

Instrument Status Summary:

- FOS continues to function well
- NO more FGS2-dominant FOS acquisitions.
- Flat Field analysis continues - REDside degradation apparently halted
- GIM correction test scheduled for SMS 93004
- FOS-determined HST blind-pointing ≤ 1.0 arc sec for **68%** of all FOS
FGS1-dominant & FGS3-dominant ACQs

FOS Calibration Activities: 8 November - 6 December 1992

- 4059 - Cycle 2 Absolute Photometry Monitor
- 4123 - Cycle 2 REDside Flat Field Monitor

Week	Proposal	Exposures	Results
Nov 16	4059	11	Successful
Nov 16	4123	06	Successful

FOS Science Activities: 8 November - 6 December 1992

- Attempted: 29 proposals; 112 exposures; ACQs: 24 BIN, 5 PEAK, 0 FIRM
- Succeeded: 21 proposals; 83 exposures; ACQs: 16 BIN, 5 PEAK, 0 FIRM
- Failed: 8 proposals; 29 exposures; ACQs: 8 BIN, 0 PEAK, 0 FIRM
- Acquisition Failure Analysis:
 - 3 FGS2-dominant - 32,000 sec
 - 3 too faint, presumably variable - 8700 sec
 - 1 GS ACQ failure - 14,000 sec
 - 1 ephemeris error - 240 sec

Total science exposure time lost: approx. 15 hours of 65 total hours

	% within 1" since 1992.136	ACQ failure rate
FGS1-dominant	70 %	12.5 % of 58 ACQs
FGS2-dominant	15 %	24.4 % of 41 ACQs
FGS3-dominant	62 %	12.1 % of 59 ACQs