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--------------------------------------------------------------------------------
          Mauna Loa Solar Observatory Observer's Log
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        Sun Nov 13 16:41:04 GMT 2016
Year: 16  Doy: 318
Observer: waters
WEATHER COMMENT: waters: Sun Nov 13 16:41:11 GMT 2016
Temp 40F with windspeed at about 8mph from the Southeast. Vog looks to be at at least 10,000ft and possible above. Otherwi
se, the sky looks clear this morning.
___end___
Sun Nov 13 17:05:23 GMT 2016 Kcor Focus/alignment program exited
Sun Nov 13 17:13:22 GMT 2016 Kcor Focus/alignment program exited
Sun Nov 13 17:13:29 GMT 2016 Kcor Focus/alignment program exited
Sun Nov 13 17:13:35 GMT 2016 Kcor Focus/alignment program exited
Sun Nov 13 17:14:41 GMT 2016 Kcor Focus/alignment program exited
Sun Nov 13 17:18:10 GMT 2016 CoMP occulter has been re-centered
Sun Nov 13 17:21:13 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk
Sun Nov 13 17:21:47 GMT 2016 SGS Alignment complete
KCOR COMMENT BY waters: Sun Nov 13 16:58:42 GMT 2016
When I opened the Focus.vi on the Kcor computer, I got two different exceptions:

Exception occured in SPiiPlusCOM660.Channel.1: Code 130, Timeout expired in K-Cor - ACS - Enable.vi->K-Cor - Mechanism - G
eneric Mechanism Controller.vi-> Focus.vi

Exception occured in SPiiPlusCOM660.Channel.1: Code 130, Timeout expired in K-Cor - ACS - Enable.vi->K-Cor - Mechanism - G
et Mech Position.vi->K-Cor MC4U Controller.vi

