



# 800 MHz JOC Meeting

January 21, 2022



# System Status Update

Agenda Item 6



# System Status Update

- Outages
  - POWER:
    - Slide generator control panel no longer operational after a series a power outages. Slide spend a week over the new year without power, teams have been filling generator and manually starting generator every three days, while NV Energy troubleshoots the line.
  - WEATHER:
    - Fox Mountain to Virginia Peak inversion effecting the microwave communications.
      - Inversion is a deviation from normal change in atmosphere property with altitude/ Typically temperature decreases with altitude, but in inversion warmer air is held over cooler air. Very high frequency radio waves can be refracted by inversion, Tropospheric ducting caused multipath propagation and fading within microwave links.
- Updates
  - Sums updates conducted monthly



# LID Status

- Remaining LIDS: 35\* (After Requests granted)
  - Truckee Meadow Fire Protection District (TMFPD)
    - issued 3 LIDs (Consoles)
  - Reno Sparks Indian Colony (RSIC)
    - issued 12 LIDS
  - Sparks Dispatch
    - Issued 4 LIDS
  - Washoe County Sheriffs Dispatch
    - Issued 2 LIDS
  - UNR
    - Requesting 6 LIDS for DRI ← Agency to be sponsored\*\*
      - 2 Initially, 4 in the future
  - US Marshals
    - Future request based on funding
- Issuance of LIDs will be looked at case by case and prioritized accordingly. Please allow for a few weeks to get back to all requests.



# Radio Counts

- Our New L3Harris Sales Representative is Claire Pender.



- 2,073 radios ordered out of 5097 contractual commitment of the P25 Radios
  - We have reached 40% of our contractual obligation
  - Reminder – Harris to be onsite for installation Oct 2022- Dec 2023
    - Radio One-Touch for portables “ Make ready” for new system
    - Mobile Installations (Don't forget your warranty is on hold until the device goes into service) May begin as early as October 2022.
    - Please have radios purchased prior to these events to be ready for the System cut-over.



# Maintenance

- **No maintenance is scheduled, routine repairs being conducted to maintain normal operation at sites.**
- Tower inspections & Remote Alarms
  - NTR (Nothing to Report)
- Radio maintenance & alignments
  - Microwave maintenance for Slide and Virginia Peak due to wintery weather conditions.
- Security cameras maintenance and installation
  - Slide had camera failures due to high winds, cameras have been repaired.



# Maintenance

- DC battery banks & rectifier testing
  - NTR
- HVAC inspection & repair
  - NTR
- Dehydrator/Waveguide pressure testing
  - NTR
- Generator inspections and repair
  - Generators being refueled as needed due to winter weather conditions, and power outages.



# 2022-2023 Budget Discussion Agenda Item 7-





# Snowflake Lodge Conduit Installation

Agenda Item #8



# Snowflake Lodge Conduit Issue



Snowflake lodge needs conduit installed from Equipment room (room next to ski patrol) over to the monopole. Current conduit is full of cable, with no ability to remove cables and install anything new.





# Snowflake Conduit Options



Multiple quotes received only. Two quotes meet the county specification for the project; both design where similar but different:

- Design #1 was for (2) two 4 inch conduit with interduct connecting to NEMA 4 enclosures. (Cost: \$23,120.00)
- Design #2 included (1) One 6 inch conduit connecting to a doghouse enclosure. (Cost: \$60,400.00)
- WCRCS team felt that design #1 provided for growth with installation of two conduits and weather rated enclosures that would help to protect cabling.





# UNR Sponsorship of Desert Research Institute (DRI) to Join the WCRCs as a Sponsored Agency

Agenda Item 9



# Questions?

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