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--------------------------------------------------------------------------------
                Mauna Loa Solar Observatory Observer's Log
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            Tue Jun  3 16:41:21 GMT 2008
Year: 08  Doy: 155
Observer: koon
WEATHER COMMENT: Tue Jun  3 16:41:24 GMT 2008
Clear sky, wind=5 mph from the SE, temp=45F.
___end___
Tue Jun  3 16:48:06 GMT 2008    MKIV    Start Patrol
Tue Jun  3 16:48:21 GMT 2008    CHIP    Start Patrol
Tue Jun  3 16:48:41 GMT 2008    PICS    Start Patrol
Tue Jun  3 16:50:09 GMT 2008    PICS    End Patrol
**PICS PROBLEM**: Tue Jun  3 16:57:30 GMT 2008
Disk images went bad sometime before 1:22 UT yesterday afternoon, problem
not fixed, I'll look at it today, until then no PICS images.
___end___
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Tue Jun  3 17:08:45 GMT 2008
PSPT COMMENT: Tue Jun  3 17:16:19 GMT 2008
Obs.
___end___
NICE MK4      IMAGE: 1708
NICE CHIP     IMAGE: 1657
Tue Jun  3 17:29:34 GMT 2008    MKIV    End Patrol
Tue Jun  3 17:31:52 GMT 2008    CHIP    End Patrol
**PICS PROBLEM**: Tue Jun  3 17:32:01 GMT 2008
Pausing instruments to move spar, access PICS better, and fix problem noted
earlier.
___end___
Tue Jun  3 18:50:59 GMT 2008    MKIV    Start Patrol
Tue Jun  3 18:51:17 GMT 2008    CHIP    Start Patrol
Tue Jun  3 18:51:30 GMT 2008    PICS    Start Patrol
**PSPT PROBLEM**: Tue Jun  3 19:02:00 GMT 2008
Crashed, restarted.
___end___
Tue Jun  3 19:02:21 GMT 2008    MKIV    Start Cal
**PICS PROBLEM**: Tue Jun  3 19:03:22 GMT 2008
I fixed the problems.  The Halle filter wasn't being moved due to a damaged
cable-chain that jumped a sprocket, I replaced the cable-chain.  I also fixed
the root of the problem, the sprockets for the Halle filter drive were
misaligned, probably due to a damaged setscrew that was difficult to access
and remove, I removed it and replaced it with one of my custom made tough
setscrews loctited into place, then aligned the sprockets and reassembled
all.  This cable-chain should last a lot longer than the last one.  I was
pleased to see that my previous modifications designed to relieve stress
on the Halle stage leadscrew end bearings works very well, no longer does
tilting the spar pop out the end bearings - which used to cause cable-chains
to jump sprockets with similar symptoms as this problem had.  -Darryl
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___end___
NICE PICSLIMB IMAGE: 1854
NICE PICSDISC IMAGE: 1909
Tue Jun  3 19:21:01 GMT 2008    MKIV    End Cal
Tue Jun  3 19:21:07 GMT 2008    MKIV    Start Patrol
Tue Jun  3 19:27:20 GMT 2008    MKIV    End Patrol
MKIV COMMENT: Tue Jun  3 19:28:08 GMT 2008
David is testing a new way to do flat fields that requires me to reboot KCC
to load new corrector tables.  After that I'll do 2 normal scans and then
a cal and then back to Patrol.
___end___
Tue Jun  3 19:31:37 GMT 2008    MKIV    Start Patrol
MKIV COMMENT: Tue Jun  3 19:31:42 GMT 2008
Rebooted KCC, now doing 2 normal Patrol scans before I do a cal.
___end___
Tue Jun  3 19:37:54 GMT 2008    MKIV    End Patrol
Tue Jun  3 19:38:00 GMT 2008    MKIV    Start Cal
MKIV COMMENT: Tue Jun  3 19:38:50 GMT 2008
The corona looks very faint in the 2 test scans, cal is in progress now.
