

**Wyoming Department of Transportation
Public Safety Communications Commission
Business Meeting Packet**



**VIDEOCONFERENCE BUSINESS
MEETING**

Wednesday, February 8, 2023, at 1:30 p.m.



Mark Gordon
Governor
K. Luke Reiner
Director

Wyoming Public Safety Communications Commission

Complete Packet Index



Mark Harshman
Chairman
Telephone No.:
(307) 777-4015

Index Tab

Contents

1 - Agenda	Business Meeting Agenda
2 - Approval of Minutes	Draft October 26, 2022 Business Meeting Minutes
3 - WyoLink Applications	WyoLink Applications for Carbon County EMS, City of Cheyenne Public Works Department, South Lincoln EMS, and Town of Wright Emergency Management
4 - NG911 Updates	Wyoming APCO/NENA Phase I & II Call Services Information
5 - WyoLink 16-Tower Update	16-Tower Buildout Report
6 - WyoLink Operational Update	WyoLink Statistics Report
7 - Terms & Acronyms Reference	Frequently Used Terms & Acronyms
8 - Statutory Reference	Wyoming Statute Title 9, Chapter 2, Article 11



Mark Gordon
Governor
K. Luke Reiner
Director

Wyoming Department of Transportation

PUBLIC SAFETY COMMUNICATIONS COMMISSION

Business Meeting Agenda

| February 8, 2023, at 1:30 P.M. | Zoom Webinar – Call Secretary for Information at 777-4015 |



Mark Harshman
Chairman
Telephone No.:
(307) 777-4015

I. CALL TO ORDER

II. ROLL CALL

III. INTRODUCTIONS

IV. CHANGES/ADDITIONS TO AGENDA *(Tab 1)*

V. ACTION ITEMS

1. _____ Consideration of October 26, 2022, Draft Meeting Minutes *(Tab 2)*
2. _____ Consideration of WyoLink Applications – Mr. Gardiner *(Tab 3)*
 - A. ___ Carbon County Emergency Management
 - B. ___ City of Cheyenne Public Works Department
 - C. ___ Town of Wright Emergency Management
 - D. ___ South Lincoln Emergency Medical Services
 - E. ___ City of Gillette Utilities

VI. UPDATES/DISCUSSION

1. _____ Director's Report – Director Reiner
2. _____ Chief Technology Officer's Report – Mr. Smolinski
 - A. ___ NG911 Updates – Ms. Binning and Mr. Smolinski
 - i. ___ Wyoming APCO/NENA Phase I/Phase II Call Services *(Tab 4)* – Ms. Binning and Commissioner McClain
3. _____ Emergency Communications Program Report – Mr. Smolinski
 - A. ___ 16-Tower Buildout Report *(Tab 5)* – Mr. Smolinski
 - B. ___ WyoLink Operational Updates – Mr. Gardiner
 - i. ___ WyoLink System Reports *(Tab 6)* – Mr. Smolinski and Mr. Gardiner
 - ii. ___ WyoLink System Upgrades – Mr. Gardiner
 - C. ___ Statewide Interoperability Coordination Updates – Mr. Smolinski
 - i. ___ ARPA Update/Local Funding
 - ii. ___ PSCC Work Groups
 - D. ___ Front Line/FirstNet Updates – Mr. Smolinski
 - i. ___ Front Line Presentation – Bob DeRosa

The order of agenda is subject to change. The State of Wyoming supports the Americans with Disabilities Act. Anyone needing aid should contact the Commission Secretary at 307-777-4015. Every effort will be made for reasonable accommodations.



Mark Gordon
Governor
K. Luke Reiner
Director

Wyoming Department of Transportation

PUBLIC SAFETY COMMUNICATIONS COMMISSION

Business Meeting Agenda

| February 8, 2023, at 1:30 P.M. | Zoom Webinar – Call Secretary for Information at 777-4015 |



Mark Harshman
Chairman
Telephone No.:
(307) 777-4015

VII. ANNOUNCEMENTS

1. _____ In-person Meeting Locations

VIII. PUBLIC COMMENT

IX. ADJOURNMENT

The order of agenda is subject to change. The State of Wyoming supports the Americans with Disabilities Act. Anyone needing aid should contact the Commission Secretary at 307-777-4015. Every effort will be made for reasonable accommodations.



Mark Gordon
Governor
K. Luke Reiner
Director

Wyoming Department of Transportation

PUBLIC SAFETY COMMUNICATIONS COMMISSION

Draft Meeting Minutes



Mark Harshman
Chairman
Telephone No.:
(307) 777-4015

I. Call to Order

The Public Safety Communications Commission (PSCC) met via videoconference on Wednesday, October 26, 2022. Chairman Mark Harshman presided, calling the meeting to order at 1:30 p.m.

II. Roll Call

The following members were present constituting a quorum:

Paul Bertoglio, Commissioner	Monte McClain, Commissioner
Matt Carr, Commissioner	Owen St. Clair, Commissioner
Mike Choma, Commissioner	John Wetzel, Commissioner
Phillip Franklin, Commissioner	Forrest Williams, Commissioner

Commissioners Jonathan Downing, Dwane Pacheco, and Cindi Shank were absent.

III. Introductions

The following attendees participated in the meeting:

Nathan Smolinski, Interim Chief Technology Officer & Emergency Communications Manager	Aimee Binning, 911 Planning Coordinator
Neil Gardiner, WyoLink Support Manager	Kimberly Chapman, Commission Secretary

IV. Agenda Adjustments

No adjustments were made to the agenda.

V. Action Items

1. Draft Meeting Minutes

It was moved by Commissioner Choma, seconded by Commissioner Bertoglio, and unanimously carried to approve the August 10, 2022, business meeting and August 9, 2022, education session minutes.

