

WASHOE COUNTY REGIONAL COMMUNICATION SYSTEM

P25 TECHNICAL ADVISORY COMMITTEE

Keith Mullen, Chair, City of Sparks
Austin Mills, Vice Chair,
Washoe County School District
Robert Allen, City of Reno
Jenn Felter, Washoe County
Shane Akerson, Truckee Meadow Fire
Protection District

*****Meeting Minutes*****

Thursday, June 15, 2023

This meeting was scheduled to begin directly after the 800 MHz Users Committee meeting but will not begin earlier than 10:30 a.m.

**Washoe County Administration Complex
1001 East Ninth Street, Reno, Nevada, 89512
Building A, Second Floor Caucus Room**

This meeting was held at the physical location with a teleconference option.

Committee website: https://www.washoecounty.gov/technology/board_committees/800mhz_users/index.php

AGENDA

1. CALL TO ORDER AND DETERMINATION OF QUORUM [Non-Action Item]

The meeting was called to order at 10:30 a.m. Vice-Chair Shane Akerson was Acting Chair.

Present

- | | |
|--|---------------|
| • City of Reno | Robert Allen |
| • Washoe County School District | Austin Mills |
| • Truckee Meadows Fire Protection District | Shane Akerson |
| • Washoe County | Jenn Felter |

Absent

- | | |
|------------------|--------------|
| • City of Sparks | Keith Mullen |
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Washoe County Deputy District Attorney Brandon Price was present.

2. PUBLIC COMMENT [Non-Action Item] – Comment heard under this item will be limited to three (3) minutes per person and may pertain to matters both on and off the P25 Technical Advisory Committee agenda. However, action may not be taken on any matter raised during this public comment period until the matter is specifically listed on an agenda as an action item. Each person addressing the Committee shall give their first and last name. Comments are to be made to the P25 Technical Advisory Committee as a whole.



QUALITY
PUBLIC SERVICE



INTEGRITY



EFFECTIVE
COMMUNICATION

P25 Technical Advisory Committee

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There was no response to the call for public comment; no emails had been submitted prior to the meeting.

3. **APPROVAL OF MARCH 16, 2023, MINUTES** [For Possible Action] – Committee members may identify any additions or corrections to the draft minutes as transcribed.

Jenn Felter, Washoe County, moved to approve the minutes as written; Shane Akerson, Truckee Meadows Fire Protection District, provided the second. There was no response to the call for Committee or public comment. Upon a call for the vote, the motion carried unanimously.

4. **NEVADA SHARED RADIO SYSTEM UPDATE** [Non-Action Item] – A review, status update, and discussion on the progress of Washoe County, NDOT, and NV Energy on the Nevada Shared Radio System (NSRS) project, including but not limited to: progress of planning, design and construction activities in Region 2 of NSRS, end-user equipment installation and programming, and project expenses. *Quinn Korbolic & Melissa Lawney, Washoe County Technology Services*

Melissa Lawney, Washoe County Technology Services, reviewed her [presentation](#) reviewing the System Status Update focusing on planned outages and impacts, P25 line and antenna installations, P25 project progress (greenfield sites, dispatch updates, mobile installations, core acceptance). Outages are planned focused on Wednesdays and times can shift based on events dispatch may be experiencing. She spoke to the generator failure at the NOC that continued to fail impacting all radios; all users were encouraged to reach out when issues are experienced. It was stressed that all radios will need to be updated to find the new sites.

 Microwave Deployment	 P25 Line & Antenna Installations
<ul style="list-style-type: none">• Planned Outage Ranges<ul style="list-style-type: none">• Fox- Virginia: June 28, 2023<ul style="list-style-type: none">• Affects Gerlach Deputies, Washoe County Roads division north of Gerlach, and Pyramid Lake Fire.• Peavine -Spark's Dispatch: July 5, 2023<ul style="list-style-type: none">• Affects Sparks Dispatch Consoles• Peavine -Spark's Dispatch: 7/12/2023• Virginia Peak – Marble Bluff: 7/19/23<ul style="list-style-type: none">• Pyramid Lake Tribal Areas around the Lake• Marble Bluff- Poito: 7/26/23<ul style="list-style-type: none">• Should no affect any radio users	<ul style="list-style-type: none">• P25 Line/Antenna<ul style="list-style-type: none">• <u>Fox:</u> June 28, 2023- July 5, 2023• <u>Peavine:</u> July 5, 2023- July 10, 2023• <u>Cold Springs:</u> July 17, 2023- July 19, 2023• <u>Marble Bluff:</u> July 20, 2023- July 24, 2023• <u>Poito:</u> July 27, 2023- August 2, 2023• <u>Snowflake:</u> August 4, 2023- August 8, 2023• <u>Incline SOW:</u> August 9, 2023- August 11, 2023• <u>Rose:</u> August 18, 2023- August 21, 2023

The Seven Lakes site has been assigned a BLM registration number so they can now begin to validate the submittals; appreciation for NDOTs help to move that forward was expressed. The Ash Fields site has a draft lease agreement and still needs JOC and Board of County Commissioners approvals before construction can begin. She spoke to the need for all sites with consideration of timing based on budget availability. Several sites have been identified to be pulled from L3Harris in order to pursue implementing a Construction Manager at Risk (CMAR) approach.

