
10 Sep 2014 (1215-0015 UT) OPERATOR: mcb

WEATHER INFO: Winds-> 5.8 mph @ 258, 15.0 C, 46.2% RH, 610.9 Torr, clear

1. Tom, Kevin, Nick, Sean, and Mike are on site.
2. Visual inspection of the nutator determined that we did not break a spring yesterday after all.
3. Kevin got 16.5 gals of unleaded from up top for the man lift.
4. The compressed-air hose on the manlift sprang a catastrophic leak.
5. Bob, Martin and George arrived at lunchtime.
6. Sean and Kevin continued installing the lightning protection. They worked on the upper BUS ring, heat treating the rods as needed.
7. We reinstalled the left-side saddle panels after cleaning up the areas around both left el-drive rollers and adjusting both left el-drive lightning shoes.
8. Serial interface card CCSER-A S/N 001 was discovered to have failed. It will be taken to Tucson to be repaired.

Serial interface card CCSER-B S/N 10 was discovered to have failed. It will be taken to Tucson to be repaired.

The third serial interface card worked. Lucky us.

--RWF

9. Dave arrived at ~16:00 with his "Nutator Pulse Validator".

10 Sep 2014 (0015-1215 UT) OPERATOR:

WEATHER INFO: Winds-> 3.5 mph @ 301, 25.0 C, 48.6% RH, 611.3 Torr

- 1) Nick provided a rudimentary radio pointing model. Installed it.
- 2) We got the telescope together enough to attempt first light. Got the drives up, reset the elevation encoder, and aligned the dome.

Tsyes in the neighborhood of 650K ~30 degrees elevation. Channel 1 plumbed into both IF's of the filters. Didn't attempt to use the MAC yet.

Blindly pointed at SGRB2(OH) in the hopes of seeing anything.

BINGO: Nailed it! See pdf file here:

http://aro.as.arizona.edu/~tfolkers/ftp/SGRB2_OH_First_Light.pdf

Within 4K of "Standard Spectra" posted here:

http://aro.as.arizona.edu/12m_standspectra/sgrb2oh_1.0_co10.pdf

Mind you, there has been no pointing and no focusing.

18 Months, 10 Days, 6 Hours between scans...

- 2) Going around the sky taking PS data on various spectral line sources in the "standard.cat" catalog. Kevin minding the dome.

Found the following objects:

RH0-OPH: ~24.4K
M17SW: ~21.5K
W51M: ~10.6K
S146: ~4.0K

Lots of weaker ones were unseen. Most likely pointing...

- 3) At some point during tonight's observing, the nutator tripped out. It settled around -64", not the -120" it supposed to be resting at. At no time during our PS run did we start the nutator pulses.

Maybe it trips out if it doesn't get regular pulses??

- 4) Kevin headed down the mountain at 10:15PM.

- 5) Stowed and closed up.