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--------------------------------------------------------------------------------
                 Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
          Mon Jan 23 17:35:02 GMT 2012
Year: 12  Doy: 023
Observer: stueben
Mon Jan 23 17:44:14 GMT 2012: PSPT Start Patrol
Mon Jan 23 17:44:55 GMT 2012 H-ALPHA Start Patrol
Mon Jan 23 17:45:40 GMT 2012     CHIP     Start Patrol
Mon Jan 23 17:53:02 GMT 2012     MKIV     Start Patrol
Mon Jan 23 17:53:22 GMT 2012 COMP Start Patrol
Mon Jan 23 18:00:42 GMT 2012     CHIP     LSD
Mon Jan 23 18:02:26 GMT 2012     CHIP     End LSD
Mon Jan 23 18:02:34 GMT 2012     CHIP     BiasLSD
Mon Jan 23 18:03:23 GMT 2012     CHIP     End BiasLSD
Mon Jan 23 18:03:32 GMT 2012     CHIP     Bias
Mon Jan 23 18:04:15 GMT 2012     CHIP     End Bias
Mon Jan 23 18:04:30 GMT 2012     CHIP     ReStart Patrol
WEATHER COMMENT: Mon Jan 23 18:24:04 GMT 2012
temp 45f, wind 5mph from S, clear skies


___end___
**MKIV PROBLEM COMMENT BY BEN**: Mon Jan 23 18:24:41 GMT 2012
Akamai crashed with emWaitRefEvent(10,1)
   WARNING: The current Error Message file cou

This appears to be assoicated with the vigra boards
___end___
Mon Jan 23 18:25:46 GMT 2012     MKIV     End Patrol
Mon Jan 23 18:28:33 GMT 2012     MKIV     Start Patrol
Mon Jan 23 19:18:29 GMT 2012     MKIV     End Patrol
Mon Jan 23 19:18:35 GMT 2012     MKIV     Start Cal
Mon Jan 23 19:37:18 GMT 2012     MKIV     End Cal
Mon Jan 23 19:37:23 GMT 2012     MKIV     Start Patrol
Mon Jan 23 20:55:09 GMT 2012 COMP End Patrol
Mon Jan 23 20:56:36 GMT 2012 COMP Start Patrol
CHIP COMMENT BY BEN: Mon Jan 23 21:48:09 GMT 2012
Note no fan on chip today
___end___
**GENERAL PROBLEM COMMENT BY BEN**: Mon Jan 23 22:05:56 GMT 2012
ADC cloud sensor had a hickup as though one of the cloud sensors was continously covered.  Remove and reinstalling the rel
ays in the cloud sensor box seemded to fix the problem
___end___
WEATHER COMMENT: Mon Jan 23 22:59:02 GMT 2012
Orographic clouds are degrading images.
___end___
Mon Jan 23 23:01:41 GMT 2012     CHIP     LSD
Mon Jan 23 23:03:24 GMT 2012     CHIP     End LSD
```

Mon Jan 23 23:03:37 GMT 2012   CHIP   BiasLSD
Mon Jan 23 23:04:22 GMT 2012   CHIP   End BiasLSD
Mon Jan 23 23:04:30 GMT 2012   CHIP   Bias
GENERAL PROBLEM COMMENT BY ALLEN: Mon Jan 23 23:02:14 GMT 2012
Main dome rotator relay stuck again. Removed it and cleaned, the contacts and
put it in again. The contacts were quite bad and out spare is a relay that has
already been cleaned/modified so its probably about time to order a new one.
