

ID	Date	System	Type
3293	08/03/2010 17:43:23	XBT	Event
HLY1002 XBT Probe T-7 Terminal Depth 760m Data Filename: T7-00082 Serial Number: not specified Good record bde			
3294	08/03/2010 18:30:40	Subbottom Profiler	Event
Knudsen Gain change from 90 -> 70 TFO			
3295	08/03/2010 18:52:33	XBT	Event
Knudsen gain 70 -> 50 TFO			
3296	08/03/2010 19:44:17	Multibeam	Event
Ship slowed to 10 kts bde			
3297	08/03/2010 20:15:04	all	Watch stander change
Geophysical Watches: Times are Alaska Daylight Time 0000 - 0800: Bill Danforth (Lead) 0000 - 0800: Andy Stevenson 0800 - 1600: Tom O'Brien (Lead) 0800 - 1200: Brian Edwards 1200 - 1600: Bill Schmoker 1600 - 2400: Peter Triezenberg (Lead) 1600 - 2000: Helen Gibbons 2000 - 2400: Caroline Singler			
3298	08/03/2010 20:53:40	all	Problem
POS-MV had an undefined problem. Reset system and seems to be settling in OK. TFO			
3299	08/03/2010 21:28:21	Subbottom Profiler	Event
Knudsen gain 50 -> 70. TFO			
3300	08/03/2010 22:37:25	Multibeam	Event
Briefly lost GPS input sys. W. Schmoker			
3301	08/04/2010 00:00:19	all	Watch stander change
PJT and HG now on duty.			
3302	08/04/2010 00:27:21	Other	Problem
MK39 Gyro and MK27 Gyro data stopped.			
3303	08/04/2010 01:22:39	Other	Resolution
Data being logged again from MK39 gyro and MK27 gyro.			
3304	08/04/2010 01:26:17	Other	Problem
Lost the data from the MK39 and the MK27 gyros.			
3305	08/04/2010 01:32:33	Other	Resolution

Data being logged again from MK39 gyro and MK27 gyro.

3306	08/04/2010 02:26:19	Multibeam	Operational Adjustment
Entered new sound speed profile for multibeam using World Ocean Atlas for 171W 61.5N PJT			
3307	08/04/2010 04:08:37	all	Watch stander change
Watchstander change from HG to CS.			
3308	08/04/2010 07:45:46	all	Watch stander change
stevenson danforth on watch			
3309	08/04/2010 09:00:46	all	Event
Sunset! In the north, very nice!			
3310	08/04/2010 09:50:04	all	Event
Ship slowing down, currently doing around 11.5 knots. Full dark outside now, possibly foggy (hard to tell from in the lab).			
3311	08/04/2010 10:34:56	all	Event
Speed back up to 15.5 knots			
3312	08/04/2010 10:49:50	Multibeam	Event
SVP profile error. SV velocity used greater than 5 from profile Stevenson			
3313	08/04/2010 13:41:44	Multibeam	Problem
Significant data loss in ~25 m water depth - approaching shallow water limit??			
3314	08/04/2010 16:07:55	all	Watch stander change
Tom O'Brien and Brian Edwards on watch			
3315	08/04/2010 16:43:30	Subbottom Profiler	Event
change minimum depth to 15 m on Knudsen			
3316	08/04/2010 16:44:53	Multibeam	Operational Adjustment
Along track direction now equals 10 degrees			
3317	08/04/2010 17:06:31	Multibeam	Event
Lost navigation for a moment. Superman			
3318	08/04/2010 17:14:57	all	Event
SOG 15.2 kts			
3319	08/04/2010 17:23:34	Subbottom Profiler	Operational Adjustment
Change min depth on Knudsen to 20 m			
3320	08/04/2010 20:03:08	all	Watch stander change
Brian off watch; Bill S. on watch			
3321	08/04/2010 23:48:28	Multibeam	Operational Adjustment
Along direction changed back to 0 deg. (now in 50+ meter water.) B. Schmoker			
3322	08/04/2010 23:57:11	all	Watch stander change
Watch change. Tom O. & Bill S. off Peter T. & Helen G. on			
3323	08/05/2010 02:21:04	Multibeam	Operational Adjustment

New SSP using HLY1002 XBT T7_00083.

-Steve

3324	08/05/2010 02:38:11	XBT	Event
XBT deployed at 1803 hours. HG			
3325	08/05/2010 04:02:17	all	Watch stander change
Helen G. off and Caroline S. on			
3326	08/05/2010 04:38:40	Multibeam	Operational Adjustment
Along track direction now equals 10 degrees PT/CS			
3327	08/05/2010 07:51:26	all	Watch stander change
danforth stevenson on watch			
3328	08/05/2010 10:32:03	all	Event
Made the turn onto new course 23.5 at waypoint 12 -Bill/Andy			
3329	08/05/2010 15:57:00	all	Watch stander change
Big T O'B & BDE on watch			
3330	08/05/2010 16:51:15	Subbottom Profiler	Operational Adjustment
Gain changed to 90			
3331	08/05/2010 18:11:51	Subbottom Profiler	Operational Adjustment
gain changed to 80			
3332	08/05/2010 18:14:00	all	Event
Fog clearing; speed increased to 12 kts			
3333	08/05/2010 18:38:21	all	Event
Ships speeds up to 15 Knots. TFO			
3334	08/05/2010 19:54:11	Subbottom Profiler	Operational Adjustment
Knudsen gain decreased to 70			
3335	08/05/2010 20:13:18	all	Watch stander change
Watch change: Bill Schmoker on watch			
3336	08/05/2010 23:57:32	all	Watch stander change
Peter T. and Helen G. now on watch.			
3337	08/06/2010 03:56:41	Other	Watch stander change
Peter T. and Caroline S. now on watch.			
3338	08/06/2010 05:38:26	all	Watch stander change
Helen G. off and Caroline S. on.			
3339	08/06/2010 05:47:42	Multibeam	Operational Adjustment
Along track direction changed back to 0 degrees by Steve Roberts. PT/CS			
3340	08/06/2010 07:55:02	all	Watch stander change
Danforth and Stevenson on watch			
3341	08/06/2010 08:15:13	all	Event

At WP 17 CC to new line, speed up to 16 kt

3342	08/06/2010 08:25:11	Subbottom Profiler	Operational Adjustment
Chg gain to 80			
3343	08/06/2010 08:55:46	Subbottom Profiler	Operational Adjustment
Pulse to 3 ms			
3344	08/06/2010 10:23:45	Subbottom Profiler	Event
System pause when SIS stopped to start new survey. Down for ~30 sec			
3345	08/06/2010 12:22:14	all	Event
Now into the an area of sparse sea ice!!!!			
3346	08/06/2010 12:30:14	Subbottom Profiler	Operational Adjustment
Entered ice, lost bottom track, increased tx blank to 25.0			
3347	08/06/2010 12:42:05	all	Event
Ship's speed slowed to 5 knots in the ice.			
3348	08/06/2010 13:23:49	all	Event
Ship altered course more to the east looking for open water. Sea ice is thinning out now...			
3349	08/06/2010 13:34:27	Multibeam	Operational Adjustment
Brought the maximum angle sector for the EM122 down to 68 degrees. Not seeing much beyond that, and what bottom detects are found are way out of range. Also set the range gate to normal (opened it up more) so that the bottom detect for the center beams could come back quicker. Increased the spike filter to medium, seems to ignore bad beams caused by bubbles (or otherwise) pretty well in conjunction with the range gate.			
-Bill			
3350	08/06/2010 13:51:33	all	Event
Speed back to 10 kt.			
3351	08/06/2010 14:15:20	all	Event
Patchy ice - speed variable 7-9 kts.			
3352	08/06/2010 15:50:50	all	Watch stander change
Tom O' & Bill S on watch			
3353	08/06/2010 16:14:49	Subbottom Profiler	Operational Adjustment
Power level on subbottom increased from 1 to 2 as water deepened past 100m			
3354	08/06/2010 17:00:51	Subbottom Profiler	Operational Adjustment
Power level on subbottom profiler increased to 3			
3355	08/06/2010 17:18:55	Subbottom Profiler	Operational Adjustment
Gain on subbottom profiler increased to 110			
3356	08/06/2010 17:21:22	Subbottom Profiler	Operational Adjustment
Max. Depth on subbottom profiler increased to 500 meters			
3357	08/06/2010 17:31:24	Subbottom Profiler	Operational Adjustment
Gain upped to 130 on subbottom profiler			
3358	08/06/2010 17:38:31	Multibeam	Operational Adjustment
Multibeam minimum depth to 400 meters. Sidescan max db = -20.5 Minimum db = -57.5			
3359	08/06/2010 18:23:09	Subbottom Profiler	Operational Adjustment
Max. depth on subbottom increased to 600m per Steve's suggestion.			
3360	08/06/2010 18:56:49	Subbottom Profiler	Operational Adjustment

Max bottom depth on subbottom profiler increased to 1000m in anticipation of crossing submarine canyon

3361	08/06/2010 19:56:44	all	Watch stander change
Brian on / Bill S. off			
3362	08/06/2010 20:56:11	Subbottom Profiler	Operational Adjustment
Change Phase to 4 (200 range; 300 to 500m)			
3363	08/06/2010 21:00:18	Subbottom Profiler	Operational Adjustment
Change Phase to 5 (400 to 600 m)			
3364	08/06/2010 21:05:50	Subbottom Profiler	Operational Adjustment
Knudsen Phase = 6 500 -> 700 meters Power = 4 TFO			
3365	08/06/2010 21:08:57	Subbottom Profiler	Operational Adjustment
Knudsen Phase = 7 600 - > 800 Meters TFO			
3366	08/06/2010 21:12:32	Subbottom Profiler	Operational Adjustment
Knudsen Phase = 8 700 -> 900 Meters TFO			
3367	08/06/2010 21:16:41	Subbottom Profiler	Event
Knudsen Phase = 9 800 -> 1000 Meters TFO			
3368	08/06/2010 21:21:11	Subbottom Profiler	Operational Adjustment
Knudsen Phase = 10 900 -> 1100 Meters			
3369	08/06/2010 21:26:33	Subbottom Profiler	Operational Adjustment
Knudsen Phase = 13 1200 -> 1400 SIS Max Depth to 2000 meters. TFO			
3370	08/06/2010 21:29:45	Subbottom Profiler	Operational Adjustment
Knudsen Phase = 11 1000 -> 1200 TFO			
3371	08/06/2010 21:37:42	Subbottom Profiler	Operational Adjustment
Knudsen Phase = 9 800 -> 1000 Meters TFO			
3372	08/06/2010 21:40:43	Subbottom Profiler	Operational Adjustment
Knudsen Phase = 8 700 -> 900 Meters. TFO			
3373	08/06/2010 21:42:14	Subbottom Profiler	Operational Adjustment
Knudsen phase to 7 (600 to 800 m)			
3374	08/06/2010 21:44:21	Subbottom Profiler	Operational Adjustment
Knudsen phase to 6 (500 to 700 m)			
3375	08/06/2010 21:46:56	Subbottom Profiler	Operational Adjustment
Knudsen phase to 5 (400 to 600 m) bde			

3376	08/06/2010 21:52:37	Subbottom Profiler	Operational Adjustment
Knudsen phase to 6 (500 to 700 m)			
3377	08/06/2010 21:55:15	Subbottom Profiler	Operational Adjustment
Knudsen phase to 7 (600 to 800 m) bde			
3378	08/06/2010 21:57:29	Subbottom Profiler	Operational Adjustment
Knudsen phase to 8 (700 to 900 m) bde			
3379	08/06/2010 21:58:35	Subbottom Profiler	Operational Adjustment
Knudsen phase to 9 (800 to 1000 m) bde			
3380	08/06/2010 22:05:36	XBT	Event
XBT T-7 taken Serial # 01053538 bde			
3381	08/06/2010 22:12:01	Subbottom Profiler	Operational Adjustment
Knudsen phase change to 8 (700 to 900) tob			
3382	08/06/2010 22:20:48	Multibeam	Problem
SIS stopped displaying Side Scan imagery. and updates to bathy display. bde			
3383	08/06/2010 22:26:27	Multibeam	Resolution
SIS back on line. TFO			
3384	08/07/2010 00:06:08	Subbottom Profiler	Operational Adjustment
On the Knudsen, changed the Range to 500 and turned the Processing Gain back down to 0. Increased the Gain to 190. PJT and HG			
3385	08/07/2010 02:05:37	Multibeam	Operational Adjustment
Changed max depth to 2500m and force depth to 1750m. PJT			
3386	08/07/2010 02:49:11	Subbottom Profiler	Operational Adjustment
Changed Gain to 225. PTZ			
3387	08/07/2010 03:38:22	Multibeam	Operational Adjustment
Changed Max. angle Port and Starboard to 65, and changed Angular Coverage mode to Manual. SR			
3388	08/07/2010 04:12:26	all	Watch stander change
PT and HG on since 00:00; HG now off and CS on			
3389	08/07/2010 04:26:23	Multibeam	Operational Adjustment
Changed Max. angle Port and Starboard to 68, and changed Angular Coverage mode back to Auto. SR			
3390	08/07/2010 05:51:11	Subbottom Profiler	Operational Adjustment
Max Depth changed to 3000m and Min Depth changed to 500m. Gain changed to 255. Changed Pulse Type to 24 ms chirp. PJT			
3391	08/07/2010 07:59:24	all	Watch stander change

Danforth Stevenon on watch			
3392	08/07/2010 08:19:02	Subbottom Profiler	Operational Adjustment
Phase to 8 (1750-2250)			
3393	08/07/2010 08:31:25	all	Event
CC to WP 21			
3394	08/07/2010 08:45:59	Subbottom Profiler	Operational Adjustment
Phase to 9 (2000 - 2500)			
3395	08/07/2010 09:38:07	Subbottom Profiler	Operational Adjustment
Phase to 8 (1750-2250)			
3396	08/07/2010 09:50:58	all	Event
CC to WP 22 (late by 10 min)			
3397	08/07/2010 10:09:23	Subbottom Profiler	Operational Adjustment
Phase to 9 (2000 - 2500)			
3398	08/07/2010 10:53:26	all	Event
Heavy ice, speed down to 4 kt.			
3399	08/07/2010 10:54:55	Subbottom Profiler	Event
Phase to 8 (1750 - 2250)			
3400	08/07/2010 11:27:52	all	Event
Heavy ice. Ship stopped, backing and ramming.			
3401	08/07/2010 11:37:13	all	Event
Bridge detoured around this big ice floe to starboard. Back in semi-open water.			
3402	08/07/2010 11:42:23	Subbottom Profiler	Operational Adjustment
Phase to 9 (2000 - 2500)			
3403	08/07/2010 12:02:23	all	Event
POS/MV (192.168.10.90) lost RTCM messages -- in stand-alone mode. Made an entry in the sci log as well. -Bill			
3404	08/07/2010 12:17:00	Subbottom Profiler	Operational Adjustment
Tom testing displsy transfer to winch			
3405	08/07/2010 14:40:17	all	Event
CC to WP 23			
3406	08/07/2010 14:57:41	Subbottom Profiler	Event
Phase to 8 (1750 - 2250)			
3407	08/07/2010 15:00:56	Subbottom Profiler	Operational Adjustment
Phase change to 8 (1750 - 2250M)			
3408	08/07/2010 15:24:24	Subbottom Profiler	Operational Adjustment
Phase change to 9 (2000 - 2500m)			
3409	08/07/2010 16:03:33	all	Watch stander change
Andy & Bill off // Tommy & Brian on			
3410	08/07/2010 20:00:19	XBT	Event
Launch XBT; T-7 Serial # 01053534 bde			
3411	08/07/2010 20:17:03	all	Watch stander change

Bill S. on watch, Brian E. off

3412	08/07/2010 20:53:11	all	Event
New helmsman learning to steer ship- possible extra turns in track due to training. Bill S.			
3413	08/07/2010 22:51:20	Multibeam	Operational Adjustment
POS data to SIS dropped out. All OK now. TFO			
3414	08/07/2010 22:55:02	Multibeam	Problem
POS dropped out again to SIS. All OK now. TFO			
3415	08/07/2010 23:06:24	Multibeam	Watch stander change
SIS Sonar Image Display: Max Amplitude = -20.5 dB Min Amplitude = -47.5 dB TFO			
3416	08/07/2010 23:55:23	all	Watch stander change
Peter T. and Helen G. now on duty. PJT			
3417	08/07/2010 23:57:53	Subbottom Profiler	Operational Adjustment
Pulse Type down to 12 ms. chirp. Gain down to 160. PJT			
3418	08/08/2010 00:34:52	Subbottom Profiler	Operational Adjustment
Changed range to 200m. PJT			
3419	08/08/2010 01:19:37	Subbottom Profiler	Operational Adjustment
Changed Min. Depth Limit to 140. HG			
3420	08/08/2010 01:29:16	Subbottom Profiler	Operational Adjustment
Changed pulse type to 6 ms chirp. HG			
3421	08/08/2010 01:31:08	Multibeam	Operational Adjustment
Changed Max. angle from 68 to 75, both Port and Starboard. HG			
3422	08/08/2010 01:37:28	Subbottom Profiler	Operational Adjustment
Changed Gain to 140. HG			
3423	08/08/2010 01:56:46	Subbottom Profiler	Operational Adjustment
Changed Min. Depth Limit to 60, Pulse Type to 3 ms chirp, and Gain to 100. HG			
3424	08/08/2010 01:59:27	Subbottom Profiler	Operational Adjustment
Changed Min. depth Limit to 100. HG			
3425	08/08/2010 02:01:52	all	Event

Start survey of Disputed Zone. HG			
3426	08/08/2010 02:08:00	Subbottom Profiler	Operational Adjustment
Changed the gain to 120. HG			
3427	08/08/2010 02:09:28	Subbottom Profiler	Operational Adjustment
Raised the gain to 130. HG			
3428	08/08/2010 02:14:44	Subbottom Profiler	Operational Adjustment
Changed Min. Depth Limit to 250. HG			
3429	08/08/2010 02:43:13	XBT	Event
MST dropped an XBT, Serial # 01053543. HG			
3430	08/08/2010 02:52:05	Multibeam	Operational Adjustment
Changed Min. Depth to 300 HG			
3431	08/08/2010 02:56:29	Multibeam	Operational Adjustment
Steve changed the Sound Speed Profile on the basis of the XBT data. HG			
3432	08/08/2010 03:51:58	Subbottom Profiler	Operational Adjustment
Since last adjustment, changed Pulse Type to 6, Gain to 160, Range to 500, and Power to 4. HG			
3433	08/08/2010 04:06:50	Subbottom Profiler	Operational Adjustment
Increased Gain to 170. HG			
3434	08/08/2010 04:07:35	Other	Watch stander change
Peter T. and Caroline S. now on watch. HG			
3435	08/08/2010 04:47:07	Subbottom Profiler	Operational Adjustment
Changed Gain to 180. CS			
3436	08/08/2010 05:37:37	Subbottom Profiler	Operational Adjustment
Increased pulse type to 24 ms and gain to 255. PT			
3437	08/08/2010 07:02:28	Multibeam	Operational Adjustment
SR changed sound speed profile using WOA data. CS			
3438	08/08/2010 07:48:48	all	Watch stander change
Danforth and Stevenson now on watch			
3439	08/08/2010 07:49:08	all	Event
Back into the ice!!			
3440	08/08/2010 08:10:56	all	Event
Stopped by ice. Bringing second engine on line to attempt to continue on line. If no go, will deviate around.			
3441	08/08/2010 08:15:36	Subbottom Profiler	Operational Adjustment
Autophase off, phase 9 (2000 - 2500)			
3442	08/08/2010 08:25:39	Multibeam	Operational Adjustment

Changing various settings on the EM122 runtime parameters. Right now we're running in:
 Very deep mode (FM pulse), manual angular coverage 50/50, equal angle spacing. See how this works!

