SDO HMI Internal Weekly On-Orbit Report

Week of Monday, June 13, 2011 through Sunday, June 19, 2011

Summary

HMI successfully performed its weekly calibrations on Tuesday, June 14th (obs-mode flatfield) and on Wednesday, June 15th, (obs-mode flatfield, cal-mode flatfield, full focus sweep, using timed scripts. HMI is performing nominally.

Weekly Calibrations

Calibration	Date/Time	Script	Ran by	Notes
Flat field (observation mode-1)	14-Jun-11 19:00 UT	2701	Timed Script	
Flat field (observation mode-1)	15-Jun-11 19:00 UT	2701	Timed Script	
Flat field (calibration mode)	15-Jun-11 19:08 UT	2702	Timed Script	
Full focus sweep	15-Jun-11 19:16 UT	2705	Timed Script	

Loads
None

Thermal Adjustments
None

S/C Calibrations/Maneuvers
None

Additional Operations
None

Instrument Anomalies
None

Limit violations
None

Clock Adjustments

Date/Time (UT)	HMI WRT ground (ms)	Adjustment
06/15/11 @ 21:43	-12	HMI from 0x80026f to 0x800270
06/17/11 @ 20:48	+6.2	HMI from 0x800270 to 0x80026f

Long term Trends

1. **Corrupt Image FSN 469769216 (0x1C001C000)**
   Occurrences this week: None
   Occurrences to date: 34

2. **Corrupt Image FSN 9175180 (0x008C008C)**
   Occurrences this week: None
   Occurrences to date: 2

Other
1. **Audi Outage**
   15-Jun-2011
   AUDI went down unexpectedly between 05:00 and 17:30 UT due to server issues at the MOC, causing a telemetry dropout on the JSOC IOC-MON and AIASDP-MON machines during this time period.