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--------------------------------------------------------------------------------
                Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
            Tue Jan 31 17:49:45 GMT 2012
Year: 12  Doy: 031
Observer: koon
WEATHER COMMENT: Tue Jan 31 17:49:48 GMT 2012
Clear sky, wind=5mph from the SE, temp=40F.
___end___
Tue Jan 31 18:04:37 GMT 2012    MKIV    Start Patrol
Tue Jan 31 18:04:55 GMT 2012 H-ALPHA Start Patrol
Tue Jan 31 18:10:24 GMT 2012 COMP Start Patrol
Tue Jan 31 18:08:41 GMT 2012    CHIP     Start Patrol
Tue Jan 31 18:25:36 GMT 2012: PSPT Start Patrol
**CHIP PROBLEM COMMENT BY DARRYL**: Tue Jan 31 19:08:47 GMT 2012
Crashed out to the ok> prompt, with the "Watchdog Reset" message above that.
No error messages in Console or Stus windows, Status Window show only
Program: 145 as active.  Rebooted and restarted.
___end___
Tue Jan 31 19:30:07 GMT 2012    CHIP     Start Patrol
Tue Jan 31 19:33:17 GMT 2012    MKIV    End Patrol
Tue Jan 31 19:52:55 GMT 2012    MKIV    End Cal
Tue Jan 31 20:11:27 GMT 2012    MKIV    Start Patrol
NOTE BY DARRYL: Tue Jan 31 20:11:32 GMT 2012
Finished up Property Inventory and sent in forms.
___end___
**GONG PROBLEM COMMENT BY DARRYL**: Tue Jan 31 20:16:30 GMT 2012
I need to go down to the shelter and trim the pot for the Cal wheel detent
locating, that instrument will be down for a while because I need to get
into the instrument head outside as well as the electronics inside.
___end___
Tue Jan 31 21:26:11 GMT 2012 COMP End Patrol
Tue Jan 31 21:26:13 GMT 2012 COMP Start Patrol
**GONG PROBLEM COMMENT BY DARRYL**: Tue Jan 31 22:00:34 GMT 2012
Back from shelter, adjusted filter wheel detent trim.
___end___
**CHIP PROBLEM COMMENT BY DARRYL**: Tue Jan 31 22:01:21 GMT 2012
Crashed and auto-rebooted, no obvious error messages, all fields visible in
partial Status window show "Idle" state.
___end___
Tue Jan 31 22:06:27 GMT 2012    CHIP     Start Patrol
**GENERAL PROBLEM COMMENT BY DARRYL**: Tue Jan 31 22:49:58 GMT 2012
Auto-dome rotator has been having problems that have been alleviated by
pulling and reseating one or both ADR relays.  In the past I've seen the
problem where the dome rotates too far and stops due to the central "cloud sensor" detector seeing the edge of the dome, a
nd I've fixed that by pulling and
reseating the clear cased relay.  Today that didn't work so I pulled the timer reay (white box with knob) and I put in a s
pare, I'll open it and take a look.
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___end___
Tue Jan 31 23:00:36 GMT 2012      CHIP      LSD
Tue Jan 31 23:02:25 GMT 2012      CHIP      End LSD
Tue Jan 31 23:02:39 GMT 2012      CHIP      BiasLSD
**GENERAL PROBLEM COMMENT BY DARRYL**: Tue Jan 31 23:01:53 GMT 2012
ADR timer relay has one bad looking contact inside, the other is good, we
might be able to use this again if that bad contact gets resurfaced with
a file and/or fine sandpaper.  I'll order spares for both types of ADR
relays, we have one more used spare for the other type of relay plus this
degraded timer relay currently.
