

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



IN-PERSON BUSINESS MEETING

Held Wednesday, August 10, 2022, at 8:30 a.m.

| Casper Police Department Dispatch Center | 441 Landmark Dr., Casper, WY 82609 |



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 May 11, 2022 Business Meeting & Education Session Minutes
3 – WyoLink Applications	WyoLink Application for Niobrara County Public Health
4 – NG911 Updates	Federal Communications Commission Report
5 – Federal Legislative Update	Bill Details on H.R. 7624 – Spectrum Innovation Act
6 – PSCC Newsletter	Draft PSCC Articles for WYDOT <i>Interchange</i>
7 – WyoLink 16-Tower Update	16-Tower Buildout Report
8 – WyoLink Operational Update	WyoLink Statistics Report
9 – SWIC Updates	WYDOT/ARPA Funds for Local Agencies
10 – Terms & Acronyms Reference	Frequently Used Terms & Acronyms
11 – Statutory Reference	Wyoming Statute, Title 9, Article 11



Mark Gordon
Governor
K. Luke Reiner
Director

Wyoming Department of Transportation PUBLIC SAFETY COMMUNICATIONS COMMISSION Business Meeting Agenda

| August 10, 2022, at 8:30 A.M. | Dispatch Center Conference Room, Casper, Wyoming |
| 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 May 11, 2022, Draft Meeting Minutes (Tab 2)
2. _____ Consideration of WyoLink Application – Mr. Gardiner (Tab 3)
 - A. ___ Niobrara County Public Health

VI. UPDATES/DISCUSSION

1. _____ Director's Report – Director Reiner
2. _____ Technology Division's Report – Mr. Smolinski
 - A. ___ NG911 Updates – Ms. Binning and Mr. Smolinski
 - i. FCC Report (Tab 4)
 - B. ___ Federal Legislative Update – Ms. Binning and Mr. Smolinski
 - i. H.R. 7624 Spectrum Innovation Act (Tab 5)
 - C. ___ Draft PSCC Newsletter (Tab 6) – Mr. Smolinski
3. _____ Emergency Communications Program Manager's Report – Mr. Smolinski
 - A. ___ 16-Tower Buildout Report (Tab 7) – Mr. Smolinski
 - B. ___ WyoLink Operational Updates – Mr. Gardiner
 - i. ___ WyoLink System Reports (Tab 8) – Mr. Smolinski and Mr. Gardiner
 - ii. ___ WyoLink System Upgrades – Mr. Gardiner
 - iii. ___ Smart and Critical Connect – Mr. Smolinski and Mr. Gardiner
 - C. ___ Statewide Interoperability Coordination Updates – Mr. Smolinski
 - i. ___ WYDOT/ARPA Funds for Local Agencies (Tab 9)

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

| August 10, 2022, at 8:30 A.M. | Dispatch Center Conference Room, Casper, Wyoming |
| Zoom Webinar – Call Secretary for Information at 777-4015 |



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

- D. ___ FirstNet Updates – Mr. Smolinski
 - i. ___ AT&T FirstNet Presentation

VIII. CONVERSE COUNTY RURAL FIRE DELEGATION

IX. RECOGNITION OF OUTGOING COMMISSIONER DOUG FRANK

X. PUBLIC COMMENT

XI. ADJOURNMENT



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 in the Wyoming Department of Transportation (WYDOT) headquarters auditorium in Cheyenne on Wednesday, May 11, 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:

Dwane Pacheco, Commissioner	Owen St. Clair, Commissioner
Forrest Williams, Commissioner	Cindi Shank, Commissioner
Jonathan Downing, Commissioner	Monte McClain, Commissioner
Matt Carr, Commissioner	Luke Reiner, Ex Officio Member
Phillip Franklin, Commissioner	

Commissioners Doug Frank, Mike Choma, Kebin Haller, and Paul Bertoglio were absent.

III. Introductions

The following attendees participated in the meeting:

Troy Babbitt, WYDOT Chief Technology Officer	Nathan Smolinski, WYDOT Emergency Communications Manager
Neil Gardiner, WyoLink Support Manager	Susan Elliott, WYDOT Executive Assistant
Aimee Binning, 911 Planning Coordinator	Mike Kahler, Senior Assistant Attorney General
Kimberly Chapman, Commission Secretary (via Zoom)	

IV. Agenda Adjustments

No adjustments were made to the agenda.

V. Action Items

1. Draft Meeting Minutes

It was moved by Commissioner Williams, seconded by Commissioner McClain, and unanimously carried to approve the February 9, 2022, business meeting and education session minutes.

2. WyoLink Applications

It was recommended by Mr. Gardiner, moved by Commissioner Downing, seconded by Commissioner Williams, and unanimously carried to approve the application from Rocky Mountain Communication Systems.

VI. Updates/Discussions

1. Director's Update

Director Reiner presented his update. He began his update by welcoming the four new commissioners who were present at the meeting.

General WYDOT Update

The director shared that WYDOT is currently transitioning from snow removal/maintenance to construction season. WYDOT will have somewhere between 90 and 100 construction projects this summer. Around 45 of those projects are in the beginning stages.

Supply chain issues are impacting WYDOT operations. The department has extended contracts for contractors struggling to complete projects on time due to materials shortages and delays. WYDOT contracts offer cost escalation clauses for fuel, asphalt binders, and structural steel to help combat inflation, and the clauses are currently in effect for many contracts.

Wildlife Issues

Wildlife Crossing Groundbreaking

The director attended a groundbreaking event yesterday for a new wildlife crossing near Big Piney. The crossing will consist of 18 miles of fencing and nine underpasses to support deer and pronghorn migration. WYDOT has been working closely with Wyoming Game and Fish Department and the Wyoming Wildlife and Natural Resource Trust to coordinate efforts and funding—not only for this project, but others as well.

Federal Highway Administration Award

WYDOT has been awarded the Federal Highway Administration's (FHWA) 2022 Environmental Excellence Award for a bridge project on Wyoming Highway 22 south of Jackson. FHWA recognized the project for its extensive stakeholder and community engagement, inclusion of environmental considerations, and accommodation of wildlife and pedestrians.

Federal Updates

Infrastructure Investment and Jobs Act (IIJA)

Notices of funding opportunities continue to be published for IIJA discretionary grants, but there is not yet guidance available for all of the grants.

Governor Gordon has set up an IIJA taskforce, led by Rob Creager, to coordinate statewide efforts and leverage all available funding. The taskforce will also request a temporary waiver to the IIJA's Buy America requirement, because most construction materials and products are not manufactured in the United States.

Electric Vehicles

Wyoming will receive about \$25 million in IJJA funding over the next five years to expand electric vehicle (EV) charging infrastructure. WYDOT has developed the National Electric Vehicle Infrastructure (NEVI) Plan to provide a roadmap for spending Wyoming's allocation(s) in a strategic, systematic way. Director Reiner shared that the project purpose is to increase infrastructure that supports the traveling public, no matter their vehicle choice.

Joint Transportation Committee (JTC)

Director Reiner and other members of WYDOT staff met with the JTC on May 3 and 4, in Casper. The main message to the committee was to reiterate WYDOT's appreciation to the Governor and legislators for the pay raises approved during the last session. Pay has been an important factor in employee satisfaction, and the director hopes that these increases will aid in recruitment and retention.

Issues Potentially Necessitating Legislative Action

WYDOT maintains a non-consensual tow list of tow truck companies who can help clear the roads when vehicles are blocking lanes and impeding travel. A significant issue, which has occurred more frequently over the last year, is that some of these companies are charging egregious amounts for their services. This reflects poorly on WYDOT and the state. Legislation may be needed to impose caps on what companies are allowed to charge for non-consensual tows.

Director Reiner enumerated other potential legislation that was discussed at the JTC meeting including moving expense reimbursement for employees, lifetime registrations for light trailers, and possible penalties for drivers who violate road closures.

2. Chief Technology Officer's Report

Troy Babbitt presented his update.

NG911 Updates

Mr. Babbitt reminded commissioners that a copy of the current state 911 plan was provided in the meeting packet, and he encouraged commissioners to review it. The plan can be adjusted as needed, but it allows Wyoming to pursue grant opportunities as they become available.

Legislative Updates

Federal

Mr. Babbitt reported that the annual report on 911 fee collection and distribution is due to the Federal Communications Commission (FCC) by June 30, 2022. This report is also shared with the governor's office. He noted that a copy of last year's report and survey questions were provided in the packet.

State

Senate Enrolled Act 0038, originally Senate File 0041, expanded the duties of the commission to include administrative and oversight responsibilities on NG911

development, implementation, and operation. The act increased the size of the commission from 11 to 13 members and included representation from the Wyoming Office of Homeland Security (WOHS) and the Association of Public Safety Communications Officials or the National Emergency Number Association. To allay local concerns, Mr. Babbitt stated that the sole purpose of this bill is to improve the 911 system statewide.

