```
Mauna Loa Solar Observatory Observer's Log
 ______
       Fri Dec 16 17:13:55 GMT 2005
Year: 05 Doy: 350
Observer: yasukawa
WEATHER COMMENT: Fri Dec 16 17:14:27 GMT 2005
Clear, S wind 11 mph, temp 36 F.
  end
Fri Dec 16 17:21:35 GMT 2005
                              CHIP
                                       Start Patrol
Fri Dec 16 17:21:47 GMT 2005
                              PICS
                                       Start Patrol
ECHO COMMENT: Fri Dec 16 17:24:48 GMT 2005
Time OK.
end
A NEW PSPT EXABYTE IS LOADED ON KENOBI Fri Dec 16 17:35:44 GMT 2005
PSPT COMMENT: Fri Dec 16 17:35:48 GMT 2005
Tape that was popped out of pspt exabyte drive was labeled 12/14.
Tape transfer may not have occurred overnight last night.
 end
Fri Dec 16 17:45:12 GMT 2005
                                      Start Patrol
**PSPT PROBLEM**: Fri Dec 16 18:16:53 GMT 2005
Tried booting with new HD but did not get thru boot yet. Bunny is doing
some thinking while I start back up with the hacked disk.
end
**PICS PROBLEM**: Fri Dec 16 18:18:05 GMT 2005
PICS and CHIP both crashed while I was working on PSPT with Bunny.
PICS Status is halted at Program=H-alpha.disc, Optics=Busy.
PICS console last entry is Disc.
Lyot is out, Filter wheel is at 656.3, Occulting wheel still at Occult.
CHIP Status is halted at Program=Exposure, Optics=Busy.
CHIP console last entry is 1082.960
CHIP diffuser and cover both out.
MCC leds agree with VCP status, no drive leds lit.
Resetting MCC at front panel power switch.
end
Fri Dec 16 18:32:39 GMT 2005
                              MKIV
                                      End Patrol
                                      Start Cal
Fri Dec 16 18:32:46 GMT 2005
                              MKIV
**PICS PROBLEM**: Fri Dec 16 18:32:38 GMT 2005
Also did a "Pau" on both PICS and CHIP to end the programs.
end
**PSPT PROBLEM**: Fri Dec 16 18:40:34 GMT 2005
Tried another boot with new HD. Failed. Bunny's thinking cap back on.
end
Fri Dec 16 18:44:04 GMT 2005
                              CHIP
                                       Start Patrol
Fri Dec 16 18:44:24 GMT 2005
                              PICS
                                       Start Patrol
```

```
Fri Dec 16 18:47:23 GMT 2005
                                MKIV
                                         End Cal
Fri Dec 16 18:47:29 GMT 2005
                                MKIV
                                         Start Patrol
PSPT COMMENT: Fri Dec 16 18:49:09 GMT 2005
Booted with hacked HD, Starting up.
end
**PICS PROBLEM**: Fri Dec 16 18:50:43 GMT 2005
PICS and CHIP are running patrol OK.
____end____
              IMAGE: 1837
NICE MK4
NICE CHIP
              IMAGE: 1850
NICE PICSLIMB IMAGE: 1851
NICE PICSDISC IMAGE: 1850
PSPT COMMENT: Fri Dec 16 18:58:24 GMT 2005
Observing.
____end___
**PSPT PROBLEM**: Fri Dec 16 19:12:34 GMT 2005
Guider wasn't pointed well. Aborted obs after manually touching up
the pointing. Recentering quiding, restarting obs.
   end
Fri Dec 16 22:00:20 GMT 2005
                                          End Patrol
                                CHIP
Fri Dec 16 22:00:55 GMT 2005
                                PICS
                                          End Patrol
COMMENT: Fri Dec 16 22:07:03 GMT 2005
Shutting down early. Need to be in town to make an appointment that
got moved up.
 end
Fri Dec 16 22:07:47 GMT 2005
        MkIV
17_45.rawmk4
               18_44.rawmk4
                              19_37.rawmk4
                                              20_30.rawmk4
                                                             21_23.rawmk4
17_48.rawmk4
               18_47.rawmk4
                              19_40.rawmk4
                                              20_33.rawmk4
                                                             21_26.rawmk4
17 51.rawmk4
               18_50.rawmk4
                              19 43.rawmk4
                                              20 36.rawmk4
                                                             21 29.rawmk4
17_54.rawmk4
               18_53.rawmk4
                              19_46.rawmk4
                                              20_39.rawmk4
                                                             21_31.rawmk4
17_57.rawmk4
               18_56.rawmk4
                              19_49.rawmk4
                                              20_42.rawmk4
                                                             21_34.rawmk4
18 00.rawmk4
               18 59.rawmk4
                              19 52.rawmk4
                                              20 44.rawmk4
                                                             21 37.rawmk4
18_03.rawmk4
               19 02.rawmk4
                              19 55.rawmk4
                                              20 47.rawmk4
                                                             21 40.rawmk4
18 05.rawmk4
               19 05.rawmk4
                              19 58.rawmk4
                                              20 50.rawmk4
                                                             21 43.rawmk4
               19 08.rawmk4
                              20 00.rawmk4
                                              20 53.rawmk4
                                                             21 46.rawmk4
18 08.rawmk4
18_11.rawmk4
               19_11.rawmk4
                              20_03.rawmk4
                                              20_56.rawmk4
                                                             21_49.rawmk4
18 14.rawmk4
               19 13.rawmk4
                              20 06.rawmk4
                                              20 59.rawmk4
                                                             21 52.rawmk4
18 17.rawmk4
               19 16.rawmk4
                              20 09.rawmk4
                                              21 02.rawmk4
                                                             21 55.rawmk4
18_20.rawmk4
               19_19.rawmk4
                              20_12.rawmk4
                                              21_05.rawmk4
                                                             21_58.rawmk4
18 23.rawmk4
               19 22.rawmk4
                              20 15.rawmk4
                                              21 08.rawmk4
                                                             c18 32.rawmk4
                                                             c18 36.rawmk4
18 26.rawmk4
               19 25.rawmk4
                              20 18.rawmk4
                                              21 11.rawmk4
18_29.rawmk4
               19_28.rawmk4
                              20_21.rawmk4
                                              21_14.rawmk4
                                                             c18_40.rawmk4
18 35.rawmk4
               19 31.rawmk4
                              20 24.rawmk4
                                              21 17.rawmk4
18 37.rawmk4
               19 34.rawmk4
                              20 27.rawmk4
                                              21 20.rawmk4
```