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Currently, Red Peak operates through a lease agreement with American Tower. A cost-benefit analysis has been done for this site resulting in the plan to move forward with building a new site resulting in a better return on investment over eight to ten years. The Cold Springs site is completely built and is pending inspections and connection to power. Some CORE system testing has been completed; the remainder will be done as part of Region Two Regional Acceptance. A Change Order has not yet been signed waiting additional follow-up on remaining Core testing, Activity Warehouse functionality, and demonstration that the functionality exists to load encryption keys to consoles.

Mobile radio installations started in May 2023; radio personalities have been consolidated, updated, and organized by pages. If agencies have not pre-paid for installation to one-touch, the cost will be \$450 for mobile installations and \$35 for radio “touch-up.” There was discussion of timing for mobile installation coordination. Contract pricing will be available for one year after full system acceptance. The one-touch is currently being supported by L3Harris with two full teams. The EDAC System will stay on for a year after P25 system acceptance.

NSRS members would like to have L3Harris report back on the status of outstanding issues that haven’t yet been addressed and are beginning to impact the ability to move forward.

5. **ONE-TOUCH MOBILE AND PORTABLE PROGRAMMING** [Non-Action Item] – A review and discussion of next steps to getting radios ready for the P25 Upgrade, including but not limited to, timeframes that L3Harris will be working on the radios, how to schedule time, and the prerequisites for getting all radios in the fleet touched. *Melissa Lawney, Washoe County Technology Services*

Melissa Lawney, Washoe County Technology Services, reviewed her [presentation](#) Asking agencies that haven’t yet provided input for programming scheduling. The Radio Shop has moved from 230 to 224 Edison. Longley Lane is the primary location for installations; installation times may vary depending on the type of equipment. Each radio will be provided a “birth certificate” with radio specific information that will also be added to MCM in the “notes” section. MCM clean-up is also going to occur with the updates.

6. **IN BUILDING COVERAGE INFRASTRUCTURE UPDATE** [Non-Action Item] – A review and discussion of in-building radio coverage infrastructure, to include but not be limited to, FCC licensing requirements, in-building system registration requirements, and various technologies related to in-building radio system coverage. *Melissa Lawney, Washoe County Technology Services*

Melissa Lawney, Washoe County Technology Services, reviewed the [presentation](#) for this item. Efforts are ongoing to define the requirements reflecting the current Code requirements and potential local Code changes that may be necessary. Currently, most bi-directional amplifiers (BDAs) are not currently registered and have not been inspected; with the upgrade to frequencies, they will not work in future state. Community outreach is planned to work with owners of existing equipment for registration and inspection (fire and communication system team). A website with the information and necessary forms is being developed and building permit workflow will be updated for all the agencies. The County is moving forward with the

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higher level of requirements (Class A) and will implement a system for annual inspections. There will be a need to help education users and vendors of the standards and steps to properly install and maintain the equipment.

7. **P25 TECHNICAL ADVISORY COMMITTEE MEMBER/STAFF ANNOUNCEMENTS, REQUESTS FOR INFORMATION AND SELECTION OF TOPICS FOR FUTURE AGENDAS** [Non-Action Item] – No discussion among P25 Technical Advisory Committee members will take place on this item. The next regular meeting is scheduled for September 21, 2023, after the conclusion of the 800 MHz Users meeting and no earlier than 10:30 a.m.

Shawn Tayler, Reno, Nevada, requested a future agenda item to discuss the options for Over-the-Air-Programming to provide clarification on current capabilities. DDA Price advised the item could be discussed as part of a future agenda if decided on by the Chair.

8. **PUBLIC COMMENT** [Non-Action Item] – Comment heard under this item will be limited to three (3) minutes per person and may pertain to matters both on and off the P25 Technical Advisory Committee agenda. However, action may not be taken on any matter raised during this public comment period until the matter is specifically listed on an agenda as an action item. Each person addressing the Committee shall give their first and last name. Comments are to be made to the P25 Technical Advisory Committee as a whole.

There was no response to the call for public comment.

9. **ADJOURNMENT** [Non-Action Item]

The meeting adjourned at 11:31 a.m.

Approved as written in session March 21, 2024.