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# ***ISS/SOYUZ VHF Support Team VHF Ground Station Status Summary***

**Kevin Riley**



# Agenda



- **U.S. Very High Frequency (VHF) Network Configuration**
  - **Support Summaries**
  - **System Readiness Test (SRT) Report**
- **Station Support Requirements**
- **Station Equipment Configuration**
- **Station Equipment List**
- **Hardware Status Wallops Ground Station (WGS)/White Sands Complex (WSC)**
- **Hardware Status/WSC Upgrades**
- **Documents**
  - **TDRSS Network Operations Support Plan (TNOSP)**
- **Summary**



# VHF Ground Station Status



- **Purpose**
  - Provide an update of the VHF Ground Stations Status
- **Discussion Highlights**
  - VHF Emergency Communications Verification support requirements changing to 1 pass per station per quarter
  - Multiple upgrades are in process at WSC
    - Major upgrade is the separation of VHF-1/2 antennas
      - Separate tower being erected for VHF-1 (this will make VHF-1 a quad yagi)
    - Recording capability of VHF-1/2 audio being implemented via the MOVE system
  - TNOSP under going a major rewrite
  - VHF Support Summaries have a form number and are available on Next Generation Integrated Network (NGIN)



# Splinter Group Summary Title



- **Action Items**

- **01-Dave Glasscock**

- **ACTION:** Verify the frequency of the EI motor PMs and coordinate providing PM status reports to Mr. Jim Bangerter

- **02-Kevin Riley**

- **ACTION:** Coordinate getting site inputs on what is required to maintain VHF proficiency and develop a procedure for VHF dry runs to supplement the SRTs

- **03-Melissa Blizzard**

- **ACTION:** Review the excess equipment lists to determine what, if any, hardware is available for implementing the capability to monitor the two VHF towers at WSC

- **04-Melissa Blizzard**

- **ACTION:** Working through SCNS, provide an estimate for procuring whatever is needed (e.g., two cameras) for implementing the capability to monitor the VHF antennas at WSC