



PROJECT SITUATION REPORT DISC Drill 09-10 Season

Project:	T-350-M				
Project Principal Investigator:	Dr. Charles Bentley				
Report No:	4	for period	11-30-09	through	12-06-09
Prepared by:	Jay Johnson			Date:	12-06-09

ICDS Personnel on Site:	Kristina Dahnert (WSD) Jay Johnson (WSD) Elizabeth Morton (WSD) Dave Ferris (WSD) Nicolai Mortensen (WSD) Lou Albershardt (WSD) Steve Polishinski (WSD) Patrick Cassidy (WSD) Josh Geotz (MCM) Robb Kulin (MCM) Ben Gross (MCM)
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ACTIVITIES DURING PERIOD

- Elizabeth, Dave, Lou, and Patrick arrived at WAIS Divide on Wednesday.
- Set the computer equipment up in the control room.
- Installed the winch power cabinet and powered up the winch.
- The carpenters cut back areas of the slot walls to provide clearance for the drill tower. At this point the slot opening through the floor has adequate clearance to the tower.
- Unpacked the winch DNF crate and Sonde crate.
- Set up the tensioner and spooled the new cable onto the winch. The tensioner and cable spooler are going to be sent back to MCM and stored on the WAIS cargo line. The old cable is going to be sent back to MSN by way of the vessel.
- The new level wind control is working well. The turn around limit switches need some continued fine tuning; otherwise it did a flawless job of tracking during spooling.
- Organized the shelving in the arch containing the safety equipment and spare parts.
- Extended slot end wall drip pan.
- Removed the slot drip pan section that surrounds the casing. Shortened the casing by 10" and reinstalled the drip pan. Cleaned the slot drip pans and replaced the cable wiper brushes on the hole cover.
- Cable termination is nearing completion. The Farmore connection is installed and the optical connectors have been installed on both ends of the cable. Monday we will polish the fibers and pot the Farmore connector.
- Did a through cleaning of the winch, level wind, and tower base to remove cable

debris and snow.

- The hot air blower for the screen cleaning system still doesn't work. The control board was replaced over the summer, however Steve tore into it and found the blower motor is bad and a few components that are not part of the control board are also burned out. We are having the carpenters build us a fitting so we can implement our back up heater in place of the hot air blower.

SAFTEY

- Installed and calibrated the air monitor
- Placed the fire extinguishers in the arch

COMMENTS

(Problems, Concerns, Recommendations, Etc.)