2. WyoLink Applications

It was recommended by Mr. Gardiner, moved by Commissioner Bertoglio, seconded by Commissioner McClain, and unanimously carried to approve the applications from Evanston Regional Hospital, Kemmerer Volunteer Fire Department, and Park County School District #1.

VI. Updates/Discussions

1. Director's Update

Mr. Smolinski provided an update on behalf of Director Reiner.

Federal Updates

National Electric Vehicle Infrastructure (NEVI) Plan

Mr. Smolinski reported that WYDOT submitted its plan, which included 11 exception requests. Only three of the 11 requests were approved, and the department has received limited information on why the other eight requests were denied. WYDOT will move forward on the three approved locations.

General Department Updates

WYDOT Town Halls

The director has been conducting another round of town halls statewide to connect with employees. Five town halls have been held so far and two, final meetings will take place on Monday, October 31, 2022, in Cheyenne. The town halls provide the director with a great opportunity to update employees on important issues, answer questions, and address employee concerns.

Snow Plan

Director Reiner is working to update WYDOT's snow removal plan. With many snowplow driver vacancies, it is going to be difficult to maintain the same level of service this winter as was provided in the past. The department plans to move assets around the state, as needed, to respond to local or regional storms.

The department is also seeking current employees who have, could renew, or are willing to obtain a commercial driver's license. Properly licensed employees will be trained and added to a list of reserve snowplow drivers.

Wyoming Travel Authorization Program (WTAP)

Mr. Smolinski reminded commissioners about WTAP, which allows motorists to receive authorization to drive on sections of closed roadways when safe enough for travel. Interested travelers may register for the program on WYDOT's website.

Joint Transportation Committee (JTC) Meeting

The JTC will meet November 2-3, 2022, in Cheyenne. The Wyoming County Commissioners Association is bringing two WyoLink funding bills before the JTC. One bill would provide an allotment, every biennium, from the general fund to maintain and grow the system. The other bill would establish a trust fund to permanently fund WyoLink. WYDOT supports both pieces of legislation and will provide testimony to the JTC on November 3rd.

Drafts of these two bills were sent to the commission yesterday. Mr. Smolinski encouraged commissioners to review the proposed bills and to contact him with any questions.

Following a question from Commissioner Choma, Mr. Smolinski requested that commissioners let him know if they would like to provide public comment in support of WyoLink during the committee meeting.

Chief Technology Officer Vacancy

Interviews for the new chief technology officer are currently underway. The director hopes to announce the successful candidate soon.

2. Technology Division's Report

Mr. Smolinski and Ms. Binning presented a combined update.

General Updates

Mr. Smolinski reported that new laptops from the fiscal year (FY) 2022 replacement cycle are being distributed. The department is running about a year behind on laptop replacements, because docking stations were backordered.

A 1.6 gigabit microwave radio hop from the Century Link Building (location of the Transportation Management Center [TMC] and dispatch) to headquarters is scheduled for installation. This will provide a secondary route for network connectivity and will help WYDOT better maintain operations. The installation should be complete by the end of November 2022.

During a recent reorganization in the Emergency Communications Program, two sections—WyoLink and microwave—were merged to streamline operations and improve efficiency. The combined section is managed by Mr. Gardiner.

The FY 2023 budget has been approved. With the current supply chain issues, orders that would have been placed later in the year were moved up to mitigate any backorders or shipping delays caused by the supply chain crisis.

Next Generation 911 (NG911) Updates

Ms. Binning reported that the technology and geographic information systems (GIS) working groups resumed their work. The groups may bring suggestions to the commission in the future for their consideration, but the groups are currently focusing on the priorities in the NG911 plan and tasks relevant to technology and GIS standards.

Attempts to provide federal funding for NG911 were unsuccessful after legislation failed in the U.S. Senate. There will be no federal grant opportunities for NG911 in the near future.

The Wyoming Association of Public-Safety Communications Officials (APCO) and National Emergency Number Association (NENA) will meet November 13-16, 2022, in Casper. Commissioner McClain, who is also the president of Wyoming APCO/NENA, shared that NG911 will be a major topic at the conference. Training and federal updates will also be provided to Wyoming's telecommunicators.

Last March, Ms. Binning submitted reports to the Federal Communications Commission and 911.gov detailing Wyoming's NG911 implementation progress. Two survey questions included in the report sought to determine total calls received by a public safety answering point (PSAP) and total number of calls transferred to another entity. The survey results indicated that 20 million calls in Wyoming are transferred because of a tower location. For example, a 911 call placed in Alpine on a mobile number will be routed through the nearest tower, which is in Idaho, and then sent to a PSAP in Idaho instead of the Star Valley PSAP, which can cause substantial delays.

NG911 requires location-based routing determined by GPS coordinates. GIS information is critical in preventing misrouted calls as Wyoming transitions to NG911. Certain laws will help telecommunicators better respond to emergency calls and route resources to the correct location. Kari's Law and the RAY BAUM's Act require 911 direct dialing from multi-line telephone systems and must include a geographically-accurate, "dispatchable" location.

Mr. Smolinski informed the commission that Wyoming's Enterprise Technology Services (ETS) will appear before the Joint Appropriations Committee on October 27, 2022, to provide testimony in support of a draft bill that would allow an ETS state chief information officer to appoint a cybersecurity division and a GIS division. Mr. Smolinski will provide support for the draft bill as it would help in establishing standards in GIS for NG911 implementation. Mr. Smolinski would appreciate assistance from any commissioners who would like to support the draft bill. Chairman Harshman encouraged commissioners to review the bill.

3. Emergency Communications Program Manager's Report

Mr. Smolinski provided his update. The update also included information presented by Mr. Gardiner regarding WyoLink operations.

16 Tower Buildout Report

Mr. Smolinski reported on recent activity at several of the WyoLink sites. The Buffalo, Orin Junction, Wright, Jackson, Greybull, Lusk, Alcova, Alva, Rock Springs-Blairtown, and 14-Mile sites are all fully operational with positive reports on improved reception and functionality.

