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--------------------------------------------------------------------------------
          Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
       Wed Sep  3 16:57:58 GMT 2014
Year: 14  Doy: 246
Observer: berkey
WEATHER COMMENT: berkey: Wed Sep  3 16:57:59 GMT 2014
temp 50f, wind 6mph from SE, clear skies
___end___
Wed Sep 03 17:06:41 GMT 2014 COMP Start Patrol
Wed Sep 3 17:11:11 GMT 2014: PSPT Start Patrol
Wed Sep 03 17:18:54 GMT 2014 KCOR Start Synoptic Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Wed Sep  3 17:25:48 GMT 2014
I think it see some cloud structure in the kcor raw data.
___end___
Wed Sep 03 17:29:44 GMT 2014 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Wed Sep  3 17:39:51 GMT 2014
Thin cirrus will continue effecting the data for the next little bit
___end___
Wed Sep 3 18:27:03 GMT 2014: PSPT Start Patrol
Wed Sep 03 19:29:37 GMT 2014 KCOR Start Synoptic Patrol
Wed Sep 03 19:37:38 GMT 2014 KCOR End Patrol
Wed Sep 03 19:37:39 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini
Wed Sep 03 19:53:35 GMT 2014 KCOR End Calibration Script
Wed Sep 03 19:53:51 GMT 2014 KCOR Start Synoptic Patrol
Wed Sep 03 19:53:51 GMT 2014 KCOR Start Synoptic Patrol
Wed Sep 03 20:03:00 GMT 2014 KCOR End Patrol
Wed Sep 03 20:03:01 GMT 2014 COMP End Patrol
Wed Sep 03 20:09:05 GMT 2014 KCOR Start Synoptic Patrol
Wed Sep 03 20:08:46 GMT 2014 COMP Start Patrol
Wed Sep 03 22:45:04 GMT 2014 KCOR End Patrol
KCOR COMMENT BY berkey: Wed Sep  3 22:42:30 GMT 2014
Starting a test to analyze how/why the camera occulter appears to moves on the camera.  Right now we are going to test whe
re we put in the diffuser and focus/de-focus lens to see if some of the camera motion is due to focus changes.

Starting with a few frames of diffuser only.
___end___
Wed Sep 03 23:06:31 GMT 2014 COMP End Patrol
Wed Sep 03 23:06:32 GMT 2014 COMP Start Patrol
KCOR COMMENT BY berkey: Wed Sep  3 22:45:38 GMT 2014
Diffuser only 22:45:36->22:50:09
Moving camera to -1mm
taking data 22:52:11->22:55:28
Moving camera back to focus.
taking data 22:56:29->23:00:01
Moving camera to 1mm
taking data 23:01:17->23:06:05
Moving camera back to focus.
```

taking data 23:06:51->23:10:38
Moving camera to -1mm
taking data 23:11:09->23:16:57
Back to focus.
taking data 23:17:58->23:22:31
end of test
___end___
Wed Sep 03 23:23:54 GMT 2014 COMP End Patrol
Wed Sep 03 23:24:44 GMT 2014 COMP Start Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Wed Sep 3 23:27:20 GMT 2014
Realigned guider.
___end___
KCOR COMMENT BY berkey: Wed Sep 3 23:32:08 GMT 2014
Post-alignment I am going to take 5 more minutes of diffuser data w/o chaning camera focus from the move at about 23:17:00 UT
Taking diffuser data 23:32:26->23:36:28
back to observing.
___end___
Wed Sep 03 23:38:07 GMT 2014 KCOR Start Synoptic Patrol
Thu Sep 04 01:14:24 GMT 2014 KCOR End Patrol
Thu Sep 04 01:45:13 GMT 2014 KCOR Start Synoptic Patrol
Thu Sep 04 01:47:04 GMT 2014 KCOR End Patrol
Thu Sep 04 02:00:21 GMT 2014 KCOR Start Synoptic Patrol
Thu Sep 04 02:11:55 GMT 2014 KCOR End Patrol
Thu Sep 04 02:11:31 GMT 2014 COMP End Patrol
Thu Sep 4 02:11:26 GMT 2014: PSPT Abort Patrol
Thu Sep 4 02:11:32 GMT 2014: PSPT Abort Patrol
Thu Sep 4 02:11:38 GMT 2014: PSPT Abort Patrol
Thu Sep 4 02:11:45 GMT 2014: PSPT Abort Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Thu Sep 4 02:17:19 GMT 2014
A lot of annoying thing cirrus this afternoon just barely ruining the data.
___end___