___end___
Tue Jun  3 19:56:40 GMT 2008    MKIV    End Cal
Tue Jun  3 19:56:46 GMT 2008    MKIV    Start Patrol
Tue Jun  3 20:08:47 GMT 2008    MKIV    End Patrol
MKIV COMMENT: Tue Jun  3 20:10:03 GMT 2008
Doind another iteration of: reset KCC, 2 scans, cal.
___end___
Tue Jun  3 20:13:12 GMT 2008    MKIV    Start Patrol
Tue Jun  3 20:19:32 GMT 2008    MKIV    End Patrol
Tue Jun  3 20:19:38 GMT 2008    MKIV    Start Cal
Tue Jun  3 20:38:18 GMT 2008    MKIV    End Cal
Tue Jun  3 20:38:25 GMT 2008    MKIV    Start Patrol
MKIV COMMENT: Tue Jun  3 20:59:53 GMT 2008
Going to end Patrol and reboot KCC, then back to Patrol w/o cal.
___end___
Tue Jun  3 21:02:11 GMT 2008    MKIV    End Patrol
Tue Jun  3 21:05:51 GMT 2008    MKIV    Start Patrol
MKIV COMMENT: Tue Jun  3 21:19:13 GMT 2008
Scans look normal.
___end___
Wed Jun  4 02:01:58 GMT 2008    PICS    End Patrol
Wed Jun  4 02:02:05 GMT 2008    CHIP    End Patrol
Wed Jun  4 02:21:33 GMT 2008
        MkIV


00_00.rawmk4    01_35.rawmk4    19_24.rawmk4    21_29.rawmk4    23_03.rawmk4
00_03.rawmk4    01_37.rawmk4    19_31.rawmk4    21_32.rawmk4    23_07.rawmk4
00_08.rawmk4    01_40.rawmk4    19_34.rawmk4    21_35.rawmk4    23_10.rawmk4
00_12.rawmk4    01_43.rawmk4    19_41.rawmk4    21_38.rawmk4    23_13.rawmk4
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00_15.rawmk4    01_46.rawmk4    19_47.rawmk4    21_41.rawmk4    23_16.rawmk4
00_18.rawmk4    01_49.rawmk4    19_53.rawmk4    21_44.rawmk4    23_19.rawmk4
00_21.rawmk4    01_52.rawmk4    19_56.rawmk4    21_47.rawmk4    23_21.rawmk4
00_24.rawmk4    01_55.rawmk4    19_59.rawmk4    21_50.rawmk4    23_24.rawmk4
00_27.rawmk4    01_58.rawmk4    20_02.rawmk4    21_52.rawmk4    23_27.rawmk4
00_30.rawmk4    02_01.rawmk4    20_05.rawmk4    21_55.rawmk4    23_30.rawmk4
00_33.rawmk4    02_04.rawmk4    20_13.rawmk4    21_58.rawmk4    23_33.rawmk4
00_36.rawmk4    16_48.rawmk4    20_16.rawmk4    22_01.rawmk4    23_36.rawmk4
00_39.rawmk4    16_51.rawmk4    20_22.rawmk4    22_04.rawmk4    23_39.rawmk4
00_42.rawmk4    16_54.rawmk4    20_28.rawmk4    22_07.rawmk4    23_42.rawmk4
00_45.rawmk4    16_57.rawmk4    20_34.rawmk4    22_10.rawmk4    23_45.rawmk4
00_48.rawmk4    16_59.rawmk4    20_38.rawmk4    22_13.rawmk4    23_48.rawmk4
00_51.rawmk4    17_02.rawmk4    20_41.rawmk4    22_16.rawmk4    23_51.rawmk4
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00_59.rawmk4    17_11.rawmk4    20_50.rawmk4    22_25.rawmk4    c19_02.rawmk4
01_02.rawmk4    17_14.rawmk4    20_53.rawmk4    22_28.rawmk4    c19_08.rawmk4
01_05.rawmk4    17_17.rawmk4    20_56.rawmk4    22_31.rawmk4    c19_14.rawmk4
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01_32.rawmk4    19_21.rawmk4    21_26.rawmk4    22_57.rawmk4
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