Construction at the Ten Sleep-Meadowlark site was paused on October 24th due to adverse weather conditions. Unless conditions dramatically improve over the next few weeks, construction will pause until the next construction season.

Construction is mostly complete at the Northern Goshen County site. Field network equipment will be installed in the next two weeks, and the backhaul connection, which will be fiber optic, has been ordered. Mr. Smolinski anticipates the site will be online by November.

The team broke ground at the Newcastle site on October 10th, and construction is moving quickly. Since this site is a collocate with a Union Telephone tower, it is possible that field network equipment will be installed by the end of the year.

Field network equipment was installed at the Evanston site, and crews are currently working to bring the microwave connection online. The site may be ready for testing next week, which is the last step before the site is fully online. This site has a long range and will most likely improve reception for several users in that area.

Field network equipment is scheduled to be installed at the Northern Big Horn County-Little Sheep Mountain site the first week of November. Fiber optic is currently being installed as well. Construction started on August 5th, and the construction crew is efficiently and effectively completing the build.

All of the leases, funding, and permissions are in place for the Bondurant site, but construction will probably be delayed until spring 2023 due to weather. This site will most likely be referred to as the Kismet Ridge site in the future.

Mr. Smolinski also shared a photographic slideshow of the progress at several of the sites. Following questions from Commissioners Choma and McClain, Mr. Smolinski clarified that if testing goes well at Evanston and Little Sheep Mountain then both sites could be operational in a few weeks. If necessary, WYDOT resources (snowcats, tracked ATVs, etc.) will be used to ensure technicians can complete turn-up at both sites.

WyoLink Operational Updates

WyoLink System Reports

Mr. Gardiner shared WyoLink usage data from the fourth quarter (Q4) of 2022. The number of push-to-talks and airtime minutes was higher than the previous quarter, mostly due to seasonal influences, but totals were also higher than the same quarter in 2021. The average airtime between July and September 2022 was 175, 000 minutes, which is up 25,000 from the same time period in 2021.

The top 20 talkgroups for Q4 were mainly law enforcement agencies.

WyoLink System Upgrades

Mr. Gardiner reported that 11 sites were upgraded to GTR base stations/repeaters. There are 76 Very High Frequency (VHF) WyoLink sites currently operating, and 41 have been upgraded. Thirty-five sites still need to be upgraded, and the team will continue to convert the systems over the winter, weather permitting.

Additional channels have been added to the system. Aspen Mountain, Casper Port of Entry, Gillette, and Lander have all received (or will soon receive) an extra channel at each site. Rozet Hill, Hogsback Ridge, and Copper Mountain will soon receive additional channels as those sites were showing the most “busies.” The sites will also receive additional repeaters to handle radio traffic.

Mr. Gardiner updated the commission on the service aggregated router (SAR) NPLS project. In addition to Ethernet, these routers also handle the microwave network at the WyoLink towers, which provides additional connectivity between the radio sites. The new routers will ensure a more robust system with extra backhaul. Technicians began installing the routers in northern Wyoming.

Converting sites from T1 technology to Ethernet will take a great deal of coordination between the WyoLink office and field personnel. Technicians will need to be at each site as the new routers are installed as well as at the core sites in either Casper or Cheyenne. Someone from the microwave team also needs to be on site to ensure the microwave network is correctly converted to Ethernet.

The SAR NPLS conversion will continue through the winter, weather permitting. Following a question from Chairman Harshman, Mr. Gardiner reported that some sites will experience a slight outage while the new router is installed, depending on the amount of redundancy at each site.

Mr. Gardiner reported that the Genesis system—the department’s management, monitoring, and reporting software—will be upgraded. This system manages the subscriber radios and the radio transmissions rather than the physical radio sites and infrastructure. Two new servers will be installed in Casper and Cheyenne today and will be programmed by Genesis next week.

Smart and Critical Connect

Mr. Gardiner reported that significant progress had been made to integrate Critical Connect into the WyoLink system. Critical Connect allows WyoLink subscribers to connect with other users on the same network or even on other emergency communications networks using either a radio or mobile phone. It is operated through a patch portal, which allows WyoLink talkgroups to be connected with other groups like Verizon and AT&T.

The system will be tested using the Wyoming Highway Patrol and groups in Cheyenne. The team is also looking to set up a talkgroup with Montana to test the system’s interoperable communications. Mr. Gardiner stressed the importance of the testing phase as it allows the team to work through any obstacles before it is released statewide and system issues would be magnified.

Statewide Interoperability Coordination Updates

WYDOT/American Rescue Plan Act (ARPA) Funds for Local Agencies

Mr. Smolinski provided an update on the ARPA funds WYDOT is pursuing for WyoLink. Of the \$35 million requested, \$30.5 million will be used to support and maintain the system, and the remaining \$4.5 million will be granted to local agencies for the purchase of WyoLink compatible equipment. Over 100 applications were submitted by partnering agencies that totaled over \$18 million in requests. With assistance from members of the Wyoming Office of Homeland Security’s senior advisory committee, Mr. Smolinski and

his team reviewed the applications to make funding recommendations (full, partial, or none).

A status update was sent on October 19th informing applicants of the team's progress and providing an updated timeline. Mr. Smolinski and his team are currently submitting the requests and justifications to the state's ARPA portal. The State Budget Department, the Attorney General, and the Governor's office will review and approve requests. Once approval is received, a final notification detailing approval status and funding levels will be sent to applicants.

In addition to maintaining the WyoLink system, the \$30.5 million would also fund other "shovel ready" projects, like the construction of a new WyoLink tower near Sheridan.

