```
--------------------------------------------------------------------------------
          Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------------
        Mon Aug 15 16:44:22 GMT 2016
Year: 16  Doy: 228
Observer: berkey
WEATHER COMMENT: berkey: Mon Aug 15 16:45:05 GMT 2016
Temp: 43.1f, Humidity: 65%, Pressure: 28.674in, Wind: 7mph from 214degs, Skies: patchy cirrus and broken inversion layer l
ikely marginal skies for the morning.
___end___
Mon Aug 15 17:25:42 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk
Mon Aug 15 17:28:46 GMT 2016 KCOR Start Synoptic Patrol
****Possible CME in Progress berkey******: Mon Aug 15 18:06:39 GMT 2016
Fast CME launching from NEAR PA60 before 17:00ut.
___end___

   You can check out the image data at:
        http://mlso.hao.ucar.edu
Mon Aug 15 19:25:26 GMT 2016 COMP End Patrol
Mon Aug 15 19:26:04 GMT 2016 SGS Alignment complete
CoMP COMMENT BY berkey: Mon Aug 15 19:33:49 GMT 2016
CoMP camera/field lens realigned to better center the images on the detector.
___end___
Mon Aug 15 19:34:30 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk
Mon Aug 15 19:41:53 GMT 2016 KCOR Start Synoptic Patrol
Mon Aug 15 19:45:05 GMT 2016 KCOR End Patrol
Mon Aug 15 19:45:06 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini
Mon Aug 15 20:02:22 GMT 2016 KCOR End Calibration Script
Mon Aug 15 20:02:39 GMT 2016 KCOR Start Synoptic Patrol
Mon Aug 15 20:02:39 GMT 2016 KCOR Start Synoptic Patrol
Mon Aug 15 20:18:37 GMT 2016 KCOR End Patrol
Mon Aug 15 20:19:08 GMT 2016 CoMP Paused for clouds
Mon Aug 15 20:20:51 GMT 2016 CoMP Restarted from pause
Mon Aug 15 20:24:43 GMT 2016 CoMP Paused for clouds
Mon Aug 15 20:27:38 GMT 2016 CoMP Restarted from pause
Mon Aug 15 20:30:14 GMT 2016 COMP End Patrol
KCOR COMMENT BY berkey: Mon Aug 15 20:30:40 GMT 2016
when directed to move the kcor cover only seemed to move about 1/2 out of the beam.  Requesting a second move fixed the is
sue.   I assume this was a one off problem.
___end___
GENERAL COMMENT BY berkey: Mon Aug 15 20:35:58 GMT 2016
Dome closed for low clouds.
___end___
CoMP COMMENT BY berkey: Tue Aug 16 01:42:06 GMT 2016
Pulled the O1 out for cleaning today.

The main goal was to get things in the best cast for the HOP316 campagin on Wednesday. But I also wanted to test out a spo
t light on the cleaning station.
```

The light seems very effective. It was easy to see dust/marks/residue that got lost in the old lighting scheme.

However I was unable to remove some linear structures which I had assumed were bug tracks with soap.   I can tell if these
 are on or in the glass but with current cleaning tech they dont want to wash away.
___end___