House Bill 0012 would have appropriated funding for public safety communications. While the bill was never introduced for consideration, WYDOT did receive \$35 million in American Rescue Act (ARPA) funds to make necessary upgrades and system improvements. Around \$4.5 million of these funds will be made available to local governments to purchase radios. Following a process established by WOHS, WYDOT will form a committee to review grants and award funds based on demonstrated financial need. Other funds from the \$35 million will be used to purchase the remaining Quantar radios and begin upgrading the microwave backhaul.

3. Emergency Communications Program Manager's Report

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

Mr. Smolinski informed the commission that within two weeks his department will be down by seven employees.

16-Tower Buildout Report

Mr. Smolinski reported that construction season began for WyoLink sites. The Buffalo, Orin Junction, Wright, Jackson, Greybull, Lusk, Alcova, Alva, and Rock Springs-Blair Town sites are all online and operating as expected. WYDOT has received reports of coverage improvements and increased usership. Construction at the Rock Springs-14 Mile site is complete, but the site remains dark.

Mr. Smolinski presented a photographic slideshow to the commission that illustrated progress or issues at the Aspen Mountain site. The tower is currently at 200 percent capacity, so a new tower is under construction. Photographs detailed progress on the new tower.

Following a request from Commissioner Pacheco, Mr. Smolinski provided information on how the Aspen Mountain and 14 Mile sites cooperate. The two sites are roughly five to six miles apart, and Aspen Mountain will feed microwave transmissions to the 14 Mile site.

Construction at the Meadowlark site will not resume until June or July as the area is still buried under snowpack. A crew is scheduled to begin construction at the northern Goshen County site on Monday, May 15, 2022.

Mr. Smolinski reported that progress has been made on the lease for the Newcastle site, and he expects to hear back from the city soon so that it can be finalized. Construction

was delayed at the Evanston site by a late spring snowstorm and has been postponed until late May or early June.

WYDOT signed a lease with the Bureau of Land Management (BLM) for the North Big Horn County site on Little Sheep Mountain. Construction is projected to begin in early June. BLM has also approved construction for the Bondurant/Kismet site. WYDOT is awaiting Sublette County's signature on the lease before construction begins.

Following a question from Commissioner Downing, Mr. Smolinski confirmed that, like other WYDOT departments, Emergency Communications and the WyoLink office are being impacted by supply chain issues. Some WyoLink equipment was pre-ordered, so most of the items needed have been designated and set aside for WyoLink.

Other Project Updates

Mr. Smolinski reported that the project to upgrade base station repeaters is progressing well. The scope of work for the project covers 365 radios across all of the WyoLink sites, and the target completion date is fall 2023.

WYDOT has received permission to stand up two new tower sites: one in northern Sheridan County and one near Saratoga. The WyoLink team will meet with stakeholders to determine the most advantageous location for the Saratoga site. A similar meeting was held last week in Sheridan County, and the stakeholders selected a site near the Montana border, which will be known as Kerns. These tower sites will be built using ARPA funds.

Over 90 sites will be involved in the microwave upgrade made possible by the ARPA allocation. Each one of the WyoLink sites are connected via a microwave link, and the majority will be replaced. The ARPA funds are not enough to cover the whole project, so critical links will be replaced first. Other project phases will be completed as funding allows.

WYDOT will control the \$4.5 million in ARPA funds made available to counties, municipalities, and other entities to purchase WyoLink compatible equipment. Applications will be sent out in early June and will be vetted with WOHS's State Homeland Security Program, Senior Advisory Committee. Awards will then be made based upon the nature of the request. WYDOT will purchase the equipment using the price estimates guaranteed in WYDOT's former purchasing contract with Motorola.

WyoLink Operational Updates

WyoLink System Reports

Mr. Gardiner presented information on WyoLink usage data. The top 20 WyoLink talkgroups—measured by total airtime—changed little from last quarter and are largely comprised of law enforcement and emergency services. The system statistics on numbers of push-to-talks and total airtime minutes from the second quarter were also fairly consistent with first quarter numbers.

WyoLink System Upgrades

Mr. Gardiner reported that 10 sites have been upgraded with GTR radios and DC battery backup systems. Eight remaining sites will be upgraded in this round, with three of the eight sites scheduled to be updated within the next month.

Smart and Critical Connect

Mr. Gardiner updated the commission on new WyoLink features including Smart- and Critical Connect. SmartConnect is a feature that allows Motorola radios to automatically switch between broadband and radio system coverage to ensure mission-critical communication. Mr. Gardiner showed examples of radios with this feature including the APX Next and APX 8000 models. Both of these models are currently used on the WyoLink system.

The WyoLink office is looking to add Critical Connect capability to the system in the next six to eight weeks. Critical Connect allows mobile/cellular users to connect to land mobile radios (LMR) networks, like WyoLink, with a smartphone instead of a two-way radio. Mr. Gardiner and his team will control Critical Connect users' access to the WyoLink network. This feature will more than likely replace the inter-RF subsystem interface (ISSI) feature that some entities have previously used to connect to WyoLink.

Following a question on SmartConnect, Kevin Parker with Motorola Solutions shared that currently up to 20 hotspots can be programmed into a radio for greater interoperable communications. Motorola's goal is to increase that number to 100 for all 6000 and 8000 model radios. He further explained that the radios, when programmed correctly, can automatically switch between cellular and broadband networks when radio network coverage is lost.

WyoLink Site Map

Mr. Smolinski shared the WyoLink Local Towers and Locations Site Map with the commission, which details all new, existing, and fully operational sites. The map also identifies PCE, core, 800MHz locally-owned, and microwave-only sites. He also shared a draft version of a map that, when completed, will provide WyoLink technicians with turn-by-turn directions to each tower site.

Statewide Interoperability Coordination Updates

Mr. Smolinski reported that WYDOT is working with the Cybersecurity and Infrastructure Agency (CISA) to update the tactical interoperable communications plan (TCIP) and the Wyoming Field Operators Guide. The guide is given to operators who have access to WyoLink or other emergency communications systems. The group will be meeting with each Wyoming county and other partners to gather input on updates.

Additionally, WYDOT and CISA have worked on a broadband technical assistance program with a focus on LMR and LTE convergence to be launched in June 2022.

Mr. Smolinski will meet with statewide interoperable communication coordinators in June and July to discuss federal practices that can be replicated in Wyoming.

FirstNet Updates

Mr. Smolinski reported that the buildout for FirstNet has accelerated. Network updates from AT&T were not as detailed as Mr. Smolinski would have liked, but he was able to discover that all but two Wyoming counties (Sublette and Uinta) have some form of representation or participation in FirstNet. Coverage is lacking in those two counties, but buildouts are increasing.

Critical Connect is a mobile application that allows users to connect to WyoLink talkgroups, which are mirrored from and mapped to the WyoLink core. This will make interoperable communication between subscribers using different types of devices (mobile phones and radios) possible through WyoLink.

Critical Connect will provide Wyoming with “complementary coverage.” Cellular coverage could fill a need in areas where WyoLink coverage is lacking. It could also expand usership for agencies and organizations that cannot afford radios since it is a mobile application that can be downloaded on most mobile phones. While two-way radios are still the primary medium for connecting to WyoLink, Critical Connect will be another tool available to subscribers.

VII. Retirements

Mr. Babbitt announced that Wyoming Highway Patrol Colonel Kebin Haller, who serves as WYDOT’s representative on the PSCC, will retire June 3, 2022. Mr. Babbitt shared that he will also retire on July 29, 2022. Chairman Harshman wished both gentlemen well and thanked them for their service. Mr. Babbitt thanked the commission for their support through the years. He also recognized all of the improvements to the WyoLink system and statewide interoperable communications that have resulted from the hard work and dedication of both WYDOT staff and the commission.

Commissioner Pacheco announced that May 11th was his last day as the Police Chief of the Rock Springs Police Department after 31 years of service. He will continue as the PSCC representative for the Wyoming Association of Sheriffs and Chiefs of Police.

VIII. Public Comment/Announcements

There was no public comment.

IX. Adjournment

It was moved by Commissioner Williams, seconded by Commissioner McClain, and unanimously carried to adjourn the May 11, 2022, business meeting at 2:43 p.m.



Mark Gordon
Governor
K. Luke Reiner
Director

Wyoming Department Of Transportation

PUBLIC SAFETY COMMUNICATIONS COMMISSION

Draft Education Session Minutes



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

An education session was held for the Public Safety Communications Commission (PSCC) in the Auditorium at the Wyoming Department of Transportation (WYDOT) Headquarters, Cheyenne on Wednesday, May 11, 2022. The session began at 11:00 a.m.

The following commission members were present, constituting a quorum.

Mark Harshman, Chairman	Monte McClain, Commissioner
Dwane Pacheco, Secretary	Owen St. Clair, Commissioner
Frosty Williams, Commissioner	Phillip Franklin, Commissioner
Jonathan Downing, Commissioner	Cindi Shank, Commissioner
Matt Carr, Commissioner	Luke Reiner, Ex Officio, WYDOT Director

Commissioners Mike Choma, Kebin Haller, Paul, Bertoglio, and Doug Frank were absent.

The following WYDOT staff were present and participated in the session.

