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--------------------------------------------------------------------------------
                  Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
            Wed May 20 17:00:41 GMT 2009
Year: 09  Doy: 140
Observer: koon
WEATHER COMMENT: Wed May 20 17:00:42 GMT 2009
Clear sky, wind=10mph from the WSW, temp=46F.
___end___
COMMENT: Wed May 20 17:04:54 GMT 2009
Read HELCo meters this morning.
___end___
Wed May 20 17:05:09 GMT 2009     CHIP     Start Patrol
Wed May 20 17:05:40 GMT 2009     PICS     Start Patrol
MKIV COMMENT: Wed May 20 17:21:25 GMT 2009
Turned off main KCC power inserted new receiver chip at U35 and installed
jumpers correctly at P281, turned back on KCC power.  Now all jumpers on the
transformation board are back to normal.  I received the chips from DigiKey
yesterday.  All seems OK except barrel stopped at 168.91 instead of 180
degrees, will try running Patrol.
___end___
Wed May 20 17:25:27 GMT 2009     MKIV     Start Patrol
Wed May 20 17:43:25 GMT 2009     MKIV     End Patrol
Wed May 20 17:43:32 GMT 2009     MKIV     Start Cal
Wed May 20 18:00:24 GMT 2009     PICS     Flat
PSPT COMMENT: Wed May 20 18:01:30 GMT 2009
Obs
___end___
Wed May 20 18:02:18 GMT 2009     MKIV     End Cal
Wed May 20 18:02:33 GMT 2009     CHIP     LSD
Wed May 20 18:03:00 GMT 2009     PICS     End Flat
Wed May 20 18:03:10 GMT 2009     PICS     ReStart Patrol
Wed May 20 18:04:10 GMT 2009     CHIP     End LSD
Wed May 20 18:04:19 GMT 2009     CHIP     BiasLSD
Wed May 20 18:05:05 GMT 2009     CHIP     End BiasLSD
Wed May 20 18:05:13 GMT 2009     CHIP     Bias
Wed May 20 18:05:56 GMT 2009     CHIP     End Bias
Wed May 20 18:06:08 GMT 2009     CHIP     ReStart Patrol
WEATHER COMMENT: Wed May 20 19:39:56 GMT 2009
Thin cirrostratus
___end___
WEATHER COMMENT: Wed May 20 20:10:31 GMT 2009
Very thin cirrostratus.
___end___
MKIV COMMENT: Wed May 20 20:10:56 GMT 2009
Pausing due to clouds.
___end___
COMMENT: Wed May 20 20:11:11 GMT 2009
```

Extended the dome slot.
___end___
NICE CHIP   IMAGE: 1915
NICE PICSLIMB IMAGE: 1741
NICE PICSDISC IMAGE: 1809
Wed May 20 20:12:39 GMT 2009   MKIV   End Patrol
Wed May 20 21:00:24 GMT 2009   MKIV   Start Correct
MKIV COMMENT: Wed May 20 21:00:27 GMT 2009
Sky cleared trying another Correct.
___end___
Wed May 20 21:01:57 GMT 2009   MKIV   End Correct
Wed May 20 21:02:14 GMT 2009   MKIV   Start Patrol
MKIV COMMENT: Wed May 20 21:02:16 GMT 2009
Trying Patrol to see what scans look like.
