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Mauna Loa Solar Observatory Observer's Log  
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Sat May 24 16:26:21 GMT 2003

Year: 03 Doy: 144

Observer: stueben

Sat May 24 16:27:50 GMT 2003 CHIP Start Patrol

Sat May 24 16:28:07 GMT 2003 PICS Start Patrol

WEATHER COMMENT: Sat May 24 16:28:18 GMT 2003

Clear, southeast wind 15-20mph, temp 47F.

PSPT COMMENT: Sat May 24 16:36:32 GMT 2003

Observing.

MKIV COMMENT: Sat May 24 16:44:18 GMT 2003

Centered 01 guider.

Sat May 24 16:44:35 GMT 2003 MKIV Start Patrol

Sat May 24 17:37:53 GMT 2003 MKIV End Patrol

Sat May 24 17:57:39 GMT 2003 MKIV End Cal

Sat May 24 17:57:50 GMT 2003 MKIV Start Patrol

Sat May 24 18:00:49 GMT 2003 CHIP LSD

Sat May 24 18:02:46 GMT 2003 CHIP End LSD

Sat May 24 18:02:56 GMT 2003 CHIP BiasLSD

Sat May 24 18:03:49 GMT 2003 PICS Flat

Sat May 24 18:03:51 GMT 2003 CHIP End BiasLSD

Sat May 24 18:04:12 GMT 2003 CHIP Bias

Sat May 24 18:05:12 GMT 2003 CHIP End Bias

Sat May 24 18:06:23 GMT 2003 PICS End Flat

MKIV COMMENT: Sat May 24 19:14:41 GMT 2003

Centered 01 guider.

WEATHER COMMENT: Sat May 24 19:15:24 GMT 2003

Wind is strong today, spar is being bounced around.

Sat May 24 20:18:08 GMT 2003 CHIP End Patrol

Sat May 24 20:19:21 GMT 2003 MKIV End Patrol

Sat May 24 20:19:32 GMT 2003 PICS End Patrol

COMMENT: Sat May 24 20:27:17 GMT 2003

Paused to reconfigure dome slot.

Sat May 24 20:27:48 GMT 2003 MKIV Start Patrol

Sat May 24 20:28:05 GMT 2003 CHIP Start Patrol

Sat May 24 20:28:18 GMT 2003 PICS Start Patrol

\*\*PSPT PROBLEM\*\* Sat May 24 20:33:36 GMT 2003

Crashed at 19:10 with error messages as follows -

% Attempted to extend common block: PSPT\_CALOFF At: pspt\_calib\_data.pro Line 752

% Attempt to call undefined procedure/function: 'PSPT\_CALIB\_DATA'.

% Execution halted at: PSPT\_DAILY\_OBS\_EVENT 197 pspt\_daily\_obs.pro

I killed the process and restarted. On restart the dome rotation stalled moving away from the home position. The motor continued running, bouncing up and down as gear teeth skipped. Since dome position was now bad I ran shutdown and then tried startup again - this time the dome moved without stalling. Shortly after

starting daily obs the program crashed again with the same error messages. Killed and restarted again - it is now running OK.

MKIV COMMENT: Sat May 24 22:01:58 GMT 2003

Centered 01 guider.

Sat May 24 22:17:52 GMT 2003 PICS End Patrol

Sat May 24 22:42:39 GMT 2003 PICS Start Patrol

COMMENT: Sat May 24 22:42:47 GMT 2003

Paused PICS for a few minutes while waiting to rotate dome.

MKIV COMMENT: Sat May 24 23:24:18 GMT 2003

Centered 01 guider.

MKIV COMMENT: Sun May 25 00:22:55 GMT 2003

Centered 01 guider.

WEATHER COMMENT: Sun May 25 00:23:37 GMT 2003

Orographic clouds coming up from the west.

Sun May 25 01:29:02 GMT 2003 CHIP End Patrol

Sun May 25 01:29:13 GMT 2003 PICS End Patrol

Sun May 25 01:34:33 GMT 2003 MKIV End Patrol

MKIV COMMENT: Sun May 25 01:34:23 GMT 2003

Centered 01 guider.

Sun May 25 01:41:31 GMT 2003 MKIV Start Patrol

Sun May 25 01:41:48 GMT 2003 CHIP Start Patrol

Sun May 25 01:42:00 GMT 2003 PICS Start Patrol

COMMENT: Sun May 25 01:58:48 GMT 2003

Paused to reconfigure dome slot.

\*\*PSPT PROBLEM\*\* Sun May 25 01:59:42 GMT 2003

Crashed making jpg images. Killed and restarted.

Sun May 25 02:19:21 GMT 2003 CHIP End Patrol

Sun May 25 02:19:29 GMT 2003 PICS End Patrol

WEATHER COMMENT: Sun May 25 02:20:07 GMT 2003

In orographic clouds.

