

HST INS Work Item Data Sheet

1. SI/Title: COS/Bright Object Protection
2. INS Lead: Scott Friedman
3. Description of Work:

Update the APT ROBOT (RObust Bright Object Tool) with the COS-specific constraints. Implement the constraints within ROBOT, and perform full-path testing (Health & Safety concern). Document the test results.

Are any reviews necessary (requirements, design, code, test readiness)?
4. Schedule Constraints and Dependencies:

Ron Downes is leaving STScI in the Spring of 2006; must be completed by then to take advantage of Ron's expertise.
5. Risks and Open Issues:
6. Priority: High
7. Priority Justification:

Capability is a contact scientist tool for Health & Safety screening of COS observations.
8. Resources (including estimated calendar duration for each portion):
 - a. Requirements
COS Instrument Scientist(s)
ROBOT Expert (R. Downes)
 - b. Development
APT Developer
 - c. Testing
COS Instrument Scientist(s)
APT Test Engineer
9. Documentation and Deliverables:

Requirements Document
ROBOT Code Delivery
Test Report