

SALSA Field Report: 12 Dec 2018. Compiled by Matt Siegfried.

SALSA Geophysics/SALSA EM, Location: Whillans Subglacial Lake

- Weather stayed great overnight and into the morning, resulting in low noise data on the three MT stations we had installed. Off to a good start at SLW!
- With good data all around, we dug up all three stations and moved them to their next locations in the grid. Our cross-flow lines are 5 stations long (10 km), which means we have occupied our entire first cross-flow survey line. Two days in and we're cruising.
- Kerry's snow machine started making abnormal rumbles with reduced power and a weak idle just before lunch time, so we drove back to camp to drop off his machine and finished up our day on three. We returned to camp with enough time before dinner for Matt to investigate the problem. He traced it to a kinked fuel line, which seems to have resolved the problem.
- The team was excited to hear that the first LC130 mission successfully brought 15 people to SALSA Camp at SLM. We'll be adding to that population once we finish up our SLW MT survey and service two more GPS stations.



Kerry checks data quality on the overnight recordings before we make the decision to move MT station O15.