Sun May 25 02:22:55 GMT 2003 MKIV End Patrol

Sun May 25 02:31:54 GMT 2003

MkIV

00_02.rawmk4	02_05.rawmk4	18_30.rawmk4	20_30.rawmk4	22_22.rawmk4
00_05.rawmk4	02_07.rawmk4	18_33.rawmk4	20_33.rawmk4	22_25.rawmk4
00_08.rawmk4	02_10.rawmk4	18_36.rawmk4	20_36.rawmk4	22_28.rawmk4
00_11.rawmk4	02_13.rawmk4	18_39.rawmk4	20_39.rawmk4	22_31.rawmk4
00_14.rawmk4	02_16.rawmk4	18_41.rawmk4	20_42.rawmk4	22_34.rawmk4
00_16.rawmk4	02_19.rawmk4	18_44.rawmk4	20_45.rawmk4	22_37.rawmk4
00_19.rawmk4	16_44.rawmk4	18_47.rawmk4	20_48.rawmk4	22_40.rawmk4
00_22.rawmk4	16_47.rawmk4	18_50.rawmk4	20_51.rawmk4	22_43.rawmk4
00_25.rawmk4	16_50.rawmk4	18_53.rawmk4	20_54.rawmk4	22_45.rawmk4
00_28.rawmk4	16_53.rawmk4	18_56.rawmk4	20_57.rawmk4	22_48.rawmk4
00_34.rawmk4	16_56.rawmk4	18_59.rawmk4	21_00.rawmk4	22_51.rawmk4
00_38.rawmk4	16_59.rawmk4	19_02.rawmk4	21_03.rawmk4	22_54.rawmk4
00_41.rawmk4	17_02.rawmk4	19_05.rawmk4	21_05.rawmk4	22_57.rawmk4
00_44.rawmk4	17_05.rawmk4	19_08.rawmk4	21_08.rawmk4	23_00.rawmk4

00_47.rawmk4	17_08.rawmk4	19_11.rawmk4	21_11.rawmk4	23_03.rawmk4
00_50.rawmk4	17_11.rawmk4	19_14.rawmk4	21_14.rawmk4	23_06.rawmk4
00_53.rawmk4	17_14.rawmk4	19_17.rawmk4	21_17.rawmk4	23_09.rawmk4
00_56.rawmk4	17_17.rawmk4	19_20.rawmk4	21_20.rawmk4	23_12.rawmk4
00_59.rawmk4	17_20.rawmk4	19_23.rawmk4	21_23.rawmk4	23_15.rawmk4
01_01.rawmk4	17_22.rawmk4	19_26.rawmk4	21_26.rawmk4	23_18.rawmk4
01_04.rawmk4	17_25.rawmk4	19_29.rawmk4	21_29.rawmk4	23_21.rawmk4
01_07.rawmk4	17_28.rawmk4	19_32.rawmk4	21_32.rawmk4	23_24.rawmk4
01_10.rawmk4	17_31.rawmk4	19_34.rawmk4	21_35.rawmk4	23_27.rawmk4
01_13.rawmk4	17_34.rawmk4	19_37.rawmk4	21_38.rawmk4	23_30.rawmk4
01_16.rawmk4	17_41.rawmk4	19_40.rawmk4	21_41.rawmk4	23_32.rawmk4
01_19.rawmk4	17_48.rawmk4	19_43.rawmk4	21_44.rawmk4	23_35.rawmk4
01_22.rawmk4	17_54.rawmk4	19_46.rawmk4	21_47.rawmk4	23_38.rawmk4
01_25.rawmk4	17_57.rawmk4	19_49.rawmk4	21_49.rawmk4	23_41.rawmk4
01_28.rawmk4	18_00.rawmk4	19_52.rawmk4	21_52.rawmk4	23_44.rawmk4
01_31.rawmk4	18_03.rawmk4	19_55.rawmk4	21_55.rawmk4	23_47.rawmk4
01_41.rawmk4	18_06.rawmk4	19_58.rawmk4	21_58.rawmk4	23_50.rawmk4
01_44.rawmk4	18_09.rawmk4	20_01.rawmk4	22_01.rawmk4	23_53.rawmk4
01_47.rawmk4	18_12.rawmk4	20_04.rawmk4	22_04.rawmk4	23_56.rawmk4
01_50.rawmk4	18_15.rawmk4	20_07.rawmk4	22_07.rawmk4	23_59.rawmk4
01_53.rawmk4	18_18.rawmk4	20_10.rawmk4	22_10.rawmk4	c17_38.rawmk4
01_56.rawmk4	18_21.rawmk4	20_13.rawmk4	22_13.rawmk4	c17_45.rawmk4
01_59.rawmk4	18_24.rawmk4	20_16.rawmk4	22_16.rawmk4	c17_51.rawmk4
02_02.rawmk4	18_27.rawmk4	20_27.rawmk4	22_19.rawmk4	