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Mauna Loa Solar Observatory Observer's Log  
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Mon Oct 17 16:45:27 GMT 2016

Year: 16 Doy: 291

Observer: berkey

WEATHER COMMENT: berkey: Mon Oct 17 16:45:52 GMT 2016

Temp: 40.9f, Humidity: 31%, Pressure: 28.739in, Wind: 8mph from 133degs, Skies: patchy cirrus overcast. Major improvement since yesterday but still a little cloudy for coronal work.

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

Mon Oct 17 17:39:34 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Mon Oct 17 17:56:46 GMT 2016 KCOR Start Synoptic Patrol

Mon Oct 17 19:41:21 GMT 2016 KCOR End Patrol

Mon Oct 17 19:41:22 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Mon Oct 17 19:58:45 GMT 2016 KCOR End Calibration Script

Mon Oct 17 19:59:02 GMT 2016 KCOR Start Synoptic Patrol

Mon Oct 17 19:59:02 GMT 2016 KCOR Start Synoptic Patrol

Mon Oct 17 20:20:27 GMT 2016 COMP End Patrol

Mon Oct 17 20:20:27 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk

Mon Oct 17 21:09:44 GMT 2016 KCOR End Patrol

Mon Oct 17 21:09:56 GMT 2016 COMP End Patrol

Mon Oct 17 21:10:36 GMT 2016 SGS Alignment complete

Mon Oct 17 21:10:48 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk

Mon Oct 17 21:10:52 GMT 2016 KCOR Start Synoptic Patrol

Mon Oct 17 21:54:59 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Mon Oct 17 21:55:03 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Mon Oct 17 21:57:21 GMT 2016

spar hit the ladder.

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

Mon Oct 17 22:00:26 GMT 2016 CoMP Paused for clouds

Mon Oct 17 22:07:51 GMT 2016 CoMP Restarted from pause

Mon Oct 17 22:11:14 GMT 2016 KCOR Start Synoptic Patrol

Mon Oct 17 22:38:46 GMT 2016 KCOR End Patrol

Mon Oct 17 22:38:56 GMT 2016 CoMP Paused for clouds

Mon Oct 17 23:04:17 GMT 2016 CoMP Restarted from pause

Mon Oct 17 23:09:56 GMT 2016 CoMP Paused for clouds

Mon Oct 17 23:18:14 GMT 2016 CoMP Restarted from pause

Mon Oct 17 23:27:26 GMT 2016 CoMP Paused for clouds

Tue Oct 18 00:00:02 GMT 2016 CoMP Restarted from pause

Tue Oct 18 00:00:02 GMT 2016 COMP End Patrol

KCOR COMMENT BY berkey: Tue Oct 18 00:32:46 GMT 2016

Testing a change to add the keyword LYOTSTOP to the kcor fits header.

This keyword should have the value of in as long as the paper lyot stop is in the beam and I guess out or if/when we remove it.

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

KCOR COMMENT BY berkey: Tue Oct 18 00:34:20 GMT 2016

Images after 20161018\_003156\_kcor.fts should now have this keyword.

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

GENERAL COMMENT BY berkey: Tue Oct 18 00:40:18 GMT 2016

Code was added to kcor and comp to capture a log entry when exiting the kcor and comp manual centering routings. For Kcor this is focus.vi and Comp the manual center occutler vi. See tests below:

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

Tue Oct 18 00:40:30 GMT 2016 Kcor Focus/alignment program exited

Tue Oct 18 00:41:53 GMT 2016 CoMP occulter has been re-centered

GENERAL COMMENT BY berkey: Tue Oct 18 00:47:53 GMT 2016

The above entries should appear automatically after the focus.vi exits or the comp center occulter exits. If for what ever reason (testing of something, in software, checking sky conditions w/o alignments etc) it is desired to run either of these programs with out producing a logging day log there is a button on the front of each of those guis which can be turned off to stop logging. Called "Send note to daylog".

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

GONG COMMENT BY berkey: Tue Oct 18 00:49:05 GMT 2016

Gong rack PDU replaced this morning. Packing materials for the new PDU have not been fully cleaned up yet as I am waiting on pdu status from Tim to know if we can/should pack the old one up and send it back.

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

GONG COMMENT BY berkey: Tue Oct 18 01:46:54 GMT 2016

Gong also sent out some coffee mugs for us.

They are sitting in front of the microwave.

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

GENERAL COMMENT BY berkey: Tue Oct 18 01:54:41 GMT 2016

Brought up a fiber link from MLSO down to the Uchida building for our future network upgrades. Scot Colburn (NETS network guy) can see the IFA switch on the other side so I think we are all good up here. Curt Dobbs should be on the mountain some time next week to finish configuring the system.

This configuring should have no effect on our "production" system and in the worst case may end up power cycling the wireless.

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