

## HST INS Work Item Data Sheet

1. SI/Title: INS/One-Gyro Support
2. INS Lead: C. Myers, K. Sembach
3. Description of Work:

Plan instrument performance evaluations and write and review proposals. Analyze the observational test data and write ISR(s) describing the results. Update the Data Handbook with the findings. Support the many meetings. May need new keyword(s) in the science data header.

Level of effort and duration depends on the decision regarding the time criticality of implementing the one-gyro mode. Anticipate less INS effort than was needed for Two-Gyro.
4. Schedule Constraints and Dependencies:

One-gyro work is ongoing, but with little ACS involvement.

C. Myers is the keeper of the overall schedule.
5. Risks and Open Issues:
6. Priority: High
7. Priority Justification:

One-gyro observation capability could be a key to the extended life of HST.
8. Resources (including estimated calendar duration for each portion):
  - a. Requirements  
ACS Instrument Scientist(s) (0.1 FTE, partly for Two-gyro closeout)
  - b. Development  
N/A
  - c. Testing  
N/A
9. Documentation and Deliverables:

ACS ISR(s)  
Key word Update