



---

# Wallops 11M/VHF Status

Network Support Group

September 13th, 2012



# September 2012 NSG



- **Post April 2012 NSG Changes**
  - **Hardware**
    - *Installation of new S-band and X-Band receiving equipment is complete*
    - *Installation of new High Power Amplifier is complete*
    - *Currently in parallel configuration with legacy equipment*
    - *Legacy Mission revalidation supports commence on 10/01/12*
    - *Building N-162 roof resurfacing completed June 2012*
  - **Software**
    - *Installed Dewitt Monitor & Control version 6.5.1 on 05/31/12 to further migrate control of the new equipment and peripherals for NEN upgrade*
  - **Personnel**
    - *No changes in operations, one antenna mechanic replacement due to retirement*



# OSC/Cygnus



- **Station Configuration for OSC/Cygnus**
  - **11M antenna to provide S-band uplink and downlink service to the Cygnus one orbit after separation**
  
  - **Data transfer through Standard Autonomous File Server (SAFS)**
    - **SAFS accounts have been created and successfully tested by OSC on 05/25/12 and 09/06/12**
  
  - **Open Work**
    - **RF Long Loop**
    - **Vector Verification**



# Other Equipment Status September 2012



- **VHF1/2 Status**
  - *No S/W or H/W upgrades, no current issues*
  - *Supported 1 VHF-1 ISS track; no problems noted*
  - *Supported 13 VHF-2 Soyuz 30 tracks in May 2012; no problems noted*
  - *Supported 12 VHF-2 Soyuz 31 tracks in July 2012; no problems noted*
  
- **VHF Open Work**
  - *Relocation of VHF spares to Wallops Flight Facility*



# Open DRs / Testing



- **Discrepancy Reports**

HSF Impact (Y/N)	DR#	System/ Subsystem	Problem Description	Operational Workaround	Current Status	Projected Closure Date
None						

- **Open Work**

- None



# Facilities / Open Work



- **Facilities Overview**

Item	Status	Comments
Commercial Power	G	Operational
Generator	G	Operational
UPS	G	The antenna drive equipment does not have UPS protection
HVAC	G	Operational

- **Staffing, Training, and Certification**

- *Staffing level is sufficient to meet all HSF requirements*