Mauna Loa Solar Observatory Observer's Log

Mon Mar 13 16:49:36 GMT 2000 Year: 00 Doy: 073 Observer: yasukawa Mon Mar 13 16:50:17 GMT 2000 CHIP Startup--Initializing new tape WEATHER COMMENT: Mon Mar 13 16:50:23 GMT 2000 Cool, clear, brisk southeast wind. Mon Mar 13 16:59:14 GMT 2000 PTCS Start Patrol CHIP Start 7 Passband Patrol Mon Mar 13 16:59:20 GMT 2000 CHIP Mon Mar 13 17:04:54 GMT 2000 Start Patrol MKIV **PICS PROBLEM**: Mon Mar 13 17:43:00 GMT 2000 Seeing split images on PICS Display. Mon Mar 13 18:00:33 GMT 2000 PICS Flat Mon Mar 13 18:03:14 GMT 2000 PTCS End Flat **MKIV PROBLEM**: Mon Mar 13 18:36:21 GMT 2000 18:28 xanim .qif image looks hosed. Raw images look OK. GONG COMMENT: Mon Mar 13 19:04:44 GMT 2000 Going down to GONG to do weekly PM. GONG COMMENT: Mon Mar 13 19:31:54 GMT 2000 Back from GONG. COMMENT: Mon Mar 13 19:32:03 GMT 2000 Guider declination reset itself while I was at GONG shelter =(Used opportunity to reconfigure dome shutter after I returned and discovered the quiding reset. Repointed spar and reset declination. Mon Mar 13 20:03:57 GMT 2000 Gain7 CHIP Mon Mar 13 20:12:21 GMT 2000 CHIP End Gain Mon Mar 13 20:12:37 GMT 2000 CHIP Bias Mon Mar 13 20:13:46 GMT 2000 CHIP End Bias **PSPT PROBLEM**: Mon Mar 13 21:39:23 GMT 2000 I saw the focus stick near the negative limit at 52 again during the 2100 UT series. I did not notice when it began doing this or if it just went there and got stuck--I was on the phone with Liz setting up Agents in the new time card web page. PSPT was finished with the series and last image was fuzzy and fcs position was 52, request was 2000. I tried checking status, home=0, pos limit=1, neg limit=0, and axis 6 status indicated STOP_EVENT...HOME SWITCH ON. I ran thru the other exercises and the fcs did move off the 52 position and I reset it at 500 after clearing the status with "axis 6 limit off" command. This exercise showed that the focus mechanism was not stuck. it could be moved once the limit status were cleared. **PSPT PROBLEM**: Mon Mar 13 22:09:03 GMT 2000 At 2200, PSPT started up. At the fcs goto blue request, position started running into negative territory. I did not hear any motors trying to move. position value kept incrementing in the negative direction until I stopped it with a <ctrl>C. Checked states and status. Home=1, Pos limit=1, Neg limit=1. Status=STOP_EVENT...SOFTWARE NEGATIVE LIMIT REACHED.

I cleared the event and tried reset axis 6, but the position number ran away, continuing in the negative direction. Stopped again with <ctrl>C. Unsure how to proceed from here so stopped with Obs/exit. I will think about this a bit. **CHIP PROBLEM**: Mon Mar 13 22:17:01 GMT 2000 Missed the OK button on the Waiting window and hit Spectrum. Trying to abort this. Mon Mar 13 22:19:49 GMT 2000 ending tape CHIP COMMENT: Mon Mar 13 22:20:46 GMT 2000 Tapes: MKIV: 00-073 PICS: P01691 CHIP: C01072 LOWL: L00676 in drive #1 **PSPT PROBLEM**: Mon Mar 13 22:33:37 GMT 2000 Checked status after shutdown. Message was "RUNNING...OK". In checking different axis 6 parameters, I noticed that the position values were increasing toward zero each time I looked. fcs is running up toward zero, but the motor is NOT running. This is happening in sortware, I suppose. Mon Mar 13 22:37:25 GMT 2000 MkIV 17 04.rawmk4 18 19.rawmk4 19 25.rawmk4 20 30.rawmk4 21 35.rawmk4 17 07.rawmk4 18_22.rawmk4 19 28.rawmk4 20 33.rawmk4 21 38.rawmk4 17 10.rawmk4 18 25.rawmk4 19 30.rawmk4 20 36.rawmk4 21 41.rawmk4 17 13.rawmk4 18 28.rawmk4 19 33.rawmk4 20 39.rawmk4 21 44.rawmk4 17_16.rawmk4 18_31.rawmk4 19_36.rawmk4 20_42.rawmk4 21_47.rawmk4 17_19.rawmk4 18_34.rawmk4 19_39.rawmk4 20_45.rawmk4 21_50.rawmk4 17_22.rawmk4 18 37.rawmk4 19 42.rawmk4 20_48.rawmk4 21 53.rawmk4 17_25.rawmk4 18_40.rawmk4 19 45.rawmk4 20 50.rawmk4 21_56.rawmk4 18_43.rawmk4 17_28.rawmk4 19_48.rawmk4 20_53.rawmk4 21_59.rawmk4 18 46.rawmk4 19 51.rawmk4 20 56.rawmk4 22 02.rawmk4 17 31.rawmk4 17_34.rawmk4 18 49.rawmk4 19 54.rawmk4 20 59.rawmk4 22 05.rawmk4 19 57.rawmk4 17 37.rawmk4 18 52.rawmk4 21 02.rawmk4 22 08.rawmk4 17 40.rawmk4 18 55.rawmk4 20 00.rawmk4 21 05.rawmk4 22 11.rawmk4 17_43.rawmk4 18_58.rawmk4 20_03.rawmk4 21_08.rawmk4 22_13.rawmk4 17 46.rawmk4 19 01.rawmk4 20 06.rawmk4 21 11.rawmk4 22 16.rawmk4 17 49.rawmk4 19 04.rawmk4 20 09.rawmk4 21 14.rawmk4 22 19.rawmk4 19_07.rawmk4 22_22.rawmk4 17_52.rawmk4 20_12.rawmk4 21_17.rawmk4 17 55.rawmk4 19 10.rawmk4 20 15.rawmk4 21 20.rawmk4 c18 04.rawmk4 17 58.rawmk4 19 13.rawmk4 20 18.rawmk4 21 23.rawmk4 c18 10.rawmk4 18_01.rawmk4 19_16.rawmk4 20_21.rawmk4 21 26.rawmk4 c18_16.rawmk4 18 07.rawmk4 19_19.rawmk4 20 24.rawmk4 21 29.rawmk4 18 13.rawmk4 19 22.rawmk4 20 27.rawmk4 21 32.rawmk4