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-------------------------------------------------------------------------------
                  Mauna Loa Solar Observatory Observer's Log
-------------------------------------------------------------------------------
          Mon Mar 13 16:49:36 GMT 2000
Year: 00  Doy: 073
Observer: yasukawa
Mon Mar 13 16:50:17 GMT 2000    CHIP     Startup--Initializing new tape
WEATHER COMMENT: Mon Mar 13 16:50:23 GMT 2000
Cool, clear, brisk southeast wind.
Mon Mar 13 16:59:14 GMT 2000    PICS     Start Patrol
Mon Mar 13 16:59:20 GMT 2000    CHIP     CHIP Start 7 Passband Patrol
Mon Mar 13 17:04:54 GMT 2000    MKIV     Start Patrol
**PICS PROBLEM**: Mon Mar 13 17:43:00 GMT 2000
Seeing split images on PICS Display.
Mon Mar 13 18:00:33 GMT 2000    PICS     Flat
Mon Mar 13 18:03:14 GMT 2000    PICS     End Flat
**MKIV PROBLEM**: Mon Mar 13 18:36:21 GMT 2000
18:28 xanim .gif image looks hosed. Raw images look OK.
GONG COMMENT: Mon Mar 13 19:04:44 GMT 2000
Going down to GONG to do weekly PM.
GONG COMMENT: Mon Mar 13 19:31:54 GMT 2000
Back from GONG.
COMMENT: Mon Mar 13 19:32:03 GMT 2000
Guider declination reset itself while I was at GONG shelter  =(
Used opportunity to reconfigure dome shutter after I returned and
discovered the guiding reset.  Repointed spar and reset declination.
Mon Mar 13 20:03:57 GMT 2000    CHIP     Gain7
Mon Mar 13 20:12:21 GMT 2000    CHIP     End Gain
Mon Mar 13 20:12:37 GMT 2000    CHIP     Bias
Mon Mar 13 20:13:46 GMT 2000    CHIP     End Bias
**PSPT PROBLEM**: Mon Mar 13 21:39:23 GMT 2000
I saw the focus stick near the negative limit at 52 again during
the 2100 UT series.  I did not notice when it began doing this or
if it just went there and got stuck--I was on the phone with Liz
setting up Agents in the new time card web page.  PSPT was finished
with the series and last image was fuzzy and fcs position was 52,
request was 2000.  I tried checking status, home=0, pos limit=1,
neg limit=0, and axis 6 status indicated STOP_EVENT...HOME SWITCH ON.
I ran thru the other exercises and the fcs did move off the 52 position
and I reset it at 500 after clearing the status with "axis 6 limit off"
command.  This exercise showed that the focus mechanism was not stuck,
it could be moved once the limit status were cleared.
**PSPT PROBLEM**: Mon Mar 13 22:09:03 GMT 2000
At 2200, PSPT started up. At the fcs goto blue request, position started
running into negative territory.  I did not hear any motors trying to move.
position value kept incrementing in the negative direction until I
stopped it with a <ctrl>C.  Checked states and status.  Home=1,
Pos limit=1, Neg limit=1.  Status=STOP_EVENT...SOFTWARE NEGATIVE LIMIT REACHED.
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I cleared the event and tried reset axis 6, but the position number
ran away, continuing in the negative direction. Stopped again with <ctrl>C.
Unsure how to proceed from here so stopped with Obs/exit. I will
think about this a bit.
CHIP PROBLEM: Mon Mar 13 22:17:01 GMT 2000
Missed the OK button on the Waiting window and hit Spectrum. Trying to abort
this.
Mon Mar 13 22:19:49 GMT 2000   CHIP   ending tape
COMMENT: Mon Mar 13 22:20:46 GMT 2000
Tapes:
MKIV: 00-073
PICS: P01691
CHIP: C01072
LOWL: L00676 in drive #1
PSPT PROBLEM: Mon Mar 13 22:33:37 GMT 2000

Checked status after shutdown. Message was "RUNNING...OK".
In checking different axis 6 parameters, I noticed that the position
values were increasing toward zero each time I looked. fcs is
running up toward zero, but the motor is NOT running. This is happening
in sortware, I suppose.
Mon Mar 13 22:37:25 GMT 2000
        MkIV

17_04.rawmk4   18_19.rawmk4   19_25.rawmk4   20_30.rawmk4   21_35.rawmk4
17_07.rawmk4   18_22.rawmk4   19_28.rawmk4   20_33.rawmk4   21_38.rawmk4
17_10.rawmk4   18_25.rawmk4   19_30.rawmk4   20_36.rawmk4   21_41.rawmk4
17_13.rawmk4   18_28.rawmk4   19_33.rawmk4   20_39.rawmk4   21_44.rawmk4
17_16.rawmk4   18_31.rawmk4   19_36.rawmk4   20_42.rawmk4   21_47.rawmk4
17_19.rawmk4   18_34.rawmk4   19_39.rawmk4   20_45.rawmk4   21_50.rawmk4
17_22.rawmk4   18_37.rawmk4   19_42.rawmk4   20_48.rawmk4   21_53.rawmk4
17_25.rawmk4   18_40.rawmk4   19_45.rawmk4   20_50.rawmk4   21_56.rawmk4
17_28.rawmk4   18_43.rawmk4   19_48.rawmk4   20_53.rawmk4   21_59.rawmk4
17_31.rawmk4   18_46.rawmk4   19_51.rawmk4   20_56.rawmk4   22_02.rawmk4
17_34.rawmk4   18_49.rawmk4   19_54.rawmk4   20_59.rawmk4   22_05.rawmk4
17_37.rawmk4   18_52.rawmk4   19_57.rawmk4   21_02.rawmk4   22_08.rawmk4
17_40.rawmk4   18_55.rawmk4   20_00.rawmk4   21_05.rawmk4   22_11.rawmk4
17_43.rawmk4   18_58.rawmk4   20_03.rawmk4   21_08.rawmk4   22_13.rawmk4
17_46.rawmk4   19_01.rawmk4   20_06.rawmk4   21_11.rawmk4   22_16.rawmk4
17_49.rawmk4   19_04.rawmk4   20_09.rawmk4   21_14.rawmk4   22_19.rawmk4
17_52.rawmk4   19_07.rawmk4   20_12.rawmk4   21_17.rawmk4   22_22.rawmk4
17_55.rawmk4   19_10.rawmk4   20_15.rawmk4   21_20.rawmk4   c18_04.rawmk4
17_58.rawmk4   19_13.rawmk4   20_18.rawmk4   21_23.rawmk4   c18_10.rawmk4
18_01.rawmk4   19_16.rawmk4   20_21.rawmk4   21_26.rawmk4   c18_16.rawmk4
18_07.rawmk4   19_19.rawmk4   20_24.rawmk4   21_29.rawmk4
18_13.rawmk4   19_22.rawmk4   20_27.rawmk4   21_32.rawmk4