
15 Oct 2014 (1215-0015 UT) OPERATOR: mcb

WEATHER INFO: Winds-> 18.6 mph @ 147, 15.7 C, 50.6% RH, 610.8 Torr, clear

ARO 12-Meter Recommissioning:

1. Tom, Nick, Kevin, Mike and Sean are on site.

2. Sean brought up 21 60-lb bags of Kwikrete concrete mix for use in the west cable trench. We lifted them into the dome and onto a pallet. More to come...

Sean also brought up some conduit and fittings for use in the east cable trench.

3. We secured the cabin in preparation for tilting the dish past 90 degs during panel installation:

We lifted the turbo pump out altogether--to be on the safe side.

We lifted out the ladder and other loose equipment.

Tom drilled and tapped 2 holes in the front panel of the rx rack and secured the bottom 2 chassis with a rack screw each.

4. We continued clearing out the dome:

We lifted out the miscellaneous lumber--some for use on the loading dock, some for disposal.

We lifted out the lead counterweights and stowed them on blocks behind the small green shed--approximately 2200 lbs worth.

We lifted out the no-longer-needed, extra tool cabinet and returned it home to the clean-room in the lab.

5. Martin and George arrived at lunchtime. They brought up the test dewar and stowed it in the lab.

6. Mark and Amin from APA Metrics (no relation) came up after lunch to discuss our possible Echosorb requirements.

7. Martin confirmed suspicions from yesterday that the HVAC circulation problem was due to a stuck ATU valve actuator. He and Sean replaced the actuator with a spare and manually repressurized the system. We'll be keeping an eye on whether the valve itself has an issue.

8. George put ends on the LMR-400 5-MHz Reference and spare cables in the cabin.

9. Tom and Kevin cleaned out the entire length of the east cable trench (from the pedestal to the back wall of the locker room) and laid a pair of 2-inch PVC conduits inside.

15 Oct 2014 (0015-1215 UT) OPERATOR:

WEATHER INFO: Winds-> 12.6 mph @ 173, 18.7 C, 50.4% RH, 611.8 Torr

1) Nick and Tom remain behind to attempt pointing and check out the nutator.

2) We are using a sketchy pointing model, an unknown beam-throw separation and guessing on the initial pointing corrections. And all we have are weak-ass sources...

3) After many, too numerous to count, failed attempts to point on something, anything, we retire early and plan to arrive back in the dome at 4:00 AM and take our chances with Jupiter.

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4) Back on air 4:15 AM. Ah! Jupiter, so nice to see ya...