```
Mauna Loa Solar Observatory Observer's Log
 ______
       Fri Apr 6 17:03:24 GMT 2012
Year: 12 Doy: 097
Observer: berkey
Fri Apr 06 17:07:51 GMT 2012 H-ALPHA Start Patrol
Fri Apr 6 17:08:37 GMT 2012
                              CHIP
                                       Start Patrol
WEATHER COMMENT: Fri Apr 6 17:08:29 GMT 2012
temp 43f, wind 5mph from the south west, patchy cirrus
Fri Apr 6 17:11:25 GMT 2012
                              MKIV
                                      Start Patrol
Fri Apr 6 17:13:07 GMT 2012: PSPT Start Patrol
COMP COMMENT BY BEN: Fri Apr 6 17:22:34 GMT 2012
Comp can't communicate with the cropico, and the display seems to have gone out on the tempature controller.
end
COMP COMMENT BY BEN: Fri Apr 6 17:23:44 GMT 2012
Comp can't communicate with the cropico, and the display seems to have gone out on the tempature controller.
end
Fri Apr 6 18:02:51 GMT 2012
                              CHIP
                                       LSD
Fri Apr 6 18:04:42 GMT 2012
                              CHIP
                                       End LSD
Fri Apr 6 18:04:54 GMT 2012
                              CHIP
                                       BiasLSD
Fri Apr 6 18:05:50 GMT 2012
                              CHIP
                                       End BiasLSD
Fri Apr 6 18:06:00 GMT 2012
                                       Bias
                              CHIP
Fri Apr 6 18:06:44 GMT 2012
                              CHIP
                                       End Bias
Fri Apr 6 18:06:52 GMT 2012
                              CHIP
                                      ReStart Patrol
Fri Apr 6 18:26:48 GMT 2012: PSPT Start Patrol
Fri Apr 6 19:27:07 GMT 2012
                              MKIV
                                      End Patrol
Fri Apr 6 19:46:50 GMT 2012
                              MKIV
                                      End Cal
Fri Apr 6 19:46:59 GMT 2012
                              MKIV
                                     Start Patrol
**GONG PROBLEM COMMENT BY BEN**: Fri Apr 6 19:48:03 GMT 2012
Gong was oscillating in the pitch axis. I was able to stop the oscillation via the gong expert tool. Stoping the guider
for a few seconds and then restating the guider.
I think this is a much better solution then HALTING/STOWING the turrent, since we can do it from MLSO and it doenst requir
e a long slew.
end
Fri Apr 6 20:30:15 GMT 2012
                              CHIP
                                       End Patrol
Fri Apr 06 20:32:21 GMT 2012 H-ALPHA End Patrol
Fri Apr 6 20:34:15 GMT 2012
                              MKIV
                                      End Patrol
Fri Apr 6 20:35:36 GMT 2012
                              MKIV
                                      Start Patrol
Fri Apr 06 20:35:58 GMT 2012 H-ALPHA Start Patrol
```

bottom shutter has been moved down.
__end___
NOTE BY BEN: Fri Apr 6 21:05:22 GMT 2012

NOTE BY BEN: Fri Apr 6 21:05:09 GMT 2012

Fri Apr 6 20:36:32 GMT 2012

Fri Apr 6 20:41:48 GMT 2012

cirus moved in from the south ending coronal observations for now.

CHIP

MKIV

Start Patrol

End Patrol

```
end
Fri Apr 6 21:23:05 GMT 2012
                                CHIP
                                          End Patrol
Fri Apr 06 21:24:51 GMT 2012 H-ALPHA End Patrol
Fri Apr 6 21:35:51 GMT 2012: PSPT Abort Patrol
Sat Apr 07 01:47:24 GMT 2012 COMP Start Patrol
Sat Apr 07 01:51:18 GMT 2012 COMP End Patrol
COMP COMMENT BY BEN: Sat Apr 7 02:12:12 GMT 2012
CoMP is online and working with out the cropico therometer. This should have no effect on the data other then having zero
s for many of the temps in the fits files
end
Sat Apr 7 02:16:15 GMT 2012
        MkIV
17_11.rawmk4
               17_52.rawmk4
                              18_33.rawmk4
                                             19_15.rawmk4
                                                             20_07.rawmk4
17_14.rawmk4
               17_55.rawmk4
                              18_36.rawmk4
                                             19_18.rawmk4
                                                             20_10.rawmk4
17 17.rawmk4
               17 58.rawmk4
                              18 39.rawmk4
                                             19 20.rawmk4
                                                             20 13.rawmk4
17_20.rawmk4
               18 01.rawmk4
                              18 42.rawmk4
                                             19 23.rawmk4
                                                             20 16.rawmk4
17_23.rawmk4
               18 04.rawmk4
                              18 45.rawmk4
                                             19 31.rawmk4
                                                             20 19.rawmk4
17 26.rawmk4
               18 07.rawmk4
                              18 48.rawmk4
                                             19 37.rawmk4
                                                             20 22.rawmk4
17_29.rawmk4
               18_10.rawmk4
                              18_51.rawmk4
                                             19_43.rawmk4
                                                             20_25.rawmk4
```

20_28.rawmk4

20 31.rawmk4

20_35.rawmk4

20 38.rawmk4

c19 27.rawmk4

c19_34.rawmk4

c19 40.rawmk4

19_46.rawmk4

19 49.rawmk4

19_52.rawmk4

19_55.rawmk4

19 58.rawmk4

20_01.rawmk4

20_04.rawmk4

17_32.rawmk4

17 35.rawmk4

17_37.rawmk4

17_40.rawmk4

17 43.rawmk4

17_46.rawmk4

17 49.rawmk4

18_13.rawmk4

18 16.rawmk4

18_19.rawmk4

18 22.rawmk4

18 25.rawmk4

18_28.rawmk4

18 30.rawmk4

18_54.rawmk4

18 57.rawmk4

19_00.rawmk4

19 03.rawmk4

19 06.rawmk4

19_09.rawmk4

19 12.rawmk4