Troy Babbitt, <i>Chief Technology Officer</i>	Aimee Binning, <i>911 Planning Coordinator</i>
Nathan Smolinski, <i>Emergency Communications Manager</i>	Susan Elliott, <i>Executive Assistant</i>
Kimberly Chapman, <i>Commission Secretary</i> (via Zoom)	

Mr. Babbitt started the session by giving a brief history of WYDOT’s involvement in 911 and the PSCC. He also introduced team members Nathan Smolinski, Aimee Binning, and Kimberly Chapman.

Ms. Binning led the presentation on the PSCC’s role in Next Generation 911 (NG911). Topics covered included industry terminology, the history of 911, (local) control of the system, and the role of the PSCC in expanding NG911.

Ms. Binning began by reviewing pertinent terminology. There are 40 emergency communication centers (ECC) in Wyoming and they break down into two categories: dispatch centers and public service assess points (PSAP). While the six dispatch centers in Wyoming do not receive 911 calls, the centers do dispatch resources when needed.

The PSAPs break down into two further self-identified categories: primary and secondary PSAPs. All 911 calls in Wyoming are channeled through a selective router in Cheyenne, and primary PSAPs receive their calls directly from this router. A secondary PSAP receives calls from wireless callers in a community or voice over internet protocol (VOIP) calls, and not the selective router. There are 31 primary and 3 secondary PSAPs in the state. Twenty-two of the 31 primary PSAPs can perform emergency medical dispatching (EMD).

Ms. Binning shared the history of the 911 emergency telephone number. When the public calls 911, they expect to be quickly connected to a telecommunicator who can ask appropriate questions about the nature of the emergency and then send the appropriate resources. In the early history of the 911 service, operators determined the two most critical pieces of information needed to respond appropriately: who is calling and where the caller is located. The Master Street Address Guide (MSAG), the automated location identification (ALI), and automatic number identification (ANI) were all developed and used to help telecommunicators dispatch resources to the appropriate location.

As technology has evolved from landlines to computer-based systems to VOIP calls to cell phones, Enhanced 911 (E911) was developed to ensure the public received immediate assistance in emergencies. Through three phases, E911 ensured that wireless 911 calls were sent to local PSAPs instead of providers, mobile numbers were displayed with each call, and that GPS receivers be placed in phones to allow triangulation between towers.

While E911 improved the system, recent technological advances necessitate further updates to the 911 system. NG911 aims to upgrade 911 systems to allow them to receive more detailed data (videos, images, texts, etc.) and to allow for greater interoperable communication across state lines and jurisdictions.

Although stakeholders have been discussing NG911 since 2015, prioritization and planning did not begin until 2018. During this meeting, it was discovered that Wyoming had missed an opportunity to receive a significant amount of federal funding for NG911 due to a lack of a state coordinator, a state plan, and a governing body to oversee the process. Legislation was enacted in 2019 that allowed for the appointment of a state 911 coordinator, Troy Babbitt. Topic workgroups—comprised of stakeholders at the local level—helped WYDOT develop a state plan in 2020.

Local governments maintain control of PSAP operations and are responsible for development funding, staffing, and reporting requirements for their center. Funding for PSAPs comes from 911 fees collected by telecommunications companies for landlines and wireless phone sales. The Department of Revenue distributes equitable shares of fees collected from telecom companies to each county. Based upon figures from reporting in 2019 and 2020, there is currently a \$5 million deficit between fees collected and expenditures in the state.

There are state and national entities that advocate for 911 systems and telecommunicators. The Wyoming chapters of the Association of Public-Safety Communications Officials (APCO) and the National Emergency Number Association (NENA) represent local interests at the state and national levels, and were instrumental in the passage of recent legislation for expanding NG911 in Wyoming. Mr. Babbitt and Ms. Binning represent Wyoming as members of the National Association of State 911 Administrators (NASNA).

Ms. Binning outlined the PSCC's role in expanding NG911 in Wyoming. In March 2022, Senate File 0041—now Senate Enrolled Act 0038—established the PSCC as the governing board for the NG911 buildout. It added two new seats to the board with representation from the Wyoming Office of Homeland Security and Wyoming APCO/NENA. Ms. Binning also shared

information on the types of information that the state is mandated to report to the National 911 Profile Database and the Federal Communications Commission.

According to SF0041, the PSCC will serve as an advisory board that will recommend guidelines and standards for the development, implementation, and maintenance of interoperable public safety communications and data systems. The PSCC is expected to:

- Identify short- and long-term technological and policy solutions,
- Integrate existing, legacy infrastructure into the system,
- Develop and submit recommendations for legislation or state action, and
- Promulgate rules and regulations governing the NG911 system's operation and participation in the system.

In order to assist with the rule-making mandate, Ms. Binning provided the commissioners with the known hazards for NG911. There are several known hazards and they include funding instability, decreasing fees, increasing costs, and a lack of redundancy in the system. Ms. Binning shared some statistics on funding that came from self-reported information on surveys sent out in early 2022. Twenty-seven communities responded and of those 51 percent reported being 100 percent funded by 911 fees, 40 percent split 911 fee funds with another PSAP or agency, and 7 percent receive no funds from 911 fees.

The GIS workgroup was one of the five groups of stakeholders who helped develop the state 911 plan. The workgroup had several recommendations for the PSCC to consider as rules and regulations are developed. The group felt strongly that a set of best practices should be followed and they recommended using the NENA standards. The group also felt that it is very important to offer education, outreach, and training to the people who maintain the system. Another recommendation is to create a state portal where system coordinators could upload and access data. The final recommendation is to develop a maintenance loop in the state portal to allow for data consistency.

Ms. Binning shared more data from the spring 2022 survey on NG911 readiness. The 27 PSAP respondents reported the greatest readiness for computer aided design (CAD), phone systems, and recording functions. Several PSAPs reported less readiness for GIS services and phone trunks (IP based systems).

Ms. Binning and Mr. Babbitt shared priorities for the future as NG911 is expanded in Wyoming. WYDOT staff will work to prioritize partnerships and engage stakeholders as the system is developed and improved. Mr. Babbitt shared that staff will continue to bring relevant topics and issues related to NG911 before the commission.

The session concluded and adjourned at 12:35 p.m.

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

Date: 07/28/2022

Requesting Agency: Niobrara County Public Health

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 Health

Emergency Response Support
 Transportation
 Support – Red Cross, Salvation Army, etc. Public Health
 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.

Government Public Health agency that does not have a current 14PH ID associated with it. Have been under other counties radios
in the past. We purchased radios for our public health agency and discovered we did not have an ID to program them.

(Attach Supporting Documentation)

Name of individual completing application: Melanie Pearce

Title: RN, PHN Regional Supervisor

Address: 911 South Ballancee Ave, Lusk, WY 82225

Phone: 307-286-0220

E-Mail Address: melanie.pearce@wyo.gov

Signature: 

Send Completed Application to:

WyoLink
Wyoming Department of Transportation
5300 Bishop Boulevard
Cheyenne, WY 82009
E-Mail Address: wyoink@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) _____



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

Approved by OMB
3060-1122
Expires: March 31, 2025
Estimated time per response: 10-55
hours

Annual Collection of Information

Related to the Collection and Use of 911 and E911 Fees by States and Other Jurisdictions

Pursuant to OMB authorization 3060-1122, the FCC’s Public Safety and Homeland Security Bureau (the Bureau) seeks the following specific information in order to fulfill the Commission’s obligations under Section 6(f)(2) of the NET 911 Act, as amended by Section 902.¹

Instructions for Filling Out the Questionnaire

Please read and follow these general instructions:

- Please complete all sections of this form.
- Please enter only numeric responses where requested.
 - Dollar or percentage signs, decimal points, and thousands separator commas are acceptable.
 - Blank responses, “None”, “Unknown”, or “N/A” are also acceptable.
 - To facilitate the Bureau’s calculations for the Annual Fee Report, please avoid stray characters such as: *, ~, (), or [] in numeric responses.
- Use the associated Addendum fields to enter other information, such as footnotes, qualifiers, text, descriptions, and/or explanations.
- All responses should pertain to calendar year (January 1 – December 31), not fiscal year.
- Unless otherwise directed, please provide requested information directly on this form, rather than submit, refer to, and/or rely on supplemental materials.
- Please consolidate separate response forms (and/or responses to individual questions) completed by counties, municipalities, or other local jurisdictions into one response form for the entire state, using sums and averages as appropriate.

A. Filing Information

A1. Name of State or Jurisdiction

State or Jurisdiction

¹ See Consolidated Appropriations Act, 2021, Public Law 116-260, Division FF, Title IX, section 902.



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

Wyoming

A2. Name, Title and Organization of Individual Filing Report

Name	Title	Organization
Aimee Binning	NG911 Planning Coordinator	WYDOT Emergency Communications

Addendum Section A

B. Overview of State or Jurisdiction 911 System

B1. Please provide the total number of active primary and secondary Public Safety Answering Points (PSAPs) in your state or jurisdiction that received funding derived from the collection of 911/E911 fees during the annual period ending December 31, 2021. PSAPs that did not receive funding derived from the collection of 911/E911 fees need not be included in the response boxes, but may be reported in Addendum Section B1.

