

**SDO HMI Weekly Report**  
**Week of Monday, July 5, 2010 through Sunday, July 11, 2010**  
**Z. Frank**

Weekly Calibration Results

Wednesday July 7, 2010 @ 11:45 am PST

- 1) Obs mode flat field, FTS 3001, 18:44:51 UT, FSN 7735252
- 2) Cal mode flat field, FTS 3002, 18:49:01 UT, FSN 7735399
- 3) Focus sweep, FTS 3003, 18:53:33 UT, FSN 7735540
- 4) Obs mode flat field (2) FTS 3001, 18:58:00 UT, FSN 7735683
- 5) Detune, FTS 3007, 19:09:16 UT, FSN 7736044

Additional Operations

None

PZT Flatfields

No addition PZT flat fields performed outside of the weekly calibration

Anomalies?

None

Limit violations?

Note: no violations but weekly ANS test messages started at 18:00 UT today.

Clock Information

Date/Time	S/C Time Offset	Inst Clock Time	S/C or Inst. Adjustment?
July 5, 2010 @00:00 UT	-12.0 ms fast	-4.0 ms slow wrt SC 8 ms fast wrt G	No change
July 6, 2010 @18:43 UT	-16.6 ms fast	+4.9 ms fast wrt SC 21.6 ms fast wrt G	HMI 0x800271 to 0x800270
July 7, 2010 @00:00 UT	-20.0 ms fast	+1.4 ms fast wrt SC 21.4 ms fast wrt G	No change
July 8, 2010 @00:00 UT	-21 ms fast	-4.0 ms slow wrt SC 17.0 ms fast wrt G	No change
July 9, 2010 @00:00 UT	-22.75 ms fast	-9.2 ms slow wrt SC 13.55 ms fast wrt G	No change
July 10, 2010 @00:00 UT	-22.6 ms fast	-12.2 slow wrt SC 10.4 fast wrt G	No change
July 11, 2010 @00:00 UT	-23.4 ms fast	-16.4 slow wrt SC 7.0 ms fast wrt G	No change

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**) occurrences (this week / mission to date):

1) 0/5

Loads

None