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Mauna Loa Solar Observatory Observer's Log  
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Mon Feb 14 17:09:10 GMT 2005

Year: 05 Doy: 045

Observer: yasukawa

WEATHER COMMENT: Mon Feb 14 17:09:21 GMT 2005

Clear, S wind 9 mph, temp 35 F.

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

Mon Feb 14 17:19:31 GMT 2005 CHIP Start Patrol

Mon Feb 14 17:19:43 GMT 2005 PICS Start Patrol

ECHO COMMENT: Mon Feb 14 17:23:47 GMT 2005

Time OK

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

PSPT COMMENT: Mon Feb 14 17:24:15 GMT 2005

Startup.

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

PSPT COMMENT: Mon Feb 14 17:32:40 GMT 2005

Observing.

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

MKIV COMMENT: Mon Feb 14 17:43:59 GMT 2005

Mk4 clearing dome cylinder, centering O1.

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

Mon Feb 14 17:44:26 GMT 2005 MKIV Start Patrol

Mon Feb 14 18:01:46 GMT 2005 CHIP LSD

Mon Feb 14 18:02:17 GMT 2005 PICS Flat

Mon Feb 14 18:03:26 GMT 2005 CHIP End LSD

Mon Feb 14 18:03:35 GMT 2005 CHIP BiasLSD

Mon Feb 14 18:04:28 GMT 2005 CHIP End BiasLSD

Mon Feb 14 18:04:36 GMT 2005 CHIP Bias

Mon Feb 14 18:04:51 GMT 2005 PICS End Flat

Mon Feb 14 18:05:06 GMT 2005 PICS ReStart Patrol

Mon Feb 14 18:05:31 GMT 2005 CHIP End Bias

Mon Feb 14 18:05:38 GMT 2005 CHIP ReStart Patrol

\*\*MKIV PROBLEM\*\* Mon Feb 14 18:28:13 GMT 2005

Akamai (KCC) crashed, barrel stopped, mouse unresponsive.

Reset KCC.

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

\*\*MKIV PROBLEM\*\* Mon Feb 14 18:32:59 GMT 2005

Had to cycle KCC power to recover from crash.

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

MKIV COMMENT: Mon Feb 14 18:33:34 GMT 2005

Centering O1.

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

Mon Feb 14 18:33:55 GMT 2005 MKIV Start Cal

GONG COMMENT: Mon Feb 14 18:35:25 GMT 2005

Going down to GONG to do weekly PM.

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

Mon Feb 14 18:52:36 GMT 2005 MKIV End Cal  
Mon Feb 14 18:52:43 GMT 2005 MKIV Start Patrol

NICE MK4 IMAGE: 1836

NICE PICSLIMB IMAGE: 1836

NICE PICSDISC IMAGE: 1835

NICE CHIP IMAGE: 1835

MKIV COMMENT: Mon Feb 14 19:33:57 GMT 2005

Centered O1.

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

MKIV COMMENT: Mon Feb 14 21:25:28 GMT 2005

Centered O1.

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

\*\*MLSO PROBLEM\*\* Mon Feb 14 21:34:33 GMT 2005

ADR failure. Troubleshooting.

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

\*\*MLSO PROBLEM\*\* Mon Feb 14 21:44:08 GMT 2005

ADR time-delay relay failed. Replaced failed relay with spare.

Inspecting failed relay to determine if shorted contact can be repaired.

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

\*\*MLSO PROBLEM\*\* Mon Feb 14 21:53:31 GMT 2005

I was testing the delay setting on the new relay.

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

MKIV COMMENT: Mon Feb 14 22:32:26 GMT 2005

Centered O1.

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

\*\*PSPT PROBLEM\*\* Mon Feb 14 23:17:27 GMT 2005

Crashed at 2308 at (3/3) Taking Red image. Killed and restarted.

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

\*\*MLSO PROBLEM\*\* Tue Feb 15 00:07:15 GMT 2005

Appears new time-delay relay is working OK in ADR.

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

MKIV COMMENT: Tue Feb 15 00:09:18 GMT 2005

Centered O1.

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

MKIV COMMENT: Tue Feb 15 01:10:59 GMT 2005

Centered O1.

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

\*\*PSPT PROBLEM\*\* Tue Feb 15 01:27:39 GMT 2005

Crashed at 0116 UT at (3/3) Taking Cak image. Killed and restarted.

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

\*\*PICS PROBLEM\*\* Tue Feb 15 01:55:16 GMT 2005

Timing problems with H-alpha.disk program started occurring from 0150 UT.

I do not see anything strange about the console messages, but then I don't know what a correct nmessage would display. Need to write a few of them down.

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

\*\*PICS PROBLEM\*\* Tue Feb 15 02:06:13 GMT 2005

Messages on console during the H-alpha.disk interval appear to differ

in the two values that appear when the image is taken, after the optics setup. In the case where the optics are in the correct positions, the numbers are like: 379 369[1] 10040

In the case where they were not in the correct positions the numbers were like: 78 75[1] 13815  
or: 6 377[1] 12281

The two numbers were low... single or double digits and when the optics were in place, the two numbers were in the 300-400 range.

