

**SDO HMI Weekly Report**  
**Week of Monday, July 19, 2010 through Sunday, July 25, 2010**  
**Z. Frank**

Weekly Calibration Results

Wednesday July 21, 2010 @ 12:45 pm PST

- 1) Detunes, FTS 3007, 19:43:00 UT, FSN 8379616
- 2) Obs mode flat field, FTS 3001, 19:47:33 UT, FSN 8379761
- 3) Cal mode flat field, FTS 3002, 19:52:00 UT, FSN 8379904
- 4) Focus sweep, FTS 3003, 19:56:33 UT, FSN 8380049
- 5) Obs mode flat field (2), FTS 3001, 20:00:01 UT, FSN 8380192

Additional Operations

None

PZT Flatfields

None

Anomalies?

None

Limit violations?

None

Clock Information

Date/Time	S/C Time Offset	HMI wrt S/C	HMI wrt GND	S/C or Inst. Adustment?
7/19/20 @00:00 UT	+2.5 ms slow	-5 ms slow	7.5 ms slow	No change
7/20/10 @00:00 UT				
7/21/10 @16:24 UT	0 ms	-15.0 ms slow	15.0 ms slow	S/C to zero
7/22/10 @00:00 UT				
7/23/10 @18:00 UT	+3.2 ms slow	-17.8 ms slow	21.0 ms slow	HMI from 0x800270 to 0x800271
7/24/10 @00:00 UT	+3 ms slow	-16.5 ms slow	19.5 ms slow	No change
7/25/10 @00:00 UT	+4 ms slow	-9.5 ms slow	13.5 ms slow	No change

Thermal Adjustments

Changed deadband heater set temperatures for heater zones 1, 2, and 3 to:

High = 28.5 deg C

Target = 27.5 deg C

Low = 26.5 deg C

This is an increase of 0.5 deg C from previous limits.

Sequencer Changes

None

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) 1/6 (image at 2010-07-25 @ 23:09:10 UT)

Loads

None