SALSA ON ICE REPORT: 07 November 2017 Compiled by Billy Collins

Weather:
Weather conditions, sunny, winds 15 knots, temperature minus 7C

Team member Bob Zook arrived

SALSA Drillers on ice: Dar Gibson, Graham Roberts, Dennis Duling, Joshua Mehlin, Justin Burnett, Ed Krula, Anatoly Mironov, Bob Zook

Other team members on Ice:
Bob Zook, Ryan Venturelli

SCINI Project Update
• The day started with Crary lab training. That slid into Environmental training. The second half of the day was spent rounding up and scheduling pickups of our requested support items. Getting a project rolling down here is not always exciting. The winch arrived and is sitting on the Phase 3 loading dock. That felt like progress.
• Then Dennis delivers a package he had carried down from the states that had the winch slip ring in it. I got a sick feeling when i saw that the box was covered in TSA tape. Sure enough TSA had inspected the box then just crammed what looked like wires back into the box. There was also packing material missing. The slip ring had bounced around and slid down to the end of the box and crushed the fiber optic cable that comes out of a tube on the end of the ring. This is a bad thing for one main reason. The slip ring is one of our only single points of failure in the entire SCINI project. I will let you know tomorrow if its ok or if we now have to call upon our improvisational super powers to put this project back on the road!
• Report by Bob Zook

Sediment Lab Update
• All day sea ice training where we climbed into the Haaglund and rode around on the frozen Ross Sea.
• Here we learned to identify cracks in the sea ice and assess the threats they pose on our safety while traveling in a light vehicle. The views couldn’t be beat either!

• When we returned to town I found out that power was turned on in the sediment lab today. A shipment is scheduled to come in tomorrow with my cleaning supplies and by Thursday I should be able to start the $^{14}$C cleaning.

• **Report by Ryan Venturelli**

**Drill Team Update**

• Drill computers and PLC control boxes are installed and wiring is almost complete
• Welding was finished on HRC corner locks
• HRC Side ladder is mounted.
• The large generator is running and HRC and Sediment lab are powered up and being heated up.
• LARS deck storage area has had the snow cleaned off and is being organized for more storage.
• NIU’s 40ft container is being melted out and being prepared for being crane picked and stored off ice until vessel.

• **Report by Dennis Duling**

Photo by Anatoly Mironov           Hose reel container being towed into position for testing