PSAP Type ²	Number of PSAPs
Primary	31
Secondary	2

² A Primary PSAP is one to which 911 calls are routed directly from the 911 Control office. A secondary PSAP is one to which 911 calls are transferred from a Primary PSAP. See National Emergency Number Association (NENA), Master Glossary of 9-1-1 Terminology at 174 (June 22, 2021), https://cdn.ymaws.com/www.nena.org/resource/resmgr/standards/nena-adm-000.24-2021_final_2.pdf.



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

Total	33
--------------	----

Addendum Section B1

B2. Please provide the total number of active telecommunicators³ in your state or jurisdiction that were funded through the collection of 911 and E911 fees during the annual period ending December 31, 2021. Telecommunicators that were not funded through the collection of 911 and E911 fees need not be included in the response boxes, but may be reported in Addendum Section B2.

Telecommunicator Type	Number of Active Telecommunicators Funded by 911/E911 Fees
Full Time	362.5
Part Time	

Addendum Section B2
<p style="background-color: #cccccc;">Voluntary Answer from a PSAP survey, PSAP's did not defined the FT/PT staff positions</p>

B3. For the annual period ending December 31, 2021, please provide an estimate of the total cost to provide 911/E911 service in your state or jurisdiction.

³ For the purposes of this questionnaire, a telecommunicator, also known as a call taker or a dispatcher, is a person employed by a PSAP who is qualified to answer incoming emergency telephone calls and/or who provides for the appropriate emergency response either directly or through communication with the appropriate PSAP. See <https://nenawiki.org/wiki/Telecommunicator>.



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

Amount (\$)	10,394,617.73
--------------------	---------------

B3a. If an amount cannot be provided, please explain why.

Addendum Section B3

B4. Please provide the total number of 911 voice calls that your state or jurisdiction received during the period January 1, 2021 to December 31, 2021.

Type of Service	Total 911 Voice Calls
Wireline	21,231
Wireless	245,435
VoIP	5,437
Other (report 911 texts separately below in B.4a)	58,954
Total	331057

B4a. Please provide the total number of 911 texts that your state or jurisdiction received during the period January 1, 2021 to December 31, 2021.

Texts to 911	682
--------------	-----



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

Addendum Section B4

Not all PSAP's are able to delineate the type of call received for 911.

C. Description of Authority Enabling Establishment of 911/E911 Funding Mechanisms

C1. Has your State, or any political subdivision, Indian Tribe, village or regional corporation therein as defined by Section 6(f)(1) of the NET 911 Act, established a funding mechanism designated for or imposed for the purposes of 911 or E911 support or implementation (please include a citation to the legal authority for such mechanism)? *Check one.*

- Yes
- No

C1a. If YES, provide a citation to the legal authority for such a mechanism.

WY Stat § 16-9-103; WY Stat § 16-9-104; WY Stat § 16-9-109

C1b. If YES to C1, during the annual period January 1, 2021 to December 31, 2021, did your state or jurisdiction amend, enlarge, or in any way alter the funding mechanism? *Check one (leave blank if NO to C1).*

- Yes
- No
- Unknown

C1c. If YES to C1b., provide a description of amendments, enlargements, or alterations to the funding mechanism, if applicable.

Addendum Section C1



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

C2. Which of the following best describes the type of authority arrangement for the collection of 911/E911 fees? Check one.

- The State collects the fees
- A local authority collects the fees
- A hybrid approach where two or more governing bodies (e.g., state and local authority) collect the fees x

Addendum Section C2
The State Department of Revenue collects prepaid wireless fees. The Counties collect all other fees authorized by state statute.

C3. Describe how the funds collected are made available to localities.

Fees are sent to the governing body as defined in statute WY Stat § 16-9-103 ; WY Stat § 16-9-104

D. Description of State or Jurisdictional Authority That Determines How 911/E911 Fees are Spent

D1. Indicate which entities in your state have the authority to approve the expenditure of funds collected for 911 or E911 purposes. Check one.

- The State has authority to approve the expenditure of funds
- One or more local authorities has authority to approve the expenditure of funds... x
- A hybrid approach where two or more governing bodies (e.g., state or local authority) have authority to approve the expenditure of funds

D1a. Please briefly describe any limitations on the approval authority per jurisdiction (e.g., limited to fees collected by the entity, limited to wireline or wireless service, etc.).



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

Addendum Section D1

D2. Has your state established a funding mechanism that mandates *how* collected funds can be used? *Check one.*

- Yes x
- No

D2a. If you checked YES, provide a legal citation to the funding mechanism of any such criteria.

State Statute defines the use of the tax collected. [WY Stat § 16-9-105](#)

D2b. If you checked NO, describe how your state or jurisdiction decides how collected funds can be used.

E. Description of Uses of Collected 911/E911 Fees

E1. Provide a statement identifying with specificity all activities, programs, and organizations for whose benefit your state, or political subdivision thereof, has obligated or expended funds collected for 911 or E911 purposes and how these activities, programs, and organizations support 911 and E911 services or enhancements of such services.

Funds collected from the 911 emergency tax imposed pursuant to this chapter shall be spent solely to pay for public safety answering point and service suppliers' equipment and service costs, installation costs, maintenance costs, monthly recurring charges and



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

other costs directly related to the continued operation of a 911 system including enhanced wireless 911 service. Funds may also be expended for personnel expenses necessarily incurred by a public safety answering point. "Personnel expenses necessarily incurred" means expenses incurred for persons employed to:

- (i) Take emergency telephone calls and dispatch them appropriately; or
- (ii) Maintain the computer database of the public safety answering point.

E2. Please identify the uses of the collected funds.⁴ Check all that apply.

Type of Cost		Yes	No
PSAP operating costs, including technological innovation that supports 911	Lease, purchase, maintenance, replacement, and upgrade of customer premises equipment (CPE) (hardware and software)	x	<input type="checkbox"/>
	Lease, purchase, maintenance, replacement, and upgrade of computer aided dispatch (CAD) equipment (hardware and software)	x	<input type="checkbox"/>
	Lease, purchase, maintenance, replacement, and upgrade of PSAP building/facility	x	<input type="checkbox"/>
	NG911, cybersecurity, pre-arrival instructions, and emergency notification systems (ENS)	x	<input type="checkbox"/>
PSAP personnel costs	Telecommunicators' Salaries	x	<input type="checkbox"/>
	Training of Telecommunicators	x	<input type="checkbox"/>

⁴ See 47 CFR § 9.23(b)(1)–(5).



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

PSAP administrative costs	Program Administration	<input type="checkbox"/>	x
	Travel Expenses	<input type="checkbox"/>	x
Costs for integration and interoperability of 911 systems and public safety/first responder radio systems	Integrating public safety/first responder dispatch and 911 systems, including lease, purchase, maintenance, and upgrade of CAD hardware and software to support integrated 911 and public safety dispatch operations	x	<input type="checkbox"/>
	Providing for the interoperability of 911 systems with one another and with public safety/first responder radio systems	x	<input type="checkbox"/>
Grant programs		<input type="checkbox"/> If YES, see E2a.	x
E2a. During the annual period ending December 31, 2021, describe the grants that your state paid for through the use of collected 911/E911 fees and the purpose of such grants.			

Addendum Section E2

F. Description of 911/E911 Fees Collected

F1. Please describe the amount of fees or charges imposed for the implementation and support of 911 and E911 services. Please distinguish between state and local fees for each service type.



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

Service Type	Fee/Charge Imposed	Jurisdiction Receiving Remittance		
		<i>Check one for each Service Type.</i>		
		State	County or Local Authority	Combination of State and County/Local
Wireline – monthly fee (\$)	\$.75	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wireless – monthly fee (\$)	\$.75	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Prepaid Wireless – provide <i>either</i> flat fee (\$) or percentage (%) per retail transaction (leave inapplicable cell blank)	\$	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	1.5 %			
Voice Over Internet Protocol (VoIP) – monthly fee (\$)	\$.75	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other – monthly fee (\$)	\$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Addendum Section F1

WY Stat § 16-9-109 WY Stat § 16-9-103 define imposition of 911 tax and collection process.



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

F2. For the annual period ending December 31, 2021, please report the total amount collected pursuant to the assessed fees or charges described in Question F1.

Service Type	Total Amount Collected (\$)
Wireline	
Wireless	
Prepaid Wireless	\$566,734.87
Voice Over Internet Protocol (VoIP)	
Other	\$6,558,508.47
Total	\$7,125,243.34

F2a. If an amount cannot be provided, please explain why.

Fees are collected on each local exchange access line, per wireless communications access or other technological device that under normal operation is designed or routinely used to access 911. Fees are also collected for Prepaid wireless services. Our legislation does not break out the reporting requirement by category more than as stated above. Therefore, the state can not provide a breakdown for each category listed.

Addendum Section F2



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

F3. Please identify any other sources of 911/E911 funding.

