

# HST INS Work Item Data Sheet

1. SI/Title: STIS/Final Calibration of STIS Data

2. INS Lead: C. Proffitt

3. Description of Work:

This activity involves a comprehensive run of all archival STIS data through OTFR once all final calibrations, pipeline coding, and reference files have been tested and delivered to the various databases. The final set of calibrated STIS data will then be stored in the HST archive, and OTFR can be switched off for STIS use which would make more processing power available for OTFR requests of active HST instruments. It would also render calibrated STIS data to be readily available for viewing and plotting, which is relevant in the Virtual Observatory era.

INS effort in this work consists of monitoring the progress of the final calibration processing, and spot-checking the final products for correctness.

4. Schedule Constraints and Dependencies:

5. Risks and Open Issues:

6. Priority: High

7. Priority Justification:

Completion of this activity will result in better response of the Archive OTFR system for data requests (by relieving processor cycles to other instrument's data processing) and will make the STIS data more compatible with the needs of the Virtual Observatory efforts.

8. Resources (including estimated calendar duration for each portion):

a. Requirements

N/A

b. Development

N/A

c. Testing

STIS Instrument Scientist

STIS Data Analyst

9. Documentation and Deliverables:

None? Or STIS Data Handbook?