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--------------------------------------------------------------------------------
                 Mauna Loa Solar Observatory Observer's Log
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          Mon Jul 16 16:26:10 GMT 2007
Year: 07  Doy: 197
Observer: stueben
WEATHER COMMENT: Mon Jul 16 16:26:32 GMT 2007
Dark overcast and drizzle with some breaks, wind east 5 mph, temp 44F. Domes
closed awaiting clearer skies.
___end___
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Mon Jul 16 16:51:15 GMT 2007
WEATHER COMMENT: Mon Jul 16 17:03:44 GMT 2007
Cloudbank to east receding, opening up domes.
___end___
Mon Jul 16 17:07:52 GMT 2007     CHIP     Start Patrol
Mon Jul 16 17:08:14 GMT 2007     PICS     Start Patrol
PSPT COMMENT: Mon Jul 16 17:08:52 GMT 2007
Starting up.
___end___
PSPT COMMENT: Mon Jul 16 17:31:22 GMT 2007
Observing.
___end___
**MLSO PROBLEM**: Mon Jul 16 17:46:01 GMT 2007
Attempted startup.  Boot dialog appeared OK except for "Ignoring writehost !!!"
message that appeared after hello for t_barrel line.  That same message,
"Ignore writehost !!!!!!!" appears one or more times after barrel turns
around.  Gui is going, but no data appears on image areas, appears to be only
noise.  Patrol is basically running except for the no data issue.
Could David have revised the boot script to get by the crash problem
Darryl encountered yesterday with the new MV200 board?
___end___
Mon Jul 16 18:00:16 GMT 2007     PICS     Flat
Mon Jul 16 18:01:50 GMT 2007     CHIP     LSD
Mon Jul 16 18:02:33 GMT 2007     PICS     End Flat
Mon Jul 16 18:02:38 GMT 2007     PICS     ReStart Patrol
Mon Jul 16 18:03:31 GMT 2007     CHIP     End LSD
Mon Jul 16 18:03:38 GMT 2007     CHIP     BiasLSD
Mon Jul 16 18:04:28 GMT 2007     CHIP     End BiasLSD
Mon Jul 16 18:04:34 GMT 2007     CHIP     Bias
Mon Jul 16 18:05:24 GMT 2007     CHIP     End Bias
Mon Jul 16 18:05:29 GMT 2007     CHIP     ReStart Patrol
**PSPT PROBLEM**: Mon Jul 16 18:26:17 GMT 2007
Looked like filter was not at the correct position, did a ftr home on PC
while program was in wait for nect series mode.
___end___
Mon Jul 16 18:32:15 GMT 2007     MKIV     Start Patrol
**MKIV PROBLEM**: Mon Jul 16 18:36:59 GMT 2007
Looks like we're back in buisness. After David removed the change stopping data
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writes to the host we reseated the Bit3 pcb and its attached cables. After
rebooting we now have a clean bootup and operation and data is being transferred
to nahenahe and displayed. Images are a bit noisy but we can see corona, we'll
run a calibration to see if that improves the images.
___end___
Mon Jul 16 18:44:21 GMT 2007   MKIV   End Patrol
Mon Jul 16 18:44:27 GMT 2007   MKIV   Start Cal
Mon Jul 16 19:03:09 GMT 2007   MKIV   End Cal
Mon Jul 16 19:03:15 GMT 2007   MKIV   Start Patrol
MKIV PROBLEM: Mon Jul 16 19:01:31 GMT 2007
Bit3 board/cables issue may have been separate from the original problem.
Darryl had to move flat cables connected to front of KCC boards in order
to access the Max Video 200 board in order to swap in the "spare". The
cabling to the Bit3 board may have become compromised at that time.....
thus the different error messages in the boot dialog and the continued
boot failure. The MV200 swap probably fixed the original problem.
___end___
Mon Jul 16 19:27:01 GMT 2007   MKIV   End Patrol
Mon Jul 16 19:26:59 GMT 2007   CHIP   End Patrol
Mon Jul 16 19:27:35 GMT 2007   PICS   End Patrol
COMMENT: Mon Jul 16 19:27:32 GMT 2007
reconfiguring dome shutter.
___end___
MKIV COMMENT: Mon Jul 16 19:30:01 GMT 2007
Stopping to remove NV200 card to do some checking and testing.
___end___
Mon Jul 16 19:36:42 GMT 2007   CHIP   Start Patrol
Mon Jul 16 19:36:55 GMT 2007   PICS   Start Patrol
MKIV COMMENT: Mon Jul 16 19:46:16 GMT 2007
Compared old DQ board with new one, settings are similar. Swapped old
board back into KCC and firing it up.
