° 38'	4065	4072	5.8	147							
	:20	27° 09'	83° 37'	4064	4071	5.9	151							
	:40	27° 16'	83° 35'	4062	4079	6.0	159							
	23:00	27° 22'	83° 33'	4060	4065	6.0	153							
	:30	27° 31'	83° 30'	4056	4064	6.5	144							
	:45	27° 40'	83° 29'	4054	4061	6.1	153							
28.09	00:00	27° 50'	83° 28'	4051	4060	6.0	130							
	:15	27° 59'	83° 27'	4048	4053	5.9	127							
	:45	28° 20'	83° 25'	4041	4047	6.0	129							
	01:00	28° 31'	83° 24'	4055	4041	5.1	125							
	:15	28° 37'	83° 24'	4031	4040	4.7	131							
	:30	28° 46'	83° 23'	4026	4035	4.2	132.5							
	02:00	29° 04'	83° 21'	4016	4026	5.6	128							
	:15	29° 14'	83° 20'	4012	4024	5.8	128							
	:32	29° 23'	83° 20'	4008	4018	3.4	139							
	:46	29° 31'	83° 19'	4005	4016	4.0	131							
	03:05	29° 41'	83° 18'	3999	4003	5.2	130							
	:18	29° 46'	83° 17'	3995	4003	5.1	134							
	:31	29° 46'	83° 16'	3998	4003	4.8	133							
	:45	29° 47'	83° 15'	3994	4001	5.5	139							
	04:00	29° 48'	83° 14'	3990	3997	5.0	174							
	:15	29° 49'	83° 13'	3986	3992	4.4	174							

DATE	TIME (UTC)	LONG. (W/E)	LAT. (N)	DEPTH (M)	SPEED (KPH)	COURSE (deg)	FREQ. (KHZ)	PULSES	WAIT. TIME	DESSO ROLL N	DISK CHANGE	WATCHER NAME
28.09	04:30	29°50'	83°11'	3979	3987	4.0	173	4	4	0	16	Senger
	:46	29°52'	83°10'	3978	3977	5.1	175					
05:00	:45	29°52'	83°08'	3989	3987	5.9	174					Buifer
	:45	29°54'	83°03'	3968	3953	4.9	170					
05:30	:45	29°55'	83°00'	3958	3927	5.1	174					
	:45	29°56'	83°04'	3954	3964	4.2	172					
06:00	:45	29°59'	83°03'	3940	3948	5.5	175					
	:45	29°59'	83°01'	3931	3942	6.5	169					
06:30	:45	30°00'	83°00'	3914	3922	6.2	171					
	:45	30°02'	82°58'	3104	3907	6.2	174					
07:00		30°05'	82°57'	3899	3904	6.3	174					
08:00	:23	30°16' E	82°44'	3755	3762	6.6	172					Dunkhorst
	:30	30°18'	82°41'	3732	3738	6.6	173					
09:30		30°18'	82°41'	3725	3733	6.7	172					
09:45		30°20'	82°39'	3718	3726	6.3	176					
10:00	:15	30°21'	82°37'	3708	3717	6.6	172					
	:30	30°23'	82°36'	3687	3702	6.3	174					
	:45	30°24'	82°34'	3673	3684	6.5	175					
11:00		30°26'	82°33'	3651	3654	6.4	174					
	:16	30°27'	82°31'	3622	3631	6.0	170					Sprellhoff
	:31	30°29'	82°30'	3599	3607	6.2	169					
	:45	30°31'	82°28'	3585	3596	6.4	173					
12:00		30°32'	82°27'	3568	3579	6.4	175					
	:15	30°33'	82°25'	3545	3553	6.1	173					
	:30	30°34'	82°24'	3524	3532	6.3	174					
	:48	30°36'	82°22'	3502	3515	6.2	175					
13:00	:15	30°37'	82°20'	3470	3476	5.9	173					Nico
	:30	30°38'	82°19'	3452	3459	6.3	172					
	:45	30°39'	82°17'	3425	3433	6.1	173					
14:00	:15	30°40'	82°16'	3409	3415	6.3	172					
	:30	30°42'	82°14'	3386	3395	6.2	172					
	:45	30°43'	82°13'	3368	3375	6.1	172					
15:00	:15	30°45'	82°11'	3347	3359	6.2	172					
	:30	30°46'	82°10'	3339	3350	6.2	173					
	:45	30°47'	82°08'	3310	3321	6.3	173					
15:00	:15	30°48'	82°07'	3289	3293	6.4	173					Thomas Senger
	:30	30°52'	82°05'	3267	3271	6.4	165					
	:45	30°55'	82°03'	3245	3250	6.4	165					
16:00	:15	30°59'	82°01'	3220	3224	6.3	165					
	:30	31°01'	82°59'	3190	3195	6.5	165					
	:45	31°04'	82°59'	3169	3172	6.6	163					
17:00	:15	31°07'	81°58'	3144	3144	6.0	165					
	:30	31°11'	81°56'	3121	3124	6.4	165					
17:05		31°14'	81°54'	3115	3121	6.4	165					
17:13		31°15' 52	81°53' 48	3120	3125	6.6	164					
17:32		31°19' 12	81°51' 52	3122	3124	6.4	163					
17:45		31°21' 56	81°50' 28	3086	3090	6.4	165					
18:00		31°24' 15	81°48' 15	3061	3066	6.4	164					
18:15		31°33' 15	81°44' 02	3036	2301	6.6	164					
19:00	:16	31°37'	81°42'	2065	2064	6.3	167					Senger
	:30	31°40'	81°41'	0	1822	6.2	165					
	:45	31°42'	81°39'	1139	1571	6.4	164					
20:01		31°45'	81°38'	906	1227	6.5	166					
		31°48'	81°36'	996	1006	6.4	164					

WATCHER WASN'T PRESENT

Restart 5:00 PRINTER WITHOUT TONER (23)
Restart 8:18 (232)
Restart 9:45 (233)

11:01 Restart (234)

15:05 Restart PC (235)

16:48 REBOOT (236)

Crashed at 18:28 (237)
18:15. read the log (238)

DATE	TIME (UTC)	LONG. (W/E)	LAT. (N)	DEPTH		SPEED KM	COURSE deg	FREQ KHz	PULSES
				PS	HR				
28.09	20:15	31°51'	81°35'	872	876	6.2	166	4	3
	:30	31°54'	81°33'	800	801	6.5	166		
	:45	31°56'	81°32'	716	716	6.3	166		
	21:00	31°59'	81°30'	624	628	6.7	165		
	:15	32°03'	81°29'	467	469	6.7	158		
	:30								
	:46	32°18'	81°25'	200	200	11.5	162		

WAIT. TIME	DESO ROLL N	DISK CHANGE	WATCHER NAME	COMMENTS
0	16		Sergei	I HOPE THIS IS THE LAST PAGE 20:50 REBOOT (239)

THAT'S OVER !!!

~250 system crashes