

SDO HMI Weekly Report
Week of Monday, June 7, 2010 through Sunday, June 13, 2010

Weekly Calibration Results

- Thursday June 10, 2010 @ 10 am PST
- 1) Obs mode flat field (FTS 3001): 17:37:00 UT, FSN 6488930
 perf hmi_err_flat_script, no diag, default focus, wave=500, pol=410, 24 px
 (Note: there were more than one set of flats taken due to halted screen.)
 - 2) Detunes: 17:50:38 UT, FSN 6489368
 perf hmi_sq_one_shot, FTS = 3007
 - 3) Clock adjust: 17:54:46 UT incremented rate from 0x80026f to 0x800270
 - 4) Cal mode flat fields (FTS 3002): 17:57:18 UT, FSN 6489580
 perf hmi_err_flat_script, no diag, calmode focus, wave=500, pol=410, 24 px
 - 5) Focus sweep: 17:59:33, FSN 6489655
 perf hmi_sq_one_shot, FTS = 3003
 - 6) Obs mode flat field (2) (FTS 3001): 18:06:20 UT, FSN 6489869
 perf hmi_err_flat_script, no diag, default focus, wave=500, pol=410, 24 px

PZT Flatfields

No addition PZT flat fields performed outside of the weekly Calibration

Anomalies?

None

Limit violations?

None

Clock Adjustments

Date/Time of Adjust	S/C Time Offset	Inst Clock Time	Increment Rate
June 9, 2010 @19:35 UT	-9.97 ms	6.6 ms fast wrt SC 16.6 ms fast wrt G	From 0x800270 to 0x80026f
June 10, 2010 @17:54 UT	-16 ms fast	1.1 ms slow wrt SC 15 ms fast wrt G	from 0x80026f to 0x800270

Thermal Adjustments

None

Sequencer Changes

None: HMI continues to run FTS 1001 at priority 7 and 2001 at priority 5

Date/Time of Change	New Sequence	Notes
NA		

S/C Calibrations/Maneuvers

None

Pointing Adjustments

None

Long term Trends

Corrupt Image FSN 469769216 (**0x1C001C000**) occurrence(s):

1) None

Loads

None

Plans for next week

Tweak heater duty cycle (zones 1, 2, 3)

Tweak clock to keep up with S/C

Weekly calibration