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Mauna Loa Solar Observatory Observer's Log  
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Mon Sep 27 16:46:44 GMT 2004

Year: 04 Doy: 271

Observer: yasukawa

WEATHER COMMENT: Mon Sep 27 16:47:23 GMT 2004

Clear, SW wind 7 mph, temp 38 F.

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

\*\*MLSO PROBLEM\*\* Mon Sep 27 16:59:12 GMT 2004

Allen found a wire from +/-15V power supply that had pulled out of the new connector to allow moving the guider power supplies to their new mount. I will do the repair while Allen gets ready to do the Microtops ozone meter calibration run.

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

PSPT COMMENT: Mon Sep 27 17:10:10 GMT 2004

Start-up

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

ECHO COMMENT: Mon Sep 27 17:10:20 GMT 2004

Time OK.

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

\*\*MLSO PROBLEM\*\* Mon Sep 27 17:10:53 GMT 2004

Wire resoldered onto connector. Repointed spar, turned guider back on. We're in business again.

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

Mon Sep 27 17:12:06 GMT 2004 CHIP Start Patrol

Mon Sep 27 17:24:40 GMT 2004 PICS Start Patrol

\*\*PICS PROBLEM\*\* Mon Sep 27 17:25:14 GMT 2004

PICS stalled in init. Aborted. Had to Cancel WaitRepl and abort again. Restarting.

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

\*\*MKIV PROBLEM\*\* Mon Sep 27 17:28:39 GMT 2004

Akamai gui looks a bit wierd, rebooting KCC.

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

Mon Sep 27 17:35:54 GMT 2004 MKIV Start Patrol

\*\*MKIV PROBLEM\*\* Mon Sep 27 17:35:59 GMT 2004

Had to power KCC down and then power up to recover.

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

\*\*PICS PROBLEM\*\* Mon Sep 27 17:36:39 GMT 2004

Had to reboot nene from kii (rlogin) to recover.

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

PSPT COMMENT: Mon Sep 27 17:40:36 GMT 2004

Observing.

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

Mon Sep 27 17:43:44 GMT 2004 PICS Start Patrol

Mon Sep 27 18:00:50 GMT 2004 CHIP LSD

Mon Sep 27 18:02:31 GMT 2004 CHIP End LSD

Mon Sep 27 18:02:32 GMT 2004 PICS Flat

Mon Sep 27 18:02:51 GMT 2004 CHIP BiasLSD  
Mon Sep 27 18:03:49 GMT 2004 CHIP End BiasLSD  
Mon Sep 27 18:03:58 GMT 2004 CHIP Bias  
Mon Sep 27 18:04:50 GMT 2004 CHIP End Bias  
Mon Sep 27 18:04:57 GMT 2004 CHIP ReStart Patrol  
Mon Sep 27 18:05:07 GMT 2004 PICS End Flat  
Mon Sep 27 18:05:14 GMT 2004 PICS ReStart Patrol  
Mon Sep 27 18:05:46 GMT 2004 MKIV End Patrol  
Mon Sep 27 18:05:52 GMT 2004 MKIV Start Cal  
Mon Sep 27 18:24:35 GMT 2004 MKIV End Cal

MKIV COMMENT: Mon Sep 27 18:26:34 GMT 2004

Centered O1.

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

Mon Sep 27 18:26:45 GMT 2004 MKIV Start Patrol

NICE MK4 IMAGE: 1808

NICE CHIP IMAGE: 1808

NICE PICSLIMB IMAGE: 1809

NICE PICSDISC IMAGE: 1808

MKIV COMMENT: Mon Sep 27 19:04:56 GMT 2004

Centered O1.

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

**\*\*MKIV PROBLEM\*\***: Mon Sep 27 19:05:18 GMT 2004

The MK4 Monitor camel-back signal looked different this morning while struggling with startup problems. Allen mentioned that he noticed the same thing on Saturday morning and that the funny signature went away when he started up mk4 observations. He also noted that he saw one of the optical elements partially in the beam when he took a look down the mk4 tube. The element was the tilt plates. We have always had the problem where the tilt plates slip down a bit when power is turned off. In the past, they did not droop far enough into the beam to cause any problem. Apparently they are now drooping into the beam. I have always done a Tilt-In and then a Tilt-Out first thing in the morning to make sure the plates are out of the beam but did not do that this morning before working on the guider. Procedure may need to be done in the future due to the additional slip. The monitor signature with the tilt plate slipped into the beam a little ways can fool the observer into thinking that the mk4 has still not cleared the dome cylinder and may delay mk4 observation startup.

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

Mon Sep 27 19:24:07 GMT 2004 CHIP End Patrol

Mon Sep 27 19:24:27 GMT 2004 PICS End Patrol

COMMENT: Mon Sep 27 19:24:25 GMT 2004

Stopping to reconfigure dome shutter.

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

Mon Sep 27 19:25:48 GMT 2004 MKIV End Patrol

Mon Sep 27 19:30:13 GMT 2004 MKIV Start Patrol

Mon Sep 27 19:30:16 GMT 2004 CHIP Start Patrol

Mon Sep 27 19:30:27 GMT 2004 PICS Start Patrol

\*\*PSPT PROBLEM\*\* : Mon Sep 27 19:34:48 GMT 2004  
PSPT crashed at 1921 UT writing data. Killed and restarted.

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

WEATHER COMMENT: Mon Sep 27 19:54:24 GMT 2004  
In orographic clouds.

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

Mon Sep 27 20:01:46 GMT 2004 CHIP End Patrol  
Mon Sep 27 20:01:59 GMT 2004 PICS End Patrol

WEATHER COMMENT: Mon Sep 27 20:02:05 GMT 2004  
In thick, extensive overcast, idling instruments.

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

Mon Sep 27 20:05:57 GMT 2004 MKIV End Patrol  
COMMENT: Mon Sep 27 20:06:41 GMT 2004  
Closed domes as a precaution.

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

GONG COMMENT: Mon Sep 27 20:36:25 GMT 2004  
Performed weekly GONG PM.

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

Mon Sep 27 23:21:53 GMT 2004  
MkIV

17_35.rawmk4	18_08.rawmk4	18_47.rawmk4	19_16.rawmk4	19_50.rawmk4
17_38.rawmk4	18_15.rawmk4	18_50.rawmk4	19_19.rawmk4	19_53.rawmk4
17_41.rawmk4	18_21.rawmk4	18_53.rawmk4	19_22.rawmk4	19_56.rawmk4
17_44.rawmk4	18_26.rawmk4	18_56.rawmk4	19_30.rawmk4	19_59.rawmk4
17_47.rawmk4	18_29.rawmk4	18_59.rawmk4	19_33.rawmk4	20_02.rawmk4
17_50.rawmk4	18_32.rawmk4	19_01.rawmk4	19_36.rawmk4	c18_05.rawmk4
17_53.rawmk4	18_35.rawmk4	19_04.rawmk4	19_39.rawmk4	c18_12.rawmk4
17_56.rawmk4	18_38.rawmk4	19_07.rawmk4	19_42.rawmk4	c18_18.rawmk4
17_59.rawmk4	18_41.rawmk4	19_10.rawmk4	19_44.rawmk4	
18_02.rawmk4	18_44.rawmk4	19_13.rawmk4	19_47.rawmk4	