

Centered 01.
$\qquad$
NICE MK4 IMAGE: 1841
NICE CHIP IMAGE: 1841
NICE PICSDISC IMAGE: 1842
NICE PICSLIMB IMAGE: 1840
A NEW TAPE HAS BEEN PUT INTO KAIEE DLT DRIVE, Wed Feb 16 20:04:02 GMT 2005
GONG COMMENT: Wed Feb 16 20:38:26 GMT 2005
GONGsters, Ron, Bert, and Candido arrived on site.
$\qquad$ end
PSPT COMMENT: Wed Feb 16 20:41:12 GMT 2005
Stopped observations after flat field stuff finished and GONGsters
got our of here to swap narrow CaK filters.
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PSPT COMMENT: Wed Feb 16 20:49:35 GMT 2005
Narrow CaK \#1 filter removed, narrow CaK \#2 installed at position 4600.
Restarted Daily observations.
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MKIV COMMENT: Wed Feb 16 21:01:04 GMT 2005
Centered 01.
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MKIV COMMENT: Wed Feb 16 22:02:31 GMT 2005
Centered 01.
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MKIV COMMENT: Wed Feb 16 23:04:21 GMT 2005
Centered 01.
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MKIV COMMENT: Thu Feb 17 00:02:56 GMT 2005
Centered 01 .
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COMMENT: Thu Feb 17 00:15:48 GMT 2005
Declination reset itself. Repointed spar and reset guider.
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MKIV COMMENT: Thu Feb 17 01:08:31 GMT 2005
Centered 01.
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**PICS PROBLEM**: Thu Feb 17 02:11:15 GMT 2005
Just saw Halle filter timeout on the way in. Image was OK so it was
in for all practical purposes before it timed out.
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**PICS PROBLEM**: Thu Feb 17 02:12:52 GMT 2005
Next disk cycle was OK.
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**PICS PROBLEM**: Thu Feb 17 02:15:49 GMT 2005
Halle filter timed out again. Status LEDs did not go on indicating
the filter did not get the limit switch or the limit switch is flaky.
Image was OK--filter was mostlu in.
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**PICS PROBLEM**: Thu Feb 17 02:21:55 GMT 2005
Timed Halle in to timeout and it took the full 20 seconds before the timeout (button turned red) indication went on.
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Thu Feb 17 02:27:47 GMT 2005 CHIP End Patrol
Thu Feb 17 02:31:06 GMT 2005
Thu Feb 17 02:37:43 GMT 2005
End Patrol
**PICS PROBLEM**: Thu Feb 17 02:39:33 GMT 2005
After shutting down, I let PICS continue and swung spar over to morning position. The Halle filter had been timing out consistently (albeit the images were OK)since 0215 UT. The first disk optics setup routine after the swing was good as well as the subsequent setups. Appears gravity may have an effect on the Halle IN motion -- driving uphill.
end
Thu Feb 17 02:51:30 GMT 2005
Mk IV

|  | 01_52.rawmk4 |
| :---: | :---: |
| 00_02.rawmk 4 | 01_55.rawmk 4 |
| 00_05.rawmk 4 | 01_58.rawmk 4 |
| 00_08.rawmk 4 | 02_01.rawmk 4 |
| 00_11.rawmk 4 | 02_04.rawmk 4 |
| 00_14.rawmk 4 | 02_07.rawmk 4 |
| 00_17.rawmk 4 | 02_10.rawmk 4 |
| 00_20.rawmk 4 | 02_13.rawmk 4 |
| 00_23.rawmk 4 | 02_16.rawmk 4 |
| 00_26.rawmk 4 | 02_19.rawmk 4 |
| 00_29.rawmk 4 | 02_22.rawmk 4 |
| 00_32.rawmk 4 | 02_24.rawmk 4 |
| 00_35.rawmk 4 | 02_27.rawmk 4 |
| 00_38.rawmk 4 | 17_27.rawmk 4 |
| 00_41.rawmk 4 | 17_30.rawmk 4 |
| 00_44.rawmk 4 | 17_33.rawmk 4 |
| 00_47.rawmk 4 | 17_35.rawmk 4 |
| 00_49.rawmk 4 | 17_38.rawmk 4 |
| 00_55.rawmk 4 | 17_41.rawmk 4 |
| 00_59.rawmk 4 | 17_44.rawmk 4 |
| 01_02.rawmk 4 | 17_47.rawmk 4 |
| 01_05.rawmk 4 | 17_50.rawmk 4 |
| 01_08.rawmk 4 | 17_53.rawmk 4 |
| 01_11.rawmk 4 | 17_56.rawmk 4 |
| 01_14.rawmk 4 | 17_59.rawmk 4 |
| 01_17.rawmk 4 | 18_02.rawmk 4 |
| 01_20.rawmk 4 | 18_05.rawmk 4 |
| 01_23.rawmk 4 | 18_08.rawmk 4 |
| 01_26.rawmk 4 | 18_11.rawmk 4 |
| 01_29.rawmk 4 | 18_14.rawmk 4 |


