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Mauna Loa Solar Observatory Observer's Log  
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Wed May 21 16:23:45 GMT 2008

Year: 08 Doy: 142

Observer: yasukawa

WEATHER COMMENT: Wed May 21 16:23:56 GMT 2008

Clear, but in light vog that extends above observatory, SW breeze 2 mph,  
temp 39 F.

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

A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed May 21 16:30:31 GMT 2008

Wed May 21 16:30:56 GMT 2008 CHIP Start Patrol

Wed May 21 16:31:10 GMT 2008 PICS Start Patrol

Wed May 21 16:33:39 GMT 2008 PICS End Patrol

\*\*PICS PROBLEM\*\*: Wed May 21 16:35:18 GMT 2008

Program was stalling, Killed, exited program, reset MCC, restarting.

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

\*\*CHIP PROBLEM\*\*: Wed May 21 16:36:06 GMT 2008

ditto CHIP

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

Wed May 21 16:39:23 GMT 2008 PICS Start Patrol

Wed May 21 16:39:24 GMT 2008 CHIP Start Patrol

PSPT COMMENT: Wed May 21 16:40:35 GMT 2008

Starting up.

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

\*\*PICS PROBLEM\*\*: Wed May 21 16:41:52 GMT 2008

PICS still stalling at H-alpha.disc and CHIP stalling at  
Accumulating.

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

Wed May 21 16:46:59 GMT 2008 MKIV Start Patrol

\*\*PICS PROBLEM\*\*: Wed May 21 16:47:37 GMT 2008

Both PICS and CHIP show a WaitCrun process where the stall is  
likely occurring.

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

\*\*PICS PROBLEM\*\*: Wed May 21 16:54:25 GMT 2008

rebooting kii and nene

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

PSPT COMMENT: Wed May 21 16:54:58 GMT 2008

Observing.

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

Wed May 21 16:59:18 GMT 2008 PICS Start Patrol

Wed May 21 17:03:39 GMT 2008 CHIP Start Patrol

\*\*PICS PROBLEM\*\*: Wed May 21 17:26:02 GMT 2008

Both PICS and CHIP display message:

cannot read /local/d/Data/s21

before the Hello from Program line at startup (Run).

Checking with Alice about the significance and possible link to  
program stalls.

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

Wed May 21 18:03:50 GMT 2008 MKIV End Patrol  
Wed May 21 18:03:56 GMT 2008 MKIV Start Cal  
Wed May 21 18:07:18 GMT 2008 PICS End Patrol  
Wed May 21 18:07:22 GMT 2008 CHIP End Patrol

COMMENT: Wed May 21 18:08:52 GMT 2008

End Patrol logs above for PICS and CHIP are due to endp and endc commands to end the email messages and hoike alert displays. PICS and CHIP are currently and have been in stall mode awaiting problem resolution.

We believe some old code was removed and necessary code(s) may have inadvertently been removed with the unnecessary stuff. Alice is looking at old code to determine what those programs might be.....  
e.g. "s21" is no longer found in /Data and the startup program Run apparently is looking for it.

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

**\*\*CHIP PROBLEM\*\***: Wed May 21 18:18:51 GMT 2008

David determined that Crunch wasn't working because one of the routines that looks at polarizations data got removed. He put it back in and we are now retrying obs after killing all the tasks and restarting (Run).

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

Wed May 21 18:20:51 GMT 2008 CHIP Start Patrol  
Wed May 21 18:22:38 GMT 2008 MKIV End Cal  
Wed May 21 18:22:44 GMT 2008 MKIV Start Patrol

**\*\*CHIP PROBLEM\*\***: Wed May 21 18:22:03 GMT 2008

CHIP Patrol started, program went thru:Setting 9 0

Setting 9 0

No Tape

Setting 9 0

1082.847

and then stalled. It went thru Init and is stalled on Exposures.

WaitCame is showing in task list.

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

**\*\*CHIP PROBLEM\*\***: Wed May 21 18:31:15 GMT 2008

Shutting down CHIP and restarting like it's a new day.

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

Wed May 21 18:34:25 GMT 2008 PICS End Patrol  
Wed May 21 18:34:29 GMT 2008 CHIP End Patrol  
Wed May 21 18:35:55 GMT 2008 CHIP Start Patrol

**\*\*CHIP PROBLEM\*\***: Wed May 21 18:37:04 GMT 2008

Restarting did not fix problem. Same message lines on cmdtool, same stall point on Status -- Exposures.

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

Wed May 21 18:47:11 GMT 2008 PICS Start Patrol

**\*\*PICS PROBLEM\*\***: Wed May 21 18:55:12 GMT 2008

Tried PICS and it failed in Exposure

Alice and David looked into processes and fixed a camera function.

Rebooting kii and nene and trying again.

