

HMI Weekly Report Summaries: January 2011

Week of Monday, January 3, 2011 through Sunday, January 9, 2011

HMI successfully performed their weekly calibrations on Tuesday, January 4th (observation mode-1) and on Wednesday, January 5th (flatfield calibration/observation mode-2, full focus sweep, detune) using timed scripts. There were three nominal clock adjustments made this week. There were two occurrences of the FSN 469769216 type corrupt images (on-orbit total of 21). HMI continues to perform nominally.

On Thursday, routine commanding was successfully conducted from the MOC workstations.

Week of Monday, January 10, 2011 through Sunday, January 16, 2011

HMI successfully performed their weekly calibrations on Tuesday, January 11th (observation mode-1) and on Wednesday, January 12th (flatfield calibration/observation mode-2, full focus sweep) using timed scripts. There was one nominal clock adjustment made this week. Retuned maneuver script STOLs loaded and tested successfully. HMI continues to perform nominally.

On Thursday, the EVE FOV and AIA/HMI Flatfields Instrument Maneuvers took place with no issues for AIA or HMI. Results will be analyzed in the near future.

Week of Monday, January 17, 2011 through Sunday, January 23, 2011

HMI successfully performed their weekly calibrations on Tuesday, January 18th (observation mode-1) and on Wednesday, January 19th (flatfield calibration/observation mode-2, full focus sweep, detune) using timed scripts. There were 3 corrupt images this week of FSN 469769216 (mission total of 24). HMI continues to perform nominally.

On Thursday, the GT PZT Monthly Calibration Maneuver took place with no issues for AIA or HMI. Results will be analyzed in the near future.

Week of Monday, January 24, 2011 through Sunday, January 30, 2011

HMI successfully performed their weekly calibrations on Tuesday, January 25th (observation mode-1) and on Wednesday, January 26th (flatfield calibration/observation mode-2, full focus sweep) using timed scripts. During the EVE Cruciform a new script set the cadence to 90 seconds as opposed to the nominal 135 second cadence. (It was changed back to nominal after the calibration). HMI continues to perform nominally.

Week of Monday, January 31, 2011 through Sunday, February 6, 2011

HMI successfully performed their weekly calibrations on Tuesday, February 1st (observation mode-1) and on Wednesday, February 2nd (flatfield calibration/observation mode-2, detune, reduced focus sweep) using timed scripts. HMI continues to perform nominally.