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------------------------------------------------------------------------------
          Mauna Loa Solar Observatory Observer's Log
------------------------------------------------------------------------------
        Wed Jan  8 17:26:33 GMT 2014
Year: 14  Doy: 008
Observer: berkey
WEATHER COMMENT: berkey: Wed Jan  8 17:26:37 GMT 2014
temp 31f, wind 9mph from SW, clear skies
___end___
Wed Jan 8 17:44:32 GMT 2014: PSPT Start Patrol
KCOR COMMENT BY berkey: Wed Jan  8 17:43:57 GMT 2014
Looks like labview crash/hung while trying to run the focus vi.  I am not sure why this is, but it seems odd that labview
is using 1.5GB of ram.
___end___
KCOR COMMENT BY berkey: Wed Jan  8 17:46:12 GMT 2014
Attempts to kill labview.exe via the task manager have failed restarting the computer
___end___
Wed Jan 08 17:55:24 GMT 2014 COMP Start Patrol
Wed Jan 08 17:57:37 GMT 2014 COMP End Patrol
Wed Jan 08 18:02:15 GMT 2014 COMP Start Patrol
CoMP COMMENT BY berkey: Wed Jan  8 18:02:17 GMT 2014
When centering the occulter I see a funny "hair line" about 1/5 of the comp field of view above the occulter.  I assume th
is is some sort of optical effect not an actually mk4 style hair line but I can't think of where this line might come from
___end___
Wed Jan 08 18:10:41 GMT 2014 KCOR Start Synoptic Patrol
Wed Jan 08 18:38:44 GMT 2014 KCOR End Patrol
Wed Jan 08 18:38:44 GMT 2014 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini
GONG COMMENT BY berkey: Wed Jan  8 18:38:24 GMT 2014
Gong was osscilating this morning.  I fixed this by turning off the Pitch amp's from the gongExpert tool.  It took a coupl
e itterations of starting/stoping the pitch axis before things stabalized; but it seems that once the pitch starts its sha
king it wont recover on its own, and requries a stop/start of the control loop.
___end___
Wed Jan 08 18:54:41 GMT 2014 KCOR End Calibration Script
Wed Jan 08 18:54:57 GMT 2014 KCOR Start Synoptic Patrol
Wed Jan 08 18:54:57 GMT 2014 KCOR Start Synoptic Patrol
GONG COMMENT BY berkey: Wed Jan  8 19:00:05 GMT 2014
Gong is shaking again.
___end___
GONG COMMENT BY berkey: Wed Jan  8 19:04:15 GMT 2014
looks like the guider got unlocked.  Clicked guider on and things stablized.
___end___
KCOR COMMENT BY berkey: Wed Jan  8 19:11:41 GMT 2014
Starting socketcam test for Alice.  In this test we will restart socketcam multiple times to check states.
Pre-start mem usage 4.5GB socket cam 464MB Labview.
___end___
Wed Jan 08 19:15:22 GMT 2014 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Wed Jan  8 19:15:44 GMT 2014
starting to see some patches of cloulds blowing in from the east
```

___end___
KCOR COMMENT BY berkey: Wed Jan 8 19:16:25 GMT 2014
Restart #1 socketcam stopped/crashed.   I typed quit into socketcam windows and hit the stop sign in labview to recover.
Restart #2 (by clicking run in labview) Cam0 started up in nonimal configuration (Mid, bright, dark,mid)
Restart #3 Double clicked STOP button, for some reason labview VI has stopped responding. Stopping labview.
___end___
KCOR COMMENT BY berkey: Wed Jan 8 19:23:41 GMT 2014
Restart #3 continued (socketcam was quit via the quit command (forgot to avg gent it) After running labview again camera started up in nonimal mode.
Restart #4 Clicked stop cam avging gent sent and things appear to have shutdown properly.
Restart #5 First time we got the system to restart as designed however polarization is wrong: Bright Dark mid mid
___end___
KCOR COMMENT BY berkey: Wed Jan 8 19:26:48 GMT 2014
Restart #6 Restart completeled in off nonimal Bright Dark mid mi
___end___
GENERAL OBSERVATORY COMMENT BY berkey: Wed Jan 8 19:29:39 GMT 2014
Near by clouds we will need to close domes soon
___end___
KCOR COMMENT BY berkey: Wed Jan 8 19:29:55 GMT 2014
Restart #7 failed in the same manor as restart #1
___end___
KCOR COMMENT BY berkey: Wed Jan 8 19:30:19 GMT 2014
Restart #8 quit socketcam and clicked the labview stop button before clicking run in labview
___end___
Wed Jan 8 19:32:51 GMT 2014: PSPT Abort Patrol
Wed Jan 08 19:33:10 GMT 2014 COMP End Patrol
KCOR COMMENT BY berkey: Wed Jan 8 19:31:21 GMT 2014
#8 restarted in Bright Dark Mid Mid

Restart #9 came back up with Bright Dark mid mid
___end___
GENERAL OBSERVATORY COMMENT BY berkey: Wed Jan 8 19:34:46 GMT 2014
Domes closed for clouds/fog blowing in from the east
___end___
KCOR COMMENT BY berkey: Wed Jan 8 19:35:24 GMT 2014
With labview stopped and socketcam "avg gent"ed Labview is using 435MB and socketcam 89Mb of memory.
___end___
Wed Jan 8 19:56:53 GMT 2014: PSPT Start Patrol
Wed Jan 08 20:01:14 GMT 2014 COMP Start Patrol
Wed Jan 08 20:12:51 GMT 2014 KCOR Start Synoptic Patrol
Wed Jan 08 20:20:25 GMT 2014 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Wed Jan 8 21:02:28 GMT 2014
Clouds coming in again. Not yet ready to close domes
___end___
KCOR COMMENT BY berkey: Wed Jan 8 21:03:34 GMT 2014
Forgot to turn on the science button for the last 30+ minutes of decent skies.
___end___
Wed Jan 08 21:12:53 GMT 2014 KCOR Start Synoptic Patrol

Wed Jan 08 21:18:34 GMT 2014 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Wed Jan 8 21:18:25 GMT 2014
Clouds again.
___end___
Wed Jan 08 21:20:14 GMT 2014 KCOR Start Synoptic Patrol
Wed Jan 08 21:21:05 GMT 2014 KCOR End Patrol
Wed Jan 08 21:22:22 GMT 2014 KCOR Start Synoptic Patrol
Wed Jan 08 21:34:46 GMT 2014 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Wed Jan 8 21:44:03 GMT 2014
Main dome closed.
___end___
Wed Jan 08 21:46:08 GMT 2014 COMP End Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Wed Jan 8 22:30:43 GMT 2014
Light rain blowing in from the east. Both domes are closed.
___end___
KCOR COMMENT BY berkey: Thu Jan 9 01:56:45 GMT 2014
Alice changed the socketcam code. With dark (dome closed) testing it appears the changes didnt break anything.
However we still get socketcam/labview interaction problems with multiple socketcam restarts. It seems to me the issue co
mes from socketcam failing to write a file and labview sort of hanging waiting for the bin file to be created.
___end___
GENERAL OBSERVATORY COMMENT BY berkey: Thu Jan 9 02:10:29 GMT 2014
Raining hard now.
___end___