Question	Yes	No
F4. For the annual period ending December 31, 2021, were any 911/E911 fees that were collected by your state or jurisdiction combined with any federal, state or local funds, grants, special collections, or general budget appropriations that were designated to support 911/E911/NG911 services? Check one.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
F4a. If YES, please describe the federal, state or local funds and amounts that were combined with 911/E911 fees.		

Addendum Section F4

F5. Please provide an estimate of the proportional contribution from each funding source towards the total cost to support 911 in your state or jurisdiction.	Percent (%)
State 911 Fees	68.55
Local 911 Fees	
General Fund - State	



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

General Fund - County	31.45
Federal Grants	
State Grants	

Addendum Section F5
Local and County PSAP funds are used to support the 3 million dollar deficit that is not covered by 911 fees in the state to provide 911 services.

G. Description of Diversion or Transfer of 911/E911 Fees for Other Uses

For the purposes of this questionnaire, diversion is the obligation or expenditure of a 911 fee or charge for a purpose or function other than the purposes and functions identified in 47 CFR § 9.23 of the Commission’s rules as acceptable.

Question	Yes	No
G1. In the annual period ending December 31, 2021, were funds collected for 911 or E911 purposes in your state or jurisdiction obligated or expended solely for acceptable purposes and functions as provided under 47 CFR § 9.23? Check one.	x	<input type="checkbox"/>
G1a. If NO, please identify what amount of funds collected for 911 or E911 purposes were obligated or expended for purposes or functions other than those designated as acceptable under 47 CFR § 9.23, including any funds transferred, loaned, or otherwise used for the state's general fund. Along with identifying the amount, please include a statement identifying the purposes or functions for such funds.		
Amount of Funds (\$)	Identify the purposes or functions other than those designated as acceptable by the Commission for which the 911/E911 funds were obligated or expended. (If you need more rows for your response, please enter the information in Addendum Section G1.)	



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

Addendum Section G1
<p>State Statute is very specific to how jurisdictions may use the funds. The state does not have an audit report from the local government on how funds were spent.</p>

Question	Yes	No
G2. In the annual period ending December 31, 2021, were funds collected for 911 or E911 purposes in your state or jurisdiction obligated or expended for the purchase, maintenance, replacement, or upgrade of public safety radios, networks, equipment, or related infrastructure? Check one.	x	<input type="checkbox"/>
G2a. If YES to G2, are all of the public safety radios, networks, equipment, or related infrastructure on which funds were obligated or expended used to deliver 911-originated information to emergency responders? For the purposes of this questionnaire, 911-originated information includes all data and information delivered between the 911 request for assistance and the emergency responders.	x	<input type="checkbox"/>
G2a(i). If NO to G2a, please explain.		
<p>State Statute is very specific to how jurisdictions may use the funds. The state does not have an audit report from the local government on how funds were spent.</p>		
G2b. If YES to G2, please itemize the amounts that were obligated or expended and include descriptions of the public safety radios, networks, equipment, or related infrastructure.		



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

Amount of Funds (\$)	Description of such obligations or expenditures. <i>(If you need more rows for your response, please enter the information in Addendum Section G2.)</i>

Addendum Section G2

Safe Harbor for Multi-Purpose Fees. Section 9.23(d) of the rules provides an elective safe harbor for states and taxing jurisdictions that designate multi-purpose fees or charges for “public safety,” “emergency services,” or other similar purposes where a portion of those fees or charges supports 911 services. *See* 47 CFR § 9.23(d). The rule provides that the obligation or expenditure of such a fee or charge will not constitute diversion if the state or taxing jurisdiction (i) specifies the amount or percentage of such fees or charges that is dedicated to 911 services; (ii) ensures that the 911 portion of such fees or charges is segregated and not commingled with any other funds; and (iii) obligates or expends the 911 portion of such fees or charges for acceptable purposes and functions as defined under the Commission’s rules.

G3. Does your state or taxing jurisdiction collect fees or charges designated for “public safety,” “emergency services,” or other similar purposes where a portion of those fees or charges supports 911 services? *Check one.*

- Yes
- No

If YES to G3, please answer Questions G3a – G3c below. *(If NO to G3, leave blank.)*

Question	Yes	No



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

G3a. Does the state or taxing jurisdiction specify the amount or percentage of such fees or charges that is dedicated to 911 services? Check one.	<input type="checkbox"/>	<input type="checkbox"/>
Question	Response	
G3a(i). Cite to the authority by which the state or taxing jurisdiction specifies the amount or percentage.		
G3a(ii). Indicate the amount or percentage of such a fee dedicated to 911 services. Provide either dollar amount or percentage. (Leave inapplicable cell blank.)	\$	
		%
Question	Yes	No
G3b. Does the state or taxing jurisdiction ensure that the 911 portion of such fees or charges is segregated and not commingled with any other funds? Check one.	<input type="checkbox"/>	<input type="checkbox"/>
G3b(i). Cite to the authority by which the state or taxing jurisdiction segregates such fees.		
Question	Yes	No
G3c. Does the state or taxing jurisdiction obligate or expend the 911 portion of such fees or charges only for the purposes and functions designated by the Commission as acceptable pursuant to 47 CFR § 9.23? Check one.	<input type="checkbox"/>	<input type="checkbox"/>
G3c(i). If NO to G3c, please explain.		

Addendum Section G3



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

H. Oversight and Auditing of Collection and Use of 911/E911 Fees

Question	Yes	No
H1. Has your state established any oversight or auditing mechanisms or procedures to determine whether collected funds have been obligated or expended for acceptable purposes and functions as designated under the Commission’s rules? <i>Check one.</i>	x	<input type="checkbox"/>
H1a. If YES, provide a description of the mechanisms or procedures and any enforcement or other corrective actions undertaken in connection with such auditing authority, for the annual period ending December 31, 2021. (Enter “None” if no actions were taken.)		
State Statute is very specific to how jurisdictions may use the funds. The state does not have an audit report from the local government on how funds were spent.		

Addendum Section H1

Question	Yes	No	
H2. Does your state have the authority to audit service providers to ensure that the amount of 911/E911 fees collected from subscribers matches the service provider’s number of subscribers? <i>Check one.</i>	x	<input type="checkbox"/>	
Question	Yes	No	N/A



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

<p>H2a. Did your state conduct an audit of service providers in connection with such auditing authority during the annual period ending December 31, 2021? <i>Check one; check N/A if Question H2 response above is NO.</i></p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>H2b. If YES to H2 and H2a, provide a description of any auditing or enforcement or other corrective actions undertaken in connection with such auditing authority for the annual period ending December 31, 2021. (Leave blank if not applicable / no actions were taken.)</p>			
<p>WY Stat § 16-9-109 The audit and appeal procedures applicable to the collection of state sales taxes shall apply to the collection and remittance of taxes authorized by this section</p>			

<p>Addendum Section H2</p>
<p> </p>

I. Description of Next Generation 911 Services and Expenditures

Question	Yes	No
<p>I1. Does your state or jurisdiction classify expenditures on Next Generation 911 (NG911) as within the scope of acceptable purposes and functions for the obligation or expenditure of 911 fees or charges? Check one.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>I1a. If YES, please cite any specific legal authority:WY Stat § for the following: Section 9-2-1101 - Commission; Created; Definitions: Section 9-2-1102 - Commission; Composition; Appointment of Members; Removal; Terms; Officers; Vacancies; Meetings: Section 9-2-1103 - Commission; Compensation of Member: Section 9-2-1104 - Commission; Powers and Duties; Advisory Capacity to Promote System Development; Public Meetings; Clerical and Administrative Support.: Section 16-9-103 - Imposition of Tax; Liability of User for Tax; Collection; Uncollected Amounts; Discontinuing Service Prohibited: Section 16-9-109. State-wide imposition of tax; prepaid wireless; collection; distribution; immunity</p>		
<p> </p>		



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

Question		Yes	No
I2. In the annual period ending December 31, 2021, has your state or jurisdiction expended funds on NG911 programs? Check one.		<input type="checkbox"/>	<input type="checkbox"/>
I2a. If YES, please enter the dollar amount that has been expended during the annual period.			
Amount (\$)			

Addendum Section I2
<p>Local jurisdictions have spent money on systems and equipment in preparation for being NG911 ESI-Net ready. There is not an audit amount reported to the state.</p>

I3. For the annual period ending December 31, 2021, please provide the number of PSAPs that operated on each type of NG911 Emergency Service IP Network(s) (ESInets) that operated within your state.					
Type of ESInet	Yes	No	If Yes, Enter Total PSAPs Operating on the ESInet	If Yes, does the type of ESInet interconnect with other state, regional or local ESInets?	
				Yes	No



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

I3a. A single, state-wide ESInet	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
I3b. Local (e.g., county) ESInet(s)	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
I3c. Regional ESInets	<input type="checkbox"/>	<input type="checkbox"/>	[If one Regional ESInet is in operation, provide the total PSAPs on the first line below. If more than one Regional ESInet is in operation, provide the total PSAPs operating on each ESInet.]		
Name of Regional ESInet 1:				<input type="checkbox"/>	<input type="checkbox"/>
Name of Regional ESInet 2:				<input type="checkbox"/>	<input type="checkbox"/>
Name of Regional ESInet 3:				<input type="checkbox"/>	<input type="checkbox"/>
Name of Regional ESInet 4:				<input type="checkbox"/>	<input type="checkbox"/>
Name of Regional ESInet 5:				<input type="checkbox"/>	<input type="checkbox"/>
Name of Regional ESInet 6:				<input type="checkbox"/>	<input type="checkbox"/>
Name of Regional ESInet 7:				<input type="checkbox"/>	<input type="checkbox"/>



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

If more Regional ESNets operate in your state or taxing jurisdiction, please list the names of Regional ESNets 8 and higher, and numbers of associated PSAPs, in the space below:

Addendum Section I3

Wyoming does not have an ESI-Net

I4. Please provide a description of any NG911 projects completed or underway during the annual period ending December 31, 2021.

