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--------------------------------------------------------------------------
          Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------
        Fri Jan  9 17:38:23 GMT 2015
Year: 15  Doy: 009
Observer: berkey
WEATHER COMMENT: berkey: Fri Jan  9 17:38:27 GMT 2015
temp 40f, wind 10 mph from SE, clear skies
___end___
Fri Jan 09 17:57:40 GMT 2015 COMP Start Patrol
KCOR COMMENT BY berkey: Fri Jan  9 18:01:21 GMT 2015
Alice updated socketcam last night/early this morning.
___end___
KCOR COMMENT BY berkey: Fri Jan  9 18:03:06 GMT 2015
Getting a lot of SPii errors morning attempting a reboot.
___end___
KCOR COMMENT BY berkey: Fri Jan  9 18:09:12 GMT 2015
Getting circular acqusition errors on socketcam startup.
___end___
KCOR COMMENT BY berkey: Fri Jan  9 18:10:51 GMT 2015
Restarting the labivew observing program let socketcam start properly this time.
___end___
Fri Jan 09 18:14:45 GMT 2015 KCOR Start Synoptic Patrol
KCOR COMMENT BY berkey: Fri Jan  9 18:11:53 GMT 2015
Lots of lagging in socketcam.   Communication with acsmotion suggests that the SPii plus failures we are seeing typically
happen when the client application "hammers" the SPii with to many requests.  Or the comptuer is overtaxed by some process
 with memory leaks or other problems.   Perhaps the lagging and SPI crashes are related and caused by malware or somethign
.
___end___
PSPT COMMENT BY berkey: Fri Jan  9 19:39:15 GMT 2015
Installed the pspt motor.  But there appears to be a wiring issue in need of more troubleshooting since I cant seem to mov
e it left.
___end___
KCOR COMMENT BY berkey: Fri Jan  9 19:40:17 GMT 2015
Stopping the SuperFetch services fixed a lot ofthe lagging.  Since stopping superfetch the biggest lag value I have seen i
s 70
___end___
Fri Jan 09 20:55:44 GMT 2015 COMP End Patrol
Fri Jan 09 20:55:45 GMT 2015 COMP Start Patrol
Fri Jan 09 20:59:26 GMT 2015 KCOR End Patrol
Fri Jan 09 20:59:19 GMT 2015 COMP End Patrol
Fri Jan 09 21:01:56 GMT 2015 COMP Start Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Fri Jan  9 21:02:08 GMT 2015
Realigned sgs
___end___
Fri Jan 09 21:05:05 GMT 2015 KCOR Start Synoptic Patrol
Fri Jan 09 21:05:07 GMT 2015 KCOR End Patrol
Fri Jan 09 21:05:07 GMT 2015 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg.ini
```

Fri Jan 09 21:20:35 GMT 2015 KCOR End Calibration Script
Fri Jan 09 21:20:51 GMT 2015 KCOR Start Synoptic Patrol
Fri Jan 09 21:20:52 GMT 2015 KCOR Start Synoptic Patrol
Fri Jan 09 22:30:00 GMT 2015 KCOR End Patrol
KCOR COMMENT BY berkey: Fri Jan 9 23:14:28 GMT 2015
Tried to take some measurments for the IG. Aft optics box cover was removed and poked around with some tape measures.
___end___
Fri Jan 09 23:15:35 GMT 2015 KCOR Start Synoptic Patrol
Fri Jan 09 23:59:44 GMT 2015 COMP End Patrol
Fri Jan 09 23:59:44 GMT 2015 COMP Start Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Sat Jan 10 00:06:31 GMT 2015
Vog and some cloulds comming up the mountain from the saddle
___end___
Sat Jan 10 00:32:45 GMT 2015 KCOR End Patrol
Sat Jan 10 00:32:44 GMT 2015 COMP End Patrol
Sat Jan 10 00:33:43 GMT 2015 COMP Start Patrol
Sat Jan 10 00:33:59 GMT 2015 KCOR Start Synoptic Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Sat Jan 10 00:33:31 GMT 2015
Realigned SGS
___end___
Sat Jan 10 00:34:30 GMT 2015 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY berkey: Sat Jan 10 00:34:02 GMT 2015
Looks like we are getting enough clouds to degrade kcor
___end___
Sat Jan 10 01:02:37 GMT 2015 KCOR Start Synoptic Patrol
Sat Jan 10 01:28:10 GMT 2015 KCOR End Patrol
Sat Jan 10 01:28:43 GMT 2015 COMP End Patrol
PSPT COMMENT BY berkey: Sat Jan 10 01:28:01 GMT 2015
I think I miss-wired the pspt motor. Dome rotated but there was some smoke from the produrding module (I tihnk there is a
 startup capictor under it), and some sort of liquid (dielectric from the cap?) came out. I hope I didn't ruin a second m
otor; hopefully Allen will know how to get this sorted out.
___end___
GENERAL OBSERVATORY COMMENT BY berkey: Sat Jan 10 01:31:48 GMT 2015
Clouds came in so pausing instruments.
___end___
KCOR COMMENT BY berkey: Sat Jan 10 02:41:38 GMT 2015
With superfetch off (and now disabled) the spii crashes seemed to go away and teh frame lagging was resonable 0-50ish.
 :)
___end___
KCOR COMMENT BY berkey: Sat Jan 10 02:42:22 GMT 2015
Optics box was opened again this afternoon to get a couple more measuremnts for the IG. These measuremnts will drive the n
ew camera mounts to be installed later this year.
___end___