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--------------------------------------------------------------------------------
                Mauna Loa Solar Observatory Observer's Log
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           Sun Jun 24 16:23:54 GMT 2012
Year: 12  Doy: 176
Observer: berkey
Sun Jun 24 16:28:02 GMT 2012 H-ALPHA Start Patrol
Sun Jun 24 16:29:08 GMT 2012     CHIP     Start Patrol
WEATHER COMMENT: Sun Jun 24 16:41:37 GMT 2012
Clear skies, wind 20mph from se, temp 45f
___end___
Sun Jun 24 16:42:26 GMT 2012     MKIV     Start Patrol
Sun Jun 24 16:44:48 GMT 2012: PSPT Start Patrol
NOTE BY BEN: Sun Jun 24 17:02:59 GMT 2012
Cant align comp occulting disk.  Not enough range in e-w.
___end___
Sun Jun 24 18:02:24 GMT 2012     CHIP     LSD
Sun Jun 24 18:07:22 GMT 2012     CHIP     End LSD
Sun Jun 24 18:07:44 GMT 2012     CHIP     BiasLSD
Sun Jun 24 18:09:37 GMT 2012     CHIP     End BiasLSD
Sun Jun 24 18:09:59 GMT 2012     CHIP     Bias
Sun Jun 24 18:11:38 GMT 2012     CHIP     End Bias
Sun Jun 24 18:11:55 GMT 2012     CHIP     ReStart Patrol
Sun Jun 24 18:37:19 GMT 2012     CHIP     End Patrol
Sun Jun 24 18:41:09 GMT 2012 COMP Start Patrol
**CoMP PROBLEM COMMENT BY BEN**: Sun Jun 24 18:43:23 GMT 2012
Major optical adjustments to CoMP, I think I put everything back in the proper state, but I am not sure.

Problem was E-W micrometer ran out of range becasue something in the alignment has drifted.
Tried adjusting the shim on O1, looked like it might have given some change in the right direction but not nearly enough range.
Tryed adjusting the occulting stage, checking how the disc was steated in the post no change.
Made sure there was no new play in the post, still no apparent change.
After this I just deiced to shim up the post the micrometer pushes agasint to put it back toward the middle of its range.
 Looked like the micrometer wanted to be at about 125000 when I got here this morning it is not aligned at 97000. (Note max range for
the state is 120000).

I think the most likely alignment problem will be the aligment to occulter relative to the FOV.  It appears the realtime images are a little less round then they were in the past.
___end___
Sun Jun 24 18:46:27 GMT 2012     CHIP     Start Patrol
Sun Jun 24 18:53:08 GMT 2012     MKIV     End Patrol
Sun Jun 24 19:12:46 GMT 2012     MKIV     End Cal
Sun Jun 24 19:12:52 GMT 2012     MKIV     Start Patrol
Sun Jun 24 20:14:10 GMT 2012 COMP End Patrol
Sun Jun 24 20:10:52 GMT 2012     CHIP     End Patrol
Sun Jun 24 20:15:49 GMT 2012 H-ALPHA End Patrol
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Sun Jun 24 20:18:47 GMT 2012    MKIV    End Patrol
Sun Jun 24 20:24:51 GMT 2012    MKIV    Start Patrol
Sun Jun 24 20:24:25 GMT 2012 H-ALPHA Start Patrol
Sun Jun 24 20:25:19 GMT 2012 COMP Start Patrol
Sun Jun 24 20:23:02 GMT 2012    CHIP     Start Patrol
Sun Jun 24 20:42:00 GMT 2012 COMP End Patrol
CoMP COMMENT BY BEN: Sun Jun 24 20:52:35 GMT 2012
Per request from Steve we are running fast_doppler for a few hours.
___end___
NOTE BY BEN: Sun Jun 24 22:34:21 GMT 2012
The dome may have occulted a few of the fast_doppler comp frames
___end___
Sun Jun 24 22:42:54 GMT 2012 COMP End Patrol
Sun Jun 24 22:42:56 GMT 2012 COMP Start Patrol
Sun Jun 24 23:02:05 GMT 2012    CHIP     LSD
Sun Jun 24 23:07:02 GMT 2012    CHIP     End LSD
Sun Jun 24 23:07:29 GMT 2012    CHIP     BiasLSD
Sun Jun 24 23:09:23 GMT 2012    CHIP     End BiasLSD
Sun Jun 24 23:09:49 GMT 2012    CHIP     Bias
Sun Jun 24 23:11:31 GMT 2012    CHIP     End Bias
Sun Jun 24 23:11:41 GMT 2012    CHIP     ReStart Patrol
Sun Jun 24 23:20:21 GMT 2012    CHIP     End Patrol
**CHIP PROBLEM COMMENT BY BEN**: Sun Jun 24 23:24:11 GMT 2012
Chip software on kii crashed with IPC status error at the end of the BAIS routine
___end___
**CHIP PROBLEM COMMENT BY BEN**: Sun Jun 24 23:27:41 GMT 2012
We also go a bus error on alakai
___end___
Sun Jun 24 23:28:34 GMT 2012    CHIP     End Patrol
Sun Jun 24 23:47:26 GMT 2012    MKIV    Start Patrol
MKIV COMMENT BY BEN: Sun Jun 24 23:48:41 GMT 2012
akamai rebooted, due to barrel glitches
___end___
Mon Jun 25 00:17:23 GMT 2012: PSPT Abort Patrol
Mon Jun 25 00:23:49 GMT 2012    CHIP     End Patrol
Mon Jun 25 00:27:49 GMT 2012 H-ALPHA End Patrol
Mon Jun 25 00:29:25 GMT 2012 COMP End Patrol
Mon Jun 25 00:29:50 GMT 2012    MKIV    End Patrol
Mon Jun 25 00:35:14 GMT 2012
      MkIV