Wyoming finished the development of the State NG911 Plan. This was not funded by a NG911 budget but the personnel assisting with the project were representatives from local and state government. Their individual budgets supported this project.

I4a. Based on your response to I4, please indicate which categories of NG911 expenditures from this non-exhaustive list apply.	<i>Check all that apply.</i>
General Project or Not Specified	<input type="checkbox"/>
Planning or Consulting Services	<input checked="" type="checkbox"/>
ESInet Construction	<input type="checkbox"/>
NG911 Core Services	<input type="checkbox"/>
Hardware or Software Purchases or Upgrades	<input type="checkbox"/>
GIS	<input type="checkbox"/>
NG911 Security Planning	<input type="checkbox"/>



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

Training	<input type="checkbox"/>
----------	--------------------------

I5. As of December 31, 2021, how many PSAPs within your state have implemented text-to-911 and are accepting texts? Please refrain from non-numeric responses such as “all PSAPs.” Enter any text in Addendum Section I5.

Total Number of PSAPs Accepting Texts as of December 31, 2021	<input type="text" value="6"/>
--	--------------------------------

Addendum Section I5

I6. By the end of the *next* annual period ending December 31, 2022, how many *total* PSAPs do you anticipate will have implemented text-to-911 and will be accepting texts?

Estimated Total Number of PSAPs Accepting Texts as of December 31, 2022	<input type="text" value="10"/>
--	---------------------------------

Addendum Section I6

J. Cybersecurity Expenditures

Question	Check the appropriate box	If Yes, Amount Expended (\$)
----------	---------------------------	------------------------------



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

J1. During the annual period ending December 31, 2021, did your state expend funds on cybersecurity programs for PSAPs?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
--	---------------------------------	---	--

Addendum Section J1

Question	Total PSAPs
J2. During the annual period ending December 31, 2021, how many PSAPs in your state either implemented a cybersecurity program or participated in a regional or state-run cybersecurity program?	

Addendum Section J2
This information is unknown to the State

Question	Yes	No	Unknown
J3. Does your state or jurisdiction adhere to the National Institute of Standards and Technology <i>Framework for Improving Critical Infrastructure Cybersecurity</i> (April 2018) for	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

networks supporting one or more PSAPs in your state or jurisdiction? ⁵ <i>Check one.</i>			
--	--	--	--

Addendum Section J3

K. Measuring Effective Utilization of 911/E911 Fees

K1. Please provide an assessment of the effects achieved from the expenditure of state 911/E911 or NG911 funds, including any criteria your state or jurisdiction uses to measure the effectiveness of the use of 911/E911 fees and charges. If your state conducts annual or other periodic assessments, please provide an electronic copy (e.g., Word, PDF) of the latest such report upon submission of this questionnaire to the FCC or provide links to online versions of such reports in the space below.

<p>PSAPS have self-reported their NG911 readiness; a copy of the 2021 summary can be found here. 2022-Summary Information of Survey Results</p> <p>Communities heavily depend on the 911 taxes to maintain operational status. There has been an effort by the local government to support equipment upgrades for NG911 capabilities. Funding continues to plague their efforts for implementation of 100% within the PSAP. The Summary gives a snapshot of the self-reported information for GIS, CAD., Phone Systems, Recording and Phone Trunk status for updates and capabilities of NG911.</p>

L. Underfunding of 911

For the purposes of this questionnaire, underfunding occurs when funding levels are below the levels required for optimal performance of 911 operations.

L1. Describe the impact of any underfunding of 911 services in your state or taxing jurisdiction during the annual period ending December 31, 2021.

⁵ National Institute of Standards and Technology, Framework for Improving Critical Infrastructure Cybersecurity (2018), <https://nvlpubs.nist.gov/nistpubs/cswp/nist.cswp.04162018.pdf>.



Federal Communications Commission
Washington, D.C. 20554

Fourteenth 911 Annual Fee Report, Response For Calendar Year 2021

The impact of underfunding has impacted the ability to develop the ESI-Net infrastructure, request for informational studies and quotes. Within the local government 31% off the funding for 911 operations has been supported by funds outside of the 911 tax.

Vacancies have plagued our PSAP's; this may be a direct effect of the underfunding from the state tax.

L2. Describe how any fee diversion affected 911 underfunding in your state or taxing jurisdiction during the annual period ending December 31, 2021. Indicate N/A if your state or taxing jurisdiction did not divert.

N/A

We have estimated that your response to this collection of information will take an average of 10 to 55 hours. Our estimate includes the time to read the instructions, look through existing records, gather and maintain required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, Office of Managing Director, AMD-PERM, Washington, DC 20554, Paperwork Reduction Act Project (3060-1122). We will also accept your PRA comments via the Internet if you send an e-mail to PRA@fcc.gov.

Please **DO NOT SEND COMPLETED FORMS TO THIS ADDRESS**. You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number and/or we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-1122.

THIS NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

**AMENDMENT IN THE NATURE OF A SUBSTITUTE
TO H.R. 7624
OFFERED BY M . _____**

Strike all after the enacting clause and insert the following:

1 SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

2 (a) SHORT TITLE.—This Act may be cited as the
3 “Spectrum Innovation Act of 2022”.

4 (b) TABLE OF CONTENTS.—The table of contents for
5 this Act is as follows:

Sec. 1. Short title; table of contents.

TITLE I—SPECTRUM AUCTIONS AND INNOVATION

Sec. 101. Spectrum auctions and innovation.

**TITLE II—SECURE AND TRUSTED COMMUNICATIONS NETWORKS
REIMBURSEMENT PROGRAM**

Sec. 201. Increase in limitation on expenditure.

TITLE III—NEXT GENERATION 9–1–1

Sec. 301. Further deployment and coordination of Next Generation 9–1–1.

Sec. 302. Transfer to NTIA of sole responsibility for certain 9–1–1 implementation coordination functions.

**6 TITLE I—SPECTRUM AUCTIONS
7 AND INNOVATION**

8 SEC. 101. SPECTRUM AUCTIONS AND INNOVATION.

9 (a) DEFINITIONS.—In this section:

1 (1) ASSISTANT SECRETARY.—The term “Assist-
2 ant Secretary” means the Assistant Secretary of
3 Commerce for Communications and Information.

4 (2) COMMISSION.—The term “Commission”
5 means the Federal Communications Commission.

6 (3) COVERED BAND.—The term “covered
7 band” means the band of frequencies between 3100
8 megahertz and 3450 megahertz, inclusive.

9 (4) FEDERAL ENTITY.—The term “Federal en-
10 tity” has the meaning given such term in section
11 113(l) of the National Telecommunications and In-
12 formation Administration Organization Act (47
13 U.S.C. 923(l)).

14 (5) RELEVANT CONGRESSIONAL COMMIT-
15 TEES.—The term “relevant congressional commit-
16 tees” means—

17 (A) the Committee on Energy and Com-
18 merce of the House of Representatives;

19 (B) the Committee on Commerce, Science,
20 and Transportation of the Senate;

21 (C) the Committee on Armed Services of
22 the House of Representatives; and

23 (D) the Committee on Armed Services of
24 the Senate.

1 (6) RELOCATION OR SHARING COSTS.—The
2 term “relocation or sharing costs” has the meaning
3 given such term in section 113(g)(3) of the National
4 Telecommunications and Information Administration
5 Organization Act (47 U.S.C. 923(g)(3)).

6 (7) SECRETARY.—The term “Secretary” means
7 the Secretary of Commerce.

8 (b) 3.1–3.45 GHz BAND.—

9 (1) PIPELINE FUNDING.—

10 (A) IN GENERAL.—Immediately following
11 the approval under subparagraph (E) of sub-
12 section (g)(2) of section 118 of the National
13 Telecommunications and Information Adminis-
14 tration Organization Act (47 U.S.C. 928) of a
15 plan submitted under subparagraph (D)(i)(I) of
16 such subsection by a Federal entity with oper-
17 ations in the covered band, the Director of the
18 Office of Management and Budget shall trans-
19 fer to such Federal entity from the Spectrum
20 Relocation Fund established under such section
21 \$50,000,000 for such Federal entity to carry
22 out activities described in subparagraph (A) of
23 such subsection in order to make available the
24 entire covered band for non-Federal use, shared

1 Federal and non-Federal use, or a combination
2 thereof, including by making available—

3 (i) frequencies in the covered band for
4 identification by the Secretary under para-
5 graph (2)(A); and

6 (ii) frequencies in the covered band
7 for identification by the Secretary under
8 paragraph (2)(B).

