

SITREP 3, December 29, 2014; Day 19 at WAIS Divide  
Donald Voigt, I-477, SCO Repz

1. Passenger Movements

- A. We have had no LC-130 flights since 12/19.
- B. At WSD; I-477 (2), I-161 (3), I-166 (1), I-172 (1), I-475 (1), T-350 (1)
- C. In McMurdo; T-350 (3), I-166 (4), I-177 (2)

2. Cargo Movements

- A. None.

3. Camp Activities

- A. Current Camp Population, 35; G-079, 4; G-099, 3; I-161, 3; I-166, 1; I-172, 1; I-475, 1; I-477, 2; T-299, 1; T-350, 1; T-500 (KBA), 3; ASC, 15.
- B. Camp is in good condition. The skiway is at full ACL.
- C. The Basler was in town supporting the Gimble project (G-099) until 12/27 then returned to McMurdo with some of the project members.
- D. The Twin Otter is supporting PoleNet (G-079) and other activities. The PoleNet traverse (4) left on 12/27 after delays due to a snowmobile breakdown.
- E. Camp celebrated Christmas with dinner on 12/24. Staff had the 25th and 26th off, then worked Saturday and Sunday.
- F. Camp's email system was down for several days due to the generator being shut down for the I-161 seismic experiment. When the generator was started again there was some difficulty rebooting the email system.
- G. Fuel continues to be a concern and will be until an LC-130 arrives.
- H. Weather; We have had very cold temperatures and moderate winds. Some drifting has begun but is not significant.

4. 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  $3384.7 \pm 0.5$  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
- D. Ryan Bay (I-172) finished his part of the project's logging on 12/26 with two optical logs.

E. I-161 had instrument difficulties in their first night in the borehole (12/25). After further testing and a modification of settings the second night was more successful. Shooting of the "A" line (along Ice flow) was completed on Saturday night. The data from the borehole is being analyzed to determine the course of the experiment.

5. Arch Deconstruction, Status

- A. Two Carpenters will be coming out with 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 should begin today.
- C. 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 still sitting at Comms while we wait for an LC-130.

6. Other

- A. Lia-Bun Bok, with I-166, has continued his radar work despite the rest of I-166 being in McMurdo. His measurements at the WAIS Divide have begun and are ongoing.
- B. I presented the Monday Evening Science Lecture to a full galley. The topic was "Physical Properties of Ice and the WAIS Divide Ice Core Project".