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--------------------------------------------------------------------------------
                  Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
          Wed Apr  7 16:34:48 GMT 2004
Year: 04  Doy: 098
Observer: stueben
WEATHER COMMENT: Wed Apr  7 16:35:34 GMT 2004
Clear, wind south 10mph, temp 37F.
Wed Apr  7 16:45:48 GMT 2004    PICS      Start Patrol
ECHO COMMENT: Wed Apr  7 16:57:41 GMT 2004
Time OK.
Wed Apr  7 17:04:30 GMT 2004    MKIV     Start Patrol
MKIV COMMENT: Wed Apr  7 17:07:44 GMT 2004
Centered 01 guider.
PSPT COMMENT: Wed Apr  7 17:19:31 GMT 2004
Observing.
**PICS PROBLEM**: Wed Apr  7 17:19:47 GMT 2004
Have been unable to get PICS to run. Investigating problem.
Wed Apr  7 18:03:31 GMT 2004    PICS      Flat
Wed Apr  7 18:06:03 GMT 2004    PICS      End Flat
MKIV COMMENT: Wed Apr  7 18:06:15 GMT 2004
Centered 01 guider.
Wed Apr  7 18:14:43 GMT 2004    PICS      End Patrol
**PICS PROBLEM**: Wed Apr  7 18:29:02 GMT 2004
Still unable to get PICS to run. After entering run in the cmdtool window the
usual stream of startup messages begin, but there are two error messages -

[5] Bus Error    Command -geometry +0+300 /dev/nul

[4] Bus Error     Status -geometry -0-0 /dev/null

The Focus, Histogram, Camera, and Display windows appear on the screen but the
Command window which has selections to start PICS operation does not appear.
Exiting the program and restarting and exiting and powering MCC down and then
stating over do not solve the problem. Continuing to investigate.
Wed Apr  7 18:45:26 GMT 2004    PICS      Start Patrol
MKIV COMMENT: Wed Apr  7 18:56:58 GMT 2004
Centered 01 guider.
Wed Apr  7 20:26:02 GMT 2004    PICS      End Patrol
Wed Apr  7 20:31:29 GMT 2004    MKIV     End Patrol
COMMENT: Wed Apr  7 20:37:18 GMT 2004
Reconfigured dome shutter.
Wed Apr  7 20:37:44 GMT 2004    MKIV     Start Patrol
Wed Apr  7 20:38:15 GMT 2004    PICS      Start Patrol
**CHIP PROBLEM**: Wed Apr  7 21:00:46 GMT 2004
OOPS! I've been using PICS when I meant CHIP. Its really CHIP that won't start
and is giving the Bus Error messages.
MKIV COMMENT: Wed Apr  7 22:00:07 GMT 2004
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Centered 01 guider.
WEATHER COMMENT: Wed Apr 7 22:41:39 GMT 2004
Orographic clouds beginning to degrade images.
Wed Apr 7 22:55:48 GMT 2004   PICS   End Patrol
Wed Apr 7 23:10:50 GMT 2004   CHIP   Start Patrol
Wed Apr 7 23:11:11 GMT 2004   PICS   Start Patrol
Wed Apr 7 23:16:49 GMT 2004   MKIV   End Patrol
CHIP PROBLEM: Wed Apr 7 23:17:44 GMT 2004
Since I couldn't find any problems with CHIP and there were no references in
past logs to this problem I decided to try rebooting Kii. This seems to have
worked as the error messages did not reappear and CHIP will now run.
Wed Apr 7 23:22:53 GMT 2004   CHIP   End Patrol
WEATHER COMMENT: Wed Apr 7 23:21:49 GMT 2004
Orographic clouds have become very thick. Instruments idled.
Wed Apr 7 23:24:53 GMT 2004   PICS   End Patrol
WEATHER COMMENT: Wed Apr 7 23:53:28 GMT 2004
Clouds have cleared for awhile, restarting instruments.
Wed Apr 7 23:54:05 GMT 2004   MKIV   Start Patrol
Wed Apr 7 23:54:26 GMT 2004   CHIP   Start Patrol
Wed Apr 7 23:55:00 GMT 2004   PICS   Start Patrol
Thu Apr 8 00:00:21 GMT 2004   PICS   End Patrol
Thu Apr 8 00:00:44 GMT 2004   MKIV   End Patrol
WEATHER COMMENT: Thu Apr 8 00:07:46 GMT 2004
Dense clouds and blowing fog. Idled instruments and closed domes.
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Apr 8 00:55:10 GMT 2004
Thu Apr 8 01:05:05 GMT 2004
        MkIV

17_04.rawmk4 18_18.rawmk4 19_31.rawmk4 20_55.rawmk4 22_08.rawmk4
17_07.rawmk4 18_20.rawmk4 19_34.rawmk4 20_58.rawmk4 22_11.rawmk4
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18_00.rawmk4 19_13.rawmk4 20_37.rawmk4 21_51.rawmk4 23_04.rawmk4

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18_03.rawmk4   19_16.rawmk4   20_40.rawmk4   21_54.rawmk4   23_07.rawmk4
18_06.rawmk4   19_19.rawmk4   20_43.rawmk4   21_57.rawmk4   23_10.rawmk4
18_09.rawmk4   19_22.rawmk4   20_46.rawmk4   22_00.rawmk4   23_13.rawmk4
18_12.rawmk4   19_25.rawmk4   20_49.rawmk4   22_02.rawmk4   23_54.rawmk4
18_15.rawmk4   19_28.rawmk4   20_52.rawmk4   22_05.rawmk4   23_57.rawmk4
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