9 (B) EXEMPTION.—Section
10 118(g)(2)(D)(ii) of the National Telecommuni-
11 cations and Information Administration Organi-
12 zation Act (47 U.S.C. 928(g)(2)(D)(ii)) shall
13 not apply with respect to the payment required
14 under subparagraph (A).

15 (C) OVERSIGHT.—The Assistant Secretary
16 and the Executive Office of the President shall
17 continuously review and provide oversight of the
18 activities carried out using a payment under
19 subparagraph (A).

20 (D) REPORT TO SECRETARY OF COM-
21 MERCE AND CONGRESS.—Not later than 18
22 months after the date of enactment of this Act,
23 for the purposes of aiding the Secretary in
24 making the identification under paragraph (2)
25 and informed by the activities carried out using

1 a payment under subparagraph (A), any Fed-
2 eral entity receiving such a payment, in con-
3 sultation with the Assistant Secretary and the
4 Executive Office of the President, shall submit
5 to the Secretary and the relevant congressional
6 committees a report that—

7 (i) contains the findings of the activi-
8 ties carried out using such payment; and

9 (ii) recommends—

10 (I) frequencies in the covered
11 band for identification by the Sec-
12 retary under paragraph (2)(A); and

13 (II) frequencies in the covered
14 band for identification by the Sec-
15 retary under paragraph (2)(B).

16 (2) IDENTIFICATION.—Not later than 24
17 months after the date of enactment of this Act, in-
18 formed by the activities carried out using a payment
19 under paragraph (1)(A) and the report required
20 under paragraph (1)(D), the Secretary, in consulta-
21 tion with the Secretary of Defense, the Director of
22 the Office of Science and Technology Policy, and the
23 Commission, shall submit to the President, the Com-
24 mission, and the relevant congressional committees a
25 report that—

1 (A) identifies for inclusion in a system of
2 competitive bidding under paragraph (3) at
3 least 200 megahertz of frequencies in the cov-
4 ered band for non-Federal use, shared Federal
5 and non-Federal use, or a combination thereof;
6 and

7 (B) identifies additional frequencies in the
8 covered band that could be made available for
9 non-Federal use, shared Federal and non-Fed-
10 eral use, or a combination thereof.

11 (3) AUCTION.—

12 (A) IN GENERAL.—Not later than 7 years
13 after the date of enactment of this Act, the
14 Commission, in coordination with the Assistant
15 Secretary, shall commence a system of competi-
16 tive bidding under section 309(j) of the Com-
17 munications Act of 1934 (47 U.S.C. 309(j)), in
18 accordance with paragraph (2) of this sub-
19 section, of the frequencies identified under sub-
20 paragraph (A) of that paragraph.

21 (B) PROHIBITION.—No entity that is on
22 the list required by section 2 of the Secure and
23 Trusted Communications Networks Act of 2019
24 (47 U.S.C. 1601) may participate in the system

1 of competitive bidding required by subpara-
2 graph (A).

3 (C) SCOPE.—The Commission may not in-
4 clude in the system of competitive bidding re-
5 quired by subparagraph (A) any frequencies
6 that are not in the covered band.

7 (D) DEPOSIT OF PROCEEDS.—Notwith-
8 standing subparagraphs (A), (C)(i), and (D) of
9 section 309(j)(8) of the Communications Act of
10 1934 (47 U.S.C. 309(j)(8)) and except as pro-
11 vided in subparagraph (B) of such section, the
12 proceeds (including deposits and upfront pay-
13 ments from successful bidders) of the system of
14 competitive bidding required by subparagraph
15 (A) of this paragraph (in this subparagraph re-
16 ferred to as the “covered proceeds”) shall be
17 deposited or available as follows:

18 (i) Such amount of the covered pro-
19 ceeds as is necessary to cover the reloca-
20 tion or sharing costs of Federal entities re-
21 located from or sharing the frequencies
22 identified under paragraph (2)(A) of this
23 subsection shall be deposited in the Spec-
24 trum Relocation Fund established under
25 section 118 of the National Telecommuni-

1 cations and Information Administration
2 Organization Act (47 U.S.C. 928).

3 (ii) After the amount required to be
4 deposited by clause (i) is so deposited,
5 \$3,400,000,000 (or such lesser amount as
6 remains) of the covered proceeds shall be
7 available to the Commission until expended
8 to make reimbursements under section 4 of
9 the Secure and Trusted Communications
10 Networks Act of 2019 (47 U.S.C. 1603).

11 (iii) After the amount required to be
12 made available by clause (ii) is so made
13 available, any remainder of the covered
14 proceeds (but not more than
15 \$10,000,000,000 of any such remainder)
16 shall be available to the Assistant Sec-
17 retary until expended to carry out title III
18 of this Act and the amendments made by
19 such title, except that not more than 4 per-
20 cent of the amount made available by this
21 clause may be used for administrative pur-
22 poses (including carrying out sections 160
23 and 161 of the National Telecommuni-
24 cations and Information Administration
25 Organization Act, as added by such title).

1 (4) MODIFICATION OR WITHDRAWAL.—

2 (A) IN GENERAL.—The President shall
3 modify or withdraw any assignment to a Fed-
4 eral Government station of the frequencies iden-
5 tified under paragraph (2)(A) to accommodate
6 non-Federal use, shared Federal and non-Fed-
7 eral use, or a combination thereof in accordance
8 with that paragraph.

9 (B) LIMITATIONS.—The President may not
10 modify or withdraw any assignment to a Fed-
11 eral Government station as described in sub-
12 paragraph (A)—

13 (i) unless the President determines
14 that such modification or withdrawal will
15 not compromise the primary mission of a
16 Federal entity operating in the covered
17 band; or

18 (ii) before November 30, 2024.

19 (5) AUCTION PROCEEDS TO COVER 110 PER-
20 CENT OF FEDERAL RELOCATION OR SHARING
21 COSTS.—Nothing in this subsection shall be con-
22 strued to relieve the Commission from the require-
23 ments under section 309(j)(16)(B) of the Commu-
24 nications Act of 1934 (47 U.S.C. 309(j)(16)(B)).

1 (6) RULES AUTHORIZING ADDITIONAL USE OF
2 SPECTRUM IN COVERED BAND.—Not later than 4
3 years after the date of enactment of this Act, the
4 Commission, in coordination with the Assistant Sec-
5 retary, shall adopt rules that authorize the use of
6 spectrum in the covered band identified under para-
7 graph (2)(B) for non-Federal use, shared Federal
8 and non-Federal use, or a combination thereof.

9 (c) FCC AUCTION AUTHORITY.—

10 (1) TERMINATION.—Section 309(j)(11) of the
11 Communications Act of 1934 (47 U.S.C. 309(j)(11))
12 is amended by striking “2025” and all that follows
13 and inserting “2025, and with respect to the electro-
14 magnetic spectrum identified under section
15 101(b)(2)(A) of the Spectrum Innovation Act of
16 2022, such authority shall expire on the date that is
17 7 years after the date of enactment of that Act.”.

18 (2) SPECTRUM PIPELINE ACT OF 2015.—Section
19 1004 of the Spectrum Pipeline Act of 2015 (Public
20 Law 114–74; 129 Stat. 621; 47 U.S.C. 921 note) is
21 amended—

22 (A) in subsection (a), by striking “2022”
23 and inserting “2024”; and

24 (B) in subsection (b)(1), by striking
25 “2022” and inserting “2024”.

1 (d) REPEAL.—Section 90008 of the Infrastructure
2 Investment and Jobs Act (Public Law 117–58; 135 Stat.
3 1348; 47 U.S.C. 921 note), and the item relating to such
4 section in the table of contents in section 1(b) of such Act,
5 are repealed.

6 **TITLE II—SECURE AND TRUSTED**
7 **COMMUNICATIONS NET-**
8 **WORKS REIMBURSEMENT**
9 **PROGRAM**

10 **SEC. 201. INCREASE IN LIMITATION ON EXPENDITURE.**

11 Section 4(k) of the Secure and Trusted Communica-
12 tions Networks Act of 2019 (47 U.S.C. 1603(k)) is
13 amended by striking “\$1,900,000,000” and inserting
14 “\$5,300,000,000”.

