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                 Mauna Loa Solar Observatory Observer's Log
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          Tue Aug 31 17:30:38 GMT 2010
Year: 10  Doy: 243
Observer: koon
WEATHER COMMENT: Tue Aug 31 17:30:40 GMT 2010
Clear sky, wind=5mph from the SE, temp=50F
___end___
Tue Aug 31 17:36:05 GMT 2010 H-ALPHA Start Patrol
Tue Aug 31 17:36:22 GMT 2010    MKIV    Start Patrol
Tue Aug 31 17:38:34 GMT 2010    CHIP    Start Patrol
**PSPT PROBLEM COMMENT BY DARRYL**: Tue Aug 31 18:00:10 GMT 2010
Ron is sending me a new processor card for the PC, later they may send out
the rest of the spare PC and the spare Sparc for us to have on hand for
troubleshooting and fixing those computers currently in use here at MLSO.
___end___
Tue Aug 31 18:06:03 GMT 2010    CHIP    End Patrol
**CHIP PROBLEM COMMENT BY DARRYL**: Tue Aug 31 18:24:47 GMT 2010
Typical crash, but it looks like one set of wavelength changes happened
before the crash.  Crash happens after Sparc attempts "WaitOptics" in the
Patrol program, alakai reports a "Bus Error" soon after the first
wavelength in a series of 7 for a loop of exposures.  I think the crash
happens while alakai is trying to change the LCVR in the Lyot filter,
it seems like either it doesn't get there or there is a problem waiting
for it to get to the commanded wavelength.  I wish I could find a way
to tell where the wavelength is currently set so I can see if it changed
to the commanded wavelength.  If I'm interpreting the alakai messages
correctly it looks like alakai gets the next commanded wavelength from
Kii but doesn't send the command to the LCVR receiver ("1081" in the
alakai messages?), meanwhile Kii is waiting for alakai to acknowledge
the wavelength change ("WaitOptics") before it can go on to taking
2 exposures at that wavelength ("SendCameraCommand").  Will do a
pau, kill processes, reset alakai, run.
___end___
Tue Aug 31 19:22:03 GMT 2010    CHIP    Start Patrol
NOTE BY DARRYL: Tue Aug 31 20:25:41 GMT 2010
Adjusted dome slot.
___end___
**GENERAL PROBLEM COMMENT BY DARRYL**: Tue Aug 31 20:25:57 GMT 2010
I bought and installed a new low current charger for the battery in the main
dome lift.  It is in the battery tray and now easily visible from normal
orientation of lift, instructions and status lights are on the case, just
need to plug in until it shows full charge whenever we notice that the lift
is getting sluggish, then unplug until next time.  Also adjusted battery
electrolyte level with distilled water.
___end___
Tue Aug 31 21:15:11 GMT 2010    MKIV    End Patrol
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Tue Aug 31 21:15:17 GMT 2010    MKIV    Start Cal
Tue Aug 31 21:34:02 GMT 2010    MKIV    End Cal
Tue Aug 31 21:34:07 GMT 2010    MKIV    Start Patrol
WEATHER COMMENT: Tue Aug 31 21:44:32 GMT 2010
Low clouds are passing over.
___end___
Tue Aug 31 23:01:37 GMT 2010    CHIP    LSD
PSPT COMMENT BY DARRYL: Tue Aug 31 23:01:15 GMT 2010
I got an RMA number from Vincent Associates and packed up the 2 shutters
that are in need of repair, I will FedEx those this afternoon.
___end___
MKIV COMMENT BY DARRYL: Tue Aug 31 23:02:39 GMT 2010
Pausing due to clouds.
___end___
Tue Aug 31 23:03:36 GMT 2010    CHIP    End LSD
Tue Aug 31 23:03:44 GMT 2010    CHIP    BiasLSD
Tue Aug 31 23:04:21 GMT 2010    CHIP    End BiasLSD
Tue Aug 31 23:04:30 GMT 2010    CHIP    Bias
Tue Aug 31 23:05:02 GMT 2010    CHIP    End Bias
Tue Aug 31 23:05:15 GMT 2010    CHIP    ReStart Patrol
Tue Aug 31 23:08:32 GMT 2010    MKIV    End Patrol
Tue Aug 31 23:11:56 GMT 2010    CHIP    End Patrol
WEATHER COMMENT: Tue Aug 31 23:12:02 GMT 2010
Pausing rest of instruments due to clouds.
___end___
Tue Aug 31 23:14:24 GMT 2010 H-ALPHA End Patrol
Tue Aug 31 23:19:12 GMT 2010
        MkIV


17_36.rawmk4    18_44.rawmk4    19_55.rawmk4    21_03.rawmk4    22_21.rawmk4
17_39.rawmk4    18_47.rawmk4    19_58.rawmk4    21_06.rawmk4    22_24.rawmk4
17_42.rawmk4    18_49.rawmk4    20_01.rawmk4    21_08.rawmk4    22_26.rawmk4
17_45.rawmk4    18_52.rawmk4    20_04.rawmk4    21_12.rawmk4    22_29.rawmk4
17_48.rawmk4    18_55.rawmk4    20_07.rawmk4    21_18.rawmk4    22_32.rawmk4
17_51.rawmk4    18_58.rawmk4    20_10.rawmk4    21_24.rawmk4    22_35.rawmk4
17_54.rawmk4    19_01.rawmk4    20_13.rawmk4    21_30.rawmk4    22_38.rawmk4
17_57.rawmk4    19_04.rawmk4    20_16.rawmk4    21_34.rawmk4    22_41.rawmk4
18_00.rawmk4    19_07.rawmk4    20_19.rawmk4    21_37.rawmk4    22_44.rawmk4
18_02.rawmk4    19_10.rawmk4    20_21.rawmk4    21_40.rawmk4    22_47.rawmk4
18_05.rawmk4    19_13.rawmk4    20_24.rawmk4    21_42.rawmk4    22_50.rawmk4
18_08.rawmk4    19_16.rawmk4    20_27.rawmk4    21_45.rawmk4    22_53.rawmk4
18_11.rawmk4    19_19.rawmk4    20_30.rawmk4    21_48.rawmk4    22_56.rawmk4
18_14.rawmk4    19_22.rawmk4    20_33.rawmk4    21_51.rawmk4    22_59.rawmk4
18_17.rawmk4    19_25.rawmk4    20_36.rawmk4    21_54.rawmk4    23_02.rawmk4
18_20.rawmk4    19_28.rawmk4    20_39.rawmk4    21_57.rawmk4    23_05.rawmk4
18_23.rawmk4    19_31.rawmk4    20_42.rawmk4    22_00.rawmk4    c21_15.rawmk4
18_26.rawmk4    19_34.rawmk4    20_45.rawmk4    22_03.rawmk4    c21_21.rawmk4
18_29.rawmk4    19_37.rawmk4    20_48.rawmk4    22_06.rawmk4    c21_27.rawmk4
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18_32.rawmk4    19_39.rawmk4    20_51.rawmk4    22_09.rawmk4
18_35.rawmk4    19_42.rawmk4    20_54.rawmk4    22_12.rawmk4
18_38.rawmk4    19_45.rawmk4    20_57.rawmk4    22_15.rawmk4
18_41.rawmk4    19_51.rawmk4    21_00.rawmk4    22_18.rawmk4
```