



Wallops 11M Status

Network Support Group

March 31, 2011



March 2011 NSG



- **Post Sep 2010 NSG Changes**
 - **Hardware**
 - ***MOVE system installed 02/25/11. Addition of the transmit and receive audio record capabilities on VHF-1&2***
 - **Software**
 - ***Transition to upgraded Windows XP version of Wallops Orbital Tracking Resource Scheduler (WOTRS) at WSC***
 - Front/End Database completed 01/18/11
 - WOTRS transition completed 01/24/11
 - **Personnel**
 - ***No changes due to NENS to SCNS transition***



STS-134 Configuration



- **Station Configuration Changes for STS-134**
 - **Launch & Orbit**
 - **11M Prime for all launch and orbital services**
 - **7.3M backup for launch only (no command capability)**



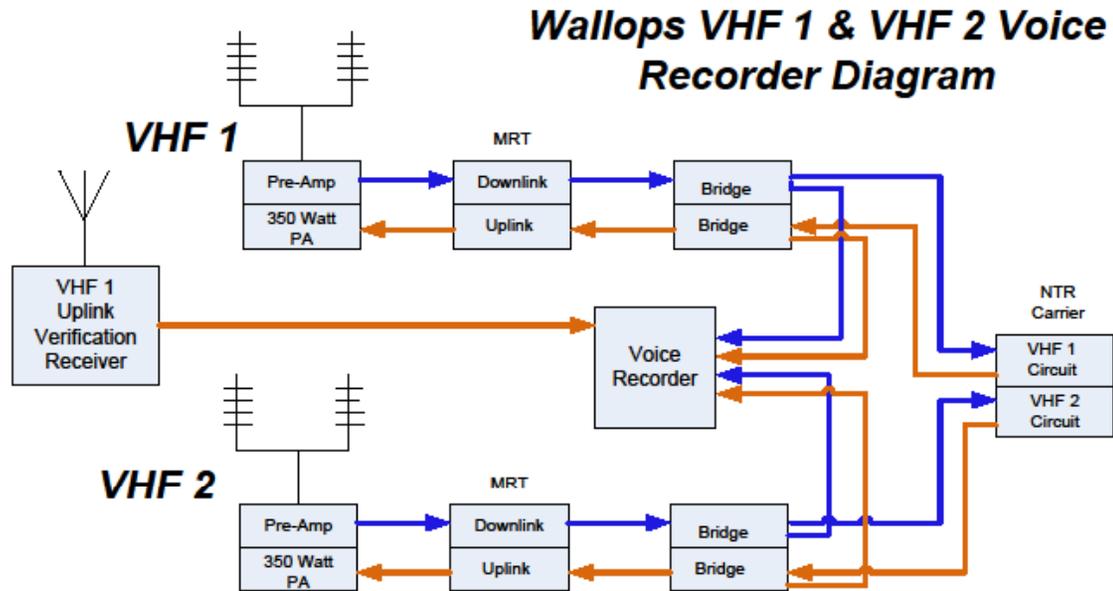
Other Equipment Status Sep 10 – Mar 28



- ***VHF1/2 Status***
 - *No S/W or H/W upgrades, no current issues*
 - *Supported 4 VHF-1 ISS tracks; all successful*
 - *Supported 9 VHF-2 Soyuz 24 tracks in October 2010, no problems noted*
 - *Supported 7 VHF-2 Soyuz 25 tracks in December 2010, no problems noted*
- ***VHF Open Work***
 - *None*



Other Equipment Status Sep 10 – Mar 28



Alan Bruno Schonbrunner
22 March 2011



Open DRs / Testing



- Discrepancy Reports**

Shuttle Impact (Y/N)	DR#	System/Subsystem	Problem Description	Operational Workaround	Current Status	Projected Closure Date
N	54755	11M/Acquisition Data	Intermittent Wallops Acquisition Data Archive Transfer (WADAT) timeout error. Affects delivery of INP/IIRV data	Manual workaround available in WADAT user's guide	In work	09/30/11
N	58470	11M/Antenna Control Unit	Antenna Control Unit crashed on 04/16/10. The system had to be power cycled to regain control	Reboot daily during mission	In work	06/01/11
N	259384	Inadvertent Uplink	Enertec Upconverter anomaly via M&C script associated with frequency changes.	Script change to reissue "mute" after frequency change	In work	03/23/11
Y	259394	Backup Generator Failure	Backup generator "lock out" breaker failed during commercial power outage	Run generator in parallel during entire Shuttle mission	In work	TBD
N	259371	WOTRS System Crashed	Schedulers reported a system crash when scheduling over STS-133 supports	Reboot of system restored capability	In work	04/05/11

- Open Work**

- *Antenna Control Unit (ACU) Operating System SP3 install post STS-134*
- *X-Band engineering change to facilitate Wallops Range support of SubTec-4 05/01/11*



Facilities / Open Work



- **Facilities Overview**

Item	Status	Comments
Commercial Power	G	Backup generators will be standing by
Generator	G	Backup generators will be running for launch and orbital supports
UPS	G	The antenna drive equipment does not have UPS protection
HVAC	G	New Boiler installed 03/22/11, additional HVAC staff will be standing by

- **Staffing, Training, and Certification**

- *Staffing level is sufficient to meet all requirements*