

SITREP 4, January 5, 2015; Day 26 at WAIS Divide
Donald Voigt, I-477, SCO Rep

1. Passenger Movements

- A. We had our first LC-130 flight since 12/19. D019 arrived on 1/4/15. The subsequent flight scheduled for 1/4 was canceled but was flown on Monday.
- B. Out; Burkett, I-477; Bay, I-172; Bok, I-166.
- C. In; 4 with I-166, 2 with I-172 and 1 with T-350. 2 with T-350 on Monday along with the Carpenters to support work in the Arch

2. Camp Activities

- A. Current Camp Population, 45; G-079, 6; I-161, 3; I-166, 4; I-172, 2; I-475, 1; I-477, 1; T-299, 1; T-350, 4; T-500 (KBA), 3; ASC, 20.
- B. Camp was in good condition before the storm that seems to never end. The skiway was at full ACL. Cleanup and grooming continues after the storm. The Arch doors were dug out today.
- C. The Twin Otter is supporting PoleNet (G-079) and other activities.
- D. Camp celebrated the New Year with dinner on 01/01. Staff had the 2nd and 3rd off, then worked Sunday.
- E. Fuel was a concern until we received 2000 gallons from D-019 and another 1600 from D-020.
- F. To save fuel the 225 kW generator had to be shut down. Power in the Arch was off but camp was powered by the 40 kW generator. The 225 kW generator was brought up again on Monday to support borehole logging and Arch deconstruction
- G. Weather; Temperatures have warmed but that comes at the cost of coastal storms with sustained high winds and snow. Drifting has become significant. Our first break in the weather was on 1/4, just in time to receive a Herc flight.

3. Borehole Logging, Status

- A. Gary completed two logging runs. In his first run Gary determined the fluid level to be at a depth of 58.7 meters and the bottom depth to be 3384.7 ± 0.5 meters. This will be refined based on data from Ryan's logging.
- B. I-161 and I-172 successfully tested tools on the winch and are ready to start logging when Gary is finished.
- C. I-161 finished loading shot holes for their Seismic Experiment and the second and third lines were shot during lulls in the winds. A shallow refraction line was shot on 1/4 and another set up on 1/5 but canceled due to high winds.

- D. Ryan Bay (I-172) finished his part of the project's logging on 12/26 with two optical logs. He reports his data to be of high quality from the analysis he can do in the field.
- E. The rest of I-172 and I-166 arrived on 1/4 and are ready to start borehole logging. I-166 tested their tool and started downhole on Monday.

4. Arch Deconstruction, Status

- A. Two Carpenters arrived on 1/5 with two members of T-350 to assist with work in the Arch.
- B. Work continues to box up all the loose items left from ice core processing. Dismantling of the "buffer table" is complete. Crating of the 4 meter core trays and longer parts from the MK table are next.
- C. Work in the Arch was not possible for several days during the storm. Lack of lighting in the Arch and not being able to open the Processing Side doors made it too dark to work.
- D. Several items were requested for use at the SPICE Core project, these were located and sent via Guard Mail. The last, a replacement blower for the FED is on its way to Pole.

5. Other

- A. Lia-Bun Bok, with I-166, nearly completed his radar work. He departed for McMurdo and redeployment while Pettit will finish the work.
- B. Kiya Riverman (I-161) presented the Monday Night Science Lecture which was well attended.