```
--------------------------------------------------------------------------------
          Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
       Fri Oct 27 16:44:56 GMT 2017
Year: 17  Doy: 300
Observer: berkey
WEATHER COMMENT: berkey: Fri Oct 27 16:46:03 GMT 2017
Temp: 46.5f, Humidity: 30%, Pressure: 28.549in, Wind: 7mph from 194degs, Skies: Clear
___end___
Fri Oct 27 16:56:46 GMT 2017 CoMP occulter has been re-centered
Fri Oct 27 17:08:35 GMT 2017 Kcor Focus/alignment program exited
Fri Oct 27 17:09:48 GMT 2017 CoMP occulter has been re-centered
GENERAL COMMENT BY berkey: Fri Oct 27 17:15:42 GMT 2017
PM Blew off Kcor O1
___end___
GENERAL COMMENT BY berkey: Fri Oct 27 17:15:50 GMT 2017
PM Blew off CoMP O1
___end___
Fri Oct 27 17:24:19 GMT 2017 SGS Alignment complete
Fri Oct 27 17:23:35 GMT 2017 CoMP occulter has been re-centered
Fri Oct 27 17:23:37 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk
Fri Oct 27 17:24:44 GMT 2017 Kcor Focus/alignment program exited
Fri Oct 27 17:31:21 GMT 2017 KCOR Start Synoptic Patrol
Fri Oct 27 18:10:01 GMT 2017 KCOR End Patrol
Fri Oct 27 18:15:27 GMT 2017 Kcor sees an SGS Guiding Error closing lens cover
Fri Oct 27 18:15:29 GMT 2017 KCOR End Patrol
KCOR COMMENT BY berkey: Fri Oct 27 18:44:33 GMT 2017
Tempoarly added a camera to the kcor foreoptics box to try and watch what happens during the calibration; to see if there
is some hint at to the source of the little fringes.
___end___
Fri Oct 27 18:45:46 GMT 2017 KCOR Start Synoptic Patrol
Fri Oct 27 19:12:24 GMT 2017 KCOR End Patrol
Fri Oct 27 19:12:26 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini
Fri Oct 27 19:27:46 GMT 2017 KCOR End Calibration Script
Fri Oct 27 19:28:04 GMT 2017 KCOR Start Synoptic Patrol
Fri Oct 27 19:28:05 GMT 2017 KCOR Start Synoptic Patrol
Fri Oct 27 20:06:19 GMT 2017 KCOR End Patrol
Fri Oct 27 20:05:34 GMT 2017 COMP End Patrol
KCOR COMMENT BY berkey: Fri Oct 27 20:10:24 GMT 2017
Moved the kcor camera
___end___
Fri Oct 27 20:13:08 GMT 2017 SGS Alignment complete
Fri Oct 27 20:12:55 GMT 2017 CoMP occulter has been re-centered
Fri Oct 27 20:14:21 GMT 2017 Kcor Focus/alignment program exited
Fri Oct 27 20:14:38 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk
Fri Oct 27 20:17:17 GMT 2017 KCOR Start Synoptic Patrol
Fri Oct 27 21:46:59 GMT 2017 COMP End Patrol
Fri Oct 27 21:47:00 GMT 2017 COMP Start Patrol on cookbook: synoptic-00010.cbk
```

Fri Oct 27 22:04:13 GMT 2017 KCOR End Patrol
Fri Oct 27 22:06:31 GMT 2017 CoMP Paused for clouds
Fri Oct 27 22:50:38 GMT 2017 CoMP Restarted from pause
KCOR COMMENT BY berkey: Fri Oct 27 22:57:52 GMT 2017
Removed the baffle that covers the calpol when it is out of the beam to see if it was a refelection off the baffle that ca
used the small fringes.

The calpol rotator barrel itself is much more refelctive (anodized AL) than the baffle (rough matte black). So this seems
 unlikley to help. But there is some hope because the barrel is recessed away from the beam a few mm to a few cm w.r.t the
 baffle plate.
___end___
KCOR COMMENT BY berkey: Fri Oct 27 23:09:45 GMT 2017
Kcor is seeing heavy aersosols. Aersol level may be too high to see ngrf images and/or fringes.
___end___
Sat Oct 28 01:07:51 GMT 2017 CoMP Paused for clouds
KCOR COMMENT BY berkey: Sat Oct 28 01:18:36 GMT 2017
Reinstalled the Kcor calpol baffle
___end___
Sat Oct 28 01:19:03 GMT 2017 CoMP Restarted from pause
Sat Oct 28 01:31:40 GMT 2017 COMP End Patrol
Sat Oct 28 01:31:40 GMT 2017 COMP Start Patrol on cookbook: waves-00001.cbk
Sat Oct 28 02:18:29 GMT 2017 COMP End Patrol