Work is ongoing to revise the Tactical Interoperable Communications Plan, the State Communications Interoperable Plan, and the Federal Emergency Management Agency Communication Annex. Mr. Smolinski expressed his appreciation to all stakeholders who have given time and information to help update these three plans. Many county government employees met with Mr. Smolinski and Cybersecurity and Infrastructure Security Agency facilitators to integrate updated local plans into the state plan.

FirstNet/Front Line Updates

Verizon Front Line Presentation

Bob DeRosa, with Verizon Front Line, was unable to present at this time. Mr. Smolinski will invite him to present at the next meeting.

VII. Public Comment/Announcements

The 2023 meeting schedule was presented to the commission for consideration. It was moved by Commissioner Choma, seconded by Commissioner Carr, and unanimously carried to approve the 2023 PSCC meeting schedule.

The commission agreed to alternate in-person and videoconference meetings. It was moved by Commissioner McClain, seconded by Commissioner Carr, and unanimously carried to hold videoconference meetings in February and August and in-person meetings in May and October.

Ms. Chapman reminded the commission of the last two WYDOT town hall sessions on Monday, October 31, 2022.

Commissioners were assigned an online defensive driving course in order to drive WYDOT vehicles. Training links have been emailed to each commissioner.

There was no public comment.

VIII. Adjournment

It was moved by Commissioner Bertoglio, seconded by Commissioner McClain, and unanimously carried to adjourn the October 26, 2022, business meeting at 2:47 p.m.

**WYOLINK and WYOMING MUTUAL AID
APPLICATION FOR SYSTEM ACCESS OR NEW TALKGROUP**

Date: December 5, 2022

Requesting Agency: Carbon County Office of Emergency Management

Type of Request ☐ New Talkgroup Request
 X New Member
 ☐ Other _____

Type of Agency **First Responder**
 ☐ Law Enforcement
 ☐ Fire Department
 ☐ Emergency Medical Service
 ☐ Homeland Security
 ☐ Communications Center
 X Other - Emergency Management

Emergency Response Support
☐ Transportation
☐ Support – Red Cross, Salvation Army, etc.
☐ Weather Service
☐ Public Works
☐ Court Services
☐ Regulatory
X Other – Emergency Management

Radio System **X** WyoLink
 X Mutual Aid
 X SALECS

Reason for Request: A non-governmental entity shall apply for WyoLink Membership with the sponsorship of a public safety agency, attach letter from sponsoring public safety agency.

Carbon County Office of Emergency Management current has the 06EMA Talkgroup. This request is to have Carbon County Office of Emergency Management be it's own primary member of WyoLink and to not be under the Carbon County Sheriff's Office. Carbon County Office of Emergency Management does not report to the Sheriff's Office, it reports directly to the Board of County Commissioners. Once again, this request is to align Carbon County Office of Emergency Management properly and to not have it under the Sheriff's Office and have it be its own primary member of WyoLink.

(Attach Supporting Documentation)

8-31-2017

Name of individual completing application: Lenny Layman

Title: Carbon County Emergency Management Director

Address: PO Box #6, 215 West Buffalo Street, Rawlins, WY 82301

Phone: 307.328.2680

E-Mail Address: lennylayman@carbonwy.com

Signature: *Lenny Layman*

Send Completed Application to:

WyoLink
Wyoming Department of Transportation
5300 Bishop Boulevard
Cheyenne, WY 82009
E-Mail Address: wyolink@wyo.gov

Mutual Aid Channel Approval: _____
(If Requested) Wyoming Highway Patrol

Please complete the following for Mutual Aid Request:

Number of Mobile Radios:

Number of Portable Radios:

Number of Dispatch Centers:
(Control Stations)

**WYOLINK and WYOMING MUTUAL AID
APPLICATION FOR SYSTEM ACCESS OR NEW TALKGROUP**

Date: 1/13/23

Requesting Agency: City of Cheyenne Public Works Dept.

Type of Request

☐ New Talkgroup Request

☒ New Member

☐ Other _____

Type of Agency

First Responder

☐ Law Enforcement

☐ Fire Department

☐ Emergency Medical Service

☐ Homeland Security

☐ Communications Center

☒ Other Public Works

Emergency Response Support

☐ Transportation

☐ Support – Red Cross, Salvation Army, etc.

☐ Weather Service

☒ Public Works

☐ Court Services

☐ Regulatory

☐ Other _____

Radio System

☒ WyoLink

☐ Mutual Aid

☐ SALECS

Reason for Request: A non-governmental entity shall apply for WyoLink Membership with the sponsorship of a public safety agency, attach letter from sponsoring public safety agency.

To Communicate with emergency personnel in an event
of an emergency or big storm.

(Attach Supporting Documentation)

Name of individual completing application: Bryan Bell

Title: Fleet Maintenance Manager For City of Cheyenne

Address: 2731 Old Happy Jack Rd.

Phone: 307-637-6446

E-Mail Address: bbell@cheyennacity.org

Signature: Bryan N. Bell

Send Completed Application to:

WyoLink
Wyoming Department of Transportation
5300 Bishop Boulevard
Cheyenne, WY 82009
E-Mail Address: wyolink@wyo.gov

Mutual Aid Channel Approval: _____
(If Requested) Wyoming Highway Patrol

Please complete the following for Mutual Aid Request:

Number of Mobile Radios:

Number of Portable Radios:

Number of Dispatch Centers:
(Control Stations)

**WYOLINK and WYOMING MUTUAL AID
APPLICATION FOR SYSTEM ACCESS OR NEW TALKGROUP**

Date: January 23, 2023

Requesting Agency: South Lincoln EMS

Type of Request ☐ New Talkgroup Request
 ☐ XX New Member
 ☐ Other _____

Type of Agency **First Responder**
 ☐ Law Enforcement
 ☐ Fire Department
 ☐ XX Emergency Medical Service
 ☐ Homeland Security
 ☐ Communications Center
 ☐ Other _____

Emergency Response Support
 ☐ Transportation
 ☐ Support – Red Cross, Salvation Army, etc.
 ☐ Weather Service
 ☐ Public Works
 ☐ Court Services
 ☐ Regulatory
 ☐ Other _____

Radio System ☐ XX WyoLink
 ☐ Mutual Aid
 ☐ SALECS

Reason for Request: A non-governmental entity shall apply for WyoLink Membership with the sponsorship of a public safety agency, attach letter from sponsoring public safety agency.

