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--------------------------------------------------------------------------------
                    Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
          Tue Jul 19 17:00:10 GMT 2011
Year: 11  Doy: 200
Observer: koon
WEATHER COMMENT: Tue Jul 19 17:00:13 GMT 2011
Clear sky, wind=15mph from the SE, temp=50F.
___end___
Tue Jul 19 17:09:42 GMT 2011    MKIV    Start Patrol
Tue Jul 19 17:09:50 GMT 2011 H-ALPHA Start Patrol
CoMP COMMENT BY DARRYL: Tue Jul 19 17:10:06 GMT 2011
Deleted 20110717 data folder from "AlreadyCopied" folder, we don't need to put
data there because we are already saving data in 2 locations (HDD & mlsoserver)
also deleted 20110718 from CoMP PC data directory since it is saved in 2
locations.
___end___
Tue Jul 19 17:13:58 GMT 2011    CHIP      Start Patrol
Tue Jul 19 17:16:30 GMT 2011 COMP Start Patrol
Tue Jul 19 17:39:26 GMT 2011: PSPT Start Patrol
Tue Jul 19 18:02:38 GMT 2011    CHIP      LSD
Tue Jul 19 18:04:12 GMT 2011    CHIP      End LSD
Tue Jul 19 18:04:20 GMT 2011    CHIP      BiasLSD
Tue Jul 19 18:04:55 GMT 2011    CHIP      End BiasLSD
Tue Jul 19 18:05:03 GMT 2011    CHIP      Bias
Tue Jul 19 18:05:34 GMT 2011    CHIP      End Bias
Tue Jul 19 18:05:42 GMT 2011    CHIP      ReStart Patrol
NOTE BY BEN: Tue Jul 19 18:27:59 GMT 2011
Mail service now restored to kenobi and oopu, still working on kii and pspt
___end___
**MKIV PROBLEM COMMENT BY DARRYL**: Tue Jul 19 18:39:21 GMT 2011
We've been having problems with radials streaking and low analog signal
displayed since last Wednesday, in the early morning and going away later
in the day.  I found I could eliminate the radial streaking by reseating the
line driver chip in the transformation board located at U12.  We may have to
replace that chip if the problem persists, I bought spares in the past and
they are located in the electronics cabinet in the "Integrated Circuits,
Interface" cardboard box and labeled as differential line driver for U12, there
are other places that chip is used also.  U12 is located next to the yellow
clip on the board.  I also bought line receivers for that board that are kept
next to the driver chips.
___end___
Tue Jul 19 18:51:06 GMT 2011    MKIV      End Patrol
Tue Jul 19 18:51:13 GMT 2011    MKIV      Start Cal
Tue Jul 19 19:09:55 GMT 2011    MKIV      End Cal
Tue Jul 19 19:10:01 GMT 2011    MKIV      Start Patrol
Tue Jul 19 20:05:48 GMT 2011 COMP End Patrol
Tue Jul 19 20:05:51 GMT 2011 COMP Start Patrol
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Tue Jul 19 20:11:34 GMT 2011 COMP End Patrol
NOTE BY DARRYL: Tue Jul 19 20:21:27 GMT 2011
Adjusted main dome opening.
___end___
Tue Jul 19 20:21:39 GMT 2011   MKIV   End Patrol
MKIV PROBLEM COMMENT BY DARRYL: Tue Jul 19 20:27:08 GMT 2011
Radial spikes are back, I completely removed the line driver chip from U12 on
the transformation board and put it back into place, if this doesn't work
then I'll try a new chip. I Idled the mk4 and turned off the main KCC
power before R&R driver chip, and there is a socket for this chip and the
line receiver chip that failed on this board back when we had multi mk4
problems when Eric quit.
___end___
Tue Jul 19 20:30:51 GMT 2011   MKIV   Start Patrol
NOTE BY DARRYL: Tue Jul 19 20:41:43 GMT 2011
Spar lost Dec tracking, repointed and reset guider.
