



PROJECT SITUATION REPORT DISC Drill 2010-11 Season

Project:	T-350-M				
Project Principal Investigator:	Dr. Charles Bentley				
Report No:	11	for period	1-30-11	through	2-05-11
Prepared by:	Jay Johnson	Date:	2-06-11		

ICDS Personnel on Site:	Patrick Cassidy (Departed WSD on 1/31/11) Kristina Dahnert (Departed WSD on 1/31/11) Dave Ferris (Departed WSD on 1/31/11) Josh Goetz (Departed WSD on 2/2/11) Jay Johnson (Departed WSD on 2/2/11) Jay Kyne (Departed WSD on 1/31/11) Elizabeth Morton (Departed WSD on 1/31/11) John Robinson (Departed WSD on 1/31/11)
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ACTIVITIES DURING PERIOD

- Final weekly report for the season.
- Patrick, Krissy, Dave, Jay K., Elizabeth, and John flew from WSD to MCM on Monday.
- Josh and I flew from WSD to MCM on Tuesday.
- Repaired both gantry crane pendants. The electrical cable had pulled out of the connector grommet exposing the wires. The cable was reinserted and the strain relief cables were adjusted so they will carry the weight of the pendent.
- Removed the VFD controllers from both cranes.
- Packed the early season put in DNF Hardigg.
- Added ball valves to the outlet of the centrifuge and sonde nitrogen purge regulators. The cylinders can now be left on between use and the supply can be shut off with the new valves.
- Packed the MECC and had it moved to the winter berm.
- Removed and inspected the crown sheave. The bearings on one side of the hub had a couple of rough spots when rotated (felt like a piece of grit in the bearing). I was going to replace the bearings, however once the sheave had warmed up in the MECC the bearings ran completely smooth. The level wind sheave had the same condition. The hub on the crown sheave was disassembled and inspected. No damage or wear was seen. It was reassembled with a film of Aeroshell 22 grease between all matting surfaces.
- Did maintenance on the sheave cable groove wipers.
- Put returning gear into the USAP cargo system for either COMAIR back to MSN or hold in MCM for DNF winter storage.
- The winch control cabinet crate was too tall to fit through the garage door at the MEC, our winter over DNF space. It will be sent to CHC for the winter.
- Attended our outbrief with RPSC and NSF representatives.

SAFETY

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| <ul style="list-style-type: none">• Nothing to report |
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COMMENTS (Problems, Concerns, Recommendations, Etc.)
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