3443	08/08/2010 09:00:16	all	Event
Stopped by ice. Deviating to Stbd after backing out			
3444	08/08/2010 09:43:34	all	Event
We're into very heavy ice right now, all the way to the horizon (as far as we can see). Aloft con called and said there was a lead to the right, trying that. Andy is talking with Brien E now, to see if we want to continue this course of action. Since we're not breaking ice for the Louis, maybe turn back south?? -Bill			
3445	08/08/2010 10:24:17	all	Event
Backing and ramming, trying to get to a lead just ahead.			
3446	08/08/2010 10:27:42	Multibeam	Operational Adjustment
I tried varying the settings for the EM122 to see if it could perform any better in the ice. Angular mode, ping mode, and coverage sector settings didn't make much of a difference. BOTTOM LINE: If there is too many bubbles or noise due to ice breaking, no returns show up in the water column for the EM122 to fix on. I set everything back to: AUTO coverage, HIDENS EQDIST spacing, DEEP ping mode, FIXED dual swath mode (if a valid ping occurred, we'd at least get the benefit of the dual mode). I turned off the spike and penetration filter, and set the range gate to large in the hopes of opening up the system to ANY valid data. -Bill			
3447	08/08/2010 11:01:20	Multibeam	Comment
Leaving the EM122 in auto coverage mode, in these water depths and in deep ping mode, the echo sounder will decide on around 57 degrees port/stbd coverage as optimal. -Bill			
3448	08/08/2010 13:32:36	Subbottom Profiler	Operational Adjustment
Phase to 10 (2250-2750			
3449	08/08/2010 15:33:25	Subbottom Profiler	Operational Adjustment
Set the display contrast to 2. Brings out the returning echo better on the screen! -Bill			
3450	08/08/2010 17:09:23	all	Watch stander change
Watch change at 0800. TFO and Be on duty.			
3451	08/08/2010 19:04:00	Multibeam	Problem
Red pitch, roll, heave, for several seconds. TFO			
3452	08/08/2010 20:17:18	all	Watch stander change
Brian E. off, Bill S. on watch			
3453	08/08/2010 20:28:02	all	Comment
Polar bear on port side. TFO			
3454	08/08/2010 23:53:26	all	Watch stander change
Peter T. and Helen G. now at the helm. PJT			
3455	08/09/2010 00:56:59	Multibeam	Problem
Haven't seen any good pings in a bit. Steve and Dale are working on it. HG			
3456	08/09/2010 01:10:34	Multibeam	Resolution

Multibeam now seems to be OK. No adjustments. Steve just stared at it.
HG

3457	08/09/2010 01:10:59	Subbottom Profiler	Operational Adjustment
Gain reduced to 200. HG			
3458	08/09/2010 01:16:33	Subbottom Profiler	Operational Adjustment
Gain reduced to 180. HG			
3459	08/09/2010 01:20:01	Subbottom Profiler	Operational Adjustment
Changed maximum depth limit to 3500. HG			
3460	08/09/2010 01:22:35	Subbottom Profiler	Operational Adjustment
Gain increased to 200. HG			
3461	08/09/2010 02:15:43	Subbottom Profiler	Operational Adjustment
Changed gain to 180. PJT			
3462	08/09/2010 02:42:39	Multibeam	Event
Multibeam alert for long period without data. PJT			
3463	08/09/2010 02:46:54	XBT	Event
Stopped to do an XBT. PJT			
3464	08/09/2010 03:05:06	Multibeam	Operational Adjustment
Added new sound speed profile hly1002_T7_00087.asvp Steve			
3465	08/09/2010 03:31:29	Multibeam	Operational Adjustment
Set sound speed at transducer to manual with a sound speed value of 1430 m/s because the intake jammed up. PJT			
3466	08/09/2010 03:43:15	Multibeam	Operational Adjustment
Steve unclogged the flow so the TSG sensor is back and the sound speed at transducer set back to sensor. PJT			
3467	08/09/2010 04:03:14	all	Watch stander change
HG off watch/CS on w/ PT			
3468	08/09/2010 04:48:31	Subbottom Profiler	Operational Adjustment
Changed phase to 12.			
3469	08/09/2010 04:49:53	Multibeam	Operational Adjustment
Changed max depth to 3200 m. PT			
3470	08/09/2010 06:51:34	all	Event
Danforth stevenson on watch			
3471	08/09/2010 07:17:44	Subbottom Profiler	Operational Adjustment
Gain to 200			
3472	08/09/2010 07:39:10	Subbottom Profiler	Operational Adjustment

Phase to 13 (3000 - 3500)			
3473	08/09/2010 10:08:13	all	Event
Begin turn at W7			
3474	08/09/2010 10:12:23	all	Event
On new course			
3475	08/09/2010 10:38:54	all	Event
Maneuvering for ice			
3476	08/09/2010 13:05:00	Subbottom Profiler	Operational Adjustment
Phase to 12 (2750 - 3250)			
3477	08/09/2010 14:53:21	all	Watch stander change
TOB & BDE on watch			
3478	08/09/2010 15:39:05	Other	Problem
slow to 2 kts due to cyclo-converter failure on ship.			
3479	08/09/2010 15:48:30	Other	Comment
Repairs completed. Back to survey speed (about 7 kts at the moment)			
3480	08/09/2010 15:55:48	Other	Comment
> Repairs completed. Back to survey speed (about 7 kts at the moment) More messing about. Control being returned to Aloft Conn now.			
3481	08/09/2010 17:31:31	CTD	Event
Preparing for CTD cast. Ship positioning near ice and checking conditions			
3482	08/09/2010 19:07:17	all	Watch stander change
Bill S. on watch Brian E. off			
3483	08/09/2010 21:11:03	CTD	Event
CTD on board. Proceeding to recover line. TFO			
3484	08/09/2010 21:51:14	all	Event
Beginning a right turn to get back on line. TFO			
3485	08/09/2010 22:49:25	all	Watch stander change
Peter T. and Helen G. are now in the chairs. PJT			
3486	08/09/2010 23:37:53	Other	Event
Around 22:55 to 23:00 UTC, the ship was diverted to the right away from a polar bear. The polar was about 1,500 m away from the ship when spotted, but was but dead ahead, so Justin Pudenz asked the bridge to alter our course a little bit to give the bear the 800-m safety zone. HG			
3487	08/10/2010 02:50:05	Multibeam	Operational Adjustment
Multibeam Max. Depth set to 3000m and Force Depth to 2800m. PJT			
3488	08/10/2010 02:53:53	all	Watch stander change
HG off watch/CS on.			
3489	08/10/2010 03:18:36	Multibeam	Operational Adjustment

Changed Max. angle on port and starboard side to 55 degrees. Changed Angular Coverage mode to MANUAL and Beam Spacing to EQANGLE. Changed Ping Mode to VERY DEEP. Changed by Steve.

PJT

3490	08/10/2010 03:23:13	all	Event
Ship speed slowed to 4 kt. to get better data quality,			
PJT			
3491	08/10/2010 03:31:46	Multibeam	Operational Adjustment
Changed Max. Angle on port and starboard side back to 65 degrees. CHANGED Angular Coverage mode back to AUTO. Changed Ping Mode back to AUTO. Changed by Steve.			
PJT			
3492	08/10/2010 03:38:09	Multibeam	Operational Adjustment
Changed Max. Angle on port and starboard side to 55 degrees. Changed Angular Coverage mode to Manual.			
3493	08/10/2010 05:57:20	Multibeam	Operational Adjustment
Changed Force Depth to 2600m. Changed MAX. Depth to 2800m for a tighter window.			
PJT			
3494	08/10/2010 06:33:16	Multibeam	Operational Adjustment
Max angle set to 65; angular coverage set to Auto; Beam spacing changed back to Hidens Eqdist; Changed Dual swath mode to Dynamic. (All changes by Steve R.)			
3495	08/10/2010 06:35:47	Subbottom Profiler	Operational Adjustment
Changed Gain to 180. CS			
3496	08/10/2010 06:39:24	all	Event
In more open water; told Aloft Conn okay to increase speed above 4 kt.			
3497	08/10/2010 06:54:29	all	Event
Danforth stevenson on watch			
3498	08/10/2010 09:39:25	Subbottom Profiler	Event
Phase to 10 (2250 - 2750)			
3499	08/10/2010 13:06:18	Subbottom Profiler	Operational Adjustment
gain to 200			
3500	08/10/2010 14:28:50	all	Event
Out of the ice (finally)!!!!			
3501	08/10/2010 14:53:11	all	Watch stander change
B + T on watch. TFO			
3502	08/10/2010 16:05:47	all	Operational Adjustment
Out of ice, speed to 10 knots. TFO			
3503	08/10/2010 17:42:30	Multibeam	Operational Adjustment
installed hly1002_T7_00086.asvp			
3504	08/10/2010 17:46:09	Subbottom Profiler	Operational Adjustment
Change gain to 180			
3505	08/10/2010 19:00:59	all	Watch stander change

Bill S. on watch, Brian E. off

3506	08/10/2010 19:05:52	Multibeam	Operational Adjustment
Max. angle on multibeam increased to 75° (both port & starboard sides) per Steve. Bill S.			
3507	08/10/2010 19:10:42	Subbottom Profiler	Operational Adjustment
Pulse type to 6ms, Power to 3, and gain to 140 on subbottom as we are now in shallower (~550m) water. Bill S.			
3508	08/10/2010 19:29:55	Subbottom Profiler	Operational Adjustment
Subbottom gain to 125. Bill S.			
3509	08/10/2010 19:31:44	all	Event
Turned eastward, heading now ~60° Bill S.			
3510	08/10/2010 19:38:13	all	Event
On new trackline (~44°) towards meeting with Louis. Accelerated to 15.5+ kts. Bill S.			
3511	08/10/2010 20:13:51	all	Event
Veered to new trackline, ~64°. Currently crossing slump feature on slope at about 700+ meters deep. Layers on subbottom appear very disrupted. Bill S.			
3512	08/10/2010 20:41:39	Subbottom Profiler	Event
Subbottom pulse to 12ms, gain to 145, range to 500. Depth now 1400+ m and increasing and trying to keep up with it. Bill S			
3513	08/10/2010 21:06:30	all	Event
Speed decreased to < 10 kts as fog encountered. Bill S.			
3514	08/10/2010 21:12:43	all	Event
New plans, We are stopping and will wait for Louis to join us in open water. TFO			
3515	08/10/2010 21:32:54	Subbottom Profiler	Operational Adjustment
Gain on subbottom to 165. Bill S.			
3516	08/10/2010 21:34:28	all	Event
Louis S St. Laurent visible on map server approx. 22 nm northeast of us. We've turned SW in search of less fog to undertake helo opps. Bill S.			
3517	08/10/2010 22:58:54	Other	Watch stander change
Peter T. and Helen G. now on watch. HG			
3518	08/11/2010 00:27:35	Subbottom Profiler	Operational Adjustment
Dropped the gain down to 165. PJT			
3519	08/11/2010 00:31:10	Multibeam	Operational Adjustment
Changed Force Depth to 1600m. PJT			
3520	08/11/2010 01:39:59	all	Event

Helo operations going on.

PJT

3521	08/11/2010 01:44:23	Multibeam	Operational Adjustment
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Force Depth changed to 1700m.

PJT

3522	08/11/2010 02:00:43	Subbottom Profiler	Operational Adjustment
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Increased gain to 175.

PJT

3523	08/11/2010 02:01:49	Multibeam	Operational Adjustment
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Increased Force Depth to 1800m.

PJT

3524	08/11/2010 02:26:46	Multibeam	Operational Adjustment
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(PU Sensor) Echo sounder EM122_106: Position input is missing during logging. (1810) error. I clicked the OK button.

PJT

3525	08/11/2010 03:00:55	Subbottom Profiler	Operational Adjustment
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Changed gain to 195.

PJT

3526	08/11/2010 03:25:55	Subbottom Profiler	Operational Adjustment
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Changed gain to 190.

PJT

3527	08/11/2010 03:34:33	all	Watch stander change
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CS on watch w/ PT at 1955 local time; HG off watch

3528	08/11/2010 03:49:27	Subbottom Profiler	Operational Adjustment
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Changed gain to 180.

PJT

3529	08/11/2010 03:49:55	Multibeam	Operational Adjustment
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Changed Force Depth to 1900m.

PJT

3530	08/11/2010 04:03:53	Subbottom Profiler	Operational Adjustment
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Changed gain to 175.

PJT

3531	08/11/2010 04:25:13	Multibeam	Operational Adjustment
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Set Ping Mode to AUTO.

PJT

3532	08/11/2010 04:34:51	Multibeam	Operational Adjustment
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Max. Depth set to 1800m. PJT

3533	08/11/2010 04:41:01	Multibeam	Operational Adjustment
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Max. Depth set to 1900m. PJT

3534	08/11/2010 04:50:52	Multibeam	Operational Adjustment
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Force Depth set to 2000m. PJT

3535	08/11/2010 05:12:45	Multibeam	Operational Adjustment
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Changed Min. Depth to 1800m and changed Force Depth to 2200m. PJT			
3536	08/11/2010 05:34:31	Multibeam	Operational Adjustment
Changed Force Depth to 2300m. PJT			
3537	08/11/2010 06:02:21	Multibeam	Watch stander change
Changed force depth to 2200m. CS			
3538	08/11/2010 06:55:37	all	Watch stander change
Danforth and Stevenson at the helm.			
3539	08/11/2010 13:48:33	Multibeam	Operational Adjustment
Set min depth to 1200, max depth to 3500. -Bill			
3540	08/11/2010 14:29:54	all	Problem
Lost connection with POS message			
3541	08/11/2010 14:56:10	all	Watch stander change
TFO and BE on duty. Louis missing in action. TFO			
3542	08/11/2010 16:49:46	Subbottom Profiler	Event
Time sync. TFO			
3543	08/11/2010 16:56:46	Subbottom Profiler	Operational Adjustment
Power = 3 TFO			
3544	08/11/2010 17:43:34	Multibeam	Operational Adjustment
Change EM122 Beam spacing to Equal Angle from Equal distance. TFO			
3545	08/11/2010 17:44:47	all	Event
Piston and Gravity core sites have been selected and plotted on map server. TFO			
3546	08/11/2010 18:04:44	Subbottom Profiler	Operational Adjustment
Changed power to 4 and dropped gain to 190. -Steve			
3547	08/11/2010 18:07:40	Multibeam	Operational Adjustment
Reloaded SSP HLY1002 XBT T7_00085. -Steve			
3548	08/11/2010 18:30:40	Subbottom Profiler	Event
Time sync.			
3549	08/11/2010 18:58:22	all	Watch stander change
Bill S. on watch, Brian E. off			
3550	08/11/2010 19:07:58	all	Event
Reached pt. w3 at end of track line, turning to new course (NW anticipated.) Bill S.			
3551	08/11/2010 19:11:01	Subbottom Profiler	Operational Adjustment

Time sync			
3552	08/11/2010 19:28:01	all	Event
Now turned to SW course to approach sampling site. Speed slowing. Bill S.			
3553	08/11/2010 19:41:33	all	Event
Over pt. w4, approaching sampling "bump", speed 3.8 kts Bill S.			
3554	08/11/2010 19:55:35	all	Event
Passing over top of sampling area "bump" 3.2 kts. Bill S.			
3555	08/11/2010 20:27:22	all	Event
Completed track line over sampling bump to pt. w5. Executed Williamson Turn and now coming back to track line over sampling area heading NE. Currently making 6 kts. Bill S.			
3556	08/11/2010 20:32:46	all	Event
Beginning to cross "bump" again heading NE, speed 2 kts. Bill S.			
3557	08/11/2010 20:38:35	all	Event
Currently nearly stopped over SW flank of sampling bump area depth ~2650 meters. Bill S.			
3558	08/11/2010 21:39:51	all	Event
Gravity core operation now underway. Boat holding position on NW side of bump. Bill S.			
3559	08/11/2010 21:43:38	all	Event
Correction: Holding nearly over center of sampling bump. Bill S.			
3560	08/11/2010 23:00:56	all	Watch stander change
Peter T. and Helen G. now on duty. PJT			
3561	08/11/2010 23:02:02	Multibeam	Operational Adjustment
Changed Force Depth to 2500m. PJT			
3562	08/12/2010 03:01:09	Other	Watch stander change
Peter T. and Caroline S. now on watch. Piston core about to hit bottom. HG			
3563	08/12/2010 05:30:03	Multibeam	Operational Adjustment
Changed Force Depth to 2600m. PJT			
3564	08/12/2010 05:35:02	Multibeam	Operational Adjustment
Changed Force Depth to 2400m. PJT			
3565	08/12/2010 05:38:25	Multibeam	Operational Adjustment
Set Force Depth to 2200m. PJT			
3566	08/12/2010 05:50:38	Subbottom Profiler	Operational Adjustment
Set gain to 190. PJT			
3567	08/12/2010 05:52:02	Multibeam	Event

(PU Sensor) Echo sounder EM122_106: Position input is missing during logging. (1810) error. Clicked OK button. PJT

3568	08/12/2010 05:52:49	Multibeam	Operational Adjustment
Set Force Depth to 2300m. PJT			
3569	08/12/2010 05:53:28	Subbottom Profiler	Operational Adjustment
Set gain to 185. PJT			
3570	08/12/2010 05:57:48	Subbottom Profiler	Operational Adjustment
Set gain to 180. PJT			
3571	08/12/2010 06:11:07	Multibeam	Operational Adjustment
Set Force Depth to 2400m. PJT			
3572	08/12/2010 06:17:10	Multibeam	Operational Adjustment
Set Force Depth to 2500m. PJT			
3573	08/12/2010 07:04:47	all	Watch stander change
Danforth on watch, Stevenson helping Brien E with sampling.			
3574	08/12/2010 07:05:26	all	Event
On line from waypoint 4 to waypoint 5, obtaining chirp and multibeam for next sample site.			
3575	08/12/2010 07:11:20	all	Event
Just passed waypoint 5.			
3576	08/12/2010 07:59:38	all	Event
Heading south to pick up core location 720_17 -Bill			
3577	08/12/2010 08:44:05	all	Event
Running waypoint 5 to 6 over core station 720_17 -Bill			
3578	08/12/2010 09:21:44	Multibeam	Event
EM122 hasn't been able to track bottom for the last 10 minutes or so. Maybe the sea state? Bubbles under the ducer?? Density layer at depth? -Bill			
3579	08/12/2010 09:36:49	all	Event
Coming back around to station 720_17, gearing up for the core. -Bill			
3580	08/12/2010 10:17:17	Other	Event
On station for core location 720_17. Aft conn gave permission to begin deployment of the core rig.			
3581	08/12/2010 10:48:01	all	Event
Piston core is in the water, on the way down. -Bill			
3582	08/12/2010 11:20:14	all	Event
Core rig on bottom, recovering now.			
3583	08/12/2010 12:52:48	all	Event
Finished with coring ops, heading to drop 2 CTD casts. -Bill			
3584	08/12/2010 13:16:39	CTD	Event

Coming onto CTD station.

3585	08/12/2010 14:39:12	CTD	Event
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CTD is in the water.

3586	08/12/2010 14:58:16	all	Watch stander change
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TFO got the watch.

3587	08/12/2010 16:10:55	CTD	Event
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CTD is on the deck.

We are going to reposition the ship back to original CTD site and gather another CTD.

TFO

3588	08/12/2010 16:47:58	CTD	Event
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Second CTD station is in the water.

TFO

3589	08/12/2010 17:51:05	Multibeam	Operational Adjustment
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New SSP using HLY1002 CTD 002.

-Steve

3590	08/12/2010 18:16:39	CTD	Event
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Finished with CTD 003. Will start MB lines.
Tom B.

3591	08/12/2010 18:22:12	all	Event
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Currently headed to north east to intersect the next multibeam line which trends NW.

TFO

3592	08/12/2010 18:31:57	Multibeam	Comment
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Turning left to get on line.