___end___
MKIV PROBLEM: Mon Jul 16 19:50:58 GMT 2007
Getting same gdm9000 and dqSetTimingSwitch errors as before with old
DataQube MaxVideo200 board back in the system and subsequent crash of boot.
Calling the card BAD and shipping it back to Boulder.
Swapping the "new" DataCube MaxVideo 200 back into KCC, firing it up.
___end___
Mon Jul 16 20:00:56 GMT 2007   MKIV   Start Patrol
MKIV COMMENT: Mon Jul 16 20:01:24 GMT 2007
System came back up, albeit with the same noisy signal, and is running
Patrol normally. Declaring old DataCube board bad and we will ship it
back for repair or proper burial.
___end___
PSPT PROBLEM: Mon Jul 16 20:17:23 GMT 2007
Crash at 2003 UT, k/r.
___end___
WEATHER COMMENT: Mon Jul 16 20:18:06 GMT 2007

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In scattered orographic clouds.
___end___
NICE MK4      IMAGE: 2148
NICE CHIP     IMAGE: 2148
NICE PICSLIMB IMAGE: 2150
NICE PICSDISC IMAGE: 2152
Mon Jul 16 22:29:24 GMT 2007    MKIV    End Patrol
MKIV COMMENT: Mon Jul 16 22:29:06 GMT 2007
Stopping to examine pins on DataCube board and connectors for any damage
that could possibly cause the noise in the images.
___end___
WEATHER COMMENT: Mon Jul 16 22:34:15 GMT 2007
In cirrus.
___end___
Mon Jul 16 22:47:11 GMT 2007    MKIV    Start Patrol
MKIV COMMENT: Mon Jul 16 22:47:26 GMT 2007
Pins and sockets on DQ board all looked OK.  Re-installed and fired back up.
In clouds but running a loop to assure things went back together OK.
___end___
**PSPT PROBLEM**: Mon Jul 16 22:56:40 GMT 2007
Filter may have lost position again,  Did a ftr home on the PC during the
wait period.
___end___
WEATHER COMMENT: Mon Jul 16 23:00:56 GMT 2007
In cirrus, idling mk4.
___end___
Mon Jul 16 23:05:12 GMT 2007    MKIV    End Patrol
Mon Jul 16 23:22:37 GMT 2007    CHIP    End Patrol
Mon Jul 16 23:23:19 GMT 2007    PICS    End Patrol
WEATHER COMMENT: Mon Jul 16 23:24:21 GMT 2007
Blowing fog, idling instruments and closing domes.
___end___
GONG COMMENT: Tue Jul 17 00:24:31 GMT 2007
Performed weekly pm.
___end___
Tue Jul 17 00:41:06 GMT 2007
        MkIV


18_32.rawmk4    20_00.rawmk4    20_45.rawmk4    21_30.rawmk4    22_14.rawmk4
18_35.rawmk4    20_04.rawmk4    20_49.rawmk4    21_33.rawmk4    22_17.rawmk4
18_38.rawmk4    20_06.rawmk4    20_52.rawmk4    21_36.rawmk4    22_20.rawmk4
18_41.rawmk4    20_09.rawmk4    20_55.rawmk4    21_39.rawmk4    22_23.rawmk4
18_47.rawmk4    20_12.rawmk4    20_58.rawmk4    21_42.rawmk4    22_26.rawmk4
18_53.rawmk4    20_15.rawmk4    21_01.rawmk4    21_45.rawmk4    22_47.rawmk4
18_59.rawmk4    20_18.rawmk4    21_04.rawmk4    21_48.rawmk4    22_50.rawmk4
19_03.rawmk4    20_21.rawmk4    21_06.rawmk4    21_50.rawmk4    22_53.rawmk4
19_06.rawmk4    20_24.rawmk4    21_09.rawmk4    21_53.rawmk4    22_56.rawmk4
19_09.rawmk4    20_27.rawmk4    21_12.rawmk4    21_56.rawmk4    22_59.rawmk4
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19_12.rawmk4    20_30.rawmk4    21_15.rawmk4    21_59.rawmk4    23_02.rawmk4
19_15.rawmk4    20_33.rawmk4    21_18.rawmk4    22_02.rawmk4    c18_44.rawmk4
19_17.rawmk4    20_36.rawmk4    21_21.rawmk4    22_05.rawmk4    c18_50.rawmk4
19_20.rawmk4    20_39.rawmk4    21_24.rawmk4    22_08.rawmk4    c18_56.rawmk4
19_23.rawmk4    20_42.rawmk4    21_27.rawmk4    22_11.rawmk4
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