
26 Jun 2014 (1215-0015 UT) OPERATOR: mcb

WEATHER INFO: Winds-> 12.4 mph @ 132, 18.4 C, 49.2% RH, 610.5 Torr, clear

ARO 12-Meter Recommissioning:

1. Tom, Nick, Sean, Mike, Martin and Bob are on site.
2. Further troubleshooting indicated that the az-encoder initialization problem was likely due to a slight misalignment of the encoder. To test this hypothesis, we decided to test the encoder on the elevation axis instead, where it is essentially self-aligning.
3. We removed the encoder from the azimuth axis and installed it on the elevation axis.
4. We prepared the dish for movement in elevation, removing the steel cable we'd been using for moving the dish manually and emptying the cabin of all loose equipment.
5. Lucy and George arrived after lunch.
6. We resolved a bug in the wiring between the elevation-brake pressure sensor and the ACU.
7. We succeeded in both moving the dish in elevation with the PCU and in initializing the encoder. We were then able to move the dish under ACU control at full speed.
8. Tom was able to demonstrate correct communication between the elevation encoder and the console elevation display.
9. In the process of moving the dish in elevation, we found that the cables in the elevation wrap were under too much tension below ~70 degs. They will all need to be loosened!
10. George dissected the Blue IF box for parts and took one of the three, recently liberated power-supply racks downtown.
11. We cleaned a patch of rust off the outside of the azimuth bearing.
12. Sean began manufacturing in-house versions of the fifty or so lightning-protection cable mounts that we need.

26 Jun 2014 (1215-0015 UT) OPERATOR:

WEATHER INFO: Winds-> 7.7 mph @ 264, 29.1 C, 20.1% RH, 611.2 Torr