___end___
Tue Jul 19 20:42:20 GMT 2011 COMP Start Patrol
Tue Jul 19 23:02:43 GMT 2011   CHIP   LSD
Tue Jul 19 23:04:59 GMT 2011   CHIP   End LSD
Tue Jul 19 23:05:07 GMT 2011   CHIP   BiasLSD
Tue Jul 19 23:05:47 GMT 2011   CHIP   End BiasLSD
Tue Jul 19 23:06:00 GMT 2011   CHIP   Bias
Tue Jul 19 23:06:39 GMT 2011   CHIP   End Bias
Tue Jul 19 23:06:48 GMT 2011   CHIP   ReStart Patrol
Tue Jul 19 23:29:48 GMT 2011 COMP End Patrol
Tue Jul 19 23:29:51 GMT 2011 COMP Start Patrol
Wed Jul 20 00:52:06 GMT 2011: PSPT Start Patrol
Wed Jul 20 00:52:14 GMT 2011: PSPT Abort Patrol
Wed Jul 20 00:52:40 GMT 2011   CHIP   End Patrol
Wed Jul 20 00:53:18 GMT 2011 COMP End Patrol
Wed Jul 20 00:55:46 GMT 2011 H-ALPHA End Patrol
Wed Jul 20 01:51:05 GMT 2011
        MkIV

00_01.rawmk4   17_45.rawmk4   19_30.rawmk4   21_14.rawmk4   22_45.rawmk4
00_04.rawmk4   17_48.rawmk4   19_33.rawmk4   21_17.rawmk4   22_48.rawmk4
00_07.rawmk4   17_51.rawmk4   19_36.rawmk4   21_20.rawmk4   22_51.rawmk4
00_10.rawmk4   17_54.rawmk4   19_39.rawmk4   21_23.rawmk4   22_54.rawmk4
00_13.rawmk4   17_56.rawmk4   19_42.rawmk4   21_26.rawmk4   22_57.rawmk4
00_16.rawmk4   18_02.rawmk4   19_48.rawmk4   21_29.rawmk4   22_59.rawmk4
00_19.rawmk4   18_06.rawmk4   19_52.rawmk4   21_31.rawmk4   23_03.rawmk4
00_22.rawmk4   18_09.rawmk4   19_54.rawmk4   21_34.rawmk4   23_06.rawmk4
00_25.rawmk4   18_12.rawmk4   19_57.rawmk4   21_37.rawmk4   23_08.rawmk4
00_28.rawmk4   18_15.rawmk4   20_00.rawmk4   21_40.rawmk4   23_11.rawmk4
00_31.rawmk4   18_18.rawmk4   20_03.rawmk4   21_43.rawmk4   23_14.rawmk4
00_34.rawmk4   18_21.rawmk4   20_06.rawmk4   21_46.rawmk4   23_17.rawmk4
00_37.rawmk4   18_24.rawmk4   20_09.rawmk4   21_49.rawmk4   23_20.rawmk4

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00_40.rawmk4    18_27.rawmk4    20_12.rawmk4    21_52.rawmk4    23_23.rawmk4
00_42.rawmk4    18_30.rawmk4    20_15.rawmk4    21_55.rawmk4    23_26.rawmk4
00_45.rawmk4    18_33.rawmk4    20_18.rawmk4    21_58.rawmk4    23_29.rawmk4
00_48.rawmk4    18_36.rawmk4    20_30.rawmk4    22_01.rawmk4    23_32.rawmk4
00_51.rawmk4    18_39.rawmk4    20_33.rawmk4    22_04.rawmk4    23_35.rawmk4
00_54.rawmk4    18_41.rawmk4    20_36.rawmk4    22_07.rawmk4    23_38.rawmk4
17_09.rawmk4    18_44.rawmk4    20_39.rawmk4    22_10.rawmk4    23_41.rawmk4
17_12.rawmk4    18_47.rawmk4    20_42.rawmk4    22_13.rawmk4    23_44.rawmk4
17_15.rawmk4    18_54.rawmk4    20_45.rawmk4    22_15.rawmk4    23_47.rawmk4
17_18.rawmk4    19_00.rawmk4    20_48.rawmk4    22_18.rawmk4    23_50.rawmk4
17_21.rawmk4    19_06.rawmk4    20_51.rawmk4    22_21.rawmk4    23_53.rawmk4
17_24.rawmk4    19_10.rawmk4    20_54.rawmk4    22_24.rawmk4    23_55.rawmk4
17_27.rawmk4    19_12.rawmk4    20_57.rawmk4    22_27.rawmk4    23_58.rawmk4
17_30.rawmk4    19_15.rawmk4    21_00.rawmk4    22_30.rawmk4    c18_51.rawmk4
17_33.rawmk4    19_18.rawmk4    21_03.rawmk4    22_33.rawmk4    c18_57.rawmk4
17_36.rawmk4    19_21.rawmk4    21_06.rawmk4    22_36.rawmk4    c19_03.rawmk4
17_39.rawmk4    19_24.rawmk4    21_09.rawmk4    22_39.rawmk4
17_42.rawmk4    19_27.rawmk4    21_10.rawmk4    22_42.rawmk4
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