What are the significance of these values?

\_\_\_end\_\_\_  
Tue Feb 15 02:27:42 GMT 2005 PICS End Patrol  
Tue Feb 15 02:29:50 GMT 2005 CHIP End Patrol  
Tue Feb 15 02:33:28 GMT 2005 MKIV End Patrol  
Tue Feb 15 02:36:58 GMT 2005

MkIV

00_00.rawmk4	01_43.rawmk4	19_07.rawmk4	20_50.rawmk4	22_32.rawmk4
00_03.rawmk4	01_46.rawmk4	19_10.rawmk4	20_53.rawmk4	22_35.rawmk4
00_06.rawmk4	01_49.rawmk4	19_13.rawmk4	20_56.rawmk4	22_38.rawmk4
00_09.rawmk4	01_52.rawmk4	19_16.rawmk4	20_59.rawmk4	22_41.rawmk4
00_12.rawmk4	01_55.rawmk4	19_19.rawmk4	21_02.rawmk4	22_44.rawmk4
00_15.rawmk4	01_57.rawmk4	19_22.rawmk4	21_04.rawmk4	22_47.rawmk4
00_18.rawmk4	02_00.rawmk4	19_25.rawmk4	21_07.rawmk4	22_50.rawmk4
00_20.rawmk4	02_03.rawmk4	19_28.rawmk4	21_10.rawmk4	22_52.rawmk4
00_23.rawmk4	02_06.rawmk4	19_31.rawmk4	21_13.rawmk4	22_55.rawmk4
00_26.rawmk4	02_09.rawmk4	19_33.rawmk4	21_16.rawmk4	22_58.rawmk4
00_29.rawmk4	02_12.rawmk4	19_36.rawmk4	21_19.rawmk4	23_01.rawmk4
00_32.rawmk4	02_15.rawmk4	19_39.rawmk4	21_22.rawmk4	23_04.rawmk4
00_35.rawmk4	02_18.rawmk4	19_42.rawmk4	21_25.rawmk4	23_07.rawmk4
00_38.rawmk4	02_21.rawmk4	19_45.rawmk4	21_28.rawmk4	23_10.rawmk4
00_41.rawmk4	02_24.rawmk4	19_48.rawmk4	21_31.rawmk4	23_13.rawmk4
00_44.rawmk4	02_27.rawmk4	19_51.rawmk4	21_34.rawmk4	23_16.rawmk4
00_47.rawmk4	02_30.rawmk4	19_54.rawmk4	21_37.rawmk4	23_19.rawmk4
00_50.rawmk4	17_44.rawmk4	19_57.rawmk4	21_40.rawmk4	23_22.rawmk4
00_53.rawmk4	17_47.rawmk4	20_00.rawmk4	21_43.rawmk4	23_25.rawmk4
00_56.rawmk4	17_50.rawmk4	20_03.rawmk4	21_46.rawmk4	23_28.rawmk4
00_59.rawmk4	17_53.rawmk4	20_06.rawmk4	21_48.rawmk4	23_31.rawmk4
01_02.rawmk4	17_56.rawmk4	20_09.rawmk4	21_51.rawmk4	23_34.rawmk4
01_05.rawmk4	17_59.rawmk4	20_12.rawmk4	21_54.rawmk4	23_36.rawmk4
01_08.rawmk4	18_05.rawmk4	20_15.rawmk4	21_57.rawmk4	23_39.rawmk4
01_10.rawmk4	18_08.rawmk4	20_17.rawmk4	22_00.rawmk4	23_42.rawmk4
01_13.rawmk4	18_11.rawmk4	20_20.rawmk4	22_03.rawmk4	23_45.rawmk4
01_16.rawmk4	18_14.rawmk4	20_23.rawmk4	22_06.rawmk4	23_48.rawmk4
01_19.rawmk4	18_36.rawmk4	20_26.rawmk4	22_09.rawmk4	23_51.rawmk4
01_22.rawmk4	18_43.rawmk4	20_29.rawmk4	22_10.rawmk4	23_54.rawmk4
01_25.rawmk4	18_49.rawmk4	20_32.rawmk4	22_14.rawmk4	23_57.rawmk4
01_28.rawmk4	18_52.rawmk4	20_35.rawmk4	22_17.rawmk4	c18_33.rawmk4
01_31.rawmk4	18_55.rawmk4	20_38.rawmk4	22_20.rawmk4	c18_40.rawmk4

01_34.rawmk4	18_58.rawmk4	20_41.rawmk4	22_23.rawmk4	c18_46.rawmk4
01_37.rawmk4	19_01.rawmk4	20_44.rawmk4	22_26.rawmk4	
01_40.rawmk4	19_04.rawmk4	20_47.rawmk4	22_29.rawmk4	