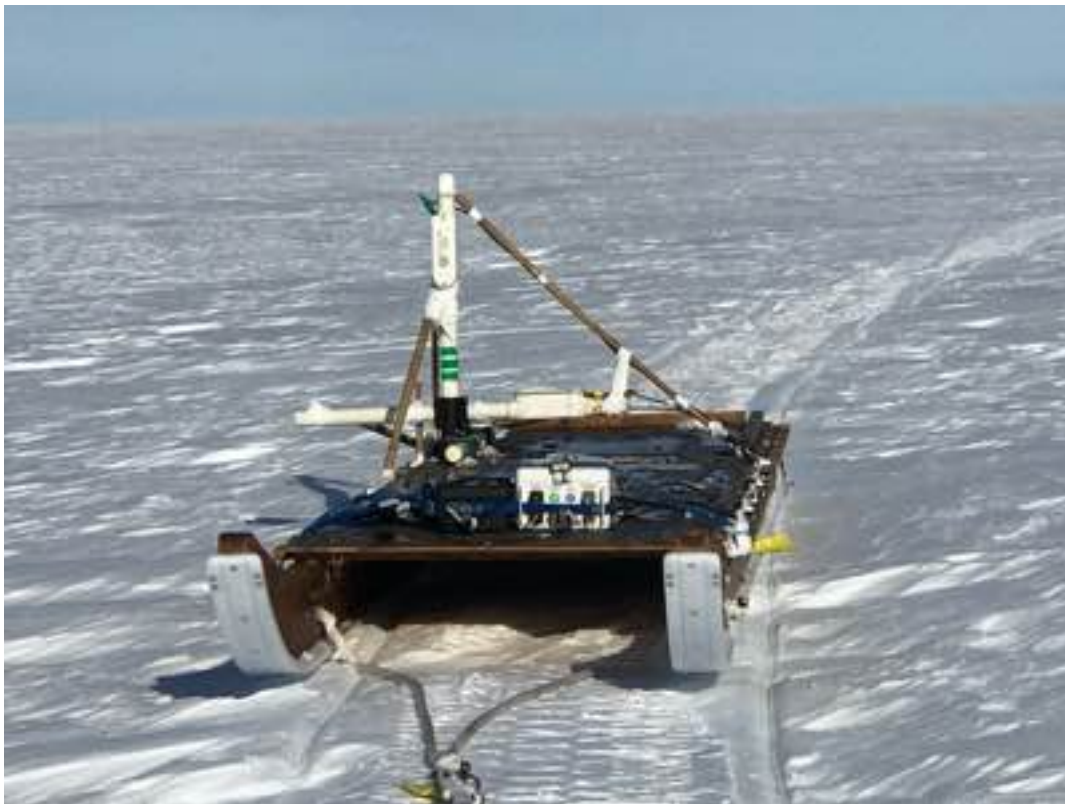


SALSA Field Report: 22 Dec 2018. Compiled by Matt Siegfried.

SALSA Geophysics/SALSA EM, Location: Whillans Subglacial Lake

- Beautiful weather overnight meant that we'd go ahead with our plan to occupy our final MT station, leave one other nearby station running, and clean up the rest of the ice stream. This work took a little under four hours, giving us with some free time to finish up our last projects at SLW.
- Matt and Chloe did GPS and radar surveys of both the bistatic experiment line and the EM transmitter. Kerry finished his "tipper mobile", where he had mounted three magnetometers on a komatick sled for rapid observation of the magnetotelluric tipper (a measure of how vertical the induced magnetic field is). He spent the evening testing his contraption and getting a feel for signal-to-noise ratios with different deployment scenarios.
- With our grid complete, we move into pack-up mode. Tomorrow we will recover the last two stations and pack up some of our gear to build a small retrograde cargo cache on the SALSA Traverse route. In the following days, we will pack up the rest of camp and drive up to Mercer Subglacial Lake to meet up with SALSA Camp.



Kerry's tipper mobile.