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--------------------------------------------------------------------------------
          Mauna Loa Solar Observatory Observer's Log
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        Mon Nov 12 16:44:15 GMT 2018
Year: 18  Doy: 316
Observer: waters
WEATHER COMMENT: waters: Mon Nov 12 16:48:04 GMT 2018
Temp 34F with windspeed at about 4-10mph from the Southwest. Sky looks clear.
___end___
GENERAL OBSERVATORY COMMENT BY waters: Mon Nov 12 16:49:26 GMT 2018
Shabar was on all night.
___end___
GENERAL COMMENT BY waters: Mon Nov 12 17:20:18 GMT 2018
PM Blew off Kcor O1
___end___
GENERAL OBSERVATORY COMMENT BY waters: Mon Nov 12 17:17:51 GMT 2018
Windows opened upstairs
___end___
GENERAL OBSERVATORY COMMENT BY waters: Mon Nov 12 17:28:26 GMT 2018
K-Cor above dome
___end___
Mon Nov 12 17:33:05 GMT 2018 Kcor Focus/alignment program exited
Mon Nov 12 17:35:41 GMT 2018 KCOR Start Synoptic Patrol
Mon Nov 12 17:35:47 GMT 2018 SGS Alignment complete
KCOR COMMENT BY waters: Mon Nov 12 17:33:13 GMT 2018
Had an exception with K-Cor SPiiPlus this morning. The User Mode driver didn't fix it and restarting KCor computer did not
 help. Restarted the Nema box as well as the K-Cor computer seems to have fix it. Error read as:

Exceptions occured in SPiiPlusCOM660.Channel.1: Code 130, Timeout expired in K-Cor - ACS - Enable.vi->K-Cor - Mechanism -
Get Mech Position - async.vi:2->K-Cor - Mechanism - Get Mech Position-async.vi.ACBRPrpxyCaller.58C0007A
___end___
Mon Nov 12 19:42:20 GMT 2018 KCOR End Patrol
Mon Nov 12 19:42:34 GMT 2018 SGS Alignment complete
Mon Nov 12 19:42:36 GMT 2018 KCOR Start Synoptic Patrol
KCOR COMMENT BY waters: Mon Nov 12 19:41:42 GMT 2018
K-Cor Computer has seemed to freak out a bit. There are about 427 exceptions with SPiiPlus that just popped up right after
 I clicked Science Data again. All but the first were the same message. Now, if I try to do anything, at least two excepti
on messages pop up. On occasion four of the same message pop up but mostly just two. When I hit the okay buttons, they jus
t come back and I'm locked out from the Labview GUIs.
___end___
KCOR COMMENT BY waters: Mon Nov 12 19:51:45 GMT 2018
Luckily, the window for the K-Cor MC4U controller wasn't up and I was able to hit the User-Mode driver for SPiiPlus. Seems
 like I can access the K-Cor GUI and MC4U GUI again.
The error messages I got:
Once - Exception occured in SPiiPlusCOM660.Channel.1: Code 197, Communication server can't be found in K-Cor Mechanism_Dig
ital_Input-async.vi:256->K-Cor Mechanism_Digital_Input-async.vi.ACBRProxyCaller.20A00A4

Multiple - Exception occured in SPiiPlusCOM660.Channel.1: Code 199, UMD is not loaded or its version is incompatible in K-
```

Cor - ACS - Connect.vi->K-Cor - Mechanism - Get Mech Position-async.viACBRProxyCaller.5D50031B

Once - Error 1045 occurred at Unknown System Erro in K-Cor - Mechanism - Generic Mechanism Controller.vi->K-Cor MC4U Contr
oller-Call by reference.vi. Possible reason: Labview: Null Refnum passed to close reference
___end___
KCOR COMMENT BY waters: Mon Nov 12 20:19:47 GMT 2018
Exception SPiiPlus Code 199 cam up again. Went to verifiy that the K-Cor Len's cover was out and it popped up. Hit the Use
r-Mode Driver again and then tested it and it seems to be working okay. Will keep an eye on things.
___end___
Mon Nov 12 21:38:25 GMT 2018 SGS Alignment complete
Mon Nov 12 23:29:04 GMT 2018 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY waters: Mon Nov 12 23:27:12 GMT 2018
Clouds coming in from South as well as from the North, instruments idled
___end___
Mon Nov 12 23:47:55 GMT 2018 KCOR Start Synoptic Patrol
Mon Nov 12 23:51:02 GMT 2018 KCOR End Patrol
Mon Nov 12 23:54:44 GMT 2018 KCOR Start Synoptic Patrol
Tue Nov 13 00:10:42 GMT 2018 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY waters: Tue Nov 13 00:08:25 GMT 2018
Clouds passing, instruments idled
___end___
Tue Nov 13 00:13:43 GMT 2018 KCOR Start Synoptic Patrol
Tue Nov 13 00:16:37 GMT 2018 KCOR End Patrol
Tue Nov 13 00:17:09 GMT 2018 KCOR Start Synoptic Patrol
GENERAL OBSERVATORY COMMENT BY waters: Tue Nov 13 00:12:39 GMT 2018
Sky has gotten bright but pushing through it.
___end___
****EVENT COMMENT BY waters**** : Tue Nov 13 00:20:04 GMT 2018
Throughout the day, there seems to be something happening or changing between PA 50-60 and PA 220-230.
___end___
Tue Nov 13 00:51:30 GMT 2018 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY waters: Tue Nov 13 00:49:32 GMT 2018
Sky getting bright again.
___end___
Tue Nov 13 00:53:09 GMT 2018 KCOR Start Synoptic Patrol
Tue Nov 13 01:05:55 GMT 2018 KCOR End Patrol
Tue Nov 13 01:09:15 GMT 2018 KCOR Start Synoptic Patrol
Tue Nov 13 01:11:23 GMT 2018 KCOR End Patrol
GENERAL OBSERVATORY COMMENT BY waters: Tue Nov 13 01:08:59 GMT 2018
Clouds passing, K-Cor idled.
___end___
GENERAL OBSERVATORY COMMENT BY waters: Tue Nov 13 01:15:04 GMT 2018
Low clouds seem to be heading out way, closed the dome just in case.
___end___
GENERAL OBSERVATORY COMMENT BY waters: Tue Nov 13 01:56:32 GMT 2018
Not too bad a day; aerosols were abundant in the afternoon and the last half hour to an hour, clouds came up but not bad.
___end___
ONSITE STAFF: waters