
Mauna Loa Solar Observatory Observer's Log

Sat Sep 7 16:54:16 GMT 2002

Year: 02 Doy: 250

Observer: koon

Sat Sep 7 16:58:21 GMT 2002 CHIP Start Patrol

Sat Sep 7 16:58:31 GMT 2002 PICS Start Patrol

WEATHER COMMENT: Sat Sep 7 16:54:16 GMT 2002

Clear sky, no wind, temp=47 F.

Sat Sep 7 17:02:36 GMT 2002 MKIV Start Patrol

PSPT COMMENT: Sat Sep 7 17:16:43 GMT 2002

Observing.

Sat Sep 7 18:03:54 GMT 2002 PICS Flat

Sat Sep 7 18:06:44 GMT 2002 PICS End Flat

Sat Sep 7 19:01:55 GMT 2002 CHIP LSD

Sat Sep 7 19:03:40 GMT 2002 CHIP End LSD

Sat Sep 7 19:03:54 GMT 2002 CHIP BiasLSD

Sat Sep 7 19:04:54 GMT 2002 CHIP End BiasLSD

Sat Sep 7 19:05:07 GMT 2002 CHIP Bias

Sat Sep 7 19:06:04 GMT 2002 CHIP End Bias

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Sat Sep 7 19:10:48 GMT 2002

Sat Sep 7 19:12:20 GMT 2002 MKIV End Patrol

Sat Sep 7 19:12:29 GMT 2002 MKIV Start Cal

Sat Sep 7 19:31:16 GMT 2002 MKIV End Cal

Sat Sep 7 19:34:54 GMT 2002 MKIV Start Patrol

COMMENT: Sat Sep 7 20:41:25 GMT 2002

Extended the dome slot.

Sat Sep 7 22:34:57 GMT 2002 CHIP End Patrol

Sat Sep 7 22:35:25 GMT 2002 PICS End Patrol

GONG PROBLEM Sat Sep 7 22:10:05 GMT 2002

Throughout the day I've tried getting the new media converters to work right. I tried every possible combination of connector order and converter placement using the 2 new converters and the 2 old converters. I've made some progress, I'll list the most significant findings. The old converter setup continues to work. I brought both new converters to MLSO and connected the mlgong-x terminal to our network switch just as the shelter workstation could be connected using 2 new converters, it worked, it connected at 10 Mbps. I also tried connecting each new converter singly using the 100base FX dedicated 100 bps port (like the Groundwinds project uses), it didn't work, but that probably has to do with a setting at the x terminal that should be set to 100 Mbps. Eventually mlgong and mlgong-x need to be set to work at 100 Mbps. I finally got a link going with the 2 new converters up here on mlgong-x by moving the switch-side converter MDI switch from MDI to MDIX and back to MDI, I don't understand why but that toggled something in the auto-configure converters so that they started working correctly. I also cycled that MDI switch at the workstation-side converter a little earlier - I'm not sure if that helped too. But those MDI switches are in the positions that I

originally had them when the converters didn't work for mlgong link. One difference I've seen is that the shelter (mlgong) link lights the REC LED but the mlgong-x link setup lights the 10 LED instead (for 10 Mbps). If the MDI switches aren't in the correct position you don't get either the REC or the 10 LEDs light, so it is easy to figure their correct postions. So it looks like there may need to a change made to some configuration on the mlgong rj45 port to at least get a 10 Mbps connection going with the 2 new converters, then we can return the old converter to NOAA. To use the dedicated 100base FX connection we probably need to set both mlgong and mlgong-x to 100 Mbps speed at their rj45 ports. I now have it working at 10 Mbps using the old GONG converter at the shelter and a new converter up here. Tomorrow I'll try to swap the old converter for a new one again using that strange auto-configure reset method I found where the MDI switches need to be cycled.

Sat Sep 7 22:53:11 GMT 2002

MkIV

17_02.rawmk4	18_07.rawmk4	19_15.rawmk4	20_34.rawmk4	21_43.rawmk4
17_05.rawmk4	18_10.rawmk4	19_21.rawmk4	20_37.rawmk4	21_46.rawmk4
17_08.rawmk4	18_13.rawmk4	19_27.rawmk4	20_40.rawmk4	21_48.rawmk4
17_11.rawmk4	18_16.rawmk4	19_34.rawmk4	20_43.rawmk4	21_51.rawmk4
17_14.rawmk4	18_19.rawmk4	19_37.rawmk4	20_46.rawmk4	21_54.rawmk4
17_17.rawmk4	18_22.rawmk4	19_40.rawmk4	20_49.rawmk4	21_57.rawmk4
17_20.rawmk4	18_25.rawmk4	19_43.rawmk4	20_52.rawmk4	22_00.rawmk4
17_23.rawmk4	18_27.rawmk4	19_46.rawmk4	20_55.rawmk4	22_03.rawmk4
17_26.rawmk4	18_30.rawmk4	19_49.rawmk4	20_58.rawmk4	22_06.rawmk4
17_29.rawmk4	18_33.rawmk4	19_52.rawmk4	21_01.rawmk4	22_09.rawmk4
17_32.rawmk4	18_36.rawmk4	19_55.rawmk4	21_03.rawmk4	22_12.rawmk4
17_35.rawmk4	18_39.rawmk4	19_58.rawmk4	21_06.rawmk4	22_15.rawmk4
17_37.rawmk4	18_42.rawmk4	20_01.rawmk4	21_09.rawmk4	22_18.rawmk4
17_40.rawmk4	18_45.rawmk4	20_04.rawmk4	21_12.rawmk4	22_21.rawmk4
17_43.rawmk4	18_48.rawmk4	20_10.rawmk4	21_15.rawmk4	22_24.rawmk4
17_46.rawmk4	18_51.rawmk4	20_13.rawmk4	21_18.rawmk4	c19_12.rawmk4
17_49.rawmk4	18_54.rawmk4	20_16.rawmk4	21_24.rawmk4	c19_18.rawmk4
17_52.rawmk4	18_57.rawmk4	20_19.rawmk4	21_28.rawmk4	c19_24.rawmk4
17_55.rawmk4	19_00.rawmk4	20_22.rawmk4	21_31.rawmk4	
17_58.rawmk4	19_03.rawmk4	20_25.rawmk4	21_34.rawmk4	
18_01.rawmk4	19_06.rawmk4	20_28.rawmk4	21_37.rawmk4	
18_04.rawmk4	19_09.rawmk4	20_31.rawmk4	21_40.rawmk4	