

Journal 18

1. 272200Z January 05
 2. Position: Lat: 46-30.0S, LONG: 150-00.0W
 3. Course: On Station
 4. Speed: 10.1 kts
 5. Distance: 90.0 NM
 6. Steaming Time: 08H 54M
 7. Station Time: 15H 06M
 8. Fuel: 2,215 gals
 9. Sky: St 8
 10. Wind: 215-T, 20-25 Kts.
 11. Sea: 215-T, 4-6 Ft
 12. Swell: 230-T, 10-15 Ft
 13. Barometer: 999.2 mb
 14. Temperature: Air: 13.5 C, Sea: 13.3 C
 15. Equipment Status: Normal
 16. Comments: none
- MASTER, R/V ROGER REVELLE

We are at 48'S latitude and 150'W longitude heading south about 2 degrees a day. Broadcast yesterday from the bridge was fabulous....15ft swells...looked like an episode of "Victory at Sea" minus the submarines!...we had the camera pointing out of the chart room on the bridge. So they could see the back deck and were also able to watch a retrieval of the CTD....pretty spectacular and the good news is they didn't bang the CTD into the ship! They were very impressed with the view. Captain Dave did a great interview....twice...we did two broadcasts back to back. Dr Swift was supposed to interview but the CTD had just come on deck so he was down playing with his water..... Not much fun actually...big waves, very wet. But we are still making good time, ahead of schedule and no damage to people or CTD. You know its getting rougher when the "green table clothes" come out (green table clothes are those rubber no- slide mats!)...and the glasses are flying....Ed the cook did not look happy in the galley and paper plates are in vogue....

Growing group of Albatross behind us and a large group (about 30 or so individuals) of short-finned pilot whales were feeding just off the bow for about 1/2 an hour yesterday....right next to the ship, very cool...everyone got good pictures...



Pilot whales off the bow feeding on squid



Short-finned pilot whales



Bringing onboard the CTD in heavy seas.....

Haven't used my pills or patches yet, waiting for weather to get rough.....but they are now telling me if I am not sick yet, I am probably good to go....I am sleeping well, but the dinner table discussion was all about bracing oneself properly in the bunk so you are not thrown out.....I just curl up clutching the rail and I'm gone.....rocking makes me sleepy. Ongoing conspiracy by all doors on the ship to squash me.....but I am fighting the good fight and keeping my fingers to myself!!! Big boots and the full weather proof farmer john's have made a fashion forward appearance in the staging bay.....and we are not allowed on deck without safety vests and a darn good reason....when we were told about the whales we were all invited to view from the bridge.....where we had a great view of the group who decided to see them from the bow....with no vests....tongue lashing by 1st mate and Captain followed.....re-enforces my theory that common sense is not common.....

