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Mauna Loa Solar Observatory Observer's Log  
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Mon Nov 18 17:01:49 GMT 2013

Year: 13 Doy: 322

Observer: berkey

WEATHER COMMENT: berkey: Mon Nov 18 17:01:50 GMT 2013

temp 39f, wind 10mph from SE, patchy cirrus covering the ksy

\_\_\_\_end\_\_\_\_

Mon Nov 18 17:20:15 GMT 2013 KCOR Start Calibration script: C:\kcor\ben-test.ini  
Mon Nov 18 17:21:05 GMT 2013 KCOR End Calibration Script  
Mon Nov 18 17:21:08 GMT 2013 KCOR Start Synoptic Patrol  
Mon Nov 18 17:21:17 GMT 2013 KCOR Start Calibration script: C:\kcor\ben-test.ini  
Mon Nov 18 17:22:10 GMT 2013 KCOR End Calibration Script  
Mon Nov 18 17:22:11 GMT 2013 KCOR Start Synoptic Patrol  
Mon Nov 18 17:22:11 GMT 2013 KCOR Start Synoptic Patrol  
Mon Nov 18 17:22:41 GMT 2013 KCOR End Patrol  
Mon Nov 18 17:23:15 GMT 2013 KCOR Start Synoptic Patrol  
Mon Nov 18 17:23:20 GMT 2013 KCOR Start Calibration script: C:\kcor\ben-test.ini  
Mon Nov 18 17:24:14 GMT 2013 KCOR End Calibration Script  
Mon Nov 18 17:24:15 GMT 2013 KCOR Start Synoptic Patrol  
Mon Nov 18 17:24:15 GMT 2013 KCOR Start Synoptic Patrol  
Mon Nov 18 17:25:07 GMT 2013 KCOR End Patrol  
Mon Nov 18 17:27:00 GMT 2013 KCOR End Patrol  
Mon Nov 18 17:27:26 GMT 2013 KCOR Start Calibration script: C:\kcor\ben-test.ini  
Mon Nov 18 17:28:24 GMT 2013 KCOR End Calibration Script  
Mon Nov 18 17:28:34 GMT 2013 KCOR Start Synoptic Patrol  
Mon Nov 18 17:29:19 GMT 2013 KCOR End Patrol  
Mon Nov 18 17:29:19 GMT 2013 KCOR Start Calibration script: C:\kcor\ben-test.ini  
Mon Nov 18 17:30:10 GMT 2013 KCOR End Calibration Script  
Mon Nov 18 17:30:10 GMT 2013 KCOR Start Synoptic Patrol  
Mon Nov 18 17:30:10 GMT 2013 KCOR Start Synoptic Patrol  
Mon Nov 18 17:30:15 GMT 2013 KCOR End Patrol

KCOR COMMENT BY berkey: Mon Nov 18 17:41:41 GMT 2013

Changed the logic of now the science/calibration buttons work. In the old mode pushing the science button on or off did 3 things toggled the LED, made a day log entry and toggled the state of the data type. But there was no interaction with the calibration script. So the proper course of action for the user was to toggle science off before starting a calibration and toggle it on after calibration. If the system was in science mode and the observer hit calibrate; the datatype would change but we wouldn't get the end patrol in the log and the science data led would remain lit. When the calibration was done the data type would be engineering but the science data light would be on.

In the new logic the events generated by clicking the science button stayed the same; but there is more logic in the calibration state. We now check the state of the science button, if it is ON we turn the light off and trigger an End patrol in the log; the change in data type is already handled by the calibrate state. Then at the end of the calibrations we will turn the science data back on if it was on at the start of the calibration.

\_\_\_\_end\_\_\_\_

Mon Nov 18 17:44:01 GMT 2013: PSPT Start Patrol

KCOR COMMENT BY berkey: Mon Nov 18 17:48:16 GMT 2013

Please ignore all kcor data from earlier this morning, dome was closed and I was doing engineering on the gui.  
\_\_\_\_end\_\_\_\_

Mon Nov 18 19:15:53 GMT 2013: PSPT Start Patrol

Tue Nov 19 00:34:16 GMT 2013: PSPT Abort Patrol

Tue Nov 19 00:34:19 GMT 2013: PSPT Abort Patrol

Tue Nov 19 01:45:09 GMT 2013: PSPT Start Patrol

CoMP COMMENT BY berkey: Tue Nov 19 03:13:41 GMT 2013

Loaded new cookbook on to comp and deleted the old c:\comp directory. Now comp files can be found in  
c:\documents and settings\iguser\my documents\comp-m\trunk\software

Related to this we are no running a newer version of the "CoMP Read Rockwell Temperature and Shutdown if nessary.vi" It  
should now have the following behavior.

If camera is cold and pullizi switch 3 is on. Do nothing (all is good)

If camera is cold and pullizi switch 3 is off. Turn the background blue to get user attention

If camera is warm and pullizi switch 3 is on. Turn off switch 3 and make the background red.

If camera is warm and pullizi switcd 3 is off. Make background red.

In this mode we should be able to watch the cameras warming/cooling behavior even after it passes the -170 warm thresshold

\_\_\_\_end\_\_\_\_