

PROJECT SITUATION REPORT DISC Drill 2014-15 Season

Project: T-350-M

Project Principal Investigator: Dr. Mary Albert

Report No. 1 **for period:** 12/8/14 **through:** 12/14/14

Prepared by: Jim Koehler **Date:** 12/14/14

IDDO Personnel Onsite:

Jim Koehler

Jeffrey Donenfeld

Don Kirkpatrick

Mike Waszkiewicz

ACTIVITIES DURING PERIOD

- Arrived at McM, attended all required training
- Found and TCN'd returned equipment from WAIS (tanks and hopper)
- Turned over fire extinguishers to haz waste since they were out of date and checked out current extinguishers from BFC for use in arch
- Found and inventoried Prairie Dog drill and started process to return to Madison
- Found and photographed small Hotsy HW drill for possible turnover to IDDO
- Found and will hand carry DNF drives for gantry cranes
- Checked out sleep kits and TCN'd

SAFETY

- No issues

COMMENTS

(Problems, Concerns, Recommendations, Etc.)

- No issues

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Report No. 2 for period: 12/14/14 **through:** 12/21/14

Prepared by: Jim Koehler **Date:** 12/21/14

IDDO Personnel Onsite:

Jim Koehler

Jeffrey Donenfeld

Don Kirkpatrick

Mike Waszkiewicz at WAIS

ACTIVITIES DURING PERIOD

- Awaiting C-130 flight to WAIS
- Flights rescheduled due to Congressional Delegate taking priority, next possible flight 12/23. Bumped from 12/22 scheduled flight by NSF reprioritizing PAX.
- Jeffery and Jim continuing to volunteer time at BFC

SAFETY

- No issues

COMMENTS

(Problems, Concerns, Recommendations, Etc.)

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Project Principal Investigator: Dr. Mary Albert

Report No. 3 for period: 12/21/14 **through:** 12/28/14

Prepared by: Jim Koehler **Date:** 12/28/14

IDDO Personnel Onsite:

Jim Koehler

Jeffrey Donenfeld

Don Kirkpatrick

Mike Waszkiewicz at WAIS

ACTIVITIES DURING PERIOD

- Awaiting C-130 flight to WAIS
- Flights rescheduled due weather, holiday, maintenance, and low availability of C-130s on continent, next possible flight 12/29 as a backup to Pole.
- Met with Ryan Wallace and Chuck Amsler NSF to discuss possible extension of time at WAIS. Still scheduled for off-ice date of 13 Jan 2014
- Also discussed with Ryan and Chuck the importance of extending the borehole this season.
- Contacted heavy shop regarding cabling and snatch block for pulling drill winch from pit

SAFETY

- No issues

COMMENTS

(Problems, Concerns, Recommendations, Etc.)

- All are concerned with having adequate time to safely accomplish drill pack up and borehole extension knowing other groups still want access to the borehole this season.

PROJECT SITUATION REPORT

DISC Drill 2014-15 Season

Project: T-350-M

Project Principal Investigator: Dr. Mary Albert

Report No. 4 for period: 1/05/15 **through:** 1/12/15

Prepared by: Jim Koehler **Date:** 1/12/15

IDDO Personnel Onsite:

Jim Koehler at WAIS

Jeffrey Donenfeld at WAIS

Don Kirkpatrick at WAIS

Mike Waszkiewicz at WAIS

ACTIVITIES DURING PERIOD

- Don and Jeffrey arrived at WAIS on 1/06
- After camp familiarization and tent setup, toured arch with Don, Jeffrey and two carps from McM
- Were notified we were extended at WAIS until 24 Jan
- Installed blue crane VFD, removed panel from yellow crane to install VFD and found broken wire in VFD
- Started pack up of small items and disassembly of mixing tank and centrifuge
- Blue crane hits arch wall before getting to slot, concentrated on winch pit clean out.
- Mike W. and Jim ran 12 hour shifts operating logging winch for Erin Pettit's group most of the week.
- Logging winch developed a slight noise, possibly bearing in the gearbox, when tripping up. Inspected gearbox and it looks ok, otherwise winch operated very well. Have made a list of suggestions for future logging winch operations.
- Successfully and safely disconnected and removed levelwind, it was dragged to cargo, needs fluid removed from bottom.
- Successfully and safely removed winch after removing both motors and hydraulic brake system and cutting snow floor by entrance to accommodate a sled with an Air Force pallet. 953 needed assist from the D4 near the top of the ramp in soft snow.
- Loading cables and drip pans into cable crate under winch drum
- Organizing and pack up continue along with identifying crate and pallet needs
- Carps build pallet for winch motors, large winch motor mounting cylinder, and levelwind motor.
- Took Sunday off along with camp staff, Jeffrey and Jim went through the container inventory and identification along with sorting waste that's building up in the arch.

SAFETY

- No issues

COMMENTS

(Problems, Concerns, Recommendations, Etc.)

- Had difficulty during logging communicating with Don and Jeffrey how the pack up should go resulting in original packing lists not being followed and confusion regarding some item descriptions.
- Would not recommend having the only person who knows what things are off doing logging long term with no ability to leave and monitor pack up.

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Report No. 5 for period: 1/12/15 **through:** 1/19/15

Prepared by: Jim Koehler **Date:** 1/19/15

IDDO Personnel Onsite:

Jim Koehler at WAIS

Jeffrey Donenfeld at WAIS

Don Kirkpatrick at WAIS

Mike Waszkiewicz at WAIS

ACTIVITIES DURING PERIOD

- Don K. is out sick along with several others due to 24 hour GI bug.
- Jeffrey continues with updating the inventory and assisting with Merlin's logger along with Mike W.
- Levelwind, Winch, and Tower pallet are ready to ship
- Got yellow crane operational, was pinched between the shifting tracks
- Winch pit matting removed and palletized
- Snow block wall built in winch pit at slot end and winch pit back filled with snow
- Shipping container organized and mostly filled, left room for tool chest, tents, rigging and rest of tools
- Logging winch is disassembled and packed
- Managed only a partial day Sunday due to generators running out of fuel and camp having the day off.

SAFETY

- No issues

COMMENTS

(Problems, Concerns, Recommendations, Etc.)

- Our date to leave has been moved forward to 22 Jan from the 24th, not sure enough time is available to disassemble both cranes
- Doesn't appear as though any of our cargo will make it out this year due to reduced flights
- Three days left to clean slot, palletize control room, disassemble both cranes, remove and pack crane tracks, cable trays and electrical panels and transformer.
- Will stage some cargo in arch along with bore hole casing.