| 18_41.rawmk 4 |
| :---: |
| 18_47.rawmk 4 |
| 18_54.rawmk 4 |
| 18_57.rawmk 4 |
| 19_00.rawmk 4 |
| 19_03.rawmk 4 |
| 19_06.rawmk 4 |
| 19_09.rawmk 4 |
| 19_12.rawmk 4 |
| 19_15.rawmk 4 |
| 19_18.rawmk 4 |
| 19_20.rawmk 4 |
| 19_23.rawmk 4 |
| 19_26.rawmk 4 |
| 19_29.rawmk 4 |
| 19_32.rawmk 4 |
| 19_35.rawmk 4 |
| 19_38.rawmk 4 |
| 19_41.rawmk 4 |
| 19_44.rawmk 4 |
| 19_47.rawmk 4 |
| 19_50.rawmk 4 |
| 19_53.rawmk 4 |
| 19_56.rawmk 4 |
| 19_59.rawmk 4 |
| 20_02.rawmk 4 |
| 20_05.rawmk 4 |
| 20_08.rawmk 4 |
| 20_10.rawmk 4 |
| 20_13.rawmk 4 |


| 20_37.rawmk 4 | 22 |
| :---: | :---: |
| 20_40.rawmk 4 | 22_28.rawmk 4 |
| 20_43.rawmk 4 | 22_31.rawmk 4 |
| 20_46.rawmk 4 | 22_34.rawmk 4 |
| 20_49.rawmk 4 | 22_37.rawmk 4 |
| 20_52.rawmk 4 | 22_40.rawmk 4 |
| 20_54.rawmk 4 | 22_43.rawmk 4 |
| 20_57.rawmk 4 | 22_46.rawmk 4 |
| 21_00.rawmk 4 | 22_49.rawmk 4 |
| 21_03.rawmk 4 | 22_52.rawmk 4 |
| 21_06.rawmk 4 | 22_55.rawmk 4 |
| 21_09.rawmk 4 | 22_58.rawmk 4 |
| 21_12.rawmk 4 | 23_01.rawmk 4 |
| 21_15.rawmk 4 | 23_04.rawmk 4 |
| 21_18.rawmk 4 | 23_07.rawmk 4 |
| 21_21.rawmk 4 | 23_10.rawmk 4 |
| 21_24.rawmk 4 | 23_13.rawmk 4 |
| 21_27.rawmk 4 | 23_15.rawmk 4 |
| 21_30.rawmk 4 | 23_18.rawmk 4 |
| 21_33.rawmk 4 | 23_21.rawmk 4 |
| 21_36.rawmk 4 | 23_24.rawmk 4 |
| 21_39.rawmk 4 | 23_27.rawmk 4 |
| 21_41.rawmk 4 | 23_30.rawmk 4 |
| 21_44.rawmk 4 | 23_33.rawmk 4 |
| 21_47.rawmk 4 | 23_36.rawmk 4 |
| 21_50.rawmk 4 | 23_39.rawmk 4 |
| 21_53.rawmk 4 | 23_42.rawmk 4 |
| 21_56.rawmk 4 | 23_45.rawmk 4 |
| 21_59.rawmk 4 | 23_48.rawmk 4 |
| 2_02.raw | 23_51.rawmk 4 |


| 01_32.rawmk 4 | 18_17.rawmk 4 | 20_16.rawmk 4 | 22_05.rawmk 4 | 23_54.rawmk 4 |
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| 01_34.rawmk 4 | 18_20.rawmk 4 | 20_19.rawmk 4 | 22_08.rawmk 4 | 23_57.rawmk 4 |
| 01_37.rawmk 4 | 18_22.rawmk 4 | 20_22.rawmk 4 | 22_11.rawmk 4 | c18_38.rawmk 4 |
| 01_40.rawmk 4 | 18_25.rawmk 4 | 20_25.rawmk 4 | 22_14.rawmk4 | c18_44.rawmk 4 |
| 01_43.rawmk 4 | 18_28.rawmk 4 | 20_28.rawmk 4 | 22_17.rawmk4 | c18_50.rawmk 4 |
| 01_46.rawmk 4 | 18_31.rawmk 4 | 20_31.rawmk 4 | 22_20.rawmk4 |  |
| 01_49.rawmk 4 | 18_34.rawmk 4 | 20_34.rawmk 4 | 22_23.rawmk 4 |  |