TFO

3593	08/12/2010 18:33:06	Subbottom Profiler	Operational Adjustment
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Sync Knudsen time.

George Bush

3594	08/12/2010 18:35:44	Multibeam	Comment
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On line @ 10 Knots.

-Superman

3595	08/12/2010 18:46:39	Multibeam	Operational Adjustment
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Max depth to 3000 meters from 2000 meters.

Batman

3596	08/12/2010 19:12:18	all	Comment
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Making right turn to next line.

BE

3597	08/12/2010 19:19:34	Subbottom Profiler	Operational Adjustment
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Changed Power level from 3 to 4 for deeper water.
Tom B

3598	08/12/2010 19:20:55	Subbottom Profiler	Operational Adjustment
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Knudsen time sync.

OPS

3599	08/12/2010 20:01:38	all	Comment
Turning right onto new line. Speed = 9 knots. TFO			
3600	08/12/2010 20:37:24	Subbottom Profiler	Operational Adjustment
Knudsen time sync.			
3601	08/12/2010 20:45:45	Multibeam	Problem
On multibeam text display, AttVel entry's red on and off for a short period. TFO			
3602	08/12/2010 21:31:06	all	Comment
Making right turn to next line. Tfo			
3603	08/12/2010 22:50:15	Subbottom Profiler	Operational Adjustment
Knudsen time sync.			
3604	08/12/2010 23:01:28	all	Watch stander change
Helen G. and Peter T. on duty. PJT			
3605	08/12/2010 23:02:45	Multibeam	Operational Adjustment
Set Force Depth to 1500m. PJT			
3606	08/12/2010 23:07:30	Multibeam	Operational Adjustment
Set Force Depth to 1600m. PJT			
3607	08/12/2010 23:28:57	Multibeam	Operational Adjustment
Set Force Depth to 1300m. PJT			
3608	08/12/2010 23:50:26	Multibeam	Operational Adjustment
Set Max. Angle for port and starboard to 75 degrees. Set the Ping Mode to AUTO. Did this because we are in shallow, variable depth waters. PJT			
3609	08/12/2010 23:59:34	Multibeam	Operational Adjustment
Set Force Depth to 800m. PJT			
3610	08/13/2010 00:00:46	Subbottom Profiler	Operational Adjustment
Set gain to 150. PJT			
3611	08/13/2010 00:10:32	Multibeam	Operational Adjustment
Set Force Depth to 1100m. PJT			
3612	08/13/2010 00:12:29	Multibeam	Operational Adjustment
Set Force Depth to 1300m. PJT			
3613	08/13/2010 00:13:28	Subbottom Profiler	Operational Adjustment
Knudsen time sync. PJT			
3614	08/13/2010 00:14:36	Subbottom Profiler	Operational Adjustment
Set gain to 170. PJT			
3615	08/13/2010 00:21:27	Multibeam	Operational Adjustment
Set Force Depth to 1500m. PJT			
3616	08/13/2010 00:29:53	Multibeam	Operational Adjustment
Set Force Depth to 1700m. PJT			
3617	08/13/2010 01:13:25	Multibeam	Operational Adjustment
Set Force Depth to 2200m. PJT			

3618	08/13/2010 02:20:20	Multibeam	Operational Adjustment
Set Force Depth to 2500m. PJT			
3619	08/13/2010 02:39:17	Multibeam	Operational Adjustment
Set Force Depth to 2100m. PJT			
3620	08/13/2010 02:41:15	Subbottom Profiler	Operational Adjustment
Knudsen time sync. PJT			
3621	08/13/2010 02:53:31	all	Watch stander change
CS on Watch w/ PT; HG off.			
3622	08/13/2010 03:11:16	Subbottom Profiler	Operational Adjustment
Set gain to 180 and caught the Russians looking. Sarah Palin			
3623	08/13/2010 04:11:06	Multibeam	Operational Adjustment
Set Force Depth to 1800m. PJT			
3624	08/13/2010 04:39:48	Subbottom Profiler	Operational Adjustment
Set gain to 170. PJT			
3625	08/13/2010 04:45:35	Multibeam	Operational Adjustment
Changed force depth to 2000 m. CS			
3626	08/13/2010 04:50:43	Subbottom Profiler	Operational Adjustment
Set gain to 175. PJT			
3627	08/13/2010 04:57:22	Multibeam	Operational Adjustment
Set Force Depth to 2300m. PJT			
3628	08/13/2010 05:21:01	Multibeam	Event
(PU Sensor) Position input is missing during logging (1810) error. PJT			
3629	08/13/2010 05:58:55	Multibeam	Operational Adjustment
Set Force Depth to 2600m. PJT			
3630	08/13/2010 05:59:55	XBT	Event
XBT goin gover the side. PJT			
3631	08/13/2010 06:13:35	XBT	Event
Just finished XBT with serial number 01053539. PJT			
3632	08/13/2010 06:37:33	Multibeam	Operational Adjustment
Steve entered new sound speed profile based on hly1002_T7_00088.asvp			
3633	08/13/2010 06:56:43	all	Watch stander change
Danforth and Stevenson on watch			
3634	08/13/2010 13:35:35	Subbottom Profiler	Operational Adjustment
Gain up to 200			
3635	08/13/2010 14:11:52	all	Event
Pulled in front of the Louis!! Now riding gauntlet for her, pushing ice...			
3636	08/13/2010 14:52:07	all	Watch stander change
TFO and BE on watch			
3637	08/13/2010 17:11:16	Subbottom Profiler	Operational Adjustment
Knudsen time sync.			
3638	08/13/2010 17:56:47	Other	Event

Healy is swinging west in order to deploy a NIC surface buoy and to ensure it does not get tangled up in Louis's gear.

TFO

3639	08/13/2010 18:10:46	Other	Event
Two NIC Drifting Buoys that measure position, temperature, and Sea level pressure, Buoy Serial numbers are 83378 and 98989 were just deployed.			
P			
3640	08/13/2010 18:15:38	all	Event
Healy swinging right to return to line.			
BE			
3641	08/13/2010 18:22:29	Subbottom Profiler	Operational Adjustment
Knudsen time sync.			
3642	08/13/2010 22:23:33	all	Event
Louis S. St. Laurent reports loss of seismic streamer. Anticipate ~2 hours of repair / replacement.			
Bill S.			
3643	08/13/2010 22:58:04	Other	Watch stander change
Peter T. and Helen G. now on watch.			
HG			
3644	08/13/2010 23:28:06	Subbottom Profiler	Operational Adjustment
Set range to 200. Set gain to 195. PJT			
3645	08/13/2010 23:40:54	CTD	Event
CTD being deployed. PJT			
3646	08/14/2010 00:44:40	CTD	Event
CTD COMPLETED AND ONBOARD.			
DS			
3647	08/14/2010 00:50:13	Subbottom Profiler	Operational Adjustment
Reduced gain to 175.			
HG			
3648	08/14/2010 01:30:56	Multibeam	Operational Adjustment
Steve changed the sound speed profile to hly1002_ctd004.asvp			
PJT			
3649	08/14/2010 01:46:27	Other	Comment
Gravity: Healy is breaking for the Louis. Hitting thin ice flows. Speed 2.6 knots. PJT			
3650	08/14/2010 02:59:14	Other	Comment
Gravity: Healy breaking for Louis. Light, sporadic ice. Heavy fog. Going 4 knots. PJT			
3651	08/14/2010 03:02:24	all	Watch stander change
CS on watch; HG off.			
3652	08/14/2010 03:19:44	Other	Comment
Gravity: Entering small ice flow, loose pack. Speed is 4 knots. PJT			
3653	08/14/2010 04:06:18	Other	Comment
Gravity: Ice thickness is increasing. Speed is 4 knots. PJT			
3654	08/14/2010 04:56:34	Subbottom Profiler	Operational Adjustment
In ice - turned AutoPhase off. Set Phase at 37.			
CS			

3655	08/14/2010 05:04:04	Other	Comment
Gravity: Hit open water. Going 4 knots. PJT			
3656	08/14/2010 05:08:24	Other	Comment
Gravity: Entering ice again. 5/10's coverage. Speed 4 knots. PJT			
3657	08/14/2010 05:20:02	Multibeam	Operational Adjustment
Set Force Depth to 3600m. PJT			
3658	08/14/2010 05:24:14	Other	Comment
Gravity: Broke out of the ice. Speed 4 knots. PJT			
3659	08/14/2010 05:44:47	Other	Comment
Gravity: Entering sporadic ice. Speed is 4 knots. PJT			
3660	08/14/2010 06:19:27	Other	Comment
Gravity: Healy still breaking for Louis. Entering band of ice. Speed 4 knots. PJT			
3661	08/14/2010 07:20:07	all	Watch stander change
Danforth and Stevenson on watch			
3662	08/14/2010 10:23:04	all	Event
heading into some heavy ice. Diverting left to try and avoid pressure ridges ahead.			
3663	08/14/2010 11:57:03	all	Event
Sitting still here while Louis does repairs to the streamer.			
3664	08/14/2010 12:20:23	all	Event
Louis has recovered the streamer and is getting ready to deploy a spare.			
3665	08/14/2010 14:00:41	all	Event
Louis back on line, proceeding North			
3666	08/14/2010 14:55:49	all	Watch stander change
TFO and BE got the watch.			
3667	08/14/2010 15:25:53	Subbottom Profiler	Operational Adjustment
Knudsen time sync			
3668	08/14/2010 16:00:05	Multibeam	Problem
Multibeam text display Date, ZDA Time and PU time flashing red for several moments. BE			
3669	08/14/2010 17:03:44	Subbottom Profiler	Operational Adjustment
Knudsen time sync			
3670	08/14/2010 17:44:44	Multibeam	Comment
On the multibeam text display, the three AttVel entries turned red for several moments. Tom B			
3671	08/14/2010 18:28:14	Subbottom Profiler	Operational Adjustment
Knudsen time sync. Bill Schwab			
3672	08/14/2010 19:11:44	all	Watch stander change
Bill S. on watch, Brian E. off			
3673	08/14/2010 20:55:04	all	Event
The sun is shining.			

3674	08/14/2010 21:10:44	XBT	Event
<p>XBT T7 Serial number 01053545 completed. File name T7-00090 Sequence #90.</p> <p>Flunton number 012312 Glifnotang tag ID = re-trf-457-99-G0.</p> <p>BE</p>			
3675	08/14/2010 21:23:59	all	Event
<p>Healy end of line.</p>			
3676	08/14/2010 21:51:26	Subbottom Profiler	Operational Adjustment
<p>Knudsen Chirp = 24 ms</p> <p>Knudsen time sync</p>			
3677	08/14/2010 21:54:00	all	Event
<p>Healy and Louis are turning left to get on the south westerly line.</p>			
3678	08/14/2010 22:12:14	all	Event
<p>Healy on line.</p> <p>TFO</p>			
3679	08/14/2010 22:57:08	all	Watch stander change
<p>Peter T. and Helen G. on watch. PJT</p>			
3680	08/14/2010 22:57:49	Multibeam	Operational Adjustment
<p>Set Force Depth to 3700m. PJT</p>			
3681	08/14/2010 23:00:18	Other	Comment
<p>Gravity: Healy breaking for the Louis. In ice flow of medium thickness. Speed 2.5 knots. PJT</p>			
3682	08/14/2010 23:15:43	Other	Comment
<p>Hitting fairly tough ice just now. Ice concentration about 6/10ths open drift. HG and PJT</p>			
3683	08/15/2010 00:06:39	Other	Comment
<p>More open water now. 2-3 tenths very open drift. HG</p>			
3684	08/15/2010 00:08:14	Other	Comment
<p>Back into heavier ice, 7-8 tenths close pack to 5-6 tenths open drift.. HG</p>			
3685	08/15/2010 00:16:21	Other	Comment
<p>In some tough ice just now. Lost "the beam." Mostly 7-8 tenths close pack.</p>			
3686	08/15/2010 00:38:43	Multibeam	Operational Adjustment
<p>Steve set Max. Angle for port and starboard to 54 degrees. Set Angular Coverage to MANUAL. PJT</p>			
3687	08/15/2010 00:40:21	Other	Comment
<p>Gravity: Out of ice. Less than 1/10. Open water. Going 3.5 knots. PJT</p>			
3688	08/15/2010 01:52:43	Other	Comment
<p>Gravity: Hit pretty big ice flow. 7 to 8 tenths. Speed 5 knots. PJT</p>			
3689	08/15/2010 02:53:29	all	Watch stander change
<p>CS on watch/HG off.</p>			
3690	08/15/2010 02:56:20	Other	Comment
<p>Gravity: Ice thinned out. About 1 tenth. Speed is 4 knots. PJT</p>			
3691	08/15/2010 03:10:56	Subbottom Profiler	Operational Adjustment

Knudsen time sync. PJT			
3692	08/15/2010 03:35:54	Other	Comment
Gravity: Back in a small flow (4 tenths) of ice. Speed is 4 knots. Still breaking for Louis. PJT			
3693	08/15/2010 04:11:11	Other	Comment
Gravity: Hit large ice flow (8 tenths). Speed 2.5 knots. Breaking for Louis. PJT			
3694	08/15/2010 04:38:18	Other	Comment
Gravity: Ice thinned out (5 tenths). Speed 3.5 knots. PJT			
3695	08/15/2010 04:50:19	Other	Comment
Gravity: Into thin ice (1 tenth). Speed is 3 knots. Louis still following. PJT			
3696	08/15/2010 04:55:12	Subbottom Profiler	Operational Adjustment
Knudsen time sync. PJT			
3697	08/15/2010 04:56:02	Other	Comment
Gravity: Ice at about 4 tenths. Speed 4 knots. PJT			
3698	08/15/2010 05:38:58	Other	Comment
Gravity: Ice got a little thicker (5 tenths). Speed 3.7 knots. PJT			
3699	08/15/2010 06:14:06	Other	Comment
Gravity: Thinner ice (3 tenths). Speed 3.8 knots. PJT			
3700	08/15/2010 06:18:43	Other	Problem
Position light red on POSMV2 for several minutes. Back to green now. CS			
3701	08/15/2010 06:42:03	Other	Comment
Gravity: Thicker ice (5 tenths). Speed 3 knots. Healy breaking for Louis. PJT			
3702	08/15/2010 07:17:17	all	Event
Danforth Stevenson on watch			
3703	08/15/2010 07:37:01	Multibeam	Operational Adjustment
Changed ping mode from very deep to deep. Ice is beginning to thin out as we head further southwest. -Bill			
3704	08/15/2010 14:56:04	all	Watch stander change
TFO an BE are on.			
3705	08/15/2010 15:10:39	Subbottom Profiler	Operational Adjustment
Knudsen time sync			
3706	08/15/2010 16:53:51	Subbottom Profiler	Operational Adjustment
Knudsen time sync			
3707	08/15/2010 17:11:46	Multibeam	Comment
EM-122 stopped transmitting for several minutes. Back on line.			
3708	08/15/2010 17:40:09	all	Event
Ice conditions opening. Captains have chatted and LSSL no longer requires escort. We will continue along line and increase speed to 10 kts or best speed on one engine given conditions. When we reach EOL, we will reevaluate transit to Barrow depending on status of the arrival of personnel and fuel filters. be			
3709	08/15/2010 18:04:01	all	Comment

Healy is left of line for no good excuse!!

TFO

3710	08/15/2010 18:12:41	all	Comment
Bridge called down and said they were going to swing left to avoid some ice then will return to the planned track line.			
Elvis			
3711	08/15/2010 18:18:36	XBT	Event
MST just notified us that the has been completed.			
More later.			
XBT date file name = T7_00091			
Sequence # 91			
XBT SN = 01053540			
BB King			
3712	08/15/2010 18:24:00	Subbottom Profiler	Operational Adjustment
Knudsen time sync			
3713	08/15/2010 18:44:13	XBT	Event
NEW XBT FILE PUT IN SIS			
DS			
3714	08/15/2010 19:02:50	all	Watch stander change
Bill S. on watch, Brian E. off			
3715	08/15/2010 19:07:46	Multibeam	Operational Adjustment
Speeded up to 10 knots about an hour ago.			
DS			
3716	08/15/2010 19:10:58	Multibeam	Comment
SVP PROFILE GONE RED.			
DS			
3717	08/15/2010 19:51:18	Subbottom Profiler	Operational Adjustment
Knudsen time sync.			
3718	08/15/2010 21:32:36	XBT	Event
XBT T7-00092 just completed. Serial number 01053541.			
Water depth 3721			
Elvis			
3719	08/15/2010 22:00:12	Subbottom Profiler	Operational Adjustment
Knudsen time sync			
3720	08/15/2010 22:58:06	all	Watch stander change
Peter T. and Helen G. on watch. PJT			
3721	08/15/2010 22:59:42	Multibeam	Operational Adjustment
Set Ping Mode to AUTO. Set Max. Angle on the port and starboard side to 75 degrees. Set Force Depth to 3400m. PJT			
3722	08/15/2010 23:47:27	Subbottom Profiler	Operational Adjustment
Set Range to 500 and turned AutoPhase on. PJT			
3723	08/15/2010 23:47:55	Multibeam	Operational Adjustment
PU Sensor error (1810). PJT			

3724	08/15/2010 23:50:18	Multibeam	Operational Adjustment
Set Force Depth to 3100m. PJT			
3725	08/16/2010 00:18:46	Multibeam	Operational Adjustment
Steve changed sound speed profile to hly1002_T7_00084.asvp HG			
3726	08/16/2010 00:36:44	Other	Comment
Gravity: No ice. Speed 12 knots. PJT			
3727	08/16/2010 00:50:27	Multibeam	Operational Adjustment
Set Min. Depth to 2000m, Max. Depth to 3000m and Force Depth to 2500m. PJT			
3728	08/16/2010 00:51:08	Subbottom Profiler	Operational Adjustment
Knudsen time sync. PJT			
3729	08/16/2010 01:45:10	Multibeam	Operational Adjustment
Set Force Depth to 2300m. PJT			
3730	08/16/2010 01:59:38	Multibeam	Operational Adjustment
Set Min. Depth to 1000m and Force Depth to 2200m. PJT			
3731	08/16/2010 02:01:05	Subbottom Profiler	Operational Adjustment
Set Min. Depth to 1000m and Max. Depth to 3000m. PJT			
3732	08/16/2010 02:17:07	Multibeam	Operational Adjustment
Set Force Depth to 2000m. PJT			
3733	08/16/2010 02:35:03	Multibeam	Operational Adjustment
Set Force Depth to 1700m. PJT			
3734	08/16/2010 02:44:30	Other	Comment
Gravity: No ice. Speed 12.5 knots. Healy alone. PJT			
3735	08/16/2010 03:19:55	Multibeam	Operational Adjustment
Set Min. Depth to 500m and Max. Depth to 1500m. Set Force Depth to 1200m. PJT			
3736	08/16/2010 03:21:43	Subbottom Profiler	Operational Adjustment
Set Min. Depth to 500 and Max. Depth to 1400m. PJT			
3737	08/16/2010 03:23:15	all	Watch stander change
HG off watch/CS on watch.			
3738	08/16/2010 03:30:22	Subbottom Profiler	Operational Adjustment
Set Max. Depth to 1600m. PJT			
3739	08/16/2010 03:35:32	Subbottom Profiler	Operational Adjustment
Set the Pulse Type to 12 ms chirp. PJT			
3740	08/16/2010 04:05:25	Multibeam	Operational Adjustment
Changed min depth to 100 m since we're in open water. CS			
3741	08/16/2010 04:20:12	Subbottom Profiler	Operational Adjustment
Changed pulse to 6 ms and dropped gain to 140. CS			
3742	08/16/2010 04:30:47	Subbottom Profiler	Operational Adjustment
Changed gain to 100 and power to 3. Decreased range to 200. CS			
3743	08/16/2010 04:32:31	Subbottom Profiler	Operational Adjustment
Dropped gain again to 80. CS			

