

WASHOE COUNTY REGIONAL COMMUNICATION SYSTEM

P25 Joint Operating Committee

Tracy Moore, Chair
Ryan Sommers, Vice-chair
Vacant, Secretary

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

**Friday, July 15, 2022
10:00 a.m.**

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

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

Committee website:

https://www.washoecounty.gov/technology/board_committees/800mhz_joc/index.php

Agenda

1. CALL TO ORDER/ROLL CALL [Non-action item]

The meeting was called to order at 10:00 a.m.

Present

- | | |
|---|---------------|
| • City of Reno | Dave Cochran |
| • City of Sparks | Jim Kindness |
| • Nevada Air National Guard | Todd Curtis |
| • North Lake Tahoe Fire Protection District | Ryan Sommers |
| • Reno-Tahoe Airport Authority | Tracy Moore |
| • Truckee Meadows Fire Protection District | Charlie Moore |
| • UNR | Ed Atwell |
| • US Dept. of Veteran Affairs | Bryan Boren |
| • Washoe County | Russ Pedersen |
| • Washoe County School District | Jon Kelly |

Absent

- Reno-Sparks Indian Colony (vacant)
- Truckee Meadows Water Authority
- US DEA (vacant)

Washoe County Deputy District Attorney Keith Munro was also present.



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- 2. PUBLIC COMMENTS** [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 Radio System Joint Operating Committee agenda. The P25 Radio System Joint Operating Committee will also hear public comment during individual action items, with comment limited to three (3) minutes per person. Comments are to be made to the P25 Radio System Joint Operating Committee as a whole.

There was no response to the call for public comment.

- 3. ELECTION OF OFFICERS** [For Possible Action]

- a. Secretary

No action was taken on this item.

- 4. APPOINTMENT OF P25 TECHNICAL ADVISORY COMMITTEE MEMBERS** [For Possible Action] A review, discussion, and possible action to appoint or reappoint three (3) members of the P25 Technical Advisory Committee with terms expiring July 16, 2022.

Agency	Appointee	Term	Date Appointed by JOC	Term Expiration
City of Reno	Robert Allen	2 year	4/15/2022	7/16/2022
City of Sparks	Keith Mullen	2 year	7/17/2020	7/16/2022
WCSD	Austin Mills	2 year	10/16/2020	7/16/2022
TMFPD	Chris Ketring	2 year	7/30/2021	7/16/2023
Washoe County	Jenn Felter	2 year	7/30/2021	7/16/2023

Dave Cochran, City of Reno, nominated and moved to appoint Robert Allen, City of Reno, to the P25 TAC to a new term to expire July 16, 2024. Ed Atwell, UNR, seconded the motion. There were no other nominations, and no public comment was provided. Upon a call for a vote, the motion carried unanimously.

Jim Kindness, City of Sparks, nominated and moved to appoint Keith Mullen, City of Sparks, to the P25 TAC to a new term to expire July 16, 2024. Ed Atwell, UNR, seconded the motion. There were no other nominations, and no public comment was provided. Upon a call for a vote, the motion carried unanimously.

Jon Kelly, Washoe County School District, nominated and moved to appoint Austin Mills, Washoe County School District, to the P25 TAC to a new term to expire July 16, 2024. Ed

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Atwell, UNR, seconded the motion. There were no other nominations, and no public comment was provided. Upon a call for a vote, the motion carried unanimously.

[This item reopened after Item 8.]


Charlie Moore, Truckee Meadows Fire Protection District, nominated and moved to appoint Shane Akerson, Truckee Meadows Fire Protection District, to fill the unexpired term (to expire July 16, 2023) vacated by Chris Ketring, Truckee Meadows Fire Protection District. David Curtis, Nevada Air National Guard, seconded the motion. There were no other nominations, and no public comment was provided. Upon a call for a vote, the motion carried unanimously.

5. **APPROVAL OF THE APRIL 15, 2022, MEETING MINUTES** [For Possible Action] – Committee members may identify any additions or corrections to the draft minutes as transcribed.

Charlie Moore, Truckee Meadows Fire Protection District, moved to approve the minutes as written. David Curtis, Nevada Air National Guard, 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.

