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Mauna Loa Solar Observatory Observer's Log  
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Mon Jul 9 16:25:32 GMT 2007

Year: 07 Doy: 190

Observer: yasukawa

WEATHER COMMENT: Mon Jul 9 16:25:45 GMT 2007

Clear, S wind 25-30 mph, temp 44 F.

\_\_\_\_end\_\_\_\_

Mon Jul 9 16:30:40 GMT 2007 CHIP Start Patrol

Mon Jul 9 16:30:50 GMT 2007 PICS Start Patrol

PSPT COMMENT: Mon Jul 9 16:31:38 GMT 2007

Startup.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\*: Mon Jul 9 16:47:06 GMT 2007

Spar wound around 2X before cables and hoses stopped progress.

PC program was still cranking away trying to rotate the RA motor.

Killed and powered down. Will troubleshoot possible RA limit switch failure later as I have time.

\_\_\_\_end\_\_\_\_

Mon Jul 9 16:49:04 GMT 2007 MKIV Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Mon Jul 9 16:49:14 GMT 2007

Mon Jul 9 18:00:50 GMT 2007 CHIP LSD

Mon Jul 9 18:01:20 GMT 2007 PICS Flat

Mon Jul 9 18:02:38 GMT 2007 CHIP End LSD

Mon Jul 9 18:02:52 GMT 2007 CHIP BiasLSD

Mon Jul 9 18:03:38 GMT 2007 PICS End Flat

Mon Jul 9 18:03:45 GMT 2007 PICS ReStart Patrol

Mon Jul 9 18:03:52 GMT 2007 CHIP End BiasLSD

Mon Jul 9 18:04:01 GMT 2007 CHIP Bias

Mon Jul 9 18:04:54 GMT 2007 CHIP End Bias

Mon Jul 9 18:05:01 GMT 2007 CHIP ReStart Patrol

Mon Jul 9 18:06:49 GMT 2007 MKIV Start Cal

Mon Jul 9 18:25:38 GMT 2007 MKIV End Cal

Mon Jul 9 18:25:44 GMT 2007 MKIV Start Patrol

Mon Jul 9 19:14:36 GMT 2007 PICS End Patrol

Mon Jul 9 19:14:54 GMT 2007 CHIP End Patrol

COMMENT: Mon Jul 9 19:14:18 GMT 2007

stopping to reconfigure dome shutter.

\_\_\_\_end\_\_\_\_

Mon Jul 9 19:18:51 GMT 2007 MKIV End Patrol

Mon Jul 9 19:25:05 GMT 2007 MKIV Start Patrol

Mon Jul 9 19:25:21 GMT 2007 CHIP Start Patrol

Mon Jul 9 19:25:32 GMT 2007 PICS Start Patrol

GONG COMMENT: Mon Jul 9 19:31:58 GMT 2007

Going down to GONG to do weekly PM and to look for hardware solution to PSPT wire breakage problem.

\_\_\_\_end\_\_\_\_

GONG COMMENT: Mon Jul 9 19:56:13 GMT 2007  
Back from GONG.

\_\_\_\_end\_\_\_\_

PSPT COMMENT: Mon Jul 9 21:05:52 GMT 2007  
Observing.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\* : Mon Jul 9 21:06:15 GMT 2007

PSPT was intermittently losing its RA limit status because the ground to both W and E limit sensor was broken along the cabling near P64 connector on the spar. Wire broke between where the cable sheathing ended and the connector strain relief began. Had to jury-rig a sleeve to solder the two broken ends together. This was P64 pin 8. Also found the two shield wires at P64 pins 1 and 2 had pulled out of their crimps. Found proper tool for removing the pins from the connector, soldered the wires to the pins and pushed the pins back into the connector, again, with the proper tool. There are no spare pins, cabling, or connectors for PSPT, BTW.

Reassembled cable and fired PSPT back up.

Start-up went smoothly, with HOME guider instruction stopping smoothly before or at the limit (it's not a hard limit -- it's an opto-switch).

\_\_\_\_end\_\_\_\_

NICE MK4 IMAGE: 1802

NICE PICSLIMB IMAGE: 1801

NICE CHIP IMAGE: 1800

NICE PICSDISC IMAGE: 1800

\*\*PSPT PROBLEM\*\* : Mon Jul 9 23:37:13 GMT 2007

Crash at 2323 UT, k/r.

\_\_\_\_end\_\_\_\_

\*\*PSPT PROBLEM\*\* : Tue Jul 10 02:03:00 GMT 2007

Crash at 0155 UT, k/r/shutdown.