00_00.rawmk4    17_38.rawmk4    19_18.rawmk4    20_54.rawmk4    22_19.rawmk4
00_03.rawmk4    17_41.rawmk4    19_21.rawmk4    20_57.rawmk4    22_22.rawmk4
00_06.rawmk4    17_44.rawmk4    19_24.rawmk4    21_00.rawmk4    22_25.rawmk4
00_08.rawmk4    17_47.rawmk4    19_27.rawmk4    21_03.rawmk4    22_28.rawmk4
00_11.rawmk4    17_50.rawmk4    19_30.rawmk4    21_06.rawmk4    22_31.rawmk4
00_14.rawmk4    17_53.rawmk4    19_33.rawmk4    21_08.rawmk4    22_34.rawmk4
00_17.rawmk4    17_56.rawmk4    19_36.rawmk4    21_11.rawmk4    22_37.rawmk4
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00_20.rawmk4    18_01.rawmk4    19_39.rawmk4    21_14.rawmk4    22_40.rawmk4
00_23.rawmk4    18_05.rawmk4    19_42.rawmk4    21_17.rawmk4    22_43.rawmk4
00_26.rawmk4    18_08.rawmk4    19_48.rawmk4    21_20.rawmk4    22_45.rawmk4
16_42.rawmk4    18_11.rawmk4    19_51.rawmk4    21_23.rawmk4    22_48.rawmk4
16_45.rawmk4    18_14.rawmk4    19_54.rawmk4    21_26.rawmk4    22_51.rawmk4
16_48.rawmk4    18_17.rawmk4    19_57.rawmk4    21_29.rawmk4    22_54.rawmk4
16_51.rawmk4    18_20.rawmk4    20_00.rawmk4    21_32.rawmk4    22_57.rawmk4
16_54.rawmk4    18_23.rawmk4    20_03.rawmk4    21_35.rawmk4    23_00.rawmk4
16_57.rawmk4    18_26.rawmk4    20_06.rawmk4    21_38.rawmk4    23_03.rawmk4
17_00.rawmk4    18_29.rawmk4    20_09.rawmk4    21_41.rawmk4    23_06.rawmk4
17_03.rawmk4    18_32.rawmk4    20_12.rawmk4    21_44.rawmk4    23_09.rawmk4
17_06.rawmk4    18_35.rawmk4    20_15.rawmk4    21_47.rawmk4    23_12.rawmk4
17_08.rawmk4    18_38.rawmk4    20_24.rawmk4    21_50.rawmk4    23_15.rawmk4
17_11.rawmk4    18_40.rawmk4    20_27.rawmk4    21_53.rawmk4    23_18.rawmk4
17_14.rawmk4    18_43.rawmk4    20_30.rawmk4    21_55.rawmk4    23_21.rawmk4
17_17.rawmk4    18_46.rawmk4    20_33.rawmk4    21_58.rawmk4    23_48.rawmk4
17_20.rawmk4    18_49.rawmk4    20_36.rawmk4    22_01.rawmk4    23_51.rawmk4
17_23.rawmk4    18_57.rawmk4    20_39.rawmk4    22_04.rawmk4    23_54.rawmk4
17_26.rawmk4    19_03.rawmk4    20_42.rawmk4    22_07.rawmk4    23_57.rawmk4
17_29.rawmk4    19_09.rawmk4    20_45.rawmk4    22_10.rawmk4    c18_53.rawmk4
17_32.rawmk4    19_12.rawmk4    20_48.rawmk4    22_13.rawmk4    c19_00.rawmk4
17_35.rawmk4    19_15.rawmk4    20_51.rawmk4    22_16.rawmk4    c19_06.rawmk4
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