Up grade to the Wyolink System.

(Attach Supporting Documentation)

Name of individual completing application: Scott
Meyers _____

Title: _EMS Director. _____

Address: __711 Ony Kemmerer WY
83101 _____

Phone: ____307-800-8686 _____

E-Mail Address: __smeyers@slhd.org _____

Signature:  _____

Send Completed Application to:

WyoLink
Wyoming Department of Transportation
5300 Bishop Boulevard
Cheyenne, WY 82009
E-Mail Address: wyolink@wyo.gov

Mutual Aid Channel Approval: _____
(If Requested) Wyoming Highway Patrol

Please complete the following for Mutual Aid Request:

Number of Mobile Radios: 7

Number of Portable Radios: 24

Number of Dispatch Centers: Lincoln County Sheriff's Office.
(Control Stations)

WYOLINK and WYOMING MUTUAL AID

APPLICATION FOR SYSTEM ACCESS OR NEW TALKGROUP

Date: **01-05-23**

Requesting Agency: **Town of Wright Emergency Management**

Type of Request ☒ **New Talkgroup Request**

☒ **New Member**

Other _____

Type of Agency First Responder

Law Enforcement

Fire Department

Emergency Medical Service

Homeland Security

Communications Center

☒ **Other Emergency Management & EOC**

Emergency Response Support

Transportation

Support – Red Cross, Salvation Army, etc.

Weather Service

Public Works

Court Services

Regulatory

☒ **Other Emergency Management & EOC**

Radio System ☒ **WyoLink**

☒ **Mutual Aid**

SALECS

Reason for Request: A non-governmental entity shall apply for WyoLink Membership with the sponsorship of a public safety agency, attach letter from sponsoring public safety agency.

The Town of Wright is developing an EOC for its Emergency Management program.

(Attach Supporting Documentation)

8-31-2017

Name of individual completing application: Robert R. (Robby) Gallob

Title: Wright EMC

Address: P.O. Box 70 395 Lariat Way Wright Wyoming 82732

Phone: (307)622-7411

E-Mail Address: robby@wrightwyoming.com

Signature: Robert R Gallob



Send Completed Application to:

WyoLink

Wyoming Department of Transportation

5300 Bishop Boulevard

Cheyenne, WY 82009

E-Mail Address: wyolink@wyo.gov

Mutual Aid Channel Approval: _____

**WYOLINK and WYOMING MUTUAL AID
APPLICATION FOR SYSTEM ACCESS OR NEW TALKGROUP**

Date: 02/03/2023

Requesting Agency: City of Gillette Utilities

Type of Request ☒ New Talkgroup Request
 ☒ New Member
 ☐ Other _____

Type of Agency **First Responder**
 ☐ Law Enforcement
 ☐ Fire Department
 ☐ Emergency Medical Service
 ☐ Homeland Security
 ☐ Communications Center
 ☐ Other _____

Emergency Response Support

☐ Transportation
☐ Support – Red Cross, Salvation Army, etc.
☐ Weather Service
☐ Public Works
☐ Court Services
☐ Regulatory
☒ Other: Electrical, Water and Wastewater Utilities

Radio System ☒ WyoLink
 ☐ Mutual Aid
 ☐ SALECS

Reason for Request: A non-governmental entity shall apply for WyoLink Membership with the sponsorship of a public safety agency, attach letter from sponsoring public safety agency.

(Attach Supporting Documentation)

Name of individual completing application: Mike Porter

Title: Information Technology Manager

Address: 201 E 5th Street, Gillette, WY 82716

Phone: 307-686-5365

E-Mail Address: mikep@gillettewy.gov

Signature: _____

Send Completed Application to:

WyoLink
Wyoming Department of Transportation
5300 Bishop Boulevard
Cheyenne, WY 82009
E-Mail Address: wyolink@wyo.gov

Mutual Aid Channel Approval: _____
(If Requested) Wyoming Highway Patrol

Please complete the following for Mutual Aid Request:

Number of Mobile Radios:

Number of Portable Radios:

Number of Dispatch Centers:
(Control Stations)

Enhanced 911 FCC Rules Information for Location Requirements

Enhanced 911 (E911)

Federal Communications Commission (FCC)

Background: In an emergency, the ability to locate wireless 911 callers quickly and accurately is of critical importance to first responders and those they are seeking to help. The Federal Communications Commission is the federal agency that creates location accuracy rules to improve its wireless E911 location accuracy for individuals calling 911. It adopts rules and sets forth additional proposals to reduce emergency response times and ultimately save lives by enabling 911 call centers and first responders to more accurately identify the location of a caller.

In 2015, the Commission adopted comprehensive rules to improve location accuracy for 911 wireless calls made from indoor locations. These rules established benchmarks and deadlines for wireless carriers to provide either (1) dispatchable location (generally, street address plus floor, apartment, or suite), or (2) coordinate-based location information to assist first responders in locating 911 callers. The Commission established accuracy metrics for horizontal location (x/y axis) information, but it deferred a decision on adopting a vertical location (z-axis) metric pending further testing. In March 2019, based on test results and public comment. Location rules are in place for E911 referenced as Phase 1 Phase 2 Rules and most recently the Rule for Z-axis accuracy of a caller using a wireless carrier.

Phase I: the FCC requires the wireless carriers to deliver to the appropriate PSAP the telephone number of the handset originating the 9-1-1 call (callback number) and the location of the cell site/sector receiving the 9-1-1 call.

