

SALSA Field Report: 01 Nov 2018. Compiled by Matt Siegfried

SALSA Geophysics/SALSA EM, Day 2 Update

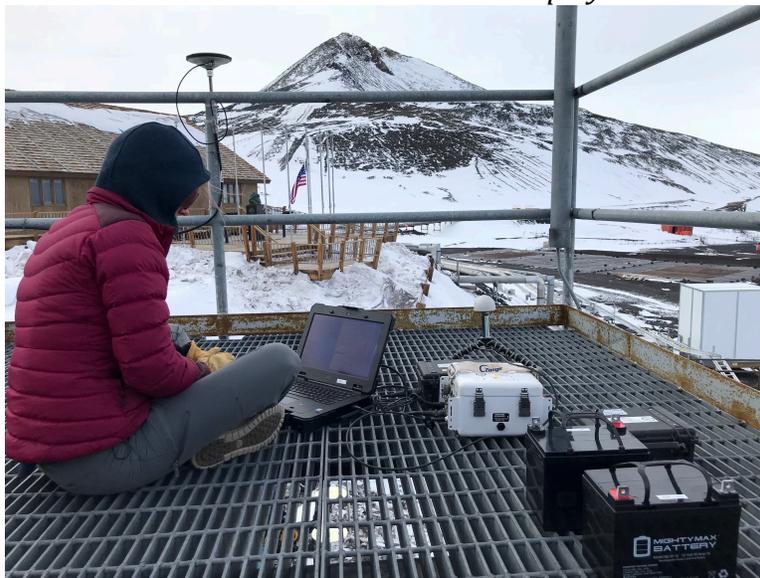
- Early days in McMurdo always bring a combination of training, meetings, and cargo; today was no exception.
- Kerry and Chloe unpacked their magnetotelluric receivers and EM data loggers and setup an extended cold weather test to see how the Antarctic conditions impact their equipment.
- Meghan and Matt spent the morning on a cold loading dock checking that the twelve GPS stations we are borrowing from UNAVCO for the season work as expected.
- Meetings and training continued with snow machine training, a sit down with SALSA Project Coordinator Rebecca Ricards, SALSA Traverse Project Manager Matthew Kippenhan, and Continental Field Supervisor Dean Einerson, and pick up of our communications equipment.
- Our day concluded with more equipment testing (Kerry and Chloe working on EM equipment; Meghan and Matt working with UNAVCO on the distributed temperature sensor power station for the long-term subglacial observatory that will be installed in the SLM borehole. Lead SALSA Driller Dennis Duling also made a cameo to show off his new tool to clear ice from the wire winch as wire is reeled in from the borehole.



Chloe and Kerry learn about a snow machine's clutch from Mechanical Equipment Center supervisor Tony Buchanan.



Matt stares at the camera while Meghan diligently works at testing solar charge controllers in the GPS stations we will deploy this season.



Chloe sets up a data logger to test how long we can run magnetotelluric experiments on just battery power.



Bonus picture! Matt unpacked phase-sensitive radars (provided by Australian Antarctic Division) in the back of the Science Cargo building while the PBS show NOVA interviewed McMurdo friends Krista Myers and Maddie Myers (no relation) about how scientists pack for work in the Dry Valleys. Tune into PBS sometime in the future to see Matt in the background of some shots modeling the official SALSA t-shirt!