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16 Jul 2014 (1215-0015 UT) OPERATOR: mcb

WEATHER INFO: Winds-> 7.4 mph @ 287, 18.0 C, 77.5% RH, 612.5 Torr, ptly cloudy

ARO 12M Recommissioning/Summer Shutdown

1. Tom, Nick, Mike, Martin, Bob and Mark are on site.
2. We have a confirmed sighting of a rattlesnake living under the Big Green Shed. Its entrance is the hole in the ground just to the right of the door. We should all use extreme caution in that area for the time being--parking there is not advised.
3. Mike did PM on dome-drive motors #2 and #4. As with the other two, all the brushes and clips were good and there was no carbon dust to speak of.
4. Tom and Nick ran the fiber optic lines between the ARO Rack and the RX Cabin. We now have networking capability in the Cabin.
5. Bob and Mark installed the 2nd power distribution panel in the ARO Rack and wired it into the 5 KVA transformer, P702 and P121. We now have utility power in the RX Cabin.
6. Martin replaced circuit breakers Q12, Q13 and Q21 in the RX Cabin switchboard.
7. Martin routed the shutter-motor power cable into the RX Cabin.
8. Tom and Nick reinstalled and uncovered the optical telescope and began some imaging tests.
9. We removed the membrane and Nick attempted some water proofing of the receiver-flange bolt holes.
10. We continued work on the skirting cladding.

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16 Jul 2014 (0015-1215 UT) OPERATOR:

WEATHER INFO: Winds-> 19.1 mph @ 300, 29.2 C, 39.2% RH, 612.3 Torr

- 1) Nick and Tom performed a optical pointing run tonight and captured about 100 stars for pointing model fitting. Nice coverage considering the manual nature of our procedures

Not having a dome tracker proved particularly painful.

- 2) Got a nice image of Saturn through all the thick air. "First Light".
- 3) We encountered (4) "Control Task Failure" errors tonight. One about every 2 hours of heavy telescope use.