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Mauna Loa Solar Observatory Observer's Log  
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Thu Jan 15 17:40:01 GMT 2015

Year: 15 Doy: 015

Observer: berkey

WEATHER COMMENT: berkey: Thu Jan 15 17:40:06 GMT 2015

temp 38f, wind 8mph from the south, clear skies.

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

Thu Jan 15 17:50:44 GMT 2015 COMP Start Patrol

Thu Jan 15 17:59:32 GMT 2015 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Thu Jan 15 20:45:32 GMT 2015

Going to do some more measurments in the kcor aft optics box. Bandpass filter will be tempoarily removed and modulator will be rotated from its current tilted position to a more neutural postion to measure PBS assembly mis-alignment. Modulator position and bandpass filter will be restored to their current position when I am done.

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

Thu Jan 15 20:47:26 GMT 2015 KCOR End Patrol

Thu Jan 15 20:47:56 GMT 2015 COMP End Patrol

KCOR COMMENT BY berkey: Thu Jan 15 21:16:29 GMT 2015

Test failed. I think due the the morning gravity vectory I was unable to easily rotate the modulator. What adjustments I could make lead to no change as seen on the PBS. Iw ill try again later after local solar noon.

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

Thu Jan 15 21:18:26 GMT 2015 COMP Start Patrol

Thu Jan 15 21:19:52 GMT 2015 KCOR Start Synoptic Patrol

Thu Jan 15 21:20:42 GMT 2015 KCOR End Patrol

Thu Jan 15 21:20:43 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Thu Jan 15 21:36:05 GMT 2015 KCOR End Calibration Script

Thu Jan 15 21:36:22 GMT 2015 KCOR Start Synoptic Patrol

Thu Jan 15 21:36:23 GMT 2015 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Thu Jan 15 21:46:15 GMT 2015

kcor images are must darker after the last test, I am afraid I may not have put the modulator back exactly where I found it.

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

Thu Jan 15 21:48:01 GMT 2015 KCOR End Patrol

Thu Jan 15 21:51:49 GMT 2015 KCOR Start Synoptic Patrol

KCOR COMMENT BY berkey: Thu Jan 15 21:50:53 GMT 2015

forgot to remove my target that was obscuring the bottom half of the aft-optics Now it looks like there is a lot more light.

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

Thu Jan 15 21:52:04 GMT 2015 KCOR End Patrol

Thu Jan 15 21:52:05 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini

Thu Jan 15 22:07:34 GMT 2015 KCOR End Calibration Script

Thu Jan 15 22:07:50 GMT 2015 KCOR Start Synoptic Patrol

Thu Jan 15 22:07:51 GMT 2015 KCOR Start Synoptic Patrol

GENERAL OBSERVATORY COMMENT BY berkey: Thu Jan 15 23:23:48 GMT 2015

Mountain is now pretty voggy. Seeing aerosol effects in comp/kcor and shabar

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

Thu Jan 15 23:57:03 GMT 2015 KCOR End Patrol

Thu Jan 15 23:57:26 GMT 2015 COMP End Patrol

KCOR COMMENT BY berkey: Fri Jan 16 00:14:50 GMT 2015

One more check of modulator rotation w/o fighting gravity, it still has no visible throw of the beam on the aft-optics assembly.

Kcor returned to what I think is operation status. Bandpass filter installed, modulator rotated clockwise as best as I could, target removed.

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

GENERAL OBSERVATORY COMMENT BY berkey: Fri Jan 16 00:25:32 GMT 2015

Goodbye Vic and Teresa, hope the party was nice.

Back up again tomorrow.

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