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--------------------------------------------------------------------------
           Mauna Loa Solar Observatory Observer's Log
--------------------------------------------------------------------------
           Sat Jan 23 17:21:26 GMT 2016
Year: 16  Doy: 023
Observer: stueben
WEATHER COMMENT: stueben: Sat Jan 23 17:23:08 GMT 2016
Clear, wind south 5-10 mph, temp 45F.
___end___
Sat Jan 23 18:05:46 GMT 2016 KCOR Start Synoptic Patrol
Sat Jan 23 20:02:50 GMT 2016 KCOR End Patrol
Sat Jan 23 20:02:51 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini
Sat Jan 23 20:19:58 GMT 2016 KCOR End Calibration Script
Sat Jan 23 20:20:15 GMT 2016 KCOR Start Synoptic Patrol
Sat Jan 23 20:20:16 GMT 2016 KCOR Start Synoptic Patrol
GENERAL COMMENT BY stueben: Sat Jan 23 21:13:25 GMT 2016
Dome Rotator System was commisioned on Friday in Auto.  Today, Brandon and Allen analyzed timing and duty cycle.  It turns
 out the timer from the original system was a Timer ON delay style relay.  Because the new system "copied" the old system,
 but now runs much slower and smoother, a Timer OFF delay style relay is much more appropriate.

System currently runs fine in AUTO with a duty cycle of around 5 min.  In order to optimize the duty cycle to 20 to 30 min
. the following parts will be purchased and retrofit by Allen in the near future.

TE Timer Relay Part # CHB-38-70011

TE 11 pin relay socket Part # 2-1419106-4

It was also discovered on Friday that 1 of the dome edge sensors didn't survive the dome construction activities.  So a re
placement and spare dome edge sensor will also be ordered.

Questions on this topic should be directed to Brandon and/or Allen.

Thanks,
Brandon.
___end___
Sat Jan 23 21:36:57 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover
Sat Jan 23 21:36:59 GMT 2016 KCOR End Patrol
Sat Jan 23 21:56:17 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover
Sat Jan 23 21:56:19 GMT 2016 KCOR End Patrol
GENERAL COMMENT BY stueben: Sat Jan 23 22:01:46 GMT 2016
Lost spar guiding in dec, nose too heavy, added weight in rear.
___end___
Sat Jan 23 22:01:57 GMT 2016 KCOR Start Synoptic Patrol
GENERAL COMMENT BY stueben: Sun Jan 24 00:13:24 GMT 2016
Adjusted sgs offsets.
___end___
```