

## HST INS Work Item Data Sheet

1. SI/Title: WFC3/CDBS Population
2. INS Lead: WFC3 Instrument Scientists
3. Description of Work:

Analyze calibration data, primarily from thermal vacuum test data, and produce calibration reference files and other products. Review the various products for correctness and applicability, and populate the CDBS with the products. Test the usability of the products with both pipeline and offline calibration processes.

In addition to the formal CDBS products, produce, review, and test updates to synphot and the PDB aperture files (SIAF) based on the data analysis.
4. Schedule Constraints and Dependencies:

Data will be collected during the next two WFC3 Thermal Vacuum Tests: TV2 for UVIS calibration (Late 2006) and TV3 for IR calibration (January 2007).
5. Risks and Open Issues:
6. Priority: High
7. Priority Justification:

CDBS files, and aperture updates must be completed for SMOV operations.
8. Resources (including estimated calendar duration for each portion):
  - a. Requirements  
WFC3 Instrument Scientists
  - b. Development  
WFC3 Instrument Scientists  
WFC3 Data Analysts
  - c. Testing  
WFC3 Instrument Scientists  
WFC3 Data Analysts  
CDBS Administrator  
Synphot Test Engineer  
PDB Administrator  
SCIOPSDB Administrator (SIAF transfer to TRANS)
9. Documentation and Deliverables:

CDBS Data Files  
Synphot Table Updates  
PDB Aperture File Updates  
TRANS Aperture File Update