

HST INS Work Item Data Sheet

1. SI/Title: STIS/CCD Fringe Flats
2. INS Lead: C. Proffitt(?)
3. Description of Work:

This activity involves the development and implementation of a system within OPUS and the archive that automatically associates contemporaneous STIS CCD Fringe Flats (which have been inserted by STIS GO's in their Phase-II proposals when G750L or G750M spectra were taken) with the appropriate science spectra, so that retrieval of the latter data will automatically attach the appropriate fringe flats to them. (Currently, only the science data are returned and the GO will need to issue a second archive query to find the contemporaneous fringe flats based on the proposal/visit combination of the science data.) It can be foreseen that this activity would be performed in concert with association-related activities for other HST instruments.
4. Schedule Constraints and Dependencies:
5. Risks and Open Issues:
6. Priority: Medium
7. Priority Justification:

Completion of this task will make the job of fringe removal easier for GOs and Archival users.
8. Resources (including estimated calendar duration for each portion):
 - a. Requirements
STIS Instrument Scientist(s)
 - b. Development
Archive Developer
OPUS Developer
 - c. Testing
STIS Instrument Scientist(s)
Archive Test Engineer
OPUS Test Engineer
9. Documentation and Deliverables:

Archive Code Delivery
STIS Data Handbook Updates