- **Summary:** WFC3 internal alignments are complete for both channels. This week's planned calibrations enable WFC3 GO science and EROs next week. COS optical alignment on Friday and Sunday proceeded nominally and good progress has now been made in determining target acquisition parameters. **ACS SMOV is complete.** The ACS ERO is scheduled this week, as is some GO science. STIS remains in Suspend. Discussions are ongoing. Plans are proceeding to restart the **NICMOS** Cooling System next week. (Last night the CPL was restarted.)

- **Observatory Status**
  
  - PCS/SAC
    - Nominal
  
  - EPS
    - Nominal
  
  - TCS
    - Nominal
    - WFC3 thermal model analysis is continuing
  
  - I&C
    - Nominal
  
  - DMS
    - Nominal
  
  - 486FSW
    - Nominal
  
  - SAFING
    - Nominal
  
  - SIC&DH & P/L FSW
    - Status
      - Nominal B-side operation continues
    - Forward Plan
      - Nothing to report

- **SI Status**
  
  - WFC3
    - Engineering
      - Status
        - Operate
        - OR 18612-0 successfully completed 191/19:05 UTC to adjust the UVIS corrector
      - Forward Plan
        - See below.
      - Science: JMackenty
• SOFA Wheel 10
  o 11808 Visits Thursday/Friday at nominal filter position
  o Saturday visit was at same offset as prior shift
    ▪ Indication this is a bi-state behavior
    ▪ Fits our experience from ground test (and model of cause)
• 11447 IR Dark
  o Was dark but not pointed at bright earth (waiting for more data!)
    ▪ Merle pointed out that it was in fact pointing at the bright earth during a slew.
• This will be a busy week
  o UVIS and IR Photometric zero points (11450, 11451)
  o UVIS and IR to FGS Alignments (11442, 11443)
  o UVIS Shutter timing test (11427)
  o UVIS Plate Scale (11444)
  o UVIS and IR Flat Field Uniformity tests (11452, 11453)
  o Plus ongoing UV Contam monitor, bowtie, and internal darks and flats
• Assuming the success of the above, EROs and WFC3 science are enabled next week.

 o COS
   ▪ Engineering
     • Status
       o Operate / FUV Operate / NUV HVSA
       o 7 GENSLEW ORs completed for proposals 11469 and 11492
     • Forward Plan
       o NUV Alignment and Focus RT Update 194/15:37 UTC
         ▪ OR 18621-0 submitted and approved to update the COS Aperture mechanism positions
         ▪ Expected uplink window 194/14:32 UTC
       o NUV Alignment and Focus confirmation 194/16:55 UTC
       o FUV Sensitivity 195/05:33 UTC
       o NUV Detector Darks 195/20:06 UTC
   ▪ Science. T Keys
     • NUV Optical Alignment (COS09, 11469)
       o COS optical alignment on Friday and Sunday proceeded nominally.
       o New updated aperture mechanism positions will be uplinked this morning for this afternoon's visit.
       o Candidate set of aligned NUV spacecraft pointing and mechanism positions
         ▪ suitable for use in determination of operational NUV target acquisition parameters
         ▪ suitable for continuing to FUV alignment.
       o ACQ/IMAGE testing with PSA/MIRRORA was successful.
       o Earlier sign-error issues are now believed resolved.
       o SIAF (database file for aperture locations)
         ▪ Processing is starting on the basis of COS09 (11469) data.
       o For more details, see the attached
         COS_SMOV_update_13July2009
- **FGS/OTA**
  - Nominal

- **ACS**
  - **Engineering**
    - **Status**
      - Operate / WFHROper
      - Forward Plan
        - WFC CCD Monitor (Cycle 17 program)
  - **Science**. LSmith
    - ACS SMOV is complete.
      - Data analysis is ongoing
        - Eventual SIAF update
    - ACS ERO is scheduled for July 16.
    - ACS GO science is enable
      - Some visits are already scheduled.

- **STIS**
  - **Engineering**
    - **Status**
      - Suspend (as reported in June 10 meeting notes)
        - Suspended (reference HSTAR 11927) at 191/16:44 UTC during execution of OR 18609-2 to perform a standard Suspend recovery and dump the MIE memory:
          - STIS 100: Invalid CS mode reported for more than 10 minor frames
          - Same message as previous Suspend on DOY 190
      - STIS CS memory successfully dumped via ROP NS-10 and OR 18613-0 at 191/20:48 UTC
      - All STIS commanding removed from the current 194 SMS
    - **Forward Plan**
      - Status Briefing this morning at 12:00 noon EDT

- **Science**. CProffitt
  - Nothing to report

- **NICMOS/NCS**
  - **Status**
    - ESM in Operate, PCE Enabled
    - TPS ~5.3e-7 torr
    - OR 18602-0 executed seven times thus far, placing the CPL reservoir setpoint at +14 degC
      - MNPTAILT = 270.93 K
      - MNCIHSGT = 270.77 K
      - MNHTREJT = 14.45 degC
  - **Forward Plan**
    - NCS Recovery
      - Final pre-start CPL management ~13 July
      - NCC restart ~14-15 July
      - Delta Ops Briefing this afternoon at 2:00 pm EDT
- **P&S Status**
  - Calendar/SMS builds
    - SMS201
      - Initial calendar is built
    - SMS208
      - “hunting and gathering” (of visits) has begun
  - Replans
    - SMS194 was reworked to remove all STIS activities.

- **Operations**
  - **FOT**
    - Nominal
  - **PACOR**
    - From July 12 (8am) to July 13 (8am), Pacor-A received three events with fast-track observations.
      - The data was processed and delivered to OPUS without any problems.
  - **OPUS**
    - Friday night 2 more COS associations for proposal 11469 failed in the housekeeping database updates
      - known problem being worked on.
    - Submitted 7 Ops requests on Saturday for use offset genslews
      - scheduled to execute early Sunday morning and Monday afternoon through early Tuesday morning
      - COS proposals11469 and 11492).
    - Data for COS proposals 11469 and 11492 will be fast-tracked in the next 24 hours.
  - **Archive**
    - Nominal