

SDO HMI Weekly Report
Week of Monday, June 21, 2010 through Sunday, June 27, 2010
Z. Frank

Weekly Calibration Results

Wednesday June 23, 2010 @ 11 am PST

- 1) Leg alignment, initial AL1 67, AL2 54, 1st pass: 17:59:00 UT, FSN 7088700, AL1 64, AL2 54, 2nd pass: 18:00:10 UT, FSN 7088735, AL1 66, AL2 54
- 2) Obs mode flat field, FTS 3001, 18:04:00 UT, FSN 7088837
- 3) Cal mode flat field, FTS 3002, 18:08:35 UT, FSN 7088980
- 4) Focus sweep, FTS 3003, 18:13:04 UT, FSN 7089125
- 5) Obs mode flat field (2) FTS 3001, 18:17:32 UT, FSN 7089268
- 6) Clock drift rate adjust, 18:20:36 UT
perf sdo_time, 0x800272 to 0x800270
- 7) Detune, FTS 3007, 18:28:48 UT, FSN 7089629

Additional Operations

No additional as of 6/23/10

PZT Flatfields

No addition PZT flat fields performed outside of the weekly Calibration

Anomalies?

None

Limit violations?

None

Clock Information

Date/Time	S/C Time Offset	Inst Clock Time	S/C or Inst. Adjustment?
June 21, 2010 @16:09 UT	--8.1 ms fast	-35.4 ms slow wrt SC 27.5 ms slow wrt G	No change
June 22, 2010 @18:44 UT	-10.6 ms fast	-42 ms slow wrt SC 31.4 ms slow wrt G	HMI 0x800270 to 0x800272
June 23, 2010 @17:57 UT	-10.3 ms fast	-27.0 ms slow wrt SC 16 ms slow wrt G	HMI 0x800272 to 0x800270
June 24, 2010 @18:53 UT	-10 ms fast	-30.5 ms slow wrt SC 20.5 ms slow wrt G	HMI 0x800270 to 0x800272
June 25, 2010 @12:00 UT	Reset to 0	-9 ms slow wrt SC 9 ms slow wrt G	SC reset to 0 HMI 0x800272 to 0x800270
June 26, 2010 @17:00 UT	-3 ms fast		No change
June 27, 2010 @17:00 UT	-4 ms fast	-1.54 slow wrt SC 2.5 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

Leg alignment, initial AL1 67, AL2 54

1st pass: 17:59:00 UT, FSN 7088700, AL1 64, AL2 54

2nd pass: 18:00:10 UT, FSN 7088735, AL1 66, AL2 54

Long term Trends

Corrupt Image FSN 469769216 (**0x1C001C000**) occurrences (this week / mission to date):

1) 0/5

Loads

None