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Mauna Loa Solar Observatory Observer's Log  
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Fri Apr 25 16:34:23 GMT 2003

Year: 03 Doy: 115

Observer: yasukawa

WEATHER COMMENT: Fri Apr 25 16:34:27 GMT 2003

Cool, clear, light south breeze.

Fri Apr 25 16:38:34 GMT 2003 CHIP Start Patrol

Fri Apr 25 16:38:50 GMT 2003 PICS Start Patrol

PSPT COMMENT: Fri Apr 25 16:54:17 GMT 2003

observing

Fri Apr 25 16:55:20 GMT 2003 MKIV Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Apr 25 16:59:18 GMT 2003

WEATHER COMMENT: Fri Apr 25 17:08:29 GMT 2003

Sky quite bright this morning.

**\*\*GONG PROBLEM\*\***: Fri Apr 25 17:10:43 GMT 2003

Going down to GONG to reboot workstation.

**\*\*GONG PROBLEM\*\***: Fri Apr 25 17:35:27 GMT 2003

Back from GONG shelter.

**\*\*MKIV PROBLEM\*\***: Fri Apr 25 17:36:43 GMT 2003

Removing faulty Kepco PRM24-8 (PS1) power supply from spar to replace guts with new unit. May jostle spar in doing this.

Fri Apr 25 18:02:45 GMT 2003 CHIP LSD

Fri Apr 25 18:02:58 GMT 2003 PICS Flat

Fri Apr 25 18:04:21 GMT 2003 CHIP End LSD

Fri Apr 25 18:04:39 GMT 2003 CHIP BiasLSD

Fri Apr 25 18:05:26 GMT 2003 PICS End Flat

Fri Apr 25 18:05:43 GMT 2003 CHIP End BiasLSD

Fri Apr 25 18:05:51 GMT 2003 CHIP Bias

Fri Apr 25 18:06:48 GMT 2003 CHIP End Bias

Fri Apr 25 18:12:15 GMT 2003 MKIV End Patrol

Fri Apr 25 18:12:26 GMT 2003 MKIV Start Cal

Fri Apr 25 18:31:11 GMT 2003 MKIV End Cal

Fri Apr 25 18:31:22 GMT 2003 MKIV Start Patrol

WEATHER COMMENT: Fri Apr 25 19:25:31 GMT 2003

In scattered orographic clouds.

**\*\*PSPT PROBLEM\*\***: Fri Apr 25 19:47:48 GMT 2003

PSPT crashed in Regular Obs at 19:12:53 doing 003-04-25T19:13:30 gdr cmd is:  
ip gdr ephm

Fri Apr 25 20:02:09 GMT 2003 CHIP End Patrol

COMMENT: Fri Apr 25 20:02:22 GMT 2003

Stopping to reconfigure dome shutter.

**\*\*MKIV PROBLEM\*\***: Fri Apr 25 20:02:43 GMT 2003

Will use this opportunity to replace the new power supply onto the spar.

Fri Apr 25 20:03:35 GMT 2003 PICS End Patrol

Fri Apr 25 20:05:43 GMT 2003 MKIV End Patrol

WEATHER COMMENT: Fri Apr 25 20:20:50 GMT 2003

In solid orographic clouds. Leaving dome closed while I test new power supply.

\*\*MKIV PROBLEM\*\*  
Fri Apr 25 20:21:27 GMT 2003

New Kepco innards are in PS1. Swapped PS1 and PS2 to original mechanisms after I remounted PS1 back onto spar. PS1 now powers the barrel, first objective rotation and tilt plate. PS2 now powers O1-X and O1-Y.

This is the original configuration.

Fri Apr 25 20:23:49 GMT 2003 MKIV Start Patrol

Fri Apr 25 20:35:52 GMT 2003 MKIV End Patrol

PSPT COMMENT: Fri Apr 25 20:51:37 GMT 2003

After Alice fixed some erroneous code, I restarted PSPT, but only briefly. Solid orographic clouds closed in so I closed the dome and stopped the observing program.

\*\*MKIV PROBLEM\*\*  
Fri Apr 25 20:53:05 GMT 2003

New power supply is working OK, barrel is behaving and I can move the tilt plate in and out, no problem. Cannot fully test O1 guider now that it is' reconnected to tis old power supply, PS2. There is no sun to operate on.

\*\*GONG PROBLEM\*\*  
Fri Apr 25 21:25:42 GMT 2003

Going down to GONG to replace PLL Waveplate board. Workstation reset did not fix yesterday's problem.

\*\*GONG PROBLEM\*\*  
Fri Apr 25 21:43:20 GMT 2003

Back from GONG shelter. Powered down instrument computer, swapped waveplate cards (#9 removed and #10 installed). Powered instrument computer back up.

Gui looks better, both workstation and xterm, but we won't know if problem is fixed until sky clears up.

WEATHER COMMENT: Fri Apr 25 21:46:17 GMT 2003

In fog and light rain.

Fri Apr 25 22:02:16 GMT 2003

MkIV

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16_58.rawmk4	17_39.rawmk4	18_31.rawmk4	19_12.rawmk4	19_53.rawmk4
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17_21.rawmk4	18_03.rawmk4	18_54.rawmk4	19_36.rawmk4	c18_12.rawmk4
17_24.rawmk4	18_06.rawmk4	18_57.rawmk4	19_39.rawmk4	c18_18.rawmk4
17_27.rawmk4	18_09.rawmk4	19_00.rawmk4	19_41.rawmk4	c18_24.rawmk4
17_30.rawmk4	18_15.rawmk4	19_03.rawmk4	19_44.rawmk4	
17_33.rawmk4	18_21.rawmk4	19_06.rawmk4	19_47.rawmk4	