3744	08/16/2010 04:38:43	Multibeam	Operational Adjustment
Steve changed min depth to 50 m and force depth to 200 m. CS			
3745	08/16/2010 05:14:33	Subbottom Profiler	Operational Adjustment
Changed pulse to 3 ms chirp. Changed min depth to 50 m and range to 100. CS			
3746	08/16/2010 05:19:18	Subbottom Profiler	Operational Adjustment
Decreased power to 2 and gain to 70. CS			
3747	08/16/2010 05:46:17	Subbottom Profiler	Operational Adjustment
Changed gain to 60. CS			
3748	08/16/2010 05:53:31	Multibeam	Operational Adjustment
Set Min. Depth to 20m. PJT			
3749	08/16/2010 06:06:59	Subbottom Profiler	Operational Adjustment
Changed min depth to 20 m and set range at 50 m. CS			
3750	08/16/2010 06:18:20	Subbottom Profiler	Operational Adjustment
Changed gain to 50. CS			
3751	08/16/2010 06:42:07	Multibeam	Operational Adjustment
Set Force Depth to 60m. PJT			
3752	08/16/2010 07:28:58	Subbottom Profiler	Operational Adjustment
Gain to 87, 3 ms pulse. Power at 2			
3753	08/16/2010 08:09:11	Multibeam	Operational Adjustment
New SSP from XBT 93 HLY1002_xbt93.asvp Tom B			
3754	08/16/2010 08:46:35	Subbottom Profiler	Operational Adjustment
Turned off auto phase, set phase to 8 (175-225 m). 50 meter window			
3755	08/16/2010 08:51:32	Subbottom Profiler	Operational Adjustment
Gain to 110, contrast to 0, on shelf			
3756	08/16/2010 08:55:19	Subbottom Profiler	Operational Adjustment
Phase to 7			
3757	08/16/2010 09:28:11	Subbottom Profiler	Operational Adjustment
Gain to 100			
3758	08/16/2010 10:01:58	Multibeam	Operational Adjustment
Turned off dual ping mode here on the shelf. Going slow (~4-5 knots) so we're getting plenty of coverage along track. Keep the file sizes down as well. -Bill			
3759	08/16/2010 10:06:18	Subbottom Profiler	Operational Adjustment
Phase to 6 (125-175)			
3760	08/16/2010 11:40:52	Subbottom Profiler	Operational Adjustment
Phase to 5 (100-150)			
3761	08/16/2010 11:47:24	Subbottom Profiler	Operational Adjustment
WP - gain to 120			
3762	08/16/2010 11:59:54	Subbottom Profiler	Operational Adjustment
Phase to 6 (125-175)			
3763	08/16/2010 14:16:13	Subbottom Profiler	Operational Adjustment
Phase to 5 (100-150)			

3764	08/16/2010 14:52:59	all	Watch stander change
TFO and BE on watch. TFO			
3765	08/16/2010 16:57:44	all	Comment
Email from Louis confirms broken compressor. Hope to have repaired in 2 - 3 hours. We are currently headed south to Barrow to pickup Canadian engineer and fuel filter for Louis. BE			
3766	08/16/2010 18:21:12	Subbottom Profiler	Operational Adjustment
Knudsen time sync.			
3767	08/16/2010 19:18:48	all	Watch stander change
Bill S. on, Brian E. off			
3768	08/16/2010 19:21:21	all	Event
Standing NW off Barrow ~ 3 nm waiting for replacement Louis crew member. Arctic Service Boat away for retrieval. Bill S.			
3769	08/16/2010 21:25:42	all	Event
Turned back to NE to recover Arctic Service Boat off Barrow. Louis crewman reportedly on board. Bill S.			
3770	08/16/2010 22:16:03	all	Comment
Recovered landing craft and Canadian CC engineer. Steaming east to survey potential core sites. Then return to pick up fuel filters (hopefully) for Louis.			
3771	08/16/2010 22:23:32	Subbottom Profiler	Operational Adjustment
Knudsen = 100 meter range.			
3772	08/16/2010 23:02:16	all	Watch stander change
Helen G. and Peter T. on watch.			
3773	08/16/2010 23:03:45	Subbottom Profiler	Operational Adjustment
Knudsen time sync. PJT			
3774	08/16/2010 23:19:44	XBT	Event
Marshal just brought in the XBT printout, serial # 01053518. HG			
3775	08/16/2010 23:22:28	Multibeam	Problem
PU Sensor error (1810). Clicked OK. PJT			
3776	08/16/2010 23:28:03	Subbottom Profiler	Operational Adjustment
Set gain to 110. PJT			
3777	08/16/2010 23:34:12	Multibeam	Operational Adjustment
Steve changed sound speed profile to hly1002_17_00094.asvp HG			
3778	08/17/2010 00:01:48	Subbottom Profiler	Operational Adjustment
Raised gain to 120. HG			
3779	08/17/2010 00:13:41	Subbottom Profiler	Event
We are running north-south Knudsen line across Barrow Canyon, looking for Houseknecht coring sites. HG			
3780	08/17/2010 00:44:35	Multibeam	Operational Adjustment
Set Force Depth to 200m. PJT			
3781	08/17/2010 00:58:24	Other	Problem

Ashtech stopped logging. PJT

3782	08/17/2010 02:16:56	Subbottom Profiler	Operational Adjustment
Changed Gain to 110. HG			
3783	08/17/2010 02:55:36	all	Watch stander change
HG off watch; CS joins PJT.			
3784	08/17/2010 03:10:38	Subbottom Profiler	Operational Adjustment
Set gain to 100. PJT			
3785	08/17/2010 03:12:06	Subbottom Profiler	Problem
Since Ashtech went down Knudsen lost GPS coordinates. PJT			
3786	08/17/2010 03:12:51	Multibeam	Operational Adjustment
Set Force Depth to 60m. PJT			
3787	08/17/2010 03:17:26	Subbottom Profiler	Operational Adjustment
Set Range to 50 and Phase to 3. PJT			
3788	08/17/2010 03:33:04	Subbottom Profiler	Operational Adjustment
Set gain to 90. PJT			
3789	08/17/2010 03:40:22	Subbottom Profiler	Operational Adjustment
Set gain to 80. PJT			
3790	08/17/2010 05:01:04	Subbottom Profiler	Operational Adjustment
Changed phase to 4. (Leaving Barrow.) CS			
3791	08/17/2010 05:05:29	Subbottom Profiler	Operational Adjustment
Changed phase to 5 (100-150m) Knudsen Time Sync CS			
3792	08/17/2010 05:10:03	Subbottom Profiler	Operational Adjustment
Phase to 6 (125-175 m) CS			
3793	08/17/2010 05:20:55	Multibeam	Operational Adjustment
Set Force Depth to 150m. PJT			
3794	08/17/2010 05:23:00	Subbottom Profiler	Operational Adjustment
Gain to 100. cs			
3795	08/17/2010 05:42:00	Subbottom Profiler	Operational Adjustment
Changed phase to 5 (100-150m) CS			
3796	08/17/2010 05:49:15	Subbottom Profiler	Operational Adjustment
Phase to 4 (75-125 m) CS			
3797	08/17/2010 06:02:12	Subbottom Profiler	Operational Adjustment
Gain to 110. cs			
3798	08/17/2010 06:34:31	Multibeam	Operational Adjustment
Steve changed sound speed profile to previous profile hly1002_t7_00093.asvp CS			
3799	08/17/2010 06:50:03	all	Watch stander change
Danforth stevenson on watch			
3800	08/17/2010 07:23:08	Subbottom Profiler	Operational Adjustment
Phase to 5 (100-150)			

3801	08/17/2010 07:30:52	Subbottom Profiler	Operational Adjustment
Phase to 6 (125-175)			
3802	08/17/2010 07:39:30	Subbottom Profiler	Operational Adjustment
Phase to 7 (150-200)			
3803	08/17/2010 07:47:23	Subbottom Profiler	Operational Adjustment
Phase to 8 (175-225)			
3804	08/17/2010 07:57:44	Subbottom Profiler	Operational Adjustment
Phase to 9 (200-250)			
3805	08/17/2010 08:03:16	Subbottom Profiler	Operational Adjustment
Range to 100, power to 3, gain to 130, phase to 5 (200-300)			
3806	08/17/2010 08:12:10	Subbottom Profiler	Operational Adjustment
Phase to 6 (250-300)			
3807	08/17/2010 08:27:40	Subbottom Profiler	Operational Adjustment
Phase to 7 (300-400)			
3808	08/17/2010 08:38:13	Subbottom Profiler	Operational Adjustment
Phase to 8 (350-450)			
3809	08/17/2010 08:48:33	Subbottom Profiler	Operational Adjustment
Phase to 9 (400 - 450)			
3810	08/17/2010 08:56:26	Subbottom Profiler	Operational Adjustment
Phase to 11 (450-500)			
3811	08/17/2010 08:58:58	Subbottom Profiler	Operational Adjustment
Range to 200, phase to 6 (500-700)			
3812	08/17/2010 09:01:15	Subbottom Profiler	Operational Adjustment
Phase to 8 (700-900)			
3813	08/17/2010 09:02:48	Subbottom Profiler	Operational Adjustment
Power to 4, gain to 180, phase to 9 (800-1000)			
3814	08/17/2010 09:05:18	Subbottom Profiler	Operational Adjustment
Phase to 10 (900-1100)			
3815	08/17/2010 09:08:30	Subbottom Profiler	Operational Adjustment
Phase to 11 (1000-1200)			
3816	08/17/2010 09:09:40	Subbottom Profiler	Operational Adjustment
Phase to 12 (1100-1300)			
3817	08/17/2010 09:11:09	Subbottom Profiler	Operational Adjustment
Phase to 13 (1200-1400)			
3818	08/17/2010 09:12:16	Multibeam	Operational Adjustment
Entered sound speed profile hly1002_T7_00092.asvp			
3819	08/17/2010 09:13:07	Subbottom Profiler	Operational Adjustment
Phase to 14 (1300-1500)			
3820	08/17/2010 09:23:07	Subbottom Profiler	Operational Adjustment
Phase to 15 (1400-1600), gain to 160			
3821	08/17/2010 09:33:05	Multibeam	Operational Adjustment

Set the dual swath mode to dynamic. In deeper water, ping rate slowed. Also increased the across max and across min in the seabed image window to 4000 & -4000 bwd

3822	08/17/2010 09:34:10	Subbottom Profiler	Operational Adjustment
Phase to 14 (1300-1500)			
3823	08/17/2010 09:39:57	Subbottom Profiler	Operational Adjustment
Phase to 13 (1200-1400), gain to 210			
3824	08/17/2010 09:45:18	Subbottom Profiler	Operational Adjustment
Phase to 12 (1100-1300)			
3825	08/17/2010 09:46:58	Subbottom Profiler	Operational Adjustment
Phase to 13 (1200-1400)			
3826	08/17/2010 09:50:49	Subbottom Profiler	Operational Adjustment
Phase to 14 (1300-1500)			
3827	08/17/2010 09:53:40	Subbottom Profiler	Operational Adjustment
Phase change 15 (1400-1600)			
3828	08/17/2010 09:55:01	Subbottom Profiler	Operational Adjustment
phase to 16 (1500-1700)			
3829	08/17/2010 09:57:38	Subbottom Profiler	Operational Adjustment
phase to 17 (1600-1800)			
3830	08/17/2010 10:01:04	Subbottom Profiler	Operational Adjustment
phase to 18 (1700-1900)			
3831	08/17/2010 10:08:38	Subbottom Profiler	Operational Adjustment
Phase 19 (1800-2000) gain to 190			
3832	08/17/2010 10:28:50	Subbottom Profiler	Operational Adjustment
Phase to 20 (1900-2100)			
3833	08/17/2010 10:30:51	Subbottom Profiler	Operational Adjustment
Phase to 19 (1800-2000)			
3834	08/17/2010 10:44:05	Subbottom Profiler	Operational Adjustment
Phase to 18 (1700-1900)			
3835	08/17/2010 10:46:21	Subbottom Profiler	Operational Adjustment
Phase to 19 (1800-2000)			
3836	08/17/2010 10:56:37	Subbottom Profiler	Operational Adjustment
Phase to 20 (1900-2100)			
3837	08/17/2010 11:01:24	Subbottom Profiler	Operational Adjustment
Phase to 21 (2000-2200)			
3838	08/17/2010 11:07:45	Subbottom Profiler	Operational Adjustment
Phase to 22 (2100-2300)			
3839	08/17/2010 11:17:29	Subbottom Profiler	Operational Adjustment
Phase to 23 (2200-2400)			
3840	08/17/2010 11:24:03	Subbottom Profiler	Operational Adjustment
Phase to 24 (2300-2500)			
3841	08/17/2010 11:29:14	Subbottom Profiler	Operational Adjustment

Phase to 25 (2400-2600)			
3842	08/17/2010 11:33:01	Subbottom Profiler	Operational Adjustment
Phase to 26 (2500-2700)			
3843	08/17/2010 11:36:35	Subbottom Profiler	Operational Adjustment
Phase to 27 (2600-2800)			
3844	08/17/2010 11:49:16	Subbottom Profiler	Operational Adjustment
Phase to 28 (2700-2900m)			
3845	08/17/2010 11:57:35	Subbottom Profiler	Operational Adjustment
Phase to 29 (2800-3000)			
3846	08/17/2010 12:03:29	Subbottom Profiler	Operational Adjustment
Phase 30 (2900-3100)			
3847	08/17/2010 12:05:33	Subbottom Profiler	Operational Adjustment
Gain to 220			
3848	08/17/2010 12:15:25	Subbottom Profiler	Operational Adjustment
Phase to 31 (3000-3200)			
3849	08/17/2010 12:30:36	Subbottom Profiler	Operational Adjustment
Phase to 32 (3100-3300)			
3850	08/17/2010 12:37:46	Subbottom Profiler	Operational Adjustment
Phase to 33 (3200-3400)			
3851	08/17/2010 12:42:27	Multibeam	Operational Adjustment
Switched to SVP profile hly1002_T7_00091.asvp -Bill			
3852	08/17/2010 12:56:03	Subbottom Profiler	Operational Adjustment
Phase to 34 (3300-3500)			
3853	08/17/2010 13:11:12	Subbottom Profiler	Operational Adjustment
Phase to 35 (3400-3600)			
3854	08/17/2010 13:27:57	Subbottom Profiler	Operational Adjustment
Phase to 36 (3500-3700)			
3855	08/17/2010 13:34:53	Subbottom Profiler	Operational Adjustment
Phase to 37 (3600-3800)			
3856	08/17/2010 13:46:46	Subbottom Profiler	Operational Adjustment
Range to 100, autophase on			
3857	08/17/2010 14:53:29	Multibeam	Problem
Multibeam lost nav momentarily			
3858	08/17/2010 14:54:17	all	Watch stander change
BE and TFO got the watch			
TFO			
3859	08/17/2010 14:56:59	Subbottom Profiler	Operational Adjustment
Knudsen range to 500 meters Knudsen time sync. 3750 -> 4250 meters			
3860	08/17/2010 15:01:16	Subbottom Profiler	Operational Adjustment

Change scale to Range 200 (3800 to 4000)

3861	08/17/2010 15:05:32	Subbottom Profiler	Operational Adjustment
Knudsen to 100 meter range. BE			
3862	08/17/2010 16:54:32	XBT	Event
XBT SN 1053519 just completed. File Name T7_00095			
3863	08/17/2010 17:05:19	Multibeam	Operational Adjustment
New SSP form XBT 95 HLY1002_xbt95.asvp Tom B			
3864	08/17/2010 18:06:42	all	Event
Healy maneuvering to port to overtake LSSL. SOG approx 16 kts			
3865	08/17/2010 18:29:20	Multibeam	Operational Adjustment
Looked like previous xbt had incorrect salinity corrections applied. Reloaded a new SSP for T7_00095. -Steve			
3866	08/17/2010 18:36:37	Subbottom Profiler	Operational Adjustment
Noticed that Knudsen was set to 3ms pulse. Changed to 24 and power 4. Range to 200. -Steve			
3867	08/17/2010 18:44:20	all	Event
Louis and Healy just entering the loose ice front. TFO			
3868	08/17/2010 18:51:04	Subbottom Profiler	Event
Knudsen range = 500 meters auto-phase off. 3500 -> 4000 meters BE			
3869	08/17/2010 19:22:37	all	Watch stander change
Bill S. on @ noon. Brian E. off watch.			
3870	08/17/2010 19:38:47	Multibeam	Operational Adjustment
Modified SSP using XBT T7_00095 to use 1432 for the surface. -Steve			
3871	08/17/2010 19:57:16	Subbottom Profiler	Operational Adjustment
Knudsen to 200 meter range, auto phase 3800 -> 4000 meters. Elvis			
3872	08/17/2010 20:00:36	Multibeam	Comment
Multibeam AttVel text entries red for several moments.			
3873	08/17/2010 20:25:57	all	Event
Healy stopping for flight ops. Transferring an Engineer and ships parts from Healy to Louis.			
3874	08/17/2010 20:44:30	all	Comment
Helicopter departing Healy. TFO			
3875	08/17/2010 20:59:21	Subbottom Profiler	Operational Adjustment

Knudsen = 100 Meter range

Elvis

3876	08/17/2010 21:55:24	Multibeam	Operational Adjustment
Changed ping mode to very deep. Changed angular coverage mode to manual. Max angle to 55°. Bill S. for Steve			
3877	08/17/2010 23:10:49	all	Watch stander change
Helen G and Peter T. on watch. PJT			
3878	08/17/2010 23:12:15	XBT	Event
XBT performed. Serial #: 01053520. PJT			
3879	08/17/2010 23:32:55	Multibeam	Operational Adjustment
Steve changed the sound speed profile to hly1002_T7_00097.asvp Salinity was corrected using World Ocean Atlas for August and CTD001 for the deep. HG			
3880	08/18/2010 03:05:57	all	Watch stander change
HG off watch; CS on guard.			
3881	08/18/2010 07:02:23	all	Watch stander change
Danforth and Stevenson on watch!			
3882	08/18/2010 13:56:00	all	Event
At WP 3			
3883	08/18/2010 14:57:26	all	Watch stander change
TFO and BE on watch			
3884	08/18/2010 15:56:12	all	Event
Moving ahead to create distance buffer for helo ops.			
3885	08/18/2010 16:21:12	all	Event
Canadian Coast Guard Helicopter 363 landing on Healy. We are all stop. TFO			
3886	08/18/2010 16:31:58	all	Event
3887	08/18/2010 16:33:36	all	Event
Helicopter on deck, passengers off-loaded, Healy back underway @ 5.40 knots. BE			
3888	08/18/2010 16:39:59	all	Event
Healy stopping for Helicopter operations. Passengers from Healy to Louis. TFO			
3889	08/18/2010 17:34:45	all	Comment
Healy slowing, waiting for Louis. Dale			
3890	08/18/2010 17:40:47	all	Comment
Healy coming back up to speed, Louis has closed the gap. Santa			
3891	08/18/2010 18:30:05	all	Event
Healy slowing for Louis.			

