

Com-10 Day 6: 13 February 2020

Daytime Activities

13:00 - The weather conditions continue to be fabulous - sunny, no wind, lots of melted ice and snow. The roof is finally in good shape as well, so we will almost certainly (finally) open tonight. Nevertheless, the formal forecast for tonight is "Increasing Clouds..."

Kalyan and Thomas investigated the DX HWS situation and confirmed that one of the stages is indeed broken. They did not have enough time to remove the stage.

15:00 - Tom and Thomas tried routing the RR to the SX cabinet (absolute reference fiber) and we saw light. It was fairly dim, but recall that the fiber is broken. We will ask LBT to route the new fibers to the outboard cabinets. Even if the cal unit sources are too faint, we can install the Ocean Optics source there with an ethernet plug strip. This would let us do GWS calibrations remotely. Of course, we would also have to instruct LBTO on the Barilotto conversion (which is very straightforward).

Nighttime Activities

18:35 - Focused the NIR camera. The lower left-most channel is wonky! Switching ROE off and on again.

18:42 - Same problem. Focused FP20.

18:45 - S1.25

19:00 - S1.40 - Centering and focusing HWS CCD. Taking more care to ensure this is not the cause of modest HWS performance.

19:08 - Focusing by moving FP-20 and using the Xinetics DM, tracking for best image on NIR camera. This made a big improvement.

19:09 - Opening hatch to collimate.

19:10 - S0.99... sub arcsecond!

19:11 - Beginning collimation (Carmelo)

19:24 - On target, autoguiding, waiting for GWS de-rotator, S0.87

19:35 - Got 2 GWS stars in << 5 min Great! Last one is 12.7 mag (hard), but CA and FB are working on the RecMat stuff, so Fabio continues...

19:40 - S0.85

20:19 - S0.74

20:15 - Flyback complete

20:22 - Got first star after ~2min!

20:23 - Got second!

20:24 - Got third! - three stars in four min!

20:40 - GWS offload works! First try! Well done!

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Comments

No comments.