___end___
Mon Jan 23 23:05:03 GMT 2012   CHIP   End Bias
Mon Jan 23 23:05:10 GMT 2012   CHIP   ReStart Patrol
Mon Jan 23 23:34:03 GMT 2012: PSPT Abort Patrol
Mon Jan 23 23:34:10 GMT 2012: PSPT Abort Patrol
Mon Jan 23 23:34:21 GMT 2012Mon Jan 23 23:33:34 GMT 2012   CHIP   End Patrol
: PSPT Abort Patrol
Mon Jan 23 23:34:30 GMT 2012: PSPT Abort Patrol
Mon Jan 23 23:34:38 GMT 2012: PSPT Abort Patrol
Mon Jan 23 23:34:46 GMT 2012: PSPT Abort Patrol
Mon Jan 23 23:34:56 GMT 2012Mon Jan 23 23:35:09 GMT 2012 COMP End Patrol
: PSPT Abort Patrol
Mon Jan 23 23:35:04 GMT 2012: PSPT Abort Patrol
Mon Jan 23 23:36:27 GMT 2012 H-ALPHA End Patrol
Mon Jan 23 23:39:32 GMT 2012   MKIV   End Patrol
WEATHER COMMENT: Mon Jan 23 23:44:42 GMT 2012
In clouds, blowing fog nearby, instruments idled and domes closed.
___end___
NOTE BY BEN: Tue Jan 24 02:19:57 GMT 2012
Fog still blowing throught
___end___
Tue Jan 24 02:20:12 GMT 2012
        MkIV

17_53.rawmk4   19_15.rawmk4   20_33.rawmk4   21_40.rawmk4   22_52.rawmk4
17_56.rawmk4   19_21.rawmk4   20_36.rawmk4   21_43.rawmk4   22_55.rawmk4
17_59.rawmk4   19_27.rawmk4   20_39.rawmk4   21_46.rawmk4   22_58.rawmk4
18_01.rawmk4   19_33.rawmk4   20_42.rawmk4   21_49.rawmk4   23_01.rawmk4
18_04.rawmk4   19_37.rawmk4   20_45.rawmk4   21_52.rawmk4   23_04.rawmk4
18_07.rawmk4   19_40.rawmk4   20_47.rawmk4   21_55.rawmk4   23_06.rawmk4
18_10.rawmk4   19_43.rawmk4   20_50.rawmk4   21_58.rawmk4   23_09.rawmk4
18_13.rawmk4   19_46.rawmk4   20_53.rawmk4   22_01.rawmk4   23_12.rawmk4
18_31.rawmk4   19_49.rawmk4   20_56.rawmk4   22_04.rawmk4   23_15.rawmk4
18_34.rawmk4   19_52.rawmk4   20_59.rawmk4   22_07.rawmk4   23_18.rawmk4
18_37.rawmk4   19_55.rawmk4   21_02.rawmk4   22_10.rawmk4   23_21.rawmk4
18_40.rawmk4   19_57.rawmk4   21_05.rawmk4   22_13.rawmk4   23_24.rawmk4
18_42.rawmk4   20_00.rawmk4   21_08.rawmk4   22_16.rawmk4   23_27.rawmk4
18_45.rawmk4   20_03.rawmk4   21_11.rawmk4   22_19.rawmk4   23_30.rawmk4
18_48.rawmk4   20_06.rawmk4   21_14.rawmk4   22_22.rawmk4   23_33.rawmk4
18_51.rawmk4   20_09.rawmk4   21_17.rawmk4   22_25.rawmk4   23_36.rawmk4
18_54.rawmk4   20_12.rawmk4   21_20.rawmk4   22_27.rawmk4   c19_18.rawmk4

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18_57.rawmk4    20_15.rawmk4    21_23.rawmk4    22_30.rawmk4    c19_24.rawmk4
19_00.rawmk4    20_18.rawmk4    21_26.rawmk4    22_36.rawmk4    c19_30.rawmk4
19_03.rawmk4    20_21.rawmk4    21_29.rawmk4    22_40.rawmk4
19_06.rawmk4    20_24.rawmk4    21_32.rawmk4    22_43.rawmk4
19_09.rawmk4    20_27.rawmk4    21_35.rawmk4    22_46.rawmk4
19_12.rawmk4    20_30.rawmk4    21_38.rawmk4    22_49.rawmk4
```