3892	08/18/2010 18:34:17	all	Comment
Healy backup to speed			
3893	08/18/2010 19:21:22	all	Watch stander change
Bill S. on watch @ noon, Brian E. off			
3894	08/18/2010 19:39:26	all	Event
Increasing speed to put room between Healy and Louis for upcoming flight opps. Bill S.			
3895	08/18/2010 20:02:13	all	Event
Healy slowing for helicopter ops. Elvis			
3896	08/18/2010 20:04:39	all	Event
Healy stopping for flight operations. TFO			
3897	08/18/2010 20:05:19	all	Event
Helicopter has landed.			
3898	08/18/2010 20:11:01	all	Event
CCG Helicopter 363 preparing for departure. TFO			
3899	08/18/2010 20:13:13	all	Event
Red Deck, Helicopter has departed.			
3900	08/18/2010 20:14:34	all	Event
Healy returning to survey line. Erin			
3901	08/18/2010 20:20:53	all	Operational Adjustment
Healy is swing to the right in order to avoid a large flow ahead. TFO			
3902	08/18/2010 20:58:08	XBT	Event
XBT T7_00098 just completed. Sequence #98 Serial # 01053521			
3903	08/18/2010 21:15:22	all	Event
New SV profile. TFO			
3904	08/18/2010 21:28:41	all	Event
Healy swinging left to ~ 240, headed back towards track line.			
3905	08/18/2010 23:09:00	all	Watch stander change
Helen G. and Peter T. on watch. PJT			
3906	08/19/2010 00:13:18	Subbottom Profiler	Operational Adjustment
Knudsen time sync. PJT			
3907	08/19/2010 01:20:11	Other	Comment
Gravity: Healy breaking for Louis. 2 tenths ice flow. Now heading into open water. PJT			
3908	08/19/2010 02:07:35	Other	Comment

John called from the bridge. We are about a mile off our trackline, and it will be about another 5 miles parallel to the trackline before we can get back on (because of the ice).
HG

3909	08/19/2010 02:24:22	Subbottom Profiler	Operational Adjustment
Set Range to 200 and Phase to 39. PJT			
3910	08/19/2010 03:05:02	all	Watch stander change
CS on/HG off watch.			
3911	08/19/2010 05:07:42	Other	Problem
POSMV1 lost connection. Status says Waiting. PJT			
3912	08/19/2010 05:09:26	Other	Resolution
POSMV1 back up again. PJT			
3913	08/19/2010 05:31:55	Other	Problem
POSMV1 lost connection again. PJT			
3914	08/19/2010 05:47:30	Other	Problem
POSMV1 keeps reconnecting and disconnecting from network. PJT			
3915	08/19/2010 05:53:44	Other	Resolution
POSMV1 back up and running. PJT			
3916	08/19/2010 06:53:22	all	Watch stander change
Stevenson and Danforth on watch			
3917	08/19/2010 12:37:52	Subbottom Profiler	Operational Adjustment
Accidentally hit the end line button during recording at 0858 (forgot to note this before!). Hit the start line immediately so a new file began at 0858 (2010_231_0858_LF_000.sgy). -Bill			
3918	08/19/2010 13:24:43	all	Event
At WP 17			
3919	08/19/2010 15:03:44	all	Watch stander change
TFO and BE have the watch.			
3920	08/19/2010 15:08:01	Subbottom Profiler	Operational Adjustment
Knudsen time sync.			
3921	08/19/2010 16:16:54	Subbottom Profiler	Operational Adjustment
Bottom starting to come up, changed Knudsen range to 500 meters. TFO			
3922	08/19/2010 16:37:23	Subbottom Profiler	Operational Adjustment
Knudsen range now = 200 meters. TFO			
3923	08/19/2010 16:52:45	all	Comment
Bottom is rising, quick.			
3924	08/19/2010 17:02:53	Subbottom Profiler	Operational Adjustment
Knudsen = 500 meter range. Knudsen time sync.			
3925	08/19/2010 17:29:57	Multibeam	Problem
122 stopped operating. TFO			
3926	08/19/2010 17:49:21	Multibeam	Resolution

EM122 recollecting data

3927	08/19/2010 18:48:32	Multibeam	Operational Adjustment
CHANGED DEPTH SETTINGS (500-2500); MAY HAVE LOST SOME DATA. DS			
3928	08/19/2010 18:50:05	Subbottom Profiler	Operational Adjustment
CHANGED MINIMUM DEPTH TO 450 METERS. MAY HAVE LOST SOME ASCII DATA. DS			
3929	08/19/2010 18:55:01	Multibeam	Operational Adjustment
CHANGED MAXIMUM SWATH WIDTH TO 60/60 DS			
3930	08/19/2010 18:57:30	all	Watch stander change
Bill S. on watch, Brian E. off			
3931	08/19/2010 19:32:57	XBT	Event
XBT T7_00099 Sequence # 99 Serial # 01053515 New SV file hly1002_T7_00099.asvp Elvis			
3932	08/19/2010 19:50:07	all	Event
Louis is slowing because of gear issues. They have not identified what the problems are. TFO			
3933	08/19/2010 20:04:39	all	Comment
Louis is having problems with seismic gear and recovering equipment at this time, should take around 25 minutes to recover and several hours of repair prior to redeployment. TFO			
3934	08/19/2010 20:22:06	all	Comment
From Louis: Streamer problems and then problems with air compressor, second compressor is not repaired yet. Plan is to recover guns and streamer, and and both ships proceed to WP 19.			
3935	08/19/2010 20:31:02	all	Comment
Latest plan is for Louis to lead Healy to WP 19 to move ice in order to improve bathy returns and coverage. TFO			
3936	08/19/2010 20:46:17	all	Comment
Louis bridge has called and stated that seismic gear is on board and that they will pass us and lead and push ice up to WP 19. TFO			
3937	08/19/2010 21:05:06	all	Comment
Louis is currently passing Healy and will assume a lead position and head towards WP-18, as soon as we are underway Louis will turn for WP-19. Wanda			
3938	08/19/2010 21:20:03	all	Comment
Healy has found Louis' track and is speeding up to 8 knots. Billy Bob			
3939	08/19/2010 22:57:32	all	Watch stander change
Helen G. and Peter T. on watch. PJT			

3940	08/19/2010 22:57:54	Multibeam	Operational Adjustment
Set Force Depth to 1000m. PJT			
3941	08/19/2010 23:04:55	Multibeam	Problem
Even in open, calm water at 8 kts we are seeing only sporadic returns and those a low amplitudes. Perhaps ice under the hull? Will try to run through a bit of ice to see. -Dale			
3942	08/19/2010 23:21:13	Multibeam	Resolution
Healy drove through some ice and the multibeam seems to be working better now. Perhaps the new ice dislodged a piece of problem ice on the multibeam window. HG			
3943	08/20/2010 00:42:15	CTD	Event
We stopped to deploy the CTD. PJT			
3944	08/20/2010 02:14:41	all	Event
We are moving again and meeting up with Louis to continue down the line. PJT			
3945	08/20/2010 02:15:27	Multibeam	Operational Adjustment
New SSP using HLY1002 CTD 005 and levitus for the deep. -Steve			
3946	08/20/2010 02:22:09	Multibeam	Operational Adjustment
Set Force Depth to 990m. PJT			
3947	08/20/2010 03:01:06	all	Watch stander change
CS on watch/HG off.			
3948	08/20/2010 03:22:59	Multibeam	Problem
Multibeam is now struggling to find the bottom with a very weak return despite the fact that we are in open water. -Steve			
3949	08/20/2010 03:30:15	Multibeam	Resolution
Multibeam returned to normal operation just prior to entering some light ice. Also noticed that the Knudsen signal got very weak at the same time as the multibeam was having problems. -Steve > Multibeam is now struggling to find the bottom with a very weak return despite the fact that we are in open water. > > -Steve			
3950	08/20/2010 03:50:25	Multibeam	Operational Adjustment
Set Force Depth to 1000m. PJT			
3951	08/20/2010 03:51:15	Subbottom Profiler	Operational Adjustment
Set Phase to 5. PJT			
3952	08/20/2010 04:53:26	Subbottom Profiler	Operational Adjustment
Changed phase to 6 (1250 - 1750 m) CS			
3953	08/20/2010 05:09:13	Subbottom Profiler	Operational Adjustment
Changed phase to 7. CS			
3954	08/20/2010 07:11:32	Subbottom Profiler	Operational Adjustment
Base of slope. window to 100, phase to 78, proc. gain to 0			
3955	08/20/2010 07:16:34	Subbottom Profiler	Operational Adjustment
Range to 200, phase to 39 (3800-4000)			
3956	08/20/2010 09:35:10	all	Event

Louis is experiencing problems again with the seismic gear. Going to pull both the airgun sled and streamer to diagnose what's going on. Standing by and slowing down. -Bill

3957	08/20/2010 10:33:33	Other	Event
Launched ice bouy, bridge marked coordinates. -Bill			
3958	08/20/2010 11:24:07	all	Event
Louis is back on line, we're coming back to the trackline and will take the lead. -Bill			
3959	08/20/2010 14:45:00	all	Watch stander change
BE & TFO on watch			
3960	08/20/2010 18:59:32	all	Watch stander change
Bill S. on watch, Brian E. off			
3961	08/20/2010 19:29:32	XBT	Event
T5 XBT completed T5_00100 Sequence # 100 Serial Number 00326851			
3962	08/20/2010 19:46:49	all	Event
Swinging north of line & accelerating to position for flight opps. Bill S.			
3963	08/20/2010 20:13:42	all	Comment
CCG Helicopter 363 on its way over with Jon Childs aboard.			
3964	08/20/2010 20:15:15	all	Comment
CCG 363 has landed.			
3965	08/20/2010 20:35:40	all	Comment
New SV Profile Hly1002_T5_00100.asvp			
3966	08/20/2010 20:42:45	all	Event
Helo departed, Healy accelerating back to trackline. Bill S.			
3967	08/20/2010 21:06:38	all	Comment
Healy back in lead position.			
3968	08/20/2010 21:59:57	all	Comment
Preparing for flight ops. TFO			
3969	08/20/2010 22:00:55	all	Comment
CCG Helicopter 363 headed for Healy.			
3970	08/20/2010 22:12:01	all	Comment
CCG Helicopter 363 on deck.			
3971	08/20/2010 22:23:39	all	Comment
CCG 363 still on ship. Healy has got underway. TFO			
3972	08/20/2010 22:47:04	all	Comment
Healy at flight station. TFO			
3973	08/20/2010 22:49:46	all	Comment

Healy slowing to stop for flight operations.

TFO

3974	08/20/2010 23:02:43	all	Watch stander change
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Helen G. and Peter T. on watch. PJT

3975	08/21/2010 03:18:07	all	Watch stander change
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CS on/HG off.

3976	08/21/2010 03:28:38	Other	Comment
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Gravity: Healy breaking for Louis. Open water (1 tenth coverage). Speed 3.5 knots. PJT

3977	08/21/2010 04:18:02	Subbottom Profiler	Operational Adjustment
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Steve changed sensitivity to 80. CS

3978	08/21/2010 05:29:21	Other	Comment
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Gravity: Healy still breaking for Louis. Ice still at 1 tenth. Going 3.2 knots. PJT

3979	08/21/2010 05:39:11	XBT	Event
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XBT launched. Sequence #: 102. Serial #: 01053516. PJT

3980	08/21/2010 06:14:35	Multibeam	Operational Adjustment
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Steve entered in a new sound speed profile (hly1002_T7_00102.asvp). PJT

3981	08/21/2010 15:03:02	all	Watch stander change
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TFO on watch, no BE, no clue where he is.

TFO

3982	08/21/2010 15:05:57	Subbottom Profiler	Comment
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Knudsen not responding properly.

3983	08/21/2010 15:19:23	Subbottom Profiler	Resolution
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Knudsen back on line.

BE

3984	08/21/2010 15:55:36	CTD	Event
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CTD deployed.

3985	08/21/2010 16:56:08	CTD	Event
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CTD is on the way up.

TFO

3986	08/21/2010 18:03:16	Multibeam	Event
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Stopped EM122 pinging and ran the full set of BIST tests. Got the same results as the last BIST test.

TX36 and TRU Power tests fail

TX Channels test fail with "Low Z" in all slots.

Returned EM122 to operational mode.

-Steve

3987	08/21/2010 18:23:36	all	Operational Adjustment
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Captain called down looking for what flexibility in the track line tolerance there is. I mentioned +/- 2 miles was probably OK in this situation where there maybe some heavy ice ahead, Louis is breaking ice for Healy and no seismic.

TFO

3988	08/21/2010 18:28:20	CTD	Comment
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CTD at the surface.

BE

3989	08/21/2010 18:57:12	all	Event
CTD on deck , Healy underway for line headed NW, Louis is leading Healy. TFO			
3990	08/21/2010 18:58:08	Multibeam	Event
New SV profile, hly1002_ctd006.asvp			
3991	08/21/2010 20:37:10	Other	Event
> Launched ice bouy, bridge marked coordinates. -Bill SN Metocean SVP 98987 76 19.798 N 153 40.882 W BE			
3992	08/21/2010 20:52:49	all	Watch stander change
Bill S. off water sampling crew, on sonar watch. Brian E. off			
3993	08/21/2010 22:48:03	all	Watch stander change
Helen G. and Peter T. on watch. PJT			
3994	08/21/2010 23:56:37	Other	Comment
Gravity: Louis breaking for Healy. Ice is 4 to 5 tenths coverage. Speed 8 knots. PJT			
3995	08/22/2010 01:07:50	Multibeam	Problem
PU Sensor error (1810). Clicked OK and it went away. PJT			
3996	08/22/2010 02:16:45	all	Watch stander change
CS on/HG off watch.			
3997	08/22/2010 04:50:26	Subbottom Profiler	Operational Adjustment
Knudsen time sync. CS			
3998	08/22/2010 04:53:22	Other	Comment
Gravity: Louis breaking for Healy. Ice still around 5 tenths coverage. Speed 8.3 knots. PJT			
3999	08/22/2010 07:00:34	all	Watch stander change
Stevenson and Danforth on Watch			
4000	08/22/2010 08:41:07	Multibeam	Operational Adjustment
Switch the EM122 into auto mode, slope coming up VERY quickly! -Bill			
4001	08/22/2010 08:43:03	Subbottom Profiler	Operational Adjustment
Base of slope, range to 500, phase to 14 (3250-3750)			
4002	08/22/2010 08:55:55	Subbottom Profiler	Operational Adjustment
Phase to 13 (3000-3500)			
4003	08/22/2010 09:04:47	Subbottom Profiler	Operational Adjustment
Phase to 12 (2750-3250)			
4004	08/22/2010 09:16:35	Subbottom Profiler	Operational Adjustment
Phase to 11 (2500-3000)			
4005	08/22/2010 09:34:03	all	Problem
Vice Versa (Knudsen acq computer) hung up, but recovered (see entry in science log) -Bill			
4006	08/22/2010 09:48:49	Subbottom Profiler	Operational Adjustment
Phase to 10 (2250-2750)			
4007	08/22/2010 09:53:28	Subbottom Profiler	Operational Adjustment

Phase to 8 (2000-2500)			
4008	08/22/2010 10:03:19	Subbottom Profiler	Operational Adjustment
Phase to 8 (1750 - 2250) -Bill			
4009	08/22/2010 10:04:23	Subbottom Profiler	Operational Adjustment
Phase to 10 (2250 -2750). Went the wrong way last change! -Bill			
4010	08/22/2010 10:08:01	Subbottom Profiler	Operational Adjustment
Phase to 11 (2500 - 3000m)			
4011	08/22/2010 10:10:59	Subbottom Profiler	Operational Adjustment
Phase to 10 (2250 - 2750m)			
4012	08/22/2010 10:27:32	Subbottom Profiler	Operational Adjustment
Phase to 9 (2000-2500)			
4013	08/22/2010 10:34:23	all	Event
At EOL			
4014	08/22/2010 11:19:32	all	Event
Louis is currently deploying the seismic gear, standing by. bwd			
4015	08/22/2010 12:00:49	Subbottom Profiler	Operational Adjustment
Phase to 10 (2250-2750)			
4016	08/22/2010 12:21:25	Subbottom Profiler	Operational Adjustment
Phase to 11 (2500-3000)			
4017	08/22/2010 12:31:06	Subbottom Profiler	Operational Adjustment
Phase to 12 (2750-3250)			
4018	08/22/2010 12:46:26	Subbottom Profiler	Operational Adjustment
Phase to 13 (3000-3500)			
4019	08/22/2010 13:17:18	Subbottom Profiler	Operational Adjustment
Phase to 12 (2750-3250)			
4020	08/22/2010 13:29:22	Subbottom Profiler	Operational Adjustment
Phase to 13 (3000-3500)			
4021	08/22/2010 13:48:00	Subbottom Profiler	Operational Adjustment
Phase to 14 (3250-3750)			
4022	08/22/2010 13:56:33	Subbottom Profiler	Operational Adjustment
Phase to 15 (3500-4000)			
4023	08/22/2010 14:06:28	Subbottom Profiler	Operational Adjustment
Phase to 16 (3750 - 4250 m) bwd			
4024	08/22/2010 14:10:20	Subbottom Profiler	Operational Adjustment
Into the basin. Range to 200, phase to 38 (3700 - 3900m) bwd			
4025	08/22/2010 14:11:23	Subbottom Profiler	Operational Adjustment
Phase to 39 (3800 - 4000 m). bwd			
4026	08/22/2010 14:47:21	Other	Problem
MV-POSView shows a problem with 192.168.10.91, not the main MRU. TFO			
4027	08/22/2010 14:47:54	all	Watch stander change

TFO on watch.			
4028	08/22/2010 18:59:32	XBT	Event
<p>XBT T7_00103 completed.</p> <p>Sequence # 103 Serial Number 00153517</p> <p>TFO</p>			
4029	08/22/2010 19:36:12	Multibeam	Operational Adjustment
<p>SSP hly1002_T7_00103.asvp</p> <p>TFO</p>			
4030	08/22/2010 20:01:12	all	Event
<p>CCG Helicopter 363 preparing to visit Healy.</p>			
4031	08/22/2010 20:03:18	all	Comment
<p>CCG Helicopter 363 on board with guests.</p> <p>TFO</p>			
4032	08/22/2010 20:14:42	all	Comment
<p>CCG Helicopter 363 is departing with Healy guests going to Louis.</p>			
4033	08/22/2010 20:17:08	all	Comment
<p>Healy back underway, secure from flight quarters.</p> <p>Elvis</p>			
4034	08/22/2010 21:02:15	all	Comment
<p>Louis is a bit stuck and Healy is coming around to help break up the ice pressure on her stern.</p> <p>TFO</p>			
4035	08/22/2010 21:12:35	all	Comment
<p>Healy beginning an approach to the starboard side of Louis. Attempting to release ice pressure on Louis.</p> <p>TFO</p>			
4036	08/22/2010 21:35:31	all	Comment
<p>Louis making some progress at 2 knots.</p>			
4037	08/22/2010 22:08:16	all	Comment
<p>Louis is still not free yet. They have ice stuck on the bow and a currently stopped. Healy will attempt additional maneuvers to free up Louis.</p> <p>TFO</p>			
4038	08/22/2010 22:13:19	all	Comment
<p>Healy has come across Louis bow and turned right, Louis is freed up and following Healy, Louis attempting to attain 4 knots while still trying shake the chunk of ice under her bow.</p> <p>Great ship handling by Healy bridge crew.</p> <p>TFO</p> <p>Louis has just called and said they are unable to shake the ice under hull and are going to recover the seismic equipment in order to back off the stuck ice.</p>			
4039	08/22/2010 22:28:11	all	Comment
<p>Louis just called and stated they were just beginning to recover the seismic gear.</p> <p>Healy just called Louis and said Healy would traverse past Louis' port side to loosen up more ice around Louis.</p> <p>TFO</p>			
4040	08/22/2010 22:38:43	all	Comment

Louis seismic equipment is on board.			
4041	08/22/2010 22:49:30	all	Watch stander change
Helen G. and Peter T. on watch. PJT			
4042	08/23/2010 00:22:36	Other	Comment
Gravity: Healy breaking for Louis. 7 to 8 tenths ice coverage. Speed 4 knots. PJT			
4043	08/23/2010 03:09:09	all	Watch stander change
CS on watch/HG off.			
4044	08/23/2010 04:38:35	Subbottom Profiler	Operational Adjustment
Knudsen time sync. PJT			
4045	08/23/2010 04:39:42	Other	Comment
Gravity: Healy breaking for Louis still. 8 tenths coverage. Speed 5.3 knots. PJT			
4046	08/23/2010 06:50:54	all	Event
Danforth Stevenson on watch			
4047	08/23/2010 15:12:04	all	Watch stander change
TFO & BE on the watch			
4048	08/23/2010 16:54:42	all	Comment
Louis called to inform us that they are going to pull equipment at 11:30 this morning which should allow us to easily avoid the large ice flow ahead.			
TFO			
4049	08/23/2010 17:02:51	all	Event
Bridge just called to inform us that Louis is pulling gear at 11:30 AM today and once finished, Louis will make its way up to lead Healy to WayPoint 24 where we will survey the new sea mount found last year.			
Santa			
4050	08/23/2010 17:30:33	Subbottom Profiler	Operational Adjustment
Knudsen = 100 meter range.			
Pablo			
4051	08/23/2010 18:02:59	all	Event
Brian is going to lunch, he will return late.			
David			
4052	08/23/2010 18:26:35	all	Comment
The Louis Captain called Healy Bridge to inform Healy the they were about to recover airguns and streamer.			
Brian			
4053	08/23/2010 18:48:52	all	Comment
LSSL reports all gear aboard. Commencing ~30min work in engine room. Then they will maneuver ahead of us to provide escort.			
Healy will toss an XBT			
4054	08/23/2010 18:56:04	XBT	Event
Healy stopped to drop a XBT.			
XBT conductor parted a ~ 200 meters.			
Will drop another.			
Elvis			
4055	08/23/2010 19:04:53	XBT	Comment

XBT completed.