Phase 2: requires the provider to furnish more precise information about the caller's location, usually to within 50 to 300 meters.

Voice Over Internet Calls (Voip): The [FCC](#) also announced compliance dates for the new E911 dispatchable location rules applicable to interconnected VoIP providers. For fixed interconnected VoIP services, providers must supply automated dispatchable location with each 911 call starting January 6, 2021.

Z-Axis requirements: The ability of first responders to locate 911 callers, challenges remain particularly for locating 911 callers in multi-story buildings. To ensure that first responders and Public Safety Answering Points (PSAPs) can find 911 callers quickly and accurately when a consumer calls from a multi-story building, the FCC adopt a vertical, or z-axis, location accuracy metric of plus or minus 3 meters relative to the handset for each of the benchmarks and geographic requirements previously established in the Commission's E911 wireless location accuracy rules. This action will more accurately identify the floor level for most 911 calls, reduce emergency response times, and save lives. Specific Wireless carriers, AT&T, Verizon, and T-Mobile certified that they had this capability and passed a certification within a lab environment by April 2023.

WYOLINK 16 Site Expansion Project Status

The following represents a brief update on the status and noteworthy accomplishments for each site location into the month February 2022.

- Buffalo
 - Site active (3/24/20) with reported coverage improvements in previous known trouble spots
- Orin Junction
 - Site active (4/20/20) with reported coverage improvements in previous known trouble spots
- Wright
 - Site active (6/26/20) with reported coverage improvements in previous known trouble spots
- Jackson
 - Site active (announced 1/11/21) with reported coverage improvements in previous known trouble spots
- Greybull
 - Site active (announced 1/11/21) with reported coverage improvements in previous known trouble spots
- Lusk
 - Site active (announced 4/21/21) with reported coverage improvements in previous known trouble spots
- Alcova
 - Site active (announced 4/21/21) with reported coverage improvements in previous known trouble spots
- Alva
 - Site active (announced 6/3/21) with reported coverage improvements in previous known trouble spots
- Rock Springs (Blairtown-Tank Hill)
 - Site active (announced 10/8/21) with reported coverage improvements in previous known trouble spots
- Rock Springs (14 Mile Hill)
 - Site active (announced 10/8/21) with reported coverage improvements in previous known trouble spots

- Ten Sleep (Meadowlark)
 - Construction resumed 7/21/22 and is underway throughout summer
 - Shelter and generator delays will affect site turn-up
 - Generator on-site, shelter construction continues
 - *On hold until access opens
- Northern Goshen County
 - Working on commercial backhaul provider installation with ETS - then site testing
- Newcastle
 - On hold until access opens
- Evanston
 - Site went into testing - discovered a backhaul issue needing to be addressed before site can go live
- North Big Horn County (Little Sheep Mnt)
 - On hold until access opens
 - Fiber being installed to the site
 - Tower equipment issue needing to be addressed
- Bondurant
 - Lease has been agreed upon between WYDOT and Sublette County, with AG for signatures
 - Approving transfer of FHWA funds for construction start-up

