Mauna Loa Solar Observatory Observer's Log _____ Mon Dec 25 16:40:16 GMT 2017 Year: 17 Doy: 359 Observer: waters WEATHER COMMENT: waters: Mon Dec 25 16:40:31 GMT 2017 Temp 36F with windspeed at about 8-12mph from the South. Sky looks clear this fine christmas morning. end GENERAL COMMENT BY waters: Mon Dec 25 17:19:29 GMT 2017 PM Blew off Kcor O1 end GENERAL COMMENT BY waters: Mon Dec 25 17:19:36 GMT 2017 PM Blew off CoMP 01 end Mon Dec 25 17:58:13 GMT 2017 SGS Alignment complete GENERAL OBSERVATORY COMMENT BY waters: Mon Dec 25 17:58:11 GMT 2017 Kcor above the dome. end Mon Dec 25 17:58:41 GMT 2017 CoMP occulter has been re-centered Mon Dec 25 17:59:01 GMT 2017 Kcor Focus/alignment program exited Mon Dec 25 18:00:25 GMT 2017 COMP Start Patrol on cookbook: synoptic-00012.cbk Mon Dec 25 18:06:59 GMT 2017 KCOR Start Synoptic Patrol Mon Dec 25 18:58:45 GMT 2017 KCOR End Patrol Mon Dec 25 18:58:47 GMT 2017 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20171025.ini Mon Dec 25 19:14:06 GMT 2017 KCOR End Calibration Script Mon Dec 25 19:14:23 GMT 2017 KCOR Start Synoptic Patrol Mon Dec 25 19:14:24 GMT 2017 KCOR Start Synoptic Patrol Mon Dec 25 19:35:07 GMT 2017 KCOR End Patrol Mon Dec 25 19:35:07 GMT 2017 COMP End Patrol Mon Dec 25 19:37:01 GMT 2017 SGS Alignment complete Mon Dec 25 19:36:59 GMT 2017 KCOR Start Synoptic Patrol Mon Dec 25 19:37:22 GMT 2017 CoMP occulter has been re-centered Mon Dec 25 19:37:28 GMT 2017 COMP Start Patrol on cookbook: synoptic-00012.cbk Mon Dec 25 21:12:00 GMT 2017 KCOR End Patrol Mon Dec 25 21:12:03 GMT 2017 COMP End Patrol Mon Dec 25 21:13:01 GMT 2017 SGS Alignment complete Mon Dec 25 21:12:59 GMT 2017 KCOR Start Synoptic Patrol Mon Dec 25 21:13:19 GMT 2017 CoMP occulter has been re-centered Mon Dec 25 21:13:24 GMT 2017 COMP Start Patrol on cookbook: waves-00003.cbk Mon Dec 25 22:07:00 GMT 2017 SGS Alignment complete Mon Dec 25 22:45:51 GMT 2017 KCOR End Patrol Mon Dec 25 22:46:13 GMT 2017 COMP End Patrol Mon Dec 25 22:46:35 GMT 2017 SGS Alignment complete Mon Dec 25 22:46:35 GMT 2017 KCOR Start Synoptic Patrol Mon Dec 25 22:47:20 GMT 2017 CoMP occulter has been re-centered Mon Dec 25 22:47:30 GMT 2017 COMP Start Patrol on cookbook: synoptic-00012.cbk GENERAL OBSERVATORY COMMENT BY waters: Mon Dec 25 23:54:44 GMT 2017

Comp warmed up, pausing observations to fill the dewar. end Mon Dec 25 23:55:14 GMT 2017 KCOR End Patrol Mon Dec 25 23:57:56 GMT 2017 COMP End Patrol Tue Dec 26 00:07:27 GMT 2017 CoMP occulter has been re-centered GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 26 00:06:15 GMT 2017 The Comp reservoir didn't need much to fill it back up. Not sure what happened. end Tue Dec 26 00:08:15 GMT 2017 CoMP occulter has been re-centered Tue Dec 26 00:09:32 GMT 2017 SGS Alignment complete Tue Dec 26 00:09:31 GMT 2017 KCOR Start Synoptic Patrol Tue Dec 26 00:09:48 GMT 2017 CoMP occulter has been re-centered Tue Dec 26 00:11:34 GMT 2017 COMP Start Patrol on cookbook: synoptic-00012.cbk Tue Dec 26 00:24:42 GMT 2017 KCOR End Patrol Tue Dec 26 00:24:55 GMT 2017 CoMP Paused for clouds GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 26 00:25:40 GMT 2017 Clouds passing through, instruments idled for a bit. end GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 26 00:44:19 GMT 2017 Some of the clouds look a little low and a bit dark, closing dome just in case. end GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 26 01:20:18 GMT 2017 Fog to the West. ____end____ Tue Dec 26 02:44:13 GMT 2017 CoMP Restarted from pause Tue Dec 26 02:44:16 GMT 2017 COMP End Patrol GENERAL OBSERVATORY COMMENT BY waters: Tue Dec 26 02:54:57 GMT 2017 Could not get doghouse door to stay latched. Currently looked but can be pushed opened with ease. ____end_