6. **NEVADA SHARED RADIO SYSTEM PROJECT UPDATE** [For Discussion Only] – A review and discussion on the progress of the Nevada Share Radio System project including discussion on project schedule and impacts of the project specific to the Washoe County Regional Communications System. *Quinn Korbolic & Melissa Lawney, Washoe County Technology Services*

Melissa Lawney, Washoe County Technology Services, reviewed the [presentation](#) (Slides 2-5) for this item focusing on Outage and Site updates, and the SR10A.7 Core Upgrade. There is a month delay in all scheduled microwave installations. For the Core upgrade, scheduled for July 19, Dispatch and operators of a Symphony console are being asked to go to handheld radio operations 3-5 a.m.; the WCRCS team will be there at 2 a.m. No impact is expected in the field. A conference bridge will be opened for all outages.



Outage Updates

- Microwave Installation Schedule has been delayed- August 15th, 2022 new microwave Installation schedule starts
 - Subcontractors lacked the appropriate State of Nevada Contractors license, and Tower climbing certificates in order to conduct work required.
- 19 July SR10A.7 Core Upgrade will occur at 3AM to 5AM
 - Operators around the state will need to convert to manual Procedures during this time frame (Hand held Radio Operations)
 - Expected Downtime will be from 3AM- 5AM.
 - Conference bridge will be open for each outage event in case of major issues.

CONFERENCE BRIDGE
Powers, John (US) - PSPC is inviting you to a scheduled Zoom meeting.

Topic: NIRS L3Harris A7 Upgrade Support
Time: This is a recurring meeting Meet anytime

Join Zoom Meeting
<https://l3harris.zoom.us/j/1615407961?pwd=ckN1ZURHYaZEkyVWpYZ2ZkM2pGVm5kd0R9>

Meeting ID: 161 540 7961
Passcode: 415081
One tap mobile
+16092545252,,1615407961,,*415081# US (San Jose)
+16468287666,,1615407961,,*415081# US (New York)

Dial by your location
+1 609 254 5252 US (San Jose)
+1 646 828 7666 US (New York)
+1 609 216 1500 US (San Jose)
+1 951 285 1373 US
Meeting ID: 161 540 7961
Passcode: 415081
Find your local number: <https://l3harris.zoom.us/j/1615407961>

Join by SP
1615407961@jlp.zoomgov.com

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SR10A.7 Core Upgrade						
Task	Start Date	End Date	Time	Service Impacting?	Member needed?	L3Harris
7/17/2022 – UAS Lockdown – until 07/27/22	Sunday, July 17, 2022	Wednesday, July 27, 2022	0000-2400	No UAS Changes	NO	NO
7/18/2022 – 7/19/2022 Day (No impact on service)	Monday, July 18, 2022	Tuesday, July 19, 2022	0700-2400	NO	NO	Remote
•System wide Software/Hardware Audit				NO	NO	Remote
•Begin system Backup procedure (UAS, VMs, etc)				NO	NO	Remote
7/19/2022 Morning (Required outage 3am to 5 am.)	Tuesday, July 19, 2022	Tuesday, July 19, 2022	0300-0500	YES - Entire period	YES	Remote, local backup
•System fail over from Secondary cores to Primary cores.						Remote, local backup
•Begin IOS upgrade on Core network gear. Expected outage of 2 hours for Router/Switch connecting EMG and existing cores.						Remote, local backup
7/20/2022 (No impact to service)	Wednesday, July 20, 2022	Friday, July 22, 2022		NO		Remote, local backup
•Begin Secondary Core Upgrades (Application software)						Remote, local backup
•Expected 2 days						Remote, local backup
•Complete Secondary Core Upgrades.	Friday, July 22, 2022	Friday, July 22, 2022		NO		Remote, local backup
7/25/2022 (Brief impact during Core failover)	Monday, July 25, 2022	Monday, July 25, 2022	0700-0800	Yes - brief, no end user impact because these are the .7 cores, not .1	Recommended, on-call	Remote, local backup
•Fail Primary Cores to Secondary Cores						Remote, local backup
•Begin Primary Core Upgrade (Application Software)						Remote, local backup
•Fail over Secondary Cores back to Primary Cores (brief impact during this failover)	Wednesday, July 27, 2022	Wednesday, July 27, 2022	0700-0800	Yes - brief, no end user impact because these are the .7 cores, not .1	Recommended, on-call	Remote, local backup
•System Upgrade complete						Remote, local backup
System will be monitored over the next two weeks on a daily basis for any issues						Remote, local backup



Site Updates

- Lease for Ash Field site
- Cold Springs SUP approval
 - Next Step: Right-of-way approval
 - Scheduled to begin construction in August
- Still working on Smokey Quartz & Seven Lakes BLM permitting.
- Microwave system (partially) delivered and scheduled to start install in mid-late august.

