

# HST INS Work Item Data Sheet

1. SI/Title: STIS/Spectroscopic PSF Library
2. INS Lead: C. Proffitt(?)
3. Description of Work:

This activity involves the work needed to allow the user to retrieve well-exposed spectroscopic PSFs in a given observing mode (detector / grating / slit combination) and location on the detector. This consists mainly of the identification and assembly of a data base of appropriate datasets, the creation and implementation of a Graphic User Interface that performs the archive retrieval of the datasets involved, and the writing of an ISR (which can in principle be combined with the previous activity). It can be foreseen that the GUI mentioned above would be developed for *all* HST instruments simultaneously.
4. Schedule Constraints and Dependencies:
5. Risks and Open Issues:
6. Priority: Medium
7. Priority Justification:
8. Resources (including estimated calendar duration for each portion):
  - a. Requirements  
STIS Instrument Scientist(s)
  - b. Development  
STARVIEW(?) Developer
  - c. Testing  
STIS Instrument Scientist(s)  
STIS Data Analyst  
STARVIEW Test Engineer
9. Documentation and Deliverables:

STIS ISR  
STARVIEW Code Delivery