LBT Observing Log for 2024 06 27 UT

Observers: Andrew Cardwell
Partner Observer: Peter Garnavich (remote)
Telescope Operator: Steve Allanson.

Plan:

NOTE:

- **We have the flat on DX, the DX adsec is unavailable.**

Summary:

The whole night was lost to bad weather.

Issues:

Weather:

Monsoon conditions. Heavy cloud cover and high possibility of rain.

Overview (times are given in UT):

01:00 MODS are awake, test presets are completed. Running simSnap.

01:30 Running mods biases.

01:45 LUCIs are up. Init_all on both sides. LUCI2 field stop position corrected.

01:57 Conditions are very cloudy. Starting a complete set of MODS DG cals.

02:25 We will remain closed. We have thick cloud and incoming rain.

02:37 **Sunset**.

03:31 Resuming calibrations.

03:35 **12 degree twilight**.

04:13 **18 degree twilight**.
05:56 Taking 1x2 binned MODS DG cals for ND_rxj2133. Starting with biases.

06:47 Reconfiguring to PEPSI, we may be able to open soon.

08:26 The anticipated clear patch did not pan out.

09:22 Resuming MODS 1x2 cals.

10:29 We have called the night. Shutting things down.

10:30 LUCI safed. LBCs powered off.

10:32 **18 degree twilight**.

10:47 MODS calibrations are complete, MODS have been put to sleep.

11:10 **12 degree twilight**.

12:08 **Sunrise**.

For LUCI2 G200
  Start observing binocularly
  Insert pause after first spec DIT
  Check carefully the first spectrum from luci2
    If shifted, switch to mirror and back
    Take short exposure, deep enough to confirm position
    If still shifted, try:
      Run: /lbt/lbto/luci/L2G200 -r 1.17
        # replace 1.17 with requested central wavelength
      On HIRAMO gui, enter the second voltage in closed loop operation
      Take short exposure, deep enough to confirm position
If OK, resume