

HST INS Work Item Data Sheet

1. SI/Title: Multidrizzle/Moving Target Capability
2. INS Lead: A. Koekemoer
3. Description of Work:

Update the current version of Multidrizzle to add moving target capabilities. The current version does not work correctly, forming badly-combined images and occasionally crashing the pipeline (recent lunar observations). The software updates will require moving target keywords in science headers. The updates will be documented in the instruments' Data Handbooks.
4. Schedule Constraints and Dependencies:
5. Risks and Open Issues:

Risk – Moving targets are not correctly combined (and very occasionally can crash the pipeline – e.g., the recent lunar observations) if the code is not fixed.
6. Priority: High
7. Priority Justification:

Moving targets crash the current version of the pipeline.
8. Resources (including estimated calendar duration for each portion):
 - a. Requirements
Instrument Scientists
 - b. Development
STSDAS Developer
 - c. Testing
Instrument Scientists
Data Analysts
STSDAS Test Engineer
9. Documentation and Deliverables:

STSDAS Code Deliveries
OPUS Pipeline Code Deliveries
Data Handbook Updates
Regression test Updates