6 October - 2 November 1994

Instrument: FOS Safing: FOS/BL microprocessor reset
Acquisition: 11 successful; 0 failures
Pointing: 65% within 1 arcsec
Science: 11 GO/GTO proposals
Calibration: 4 proposals
Publications and Communications: 1 ISR
Other: SIB Reviews; FOS WWW Homepage online

Instrument Safing:

24 Oct: at FOS/BL HV turn-on, microprocessor speed checks occur;
after 30 min, microprocessor reset at start of science exposure;
instrument safes automatically

24-31 Oct: no FOS/BL allowed; only 1 FOS/RED executed.

31 Oct: FOS/BL test - SNAP observation sequence with no HV;
test "exposures" executed nominally;
next FOS/BL (5 Nov, internal cal) will execute normally;
all FOS/RED will execute normally

Activities: 6 October - 2 November 1994

Target Acquisition Statistics:

ACQ Type	Success	Fail	Total	Comments
Binary	11	0	11	
Peakup	7	0	7	
Total	18	0	18	

Pointing Statistics (Cycle 4 to date):

FOS blind pointings within 1 arcsec: Blueside: 66%
Redside: 64%
Total: 65%

Science Activities:

11 GO proposals were scheduled in the past month.
4 affected wholly or in part by FOS safing.

Calibration Activities:

5528: “Cycle 4: X-Pitch, Y-Pitch, Focus - partially affected by safing
5530: “Cycle 4: Y-bases” - partially affected by safing
5658: “White Dwarf Calibration” - successful
5759: “|FOS-assisted Target Acquisition” - successful

FOS-assisted GHRS Target Acquisition test under analysis

Publications/Communications:

CAL/FOS-128 “Failure Analysis of the New FOS Peakup Algorithm”,
J. Skapik and J. Fitch.

Other:

Two SIB Re-reviews completed.
FOS Homepage for WWW online 3 November.