



# 800 MHz Users Meeting

August 3rd, 2023



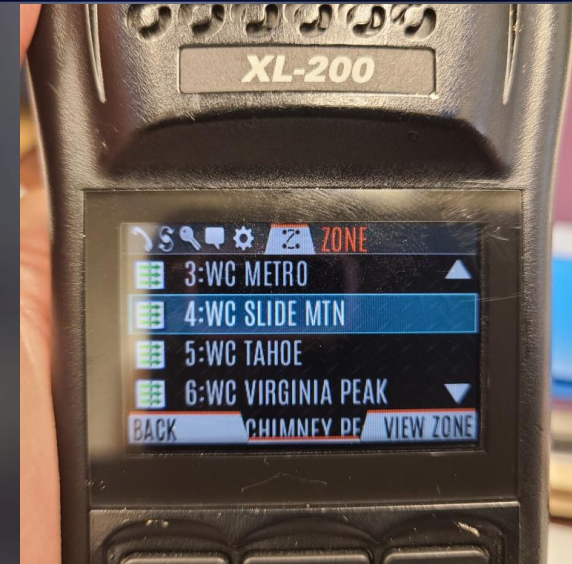
# System Status Update

Agenda Item 4



# LID and Radios Counts

- Remaining LIDS: 29
  - Ready to Issue
    - Sparks Fire (2)
    - Pyramid Lake Police (2)
    - WCSD (2)
  - Pending requests
    - WCSD (2)- Auditing existing LIDS
    - Pyramid Lake Police requesting 6 LIDS
    - REMSA requesting LIDS
    - REQUEST for ALL agencies to free up LIDS\*\* Please contact us for a list of active LIDS for your agency to conduct your own internal Audit.
- Radio Counts: (92.2%)
  - Washoe County has purchased 4,701 Radios out of their 5,097 contractual commitment.





# System Status Update

METRO SC	SLIDE MT	TAH SC	VA PEAK	CHMNY	MARBLE	POITO	FOX MTN	MT ROSE
12577 - 00290	03607 - 01901	CC	CC	FAIL	CC	CC	OFF	12596 - 00273
12576 - 00289	04128 - 00753	OFF	03199 - 01901	15234 - 00289	13790 - 00278	16383 - 01353	13112 - 00273	12596 - 00273
	12577 - 00290		02210 - 00753	CC	13790 - 00278	12596 - 00273	16383 - 01353	12254 - 00273
14914 - 00290	12576 - 00289		03607 - 01901	02210 - 00753	12598 - 00278	13112 - 00273	12596 - 00273	13081 - 00273
14010 - 00417	12576 - 00289		04128 - 00753	16383 - 01353	16383 - 01353	12596 - 00273	OFF	16383 - 01353
12704 - 00327	03199 - 01901	04128 - 00753	03199 - 01901	03607 - 01901	OFF	OFF	OFF	OFF
15234 - 00289	14914 - 00290	OFF	03607 - 01901	04128 - 00753	OFF	OFF	OFF	OFF
	14010 - 00417	OFF	OFF	12576 - 00289	OFF	OFF	OFF	OFF
FAIL	15234 - 00289	OFF	OFF	OFF	OFF	OFF	OFF	OFF
12571 - 00327	16383 - 01353	OFF	OFF	OFF	OFF	OFF	OFF	OFF
13993 - 01837	02210 - 00753	OFF	OFF	OFF	OFF	OFF	OFF	OFF
04128 - 00753	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
03607 - 01901	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
12829 - 00282	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
DownLink	DownLink	DownLink	DownLink	DownLink	DownLink	DownLink	DownLink	DownLink
DownLink	DownLink	DownLink	DownLink	DownLink	DownLink	DownLink	DownLink	DownLink
650608	317164	154421	101832	149486	63304	43761	40746	5649

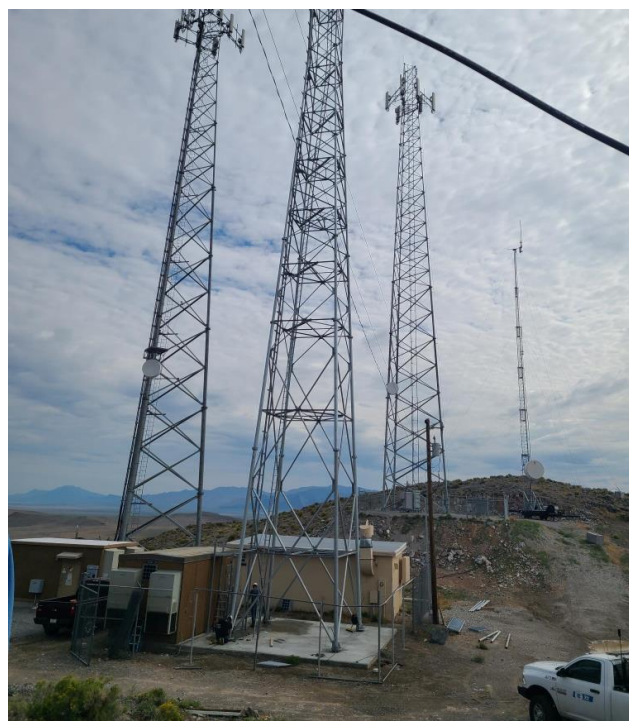
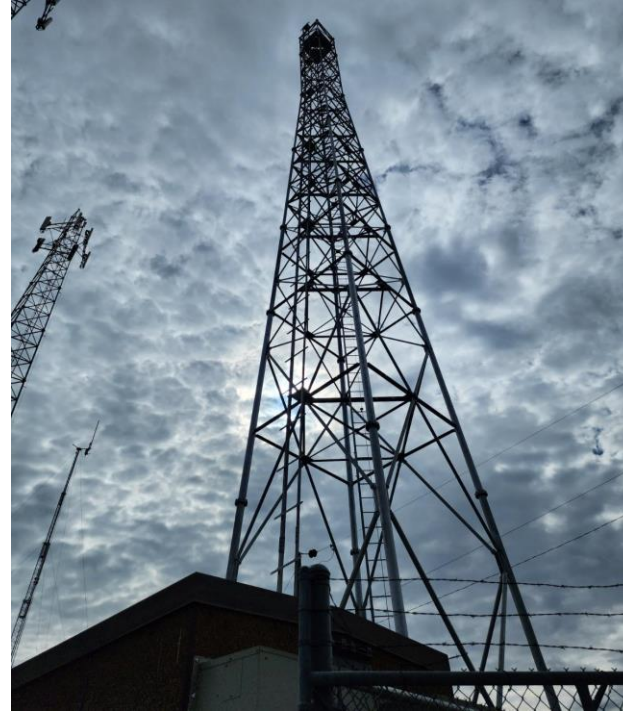
- Unplanned Outages

