```
-------------------------------------------------------------------------------
          Mauna Loa Solar Observatory Observer's Log
-------------------------------------------------------------------------------
        Tue Jul 27 17:17:51 GMT 2021
Year: 21  Doy: 208
Observer: berkey
WEATHER COMMENT: berkey: Tue Jul 27 17:18:59 GMT 2021
Temp: 45.4f, Humidity: 46%, Pressure: 28.781in, Wind: 1mph from 187degs, Skies: clear
___end___
GENERAL COMMENT BY berkey: Tue Jul 27 17:19:12 GMT 2021
PM Blew off Kcor O1
___end___
GENERAL COMMENT BY berkey: Tue Jul 27 17:19:16 GMT 2021
PM Blew off UCoMP O1
___end___
Tue Jul 27 17:26:55 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb
Tue Jul 27 17:33:16 GMT 2021 Kcor Focus/alignment program exited
Tue Jul 27 17:35:34 GMT 2021 KCOR Start Synoptic Patrol
Tue Jul 27 17:45:42 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Tue Jul 27 18:04:34 GMT 2021 Running UCOMP Cookbook all_coronal_7.ckb
Tue Jul 27 18:23:15 GMT 2021 Running UCOMP Cookbook 80ms_dark.ckb
Tue Jul 27 18:23:28 GMT 2021 Running UCOMP Cookbook 530_Pol_Calibrate.ckb
Tue Jul 27 18:28:08 GMT 2021 Running UCOMP Cookbook 637_Pol_Calibrate.ckb
Tue Jul 27 18:32:27 GMT 2021 Running UCOMP Cookbook 656_Pol_Calibrate.ckb
Tue Jul 27 18:36:52 GMT 2021 Running UCOMP Cookbook 691_Pol_Calibrate.ckb
Tue Jul 27 18:41:08 GMT 2021 Running UCOMP Cookbook 706_Pol_Calibrate.ckb
Tue Jul 27 18:45:25 GMT 2021 Running UCOMP Cookbook 789_Pol_Calibrate.ckb
Tue Jul 27 18:49:44 GMT 2021 Running UCOMP Cookbook 1074_Pol_Calibrate.ckb
Tue Jul 27 18:54:02 GMT 2021 Running UCOMP Cookbook 1079_Pol_Calibrate.ckb
Tue Jul 27 18:55:23 GMT 2021 KCOR End Patrol
Tue Jul 27 18:55:30 GMT 2021 KCOR End Patrol
GENERAL COMMENT BY berkey: Tue Jul 27 18:55:45 GMT 2021
Sky is getting brighter cirrus is moving in.
___end___
Tue Jul 27 18:58:18 GMT 2021 Running UCOMP Cookbook 1083_Pol_Calibrate.ckb
Tue Jul 27 19:02:34 GMT 2021 Running UCOMP Cookbook 530_Scan.ckb
Tue Jul 27 19:06:23 GMT 2021 UCoMP Paused for clouds
GENERAL COMMENT BY berkey: Tue Jul 27 19:30:24 GMT 2021

___end___
Tue Jul 27 20:00:59 GMT 2021 UCoMP Restarted from pause
Tue Jul 27 20:03:43 GMT 2021 Kcor Focus/alignment program exited
Tue Jul 27 20:12:11 GMT 2021 Running UCOMP Cookbook 637_Scan.ckb
Tue Jul 27 20:27:12 GMT 2021 Running UCOMP Cookbook 656_Scan.ckb
Tue Jul 27 20:38:15 GMT 2021 UCoMP Paused for clouds
Tue Jul 27 20:42:29 GMT 2021 UCoMP Restarted from pause
Tue Jul 27 20:43:14 GMT 2021 UCoMP Paused for clouds
GENERAL COMMENT BY berkey: Tue Jul 27 20:53:49 GMT 2021
```

Closing dome.
___end___
Tue Jul 27 20:53:49 GMT 2021 UCoMP Restarted from pause
Tue Jul 27 23:56:39 GMT 2021 Running UCOMP Cookbook all_coronal_7_flats.ckb
UCoMP COMMENT BY berkey: Wed Jul 28 00:18:56 GMT 2021
Some bug fixes and changes to the ucomp observing code.

The center occulter program now records the new position in the instrument_config.ini after aligning. Perviously it had a
 bug and just wrote back out the value it read from the file. The program now prompts the observer to make sure they want
 to commit to this position of the move is more than 1mm.

When starting the UCoMP controller we now automatically home the OcculterX OcculterY, CalPol and CalRet stages.
___end___
GENERAL COMMENT BY berkey: Wed Jul 28 00:21:45 GMT 2021
This mornings clouds turned into fog then heavy rain.
___end___
ONSITE STAFF: