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Mauna Loa Solar Observatory Observer's Log  
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Tue Jul 25 16:44:26 GMT 2006

Year: 06 Doy: 206

Observer: koon

WEATHER COMMENT: Tue Jul 25 16:44:17 GMT 2006

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

Tue Jul 25 16:51:00 GMT 2006 MKIV Start Patrol

Tue Jul 25 16:50:56 GMT 2006 CHIP Start Patrol

Tue Jul 25 16:51:10 GMT 2006 PICS Start Patrol

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Jul 25 17:02:45 GMT 2006

SBM COMMENT: Tue Jul 25 17:16:39 GMT 2006

Obs.

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

PSPT COMMENT: Tue Jul 25 17:16:44 GMT 2006

Obs.

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

Tue Jul 25 17:18:35 GMT 2006 MKIV Start Patrol

\*\*MKIV PROBLEM\*\*: Tue Jul 25 17:19:23 GMT 2006

Instrument still not starting up properly like it did in the past until recently, despite using exactly the same routine to start it, something has changed for sure. Still trying to characterize the problem by describing what actions are necessary to get it going, these actions are not always the same. I tried cycling the KCC power, resetting the KCC, moving the barrel off of the CW limit and cycling the KCC power. When I try going all the way to the CCW limit it turns around eventually and comes back to the CW limit.

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

Tue Jul 25 17:37:57 GMT 2006 MKIV Start Patrol

\*\*MKIV PROBLEM\*\*: Tue Jul 25 17:31:26 GMT 2006

I drove the barrel CCW from the GUI, it reached the CCW limit and immediately turned around and started going CW, I then stopped the barrel and did a reset of Akamai. After the startup script finished the barrel started going CW, it eventually started going CCW at a slow rate of 30 instead of the normal 240. Eventually the barrel stopped at 176 degrees like usual. Then I did a Begin Day and Patrol, barrel moved at 240 like normal, but then it reached the CCW limit soon, at around 270?, the n started going CW. So only a small sector was plotted in the CCW direction first. Now the plots look good and Patrol seems to be working like normal.

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

Tue Jul 25 18:00:52 GMT 2006 CHIP LSD

Tue Jul 25 18:01:20 GMT 2006 PICS Flat

Tue Jul 25 18:02:38 GMT 2006 CHIP End LSD

Tue Jul 25 18:02:46 GMT 2006 CHIP BiasLSD

Tue Jul 25 18:03:28 GMT 2006 CHIP End BiasLSD

Tue Jul 25 18:03:41 GMT 2006 CHIP Bias

Tue Jul 25 18:03:42 GMT 2006 PICS End Flat

Tue Jul 25 18:03:57 GMT 2006 PICS ReStart Patrol

Tue Jul 25 18:04:31 GMT 2006 CHIP End Bias  
Tue Jul 25 18:04:39 GMT 2006 CHIP ReStart Patrol  
Tue Jul 25 18:12:17 GMT 2006 MKIV End Patrol  
Tue Jul 25 18:12:23 GMT 2006 MKIV Start Cal  
Tue Jul 25 18:31:09 GMT 2006 MKIV End Cal  
Tue Jul 25 18:31:15 GMT 2006 MKIV Start Patrol  
Tue Jul 25 19:53:03 GMT 2006 CHIP End Patrol  
Tue Jul 25 19:53:12 GMT 2006 PICS End Patrol

NICE MK4 IMAGE: 1821

NICE CHIP IMAGE: 1855

NICE PICSDISC IMAGE: 1807

NICE PICSLIMB IMAGE: 1748

COMMENT: Tue Jul 25 19:57:05 GMT 2006

I need to leave early to buy some things for the GSA truck and to take it in for regular maintenance.

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

Tue Jul 25 20:06:02 GMT 2006

MkIV

17_37.rawmk4	18_06.rawmk4	18_47.rawmk4	19_15.rawmk4	19_44.rawmk4
17_39.rawmk4	18_09.rawmk4	18_48.rawmk4	19_18.rawmk4	19_47.rawmk4
17_42.rawmk4	18_15.rawmk4	18_51.rawmk4	19_21.rawmk4	19_50.rawmk4
17_45.rawmk4	18_21.rawmk4	18_54.rawmk4	19_24.rawmk4	19_53.rawmk4
17_48.rawmk4	18_27.rawmk4	18_57.rawmk4	19_27.rawmk4	c18_12.rawmk4
17_51.rawmk4	18_34.rawmk4	19_00.rawmk4	19_30.rawmk4	c18_18.rawmk4
17_54.rawmk4	18_38.rawmk4	19_03.rawmk4	19_32.rawmk4	c18_24.rawmk4
17_57.rawmk4	18_40.rawmk4	19_06.rawmk4	19_35.rawmk4	
18_00.rawmk4	18_43.rawmk4	19_09.rawmk4	19_38.rawmk4	
18_03.rawmk4	18_46.rawmk4	19_12.rawmk4	19_41.rawmk4	