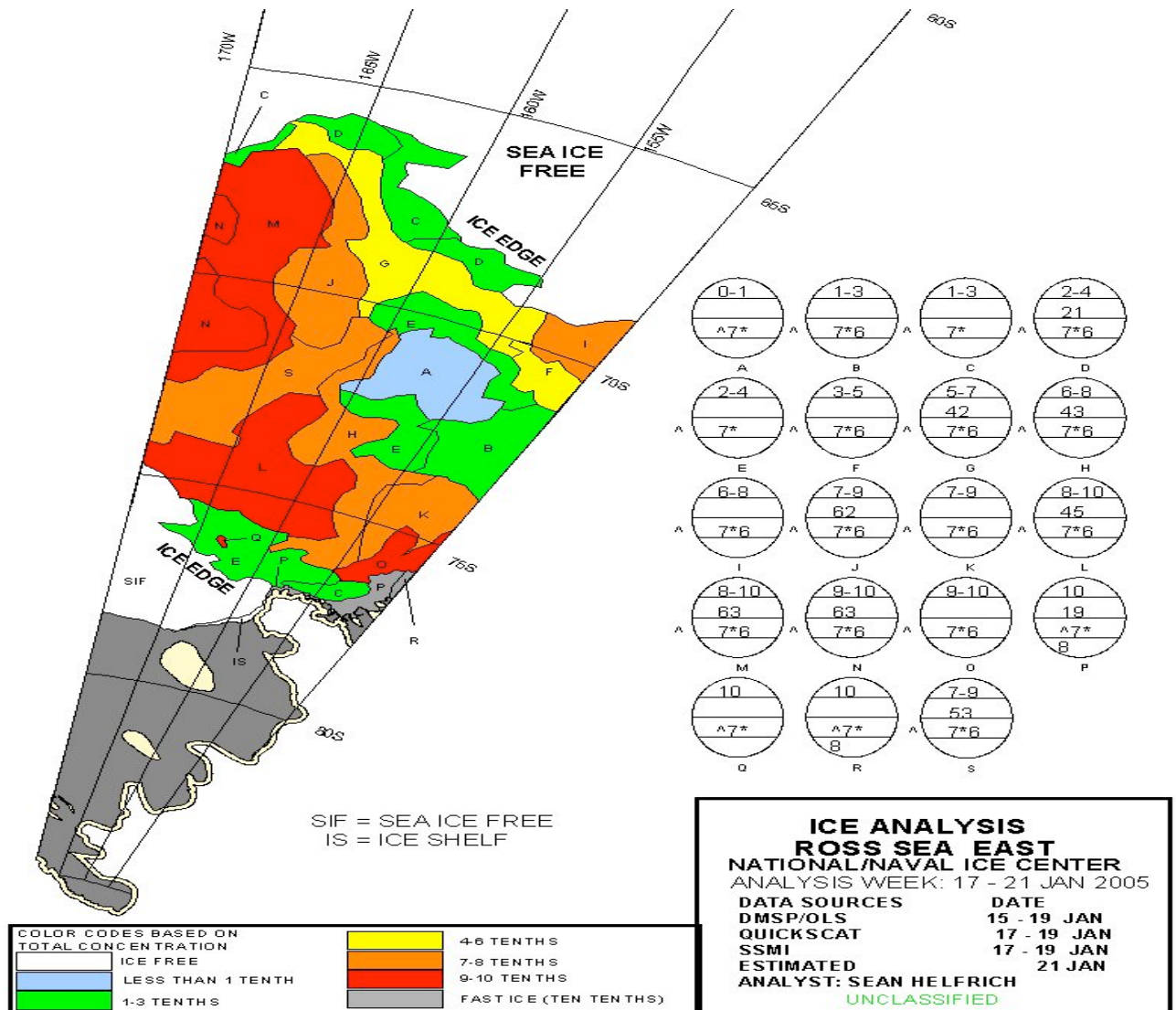
Recreation seems to consist of regaling ones shipmates with how many varied objects were flung around your cabin lately....seems we are still working on tying stuff down....things just seem to work loose..or are reproducing themselves faster than we can tie them down...not sure yet. Main labs are well secured...its the cabins that are hazardous. We have decided I need to tie the video camera to a post in the mess and film meal time on the high seas when we all "dance" to the rythm of the ocean...time to tie those chairs down, I almost took out two of my meal partners yesterday....one on each side....that seems to be one of the disadvantages of being small and light weight....I fly easier!!!!!! As you can tell I am having a lot of fun...hope the students enjoyed the show yesterday...it really did look spectacular...we are rigging another such set up with one camera on the back deck and one down in the engine room for our interview with the chief... Next week we will be interviewing the PMEL scientist; Dr. Chris Sabine, Dr. Chris Measures frm University of Hawaii and Dr. Swift....haven't chosen our "guest" for the big presentation....it will probably be from the bridge and all indications are we might at least see some ice by then.

We talked about how close we are to the ice shelf and whether we will see icebergs. Captain Dave sent me some great ice websites to both see icebergs and track them and also to answer questions about ice bergs. He told my students that the smallest icebergs were called "Growlers" and the next largest were called "Bergy Bits". To look for more information for your next journal on Ice and Icebergs go to:

<http://www.uscg.mil/lantarea/iip/Students/Default.htm>

<http://www.natice.noaa.gov/>

On the NOAA page go to Icebergs and click on Southern hemisphere to look for ice bergs to track down here.



This map shows the ice shelf and areas of floating sea ice...we are going to go to 67°S and 150°W...from the map can you see if we will see any ice bergs or not?

Questions for your journals:

Q. Where icebergs come from?

Q. How tall icebergs can get?

Q. Why smaller icebergs are more dangerous than bigger icebergs?

Q. Why small icebergs are called “growlers”?

Q. Why we don't shoot the icebergs, or blow them up, so they don't get in the way of ships?

Q. Why we don't mark the icebergs with paint to help us track them?

Q. Why we don't use ships to track icebergs?

Q. What kind of airplane is used to track icebergs?

Q. What are the different shapes of icebergs?

Q. What are the different sizes of icebergs?

Q: What are : Bergie Bits? Look them up on Google! See if you can find and paste a good picture of one and a description.

