

HST INS Work Item Data Sheet

1. SI/Title: STIS/Faint Standards Extension
2. INS Lead: L. Dressel
3. Description of Work:

This activity involves analysis of CCD spectra of (faint) white dwarfs which were previously identified and verified as *bona fide* spectrophotometric standard stars. The purpose of this analysis is to provide a thorough verification of the previously established CTE corrections for CCD spectroscopy, namely by stepping the target along the slit (5 positions) with two (short) exposure times. This will verify the results using the two-amplifier readout method, and provide high-S/N data at low intensity levels and low background level. This activity involves the writing of one ISR and may also involve an update of the CTE parameters in the CCD Table Reference File, if necessary.
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
 - c. Testing
STIS Instrument Scientist
CDBS Administrator
9. Documentation and Deliverables:

Calibration ISR
CDBS Reference File(s) Delivery