
Mauna Loa Solar Observatory Observer's Log

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

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

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	