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Mauna Loa Solar Observatory Observer's Log  
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Thu Jun 19 16:29:30 GMT 2014

Year: 14 Doy: 170

Observer: stueben

WEATHER COMMENT: stueben: Thu Jun 19 16:29:47 GMT 2014

Clear, wind south 5 mph, temp 47F.

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

Thu Jun 19 16:48:38 GMT 2014 COMP Start Patrol

Thu Jun 19 16:56:42 GMT 2014: PSPT Start Patrol

Thu Jun 19 17:04:55 GMT 2014 KCOR Start Synoptic Patrol

COMP COMMENT BY berkey: Thu Jun 19 18:33:43 GMT 2014

Comp ran out of disk space. Deleted files from May.

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

Thu Jun 19 18:33:34 GMT 2014 KCOR End Patrol

Thu Jun 19 18:33:57 GMT 2014 COMP End Patrol

KCOR COMMENT BY berkey: Thu Jun 19 18:33:55 GMT 2014

about to pull the bandpass filter to check the O1/fieldstop alignment to the aft end.

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

KCOR COMMENT BY berkey: Thu Jun 19 20:29:39 GMT 2014

found a large shift in the beam relative to the aft optics that we couldn't dial out by shimmming the aft optics over.

Aft optics and modulator removed for an end to end laser alignemnt check

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

Thu Jun 19 23:27:35 GMT 2014 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Thu Jun 19 23:27:58 GMT 2014

Shifted the top of the aft-optics south, and rotated the bottom north to center the solar image onto the aft-optics entrance.

Dennis notes that before starting the alignment the bulleys pattern of the alignment laser reflecting off the O1 was 1 bulleye diameter south.

We are not testing the system and find all things are functional but the alignmtn of the sgs needed to be offset ~100 arc seconds in DEC, and the image of the sun is no longer centered in the kcor cameras. We will fix the alignment of both of these after reviewing the real-time images.

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

Thu Jun 19 23:37:09 GMT 2014 KCOR End Patrol

KCOR COMMENT BY berkey: Thu Jun 19 23:48:55 GMT 2014

Cameras re-aligned

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

Thu Jun 19 23:55:24 GMT 2014 KCOR Start Synoptic Patrol

COMP COMMENT BY berkey: Fri Jun 20 00:46:54 GMT 2014

Looks like we also have to move the comp camera lens to match the guider re-alignment. Currently one of the images in comp is falling off the norht side of the detector.

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

Fri Jun 20 00:50:11 GMT 2014 KCOR End Patrol

Fri Jun 20 00:56:09 GMT 2014 COMP Start Patrol

KCOR COMMENT BY berkey: Fri Jun 20 01:04:32 GMT 2014

Kcor GUI is apparently crashing. Looks like this is related to tryign to copy data to mlsoserver. Currently kcor cannot c

connect to mlsoserver:/data

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

Fri Jun 20 01:16:18 GMT 2014 KCOR Start Synoptic Patrol

Fri Jun 20 02:18:06 GMT 2014 KCOR End Patrol

Fri Jun 20 02:19:04 GMT 2014: PSPT Abort Patrol

Fri Jun 20 02:22:58 GMT 2014 COMP End Patrol