___end___
Tue Jan 31 23:03:30 GMT 2012      CHIP      End BiasLSD
Tue Jan 31 23:03:39 GMT 2012      CHIP      Bias
Tue Jan 31 23:04:21 GMT 2012      CHIP      End Bias
Tue Jan 31 23:04:28 GMT 2012      CHIP      ReStart Patrol
Wed Feb 01 00:14:09 GMT 2012 COMP End Patrol
Wed Feb 01 00:14:12 GMT 2012 COMP Start Patrol
Wed Feb  1 01:30:51 GMT 2012      CHIP      End Patrol
Wed Feb 1 01:32:24 GMT 2012: PSPT Abort Patrol
Wed Feb 01 01:33:09 GMT 2012 COMP End Patrol
Wed Feb 01 01:33:44 GMT 2012 H-ALPHA End Patrol
Wed Feb  1 02:02:23 GMT 2012
        MkIV


00_02.rawmk4    01_31.rawmk4    19_24.rawmk4    21_22.rawmk4    22_51.rawmk4
00_05.rawmk4    01_34.rawmk4    19_26.rawmk4    21_25.rawmk4    22_54.rawmk4
00_08.rawmk4    18_04.rawmk4    19_29.rawmk4    21_28.rawmk4    22_57.rawmk4
00_11.rawmk4    18_07.rawmk4    19_37.rawmk4    21_31.rawmk4    23_00.rawmk4
00_14.rawmk4    18_10.rawmk4    19_43.rawmk4    21_34.rawmk4    23_03.rawmk4
00_17.rawmk4    18_13.rawmk4    19_49.rawmk4    21_37.rawmk4    23_06.rawmk4
00_20.rawmk4    18_16.rawmk4    20_11.rawmk4    21_40.rawmk4    23_09.rawmk4
00_23.rawmk4    18_19.rawmk4    20_14.rawmk4    21_43.rawmk4    23_12.rawmk4
00_26.rawmk4    18_22.rawmk4    20_17.rawmk4    21_46.rawmk4    23_15.rawmk4
00_28.rawmk4    18_25.rawmk4    20_20.rawmk4    21_49.rawmk4    23_18.rawmk4
00_31.rawmk4    18_28.rawmk4    20_23.rawmk4    21_52.rawmk4    23_21.rawmk4
00_34.rawmk4    18_31.rawmk4    20_26.rawmk4    21_55.rawmk4    23_24.rawmk4
00_37.rawmk4    18_34.rawmk4    20_29.rawmk4    21_58.rawmk4    23_27.rawmk4
00_40.rawmk4    18_37.rawmk4    20_32.rawmk4    22_01.rawmk4    23_30.rawmk4
00_43.rawmk4    18_39.rawmk4    20_35.rawmk4    22_04.rawmk4    23_33.rawmk4
00_46.rawmk4    18_42.rawmk4    20_37.rawmk4    22_07.rawmk4    23_36.rawmk4
00_49.rawmk4    18_45.rawmk4    20_40.rawmk4    22_12.rawmk4    23_38.rawmk4
00_52.rawmk4    18_48.rawmk4    20_43.rawmk4    22_16.rawmk4    23_41.rawmk4
00_55.rawmk4    18_51.rawmk4    20_46.rawmk4    22_19.rawmk4    23_44.rawmk4
00_58.rawmk4    18_54.rawmk4    20_49.rawmk4    22_22.rawmk4    23_47.rawmk4
01_01.rawmk4    18_57.rawmk4    20_52.rawmk4    22_25.rawmk4    23_50.rawmk4
01_07.rawmk4    19_00.rawmk4    20_58.rawmk4    22_28.rawmk4    23_53.rawmk4
01_10.rawmk4    19_03.rawmk4    21_02.rawmk4    22_31.rawmk4    23_56.rawmk4
01_13.rawmk4    19_06.rawmk4    21_05.rawmk4    22_34.rawmk4    23_59.rawmk4
```

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01_16.rawmk4    19_09.rawmk4    21_08.rawmk4    22_37.rawmk4    c19_33.rawmk4
01_19.rawmk4    19_12.rawmk4    21_11.rawmk4    22_40.rawmk4    c19_40.rawmk4
01_22.rawmk4    19_15.rawmk4    21_14.rawmk4    22_43.rawmk4    c19_46.rawmk4
01_25.rawmk4    19_18.rawmk4    21_16.rawmk4    22_46.rawmk4
01_28.rawmk4    19_21.rawmk4    21_19.rawmk4    22_49.rawmk4
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