
Mauna Loa Solar Observatory Observer's Log

Fri Dec 30 17:16:16 GMT 2005

Year: 05 Doy: 364

Observer: yasukawa

WEATHER COMMENT: Fri Dec 30 17:16:54 GMT 2005

Clear, S wind 10 mph, temp 41 F.

____end____

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Fri Dec 30 17:24:57 GMT 2005

Fri Dec 30 17:24:55 GMT 2005 PICS Start Patrol

Fri Dec 30 17:24:57 GMT 2005 CHIP Start Patrol

A NEW PSPT EXABYTE IS LOADED ON KENOBI Fri Dec 30 17:25:05 GMT 2005

ECHO COMMENT: Fri Dec 30 17:25:10 GMT 2005

Time OK.

____end____

PSPT COMMENT: Fri Dec 30 17:28:52 GMT 2005

Controller temp 15 C.

____end____

PSPT COMMENT: Fri Dec 30 17:29:06 GMT 2005

Starting up.

____end____

PSPT COMMENT: Fri Dec 30 17:42:04 GMT 2005

Observing.

____end____

Fri Dec 30 17:52:11 GMT 2005 MKIV Start Patrol

PSPT COMMENT: Fri Dec 30 17:59:17 GMT 2005

Controller temp 15 C.

____end____

Fri Dec 30 18:01:53 GMT 2005 CHIP LSD

Fri Dec 30 18:02:19 GMT 2005 PICS Flat

Fri Dec 30 18:03:42 GMT 2005 CHIP End LSD

Fri Dec 30 18:03:50 GMT 2005 CHIP BiasLSD

Fri Dec 30 18:04:37 GMT 2005 PICS End Flat

Fri Dec 30 18:04:46 GMT 2005 CHIP End BiasLSD

rol

Fri Dec 30 18:04:59 GMT 2005 CHIP Bias

Fri Dec 30 18:05:51 GMT 2005 CHIP End Bias

Fri Dec 30 18:05:58 GMT 2005 CHIP ReStart Patrol

PSPT COMMENT: Fri Dec 30 18:29:30 GMT 2005

Controller temp 16 C.

____end____

Fri Dec 30 18:34:42 GMT 2005 MKIV End Patrol

Fri Dec 30 18:34:47 GMT 2005 MKIV Start Cal

Fri Dec 30 18:49:27 GMT 2005 MKIV End Cal

Fri Dec 30 18:49:33 GMT 2005 MKIV Start Patrol

PSPT COMMENT: Fri Dec 30 19:00:24 GMT 2005

Controller temp. 16 C.

____end____

NICE MK4 IMAGE: 1839

NICE CHIP IMAGE: 1839

NICE PICSLIMB IMAGE: 1838

NICE PICSDISC IMAGE: 1840

PSPT COMMENT: Fri Dec 30 19:30:06 GMT 2005

Controller temp 17 C.

____end____

PSPT COMMENT: Fri Dec 30 20:00:37 GMT 2005

Controller temp. 17 C.

____end____

****MLSO PROBLEM****: Fri Dec 30 20:19:40 GMT 2005

Spar guider appears to be oscillating at around 2Hz even with the polarizing (used as an ND filter) filter in place. It was quite stable (or unresponsive) earlier in the morning.

____end____

WEATHER COMMENT: Fri Dec 30 20:25:45 GMT 2005

Wind 8 mph from ESE. Sky transmission 1230.

____end____

****MLSO PROBLEM****: Fri Dec 30 20:27:20 GMT 2005

Oscillations seen at guider oscilloscope monitor in diagonal pattern indicating that oscillations are occurring in both RA and declination pointing to a common point in the spar guider circuit.

____end____

PSPT COMMENT: Fri Dec 30 20:31:10 GMT 2005

Controller temp 18 C.

____end____

****MLSO PROBLEM****: Fri Dec 30 20:38:46 GMT 2005

Common point in the spar guider is the AGC input. Since there are separate circuits before and after the input, the flaky gain problem may be coming from the sky transmission circuits.

____end____

****GONG PROBLEM****: Fri Dec 30 21:18:43 GMT 2005

Going down to GONG to work on tape change and checkout request.

____end____

GONG COMMENT: Fri Dec 30 21:46:26 GMT 2005

Back from GONG.

____end____

WEATHER COMMENT: Fri Dec 30 21:51:16 GMT 2005

Wind from E 14 mph.

____end____

PSPT COMMENT: Fri Dec 30 22:08:55 GMT 2005

Controller temp 21 C.

____end____

****MLSO PROBLEM****: Fri Dec 30 22:09:47 GMT 2005

Spar oscillation now primarily in DEC. RA component is minimal.

____end____

WEATHER COMMENT: Fri Dec 30 22:29:52 GMT 2005

Winds 6-7 mph from N.

____end____

MLSO PROBLEM : Fri Dec 30 22:30:15 GMT 2005

Spar oscillations not as pronounced now.

____end____

PSPT PROBLEM : Fri Dec 30 23:23:42 GMT 2005

Crashed at 2253 UT. k/r

____end____

MLSO PROBLEM : Fri Dec 30 23:58:57 GMT 2005

Spar guider oscillating moderately in DEC, less in RA.

Wind 13 mph from N.

____end____

MLSO PROBLEM : Sat Dec 31 00:46:32 GMT 2005

Spar guider oscillating in DEC mostly, RA oscillation negligible.

NE wind 10 mph.

____end____

PSPT COMMENT: Sat Dec 31 00:48:17 GMT 2005

controller temp 24 C.

