1) Health, Safety & Environment

   No reportable incidents.

2) McMurdo Operations

   • Personnel on Site:
     
     Frank Rack, Dar Gibson, Graham Roberts, Chad Carpenter, Daren Blythe, Justin Burnett, Jeff Lemery, Dennis Duling, Adam Melby, Robin Bolsey

   • Summary:
     
     Plumbing: Minor plumbing adjustments made in RCU.
     Electrical: Work continues on generator wiring. Modifications to mobile power distribution tower for melt tank/flat rack completed.
     General: Ethernet cable fabrication/installation continues. Hydraulic brakes in RCU charged w/ fluid; reel brakes seem to be working normally. Sensor wiring at main tank and in RCU continues (pH and conductivity sensors wired in RCU). Flat rack EAD box mounted; power cable made for glycol pump. The moon pool deck was pulled into place in front of the RCU to see how the crescent support system will work with it; some problems encountered (see below). UV light box inspected; planning for how to mount it to the moon pool deck begun.

3) Upcoming Events/Tasking:

   • Continue/complete tasking above; configure spare air compressor (add plumbing hookups) as time allows; move 300m hose from main reel to return water reel; load 1 km hose onto main reel; test generator and glycol/snowmelt system. Resolve issues w/ crescent support system legs (see below).

4) General Issues:

   • The aluminum crescent support legs were found to be too long for moon pool deck height (legs cannot adjust short enough to rest on the deck). Some options are being discussed for shortening the legs; ideally we can get them cut and rewelded on station. This situation is still evolving.
5) Weather Conditions
   - Temperatures ranged between 25 and 35ºF during the day. Sunny and warm with light winds.

6) Vehicles/Generators
   - Vehicles in use: Caterpillar 297 skid steer, Mattrack pickup.
   - Generators in use: Two WISSARD 50 kW generators; portable 3.5 kW and portable 1 kW from ASC. Large generators are not operational yet.

7) ASC Interfacing
   - Two ASC electricians still on loan to help with electrical work.

8) Cargo
   - UV light box delivered to site. Moon pool deck (w/ DOER winch mounted) and FASSI crane (on sled) brought to site.

Compiled by Daren Blythe for the WISSARD drill team