WISSARD BOREHOLE DRILL CONTRACTOR (WBDC)
DAILY REPORT FOR 10 DECEMBER 2012
USAP Event C-524-M

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 modifications to glycol system made to facilitate pumping initial glycol
     into system. Remainder of drill hose wound onto main hose reel. Final surface line (from
     HPU1 to melt tank) fabricated.
     Electrical: Generator wiring largely finished. Work continues on network/control/sensing
     system.
     General: Crescent support extended over moon pool deck; tent assembled over moon
     pool deck.

3) Upcoming Events/Tasking:
   • Mount rear crescent support legs to crescent support rails; charge glycol system with
     glycol; begin preparations for drilling first test hole.

4) General Issues:
   • We will likely be ready to commence drilling in 2-3 days; however, we are waiting for the
     diesel engines in the main generators to be readied for starting by ASC personnel (see
     ASC Interfacing below) and do not have a firm timeline as to when this will happen.

5) Weather Conditions
   • Temperatures ranged between 30 and 40ºF during the day. Mostly 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.
   - We are currently unsure as to the plans for completing the work on the diesel engines in the big generators and getting the waste heat recovery system online. The engines still need fluids and other preparation before starting. While we may be able to drill a test hole with the 50 kW gens currently online, we cannot melt snow to generate our own water for drilling without the large gens. Dennis Duling and the ASC team will discuss the best path forward to get these units operational.

8) **Cargo**
   
   No cargo delivered to site today.

Compiled by Daren Blythe for the WISSARD drill team