SALSA Field Report: 12.10.18. Compiled by Billy Collins

SALSA Science Team, Day 4 Update

- Yesterday was Sunday, a station day off, however the SALSA team did not take a moment’s rest in preparing and transporting science equipment to be put in the cargo system.
- Daily group meetings over today and yesterday included the discussion of cargo, borehole schedules, flight schedules, and preparing plans and protocols for the many different sampling scenarios that could occur during the course of borehole science operations.
- PIs Amy Leventer and Brad Rosenheim have been testing the CTD (Conductivity, Temperature, Depth) instrument and calibrating its data communication to the surface. This will be the first instrument deployed into the Mercer Subglacial Lake. Its results will give us information about the structure of the water column and will guide the rest of the project on how to proceed with sampling.
- The SCINI team have been working to install and program a new thruster onto the ROV and have continued to optimize its software along the way.
- The Education and Outreach team who are in the process of making three films, filmed the historic Scotts Hut, had an interview with Lead Scientist John Priscu, and have been working with the Drilling team on using a new lighting and camera setup for the Dr. Borehole camera which will inspect and film the borehole at Lake Mercer.
ROV Operator Justin Burnett working late into the night on the SCINI ROV