



800 MHz Users Meeting

September 21, 2023



LID and Radio Counts

Agenda Item 5

XL-200



LID and Radios Counts

- Remaining LIDS: 29
 - Ready to Issue
 - Sparks Fire (2)
 - Pyramid Lake Police (2)
 - WCSD (2)
 - UNR (2)
 - Pending requests
 - Storey County (5)- sponsored agency requesting to join P25*
 - 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: (92.4%)
 - Washoe County has purchased 4,712 Radios out of their 5,097 contractual commitment.



System Status Update

Agenda Item 6



System Status Update

METRO SC	SLIDE MT	TAH SC	VA PEAK	CHMNY	MARBLE	POITO	FOX MTN	MT ROSE
CC	CC	CC	CC	FAIL	CC	CC	OFF	12596 - 00273
12577 - 00290	03607 - 01901	OFF	03199 - 01901	15234 - 00289	13790 - 00278	16383 - 01353	13112 - 00273	12596 - 00273
12576 - 00289	04128 - 00753		02210 - 00753	CC	13790 - 00278	12596 - 00273	16383 - 01353	12254 - 00273
	12577 - 00290	03607 - 01901	03607 - 01901	02210 - 00753	12598 - 00278	13112 - 00273	12596 - 00273	13081 - 00273
14914 - 00290	12576 - 00289		04128 - 00753	16383 - 01353	16383 - 01353	12596 - 00273	OFF	16383 - 01353
14010 - 00417	12576 - 00289		03199 - 01901	12829 - 00282	OFF	OFF	OFF	OFF
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						
12571 - 00327	16383 - 01353	OFF						
13993 - 01837	02210 - 00753	OFF						
04128 - 00753	OFF							
03607 - 01901	OFF							
12829 - 00282	OFF							
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.



Infrastructure Maintenance and Replacement Update

Agenda Item 7



Maintenance

- DC battery banks & rectifier testing
 - Newmar Commander II battery/rectifier installed at Marble Bluff, Cold Springs & Mt Rose
 - Battery Replacement at NOC
 - Training conducted 21 July 2023 on Alpha cordex Controller
 - Training scheduled for NewMar Commander II Controller and Benning Rectifiers
- HVAC inspection & repair
 - Peavine needs new HVAC, unable to repair
 - Virginia Peak AC continually failing- also needs to be replaced.
- Generator inspections and repair
 - Slide Generator installation completed August 28th, 2023
 - Batteries replaced on Fox Generator September 7th, 2023
 - Generator Replacement needed at Fox Mountain





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
 - Teglar Dish replacements ordered for Peavine & Watertank
- Radio maintenance & alignments
 - Tahoe Simulcast alignment conducted (Biltmore, Snowflake)
 - Power Amplifiers replaced at Fox.
 - Marble Bluff Radio Alignment
 - Slide Mountain Radio Alignment
 - Fox Mountain Radio Alignment
 - Chimney Radio Alignments
- Security cameras maintenance and installation
 - Cameras purchased for Cold Springs, Ophir, Marble Bluff





WCRCs replacement of Virginia Peak & Peavine Peak HVAC units

Agenda Item 8



Virginia Peak & Peavine Peak HVAC Unit Replacement

- Virginia Peak
 - Cost for cooling only:: \$22,908.00
 - Cost for cooling with Heat pump::\$24,699.00
 - 3-Ton Units- Cooling only- HVAC technicians continually being called, and unable to fully repair. Both RHP and Roper did work on these units, and recommended heating pump to be added.
- Peavine Peak
 - Unit destroyed by heavy snow pack this year- Found during trouble calls in June, HVAC Technician unable to repair current 5-ton unit.
 - Need to upgrade Unit to 6 Ton Unit due to installation of P25 equipment adding heat to room.
 - Cooling only:: \$25,492.00
 - Cooling with Heat pump:: \$27,046.00





800MHz Users Committee Member/Staff Announcements

Agenda Item 11



Announcements

- Melissa Lawney will be going out on FMLA leave effective December 12th, 2023 for approximately 2-3 months.
 - Regional Services Contact
 - Quinn Korbolic-(775) 328-2348
 - WCRCs Contacts: (775) 858-5961
WCRCs@washoecounty.gov
 - John Byerly: (775) 741-5282
 - John Rees: (775) 433-3509
 - Tyler Gerber-Winn: (775) 444-2467
 - James Davis:(775) 530-2036
 - Radio Shop Contacts:
radioshopdl@washoecounty.gov
 - Don Thornberry: (775) 858-5953
 - Daniel Bale: (775) 858- 5962
 - Daniel Foster: (775) 858- 5962





Questions?

Melissa Lawney

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