4056	08/23/2010 19:07:00	XBT	Event
XBT T5_00105 Completed. Sequence # 105 Serial Number 00349237			
4057	08/23/2010 19:28:57	all	Comment
Louis is getting underway and will pass Healy on starboard side and assume the lead up to WP 24. TFO			
4058	08/23/2010 19:29:53	Multibeam	Event
SV profile hly1002_T5_00105.asvp			
4059	08/23/2010 19:33:54	all	Comment
Louis just went past our starboard side like a rocket!!			
4060	08/23/2010 19:35:45	all	Comment
Healy coming up to speed. Following Louis. TFO			
4061	08/23/2010 19:55:35	all	Comment
Louis and Healy are swinging right to avoid a large ice flow.			
4062	08/23/2010 20:15:01	all	Comment
Healy slowing from 9 knots to 5 - 6 knots.			
4063	08/23/2010 20:16:27	all	Comment
Louis and Healy are resuming survey speed. 8 - 9 knots.			
4064	08/23/2010 20:19:58	all	Comment
Louis and Healy are swinging left towards the line.			
4065	08/23/2010 21:59:45	all	Comment
VHF message from Louis to Healy that Louis is swinging right to avoid a large flow. Elvis			
4066	08/23/2010 22:06:41	all	Comment
VHF message from Louis, ice is broken for next 80 miles or so and they are increasing distance from Healy to 1.5 miles.			
4067	08/23/2010 22:40:40	Multibeam	Event
Bathy has stopped updating on MapServer TFO			
4068	08/23/2010 22:53:00	all	Watch stander change
Helen G. and Peter T. on watch. PJT			
4069	08/23/2010 23:01:13	Other	Comment
Gravity: Louis breaking for Healy. 8 tenths coverage. Speed 8.2 knots. PJT			
4070	08/24/2010 03:00:03	all	Watch stander change
CS on watch/HG off.			
4071	08/24/2010 03:05:42	Multibeam	Comment
Asked the bridge to close the gap with the Louis to a mile and try to hold 8 knots so data quality would improve. PJT			

4072	08/24/2010 03:07:14	Multibeam	Operational Adjustment
Set Min Depth to 3500m and Max. Depth to 3900m. PJT			
4073	08/24/2010 03:53:30	Subbottom Profiler	Operational Adjustment
Changed phase to 38 (3700-3900m). cs			
4074	08/24/2010 04:01:00	all	Comment
We're slowing down because the Louis shutdown their port side shaft due to a high temperature spike.			
4075	08/24/2010 04:04:43	all	Comment
Louis working on their port shaft. Will try to continue at 6 knots. PJT			
4076	08/24/2010 04:07:10	Other	Comment
Gravity: Louis breaking for Louis. 8 to 9 tenths coverage. Speed 6 to 7 knots. PJT			
4077	08/24/2010 04:14:23	all	Problem
We're stopping so Louis can fix it's port side shaft. PJT			
4078	08/24/2010 04:27:41	Subbottom Profiler	Operational Adjustment
Set phase back at 39, just in case.....cs			
4079	08/24/2010 04:32:36	XBT	Event
XBT performed since we're stopped. Sequence #: 106. Serial #: 00349242. PJT			
4080	08/24/2010 05:07:08	Multibeam	Operational Adjustment
Added new sound speed profile (hly1002_T5_00106.asvp). PJT			
4081	08/24/2010 05:41:30	all	Comment
We are moving again and the Louis is staying behind to fix their port side shaft bearing. PJT			
4082	08/24/2010 06:06:00	all	Comment
Healy back underway leaving Louis to fix the port side shaft. We are continuing on the line to waypoint 3 (the seamount) collecting multibeam data and once we get to the seamount we will want to collect more multibeam and subbottom profiling to help pick dredging sites and coring sites. PJT			
4083	08/24/2010 06:10:08	Multibeam	Operational Adjustment
Set Max. Angle on the port and starboard sides to 50. PJT			
4084	08/24/2010 06:21:42	Other	Comment
Gravity: Healy by itself now. 8 to 9 tenths coverage. Speed 7 knots. PJT			
4085	08/24/2010 06:23:51	Subbottom Profiler	Operational Adjustment
Knudsen time sync. PJT			
4086	08/24/2010 06:51:51	all	Watch stander change
Stevenson and Danforth on watch			
4087	08/24/2010 08:03:38	Multibeam	Operational Adjustment
Brought the max angle down to 40 port/stbd to see how it performs in the ice. bwd			
4088	08/24/2010 09:48:13	Multibeam	Operational Adjustment
opened up the angles to 50 port/stbd. In open water, going for 12 knots while we can. bwd			
4089	08/24/2010 10:06:32	Multibeam	Operational Adjustment
Back into the ice (still some good leads though). Angles back to 40 max port/stbd. Speed back down to 6.5 knots. bwd			
4090	08/24/2010 11:35:40	Subbottom Profiler	Operational Adjustment
Phase to 38 (3700-3900)			
4091	08/24/2010 12:00:57	Multibeam	Event
Back into heavier ice. Max angles still at 40 degrees port/stbd. Speed 2-4 knots. bwd			

4092	08/24/2010 14:08:25	Multibeam	Event
In and out of the heavy ice. Making good headway now, 6 knots. Max angles still at 40 port/stbd. Min depth set to 3500, max depth to 4000, force depth to 3800. bwd			
4093	08/24/2010 14:58:11	all	Watch stander change
TFO on watch. Brian Edwards is here, and supposed to be on watch, but he is not "watching", therefor he really is not on watch although he thinks he is. BE			
4094	08/24/2010 15:46:05	all	Comment
Stopped, backing and.... rammmmmmmm!!!!!!			
4095	08/24/2010 19:07:18	Multibeam	Problem
Lose multibeam and subbottom. Heavy ice. Multibeam still pinging but not finding bottom. SOG 2 kts			
4096	08/24/2010 22:55:33	all	Watch stander change
Helen G. and Peter T. on watch. PJT			
4097	08/24/2010 23:09:54	Other	Comment
Gravity: Healy still breaking by itself. 8 to 9 tenths coverage. Lots of vibration due to thick ice. Speed 9 knots. PJT			
4098	08/25/2010 01:18:53	Multibeam	Operational Adjustment
Steve just changed the max angle port and starboard from 50 to 54. HG			
4099	08/25/2010 01:33:27	Multibeam	Operational Adjustment
Set Min. Depth to 2500m. PJT			
4100	08/25/2010 02:03:51	all	Event
Stopped by ice, about 1904 PDT (8/25/2010, 0204UTC). Starting to back and ram. HG			
4101	08/25/2010 02:44:42	all	Event
At about 1925 hours we were in thick ice and getting virtually no multibeam or subbottom data. At about 1930 hrs, John in Aloft Conn began backing up to the last point on the trackline where we had fairly good multibeam data. At about 1945 he began going forward again along the cleared track. Data looking better on this second pass. HG			
4102	08/25/2010 02:53:18	Multibeam	Operational Adjustment
Noticed that somebody had set the Spike Filter Strength and Penetration Filter Strength to strong. Set these back to weak. -Steve			
4103	08/25/2010 03:13:07	all	Watch stander change
CS on watch/HG off.			
4104	08/25/2010 03:23:37	Subbottom Profiler	Operational Adjustment
Changed range to 500, set phase at 15 (3500-4000 m) CS			
4105	08/25/2010 03:28:05	Other	Comment
Gravity: Healy still by itself. Backing and ramming. Ice 9 to 10 tenths coverage. Speed 3.6 knots. PJT			
4106	08/25/2010 03:38:15	Multibeam	Operational Adjustment
Steve set Max. Angle on the port and starboard side to 75. Set Angular Coverage mode to AUTO. Set Ping Mode to AUTO. Set the Dual Swath mode to Dynamic. PJT			
4107	08/25/2010 03:43:22	Multibeam	Operational Adjustment
Set Max. Angle on port and starboard sides to 65. PJT			
4108	08/25/2010 04:15:29	Multibeam	Operational Adjustment
Set Ping Mode to VERY DEEP. It's tracking the bottom better than AUTO. PJT			
4109	08/25/2010 05:16:53	all	Event

Steve asked Bridge to change heading to 357 to bring line closer to west side of slope.
CS

4110	08/25/2010 07:02:46	all	Watch stander change
Danforth Stevenson on watch			
4111	08/25/2010 08:53:46	Subbottom Profiler	Operational Adjustment
Phase to 13 (3000-3500)			
4112	08/25/2010 09:42:25	Subbottom Profiler	Operational Adjustment
Phase to 12 (2750-3250)			
4113	08/25/2010 12:29:26	Subbottom Profiler	Operational Adjustment
phase to 11 (2500-3000)			
4114	08/25/2010 13:22:46	Subbottom Profiler	Operational Adjustment
phase to 12 (2750-3250)			
4115	08/25/2010 14:59:11	all	Watch stander change
TFO on watch. We are going to core in the near future. The ship is currently drifting in order to get an understanding of direction. Brian is not here, but that is OK. TFO			
4116	08/25/2010 15:06:35	all	Comment
Healy under way. To where? Who knows? GWB			
4117	08/25/2010 15:10:57	Multibeam	Operational Adjustment
Tom O'Brien noticed that the EM122 was not pinging or logging for no known reason. Back to pinging and logging, -Dale			
4118	08/25/2010 15:25:39	all	Comment
Healy stopping.			
4119	08/25/2010 15:39:19	all	Comment
Healy maneuvering.			
4120	08/25/2010 15:57:28	all	Comment
Healy maneuvering again.			
4121	08/25/2010 16:37:42	Other	Event
Piston core is in place for lowering. Gravity core is being attached. Core still located in stand and ready for deployment. Elvis			
4122	08/25/2010 17:36:21	Other	Comment
Piston core is 100 meters of bottom. Currently water depth = 3056 meters.			
4123	08/25/2010 17:51:54	Other	Comment
Core on the way back.			
4124	08/25/2010 19:03:46	Other	Comment
Core on deck.			
4125	08/25/2010 19:19:58	all	Event
Healy getting underway for WP29 and meeting up with Louis.			

Elvis			
4126	08/25/2010 19:26:52	Other	Comment
Piston core appears to be successful. BE			
4127	08/25/2010 19:29:23	Multibeam	Comment
Plowing through ice, have marginal multibeam and subbottom. Santa			
4128	08/25/2010 19:31:35	Multibeam	Event
EM122 to very deep. TFO			
4129	08/25/2010 19:34:28	Multibeam	Operational Adjustment
Multibeam Max. angle = 60			
4130	08/25/2010 19:46:33	all	Comment
Multibeam and sub-bottom still NFG TFO			
4131	08/25/2010 19:52:59	Multibeam	Event
Multibeam max. angle = 50			
4132	08/25/2010 20:01:24	Multibeam	Comment
Lost bathy on mapserver. Steve is on it. Santa			
4133	08/25/2010 20:02:55	all	Comment
Ice has stopped Healy, backing and guess what? TFO			
4134	08/25/2010 20:12:08	Subbottom Profiler	Comment
Multibeam and sub-bottom is still really bad, lots of ice. BE			
4135	08/25/2010 20:20:28	XBT	Event
XBT T5-00107 just completed. Sequence # 107 Serial 00349246 Santa			
4136	08/25/2010 20:56:54	Multibeam	Comment
Ship speed up to 6.5 - 7 knots. Multibeam and sub-bottom data has improved!! TFO			
4137	08/25/2010 21:01:37	all	Comment
Data turned to crap again.			
4138	08/25/2010 22:55:03	all	Watch stander change
Peter T. and Helen G. on watch. PJT			
4139	08/25/2010 23:05:21	Multibeam	Operational Adjustment
Set Min. Depth to 3400m and Max. Depth to 4000m. PJT			
4140	08/26/2010 02:11:22	Multibeam	Operational Adjustment

Set Min. Depth to 3200m. PJT			
4141	08/26/2010 02:12:39	Other	Comment
Gravity: Healy still breaking by itself. 8 tenths coverage and a fair amount of shaking due to thick ice. Speed 9 knots. PJT			
4142	08/26/2010 02:43:51	Multibeam	Operational Adjustment
Set Force Depth to 3650m. PJT			
4143	08/26/2010 02:57:06	all	Watch stander change
CS on/HG off watch.			
4144	08/26/2010 04:09:15	Multibeam	Operational Adjustment
Set the Min Depth to 3400m and the Max. Depth to 3900m. PJT			
4145	08/26/2010 05:08:23	Multibeam	Operational Adjustment
Set Force Depth to 3550. PJT			
4146	08/26/2010 05:14:52	Multibeam	Operational Adjustment
Set Min. Depth to 3200m and Max. Depth to 3800m and Force Depth to 3500m.			
4147	08/26/2010 05:17:05	Subbottom Profiler	Watch stander change
Changed phase to 14 (3250-3750 m) - we're going up a slope on the way to WP2. CS			
4148	08/26/2010 05:30:08	Multibeam	Operational Adjustment
Set Force Depth to 3450m, Min Depth to 3100m and Max. Depth to 3700m. PJT			
4149	08/26/2010 06:02:56	Multibeam	Operational Adjustment
PU Sensor error (1810). Clicked OK. PJT			
4150	08/26/2010 06:12:38	Multibeam	Operational Adjustment
Set Force Depth to 3400m and Min. Depth to 3000m. PJT			
4151	08/26/2010 06:24:45	Multibeam	Operational Adjustment
Set Min. Depth to 2800m and Max. Depth to 3600m and Force Depth to 3380m. PJT			
4152	08/26/2010 06:41:59	Multibeam	Operational Adjustment
Set Force Depth to 3340m. PJT			
4153	08/26/2010 06:58:48	Multibeam	Operational Adjustment
Arrived at our CTD station 007. Put EM122 Angular Cov. mode to auto, max angle 70, ping mode auto and dual swath mode dynamic. -Steve			
4154	08/26/2010 07:03:20	all	Watch stander change
Danforth Stevenson on watch			
4155	08/26/2010 09:24:58	CTD	Event
CTD on deck. Louis is very close now, should be meeting up shortly. bwd			
4156	08/26/2010 09:59:37	all	Event
Coming around now to an easterly course, and will wait for the Louis to deploy gear. bwd			
4157	08/26/2010 10:09:34	Multibeam	Operational Adjustment
Added in new CTD cast data HLY1002_CTD_007.asvp. bwd			
4158	08/26/2010 10:55:49	all	Event
Louis now ready to deploy the seismic gear in the water, moving forward onto easterly course. bwd			
4159	08/26/2010 11:10:29	all	Event

Louis has the gear in, Healy breaking ice clearing the way for Louis. bwd

4160	08/26/2010 13:06:23	Multibeam	Operational Adjustment
On line to the east now, breaking ice for the Louis. Set the ping mode to very deep, angular coverage to manual, max angle to 50 port/stbd. Max depth to 4000, min depth to 3000, force depth 3500m. bwd			
4161	08/26/2010 13:27:53	Subbottom Profiler	Operational Adjustment
Phase to 15 (3500-4000)			
4162	08/26/2010 13:53:53	all	Event
Louis got stuck in the ice and requested that we come around and make a close pass to break up the ice pack. bwd			
4163	08/26/2010 13:57:21	all	Event
Reversed course and we're on our way back to help out the Louis. bwd			
4164	08/26/2010 14:12:27	all	Event
Made a port-port pass by the Louis at a modest distance, and are now turning around to come in for a closer pass to free up the ice. bwd			
4165	08/26/2010 14:17:06	all	Event
Turned around and we're now going to make a close pass on Louis' port side, then pull ahead of her. bwd			
4166	08/26/2010 14:57:12	all	Watch stander change
Tom is on watch, it remains to be seen how well Brian Edwards does on watch. TFO			
4167	08/26/2010 14:59:15	all	Event
Healy returning to help Louis to get unstuck. Tough going at 82 north. Multi-beam and subbottom are very spotty. TFO			
4168	08/26/2010 15:18:13	all	Comment
Louis freed up and moving. Healy turning and coming along Louis port side to resume the lead. Santa			
4169	08/26/2010 15:29:29	all	Comment
Louis called and is at 4 knots and 6 cables distance. TFO			
4170	08/26/2010 16:45:26	all	Comment
Louis helicopter CG-363 reports a large ice flow ~ 3 miles ahead. Healy and Louis will swing wide right to avoid.			
4171	08/26/2010 16:52:15	Multibeam	Operational Adjustment
Multibeam = deep			
4172	08/26/2010 19:59:51	all	Comment
Louis called and is stuck. Healy is going to Louis in order to break ice and release pressure. TFO			
4173	08/26/2010 20:13:32	all	Comment
Louis is freed up and underway. Healy is swinging around and will attempt a port side pass by Louis into the lead.			
4174	08/26/2010 20:27:20	all	Comment
Healy back in lead and both ships underway along track line.			
4175	08/26/2010 20:52:54	all	Comment
Back and ram.			

