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Mauna Loa Solar Observatory Observer's Log  
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Sun Apr 22 16:58:15 GMT 2012

Year: 12 Doy: 113

Observer: koon

WEATHER COMMENT: Sun Apr 22 16:58:16 GMT 2012

Clear sky, wind=10mph from the SE, temp=40F.

\_\_\_\_end\_\_\_\_

Sun Apr 22 17:09:12 GMT 2012 MKIV Start Patrol  
Sun Apr 22 17:09:13 GMT 2012 H-ALPHA Start Patrol  
Sun Apr 22 17:10:31 GMT 2012 CHIP Start Patrol  
Sun Apr 22 17:16:00 GMT 2012 COMP Start Patrol  
Sun Apr 22 18:01:45 GMT 2012 CHIP LSD  
Sun Apr 22 18:03:33 GMT 2012 CHIP End LSD  
Sun Apr 22 18:03:46 GMT 2012 CHIP BiasLSD  
Sun Apr 22 18:04:40 GMT 2012 CHIP End BiasLSD  
Sun Apr 22 18:04:50 GMT 2012 CHIP Bias  
Sun Apr 22 18:05:25 GMT 2012 CHIP End Bias  
Sun Apr 22 18:05:33 GMT 2012 CHIP ReStart Patrol  
Sun Apr 22 18:15:47 GMT 2012: PSPT Start Patrol  
Sun Apr 22 18:20:04 GMT 2012 MKIV End Patrol  
Sun Apr 22 18:20:09 GMT 2012 MKIV Start Cal  
Sun Apr 22 18:38:52 GMT 2012 MKIV End Cal  
Sun Apr 22 19:08:51 GMT 2012 MKIV Start Patrol  
Sun Apr 22 20:24:53 GMT 2012 COMP End Patrol  
Sun Apr 22 20:24:55 GMT 2012 COMP Start Patrol

**\*\*GONG PROBLEM COMMENT BY DARRYL\*\*:** Sun Apr 22 20:57:45 GMT 2012

At 1816 UT the turret was oscillating, the Pitch value was changing in the GONG Expert window at the same time, I clicked on the Pitch button to unhighlight it and watched the Pitch value until it stopped changing, then I clicked on the Pitch button again to highlight it like normal and the oscillations apparently stopped. Maybe it's just a coincidence, but it's worth trying again next time the turret oscillates. The "Guider On" button stayed highlighted throughout the test.

\_\_\_\_end\_\_\_\_

Sun Apr 22 23:02:39 GMT 2012 CHIP LSD  
Sun Apr 22 23:04:25 GMT 2012 CHIP End LSD  
Sun Apr 22 23:04:33 GMT 2012 CHIP BiasLSD  
Sun Apr 22 23:05:10 GMT 2012 CHIP End BiasLSD  
Sun Apr 22 23:05:22 GMT 2012 CHIP Bias  
Sun Apr 22 23:05:53 GMT 2012 CHIP End Bias  
Sun Apr 22 23:06:00 GMT 2012 CHIP ReStart Patrol  
Sun Apr 22 23:32:23 GMT 2012 COMP End Patrol  
Sun Apr 22 23:32:25 GMT 2012 COMP Start Patrol  
Mon Apr 23 01:20:55 GMT 2012 CHIP End Patrol  
Mon Apr 23 01:22:53 GMT 2012 COMP End Patrol  
Mon Apr 23 01:24:54 GMT 2012 H-ALPHA End Patrol

Mon Apr 23 01:26:23 GMT 2012 MKIV End Patrol  
Mon Apr 23 01:28:03 GMT 2012: PSPT Start Patrol  
Mon Apr 23 01:28:11 GMT 2012: PSPT Abort Patrol  
Mon Apr 23 01:53:02 GMT 2012