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

Wed May 21 18:59:40 GMT 2008 CHIP End Patrol  
Wed May 21 18:59:43 GMT 2008 PICS End Patrol

PICS COMMENT: Wed May 21 19:00:39 GMT 2008  
PICS rebooted, retrying startup and Patrol.  
\_\_\_\_end\_\_\_\_

CHIP COMMENT: Wed May 21 19:01:46 GMT 2008  
Ditto for CHIP

\_\_\_\_end\_\_\_\_  
Wed May 21 19:02:49 GMT 2008 PICS Start Patrol  
Wed May 21 19:03:32 GMT 2008 CHIP Start Patrol

PICS COMMENT: Wed May 21 19:04:30 GMT 2008  
PICS is running! Fix worked!

\_\_\_\_end\_\_\_\_  
CHIP COMMENT: Wed May 21 19:04:56 GMT 2008  
CHIP is running! Fix worked!

\_\_\_\_end\_\_\_\_  
Wed May 21 19:30:51 GMT 2008 CHIP End Patrol  
Wed May 21 19:31:03 GMT 2008 PICS End Patrol

COMMENT: Wed May 21 19:31:21 GMT 2008  
reconfiguring dome shutter.

\_\_\_\_end\_\_\_\_  
Wed May 21 19:33:34 GMT 2008 MKIV End Patrol  
Wed May 21 19:37:41 GMT 2008 MKIV Start Patrol  
Wed May 21 19:37:58 GMT 2008 CHIP Start Patrol  
Wed May 21 19:38:10 GMT 2008 PICS Start Patrol

NICE MK4 IMAGE: 1807  
NICE PICSLIMB IMAGE: 1947  
NICE PICSDISC IMAGE: 1947  
NICE CHIP IMAGE: 1947

WEATHER COMMENT: Wed May 21 21:06:08 GMT 2008  
Orographic clouds.

\_\_\_\_end\_\_\_\_  
Wed May 21 21:27:06 GMT 2008 CHIP End Patrol  
Wed May 21 21:29:33 GMT 2008 MKIV End Patrol  
Wed May 21 21:36:49 GMT 2008 PICS End Patrol

WEATHER COMMENT: Wed May 21 21:40:49 GMT 2008  
Closed domes as a precaution.

\_\_\_\_end\_\_\_\_  
\*\*PSPT PROBLEM\*\*: Wed May 21 21:41:04 GMT 2008  
5/16-18 x 1-1/2 bolt on dome flap crank's head was stripped. Replaced it.

\_\_\_\_end\_\_\_\_  
Thu May 22 01:48:32 GMT 2008  
MkIV

16_47.rawmk4	17_42.rawmk4	18_49.rawmk4	19_49.rawmk4	20_45.rawmk4
16_50.rawmk4	17_45.rawmk4	18_52.rawmk4	19_52.rawmk4	20_48.rawmk4
16_52.rawmk4	17_48.rawmk4	18_55.rawmk4	19_55.rawmk4	20_51.rawmk4
16_55.rawmk4	17_51.rawmk4	18_58.rawmk4	19_58.rawmk4	20_54.rawmk4

16_58.rawmk4	17_54.rawmk4	19_00.rawmk4	20_01.rawmk4	20_56.rawmk4
17_01.rawmk4	17_57.rawmk4	19_03.rawmk4	20_04.rawmk4	20_59.rawmk4
17_04.rawmk4	18_00.rawmk4	19_06.rawmk4	20_07.rawmk4	21_02.rawmk4
17_07.rawmk4	18_07.rawmk4	19_09.rawmk4	20_10.rawmk4	21_05.rawmk4
17_10.rawmk4	18_13.rawmk4	19_12.rawmk4	20_12.rawmk4	21_08.rawmk4
17_13.rawmk4	18_19.rawmk4	19_15.rawmk4	20_15.rawmk4	21_11.rawmk4
17_16.rawmk4	18_22.rawmk4	19_18.rawmk4	20_18.rawmk4	21_14.rawmk4
17_19.rawmk4	18_25.rawmk4	19_21.rawmk4	20_21.rawmk4	21_17.rawmk4
17_22.rawmk4	18_28.rawmk4	19_24.rawmk4	20_24.rawmk4	21_20.rawmk4
17_25.rawmk4	18_31.rawmk4	19_27.rawmk4	20_27.rawmk4	21_23.rawmk4
17_28.rawmk4	18_34.rawmk4	19_30.rawmk4	20_30.rawmk4	21_26.rawmk4
17_31.rawmk4	18_37.rawmk4	19_37.rawmk4	20_33.rawmk4	c18_03.rawmk4
17_34.rawmk4	18_40.rawmk4	19_40.rawmk4	20_36.rawmk4	c18_10.rawmk4
17_37.rawmk4	18_43.rawmk4	19_43.rawmk4	20_39.rawmk4	c18_16.rawmk4
17_40.rawmk4	18_46.rawmk4	19_46.rawmk4	20_42.rawmk4	