4176	08/26/2010 21:00:59	all	Comment
Still having difficulty with getting through ice at this location. BE			
4177	08/26/2010 21:28:58	all	Comment
Louis stuck,, swinging around to break ice around hull.			
4178	08/26/2010 21:35:04	all	Comment
Louis is free. Healy swinging around to take the lead again.			
4179	08/26/2010 21:50:55	all	Comment
Healy currently cruising at 6.5 knots.			
4180	08/26/2010 22:54:45	all	Watch stander change
Peter T. and Helen G. on watch. PJT			
4181	08/26/2010 23:41:58	Multibeam	Operational Adjustment
Changed ping mode to very deep. -Steve			
4182	08/27/2010 02:36:42	all	Watch stander change
CS on watch/HG off watch.			
4183	08/27/2010 02:44:23	Other	Resolution
Firmware update in POSMV2. All green lights. CS			
4184	08/27/2010 03:28:23	Other	Comment
Gravity: Healy breaking for Louis. 9 tenths coverage. Speed 4 knots. PJT			
4185	08/27/2010 03:28:54	Subbottom Profiler	Operational Adjustment
Knudsen time sync. PJT			
4186	08/27/2010 03:56:14	all	Comment
Rammng and backing a few times. We just got stuck again. We're going to give it another shot. You can do it! PJT			
4187	08/27/2010 04:14:33	all	Comment
Louis now stuck in same ridge that Healy just rammed through; Healy turning to go back and assist Louis, fighting through tough ice to get there. CS			
4188	08/27/2010 04:26:12	all	Comment
Breaking the Louis out of a jam. PJT			
4189	08/27/2010 07:01:05	all	Watch stander change
Danforth and Stevenson on watch.			
4190	08/27/2010 13:42:12	all	Event
Streamer problems on the Louis. They want to pull the streamer to inspect. Looking for open water for the Louis. bwd			
4191	08/27/2010 14:43:19	all	Watch stander change
TFO on watch. We are waiting to hear from Louis about streamer repairs. Standing by for a cast. TFO			
4192	08/27/2010 14:50:19	all	Event
Louis streamer is broke. 2 -3 hours for repair. We will do a cast. TFO			

4193	08/27/2010 15:19:12	CTD	Event
CTD in the water			
4194	08/27/2010 17:09:48	all	Comment
Louis science called and said that the should be ready to go by 11AM local 1800 UTC. Seems that the airgun system had flipped over and twisted the streamer some how, but all sounds OK. Elvis			
4195	08/27/2010 18:01:21	CTD	Event
CTD at surface and being recovered.			
4196	08/27/2010 18:03:10	all	Comment
Healy is informing Louis that Healy is about to get underway. Elvis			
4197	08/27/2010 18:08:31	CTD	Event
CTD bottle 22 failed to seal, may have been compromised. Very very very suspect. May not want to use water from bottle 22, because it leaked and we do not know what depth the water came from. Santa			
4198	08/27/2010 18:09:07	all	Comment
Healy is currently underway.			
4199	08/27/2010 18:17:04	all	Comment
Louis science called and will be ready to deploy gear at 1200 local 1900 UTC. Dave is sending a small correction for WP 29 to Brian via email.			
4200	08/27/2010 18:37:18	all	Comment
Jon Childs called and suggested that we should return to Great Circle lines, as it makes navigation a bit easier. TFO			
4201	08/27/2010 18:55:30	Multibeam	Operational Adjustment
Stop logging and pinging to run BIST tests while waiting for LSSL to be ready -Dale			
4202	08/27/2010 19:02:38	Multibeam	Operational Adjustment
EM122 back on line -Dale > Stop logging and pinging to run BIST tests while waiting for LSSL to be ready > -Dale			
4203	08/27/2010 19:15:25	all	Event
Healy is underway, Louis will start up shortly.			
4204	08/27/2010 19:29:04	all	Comment
We will be following a new Great Circle track line. Healy is now underway towards the new line and Louis will follow up.			
4205	08/27/2010 19:35:39	all	Event
Louis is in our track at 4 knots. TFO			
4206	08/27/2010 21:25:32	Multibeam	Event
Position input error on MB			
4207	08/27/2010 21:41:32	all	Comment
Healy stuck, back and ram			
4208	08/27/2010 21:51:58	all	Comment

After being stuck, Healy called Louis with the "all clear" and OK to follow through, but Louis called back and said the streamer was not working. They are looking for open water to haul gear.

TFO

4209	08/27/2010 22:09:40	all	Comment
<p>It appears we are headed back towards Louis.</p> <p>Brian just got off the VOIP with Jon Childs. We have no clue what is going on as Brian has failed to inform us.</p> <p>Elvis</p>			
4210	08/27/2010 22:48:44	all	Comment
<p>Louis called, streamer is now repaired. This information is from VHF traffic between bridge personal.</p> <p>TFO</p>			
4211	08/27/2010 22:59:56	all	Watch stander change
<p>Helen G. and Peter T. on watch. PJT</p>			
4212	08/27/2010 23:00:53	all	Problem
<p>Louis is still having a problem with the seismic gear. They are pulling it again. PJT</p>			
4213	08/27/2010 23:27:11	all	Comment
<p>We are looking for an opening in the ice. It will be about 2 hours before the Louis is ready to go again. PJT</p>			
4214	08/28/2010 00:41:03	all	Comment
<p>Sitting and waiting for the Louis. PJT</p>			
4215	08/28/2010 00:47:00	CTD	Event
<p>Preparing the CTD. PJT</p>			
4216	08/28/2010 00:56:39	CTD	Event
<p>CTD is on the water. PJT</p>			
4217	08/28/2010 01:05:05	all	Problem
<p>Multibeam and subbottom are not picking up anything. Maybe a piece of ice is sitting under us while we are doing this CTD. PJT</p>			
4218	08/28/2010 01:17:56	all	Comment
<p>Louis has fixed the seismic gear and is ready to get underway as soon as we are. PJT</p>			
4219	08/28/2010 01:35:28	CTD	Event
<p>CTD back on deck at 0122 UTC. Now transiting to Louis to resume seismic reflection profiling. HG</p>			
4220	08/28/2010 02:05:31	Other	Problem
<p>The streamer on the Louis is not working. It works on the deck but not in the water. The Louis is pulling its seismic gear and is going to lead us to collect better multibeam. PJT</p>			
4221	08/28/2010 02:18:18	Subbottom Profiler	Operational Adjustment
<p>Set phase to 15. PJT</p>			
4222	08/28/2010 02:40:30	all	Watch stander change
<p>CS on watch/HG off watch.</p>			
4223	08/28/2010 03:40:59	Multibeam	Operational Adjustment
<p>Set Force Depth to 3450m. PJT</p>			
4224	08/28/2010 04:04:55	Subbottom Profiler	Operational Adjustment
<p>Changed phase to 14 (3250-3750 m). CS</p>			
4225	08/28/2010 04:08:13	all	Event

Louis is now leading Healy. Healy will try to stay about 8 cables behind at about 5 knots. CS

4226	08/28/2010 05:24:54	Multibeam	Operational Adjustment
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Set Min. Depth to 3200m, Max. Depth to 3800m and Force Depth to 3430m. PJT

4227	08/28/2010 05:36:06	Multibeam	Operational Adjustment
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Set Max. Depth to 3600m. PJT

4228	08/28/2010 05:38:26	all	Comment
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Catching up to Louis. Will slow down back to five knots when we do. PJT

4229	08/28/2010 06:04:50	Multibeam	Operational Adjustment
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Set Min. Depth to 3100m set Max. Depth to 3700m set Force Depth to 3400m. PJT

4230	08/28/2010 06:05:37	Other	Comment
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Gravity: Louis breaking for Healy. 8 to 9 tenths coverage. Speed 5 knots. PJT

4231	08/28/2010 06:50:47	all	Watch stander change
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Danforth Stevenson on Watch

4232	08/28/2010 08:26:53	Multibeam	Operational Adjustment
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Maintaining about 4 - 4.5 knots. Data looks good. Max depth 3700 min depth 3100 force depth 3300. Ping mode VERY DEEP, manual angles 54 port/stbd. bwd

4233	08/28/2010 10:37:23	Subbottom Profiler	Operational Adjustment
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Phase to 13 (3000-3500) My big move for the watch

4234	08/28/2010 11:24:08	Multibeam	Operational Adjustment
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Force depth to 3200, all other params the same. bwd

4235	08/28/2010 12:50:16	Multibeam	Operational Adjustment
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Set min depth to 3000, max to 3400. bwd

4236	08/28/2010 14:34:55	Multibeam	Operational Adjustment
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Min depth to 2900m. bwd

4237	08/28/2010 14:44:01	all	Watch stander change
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TFO on watch.

4238	08/28/2010 15:30:58	all	Comment
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Brian Edwards called a few minutes ago. He just finished up with the Polar Puppy initiation and was complaining about back problems and just general fatigue. Brian said he would be a little late. I said thanks for the call, but not too rush, the floors are wet as well as the ladders. Just a little dangerous out there beyond his suite in the fuzzy carpet area. I assured him that all was under control and he really could take the day off (its Saturday) from all the stress he has been under as the Chief Weeny.

Elvis

4239	08/28/2010 15:47:01	all	Comment
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Louis is breaking ice for Healy. In general, sub-bottom and multi-beam fathometer data look much better than yesterday when Healy was breaking ice.

-Dale

4240	08/28/2010 16:03:24	all	Comment
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It is 0902, Brian, the new Polar Puppy, just showed up for watch.

And then left again.

TFO

4241	08/28/2010 18:34:19	all	Event
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Tom is back from a wonderful lunch of chili mac & cheese and a roll.

There was cake with blue frosting for desert.

I was afraid of desert.

TFO

4242	08/28/2010 20:58:27	Multibeam	Event
EM-122 MB = Deep mode			
4243	08/28/2010 21:44:47	Multibeam	Event
EM122 = very deep mode			
4244	08/28/2010 21:57:22	Multibeam	Event
EM122 Multi-beam = Deep mode.			
4245	08/28/2010 22:00:57	all	Comment
Multi-beam bathy data is turning bad. Have asked bridge to slow down.			
TFO			
4246	08/28/2010 22:18:08	Multibeam	Comment
MB and SB seem to have improved since we slowed.			
Santa Claus			
4247	08/28/2010 22:47:38	all	Watch stander change
Peter T. and Helen G. on watch. PJT			
4248	08/28/2010 22:50:33	Multibeam	Operational Adjustment
Set Force Depth to 2800m, Min Depth to 2400m and Max Depth to 3200m. PJT			
4249	08/28/2010 23:14:54	Multibeam	Operational Adjustment
Set Ping Mode to VERY DEEP. PJT			
4250	08/28/2010 23:45:06	all	Comment
There is a medical emergency and we and the Louis are breaking of the current line and both heading back to Tuk as fast as possible. PJT			
4251	08/29/2010 00:17:20	Multibeam	Operational Adjustment
Angular Coverage mode to auto and ping mode to deep.			
-Steve			
4252	08/29/2010 01:00:59	XBT	Event
Just finished an XBT. PJT			
4253	08/29/2010 01:17:00	all	Comment
We are now underway to Tuk. PJT			
4254	08/29/2010 01:19:33	Multibeam	Operational Adjustment
Set Ping Mode to VERY DEEP. PJT			
4255	08/29/2010 02:31:13	Multibeam	Operational Adjustment
Set Force Depth to 2900m. PJT			
4256	08/29/2010 02:50:58	XBT	Event
XBT. Sequence #: 108. Serial #: 00349238. PJT			
4257	08/29/2010 02:52:11	all	Watch stander change
Caroline S. replacing Helen G. on watch. PJT			
4258	08/29/2010 02:55:33	Multibeam	Operational Adjustment
Set Max Depth to 3400m and Force Depth to 3000m. PJT			
4259	08/29/2010 03:24:43	Multibeam	Operational Adjustment

Steve entered a new sound speed profile hly1002_T5_00108.asvp.

4260	08/29/2010 04:36:57	Multibeam	Operational Adjustment
Set Force Depth to 2900m. PJT			
4261	08/29/2010 05:08:54	all	Comment
We reached some thick ice ridges so now Louis and Healy are going to work together breaking the ice. PJT			
4262	08/29/2010 05:49:55	Multibeam	Operational Adjustment
Set Force Depth to 3000m. PJT			
4263	08/29/2010 05:51:24	Other	Comment
Gravity: Healy and Louis breaking along side each other. Ice at 9 tenths coverage. Thick ice. Speed 6.3 knots. PJT			
4264	08/29/2010 06:08:13	Subbottom Profiler	Operational Adjustment
Changed phase to 13 (3000-3500m). CS			
4265	08/29/2010 06:36:49	Other	Comment
After moving side-by-side for about 30 minutes, Healy has pulled ahead and Louis is falling into our track line. Multibeam and subbottom data are nearly nonexistent at the point. CS			
4266	08/29/2010 07:22:38	all	Watch stander change
Danforth Stevenson on watch			
4267	08/29/2010 13:53:47	all	Event
Louis and Healy have been trying to run tandem for a while. Difficult, heavy ice and ridges. bwd			
4268	08/29/2010 14:38:13	Subbottom Profiler	Operational Adjustment
Phase to 12 (2750 - 3250m). bwd			
4269	08/29/2010 15:10:22	all	Watch stander change
TFO on watch. Brian is here also, but is somewhat tired from having to work in the galley yesterday (his true calling). TFO			
4270	08/29/2010 15:18:16	Multibeam	Comment
Multi-Beam = mode deep			
4271	08/29/2010 15:20:20	all	Comment
MB and SB data are really poor. We are breaking through thick and multi-year ice. TFO			
4272	08/29/2010 15:27:30	Subbottom Profiler	Problem
Knudsen VisaVersa program hung up. Closed it. TFO			
4273	08/29/2010 16:23:23	all	Comment
Set flight quarters condition one. Louis helicopter CG 363 headed to Healy to pick up medicine and one soul for transit to Louis and treatment of sick crew member. BE			
4274	08/29/2010 16:35:13	Subbottom Profiler	Event
Knudsen = 3000 -> 3500 meters			
4275	08/29/2010 16:44:57	all	Comment
Healy stopped, waiting for CG 363			
4276	08/29/2010 16:46:08	all	Comment

Louis CG 363 on deck.

4277	08/29/2010 17:04:14	all	Event
Helicopter off and Healy underway.			
4278	08/29/2010 17:23:16	all	Comment
AloftCon called and said they are moving again and will try and maintain a good distance to Louis for the VOIP connection to stay established. TFO			
4279	08/29/2010 17:35:50	Multibeam	Operational Adjustment
MB mode = very deep			
4280	08/29/2010 17:55:23	all	Comment
Healy stopped for electrical issue with prop drive.			
4281	08/29/2010 17:58:59	all	Comment
Healy underway			
4282	08/29/2010 22:50:20	all	Watch stander change
Helen G. and Peter T. on watch. PJT			
4283	08/30/2010 00:57:23	Multibeam	Operational Adjustment
Set Force Depth to 1900m, set Min Depth to 1800m, set Max Depth to 3000m. PJT			
4284	08/30/2010 00:59:51	Multibeam	Operational Adjustment
Set Min Depth to 1600m. PJT			
4285	08/30/2010 01:01:07	Multibeam	Operational Adjustment
Set Max Depth to 2500m. PJT			
4286	08/30/2010 01:12:24	Subbottom Profiler	Operational Adjustment
Set Phase to 9. PJT			
4287	08/30/2010 02:26:14	Multibeam	Operational Adjustment
Set Min Depth to 2500m, max depth to 3500m and Force Depth to 3000m. PJT			
4288	08/30/2010 02:26:41	Subbottom Profiler	Operational Adjustment
Set Phase to 12. PJT			
4289	08/30/2010 03:14:46	all	Watch stander change
CS on watch, taking over for HG.			
4290	08/30/2010 03:16:05	Subbottom Profiler	Operational Adjustment
No data on subbottom profiler for quite some time; changed phase to 13 (3000-3500m); getting some hits. CS			
4291	08/30/2010 03:27:23	Multibeam	Operational Adjustment
Set Min Depth to 2800m, Max Depth to 3800m and Force Depth to 3200m. PJT			
4292	08/30/2010 04:19:46	Other	Comment
Gravity: Healy breaking for Louis. Thick ice. 8 to 9 tenths thick. Lots of shaking. Going 8 to 10 knots. PJT			
4293	08/30/2010 05:15:11	Subbottom Profiler	Operational Adjustment
Changed phase to 14 (3250-3750m). cs			
4294	08/30/2010 05:31:49	Multibeam	Problem
Computer system froze. Steve is rebooting. He's not happy... CS			
4295	08/30/2010 06:28:01	Subbottom Profiler	Operational Adjustment
Changed phase to 15 (3500-4000m). cs			

4296	08/30/2010 06:53:06	all	Watch stander change
Danforth and Stevenson on watch.			
4297	08/30/2010 13:57:26	all	Event
We've been making between 7-10 knots all night long!! Ice is getting a bit thinner, Louis still with us. bwd			
4298	08/30/2010 13:58:50	all	Event
Almost to WP 2 (w2). Turning onto heading 220, Louis just radioed less ice in that direction. bwd			
4299	08/30/2010 15:36:13	all	Watch stander change
BE & TFO on watch			
4300	08/30/2010 15:41:01	all	Event
Louis and Healy are parting ways. We are going south for some coring, Louis is going to Tuk with the ill person. Dr. Kildar			
4301	08/30/2010 16:54:53	all	Event
Person hurt aboard Healy. We are falling back inline with Louis and following until the injury is fully understood. We wish to stay close to Louis fore potential Helicopter support if we need our Doc back. TFO			
4302	08/30/2010 17:16:55	all	Comment
Healy - Louis VHF traffic, Healy will follow 1 mile behind Louis			
4303	08/30/2010 17:48:34	all	Comment
Healy boat crew is preparing to launch a boat for travel to Louis and recover our Medical specialist and return to Healy. TFO			
4304	08/30/2010 17:52:54	all	Comment
Healy ready to launch boat in 10 - 15 minutes.			
4305	08/30/2010 17:58:54	all	Comment
Louis is slowing in a large pool for personnel transfer.			
4306	08/30/2010 18:08:58	all	Comment
Healy stopping.			
4307	08/30/2010 18:14:38	all	Comment
Boat launched and next to Louis.			
4308	08/30/2010 18:33:49	all	Comment
Small boat back aboard with Lt. Criss. Healy and LSSL continue joint transit south.			
4309	08/30/2010 19:33:51	all	Comment
Ships speed 12 - 17 knots.			
4310	08/31/2010 00:27:58	Other	Event
MK2 Mason and LT Criss have been flown to Louis by helicopter. Brian says that Healy will soon begin transit to coring site M02 about 116 nm away; likely to arrive at site about 4 or 5 a.m. PDT tomorrow. HG			
4311	08/31/2010 00:36:31	all	Watch stander change
Peter T. and Helen G. on Watch (since 4:00PM). PJT			
4312	08/31/2010 00:44:05	Other	Comment
Gravity: Was open water for awhile. Healy now following Louis. 4 to 5 tenths coverage. Speed is 5.6 knots. PJT			
4313	08/31/2010 03:05:24	all	Watch stander change
CS on/HG off watch.			
4314	08/31/2010 05:16:59	XBT	Event

XBT just completed. Sequence #: 109. Serial #: 01053513. PJT

4315	08/31/2010 05:42:21	Multibeam	Event
Steve entered new Sound Speed Profile hly1002_T7_00109.asvp. cs			
4316	08/31/2010 07:19:54	all	Watch stander change
Danforth and Stevenson on another eventful watch!			
4317	08/31/2010 11:20:20	Subbottom Profiler	Operational Adjustment
Set display contrast to 1. bwd			
4318	08/31/2010 14:00:02	all	Event
Slow to 4kt; extend line through M02 sampling site			
4319	08/31/2010 14:58:33	all	Comment
Come about and return to M02 for 2 barrel piston core			
4320	08/31/2010 15:12:42	Subbottom Profiler	Event
Knudsen = 100 meter range			
4321	08/31/2010 15:17:00	Subbottom Profiler	Event
Knudsen = 200 meter range			
4322	08/31/2010 15:50:53	all	Comment
Healy approaching and slowing for core site location. Will stop and check drift for 20 minutes prior to two barrel piston core deployment. Elvis			
4323	08/31/2010 16:05:12	all	Comment
Healy stopped and drifting.			
4324	08/31/2010 16:25:16	all	Comment
Preparing to launch piston core. Attaching pilot core.			
4325	08/31/2010 16:29:47	all	Event
Two pipe piston care staged and ready for launch.			
4326	08/31/2010 16:41:37	Other	Event
Piston core in water.			
4327	08/31/2010 16:43:53	Other	Event
Piston core going down ~ 30 meters/minute. 3705 meters of water. TFO			
4328	08/31/2010 16:50:02	Other	Comment
Wire down speed = 50 meters/minute. It snowing a little bit. TFO			
4329	08/31/2010 17:36:39	Other	Comment
2680 meters of wire out.			
4330	08/31/2010 17:55:09	Multibeam	Problem
Lost MRU input to MB momentarily.			
4331	08/31/2010 17:58:27	Other	Comment

