```
--------------------------------------------------------------------------------
                   Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
          Tue Jun 22 17:03:33 GMT 2010
Year: 10  Doy: 173
Observer: koon
WEATHER COMMENT: Tue Jun 22 17:03:36 GMT 2010
Clear sky, wind=15mph from the SE, temp=52F.
___end___
Tue Jun 22 17:07:24 GMT 2010     MKIV     Start Patrol
Tue Jun 22 17:07:45 GMT 2010     CHIP     Start Patrol
PSPT COMMENT BY DARRYL: Tue Jun 22 17:21:16 GMT 2010
Observing.
___end___
Tue Jun 22 17:53:07 GMT 2010     CHIP     End Patrol
**CHIP PROBLEM COMMENT BY DARRYL**: Tue Jun 22 17:52:35 GMT 2010
Crashed with Program:FixCenter and Optics:Busy, did a pau/run cycle to fix it.
___end___
Tue Jun 22 18:11:02 GMT 2010     CHIP     Start Patrol
**CHIP PROBLEM COMMENT BY DARRYL**: Tue Jun 22 18:09:55 GMT 2010
Stalled doing a TestMic process, cancelled all Patrol related processes and
manually pointed the Y direction mic to -12400 where it should be, it was
at -10500 and decreasing during the TestMic stall.  Started up with "run"
and started Patrol like normal.
___end___
**CHIP PROBLEM COMMENT BY DARRYL**: Tue Jun 22 18:13:15 GMT 2010
Note that the TestMic stall happened before the normal Status and Camera and
other windows came up, it happened during the "run" startup.  Things look OK
now except that the stacked image in the Display window looks lighter at the
top and darker at the bottom.
___end___
Tue Jun 22 18:31:55 GMT 2010     MKIV     End Patrol
Tue Jun 22 18:32:00 GMT 2010     MKIV     Start Cal
NOTE BY DARRYL: Tue Jun 22 18:47:13 GMT 2010
Extended the dome slot.
___end___
Tue Jun 22 18:50:42 GMT 2010     MKIV     End Cal
Tue Jun 22 18:50:48 GMT 2010     MKIV     Start Patrol
**PSPT PROBLEM COMMENT BY DARRYL**: Tue Jun 22 22:23:19 GMT 2010
Filter wheel was out of position around 2213 UT and images looked vignetted
on the left side.  This is the same thing Mark saw on images from 06/19/10.
I paused obs and "Homed" the filter wheel to get it lined up again.
___end___
Tue Jun 22 23:02:46 GMT 2010     CHIP     LSD
Tue Jun 22 23:04:25 GMT 2010     CHIP     End LSD
Tue Jun 22 23:04:39 GMT 2010     CHIP     BiasLSD
Tue Jun 22 23:05:12 GMT 2010     CHIP     End BiasLSD
Tue Jun 22 23:05:24 GMT 2010     CHIP     Bias
```

```
Tue Jun 22 23:05:52 GMT 2010      CHIP      End Bias
Tue Jun 22 23:05:59 GMT 2010      CHIP      ReStart Patrol
Wed Jun 23 00:27:39 GMT 2010      CHIP      End Patrol
Wed Jun 23 00:39:31 GMT 2010
        MkIV


00_03.rawmk4    18_25.rawmk4    19_58.rawmk4    21_24.rawmk4    22_46.rawmk4
00_06.rawmk4    18_28.rawmk4    20_01.rawmk4    21_27.rawmk4    22_49.rawmk4
00_09.rawmk4    18_35.rawmk4    20_04.rawmk4    21_30.rawmk4    22_52.rawmk4
00_12.rawmk4    18_41.rawmk4    20_07.rawmk4    21_33.rawmk4    22_55.rawmk4
17_07.rawmk4    18_47.rawmk4    20_10.rawmk4    21_36.rawmk4    22_58.rawmk4
17_10.rawmk4    18_50.rawmk4    20_13.rawmk4    21_39.rawmk4    23_01.rawmk4
17_13.rawmk4    18_53.rawmk4    20_16.rawmk4    21_42.rawmk4    23_04.rawmk4
17_19.rawmk4    18_56.rawmk4    20_18.rawmk4    21_45.rawmk4    23_07.rawmk4
17_23.rawmk4    18_59.rawmk4    20_21.rawmk4    21_47.rawmk4    23_10.rawmk4
17_26.rawmk4    19_02.rawmk4    20_24.rawmk4    21_50.rawmk4    23_13.rawmk4
17_28.rawmk4    19_05.rawmk4    20_27.rawmk4    21_53.rawmk4    23_16.rawmk4
17_31.rawmk4    19_08.rawmk4    20_30.rawmk4    21_56.rawmk4    23_19.rawmk4
17_37.rawmk4    19_11.rawmk4    20_33.rawmk4    21_59.rawmk4    23_22.rawmk4
17_41.rawmk4    19_14.rawmk4    20_36.rawmk4    22_02.rawmk4    23_24.rawmk4
17_44.rawmk4    19_17.rawmk4    20_39.rawmk4    22_05.rawmk4    23_27.rawmk4
17_47.rawmk4    19_20.rawmk4    20_42.rawmk4    22_08.rawmk4    23_30.rawmk4
17_50.rawmk4    19_23.rawmk4    20_45.rawmk4    22_11.rawmk4    23_33.rawmk4
17_53.rawmk4    19_26.rawmk4    20_48.rawmk4    22_14.rawmk4    23_36.rawmk4
17_56.rawmk4    19_29.rawmk4    20_51.rawmk4    22_17.rawmk4    23_39.rawmk4
17_59.rawmk4    19_31.rawmk4    20_54.rawmk4    22_20.rawmk4    23_42.rawmk4
18_02.rawmk4    19_34.rawmk4    20_57.rawmk4    22_23.rawmk4    23_45.rawmk4
18_05.rawmk4    19_37.rawmk4    21_00.rawmk4    22_26.rawmk4    23_48.rawmk4
18_08.rawmk4    19_40.rawmk4    21_03.rawmk4    22_29.rawmk4    23_51.rawmk4
18_11.rawmk4    19_43.rawmk4    21_05.rawmk4    22_32.rawmk4    23_54.rawmk4
18_14.rawmk4    19_46.rawmk4    21_11.rawmk4    22_34.rawmk4    23_57.rawmk4
18_16.rawmk4    19_49.rawmk4    21_15.rawmk4    22_37.rawmk4    c18_32.rawmk4
18_19.rawmk4    19_52.rawmk4    21_18.rawmk4    22_40.rawmk4    c18_38.rawmk4
18_22.rawmk4    19_55.rawmk4    21_21.rawmk4    22_43.rawmk4    c18_44.rawmk4
```