____end____

PSPT PROBLEM : Sat Dec 31 01:33:06 GMT 2005

Crashed at 0054 UT, k/r

____end____

COMMENT: Sat Dec 31 01:47:15 GMT 2005

Declination reset. Repointed spar and reset guider.

____end____

PSPT PROBLEM : Sat Dec 31 01:48:44 GMT 2005

Crashed at 0143 UT. K/r

____end____

PSPT COMMENT: Sat Dec 31 01:55:31 GMT 2005

Controller temp 23 F.

____end____

MLSO PROBLEM : Sat Dec 31 01:56:22 GMT 2005

Spar guider very stable now, negligible oscillation. Wind NE 8 mph.

____end____

Sat Dec 31 02:30:41 GMT 2005 PICS End Patrol

Sat Dec 31 02:30:45 GMT 2005 CHIP End Patrol

Sat Dec 31 02:34:41 GMT 2005 MKIV End Patrol

Sat Dec 31 02:41:59 GMT 2005

MkIV

00_01.rawmk4	01_47.rawmk4	19_01.rawmk4	20_46.rawmk4	22_36.rawmk4
00_04.rawmk4	01_50.rawmk4	19_04.rawmk4	20_49.rawmk4	22_39.rawmk4
00_07.rawmk4	01_53.rawmk4	19_07.rawmk4	20_52.rawmk4	22_42.rawmk4
00_10.rawmk4	01_56.rawmk4	19_10.rawmk4	20_55.rawmk4	22_45.rawmk4
00_13.rawmk4	01_59.rawmk4	19_13.rawmk4	20_58.rawmk4	22_48.rawmk4
00_16.rawmk4	02_02.rawmk4	19_15.rawmk4	21_01.rawmk4	22_51.rawmk4
00_19.rawmk4	02_05.rawmk4	19_18.rawmk4	21_04.rawmk4	22_54.rawmk4
00_22.rawmk4	02_07.rawmk4	19_21.rawmk4	21_07.rawmk4	22_57.rawmk4

00_25.rawmk4	02_10.rawmk4	19_24.rawmk4	21_10.rawmk4	23_00.rawmk4
00_28.rawmk4	02_13.rawmk4	19_27.rawmk4	21_13.rawmk4	23_02.rawmk4
00_31.rawmk4	02_16.rawmk4	19_30.rawmk4	21_16.rawmk4	23_05.rawmk4
00_33.rawmk4	02_19.rawmk4	19_33.rawmk4	21_19.rawmk4	23_08.rawmk4
00_36.rawmk4	02_22.rawmk4	19_36.rawmk4	21_22.rawmk4	23_11.rawmk4
00_39.rawmk4	02_25.rawmk4	19_39.rawmk4	21_25.rawmk4	23_14.rawmk4
00_42.rawmk4	02_28.rawmk4	19_42.rawmk4	21_28.rawmk4	23_17.rawmk4
00_45.rawmk4	02_31.rawmk4	19_45.rawmk4	21_31.rawmk4	23_20.rawmk4
00_48.rawmk4	17_52.rawmk4	19_48.rawmk4	21_34.rawmk4	23_23.rawmk4
00_51.rawmk4	17_55.rawmk4	19_51.rawmk4	21_36.rawmk4	23_26.rawmk4
00_54.rawmk4	17_58.rawmk4	19_54.rawmk4	21_39.rawmk4	23_29.rawmk4
00_57.rawmk4	18_04.rawmk4	19_57.rawmk4	21_42.rawmk4	23_32.rawmk4
01_00.rawmk4	18_07.rawmk4	20_00.rawmk4	21_45.rawmk4	23_35.rawmk4
01_03.rawmk4	18_10.rawmk4	20_02.rawmk4	21_48.rawmk4	23_38.rawmk4
01_06.rawmk4	18_13.rawmk4	20_05.rawmk4	21_51.rawmk4	23_41.rawmk4
01_09.rawmk4	18_16.rawmk4	20_08.rawmk4	21_54.rawmk4	23_44.rawmk4
01_12.rawmk4	18_19.rawmk4	20_11.rawmk4	21_57.rawmk4	23_46.rawmk4
01_15.rawmk4	18_22.rawmk4	20_14.rawmk4	22_00.rawmk4	23_49.rawmk4
01_18.rawmk4	18_25.rawmk4	20_17.rawmk4	22_06.rawmk4	23_52.rawmk4
01_21.rawmk4	18_28.rawmk4	20_20.rawmk4	22_10.rawmk4	23_55.rawmk4
01_23.rawmk4	18_31.rawmk4	20_23.rawmk4	22_13.rawmk4	23_58.rawmk4
01_26.rawmk4	18_37.rawmk4	20_26.rawmk4	22_15.rawmk4	c18_34.rawmk4
01_29.rawmk4	18_39.rawmk4	20_29.rawmk4	22_18.rawmk4	c18_38.rawmk4
01_32.rawmk4	18_46.rawmk4	20_32.rawmk4	22_21.rawmk4	c18_42.rawmk4
01_35.rawmk4	18_49.rawmk4	20_35.rawmk4	22_24.rawmk4	
01_38.rawmk4	18_52.rawmk4	20_38.rawmk4	22_27.rawmk4	
01_41.rawmk4	18_55.rawmk4	20_41.rawmk4	22_30.rawmk4	
01_44.rawmk4	18_58.rawmk4	20_44.rawmk4	22_33.rawmk4	