- Summary: Spacecraft subsystems are all nominal. WFC3 UVIS and IR alignment/focus activities are ongoing concurrently. The IR detector functional has revealed a possible light leak when viewing the bright Earth. It may require commanding change to insert the CSM for dark measurements. The STIS ERO was carried out last evening. The 486 ACR for MEB Reset is being readied for implementation later this week; it is needed for resumption of STIS/COS/ACS MAMA operations.

- Observatory Status

  o PCS/SAC
    ▪ Nominal

  o EPS
    ▪ Nominal

  o TCS
    ▪ Nominal

  o I&C
    ▪ Nominal

  o DMS
    ▪ Nominal

  o 486FSW
    ▪ Nominal

  o SAFING
    ▪ Nominal

  o SIC&DH & P/L FSW
    ▪ Status
      • Nominal B-side operation continues
      • 486 MEB Reset ACR OAT completed 29 June
        ▪ Preliminary test results are positive, additional analysis is in-work
      ▪ Forward Plan
        • 486 ACR for MEB Reset implementation
        • FRR and uplink expected for 2 July

- SI Status

  o WFC3
    ▪ Engineering
      ▪ Status
        ▪ Operate
OR 18570-2 successfully executed at 180/15:57 UTC to adjust the UVIS corrector following UVIS Alignment Visit 2

- **Forward Plan**
  - UVIS Bowtie test continues 181/19:30 UTC
  - SAA Passage Test 181/19:45 UTC
  - Initial IR Alignment (11425, Visit 3) scheduled for 181/21:44 UTC
    - OR 18573-0 submitted to adjust IR corrector prior to Visit 3
      - IR corrector inner cylinder: 34 steps (from resolver 51150 to 53213)
      - IR corrector outer cylinder: 30 steps (from resolver 38216 to 40036)
      - No focus change is required at this time
  - UVIS Internal Flats 182/02:00 – 182/07:19 UTC
  - UVIS Alignment (11434, Visit 1) scheduled for 183/10:02 UTC
    - OR 18574-0 submitted to adjust UVIS corrector prior to Visit 1
      - UVIS corrector inner cylinder: +4 steps (from resolver 7942 to 8185)
      - UVIS corrector outer cylinder: +4 steps (from resolver 52024 to 52267)
      - No focus change at this time

- **Science:** SDeustua
  - 11426 UVIS Contamination Monitor is nominal
    - Preliminary photometry results are nominal
  - 11424 UVIS Alignment
    - Progressing nominally
  - 11420 IR Detector Functional
    - Reveals possible light leak when viewing bright Earth
      - Will require commanding change to insert CSM for darks
  - 11449 SAA Measurements
    - Analysis ongoing
  - For details see attached WFC3_SMOV_Science_30June

- **COS**
  - **Engineering**
    - **Status**
      - Operate / FUV Operate
    - **Forward Plan**
      - FUV-only observing until MEB Reset implementation is in place
      - Patchable constant update (Visit 2R) scheduled for 184/13:15 UTC
        - OR to be submitted

- **Science:** TKeyes
  - Dark measurements look nominal.
- **FGS/OTA**
  - Nominal
  - FGS scale factors and alignment tables are ready for uplink
    - Enables FGS-2R2 usage as a non-dominant guider
      - starting immediately in the 182 SMS.
  - Note: The Ops Briefing for the FGS alignment uplink was held following this SMOV meeting.
    - See the attached *FGS-alignment-2009-182-OPS_Brief-v1*

- **ACS**
  - **Engineering**
    - Status
      - Suspend (HSTAR 11895)
    - Forward Plan
      - Suspend investigation continues
        - Tiger Team report and Ops Briefing for recovery to be presented on Wednesday morning following the 8:30 am EDT SMOV meeting
    - **Science.** LSmith
      - Nothing to report

- **STIS**
  - **Engineering**
    - Status
      - Operate/CCD On
      - MAMAs 1&2 LV Off
    - Forward Plan
      - CCD-only observing until MEB Reset implementation is in place
      - CCD Image and Pointing Stability scheduled 181/16:10 UTC
      - CCD Dark & Bias Monitoring continues 182/06:38 – 08:16 UTC
    - **Science.** CProffitt
      - STIS ERO (CCD) completed last evening.

- **NICMOS/NCS**
  - Status
    - ESM in Safe
    - TPS ~6.0e-7 torr
    - NCS CPL in Safe/Hold at -39 degC
  - Forward Plan
    - OR 18561-0 submitted to recover ESM to Operate, place the NCS CPL in Standby, and enable the PCE
    - NCS recovery being examined for the coming weeks

- **P&S Status**
  - **Calendar/SMS builds**
  - **Replans**
    - SMS187
      - In work for late Friday delivery
      - ACS SMOV is included
- Operations
  - FOT
    - Nominal
  - PACOR
    - Pacor-A received one event with fast-track observations.
      - The data was processed and delivered to OPUS without any problems
  - OPUS
    - Nominal
  - Archive
    - Nominal

- On the assumption that 486 ACR is implemented
- WFC starts early in the week, SBC later