

LAR STATION FIELD BOOK NOTES

D. McGrath (Daniel.mcgrath@colostate.edu)

March 28, 2023

October 31, 2009

- serviced LAR1 AWS
- raised all arms by ~1 m
- moved battery to surface
- did 2.5 m snowpit

November 18, 2009

- Serviced LAR2 AWS
- raised all cross arms by ~75 cm to 100 cm
- data logger battery read 1.7 volts, replaced and read 3.3 volts
- added 1 m to AWS power cable
- all channels works
- when we arrived, GPS power cable was separated; unfortunate since there was ~20 ft of extra cable but it was bundled on top of box

November 22, 2009

- serviced LAR3 AWS
- datalogger battery read 0.7 volts
- said it only had 16 files to download, but the record looked complete

November 20, 2010

- Serviced LAR3 AWS
- dug out battery boxes (a lot of work)
- added ~4 m of power cable extensions and added additional battery to to AWS box
- raised station, cleaned up cables, and checked everything

December 5, 2010

- serviced Lar1 AWS
- raised station by 3 m (1 full extension)
- downloaded AWS + GPS
- added one new battery to AWS
- both sonics were working
- extended power cables
- noted that HMP temperatures seemed odd – thermistors read -0.6 while they read -6 C

December 8, 2010

- serviced Lar2 AWS
- downloaded data
- replaced net radiometer domes
- dug 2.5 m pit

- spent awhile on GPS – kept saying error – battery had exploded
- added battery to AWS box

November 14, 2011

- Koni and Gino serviced LAR 1 and removed Lar 2
- all went well except the GPS antenna and cable were missing from Lar1, so we'll need to install cable from Lar3 station on pick up

November 16, 2011

- removed Lar3 station