

Instrument Status Summary:

- FOS continues to function well
- GIM correction verification test scheduled for SMS 93053
- New FOS/RED flat field delivery for G270H, G190H, G160L
- FOS/RED flat field degradation appears to resume between July and Nov 1992
- FOS/RED G270H, G190H, and G160L slit flats now available
- Fix installed for PODPS-pipeline reduction error for time-tagged reference files

FOS Calibration Activities: 4 January - 8 February 1993

- 4212 - Cycle 2 Internal Wavelength Calibration Monitor
- 4495 - Onboard GIM-correction Test
- 4696 - Cycle 2 Internal/External Wavelength Calibration
- 4698 - Cycle 2 Dark Background Measures

Week	Proposal	Exposures	Results
Jan 04	4495	74	Successful
Jan 04	4212	36	Successful
Jan 18	4696	16	Successful
Jan 25	4698	20	Successful

FOS Science Activities: 4 January - 8 February 1993

- Attempted: 40 proposals; 263 exposures; ACQs: 26 BIN, 12 PEAK, 0 FIRM
 - Succeeded: 34 proposals; 245 exposures; ACQs: 21 BIN, 11 PEAK, 0 FIRM
 - Failed/Lost: 6 proposals; 18 exposures; ACQs: 5 BIN, 1 PEAK, 0 FIRM
 - Acquisition Loss or Failure Analysis:
 - 2 ACQ/BIN due to GS ACQ failure - 1000 sec (4 exp.)
 - 1 ACQ/PEAK lost due to prior SAFING - 4400 sec (3 exp.)
 - 3 ACQ/BIN: too faint, presumably variable - 16,700 sec (11 exp.)
- Total science exposure time lost: approx. 6 hours of 60 total hours
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TIPS: 2/11/93
FOS

Other Items:

- FOS Instrument Handbook version 4 prepared.
- FOS sections of Cycle 4 Call for Proposals, Phase I and Phase II Proposal Instructions revised.
- FOS SMOV flat field and internal wavelength calibration proposals prepared.