

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

Mon Aug 19 16:13:59 GMT 2013

Year: 13 Doy: 231

Observer: rose

Brandon Larson (HAO IG) arrived today to install upgrades to spar guider system ahead of the K-cor installation next week.

WEATHER COMMENT: rose: Mon Aug 19 16:14:22 GMT 2013

clear skys, 46F, wind 15-20 N

\_\_\_end\_\_\_

GENERAL OBSERVATORY COMMENT BY berkey: Mon Aug 19 16:20:24 GMT 2013

Changed the log files to write in GMT instead of HST.

\_\_\_end\_\_\_

Mon Aug 19 06:24:22 HST 2013: PSPT Start Patrol

Mon Aug 19 06:25:18 HST 2013: PSPT Abort Patrol

Mon Aug 19 06:43:49 HST 2013: PSPT Start Patrol

Mon Aug 19 06:46:28 HST 2013: PSPT Abort Patrol

Mon Aug 19 07:09:32 HST 2013: PSPT Start Patrol

Mon Aug 19 09:22:31 HST 2013: PSPT Start Patrol

Mon Aug 19 15:21:49 HST 2013: PSPT Abort Patrol

Here is a recap of today's work on SGS at MLSO from Brandon:

1) We unpacked the SGS crate completely and moved the SGS Nema enclosure up into the dome at the base of the pier.

2) We've identified a location to mount the SGS telescope which required moving the upper bracket of the Spar Balancing System slightly lower to accomodate this installation.

3) The MLSO RA Drive system was uninstalled from the spar so the HAO brushless DC motor could be added and the system reinstalled. Because the Motor coupling did not match the drive coupling, either fabrication or additional drive components from the Mesa system will be necessary to proceed.

Plan for tomorrow:

1) Install SGS telescope.

2) remove belly plate and look at removing the limit switches and replacing with the proximity sensor bracket for the Declination Drive.

3) Added proximity sensor flag to the Declination Arm

4) Power check the SGS Nema to ensure everything survived transportation.