
06 May 2014 (1215-0015 UT) OPERATOR: mcb

WEATHER INFO: Winds-> 14.1 mph @ 141, 10.8 C, 28.5% RH, 605.6 Torr, cloudy

APA 12-Meter Recommissioning:

1. Tom, Nick, Kevin, Mike, Sean, Martin and Bob are on site.
2. Mike Plank of H&E came and inspected the chain hoist. It passed.
3. We cleaned the rust off the elevation-pin porthole-cover flange.
4. We continued prepping the dish for installing the remaining panels:

-X-Y Section:

We scraped and painted the inner feed-leg mounting bracket.

We replaced the 2 missing ground-wire terminals.

We ran the pull rope from the feed-leg conduit through the under-panel conduit up to the pull box and connected the two sections of conduit.

-X+Y Section:

We scraped the inner feed-leg mounting bracket.

We confirmed all that all 3 ground wires have terminals.

5. Sean filled the rest of the HVAC chiller system with Glycol/Water mix, pressurized system to 1 BAR for over night leak check.
6. Sean and Kevin filled the HVAC indoor unit with Glycol/Water mix.
7. Martin and Kevin ran cables P701 and P702 from the ARO rack to the base of the elevation wrap.
8. Tom continued work on the optical-telescope mount.

06 May 2014 (0015-1215 UT) OPERATOR:

WEATHER INFO: Winds-> 12.3 mph @ 267, 18.2 C, 22.4% RH, 605.1 Torr

- 1) After dinner, Nick, Kevin and Tom installed the optical telescope and moved 'optical' up to the receiver cabinet. Once it got dark we began snapping frames and waited for a star to move into view. It took a while but we began to see rather large doughnuts drifting past. Began adjusting the focus to bring those doughnuts into focus. Reduced the integration time to 0.5 sec and, instead of streaks, we now have nice round stars.

After some time, we were able to identify patterns in the stars and was able to locate, on a planetarium program, just where we were looking. Turns out we are about 45' off. Most likely due to not being fully at zenith.