NICMOS SMOV Forward Plan

- Sep 02 NCS set-point changed from 72.4 to 75 K
- Verify the ability of the compressor to maintain a steady temperature with <7300 RPS

**SMS257**

- 258:15:00UT **DC Transfer Test** (NICMOS Activation) progID 11406 (Schneider), fast-track
- 260:13:40UT **Dark monitoring** progID 11947 (NICMOS Calibration program) (Dahlen), ACCUM lamp ON/OFF to verify the position of the filter wheels, fast-track
- 261:22:33UT **Filter Wheel Test** progID 11407 (Wheeler), fast-track visits 10, 11, 30
- 262:21:25UT **Dark Monitoring** progID 11947 (Dahlen), Characterize the detectors at the higher temperature. Two orbits per day for about one week
- Increase the NCS set-point to 77 K and continue taking darks at the same cadence for another week
- Decide on final NCS set-point 75/77 K and continue with the NICMOS SMOV plan (~ Oct 05)
NICMOS SMOV Forward Plan

- NCS set-point change September 4 (tentatively)

- DC Transfer Test (NICMOS activation) progID 11406 September 14 – 20

- Dark monitoring (2 visits) progID 11947

- Filter Wheel Test progID 11407 (48 hours after DC Transfer Test)

- Dark monitoring progID 11947

- Further NICMOS SMOV activities on hold until after circulator speed increase.

- During the DC Transfer test and Filter Wheel test, we will have no data from the mounting cup temperature sensors. Temperature from Bias (TfB) will give a relative reading on the detector temperature and its stability. If we come down in the range where the mounting cup sensors are active, we can calibrate the TfB retroactively.