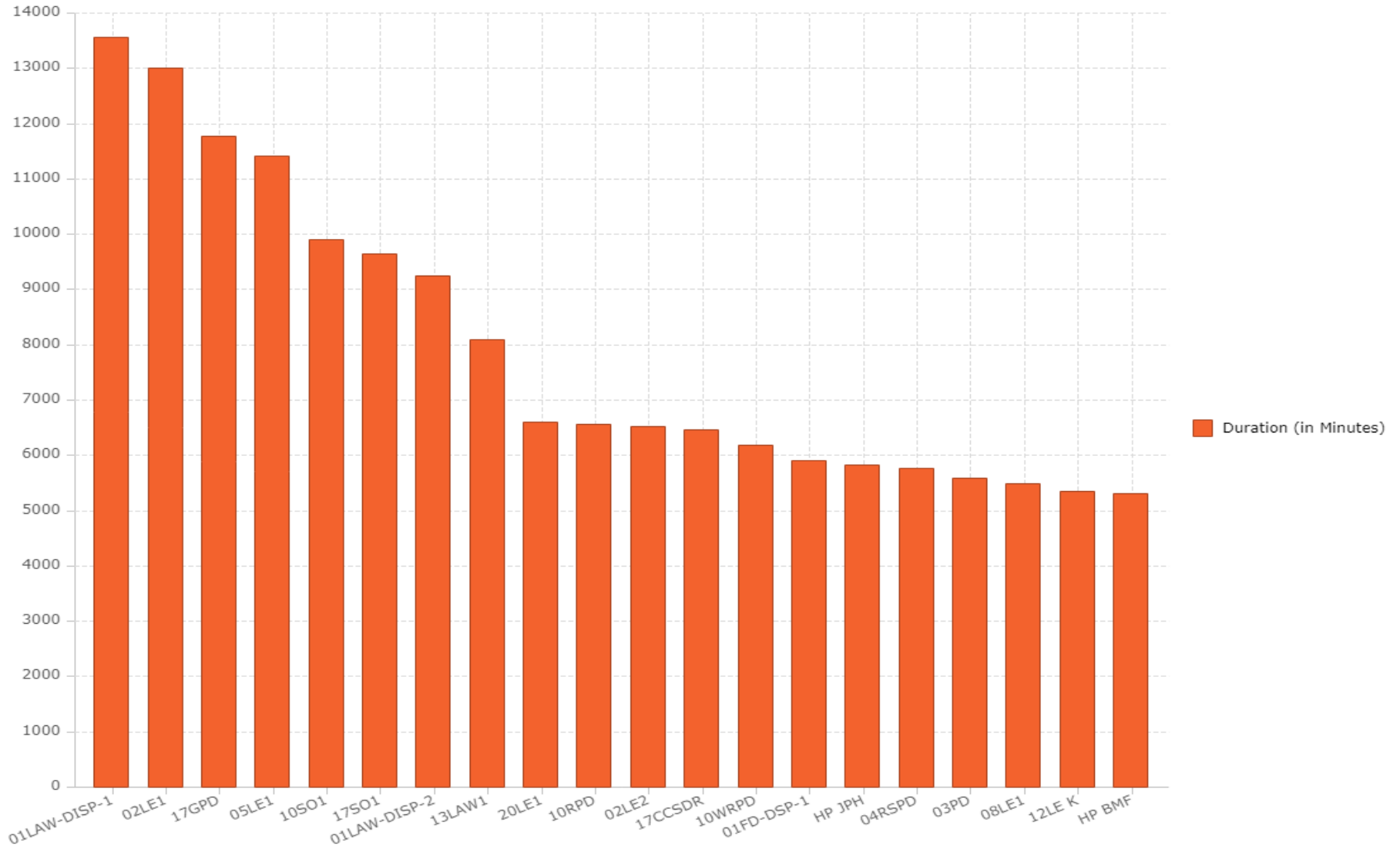
PSCC - Feb 8th 2023



SYSTEM STATISTICS

MONTH	PTTs	AIRTIME (minutes)
October '22	1,572,372	131,898.8
November '22	1,440,346	123,555.0
December '22	1,603,303	138,221.4

Top 20 Talkgroups





Mark Gordon
Governor
K. Luke Reiner
Director

WYOMING DEPARTMENT OF TRANSPORTATION

PUBLIC SAFETY COMMUNICATIONS COMMISSION

TERMS & ACRONYMS REFERENCE



Mark Harshman
Chairman
Telephone No.:
(307) 777-4015

AAR/IP	After Action Report/Improvement Plan
AASHTO	American Association of State Highway & Transportation Officials
ANSI/TIA	American National Standards Institute
APCO	Association of Public Safety Communication Officials
APIC	Association Project 25 Interface Committee
APWA	American Public Works Association
ARRL	American Radio Relay League
ASK	Advance System Key
BIDP	Border Interoperability Demonstration Project
CDP	Center for Domestic Preparedness
CIO	Chief Information Officer
COML	Communications Unit Leader
COMU	Communications Unit
CTO	Chief Technical Officer
DHS	Dept of Homeland Security
DUNS	Data Universal Numbering System
E911	Enhanced 911
EHP	Environmental & Historic Preservation
EMI	Emergency Management Institute
FCC	Federal Communications Commission
FCCA	Forestry Conservation Communications Association
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration

FIRSTNET	The National Public Safety Broadband Network
FPIC	Federal Partnership for Interoperable Communications
FRG	First Responders Group
GAA	Grant Award Agreement
GETS	Government Emergency Telecommunications Service
GHSAC	Governors Homeland Security Advisors Council
GPD	Grant Programs Directorate
HSGP	Homeland Security Grant Program
HSIN	Homeland Security Information Network
IAB	Interagency Board
IACP	International Association of Chiefs of Police
IAEM	International Association of Emergency Managers
IAFC	International Association of Fire Chiefs
ICMA	International City/County Management Association
KMF	Key Management Facility
LETPA	Law Enforcement Terrorism Prevention Activities
LMR	Land Mobile Radio
LTE	Long Term Evolution
MCC	Major Cities Chiefs Association (Police)
MCSA	Major County Sheriffs' Association
NACO	National Association of Counties
NASF	National Association of State Foresters
NASCIO	National Association of State Chief Information Officers
NAEMSO	National Association of State EMS Officials
NASNA	National Association of State 911 Administrators
NASPO	National Association of State Procurement Officers (<i>replaced WISCA</i>)



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NASTD	National Association of State Technology Directors
NATOA	National Association of Telecommunications Officers & Advisors
NCAI	National Congress of American Indians
NCHRP	National Cooperative Highway Research Program
NCJA	National Criminal Justice Association
NCSL	National Conference of State Legislatures
NCSWIC	National Council of Statewide Interoperability Coordinators
NDPC	National Domestic Preparedness Consortium
NECP	National Emergency Communications Plan
NEMA	National Emergency Management Association
NEMSMA	National EMS Management Association
NENA	National Emergency Number Association
NEPA	National Environmental Policy Act
NG911	Next Generation 911
NGA	National Governors Association
NIMS	National Incident Management System
NLC	National League of Cities
NOFO	Notice of Funding Opportunity
NPSTC	National Public Safety Telecommunication Council
NSA	National Sheriffs' Association
NTED	National Training & Education Division's
OCTO	Office of the Chief Tech Officer
OEC	Office of Emergency Communications (<i>Dept. of Homeland Security's</i>)

OPM	Office of Personnel Management
OTAR	Over The Air Rekeying
P25	Project 25 Radio network
P25 SOR	Project 25 Statement of Requirements
PEIS	Programmatic Environmental Impact Statement
POC	Point of Contact
PSAP	Public Safety Answering Point
PSCC	Public Safety Communications Commission
RDPC	Rural Domestic Preparedness Consortium
RECCWG	Regional Emergency Communications Coordination Work Group
RIC	Regional Interoperability Committees (subcomponent of NCSWIC)
S&T	Science & Technology
SAA	State Administrative Agency
SAC	Senior Advisory Committee
SAFECOM	Safety Communiqué (works in conjunction with NCSWIC)
SAT PHONES	Satellite Phones
SCIP	Statewide Communication Interoperability Plan
SEARCH	National Consortium of Justice Information Statistics
SHSP	State Homeland Security Program
SIGB	Statewide Interoperability Governing Body
SLIGP	State & Local Implementation Grant Program
SOR	Statement of Requirements
SPOC	State Point of Contact
SPR	State Preparedness Report
STA	Science & Technology Agency
STO	State Training Officer



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SWIC	Statewide Interoperability Coordinator
TA	Technical Assistance
TIA	Telecommunications Industry Association
THIRA	Threat & Hazard Identification & Risk Assessment
TSBS	Telecommunications Systems Bulletins
TSP	Telecommunications Service Priority
UCM	U.S. Conference of Mayors
UNS	User needs Subcommittee
WOHS	Wyoming Office of Homeland Security
WPS	Wireless Priority Service

WYOMING STATE STATUTE, TITLE 09 ARTICLE 11

PUBLIC SAFETY COMMUNICATIONS COMMISSION

9-2-1101 – Commission; created; definitions.

