

HST INS Work Item Data Sheet

1. SI/Title: NICMOS/SAA Clean
2. INS Lead: A. Koekemoer
3. Description of Work:

Work on this project is already underway. The remaining activities are:

 - Incorporate into nicmos package as stand-alone for Nov 2005 STSDAS release
 - Plan to incorporate into calnica for Apr 2006 STSDAS patch release
 - Define representative range of test data to form regression suite [Barker]
 - Test the current IDL script as well as the Pyraf/STSDAS version [Barker]
 - Examine the documentation and update as appropriate
4. Schedule Constraints and Dependencies:

This project has already started, so it should be continued, if possible, to minimize disruption and maintain efficiency. Schedule exists – see W. Hack.
5. Risks and Open Issues:

Open Issue – Some testing remains on the stand-alone implementation to verify the IDL to Python translation.
6. Priority: High
7. Priority Justification:

The work is applicable to approximately half of all NICMOS data to clean up the cosmic ray persistence following SAA passages.
8. Resources (including estimated calendar duration for each portion):
 - a. Requirements
NICMOS Instrument Scientist (Koekemoer)
 - b. Development
STSDAS Developer
CALNICA Developer
NICMOS Data Analyst
 - c. Testing
NICMOS Data Analyst
9. Documentation and Deliverables:

STSDAS Code (Delivery PyRAF Delivery?)
CALNICA Code Delivery
Data Handbook Update(?)