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                    Mauna Loa Solar Observatory Observer's Log
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          Fri Jan  7 17:29:23 GMT 2000
Year: 00  Doy: 007
Observer: yasukawa
WEATHER COMMENT: Fri Jan  7 17:30:13 GMT 2000
Cold, clear, brisk southeast wind.
**MKIV PROBLEM**: Fri Jan  7 17:33:18 GMT 2000
akamai window did not come up again this morning, has there been some change in the program?
Fri Jan  7 17:34:06 GMT 2000    CHIP     Startup--Initializing new tape
Fri Jan  7 17:40:13 GMT 2000    CHIP     CHIP Start Patrol
Fri Jan  7 17:40:27 GMT 2000    PICS     Start Patrol
Fri Jan  7 17:41:07 GMT 2000    MKIV     Start Patrol
PICS  COMMENT: Fri Jan  7 17:43:46 GMT 2000
So far, occulting wheel is functioning normally.
**MKIV PROBLEM**: Fri Jan  7 17:59:22 GMT 2000
Seeing phasing errors on akamai display, possibly due to the cold
temperature in the dome.
Fri Jan  7 18:02:06 GMT 2000    CHIP     Bias
Fri Jan  7 18:03:07 GMT 2000    CHIP     End Bias
Fri Jan  7 18:03:25 GMT 2000    CHIP     Water
Fri Jan  7 18:03:39 GMT 2000    PICS     Flat
Fri Jan  7 18:04:17 GMT 2000    CHIP     End Water
Fri Jan  7 18:06:16 GMT 2000    PICS     End Flat
**PICS PROBLEM**: Fri Jan  7 18:46:06 GMT 2000
Timeout occurred.
**PICS PROBLEM**: Fri Jan  7 18:52:14 GMT 2000
I am seeing intermittent occurrences of Optics timeouts when halphadisc
requests are trying to execute.
Fri Jan  7 19:02:19 GMT 2000    CHIP     Bias
Fri Jan  7 19:03:28 GMT 2000    CHIP     End Bias
Fri Jan  7 19:03:40 GMT 2000    CHIP     Water
Fri Jan  7 19:04:33 GMT 2000    CHIP     End Water
GONG COMMENT: Fri Jan  7 19:35:01 GMT 2000
PICS stable again, going down to GONG to do belated weekly and monthly
preventive maintenance.
Fri Jan  7 20:02:11 GMT 2000    CHIP     Gain
GONG COMMENT: Fri Jan  7 20:06:49 GMT 2000
Back from GONG.
Fri Jan  7 20:08:00 GMT 2000    CHIP     End Gain
Fri Jan  7 20:08:18 GMT 2000    CHIP     Bias
Fri Jan  7 20:09:21 GMT 2000    CHIP     End Bias
Fri Jan  7 20:09:38 GMT 2000    CHIP     Water
Fri Jan  7 20:10:20 GMT 2000    CHIP     End Water
Fri Jan  7 21:02:16 GMT 2000    CHIP     Bias
Fri Jan  7 21:03:29 GMT 2000    CHIP     End Bias
Fri Jan  7 21:03:40 GMT 2000    CHIP     Water
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Fri Jan  7 21:04:26 GMT 2000     CHIP      End Water
**PICS PROBLEM**: Fri Jan  7 21:05:15 GMT 2000
Timeout occurrence.
**PICS PROBLEM**: Fri Jan  7 21:06:09 GMT 2000
home LED not lit on status display.
**PICS PROBLEM**: Fri Jan  7 21:11:08 GMT 2000
Cannot tell for sure whether encoder is stopping where holes are
aligned with HEI, looks close, though.  Motor is not stopping the
wheel at the Home bump.  It stops either before or after the bump.
Fri Jan  7 21:34:40 GMT 2000     PICS      End Patrol
Fri Jan  7 22:02:42 GMT 2000     CHIP      Bias
Fri Jan  7 22:03:42 GMT 2000     CHIP      End Bias
Fri Jan  7 22:03:57 GMT 2000     CHIP      Water
Fri Jan  7 22:04:51 GMT 2000     CHIP      End Water
COMMENT: Fri Jan  7 22:34:44 GMT 2000
Bumped spar while working on HEI replacement, guiding poor.
**PSPT PROBLEM**: Fri Jan  7 22:35:23 GMT 2000
PSPT did not acquire sun during 2200 loop.  aborting obs.
**PSPT PROBLEM**: Fri Jan  7 22:38:53 GMT 2000
Replaced inner encoding wheel HEI.  Initial test indicates mount needs
alignment.
