

## Journal 24

### Thursday

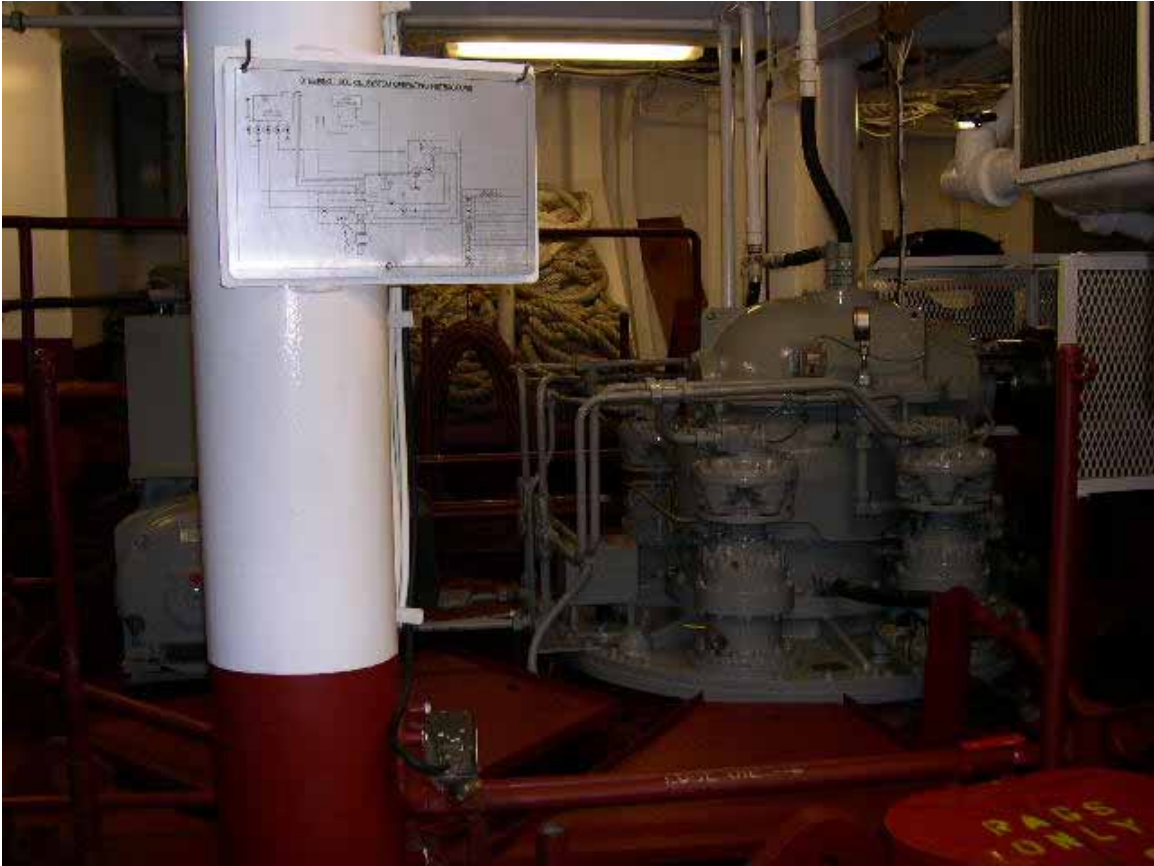
1. 032200Z February 05
2. Position: Lat: 58-00.0S, LONG: 150-00.0W
3. Course: On Station
4. Speed: 10.5 kts
5. Distance: 120.2 NM
6. Steaming Time: 11H 24M
7. Station Time: 12H 36M
8. Fuel: 3,135 gals
9. Sky: St, Sc 8
10. Wind: 240-T, 23 Kts
11. Sea: 240-T, 3-5 Ft
12. Swell: 240-T, 5-8 Ft
13. Barometer: 996.4 mb
14. Temperature: Air: 5.0 C, Sea: 2.2 C
15. Equipment Status: Normal
16. Comments: Iceberg sighted at 032000Z L 57-52S 149-41W.  
MASTER, R/V *ROGER REVELLE*

It's getting colder as we go south. We are still waiting anxiously to see an iceberg. We will do another broadcast today with the Chief Engineer, Paul Mauricio. We will be in the engine room of the R/V *Revelle*. Two members of the engine room crew, Randy and Rick, will be helping us by walking around with the camera as the chief narrates for us. Note that in the comments we have seen more icebergs.



Panoramic photo by Jim Swift

This is a good sized iceberg. It is estimated it to be about a mile long. We will probably start seeing quite a few more of them now as we head further south.



Z-drives in the engine room. There are 2 of them and you can see a schematic of the design on the pole in the foreground.



Hey! This is high tech, too!

During the interview with Chief Engineer Paul Mauricio he described to my students what it means to become a “blue nose” a “red nose” and a “shellback”. A blue nose is someone who has crossed the Antarctic circle. A red nose is someone who has crossed the Arctic circle. A shell-back is someone who has crossed the equator on a ship. It is part of traditional lore of the sea and sometimes there is a ceremony accompanying the

presentation of a certificate. It is all in good fun and I will post some pictures that they had from the last Equatorial Crossing.

Probably by about Tuesday February 8th, we will reach the Antarctic circle. We are traveling at about 11 to 12 knots per hour and about 2 degrees per day, which is approximately 60 miles per degree or 120 miles per day. At this rate, weather and sea conditions permitting, we may make it down to 70°S or that vicinity. We will keep looking for penguins and snow.....now where did I put my wool gloves..... ooh and on deck we can wear Mustang Suits; all weather safety suits.



Mustang suit modeled here by Dr. Bill Landing

Oh, and about those icebergs; did you ever wonder how we keep going at night and don't bump into any of those pesky little critters? Well we do have radar, but some of the small icebergs (the size of a car is small!!!) don't show up on the radar. So during the day, crew-members on the bridge watch out for icebergs with binoculars and at night they use night-vision binoculars.



Joe on the bridge through the night viewers.