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-------------------------------------------------------------------------------
                 Mauna Loa Solar Observatory Observer's Log
-------------------------------------------------------------------------------
          Tue Jun 29 16:47:25 GMT 2010
Year: 10  Doy: 180
Observer: koon
WEATHER COMMENT: Tue Jun 29 16:47:26 GMT 2010
Clear sky, no wind, temp=48F.
___end___
Tue Jun 29 16:54:12 GMT 2010     MKIV     Start Patrol
Tue Jun 29 16:54:30 GMT 2010     CHIP      Start Patrol
Tue Jun 29 18:00:44 GMT 2010     CHIP      LSD
Tue Jun 29 18:02:24 GMT 2010     CHIP      End LSD
Tue Jun 29 18:02:39 GMT 2010     CHIP      BiasLSD
Tue Jun 29 18:03:30 GMT 2010     CHIP      End BiasLSD
Tue Jun 29 18:03:38 GMT 2010     CHIP      Bias
Tue Jun 29 18:04:21 GMT 2010     CHIP      End Bias
Tue Jun 29 18:04:29 GMT 2010     CHIP      ReStart Patrol
**PSPT PROBLEM COMMENT BY DARRYL**: Tue Jun 29 18:21:39 GMT 2010
Alice installed a software fix for re-homing the filter wheel because the
wheel regularly loses its sense of position.  So now everytime the "center sun"
routine runs there will be a new routine that homes the filter wheel too.
This should happen throughout the day before each observing sequence, the cals,
and the High Res data sequences.  The following message displays in the IDL
GUI "pspt_center_sun homing filter" when it happens, and you can see the
PC messages showing that it is happening.  It looks like it is working.
___end___
PSPT COMMENT BY DARRYL: Tue Jun 29 18:29:43 GMT 2010
Observing.
___end___
Tue Jun 29 18:52:58 GMT 2010     MKIV     End Patrol
Tue Jun 29 18:53:05 GMT 2010     MKIV     Start Cal
NOTE BY DARRYL: Tue Jun 29 18:55:51 GMT 2010
Just felt a decent sized earthquake, short duration, just one big bump.
___end___
Tue Jun 29 19:11:46 GMT 2010     MKIV     End Cal
Tue Jun 29 19:14:50 GMT 2010     MKIV     Start Correct
MKIV COMMENT BY DARRYL: Tue Jun 29 19:14:56 GMT 2010
Running a Correct as part of some adjustments and measurements requested by Joan.
___end___
Tue Jun 29 19:16:21 GMT 2010     MKIV     End Correct
MKIV COMMENT BY DARRYL: Tue Jun 29 19:39:13 GMT 2010
I put the height mask on the occulter at the primary focus and will now do 2
calibrations.
___end___
Tue Jun 29 19:40:10 GMT 2010     MKIV     Start Patrol
MKIV COMMENT BY DARRYL: Tue Jun 29 19:40:26 GMT 2010
I accidentally started Patrol, it will stop ASAP and go into the calibrations.
```

___end___
MKIV PROBLEM COMMENT BY DARRYL: Tue Jun 29 19:45:54 GMT 2010
Barrel was stopped at CCW limit for some unknown reason, manually moved off
limit but couldn't get Cal to start, reset KCC to fix.
___end___
Tue Jun 29 19:52:58 GMT 2010   MKIV   Start Cal
Tue Jun 29 20:11:37 GMT 2010   MKIV   End Cal
Tue Jun 29 20:15:35 GMT 2010   MKIV   Start Cal
MKIV COMMENT BY DARRYL: Tue Jun 29 20:15:40 GMT 2010
Running the 2nd height mask calibration now.
___end___
Tue Jun 29 20:34:27 GMT 2010   MKIV   End Cal
MKIV COMMENT BY DARRYL: Tue Jun 29 20:42:33 GMT 2010
Going up into dome to remove the height mask and improve the "gain" by better
aligning the camera.
___end___
WEATHER COMMENT: Tue Jun 29 22:06:37 GMT 2010
Clouds are passing over.
___end___
MKIV PROBLEM COMMENT BY DARRYL: Tue Jun 29 22:06:56 GMT 2010
I can't get the camera aligned any better yet, and now it is off and clouds are present, taking a much needed break.
___end___
PSPT PROBLEM COMMENT BY DARRYL: Tue Jun 29 22:10:45 GMT 2010
Restarting in coordination with Alice.
___end___
Tue Jun 29 22:40:42 GMT 2010   CHIP   End Patrol
MKIV PROBLEM COMMENT BY DARRYL: Tue Jun 29 22:28:38 GMT 2010
I shimmed the SK lens just before the camera out a little, this extra
adjustment has been needed for a long time. Thick clouds, mk4 may be
out of service until I get back on Sunday. Camera is not aligned.
___end___
WEATHER COMMENT: Wed Jun 30 00:26:27 GMT 2010
Foggy.
___end___
MKIV PROBLEM COMMENT BY DARRYL: Wed Jun 30 00:26:40 GMT 2010
The camera alignment is completely off, the mk4 can't get data until I finish
aligning it. The clouds came in quick and thick and I wasn't able to get
the alignment back to something usable. I will continue the camera
alignment ASAP.
___end___
Wed Jun 30 00:29:22 GMT 2010
        MkIV

16_54.rawmk4   17_29.rawmk4   18_04.rawmk4   18_43.rawmk4   c18_53.rawmk4
16_57.rawmk4   17_32.rawmk4   18_07.rawmk4   18_46.rawmk4   c18_59.rawmk4
17_00.rawmk4   17_35.rawmk4   18_10.rawmk4   18_49.rawmk4   c19_05.rawmk4
17_03.rawmk4   17_38.rawmk4   18_13.rawmk4   18_56.rawmk4   c19_52.rawmk4
17_06.rawmk4   17_41.rawmk4   18_16.rawmk4   19_02.rawmk4   c19_59.rawmk4

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17_09.rawmk4    17_44.rawmk4    18_19.rawmk4    19_08.rawmk4    c20_05.rawmk4
17_11.rawmk4    17_47.rawmk4    18_22.rawmk4    19_56.rawmk4    c20_15.rawmk4
17_14.rawmk4    17_50.rawmk4    18_28.rawmk4    20_02.rawmk4    c20_21.rawmk4
17_17.rawmk4    17_53.rawmk4    18_32.rawmk4    20_08.rawmk4    c20_27.rawmk4
17_20.rawmk4    17_56.rawmk4    18_35.rawmk4    20_18.rawmk4
17_23.rawmk4    17_58.rawmk4    18_38.rawmk4    20_24.rawmk4
17_26.rawmk4    18_01.rawmk4    18_41.rawmk4    20_31.rawmk4
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