\_\_\_\_end\_\_\_\_

Tue Jul 10 02:24:55 GMT 2007 PICS End Patrol

Tue Jul 10 02:25:41 GMT 2007 CHIP End Patrol

Tue Jul 10 02:30:29 GMT 2007 MKIV End Patrol

Tue Jul 10 02:34:06 GMT 2007

MkIV

00_02.rawmk4	02_00.rawmk4	18_25.rawmk4	20_26.rawmk4	22_21.rawmk4
00_05.rawmk4	02_03.rawmk4	18_28.rawmk4	20_29.rawmk4	22_24.rawmk4
00_08.rawmk4	02_06.rawmk4	18_31.rawmk4	20_32.rawmk4	22_27.rawmk4
00_11.rawmk4	02_09.rawmk4	18_34.rawmk4	20_35.rawmk4	22_30.rawmk4
00_14.rawmk4	02_12.rawmk4	18_37.rawmk4	20_38.rawmk4	22_33.rawmk4
00_17.rawmk4	02_15.rawmk4	18_40.rawmk4	20_41.rawmk4	22_36.rawmk4
00_20.rawmk4	02_18.rawmk4	18_43.rawmk4	20_44.rawmk4	22_38.rawmk4
00_22.rawmk4	02_21.rawmk4	18_46.rawmk4	20_47.rawmk4	22_41.rawmk4
00_26.rawmk4	02_24.rawmk4	18_49.rawmk4	20_50.rawmk4	22_44.rawmk4
00_28.rawmk4	02_27.rawmk4	18_52.rawmk4	20_53.rawmk4	22_47.rawmk4
00_31.rawmk4	16_49.rawmk4	18_55.rawmk4	20_56.rawmk4	22_50.rawmk4
00_37.rawmk4	16_52.rawmk4	18_58.rawmk4	20_59.rawmk4	22_53.rawmk4

00_41.rawmk4	16_55.rawmk4	19_00.rawmk4	21_02.rawmk4	22_56.rawmk4
00_44.rawmk4	16_57.rawmk4	19_03.rawmk4	21_05.rawmk4	22_59.rawmk4
00_47.rawmk4	17_00.rawmk4	19_06.rawmk4	21_07.rawmk4	23_02.rawmk4
00_50.rawmk4	17_03.rawmk4	19_09.rawmk4	21_10.rawmk4	23_05.rawmk4
00_53.rawmk4	17_06.rawmk4	19_12.rawmk4	21_13.rawmk4	23_08.rawmk4
00_56.rawmk4	17_09.rawmk4	19_15.rawmk4	21_16.rawmk4	23_11.rawmk4
00_59.rawmk4	17_12.rawmk4	19_25.rawmk4	21_19.rawmk4	23_14.rawmk4
01_02.rawmk4	17_15.rawmk4	19_28.rawmk4	21_22.rawmk4	23_17.rawmk4
01_05.rawmk4	17_18.rawmk4	19_31.rawmk4	21_25.rawmk4	23_20.rawmk4
01_08.rawmk4	17_21.rawmk4	19_33.rawmk4	21_28.rawmk4	23_23.rawmk4
01_10.rawmk4	17_24.rawmk4	19_36.rawmk4	21_31.rawmk4	23_26.rawmk4
01_13.rawmk4	17_27.rawmk4	19_39.rawmk4	21_34.rawmk4	23_28.rawmk4
01_16.rawmk4	17_30.rawmk4	19_42.rawmk4	21_37.rawmk4	23_31.rawmk4
01_19.rawmk4	17_33.rawmk4	19_45.rawmk4	21_40.rawmk4	23_35.rawmk4
01_22.rawmk4	17_36.rawmk4	19_48.rawmk4	21_43.rawmk4	23_38.rawmk4
01_25.rawmk4	17_39.rawmk4	19_51.rawmk4	21_46.rawmk4	23_41.rawmk4
01_28.rawmk4	17_42.rawmk4	19_54.rawmk4	21_49.rawmk4	23_44.rawmk4
01_31.rawmk4	17_45.rawmk4	19_57.rawmk4	21_52.rawmk4	23_47.rawmk4
01_34.rawmk4	17_47.rawmk4	20_00.rawmk4	21_54.rawmk4	23_50.rawmk4
01_37.rawmk4	17_50.rawmk4	20_03.rawmk4	21_57.rawmk4	23_53.rawmk4
01_40.rawmk4	17_53.rawmk4	20_06.rawmk4	22_00.rawmk4	23_56.rawmk4
01_43.rawmk4	17_56.rawmk4	20_09.rawmk4	22_03.rawmk4	23_59.rawmk4
01_46.rawmk4	17_59.rawmk4	20_12.rawmk4	22_06.rawmk4	c18_06.rawmk4
01_49.rawmk4	18_02.rawmk4	20_15.rawmk4	22_09.rawmk4	c18_13.rawmk4
01_52.rawmk4	18_09.rawmk4	20_18.rawmk4	22_12.rawmk4	c18_19.rawmk4
01_54.rawmk4	18_16.rawmk4	20_20.rawmk4	22_15.rawmk4	
01_57.rawmk4	18_22.rawmk4	20_23.rawmk4	22_18.rawmk4	