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Mauna Loa Solar Observatory Observer's Log  
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Tue May 25 16:56:50 GMT 2010

Year: 10 Doy: 145

Observer: koon

WEATHER COMMENT: Tue May 25 16:56:51 GMT 2010

Clear sky, wind=20mph from the SE, temp=48F.

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

Tue May 25 17:00:46 GMT 2010 MKIV Start Patrol

Tue May 25 17:01:15 GMT 2010 CHIP Start Patrol

PSPT COMMENT BY DARRYL: Tue May 25 17:48:24 GMT 2010

Observing

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

Tue May 25 18:01:43 GMT 2010 CHIP LSD

Tue May 25 18:03:20 GMT 2010 CHIP End LSD

Tue May 25 18:03:29 GMT 2010 CHIP BiasLSD

Tue May 25 18:04:06 GMT 2010 CHIP End BiasLSD

Tue May 25 18:04:15 GMT 2010 CHIP Bias

Tue May 25 18:05:01 GMT 2010 CHIP End Bias

Tue May 25 18:05:08 GMT 2010 CHIP ReStart Patrol

Tue May 25 18:18:40 GMT 2010 MKIV Start Patrol

\*\*MKIV PROBLEM COMMENT BY DARRYL\*\*: Tue May 25 18:17:15 GMT 2010

Did a scannormally then apparently drove too far CCW past 180 all the way to 274 degrees barrel angle and stayed there stalled. Couldn't find anything wrong so I cycled main KCC power and the barrel unwound CW and stopped properly at normal startup position. Started Patrol and the barrel rotated around to 274 and CCW limit again and stalled. No analog signal visible either.

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

Tue May 25 19:25:06 GMT 2010 CHIP End Patrol

\*\*MKIV PROBLEM COMMENT BY DARRYL\*\*: Tue May 25 19:25:26 GMT 2010

No 15v output from power supply at back of spar. Spar is unbalanced so I stopped instruments while I check out power supply which I removed from spar.

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

\*\*PSPT PROBLEM COMMENT BY DARRYL\*\*: Tue May 25 19:36:04 GMT 2010

Crashed, restarted.

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

Tue May 25 21:25:35 GMT 2010 CHIP Start Patrol

\*\*MKIV PROBLEM COMMENT BY DARRYL\*\*: Tue May 25 21:25:41 GMT 2010

Confirmed that +/-15vdc power supply for camera is dead, reinstalled it in spar to rebalance the spar, then restarted other instruments. I'm having trouble finding new power supplies but I have a good lead to a new surplus power supply that I'll call early tomorrow. This is old and obsolete and hard to find, such are many things for mk4.

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

Tue May 25 21:30:20 GMT 2010 MKIV End Patrol

\*\*MKIV PROBLEM COMMENT BY DARRYL\*\*: Tue May 25 21:32:01 GMT 2010

Mk4 is down until we replace the +/-15vdc camera power supply.

\_\_\_\_end\_\_\_\_  
Tue May 25 23:01:41 GMT 2010 CHIP LSD  
Tue May 25 23:03:10 GMT 2010 CHIP End LSD  
Tue May 25 23:03:19 GMT 2010 CHIP BiasLSD  
Tue May 25 23:03:55 GMT 2010 CHIP End BiasLSD  
Tue May 25 23:04:03 GMT 2010 CHIP Bias  
Tue May 25 23:04:36 GMT 2010 CHIP End Bias  
Tue May 25 23:04:44 GMT 2010 CHIP ReStart Patrol  
Tue May 25 23:35:22 GMT 2010 CHIP End Patrol  
Tue May 25 23:46:11 GMT 2010

MkIV

17\_00.rawmk4 17\_03.rawmk4