MkIV

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| 00_00.rawmk4 | 17_18.rawmk4 | 19_32.rawmk4 | 21_10.rawmk4 | 22_44.rawmk4  |
| 00_03.rawmk4 | 17_21.rawmk4 | 19_35.rawmk4 | 21_13.rawmk4 | 22_47.rawmk4  |
| 00_06.rawmk4 | 17_23.rawmk4 | 19_38.rawmk4 | 21_16.rawmk4 | 22_50.rawmk4  |
| 00_09.rawmk4 | 17_26.rawmk4 | 19_41.rawmk4 | 21_19.rawmk4 | 22_53.rawmk4  |
| 00_12.rawmk4 | 17_29.rawmk4 | 19_44.rawmk4 | 21_21.rawmk4 | 22_56.rawmk4  |
| 00_15.rawmk4 | 17_32.rawmk4 | 19_47.rawmk4 | 21_24.rawmk4 | 22_58.rawmk4  |
| 00_18.rawmk4 | 17_35.rawmk4 | 19_50.rawmk4 | 21_27.rawmk4 | 23_01.rawmk4  |
| 00_21.rawmk4 | 17_38.rawmk4 | 19_52.rawmk4 | 21_30.rawmk4 | 23_04.rawmk4  |
| 00_24.rawmk4 | 17_41.rawmk4 | 19_55.rawmk4 | 21_33.rawmk4 | 23_07.rawmk4  |
| 00_27.rawmk4 | 17_44.rawmk4 | 19_58.rawmk4 | 21_36.rawmk4 | 23_10.rawmk4  |
| 00_30.rawmk4 | 17_47.rawmk4 | 20_01.rawmk4 | 21_39.rawmk4 | 23_13.rawmk4  |
| 00_33.rawmk4 | 17_50.rawmk4 | 20_04.rawmk4 | 21_42.rawmk4 | 23_16.rawmk4  |
| 00_35.rawmk4 | 17_53.rawmk4 | 20_07.rawmk4 | 21_45.rawmk4 | 23_19.rawmk4  |
| 00_38.rawmk4 | 17_56.rawmk4 | 20_10.rawmk4 | 21_48.rawmk4 | 23_22.rawmk4  |
| 00_41.rawmk4 | 17_59.rawmk4 | 20_13.rawmk4 | 21_51.rawmk4 | 23_25.rawmk4  |
| 00_44.rawmk4 | 18_02.rawmk4 | 20_16.rawmk4 | 21_54.rawmk4 | 23_28.rawmk4  |
| 00_47.rawmk4 | 18_05.rawmk4 | 20_19.rawmk4 | 21_57.rawmk4 | 23_31.rawmk4  |
| 00_50.rawmk4 | 18_08.rawmk4 | 20_22.rawmk4 | 22_00.rawmk4 | 23_34.rawmk4  |
| 00_53.rawmk4 | 18_11.rawmk4 | 20_25.rawmk4 | 22_03.rawmk4 | 23_37.rawmk4  |
| 00_56.rawmk4 | 18_13.rawmk4 | 20_31.rawmk4 | 22_06.rawmk4 | 23_40.rawmk4  |
| 00_59.rawmk4 | 18_16.rawmk4 | 20_34.rawmk4 | 22_08.rawmk4 | 23_43.rawmk4  |
| 01_02.rawmk4 | 18_23.rawmk4 | 20_37.rawmk4 | 22_11.rawmk4 | 23_46.rawmk4  |
| 01_05.rawmk4 | 18_29.rawmk4 | 20_40.rawmk4 | 22_14.rawmk4 | 23_49.rawmk4  |
| 01_08.rawmk4 | 18_35.rawmk4 | 20_43.rawmk4 | 22_17.rawmk4 | 23_51.rawmk4  |
| 01_11.rawmk4 | 19_08.rawmk4 | 20_46.rawmk4 | 22_20.rawmk4 | 23_54.rawmk4  |
| 01_14.rawmk4 | 19_11.rawmk4 | 20_49.rawmk4 | 22_23.rawmk4 | 23_57.rawmk4  |
| 01_17.rawmk4 | 19_14.rawmk4 | 20_52.rawmk4 | 22_26.rawmk4 | c18_20.rawmk4 |
| 01_20.rawmk4 | 19_17.rawmk4 | 20_55.rawmk4 | 22_29.rawmk4 | c18_26.rawmk4 |
| 01_23.rawmk4 | 19_20.rawmk4 | 20_58.rawmk4 | 22_32.rawmk4 | c18_32.rawmk4 |
| 17_09.rawmk4 | 19_23.rawmk4 | 21_01.rawmk4 | 22_35.rawmk4 |               |
| 17_12.rawmk4 | 19_26.rawmk4 | 21_04.rawmk4 | 22_38.rawmk4 |               |
| 17_15.rawmk4 | 19_29.rawmk4 | 21_07.rawmk4 | 22_41.rawmk4 |               |