7. **P25 SYSTEM CONSTRUCTION COST INCREASES** [For Possible Action] – A review, discussion, and possible action to provide direction to staff related to cost increases for greenfield P25 Radio Site(s) civil construction including radio towers, equipment shelters, and power systems. *Quinn Korbolic & Melissa Lawney, Washoe County Technology Services.*

Quinn Korbolic and Melissa Lawney, Washoe County Technology Services, reviewed the [presentation](#) (Slides 6-28) for this item covering the following:

- Funding history and payments to date
- Cost increase discussion
 - Sites

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- Impacts
- Timeline – Need additional funds in FY24
- Relevant WCRCS P25 Interlocal provisions
- Next Steps
 - Work with L3Harris on Change Order
 - Determine cost increase by agency
 - Discuss with agency finance representatives
 - Discuss strategies for payment

The Site Civil Allowance portions of the contract were based on low estimates available at the time of the original contract (2017) and require a change order once the actual quotes are determined. As such, the current projections estimate an approximate \$3.7 million overage. Staff has been working with L3Harris to find cost efficiencies. Another consideration is self-build which the State of Nevada has also explored. Site buildout details were reviewed for each of the new sites including the booked value, the civils true-up, the variance and the site development cost breakdowns, contract mark-ups, and coverage.

 P25 Site Infrastructure Cost Increases			
Washoe County Sites	Change Order #11 Costs	New Cost Estimate	Variance
Ash Fields	\$ 996,631.85	\$ 1,830,458.08	\$ 833,826.00
Biltmore	\$ 273,188.00	\$ 608,015.00	\$ 334,827.00
Cold Springs	\$ 554,118.71	\$ 752,900.54	\$ 198,782.00
Red Peak	\$ 637,876.52	\$ 1,236,431.28	\$ 598,555.00
Seven Lakes	\$ 996,631.85	\$ 2,179,581.83	\$ 1,182,950.00
Smokey Quartz	\$ 554,118.71	\$ 1,188,148.30	\$ 634,030.00
Site Development Total	\$ 4,012,565.64	\$ 7,795,535.03	\$ 3,782,970.00

Mr. Korbolic reviewed Section 13 of the current Interlocal Agreement pointing out that it does not look to have anticipated contribution adjustments based on new or increased expenses. Therefore, Washoe County would like to work with legal and finance teams to find a way to accommodate this situation, such as an amendment or secondary agreement. Charlie Moore, Truckee Meadows Fire Protection District, asked if a contingency amount had been included in the original bond financing. Mr. Korbolic indicated none was included in order to obtain the lowest amount necessary. Next steps were reviewed as shown next page.


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P25 System Construction Cost Increase – Next Steps

- Next steps – Additional funds will be needed starting in Fiscal Year 24 (July 1, 2023)
 - Work with L3Harris on Change Order
 - Currently some of the estimates are rough order of magnitude (ROM)
 - Washoe County will explore alternatives to reduce cost while still maintaining the planned sites and/or coverage.
 - Determine cost increase by agency
 - Cost distribution would be proportionate to use of the system – same as Interlocal agreement.
 - Discuss with agency finance representatives
 - Determine best strategies to cover the additional costs.

Ed Atwell, UNR, indicated he like to be able to review the full projections with the amount per agency provided, and he'd like staff to return with options for delaying site development. He questioned whether an option would be to increase the contribution amount.

Charlie Moore, Truckee Meadows Fire Protection District, suggested there may be a need to also plan for unexpected or additional cost overages before the completion of the project. He questioned the possibility to petition Washoe County for American Rescue Plan Act (ARPA) funds.

8. **P25 RADIO SYSTEM JOINT OPERATING COMMITTEE MEMBERS AND/OR STAFF ANNOUNCEMENTS, REQUESTS FOR INFORMATION AND SELECTION OF TOPICS FOR FUTURE AGENDAS** [Non-action item] – The next meeting of the P25 Radio System Joint Operating Committee is scheduled for October 21, 2022.

- Item 7
- Election of Chair & Secretary

9. **PUBLIC COMMENTS** [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 Radio System Joint Operating Committee agenda. The P25 Radio System Joint Operating Committee will also hear public comment during individual action items, with comment limited to three (3) minutes per person. Comments are to be made to the P25 Radio System Joint Operating Committee as a whole.

Chair Moore acknowledged Shawn Taylor's continued involvement.

10. **ADJOURNMENT** [Non-action item]

The meeting adjourned at 11:19 a.m.

Approved as written in session October 21, 2022.