```
------------------------------------------------------------------------------
          Mauna Loa Solar Observatory Observer's Log
------------------------------------------------------------------------------
        Mon Jun 27 16:40:08 GMT 2016
Year: 16   Doy: 179
Observer: berkey
WEATHER COMMENT: berkey: Mon Jun 27 16:40:17 GMT 2016
Temp: 44.8f, Humidity: 42%, Pressure: 28.707in, Wind: 6mph from 210degs, Skies: Cirrus :(
___end___
CoMP COMMENT BY berkey: Mon Jun 27 22:12:45 GMT 2016
We got a new ND filter out to try in comp.  Filter wheel was remove to install the new filter. In  trying to install it I
found that the new filter is 50.5mm while the filter hole is 50.14mm :(

While the filter wheel was open I found some dust on all the filters, an attemp was made to blow the dust off but some sti
ll remians on the filters.

I have also discovered that filter wheel position 7 is clear and now 4.0ND as reported in software.

Wheel has been reinstalled in the telescope with position 7 remaining empty.
___end___
GENERAL COMMENT BY berkey: Mon Jun 27 22:46:37 GMT 2016
Now heavy fog outside
___end___
Tue Jun 28 00:54:58 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk
Tue Jun 28 00:57:11 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk
Tue Jun 28 00:59:11 GMT 2016 COMP End Patrol
Tue Jun 28 00:59:11 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk
Tue Jun 28 01:04:00 GMT 2016 COMP End Patrol
Tue Jun 28 01:07:42 GMT 2016 COMP Start Patrol on cookbook: cadtest.cbk
Tue Jun 28 01:08:44 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk
Tue Jun 28 01:09:16 GMT 2016 COMP End Patrol
Tue Jun 28 01:09:32 GMT 2016 COMP Start Patrol on cookbook: cadtest.cbk
Tue Jun 28 01:19:00 GMT 2016 COMP End Patrol
Tue Jun 28 01:19:16 GMT 2016 COMP Start Patrol on cookbook: cadtest.cbk
CoMP COMMENT BY berkey: Tue Jun 28 01:46:09 GMT 2016
Broke the LN2 funnel.  It has been kind of repaired with some tape but it should be replaced soon.
___end___
GONG COMMENT BY berkey: Tue Jun 28 01:46:31 GMT 2016
Replaced a fues and 2 hard drives in the gong shelter per request from Gong_ops
___end___
CoMP COMMENT BY berkey: Tue Jun 28 01:52:17 GMT 2016
Forked the CoMP code and started testing some data handling ideas that we might apply once UCoMP is deployed.   The new co
de uses come queues to push data around memory vs writing it to disk.  I think this should end up with better control over
 the execution time of the recipes which should in turn help the waves programs.  More testing is needed.


NOTE no data was taken today, dome was never opened.   FTS files that were written to disk have been deleted becasue they
were in funky modes.
```

____end____