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Mauna Loa Solar Observatory Observer's Log  
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Mon Jan 11 16:48:16 GMT 2016

Year: 16 Doy: 011

Observer: berkey

WEATHER COMMENT: berkey: Mon Jan 11 16:49:43 GMT 2016

Temp: 37.3f, Humidity: 7%, Pressure: 28.764in, Wind: 9mph from SW, Skies: Light haze becoming more prominate toward the west.

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

GENERAL COMMENT BY berkey: Mon Jan 11 18:04:36 GMT 2016

Spar had the RA oscillation again this morning. More tinkering with the weights dialed it out.

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

Mon Jan 11 18:07:03 GMT 2016 KCOR Start Synoptic Patrol

Mon Jan 11 19:35:15 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Mon Jan 11 19:43:58 GMT 2016

repointing sgs

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

Mon Jan 11 19:48:28 GMT 2016 KCOR Start Synoptic Patrol

Mon Jan 11 20:15:12 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Mon Jan 11 20:15:14 GMT 2016 KCOR End Patrol

Mon Jan 11 20:17:28 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Mon Jan 11 20:17:29 GMT 2016 KCOR End Patrol

Mon Jan 11 20:21:50 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Mon Jan 11 20:21:51 GMT 2016 KCOR End Patrol

Mon Jan 11 20:30:37 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Mon Jan 11 20:30:38 GMT 2016 KCOR End Patrol

Mon Jan 11 20:30:58 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Mon Jan 11 20:30:58 GMT 2016 KCOR End Patrol

Mon Jan 11 20:32:11 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Mon Jan 11 20:35:37 GMT 2016

This morning to stop the oscillations, I add 5# to the front of the spar. This helped but, but put made the front of the spar to heavy to the point the clutch slipped and we long the last 15ish mintues while I added some mass to the back end to balance it out.

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

Mon Jan 11 21:07:47 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Mon Jan 11 21:07:48 GMT 2016 KCOR End Patrol

Mon Jan 11 21:08:11 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Mon Jan 11 21:08:12 GMT 2016 KCOR End Patrol

Mon Jan 11 21:35:17 GMT 2016 KCOR Start Synoptic Patrol

Mon Jan 11 22:10:30 GMT 2016 KCOR End Patrol

Mon Jan 11 22:10:31 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Mon Jan 11 22:27:35 GMT 2016 KCOR End Calibration Script

Mon Jan 11 22:27:52 GMT 2016 KCOR Start Synoptic Patrol

Mon Jan 11 22:27:53 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Mon Jan 11 22:38:01 GMT 2016

wind speeds getting up near a closure limit

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

GENERAL COMMENT BY berkey: Mon Jan 11 22:42:59 GMT 2016  
partially closing shutters to reduce wind apature.

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

Mon Jan 11 22:49:12 GMT 2016 KCOR End Patrol

Mon Jan 11 22:55:40 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Mon Jan 11 22:55:34 GMT 2016  
re aligned sgs

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

GENERAL COMMENT BY berkey: Tue Jan 12 01:18:21 GMT 2016

Ulua has been unplugged from the network at the direction of CSMT due to security issues.

This will break the mlsodata dashboard weather data prevent the observers from seeing kcor quicklook images until the issues are addressed.

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

Tue Jan 12 02:12:25 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Tue Jan 12 02:12:27 GMT 2016 KCOR End Patrol

Tue Jan 12 02:19:28 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Tue Jan 12 02:19:29 GMT 2016 KCOR End Patrol

Tue Jan 12 02:20:50 GMT 2016 KCOR Start Synoptic Patrol

Tue Jan 12 02:29:38 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Tue Jan 12 02:29:39 GMT 2016 KCOR End Patrol

Tue Jan 12 02:31:15 GMT 2016 KCOR Start Synoptic Patrol

Tue Jan 12 02:45:17 GMT 2016 KCOR End Patrol

Tue Jan 12 02:45:18 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Tue Jan 12 02:45:19 GMT 2016 KCOR End Patrol

Tue Jan 12 02:45:33 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Tue Jan 12 02:45:35 GMT 2016 KCOR End Patrol

GENERAL COMMENT BY berkey: Tue Jan 12 02:51:25 GMT 2016

I had a lot of issues with the guider today.

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