Core sample taken.			
4332	08/31/2010 18:00:52	Other	Comment
Core pulled out of bottom. Wire up. TFO			
4333	08/31/2010 18:25:19	Multibeam	Event
Took EM122 offline for a few minutes for BIS test. -Dale			
4334	08/31/2010 19:04:39	Subbottom Profiler	Operational Adjustment
Knudsen = 500 meter range			
4335	08/31/2010 19:19:22	Other	Comment
Pilot core is wrapped around piston core. Accessing how to untangle the two.			
4336	08/31/2010 19:33:13	Other	Comment
Piston core on deck and secured. Task now is to unwrap pilot core from the piston core.			
4337	08/31/2010 19:42:03	Other	Comment
Pilot core has been recovered and is on deck. Good job by every one on deck.			
4338	08/31/2010 19:50:36	Other	Comment
Piston core completely recovered and secured on deck. Santa			
4339	08/31/2010 19:56:19	all	Comment
Healy underway.			
4340	08/31/2010 20:41:12	all	Comment
Sub-Bottom and Multi-beam data look great. Calm seas, sparse ice 7.5 knots. Hurricane in Bahamas and foretasted for the east coast USA. Elvis			
4341	08/31/2010 20:43:28	Other	Comment
Reports are that the core was not completely full and may not have triggered correctly because of the possibility that the pilot core wrapped around the piston core prior to bottom contact. TFO			
4342	08/31/2010 22:43:33	Multibeam	Comment
Lost multibeam display on map server.			
4343	08/31/2010 22:55:32	all	Watch stander change
Helen G. and Peter T. on watch. PJT			
4344	09/01/2010 03:15:36	Subbottom Profiler	Operational Adjustment
Changed the phase to 14. HG			
4345	09/01/2010 03:16:21	all	Watch stander change
CS on watch/HG off.			
4346	09/01/2010 03:22:46	Multibeam	Operational Adjustment
Set Force Depth to 3500m. PJT			
4347	09/01/2010 03:56:49	XBT	Event

XBT performed. Sequence #: 110, Serial #: 00349247. PJT

4348	09/01/2010 04:19:20	Multibeam	Operational Adjustment
Steve entered a new sound speed profile (hly1002_T5_00110.asvp). PJT			
4349	09/01/2010 04:21:13	Multibeam	Problem
No multibeam for about 5 minutes. PJT			
4350	09/01/2010 04:21:39	Subbottom Profiler	Problem
No data for about 5 minutes. PJT			
4351	09/01/2010 04:25:55	Multibeam	Resolution
A piece of ice was blocking the transducers. We went through some more ice to knock it loose. PJT			
4352	09/01/2010 04:26:09	Subbottom Profiler	Resolution
A piece of ice was blocking the transducers. We went through some more ice to knock it loose. PJT			
4353	09/01/2010 05:03:49	Multibeam	Operational Adjustment
Set Force Depth to 3400m. PJT			
4354	09/01/2010 06:58:17	all	Watch stander change
Danforth and Stevenson on watch.			
4355	09/01/2010 08:20:09	all	Event
Speed down to 6 kt. to improve data quality			
4356	09/01/2010 11:41:35	Subbottom Profiler	Operational Adjustment
Phase change to 13 (3000-3500)			
4357	09/01/2010 14:52:38	all	Watch stander change
TFO on watch			
4358	09/01/2010 17:27:52	all	Operational Adjustment
Speed = 2.5 knots.			
4359	09/01/2010 17:30:40	Subbottom Profiler	Operational Adjustment
Knudsen = 200 meter range 2900 -> 3100 meters			
4360	09/01/2010 17:35:57	all	Operational Adjustment
Healy currently has an issue with one of the prime movers and is working on the problem. That is why we are currently at 2.5 knots Brian			
4361	09/01/2010 17:48:40	all	Comment
Speed = 8.4 knots			
4362	09/01/2010 18:42:00	all	Comment
Slow to about 4.5 kts one mile short of M01 to collect better bathy at the coring site.			
4363	09/01/2010 18:55:13	Subbottom Profiler	Operational Adjustment
Knudsen range = 500 meters 2500 -> 3000 meter range			
4364	09/01/2010 19:41:16	XBT	Comment
Stopping for XBT			
4365	09/01/2010 19:43:22	XBT	Comment
XBT complete.			

4366	09/01/2010 19:47:16	XBT	Comment
XBT T5_00111 Sequence # 111 Serial # 00349243			
4367	09/01/2010 19:52:03	all	Comment
Healy doing 4.2 knots			
4368	09/01/2010 20:01:20	Multibeam	Operational Adjustment
MB = deep mode			
4369	09/01/2010 20:06:50	Multibeam	Comment
New sound velocity profile. hly1002_T5_00111.asvp			
4370	09/01/2010 21:13:15	Multibeam	Operational Adjustment
Multibeam = very deep mode			
4371	09/01/2010 22:57:22	all	Watch stander change
Helen G. and Peter T. on watch. PJT			
4372	09/01/2010 23:45:54	Multibeam	Operational Adjustment
Set Ping Mode to DEEP, set Angular Coverage Mode to MANUAL. PJT			
4373	09/02/2010 00:16:37	Multibeam	Operational Adjustment
Set EM122 back to "very deep" mode. -Steve			
4374	09/02/2010 03:02:38	all	Watch stander change
CS on/HG off.			
4375	09/02/2010 03:38:53	Other	Comment
Gravity: Healy alone. Ice coverage is 4 to 5 tenths. Speed 7.5 knots. Ice not that thick. PJT			
4376	09/02/2010 07:01:06	all	Watch stander change
Danforth and Stevenson on watch			
4377	09/02/2010 11:00:41	all	Event
Following the 2500 meter contour. bwd			
4378	09/02/2010 13:56:45	all	Event
Turned off the 2500 meter contour, heading NE to waypoint w4 and a rendezvous with the Louis. bwd			
4379	09/02/2010 14:38:21	Subbottom Profiler	Operational Adjustment
Going uphill!! Phase to 9 (2000 - 2500 m). -David Bowie			
4380	09/02/2010 14:50:58	all	Watch stander change
TFO on watch.			
4381	09/02/2010 15:33:50	Multibeam	Operational Adjustment
MB = deep mode Min Depth = 1800 Meters Current depth 2173 M			
4382	09/02/2010 16:27:57	Subbottom Profiler	Operational Adjustment
Knudsen = 200 meter range. 2000 -> 2200 meters. Are going to core soon.			
4383	09/02/2010 16:32:51	Multibeam	Operational Adjustment

MB = very deep mode
max angle = 60 degrees

TFO

4384	09/02/2010 16:57:47	all	Comment
MB and SB returns are very poor. Not tracking bottom very well. Much ice cover. Santa			
4385	09/02/2010 17:09:09	all	Event
Stopping for piston core. Bottom looks hard. TFO			
4386	09/02/2010 17:14:52	all	Comment
Healy is stopped in a large open "pond" and checking for drift speed and direction.			
4387	09/02/2010 17:19:23	all	Comment
Deck called bridge to notify that they are ready to go. Bridge wants to wait a few moments for more drift and speed information. Santa			
4388	09/02/2010 17:21:13	all	Comment
2090 meters of water currently. TFO			
4389	09/02/2010 17:23:16	Other	Comment
Piston core with two core barrels is at the pre-launch stage and waiting for permission from bridge to place in the launch position. TFO			
4390	09/02/2010 17:27:40	Other	Comment
Permission given to deck to take down safety lines and deploy piston core. 2088 meters of water.			
4391	09/02/2010 17:31:00	Other	Comment
Attaching pilot core. At 1745 UTC TFO			
4392	09/02/2010 17:32:08	Other	Comment
Life lines going back up.			
4393	09/02/2010 17:47:21	Other	Comment
Core is in the water and on the way down. Water depth - 2086 meters. Wire down at 30 meters/minute TFO			
4394	09/02/2010 17:50:02	Other	Comment
Wire out 82 metes speed 29.0 meters/minute tension 3000 lbs 2086 meters depth.			
4395	09/02/2010 17:51:49	Other	Comment

100 meters of wire out.
 50 meters/minute wire speed.
 2086 meters of water.
 tension = 3100 lbs (corrected)

4396	09/02/2010 17:59:33	Other	Comment
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540 meters out
 3680 lbs (corrected)
 2085 water dept

4397	09/02/2010 18:08:59	Other	Comment
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1000 meters of wire out
 4200 lbs tension (corrected)
 50 meters/minute
 2082 water depth

4398	09/02/2010 18:23:12	Other	Comment
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1600 meters of wire out
 5300 lbs tension (corrected)
 2084 water depth
 50 meters/minute

4399	09/02/2010 18:28:36	Other	Comment
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1800 meters out
 20 meters/minute
 5600 lbs tension (corrected)
 2081 water depth

4400	09/02/2010 18:37:36	Other	Comment
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Core penetration
 2017 wire out
 pull out > 8k lbs
 current wire tension 6000 lbs
 recovering core
 60 meters/minute

4401	09/02/2010 18:39:10	Other	Comment
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Another great lunch aboard Louis.

4402	09/02/2010 18:54:30	Other	Comment
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1000 meters wire out
 4500 lbs tension
 60 meters/minute

4403	09/02/2010 19:01:26	Other	Comment
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500 meters wire out
 3800 lbs tension
 60 meters/minute wire up
 2076 water depth.

4404	09/02/2010 19:11:36	Other	Comment
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Piston core at surface.

4405	09/02/2010 19:19:31	Other	Comment
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Pilot core on deck.

4406	09/02/2010 19:24:20	Other	Comment
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Piston core in stand. Looks like core barrel was buried, mud all over it.

4407	09/02/2010 19:28:55	Other	Comment
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Life lines lowered.
 Piston core recovered and on deck.

Kooker

4408	09/02/2010 19:43:40	CTD	Comment
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Preparing for a CTD

TFO

4409	09/02/2010 19:53:29	CTD	Comment
CTD in water. LDK			
4410	09/02/2010 20:45:43	Other	Comment
490 cm core taken. Muddy with Diamicton			
4411	09/02/2010 20:47:55	Other	Comment
Louis is in AIS range, current position is -127.53812 W 76.19415 N Speed 1.3 knots Heading 355 24 km away			
4412	09/02/2010 20:48:28	CTD	Comment
CTD still going down. BE			
4413	09/02/2010 21:42:45	CTD	Comment
CTD on deck			
4414	09/02/2010 21:45:50	Other	Comment
Louis Stats: Long: -127.71503 Lat: 76.28078 Speed: 6.6 Heading: 306.8			
4415	09/02/2010 21:48:25	all	Comment
Healy underway.			
4416	09/02/2010 21:50:05	Subbottom Profiler	Operational Adjustment
Knudsen = 500 meter range. BE			
4417	09/02/2010 21:55:05	all	Comment
Healy stopped.			
4418	09/02/2010 21:59:40	all	Comment
Healy underway, not sure where too. Louis still not here and we will hang around the area and wait for Louis arrival. TFO			
4419	09/02/2010 22:08:52	all	Comment
Healy stopped!!! Nosed up to an ice flow.			
4420	09/02/2010 22:14:09	all	Comment
Healy underway to conduct a small square shaped survey, while waiting for Louis to show up. TFO			
4421	09/02/2010 22:21:31	Other	Comment
Louis Stats: LON: -127.81576 Lat: 76.33350 Speed: 6.9 COG: 16.8 Heading:18			
4422	09/02/2010 22:44:59	all	Watch stander change
Helen G. and Peter T. now on watch. PJT			
4423	09/02/2010 22:48:14	Subbottom Profiler	Operational Adjustment
Set phase to 9. PJT			
4424	09/02/2010 22:50:12	Other	Comment

Gravity: Healy by itself. Ice 8 to 9 tenths coverage. Speed 6 knots. PJT			
4425	09/02/2010 22:59:12	Subbottom Profiler	Operational Adjustment
Set phase back to 8. PJT			
4426	09/02/2010 23:00:24	Multibeam	Operational Adjustment
Set Ping Mode to VERY DEEP and Max angle on port and starboard side to 65. PJT			
4427	09/03/2010 00:14:39	Multibeam	Operational Adjustment
Steve entered in new sound speed profile (hly1002_ctd010.asvp). PJT			
4428	09/03/2010 00:20:46	Subbottom Profiler	Operational Adjustment
Set phase to 9. PJT			
4429	09/03/2010 00:30:26	Multibeam	Operational Adjustment
Set Ping Mode to AUTO. PJT			
4430	09/03/2010 01:28:20	all	Comment
Stopped waiting for Louis to deploy gear. Stopped with ice under the ship so no data for multibeam and subbottom profiler. PJT			
4431	09/03/2010 01:56:01	all	Comment
Moving again and got some photos of the C-130 flying over us. PJT			
4432	09/03/2010 02:02:08	Multibeam	Operational Adjustment
Ping mode set to "very deep" -Steve			
4433	09/03/2010 02:29:00	Multibeam	Operational Adjustment
Set Ping Mode to AUTO. PJT			
4434	09/03/2010 02:36:05	Multibeam	Operational Adjustment
Set Ping Mode to VERY DEEP. PJT			
4435	09/03/2010 02:42:51	all	Comment
Healy stuck on a ridge. Backing up and ramming. PJT			
4436	09/03/2010 03:02:24	all	Watch stander change
CS on/HG off.			
4437	09/03/2010 03:03:46	Multibeam	Operational Adjustment
Set Ping Mode to AUTO. PJT			
4438	09/03/2010 03:06:28	Multibeam	Operational Adjustment
Set Ping Mode to VERY DEEP. PJT			
4439	09/03/2010 03:25:32	Subbottom Profiler	Operational Adjustment
Set phase to 10. PJT			
4440	09/03/2010 03:47:56	Multibeam	Operational Adjustment
Set Min Depth to 2200m, Max Depth to 3200m and Force Depth to 2400m. PJT			
4441	09/03/2010 05:44:23	Multibeam	Operational Adjustment
Set Force Depth to 2600m. PJT			
4442	09/03/2010 05:46:58	Other	Comment
Gravity: Healy breaking for Louis. Ice at about 5 to 6 tenths coverage. Speed 4.4 knots. PJT			
4443	09/03/2010 05:55:13	Subbottom Profiler	Operational Adjustment
Changed phase to 11 (2500-3000). cs			
4444	09/03/2010 06:52:22	all	Watch stander change

Danforth and Stevenson on watch. bwd

4445	09/03/2010 07:04:42	Multibeam	Operational Adjustment
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Set max depth to 3400, min depth to 2500, force depth to 2700. Goin' downhill!! bwd

4446	09/03/2010 07:49:26	Subbottom Profiler	Operational Adjustment
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Phase to 12 (2750 - 3250 m). bwd

4447	09/03/2010 10:11:13	Multibeam	Operational Adjustment
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Set force depth to 2900, min depth to 2700, max depth to 3400. bwd

4448	09/03/2010 11:15:23	Subbottom Profiler	Operational Adjustment
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Phase to 13 (3000-3500)

4449	09/03/2010 14:46:25	Subbottom Profiler	Operational Adjustment
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Phase to 14 (3250-3750)

4450	09/03/2010 14:53:28	all	Watch stander change
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BE and TFO on the watch

4451	09/03/2010 22:53:59	all	Watch stander change
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Helen G. and Peter T. on watch. PJT

4452	09/03/2010 23:42:22	Subbottom Profiler	Operational Adjustment
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Set phase to 15. PJT

4453	09/03/2010 23:43:34	Multibeam	Operational Adjustment
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Set Min Depth to 3000m and Force Depth to 3500m. PJT

4454	09/04/2010 01:27:18	all	Event
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Helo opts underway. PJT

4455	09/04/2010 02:30:13	Multibeam	Operational Adjustment
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Set Force Depth to 3600m. PJT

4456	09/04/2010 02:51:44	XBT	Event
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XBT completed. Sequence #: 112. Serial #: 00349239. PJT

4457	09/04/2010 03:10:12	all	Watch stander change
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CS on watch/HG off.

4458	09/04/2010 03:37:37	Multibeam	Operational Adjustment
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Steve entered a new sound speed profile (hly1002_T5_00112.asvp). PJT

4459	09/04/2010 07:11:27	all	Watch stander change
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Danforth and Stevenson on watch.

4460	09/04/2010 14:50:49	all	Watch stander change
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TFO On, last one

4461	09/04/2010 16:19:51	Multibeam	Event
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MB = deep

4462	09/04/2010 16:44:10	Multibeam	Operational Adjustment
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Multibeam off-line to run BIS tests in an attempt to understand the low signal in the central sector, which shows mostly in the sidescan data.
-Dale

4463	09/04/2010 16:49:42	Multibeam	Operational Adjustment
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Back on line,
-Dale

> Multibeam off-line to run BIS tests in an attempt to understand the low signal in the central sector, which

> shows mostly in the sidescan data.
 > -Dale

4464	09/04/2010 19:01:19	all	Event
Healy breaking off joint opps with Louis, ramping up for SW course to Barrow. -Bill S			
4465	09/04/2010 19:47:28	Multibeam	Operational Adjustment
Changed mode to very deep. -Steve			
4466	09/04/2010 20:49:27	Multibeam	Operational Adjustment
Changed ping mode to auto. -Steve			
4467	09/04/2010 21:14:01	Multibeam	Operational Adjustment
Change ping mode back to very deep. -Steve			
4468	09/04/2010 23:14:29	all	Watch stander change
Helen G. and Peter T. on watch. PJT			
4469	09/05/2010 03:00:14	all	Watch stander change
CS on watch.			
4470	09/05/2010 05:16:21	Other	Event
Pablo deployed MetOcean #98990 SVP ocean drifting buoy. Lat 74°57.176'N Long 142°08.211'W Time 21:00 UTC CS			
4471	09/05/2010 05:19:59	XBT	Event
XBT completed. Sequence #113. Serial # 01053512. CS			
4472	09/05/2010 05:34:36	Other	Event
Steve entered new sound speed profile hly1002_T7_00113.asvp. cs			
4473	09/05/2010 07:53:38	all	Watch stander change
Danforth Stevenson on watch			
4474	09/05/2010 12:11:08	Subbottom Profiler	Operational Adjustment
Phase to 16 (3750-4250)			
4475	09/05/2010 15:57:30	all	Watch stander change
TFO & BE			
4476	09/05/2010 17:23:37	XBT	Event
XBT T7_00114 Sequence # 114 Serial: 01053511			
4477	09/05/2010 17:54:11	Multibeam	Operational Adjustment
New SSP HLY1002_xbt114_woa.asvp using XBT 14 and WOA for Salinity, Used CTD 4 and Levitus for depth. Tom B			
4478	09/05/2010 19:12:21	Multibeam	Operational Adjustment
New SSP from XBT95 -Dale			
4479	09/05/2010 19:30:22	XBT	Event
Slowing for another XBT.T5-00115 73deg4.27246'N 151deg14.50684'W Serial #: 00349240			

4480	09/05/2010 20:00:53	Multibeam	Operational Adjustment
New SSP using HLY1002 XBT T5_00115 corrected using levitus salinity and CTD006 for the deep. -Steve			
4481	09/05/2010 22:35:47	Subbottom Profiler	Problem
Subbottom software crash, computer got stupid. Rebooting windows in attempt to restart. -Dale & Bill S			
4482	09/05/2010 22:49:31	Subbottom Profiler	Resolution
Subbottom now back on. -Bill S & Dale			
4483	09/06/2010 00:28:17	Other	Event
Pablo is about to deploy two buoys. HG			
4484	09/06/2010 00:57:19	Other	Event
Pablo deployed one MetOcean #98988 and one Technocean #89886 SVP ocean drifting buoys. Lat 72°29.00'N Long 154°55.30'W Time approx 0035 UTC			
4485	09/06/2010 01:22:03	Multibeam	Operational Adjustment
Set Min Depth to 200m, Max Depth to 2000m and Force Depth to 1500m. PJT			
4486	09/06/2010 01:54:52	Multibeam	Operational Adjustment
Set Force Depth to 1000m. PJT			
4487	09/06/2010 02:03:34	Multibeam	Problem
PU Sensor error (1810). Clicked OK button. PJT			
4488	09/06/2010 02:11:49	Multibeam	Operational Adjustment
Set Max Angle on the port and starboard side to 75. PJT			
4489	09/06/2010 05:09:39	all	Event
Stopped all data collection for end of HLY1002. -Steve			

Please contact the Elog Administrator if you require a new system or system attribute.