**SMOV Status & Planning Meeting Notes**

**7/20/09**

- **Summary:** The PCS team is investigating a body-rate low-mode test failure; no apparent impact to SMOV operations. COS FUV alignment process begins today. WFC3 zero-point photometric cals and flat-field analyses continue to look nominal. The planned 3-micron Secondary Mirror move was accomplished this morning. The OTA focus is now optimized for Cycle 17 for the operating SIs, which are all now confocal.

- **Observatory Status**
  - **PCS**
    - Over the weekend the body rate low mode test failed at 200/06:35:12
      - At the beginning of a type 2 vehicle maneuver causing the vehicle control to be placed into high mode, disabled state.
      - The event occurred in LOS
      - The recorder data was downlinked at 08:20.
      - Ops Request 18631 called COP 3.07 to restore the vehicle control to low mode operations and reset the body rate low test.
      - An OBAD map was executed to assess the drift incurred during the high mode control period
        - The error was small enough to allow the OBAD scheduled after the vehicle slew at 10:20 to correct the attitude error.
      - The subsequent vehicle slew and GS Acquisition were successful.
    - Problem occurred during WFC3 SMOV proposal 11447 (IR Darks, R/N, Background)
      - No apparent effect on data
      - Should not have to be repeated (per WFC3 reps)
  - **Other subsystems**
    - Nominal

- **SI Status**
  - **WFC3**
    - **Science:** SDeusta
      - 11450 UVIS Zero-Points Analysis
        - Overall stability indicated by second-epoch observations
        - Fluxes are 15-20% higher than expected in most filters
      - 11452, UVIS Flat Field Uniformity, Visit02
        - Results are nominal
      - Other SMOV internals are ongoing
      - For details, see the attached *WFC3_SMOV_report_07-20*
  - **COS**
    - **Science:** TKeyes
      - Aperture Mechanism Movement Ops Request
        - Executed on Friday
      - FUV Optical Alignment begins today
      - SIAF updated submitted internally at STScI
      - Recent activity:
        - 1 visit of FUV darks
For details on upcoming COS activities, see the attached
*COS_SMOV_update_20July2009*

- FGS/OTA
  - Nominal
  - Secondary Mirror repositioning
    - Scheduled 3-μ move accomplished this morning @ 2009/201 09:33:56
    - The OTA focus is now optimized for Cycle 17 for the operating SIs, which are all confocal.

- ACS
  - ACS SMOV is complete.

- STIS
  - Engineering
    - Status
      - Suspend (as reported in June 10 meeting notes)
    - Forward Plan
      - Tiger Team troubleshooting is ongoing
      - Proposal to resume STIS CCD operations
        - Remains under discussion
        - *Note: Later in the morning, the Project accepted STIS Tiger Team recommendation to resume CCD SMOV. – [cpb]*

  - Science. CProffitt
    - Nothing to report

- NICMOS/NCS
  - Status
    - No report
  - Forward Plan
    - Under discussion

- P&S Status
  - Calendar/SMS builds
    - SMS208
      - “Finals” processing today
    - SMS215
      - “Hunting and gathering” mode starts today.
  - Replans
    - SMS201
      - Possible intercept for resumption of STIS CCD

- Operations
  - FOT
    - During a science playback executed @ 200/11:47:00Z-12:30:19Z an unexpected elevated correctable EDAC count of 428 was observed
      - Under investigation
  - PACOR
    - Nominal
  - OPUS (TEllis)
    - No new OPUS issues to report.
    - We will be fast-tracking data for COS proposals 11469 and 11484 in the next 24 hours
      - Offsets have been loaded for two "useoffset" genslews
• scheduled to execute later today for these two proposals.
  • Archive
    ▪ Nominal