- (a) The public safety communications commission is created.
- (b) As used in W.S. 9-2-1101 through 9-2-1104:
 - (i) "Public safety agency" means any federal, state or political subdivision entity that provides emergency and public safety services, including state agencies employing peace officers enumerated in W.S. 6-1-104(a)(vi)(C) through (F) and approved for participation by the communications commission, fire management services, correctional services, emergency management, emergency and disaster relief services and if desired, county, municipal and federal law enforcement agencies;
 - (ii) "System" means the wireless communications network providing regional and statewide radio communications capabilities to public safety agencies.

9-2-1102 – Commission; composition; appointment of members; removal; terms; officers; vacancies; meetings.

- (a) The commission shall consist of thirteen (13) voting members to be appointed by the governor and who may be removed by the governor as provided in W.S. 9-1-202. The voting members shall be appointed from each of the following associations and agencies from their membership:
 - (i) Wyoming police chiefs association;
 - (ii) Wyoming sheriffs association;
 - (iii) Division of criminal investigation, office of the attorney general;
 - (iv) Wyoming game and fish department;
 - (v) Wyoming department of transportation;
 - (vi) Repealed by Laws 2017, ch. 17, § 2.
 - (vii) Repealed by Laws 2017, ch. 17, § 2.
 - (viii) Wyoming fire chiefs' association;
 - (ix) Repealed by Laws 2017, ch. 17, § 2.

- (x) Repealed by Laws 2017, ch. 17, § 2.
 - (xi) The public at large;
 - (xii) An ambulance and emergency medical services organization;
 - (xiii) The Wyoming association of municipalities or another municipal government association;
 - (xiv) The Wyoming county commissioners association or another county government association;
 - (xv) Repealed by Laws 2017, ch. 17, § 2.
 - (xvi) Tribal government or a tribal government association;
 - (xvii) Repealed by Laws 2017, ch. 17, § 2.
 - (xviii) A member of the Wyoming chapter of the association of public safety communications officials or the national emergency number association;
 - (xix) The Wyoming office of homeland security.
- (b) Repealed by Laws 1991, ch. 121, § 2.
- (c) The commission shall elect from its members a chairman, a vice-chairman and a secretary. Vacancies in these offices shall be filled by the commission from its membership. The commission shall meet at least once every three (3) months. Appointments by the governor shall be made within thirty (30) days of expiration of membership terms. Nominee lists shall be furnished within ten (10) days upon expiration of any membership term. Each member shall serve a three (3) year term. A vacancy on the commission shall be filled for the unexpired term by the governor.
- (d) The person appointed to the commission pursuant to paragraph (a)(v) of this section shall be the chief technology officer of the Wyoming department of transportation or another employee of the Wyoming department of transportation who oversees information technology or telecommunications systems.

9-2-1103 – Commission; compensation of members.

Members of the commission shall receive mileage and per diem provided state employees.

9-2-1104 – Commission; powers and duties; advisory capacity to promote system development; public meetings; clerical and administrative support.

(a) The commission shall:

- (i) Work with the state budget department, the department of enterprise technology services, the department of homeland security and the department of transportation in an advisory capacity to promote the development, improvement and efficiency of public safety communications systems in the state;
- (ii) Report in writing each year to the governor and the joint transportation, highways and military affairs interim committee concerning any problems related to the installation, operation and maintenance of the system and shall make any recommendations it deems appropriate as a part of the report;
- (iii) Submit a plan for statewide system networking to the department of enterprise technology services for inclusion in the statewide telecommunications plan developed pursuant to W.S. 9-2-2906(g);
- (iv) In cooperation with participating federal agencies, establish and assess user fees upon any federal law enforcement agency electing to use and participate in the system;
- (v) Promulgate necessary rules and regulations governing system operation and participation and upon failure to comply with adopted rules and regulations, may suspend system use and participation by any participating and noncomplying public safety agency or private entity;
- (vi) Determine the participation of public safety agencies and private entities in the wireless communications network;
- (vii) On or before May 31 of each odd numbered year, submit to the governor and the joint transportation, highways and military affairs interim committee a report covering the period beginning July 1 of the following year and ending June 30 in the fourth succeeding year detailing the expected costs of implementing the statewide system networking plan. The report shall include projections of one-time and recurring costs;
- (viii) Recommend guidelines and standards for the development, implementation and operation of next generation 911 emergency communications systems and interoperable public safety communications and data systems in the state, including strategies for improving Wyoming's current 911 system. As part of the recommendations developed under this paragraph, the commission may identify short-term and long-term technological and policy solutions that integrate existing legacy communications infrastructure into an interoperable system and may develop and submit recommendations for legislation or other state action to further develop and support next generation 911 operations in Wyoming;

- (ix) Promulgate necessary rules and regulations governing next generation 911 system operation and participation.
- (b) The commission may hold public meetings throughout the state and may take other appropriate measures to maintain close liaison with regional, county and municipal organizations and agencies involved in the system.
- (c) Necessary clerical and administrative support for the commission shall be furnished by the Wyoming department of transportation.

9-2-1105 – Repealed By Laws 2004, Chapter 41, § 2.

9-2-1106 – Repealed By Laws 2004, Chapter 41, § 2.

Wyoming Department of Transportation
Public Safety Communications Commission
BUSINESS MEETING PACKET



THANK YOU FOR ATTENDING!