

HST INS Work Item Data Sheet

1. SI/Title: NICMOS/Temperature-dependent Shading
2. INS Lead: A. Koekemoer
3. Description of Work:

This work item involves the creation of new TDD files to characterize the temperature dependence of the detector shading.
4. Schedule Constraints and Dependencies:

The new TDD files should likely be deferred until after having more fully characterized the temperature measurements from bias, and also probably should come after being able to remove amp glow.

IDL and CALNICA code exists to perform the correction.

Complete work by SM4.
5. Risks and Open Issues:
6. Priority: Medium
7. Priority Justification:

Shading affects all NICMOS exposures, so incrementally better correction would benefit all users of NICMOS data.
8. Resources (including estimated calendar duration for each portion):
 - a. Requirements
N/A
 - b. Development
NICMOS Data Analyst (Bergeron)
 - c. Testing
N/A
9. Documentation and Deliverables:

TDD File(s) Delivery (Is this a CDBS file type?)