Fri Jan  7 23:03:12 GMT 2000     CHIP      Bias
Fri Jan  7 23:04:19 GMT 2000     CHIP      End Bias
Fri Jan  7 23:04:32 GMT 2000     CHIP      Water
Fri Jan  7 23:05:20 GMT 2000     CHIP      End Water
Fri Jan  7 23:12:25 GMT 2000     PICS      Start Patrol
COMMENT: Fri Jan  7 23:15:36 GMT 2000
Guiding was off, repointed and reset guider.
**PICS PROBLEM**: Fri Jan  7 23:16:00 GMT 2000
Used hand-held terminal to watch status as I aligned HEI mount.  Works
pretty good.  Once I got the holes aligned, I tested wheel using
hand term.  Noticed that home was stopping in the wrong place, usually
an overshoot.  After playing around with alignment, I realized that if
the microswitch were snugged up a little closer to the cam, the HOME
led would stay lit when the wheel is stopped.  Made that adjustment and
tested wheel again.  All looks well.  Cam is not aligned with latest
or earlier fiducial marks.  If this alignment works, we can either
re-mark or test cam at the old mark nearby.  I'll let things run
for a few days.
**MKIV PROBLEM**: Fri Jan  7 23:23:23 GMT 2000
David thinks that rebooting nahenahe will bring back the akamai window
which has been absent all day.  I will do a warm reboot after shut-down.
Fri Jan  7 23:24:40 GMT 2000     CHIP      ending tape
Fri Jan  7 23:24:57 GMT 2000     CHIP      ending tape
Fri Jan  7 23:25:20 GMT 2000     PICS      End Patrol
COMMENT: Fri Jan  7 23:28:49 GMT 2000
TAPES:
MKIV:  00-007
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PICS:   P01630
CHIP:   C01006
LOWL:   L00658 in drive #0
Fri Jan  7 23:30:39 GMT 2000
        MkIV


17_41.rawmk4    18_55.rawmk4    20_13.rawmk4    21_24.rawmk4    22_36.rawmk4
17_44.rawmk4    19_01.rawmk4    20_16.rawmk4    21_27.rawmk4    22_39.rawmk4
17_47.rawmk4    19_08.rawmk4    20_19.rawmk4    21_30.rawmk4    22_41.rawmk4
17_50.rawmk4    19_11.rawmk4    20_22.rawmk4    21_33.rawmk4    22_44.rawmk4
17_53.rawmk4    19_14.rawmk4    20_25.rawmk4    21_36.rawmk4    22_47.rawmk4
17_56.rawmk4    19_17.rawmk4    20_28.rawmk4    21_39.rawmk4    22_50.rawmk4
17_59.rawmk4    19_20.rawmk4    20_31.rawmk4    21_42.rawmk4    22_53.rawmk4
18_01.rawmk4    19_23.rawmk4    20_34.rawmk4    21_45.rawmk4    22_56.rawmk4
18_04.rawmk4    19_26.rawmk4    20_37.rawmk4    21_48.rawmk4    22_59.rawmk4
18_07.rawmk4    19_29.rawmk4    20_40.rawmk4    21_51.rawmk4    23_02.rawmk4
18_10.rawmk4    19_32.rawmk4    20_43.rawmk4    21_54.rawmk4    23_05.rawmk4
18_13.rawmk4    19_35.rawmk4    20_46.rawmk4    21_57.rawmk4    23_08.rawmk4
18_16.rawmk4    19_38.rawmk4    20_49.rawmk4    22_00.rawmk4    23_11.rawmk4
18_19.rawmk4    19_40.rawmk4    20_52.rawmk4    22_03.rawmk4    23_14.rawmk4
18_22.rawmk4    19_43.rawmk4    20_55.rawmk4    22_06.rawmk4    23_17.rawmk4
18_25.rawmk4    19_46.rawmk4    20_58.rawmk4    22_09.rawmk4    23_20.rawmk4
18_28.rawmk4    19_49.rawmk4    21_01.rawmk4    22_12.rawmk4    23_23.rawmk4
18_31.rawmk4    19_52.rawmk4    21_04.rawmk4    22_15.rawmk4    c18_52.rawmk4
18_34.rawmk4    19_55.rawmk4    21_07.rawmk4    22_18.rawmk4    c18_58.rawmk4
18_37.rawmk4    19_58.rawmk4    21_10.rawmk4    22_21.rawmk4    c19_04.rawmk4
18_40.rawmk4    20_01.rawmk4    21_13.rawmk4    22_24.rawmk4
18_43.rawmk4    20_04.rawmk4    21_16.rawmk4    22_27.rawmk4
18_46.rawmk4    20_07.rawmk4    21_18.rawmk4    22_30.rawmk4
18_49.rawmk4    20_10.rawmk4    21_21.rawmk4    22_33.rawmk4
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