After getting the second error, the computer froze up. I have restarted the computer and as soon as I start the MC4U contr
oller GUI, the second error pops up and if I hit the O1 focus on the Kcor Focus gui, the first and then second error pops
up. This time, only the Focus GUI would freeze. I have adjusted SGS as best as I could but I will try to shut down and res
tart the Kcor computer again to see if by a small chance it'll clear the exceptions.
___end___
Sun Nov 13 17:32:01 GMT 2016 Kcor Focus/alignment program exited
Sun Nov 13 17:33:00 GMT 2016 SGS Alignment complete
KCOR COMMENT BY waters: Sun Nov 13 17:37:33 GMT 2016
Restarting computer did not help. The MC4U exception keeps popping up every 45seconds and the Focus exception pops up when
 I try to do anything in the Kcor Focus GUI except for adjusting the exposure. The computer comppletely froze again when I
 tried to see if the O1 autofocu would work. When Kcor was finally above the dome, the O1 looked like the focus was off, s
o I won't start taking data for Kcor till we are able to get this sorted (hopefully today)...
___end___
Sun Nov 13 18:42:10 GMT 2016 CoMP Paused for clouds
Sun Nov 13 18:42:56 GMT 2016 CoMP Restarted from pause
GENERAL OBSERVATORY COMMENT BY waters: Sun Nov 13 18:39:40 GMT 2016
Some cirrus has come up from the South-Southwest, will keep an eye on it.
___end___
Sun Nov 13 19:33:14 GMT 2016 Kcor Focus/alignment program exited
Sun Nov 13 19:34:27 GMT 2016 SGS Alignment complete
Sun Nov 13 19:34:45 GMT 2016 Kcor Focus/alignment program exited
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Sun Nov 13 19:57:19 GMT 2016 Kcor Focus/alignment program exited
Sun Nov 13 20:01:13 GMT 2016 Kcor Focus/alignment program exited
Sun Nov 13 20:03:19 GMT 2016 COMP End Patrol
Sun Nov 13 20:03:20 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk
Sun Nov 13 20:04:22 GMT 2016 KCOR Start Synoptic Patrol
KCOR COMMENT BY waters: Sun Nov 13 20:00:31 GMT 2016
Talked to Allen, he suggested that I check the cables both in the control room and on the spar. Unforunately there was not
hing visible that I could see. After I was done checking the cord upstairs, I checked the lower Nema box on the East of th
e dome and noticed that the SPiiPlus 3U-LT had a red light that was labeled 'A_ON'. Went back downstairs and shut down th
e Kcor computer, then went upstairs to power down the TOP Nema box. Gave it a good twenty seconds before turning back on t
he TOP Nema box. Went back downstairs and turned on the Kcor computer and starte MC4U controller GUI when the computer was
 ready. The timeout exception didn't pop up this time. Double checked the bottom Nema box upstairs and all the lights were
 green on the SPiiPlus box. I know it took a while to trouble shoot and most of the manuals i could find didn't have much
but Kcor is back up and running again. Thank you Allen for your suggestions, what you said helped me towards the right dir
ection!
___end___
GENERAL OBSERVATORY COMMENT BY waters: Sun Nov 13 20:15:52 GMT 2016
The move the ladder pop up scared me for a sec after my troubles with Kcor...But it's a good alert. Thanks Ben!
___end___
Sun Nov 13 20:27:22 GMT 2016 CoMP Paused for clouds
Sun Nov 13 20:27:26 GMT 2016 KCOR End Patrol
Sun Nov 13 20:27:55 GMT 2016 SGS Alignment complete
Sun Nov 13 20:27:58 GMT 2016 KCOR Start Synoptic Patrol
Sun Nov 13 20:28:02 GMT 2016 CoMP Restarted from pause
Sun Nov 13 20:37:17 GMT 2016 KCOR End Patrol
Sun Nov 13 20:37:59 GMT 2016 KCOR Start Synoptic Patrol
GENERAL OBSERVATORY COMMENT BY waters: Sun Nov 13 20:38:05 GMT 2016
Little bit of very thin cirrus popped up, kcor idled while it passed. Comp looked to be not effected too much, so pushed C
omp through.
___end___
Sun Nov 13 20:48:55 GMT 2016 KCOR End Patrol
Sun Nov 13 20:49:22 GMT 2016 CoMP Paused for clouds
GENERAL OBSERVATORY COMMENT BY waters: Sun Nov 13 20:49:31 GMT 2016
The cirrus that has been just South of the Sun has come up just enough to be in its path. Kcor and Comp idled for a little
 bit.
___end___
Sun Nov 13 20:56:56 GMT 2016 CoMP Restarted from pause
Sun Nov 13 20:57:12 GMT 2016 KCOR Start Synoptic Patrol
Sun Nov 13 21:44:52 GMT 2016 COMP End Patrol
Sun Nov 13 21:45:05 GMT 2016 KCOR End Patrol
Sun Nov 13 21:46:12 GMT 2016 SGS Alignment complete
Sun Nov 13 21:46:59 GMT 2016 CoMP occulter has been re-centered
Sun Nov 13 21:47:01 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk
Sun Nov 13 21:47:08 GMT 2016 KCOR Start Synoptic Patrol
GENERAL OBSERVATORY COMMENT BY waters: Sun Nov 13 21:47:17 GMT 2016
Comp occulter adjusted.
___end___
Sun Nov 13 23:03:48 GMT 2016 KCOR End Patrol

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Sun Nov 13 23:04:14 GMT 2016 CoMP Paused for clouds
Sun Nov 13 23:04:31 GMT 2016 SGS Alignment complete
Sun Nov 13 23:04:43 GMT 2016 KCOR Start Synoptic Patrol
Sun Nov 13 23:04:46 GMT 2016 CoMP Restarted from pause
Sun Nov 13 23:07:07 GMT 2016 COMP End Patrol
Sun Nov 13 23:07:52 GMT 2016 CoMP occulter has been re-centered
Sun Nov 13 23:07:53 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk
GENERAL OBSERVATORY COMMENT BY waters: Sun Nov 13 23:08:07 GMT 2016
Comp occulter adjusted.
___end___
Mon Nov 14 01:48:54 GMT 2016 COMP End Patrol
Mon Nov 14 01:48:54 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk
Mon Nov 14 01:52:33 GMT 2016 KCOR End Patrol
Mon Nov 14 01:52:52 GMT 2016 COMP End Patrol
GENERAL OBSERVATORY COMMENT BY waters: Mon Nov 14 01:59:30 GMT 2016
Besides the hiccup I had with Kcor and a few passing cirrus, today was goregous!
___end___
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