**GC-Net field notes**

**Copied from D. McGrath’s field books on Jan 6, 2023**

**2009 Season**

4/24/2009

Visited NASA-U

63 cm of annual accumulation

Raised tower by ~2 m (cut down long extension)

4/26/2009

NASA-SE

Arrived at 4:10, -17 C

Replaced GOES antenna and CR10 with CR1000 datalogger

Did not raise tower, but slid bars up

Completed full snow pit

Station needs new batteries and will need to be raised next year

Saddle

4:45-8:30 pm, -24 C, increasing winds

Raised station with 3 m extension

Did not rewire CR100

Replaced GOES antenna but not enclosure- station need a new enclosure

No snowpit

No transmission

5/2/2009

Jar 1

Station is crooked, battery box pulled on tower

1.8 m of ice melt

Drilled 3.7 m into the ice

Re-wired and added new GOES transmission

5/10/2009

Installed EIS camera facing ENE at moulin AWS

AWS download did not work because of time clock issue

Did not lower station – 3 m in ice, 1 m in snow, 1 m above snow surface

5/15/2009

South Dome

Extended tower by 3 m

Had to cut thermistor cables

Battery was dead upon arrival – solar panels were facing NNE, yet bolts were tight??

Put two small batteries into box

Re-wired with CR1000 and added GOES antenna

**2010 Season**

4/30/2010

NASA SE

Re-wired to CR1000

Re-drilled to straighten pole

Saddle

Station looked bad?

Fixed box, cables and some sensors

Dye-2

Only downloaded data

5/1/2010

Dye-2

Rewired and raised by 3 m

5/7/2010

Flew from Thule to NEEM to unload cargo

Then flew to Humboldt – Koni downloaded data while Liam, Jay and I drilled a 15 m firn core

Then flew to Petermann (after dropping core at NEEM)

Downloaded data and added 2x100 Amp hr batteries

No transmission at this station

Then flew to GITS

Cold, -33 C and windy

Re-wired

Needs new wind

Raised tower

Worked from 11:30 pm to 5 am while pilots slept in rear hatch!

Then flew to NGRIP and removed station

5/9/2009

Rewired and fixed sonic

Added new GOES antenna

5/12/2009

Drove to Jar 1 with Liam and Koni

Drilled 3 m hole

Lowered Jar 1 with old tripod