___end___
Wed May 20 21:08:29 GMT 2009   MKIV   End Patrol
Wed May 20 21:12:56 GMT 2009   MKIV   Start Correct
Wed May 20 21:14:28 GMT 2009   MKIV   End Correct
Wed May 20 21:15:02 GMT 2009   MKIV   Start Correct
Wed May 20 21:16:33 GMT 2009   MKIV   End Correct
Wed May 20 21:16:58 GMT 2009   MKIV   Start Correct
Wed May 20 21:18:27 GMT 2009   MKIV   End Correct
Wed May 20 21:18:32 GMT 2009   MKIV   Start Correct
Wed May 20 21:20:06 GMT 2009   MKIV   End Correct
Wed May 20 21:20:32 GMT 2009   MKIV   Start Correct
Wed May 20 21:22:05 GMT 2009   MKIV   End Correct
Wed May 20 21:23:26 GMT 2009   MKIV   Start Correct
Wed May 20 21:24:57 GMT 2009   MKIV   End Correct
Wed May 20 21:25:13 GMT 2009   MKIV   Start Correct
Wed May 20 21:26:45 GMT 2009   MKIV   End Correct
Wed May 20 21:27:14 GMT 2009   MKIV   Start Correct
Wed May 20 21:28:49 GMT 2009   MKIV   End Correct
Wed May 20 21:28:57 GMT 2009   MKIV   Start Cal
MKIV COMMENT: Wed May 20 21:29:13 GMT 2009
Tried doing step #3 of the camera installation procedure and using setPixOffset
to vary the zero-channel offset from 25 through 31, I used this syntax:
setPixOffset 0,28
in the akamai window, I can't see any difference around the hairline
positions.
___end___
MKIV COMMENT: Wed May 20 21:31:47 GMT 2009
By the way, we can run the mk4 and do a Cal everyday again.
___end___
Wed May 20 21:47:39 GMT 2009   MKIV   End Cal
Wed May 20 21:47:45 GMT 2009   MKIV   Start Patrol
MKIV COMMENT: Wed May 20 21:55:42 GMT 2009
I left the pixel offset at 28 earlier.
___end___

```
MKIV COMMENT: Wed May 20 22:19:48 GMT 2009
Stopping due to clouds.
___end___
WEATHER COMMENT: Wed May 20 22:19:57 GMT 2009
Cirrostratus is getting thicker.
___end___
Wed May 20 22:32:58 GMT 2009     CHIP      End Patrol
Wed May 20 22:34:27 GMT 2009     PICS      End Patrol
Wed May 20 22:58:28 GMT 2009
        MkIV


17_25.rawmk4    18_20.rawmk4    19_04.rawmk4    19_48.rawmk4    21_56.rawmk4
17_28.rawmk4    18_23.rawmk4    19_07.rawmk4    19_51.rawmk4    21_59.rawmk4
17_31.rawmk4    18_26.rawmk4    19_10.rawmk4    19_54.rawmk4    22_02.rawmk4
17_34.rawmk4    18_29.rawmk4    19_13.rawmk4    19_57.rawmk4    22_05.rawmk4
17_37.rawmk4    18_32.rawmk4    19_16.rawmk4    20_00.rawmk4    22_08.rawmk4
17_40.rawmk4    18_35.rawmk4    19_19.rawmk4    20_03.rawmk4    22_11.rawmk4
17_46.rawmk4    18_38.rawmk4    19_22.rawmk4    20_06.rawmk4    22_14.rawmk4
17_52.rawmk4    18_41.rawmk4    19_25.rawmk4    20_09.rawmk4    22_17.rawmk4
17_58.rawmk4    18_44.rawmk4    19_28.rawmk4    21_05.rawmk4    22_20.rawmk4
18_02.rawmk4    18_47.rawmk4    19_31.rawmk4    21_31.rawmk4    c17_43.rawmk4
18_06.rawmk4    18_50.rawmk4    19_34.rawmk4    21_38.rawmk4    c17_49.rawmk4
18_09.rawmk4    18_53.rawmk4    19_37.rawmk4    21_44.rawmk4    c17_55.rawmk4
18_12.rawmk4    18_56.rawmk4    19_40.rawmk4    21_47.rawmk4    c21_05.rawmk4
18_14.rawmk4    18_59.rawmk4    19_43.rawmk4    21_50.rawmk4    c21_34.rawmk4
18_17.rawmk4    19_01.rawmk4    19_46.rawmk4    21_53.rawmk4    c21_41.rawmk4
```