Activities: 8 September - 5 October 1994

Target Acquisition Statistics:

ACQ Type	Success	Fail	Total	Comments
Binary	7	4	11	2 faint, variable 1 poor coord. 1 SIB error
Peakup	10	0	10	
Total	17	4	21	

Pointing Statistics (Cycle 4 to date):

FOS blind pointings within 1 arcsec: Blueside: 63%
Redside: 55%
Total: 58%

Science Activities:

17 GO proposals were scheduled in the past month.

Calibration Activities:

5530: “Cycle 4: Y-bases” - successful
5532: “Dark Monitoring” - successful
5579: “Cycle 4 Polarimetry Evaluation” - successful

FOS/RED G190H Polarimetry Wavelength Calibration Error
correction in progress; 2 proposals affected (both from FOS team)

Y-base Analysis (Koratkar)
variability and testable hypothesis

Publications/Communications:

CAL/FOS-126 “FOS Pre-COSTAR Target Pointing Analysis”, C. Taylor.

CAL/FOS-127 “The FOS Scattered Light Model Software”, M. Rosa.

CAL/FOS-128 “Calibration Product Review for the Faint Object Spectrograph”,
C.D. Keyes, A.P. Koratkar, and A.L. Kinney. **-- DRAFT --**

FOS Reference Files and Tables Quick Reference Guide updates:

I. Flat Fields
II. Inverse Sensitivity Functions (IVS)
III. Dead Diode Tables
IV. All Other Reference Files and Tables

Announcements to FOS User Community:

Change of FOS Absolute Flux Scale for all post-COSTAR data (23 Sep 94)
STEIS Re-organization (30 Sep 94)

Commanding:

Recommended change of ACQ/BIN default FAINT from 660 to 330
in process; target implementation date: 1 Nov 1994

Other:

Two SIB Re-reviews completed.
Proof review of Cycle 5 Phase II Proposal Instructions in progress.
FOS Homepage for WWW in development.