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                  Mauna Loa Solar Observatory Observer's Log
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          Tue Sep 19 16:25:12 GMT 2000
Year: 00  Doy: 263
Observer: yasukawa
WEATHER COMMENT: Tue Sep 19 16:26:01 GMT 2000
Cool, clear, brisk south wind.
Tue Sep 19 16:27:38 GMT 2000     CHIP     Startup--Initializing new tape
**LOW-L PROBLEM**: Tue Sep 19 16:33:30 GMT 2000
LOWL crashed overnight sometime.  There was an onboard parity error.
Address (hex) 5000 : C396
System halted

Since Greg and Steve are here to upgrade the lowl, I will not restart it.
They will be shutting it down for modifications anyway.
**PICS PROBLEM**: Tue Sep 19 16:36:11 GMT 2000
I will not start PICS this morning.  I will remove motor and check for
source of noise in occulting wheel assembly.
Tue Sep 19 16:41:17 GMT 2000     CHIP     CHIP Start 7 Passband Patrol
Tue Sep 19 16:41:25 GMT 2000     MKIV     Start Patrol
LOW-L COMMENT: Tue Sep 19 18:23:06 GMT 2000
LOWL shut down to begin upgrade.  L00747 removed from drive #1.
**PICS PROBLEM**: Tue Sep 19 18:23:47 GMT 2000
Occulting wheel motor's brushes and commutator is worn. Motor is quiet
when it is horizontal, such as in the morning, and gets noisy as it
becomes vertical, which is why it gets noisy later in the morning.
We have not received the replacement motor from Greg.
Greg will attempt to track its shipment as he says it was shipped
a while back.  Having no replacement, I will replace the noisy
motor and we will run it until we get a replacement or it fails.
Tue Sep 19 18:59:51 GMT 2000     PICS     Start Patrol
Tue Sep 19 19:06:16 GMT 2000     PICS     End Patrol
Tue Sep 19 19:40:25 GMT 2000     PICS     Start Patrol
**PICS PROBLEM**: Tue Sep 19 19:42:16 GMT 2000
Motor is back in place and encoder is aligned.  Still noisy!
Tue Sep 19 19:48:45 GMT 2000     PICS     End Patrol
Tue Sep 19 19:48:51 GMT 2000     CHIP     CHIP End Patrol
COMMENT: Tue Sep 19 19:49:04 GMT 2000
Stopping to reconfigure dome shutter.
Tue Sep 19 19:54:15 GMT 2000     MKIV     Start Patrol
Tue Sep 19 19:54:21 GMT 2000     CHIP     CHIP Start 7 Passband Patrol
Tue Sep 19 19:54:21 GMT 2000     CHIP     CHIP Start 7 Passband Patrol
Tue Sep 19 20:02:30 GMT 2000     CHIP     Gain7
Tue Sep 19 20:11:00 GMT 2000     CHIP     End Gain
Tue Sep 19 20:11:13 GMT 2000     CHIP     Bias
Tue Sep 19 20:12:12 GMT 2000     CHIP     End Bias
**PSPT PROBLEM**: Tue Sep 19 20:20:30 GMT 2000
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PSPT crashed at 1805 UT. Have to reboot to recover.
PICS PROBLEM: Tue Sep 19 21:23:43 GMT 2000
Did not turn adr back on, got domed out.
WEATHER COMMENT: Tue Sep 19 21:58:46 GMT 2000
Orographic clouds arrived above station.
Tue Sep 19 22:06:39 GMT 2000   CHIP   CHIP End Patrol
Tue Sep 19 22:07:23 GMT 2000   PICS   End Patrol
Tue Sep 19 22:07:44 GMT 2000   CHIP   ending tape
COMMENT: Tue Sep 19 22:11:11 GMT 2000
Tapes:
MKIV: 00-263
PICS: P01843
CHIP: C01224
LOWL: No data today. Upgrade in progress.
Tue Sep 19 22:14:44 GMT 2000
        MkIV

16_41.rawmk4   17_43.rawmk4   18_46.rawmk4   20_12.rawmk4   21_14.rawmk4
16_44.rawmk4   17_46.rawmk4   18_49.rawmk4   20_15.rawmk4   21_17.rawmk4
16_47.rawmk4   17_49.rawmk4   18_51.rawmk4   20_18.rawmk4   21_20.rawmk4
16_50.rawmk4   17_52.rawmk4   18_54.rawmk4   20_20.rawmk4   21_23.rawmk4
16_53.rawmk4   17_55.rawmk4   18_57.rawmk4   20_23.rawmk4   21_26.rawmk4
16_56.rawmk4   17_58.rawmk4   19_00.rawmk4   20_26.rawmk4   21_29.rawmk4
16_59.rawmk4   18_01.rawmk4   19_03.rawmk4   20_29.rawmk4   21_32.rawmk4
17_02.rawmk4   18_04.rawmk4   19_06.rawmk4   20_32.rawmk4   21_35.rawmk4
17_05.rawmk4   18_07.rawmk4   19_09.rawmk4   20_35.rawmk4   21_38.rawmk4
17_08.rawmk4   18_10.rawmk4   19_12.rawmk4   20_38.rawmk4   21_41.rawmk4
17_11.rawmk4   18_13.rawmk4   19_15.rawmk4   20_41.rawmk4   21_44.rawmk4
17_14.rawmk4   18_16.rawmk4   19_18.rawmk4   20_44.rawmk4   21_47.rawmk4
17_17.rawmk4   18_19.rawmk4   19_24.rawmk4   20_47.rawmk4   21_50.rawmk4
17_20.rawmk4   18_22.rawmk4   19_30.rawmk4   20_50.rawmk4   21_53.rawmk4
17_23.rawmk4   18_25.rawmk4   19_37.rawmk4   20_53.rawmk4   21_56.rawmk4
17_26.rawmk4   18_28.rawmk4   19_54.rawmk4   20_56.rawmk4   21_59.rawmk4
17_29.rawmk4   18_31.rawmk4   19_57.rawmk4   20_59.rawmk4   22_02.rawmk4
17_32.rawmk4   18_34.rawmk4   20_00.rawmk4   21_02.rawmk4   c19_21.rawmk4
17_34.rawmk4   18_37.rawmk4   20_03.rawmk4   21_05.rawmk4   c19_27.rawmk4
17_37.rawmk4   18_40.rawmk4   20_06.rawmk4   21_08.rawmk4   c19_33.rawmk4
17_40.rawmk4   18_43.rawmk4   20_09.rawmk4   21_11.rawmk4