

STScI Status / Accomplishments

- Scheduling System requirements
 - Review complete
 - Final updates incorporated, ready for signature
- Science impact analysis
 - SPIKE prototype
 - Initial model w/FHST constraints delivered
 - Model being adjusted as constraints have become more defined
 - Initial full-sky evaluation underway
 - Three test proposals, 600 visits each (5° grid, $+60^\circ$ to -60° declination)
 - Using 8-10 degree attitude uncertainty
 - Using 100 degree sun-angle limit

STScI Status / Accomplishments

- Scheduling System design
 - Design work begun for incorporating SAA modeling into SPIKE
 - Design underway for FHST visibility window calculation in SPSS and PASS
 - MAP/AutoMAP approach documented and approved by TGSOWG
 - ICD updates just about completed
- Scheduling System implementation
 - SPSS Build 46.0 development complete: provides initial database updates to support two-gyro science

STScI Status / Accomplishments

- Testing
 - Test case definition initiated
 - Test cases being put into DOORS and linked to requirements for traceability

STScI Key Dates

Date	Description	Status
12/31/03	ICD-26, Part 2 update for review (SCHF, CRPF parameters)	Completed
01/05/04	SPSS Build A: Data structure updates	In testing
02/09/04	Scheduling System Design Review <ul style="list-style-type: none">➤ Phase I design➤ Draft Test Plan➤ ICD updates (ST-ICD-11, ST-ICD-26, HST-ICD-T1)	On schedule
03/01/04	Need date for FHST PLCP design	Being tracked on Project schedule

STScI Issues

- Magnetic field modeling during scheduling
 - Need to understand the problem better and generate requirements
 - Need to evaluate impact to scheduling algorithm in SPSS
 - Need to design a magnetic field modeling tool
 - may benefit PASS (HGA scheduling)
 - may be useful in SPIKE (Long-range planning)
 - Need to schedule work either as part of Phase I, as an adjunct to Phase I, or in Phase II