

# SITREP 10.5, January 25, 2012, Day 41 at WSD

Donald Voigt, Chief Scientist, WAIS Divide

Written at WAIS Divide

## I. Passenger movements

### A. SCO

1. G. Clow returned to McMurdo on 1/23.

### B. IDDO

1. S. Hansen returned to McMurdo on 1/23.

## II. Cargo Movements

- A. Retro cargo is streaming to McMurdo. We received the AFP blankets back from town along with the temperature loggers from the cold deck (see below).

## III. Camp Activities

- A. Current camp population, 29, 7 T-350, 3 I-477, 14 RPSC, 5 NANA; All is well.
- B. Julie Palais, Lindsay Powers (RPSC Planning) and Sonia Esperansa (NSF AISS Program Manager) arrived for a turn-around tour of camp. We managed a quick tour of the Arch and they had a change to see the replicate coring drill on the tower.
- C. The processing-side freezer units are ops-normal.
- D. One 225 kW gen is still down and will not be repaired before the EOS. It will be brought down as soon after drilling as possible. Town will be powered from the 40 kW generator.
- E. All heavy equipment is working, the D-4, 953, Tucker and Pisten Bulley.
- F. Camp has started preparations for close-out. The carpenter crew arrives Wednesday, 1/25.
- G. Our GOES satellite system is scheduled to come down on Thursday, 1/26.
- H. The Logging and Arch Jamesways have been emptied and dug out and are ready to come down.

## IV. Drill Depth and Time

- A. Work has continued on the replicate coring drill. No core was obtained.
- B. The borehole camera is working now. Images of the region around the deviation were obtained. Nothing was seen that indicates a problem that would stop work on the deviation.

## V. Status of Borehole Logging

- A. Borehole logging is on standby until the deviation has been started.
- B. The winch power was rerouted directly to the winch tent so the logging Jamesway can be brought down.

VI. Other

- A. Temperature loggers from the cold deck indicated a very successful evolution. Loggers on the top of the forward pallet, on the outside of the blanket showed temperatures staying between  $-9^{\circ}$  and  $-10^{\circ}$  C for the duration of the flight. Temperature spikes occurred on loading and unloading the aircraft but never exceeded  $-3^{\circ}$  C for more than 30 minutes.
- B. Position of WDC12A borehole is  $79^{\circ} 27.86' S$ ,  $112^{\circ} 06.69' W$ .
- C. Jay Johnson and I are planning to request a joint out-brief with RPSC/NSF upon his arrival in McMurdo. I will set that up when I arrive in town.