

HST INS Work Item Data Sheet

1. SI/Title: STIS/E-Mode Sensitivity Uncertainty Due to Monthly Offsets
2. INS Lead: L. Dressel
3. Description of Work:

This activity is related to the E-Mode Sensitivity calibration but is listed separately because it includes the complicated effort to derive a correction for the so-called Monthly Offsets and their associated blaze shifts, which do not repeat well for a given month of the year (i.e., the time dependence of the amplitude of the blaze shifts is currently not adequately corrected for). This effort shall be performed for both primary and secondary central wavelength settings, as they have had similar usage by GOs. This activity will involve writing at least one ISR, and may involve the need for code changes within CALSTIS.
4. Schedule Constraints and Dependencies:
5. Risks and Open Issues:
6. Priority: High
7. Priority Justification:
8. Resources (including estimated calendar duration for each portion):
 - a. Requirements
STIS Instrument Scientist
 - b. Development
STIS Instrument Scientist
CDBS Administrator
CALSTIS Developer
 - c. Testing
STIS Instrument Scientist
CALSTIS Test Engineer
CDBS Administrator
9. Documentation and Deliverables:

Calibration ISR
CALSTIS Code Delivery
CDBS Reference File Delivery