- System & Site:

- 7/21/2023- Peavine Mountain lost timing, GPS antenna replaced, and CHDS1 Card and the Control Switch Module were replaced on the 7705. This negatively affected Metro Simulcast on Friday and into the weekend.
    - 6/8/2023- While CSD repaired generator, WCRCs found 2 battery strings damaged from Monday power outage. Completed full redundant power system checks for the NOC.
    - 6/6/2023- Virginia Peak nearby lightning, took of two Power Amplifiers on the Radio equipment, and damaging the Tower Top Amplifier Control Shelf.
    - 6/5/2023- NVE Power Outage at NOC, Generator failed, back fed power into the WCRCs Battery/Rectifier plant, complete power outage to Radio System

- Planned Outages

- 8/1/2023- Sparks to Peavine re-testing of Microwave
  - 7/26/2023- Microwave Outage: Marble to Virginia
  - 7/12/2026- Microwave Outage: Sparks PD to Peavine
  - 7/5/2023- Microwave Outage: Virginia Peak to Peavine
  - 6/28/2023- Microwave Outage: Fox to Virginia Peak
  - 6/7/2023- Tested complete redundant power systems for the City of Sparks.



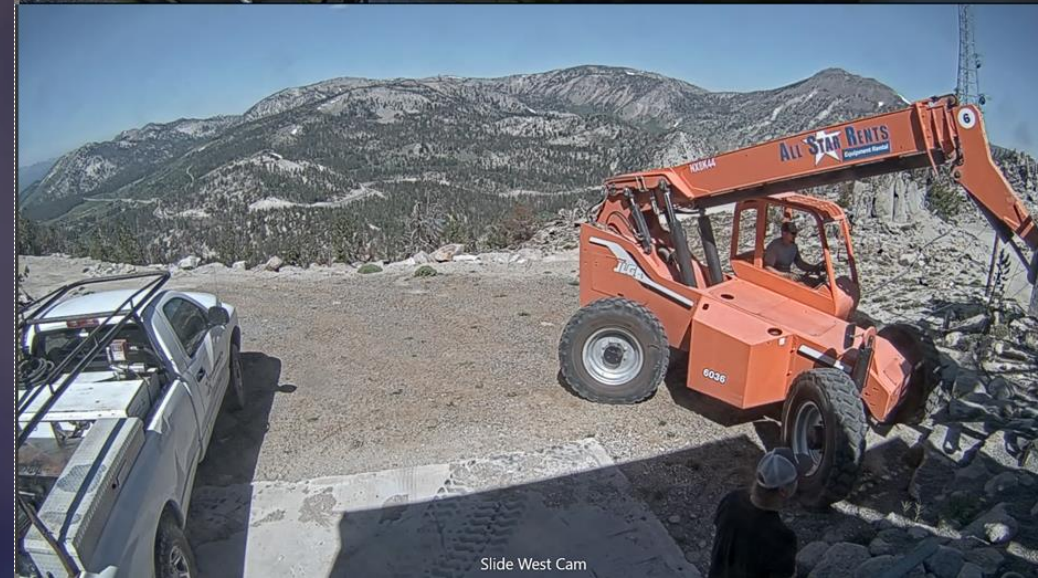
## Marble Bluff Construction Status

- Communications on Wheels Installed
- Old Tower Removed
- New Tower Installed
- Building Installed
- Driveway Expanded



# Maintenance

- DC battery banks & rectifier testing
  - Newmar Commander II battery/rectifier installed at Marble Bluff, Cold Springs
  - Battery Replacement at NOC
  - Training conducted 21 July 2023 on Alphacordex Controller
  - Training scheduled for NewMar Commander II Controller and Benning Rectifiers
- HVAC inspection & repair
  - Peavine needs HVAC damage to be repaired site now accessible.
- Generator inspections and repair
  - July 31<sup>st</sup>- Install Slide Generator
  - Generator Maintenance starts this week





# Maintenance

- Tower inspections & Remote Alarms
  - TSM Support purchased and awaiting training for all new Nokia Microwave System to build within TSM application.
  - Secondary GPS Antenna needs to be replaced at NOC
  - GPS Timing solution put in place for Peavine Site
- Radio maintenance & alignments
  - Tahoe Simulcast alignment conducted (Biltmore, Snowflake)
  - Power Amplifiers replaced at Fox.
  - Marble Bluff Radio Alignment
  - Slide Mountain Radio Alignment
- Security cameras maintenance and installation
  - NTR- getting ready to purchase security equipment for Cold Springs





# Questions?

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