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Mauna Loa Solar Observatory Observer's Log  
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Sat Jan 14 17:25:05 GMT 2006

Year: 06 Doy: 014

Observer: stueben

WEATHER COMMENT: Sat Jan 14 17:26:51 GMT 2006

Clear, wind south 10-15 mph, temp 40F.

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

Sat Jan 14 17:31:30 GMT 2006 CHIP Start Patrol

Sat Jan 14 17:31:50 GMT 2006 PICS Start Patrol

ECHO COMMENT: Sat Jan 14 17:34:03 GMT 2006

Time OK.

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

A NEW PSPT EXABYTE IS LOADED ON KENOBI Sat Jan 14 18:00:22 GMT 2006

Sat Jan 14 18:00:29 GMT 2006 MKIV Start Patrol

Sat Jan 14 18:01:54 GMT 2006 CHIP LSD

Sat Jan 14 18:02:19 GMT 2006 PICS Flat

Sat Jan 14 18:03:41 GMT 2006 CHIP End LSD

Sat Jan 14 18:03:48 GMT 2006 CHIP BiasLSD

Sat Jan 14 18:04:38 GMT 2006 PICS End Flat

Sat Jan 14 18:04:39 GMT 2006 CHIP End BiasLSD

Sat Jan 14 18:04:49 GMT 2006 PICS ReStart Patrol

Sat Jan 14 18:04:52 GMT 2006 CHIP Bias

Sat Jan 14 18:05:48 GMT 2006 CHIP End Bias

Sat Jan 14 18:05:56 GMT 2006 CHIP ReStart Patrol

PSPT COMMENT: Sat Jan 14 18:09:06 GMT 2006

Observing, cc temp 10C.

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sat Jan 14 18:11:23 GMT 2006

Sat Jan 14 19:11:19 GMT 2006 MKIV End Patrol

Sat Jan 14 19:11:25 GMT 2006 MKIV Start Cal

\*\*MLSO PROBLEM\*\* Sat Jan 14 19:07:25 GMT 2006

I enabled the variable gain controls on the spar at startup this morning. After about 30 min at full gain I tried reducing the gain. Most of the instability seemed to be in dec, reducing dec gain to about 30% made a huge improvement. At about 1900UT I removed the temporary filter on the spar guider error telescope and again saw significant instability. Reducing the dec gain to 10% (!!)

compensated for removing the filter. Its a fairly windy morning so it was a good initial test of the spar gain adjustments.

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

Sat Jan 14 19:30:07 GMT 2006 MKIV End Cal

Sat Jan 14 19:30:13 GMT 2006 MKIV Start Patrol

COMMENT: Sat Jan 14 21:37:50 GMT 2006

Oops! Spar hit the ladder I had set up earlier to remove filter. Reprinted spar.

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

NICE CHIP IMAGE: 1906

NICE PICSDISC IMAGE: 1905

NICE PICSLIMB IMAGE: 1909

NICE MK4 IMAGE: 1908

COMMENT: Sun Jan 15 01:39:09 GMT 2006

Dec axis reset, repointed spar\_\_\_\_end\_\_\_\_

Sun Jan 15 02:25:32 GMT 2006 MKIV End Patrol

Sun Jan 15 02:28:34 GMT 2006 CHIP End Patrol

Sun Jan 15 02:28:51 GMT 2006 PICS End Patrol

Sun Jan 15 02:34:07 GMT 2006

MkIV

00_02.rawmk4	01_47.rawmk4	19_02.rawmk4	20_52.rawmk4	22_36.rawmk4
00_05.rawmk4	01_50.rawmk4	19_05.rawmk4	20_55.rawmk4	22_39.rawmk4
00_08.rawmk4	01_53.rawmk4	19_08.rawmk4	20_58.rawmk4	22_42.rawmk4
00_10.rawmk4	01_55.rawmk4	19_10.rawmk4	21_01.rawmk4	22_44.rawmk4
00_13.rawmk4	01_58.rawmk4	19_14.rawmk4	21_04.rawmk4	22_47.rawmk4
00_16.rawmk4	02_01.rawmk4	19_20.rawmk4	21_07.rawmk4	22_50.rawmk4
00_19.rawmk4	02_04.rawmk4	19_26.rawmk4	21_10.rawmk4	22_53.rawmk4
00_22.rawmk4	02_07.rawmk4	19_30.rawmk4	21_13.rawmk4	22_56.rawmk4
00_25.rawmk4	02_10.rawmk4	19_33.rawmk4	21_15.rawmk4	22_59.rawmk4
00_28.rawmk4	02_13.rawmk4	19_36.rawmk4	21_18.rawmk4	23_02.rawmk4
00_31.rawmk4	02_16.rawmk4	19_39.rawmk4	21_21.rawmk4	23_05.rawmk4
00_34.rawmk4	02_19.rawmk4	19_41.rawmk4	21_24.rawmk4	23_08.rawmk4
00_37.rawmk4	02_22.rawmk4	19_44.rawmk4	21_27.rawmk4	23_11.rawmk4
00_40.rawmk4	18_00.rawmk4	19_47.rawmk4	21_30.rawmk4	23_14.rawmk4
00_43.rawmk4	18_03.rawmk4	19_50.rawmk4	21_33.rawmk4	23_17.rawmk4
00_46.rawmk4	18_06.rawmk4	19_53.rawmk4	21_36.rawmk4	23_20.rawmk4
00_52.rawmk4	18_09.rawmk4	19_56.rawmk4	21_39.rawmk4	23_23.rawmk4
00_55.rawmk4	18_12.rawmk4	19_59.rawmk4	21_42.rawmk4	23_26.rawmk4
00_58.rawmk4	18_15.rawmk4	20_02.rawmk4	21_45.rawmk4	23_29.rawmk4
01_01.rawmk4	18_18.rawmk4	20_05.rawmk4	21_48.rawmk4	23_31.rawmk4
01_04.rawmk4	18_21.rawmk4	20_08.rawmk4	21_51.rawmk4	23_34.rawmk4
01_07.rawmk4	18_24.rawmk4	20_11.rawmk4	21_54.rawmk4	23_37.rawmk4
01_10.rawmk4	18_27.rawmk4	20_14.rawmk4	22_00.rawmk4	23_40.rawmk4
01_13.rawmk4	18_29.rawmk4	20_17.rawmk4	22_03.rawmk4	23_43.rawmk4
01_17.rawmk4	18_32.rawmk4	20_20.rawmk4	22_06.rawmk4	23_46.rawmk4
01_20.rawmk4	18_35.rawmk4	20_23.rawmk4	22_09.rawmk4	23_49.rawmk4
01_23.rawmk4	18_38.rawmk4	20_26.rawmk4	22_12.rawmk4	23_52.rawmk4
01_26.rawmk4	18_41.rawmk4	20_28.rawmk4	22_15.rawmk4	23_58.rawmk4
01_29.rawmk4	18_44.rawmk4	20_31.rawmk4	22_18.rawmk4	c19_11.rawmk4
01_32.rawmk4	18_47.rawmk4	20_34.rawmk4	22_21.rawmk4	c19_17.rawmk4
01_35.rawmk4	18_50.rawmk4	20_37.rawmk4	22_24.rawmk4	c19_23.rawmk4
01_38.rawmk4	18_53.rawmk4	20_40.rawmk4	22_27.rawmk4	
01_41.rawmk4	18_56.rawmk4	20_43.rawmk4	22_30.rawmk4	
01_44.rawmk4	18_59.rawmk4	20_46.rawmk4	22_33.rawmk4	