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(?)