

-----  
Mauna Loa Solar Observatory Observer's Log  
-----

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 next 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 business. After David removed the change stopping data writes to the host we resealed 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 DataCube 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

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
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	