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                  Mauna Loa Solar Observatory Observer's Log
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          Thu Jan 18 17:44:45 GMT 2001
Year: 01  Doy: 018
Observer: koon
WEATHER COMMENT: Thu Jan 18 17:44:47 GMT 2001
Clear sky, wind=10 mph from the ESE, temp=38 F.
Thu Jan 18 17:46:34 GMT 2001     CHIP     Startup--Initializing new tape
Thu Jan 18 17:50:39 GMT 2001     MKIV     Start Patrol
Thu Jan 18 17:50:58 GMT 2001     CHIP     Start 7 Passband Patrol
Thu Jan 18 17:51:02 GMT 2001     PICS     Start Patrol
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Thu Jan 18 17:56:13 GMT 2001
Thu Jan 18 18:02:49 GMT 2001     PICS     Flat
Thu Jan 18 18:06:32 GMT 2001     PICS     End Flat
Thu Jan 18 18:27:02 GMT 2001     MKIV     Start Patrol
MKIV COMMENT: Thu Jan 18 18:27:09 GMT 2001
Did some ltc transfers, restarting Patrol.
**MKIV PROBLEM**: Thu Jan 18 18:30:14 GMT 2001
Upon restart of Patrol the barrel started turning but no signal was displayed,
then the scan continued beyond the normal turnaround point and was heading for
a limit where is probably would have stalled like yesterday.  I reset the KCC
and restarted Patrol successfully.
Thu Jan 18 18:35:46 GMT 2001     MKIV     Start Patrol
Thu Jan 18 20:00:45 GMT 2001     CHIP     LSD
Thu Jan 18 20:03:37 GMT 2001     CHIP     End LSD
Thu Jan 18 20:03:54 GMT 2001     CHIP     BiasLSD
Thu Jan 18 20:04:48 GMT 2001     CHIP     End BiasLSD
Thu Jan 18 20:04:58 GMT 2001     CHIP     Bias7
Thu Jan 18 20:05:48 GMT 2001     CHIP     End Bias7
**MKIV PROBLEM**: Thu Jan 18 21:16:20 GMT 2001
Mk4 fixOffset code was disabled on 1/17, and will remain disabled until
further notice.  This code may have been causing the
problem that became obvious after the thorough O1 cleaning recently.
The software seems to have been adjusting for gain drift by using
scattered light to set the gain, but it should ideally adjust for camera
gain drift instead.
MKIV COMMENT: Thu Jan 18 21:19:57 GMT 2001
Pausing to install new code on KCC.
Thu Jan 18 21:22:19 GMT 2001     MKIV     Start Patrol
Thu Jan 18 21:31:39 GMT 2001     MKIV     Start Patrol
MKIV COMMENT: Thu Jan 18 21:36:45 GMT 2001
Test scans were made at 2122 and 2125 w/o the Ferroelectric Liquid Crystal
(FLC) disabled, re-enabled it afterward.
MKIV COMMENT: Thu Jan 18 21:39:39 GMT 2001
Test scan 2134 had channel 1 gain zeroed, test scan 2140 had channel 0 gain
zeroed.
MKIV COMMENT: Thu Jan 18 21:46:31 GMT 2001
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Back to normal data scans again.
Thu Jan 18 22:04:37 GMT 2001      PICS      End Patrol
Thu Jan 18 22:05:36 GMT 2001      CHIP      End Patrol
Thu Jan 18 22:06:12 GMT 2001      CHIP      FrontEnd finished.
Thu Jan 18 22:14:02 GMT 2001
          MkIV


17_50.rawmk4    19_09.rawmk4    19_56.rawmk4    20_44.rawmk4    21_40.rawmk4
17_53.rawmk4    19_12.rawmk4    19_59.rawmk4    20_47.rawmk4    21_43.rawmk4
17_56.rawmk4    19_15.rawmk4    20_02.rawmk4    20_50.rawmk4    21_46.rawmk4
17_59.rawmk4    19_18.rawmk4    20_05.rawmk4    20_52.rawmk4    21_49.rawmk4
18_02.rawmk4    19_21.rawmk4    20_08.rawmk4    20_55.rawmk4    21_52.rawmk4
18_05.rawmk4    19_24.rawmk4    20_11.rawmk4    20_58.rawmk4    21_55.rawmk4
18_08.rawmk4    19_27.rawmk4    20_14.rawmk4    21_01.rawmk4    21_58.rawmk4
18_11.rawmk4    19_30.rawmk4    20_17.rawmk4    21_04.rawmk4    22_01.rawmk4
18_35.rawmk4    19_33.rawmk4    20_20.rawmk4    21_07.rawmk4    22_04.rawmk4
18_38.rawmk4    19_36.rawmk4    20_23.rawmk4    21_10.rawmk4    c18_41.rawmk4
18_44.rawmk4    19_38.rawmk4    20_26.rawmk4    21_13.rawmk4    c18_48.rawmk4
18_51.rawmk4    19_41.rawmk4    20_29.rawmk4    21_22.rawmk4    c18_54.rawmk4
18_57.rawmk4    19_44.rawmk4    20_32.rawmk4    21_25.rawmk4
19_00.rawmk4    19_47.rawmk4    20_35.rawmk4    21_31.rawmk4
19_03.rawmk4    19_50.rawmk4    20_38.rawmk4    21_34.rawmk4
19_06.rawmk4    19_53.rawmk4    20_41.rawmk4    21_37.rawmk4
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