
12 Aug 2014 (1215-0015 UT) OPERATOR: mcb

WEATHER INFO: Winds-> 1.4 mph @ 112, 17.8 C, 100.0% RH, 612.8 Torr, overcast

ARO 12-Meter Recommissioning:

1. Tom, Nick and Mike are on site.
2. We did some more troubleshooting of the az-encoder initialization problem.
3. We lifted the rx-installation porch into place and drilled holes for the bolts that will secure it to the platform. We practiced placing the lowboy into place and stepped through and verified the rx-installation procedures with Martin and Mark.
4. Martin and Mark brought the 3mmsbs receiver up just before lunch and stowed it in the lab.
5. Even with the water valved off, the toilet tank filled back up! The crack in the tank is leaking again.
6. The heavy weather moved in by ~14:00, bringing lightning and heavy rain.
7. Tom, under direction from Nick, modified the pt_model() routine to better match the results output from the 'tpoint' package. Made corresponding changes to the opticald program.

Installed pointing model V1.5; now if we could just check it out...

--TWF

12 Aug 2014 (1215-0015 UT) OPERATOR:

WEATHER INFO: Winds-> 4.7 mph @ 146, 16.8 C, 100.0% RH, 612.0 Torr

1) Rains continue.

2) 3mmSBS Receiver:

Tom and Nick rotated the receiver top flange 90 degrees CCW in order to align the locating pins properly. We also installed the remaining bolts and torqued everything down. The alignment is clocked so the receiver can be mounted with the card cage facing the front wall of the receiver cabin and the cryo lines exit toward the far wall.

Removed the angled receiver cover and replaced it with a 12" x 12" Aluminum sheet and taped it to cover the exposed hole.

Installed and bolted down the ALMA "X" lifting frame to the top of the receiver.

It's ready to be installed.

3) Made several more attempts to initialize the Az encoder. Fail...