

SDO HMI Weekly Report
Week of Monday, August 9, 2010 through Sunday, August 15, 2010
Z. Frank

Weekly Calibration Results

Wednesday August 11, 2010 @ 11:30 am PST

- 1) Obs mode flat field, FTS 3001, 18:37:50 UT, FSN 9345209
 - 2) Cal mode flat field, FTS 3002, 18:44:35 UT, FSN 9345425
 - 3) Focus sweep (reduced, 8-14), FTS 3000, 18:49:01 UT, FSN 9345568
 - 4) Clock increment change, 0x800270 to 0x800271, 18:52:50 UT
 - 5) Obs mode flat field (2), FTS 3001, 18:55:51 UT, FSN 9345785
- No clock adjustment, no leg alignment.

Additional Operations

Loaded and tested the framelist and scripts (7003 & 9060) for the Regulus offpoint from August 13 @ 18:00UT to 19:00UT.

Anomalies?

None

Limit violations?

None

Clock Information

Date/Time	S/C Time Offset +slow	HMI wrt S/C +fast	HMI wrt GND	S/C or Inst. Adustment?
8/9/10 @00:00 UT	-7.8 ms fast	-14.25 ms slow	6.45 ms slow	No change
8/10/10 @18:45 UT	-12.1 ms fast	-28.0 ms slow	15.9 ms slow	No change
8/11/10 @18:52 UT	-14.3 ms fast	-35.5 ms slow	21.2 ms slow	HMI from 0x800270 to 0x800271
8/12/10 @00:00 UT	-14.0 ms fast	-35.3 ms slow	21.3 ms slow	No change
8/13/10 @04:00 UT	-14.0 ms fast	-32.7 ms slow	17.8 ms slow	No change
8/14/10 @00:00 UT	-17.0 ms fast	-32.6 ms slow	15.6 ms slow	No change
8/15/10 @00:00 UT	-19.0 ms fast	-31.5 ms slow	12.5 ms slow	No change

Thermal Adjustments

None

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) 1/9 (corrupt image at 2010/08/10 @ 01:26:45 UT)

Loads

Scripts for Regulus offpoint. Offpoint scheduled for August 23 @ 05:30 UT.