FOS

Summary: 21 November - 17 December 1996

Instrument: Mostly nominal operation - 1 microprocessor-reset instrument safing

Acquisition: 44 total; 4 failures; 2 GS LOL; 1 fail-to-single-FGS

Science: 27 GO/GTO programs; 6 visits lost or compromised

Calibration: 7 programs - Darks, YBASEs, Internal Wavecals, Discriminator Test, Internal/External Wavecals/Scattered Light/LSF; Solar Analog Absolute Photometry (OSG)

Other:

- 32 orbits lost to safings
- CS Reviews: 4 completed.
- Paper Product DQ Reviews: 43 completed.
- Publications: 3 ISRs in draft (RAPID mode; Cycle 5 calibration closeout; scattered light modeling compendium).

FOS

Instrument Status (21 November - 17 December 1996):

FOS instrumental operation mostly nominal
- 7 orbits (1 visit) lost in microprocessor-reset instrument safing

Telescope Problems:
- 25 orbits lost to two telescope safing events

Target Acquisition Problems:
- 2 visits affected by FGS1-related GS acq or re-acq loss-of-lock
  - 2 GO programs affected (6026 lost; 6537 possibly OK; under review)
- 5 acquisition anomalies
  - 3 ACQ/BINARY target-too-faint failures(5755); GO specification error
    (2 additional visits rescued via OPUS real-time intervention)
  - one fail-to-single-FGS guiding (6300); probable severe target drift
  - 1 target not found (6622); probable incorrect target offset specified