15 **TITLE III—NEXT GENERATION 9–**
16 **1–1**

17 **SEC. 301. FURTHER DEPLOYMENT AND COORDINATION OF**
18 **NEXT GENERATION 9–1–1.**

19 (a) ADDITIONAL DUTIES OF THE 9–1–1 IMPLEMEN-
20 TATION COORDINATION OFFICE WITH RESPECT TO NEXT
21 GENERATION 9–1–1.—Section 158 of the National Tele-
22 communications and Information Administration Organi-
23 zation Act (47 U.S.C. 942) is amended—

24 (1) in subsection (a)—

1 (A) in paragraph (1)(B), by inserting “and
2 section 159” after “section”; and

3 (B) by adding at the end the following:

4 “(4) ADDITIONAL DUTIES OF THE OFFICE
5 WITH RESPECT TO NEXT GENERATION 9–1–1.—

6 “(A) ADDITIONAL DUTIES.—The Office
7 shall—

8 “(i) take actions, in concert with the
9 coordinators designated in accordance with
10 section 159(b)(2)(A)(ii), to improve coordi-
11 nation and communication with respect to
12 the implementation of Next Generation 9–
13 1–1;

14 “(ii) develop, collect, and disseminate
15 information concerning the practices, pro-
16 cedures, and technology used in the imple-
17 mentation of Next Generation 9–1–1;

18 “(iii) advise and assist eligible entities
19 in the preparation of implementation plans
20 required under section 159(b)(2)(A)(iii);

21 “(iv) provide technical assistance to
22 eligible entities provided a grant under sec-
23 tion 159(b) in support of efforts to explore
24 efficiencies related to Next Generation 9–
25 1–1;

1 “(v) receive, review, and recommend
2 to the Assistant Secretary and the Admin-
3 istrator the approval or disapproval of ap-
4 plications for grants under section 159(b);
5 and

6 “(vi) oversee the use of funds pro-
7 vided by such grants in fulfilling such im-
8 plementation plans.

9 “(B) ANNUAL REPORTS.—Not later than
10 October 1, 2023, and each year thereafter until
11 funds made available to make grants under sec-
12 tion 159(b) are no longer available to be ex-
13 pended, the Assistant Secretary and the Admin-
14 istrator shall submit to Congress a report on
15 the activities conducted by the Office under
16 subparagraph (A) in the year preceding the
17 submission of the report.”; and

18 (2) in subsection (d)(2), by striking “section”
19 each place it appears and inserting “section (except
20 for paragraphs (1) and (4) of subsection (a) and for
21 subsection (e))”.

22 (b) COORDINATION OF NEXT GENERATION 9–1–1
23 IMPLEMENTATION.—Part C of the National Tele-
24 communications and Information Administration Organi-

1 zation Act (47 U.S.C. 901 et seq.) is amended by adding
2 at the end the following:

3 **“SEC. 159. COORDINATION OF NEXT GENERATION 9–1–1 IM-**
4 **PLEMENTATION.**

5 “(a) ADDITIONAL FUNCTIONS OF 9–1–1 IMPLEMEN-
6 TATION COORDINATION OFFICE.—

7 “(1) MANAGEMENT PLAN.—

8 “(A) DEVELOPMENT.—The Assistant Sec-
9 retary and the Administrator shall develop a
10 management plan for the grant program estab-
11 lished under this section, including by devel-
12 oping—

13 “(i) plans related to the organiza-
14 tional structure of such program; and

15 “(ii) funding profiles for each fiscal
16 year of the duration of such program.

17 “(B) SUBMISSION TO CONGRESS.—Not
18 later than 180 days after the date of the enact-
19 ment of this section, the Assistant Secretary
20 and the Administrator shall—

21 “(i) submit the management plan de-
22 veloped under subparagraph (A) to—

23 “(I) the Committees on Com-
24 merce, Science, and Transportation
25 and Appropriations of the Senate; and

1 “(II) the Committees on Energy
2 and Commerce and Appropriations of
3 the House of Representatives; and

4 “(ii) publish the management plan de-
5 veloped under subparagraph (A) on the
6 website of the National Telecommuni-
7 cations and Information Administration.

8 “(2) MODIFICATION OF PLAN.—

9 “(A) MODIFICATION.—The Assistant Sec-
10 retary and the Administrator may modify the
11 management plan developed under paragraph
12 (1)(A).

13 “(B) SUBMISSION.—Not later than 90
14 days after the plan is modified under subpara-
15 graph (A), the Assistant Secretary and the Ad-
16 ministrator shall—

17 “(i) submit the modified plan to—

18 “(I) the Committees on Com-
19 merce, Science, and Transportation
20 and Appropriations of the Senate; and

21 “(II) the Committees on Energy
22 and Commerce and Appropriations of
23 the House of Representatives; and

1 “(ii) publish the modified plan on the
2 website of the National Telecommuni-
3 cations and Information Administration.

4 “(b) NEXT GENERATION 9–1–1 IMPLEMENTATION
5 GRANTS.—

6 “(1) GRANTS.—The Assistant Secretary and
7 the Administrator, acting through the Office, shall
8 provide grants to eligible entities for—

9 “(A) implementing Next Generation 9–1–
10 1;

11 “(B) maintaining Next Generation 9–1–1;

12 “(C) training directly related to imple-
13 menting, maintaining, and operating Next Gen-
14 eration 9–1–1 if the cost related to the training
15 does not exceed 3 percent of the total grant
16 award;

17 “(D) public outreach and education on how
18 the public can best use Next Generation 9–1–
19 1 and the capabilities and usefulness of Next
20 Generation 9–1–1;

21 “(E) administrative costs associated with
22 planning and implementation of Next Genera-
23 tion 9–1–1, including any cost related to plan-
24 ning for and preparing an application and re-

1 lated materials as required by this subsection,
2 if—

3 “(i) the cost is fully documented in
4 materials submitted to the Office; and

5 “(ii) the cost is reasonable, necessary,
6 and does not exceed 1 percent of the total
7 grant award; and

8 “(F) costs associated with implementing
9 cybersecurity measures at emergency commu-
10 nications centers or with respect to Next Gen-
11 eration 9–1–1.

12 “(2) APPLICATION.—In providing grants under
13 paragraph (1), the Assistant Secretary and the Ad-
14 ministrator, acting through the Office, shall require
15 an eligible entity to submit to the Office an applica-
16 tion, at the time and in the manner determined by
17 the Assistant Secretary and the Administrator, and
18 containing the certification required by paragraph
19 (3).

20 “(3) COORDINATION REQUIRED.—Each eligible
21 entity shall include in the application required by
22 paragraph (2) a certification that—

23 “(A) in the case of an eligible entity that
24 is a State, the entity—

1 “(i) has coordinated the application
2 with the emergency communications cen-
3 ters located within the jurisdiction of the
4 entity;

5 “(ii) has designated a single officer or
6 governmental body to serve as the State
7 point of contact to coordinate the imple-
8 mentation of Next Generation 9–1–1 for
9 that State, except that such designation
10 need not vest such officer or governmental
11 body with direct legal authority to imple-
12 ment Next Generation 9–1–1 or to manage
13 emergency communications operations; and

14 “(iii) has developed and submitted a
15 plan for the coordination and implementa-
16 tion of Next Generation 9–1–1 that—

17 “(I) ensures interoperability by
18 requiring the use of commonly accept-
19 ed standards;

20 “(II) ensures reliable operations;

21 “(III) enables emergency commu-
22 nications centers to process, analyze,
23 and store multimedia, data, and other
24 information;

1 “(IV) incorporates cybersecurity
2 tools, including intrusion detection
3 and prevention measures;

4 “(V) includes strategies for co-
5 ordinating cybersecurity information
6 sharing between Federal, State, Trib-
7 al, and local government partners;

8 “(VI) uses open and competitive
9 request for proposal processes, includ-
10 ing through shared government pro-
11 curement vehicles, for deployment of
12 Next Generation 9–1–1;

13 “(VII) documents how input was
14 received and accounted for from rel-
15 evant rural and urban emergency
16 communications centers, regional au-
17 thorities, local authorities, and Tribal
18 authorities;

19 “(VIII) includes a governance
20 body or bodies, either by creation of
21 new, or use of existing, body or bod-
22 ies, for the development and deploy-
23 ment of Next Generation 9–1–1
24 that—

1 “(aa) ensures full notice and
2 opportunity for participation by
3 relevant stakeholders; and

4 “(bb) consults and coordi-
5 nates with the State point of con-
6 tact required by clause (ii);

7 “(IX) creates efficiencies related
8 to Next Generation 9–1–1 functions,
9 including cybersecurity and the
10 virtualization and sharing of infra-
11 structure, equipment, and services;
12 and

13 “(X) utilizes an effective, com-
14 petitive approach to establishing au-
15 thentication, credentialing, secure con-
16 nections, and access in deploying Next
17 Generation 9–1–1, including by—

18 “(aa) requiring certificate
19 authorities to be capable of cross-
20 certification with other authori-
21 ties;

22 “(bb) avoiding risk of a sin-
23 gle point of failure or vulner-
24 ability; and

1 “(cc) adhering to Federal
2 agency best practices such as
3 those promulgated by the Na-
4 tional Institute of Standards and
5 Technology; and

6 “(B) in the case of an eligible entity that
7 is a Tribal Organization, the Tribal Organiza-
8 tion has complied with clauses (i) and (iii) of
9 subparagraph (A).

10 “(4) CRITERIA.—

11 “(A) IN GENERAL.—Not later than 9
12 months after the date of the enactment of this
13 section, the Assistant Secretary and the Admin-
14 istrator shall issue regulations, after providing
15 the public with notice and an opportunity to
16 comment, prescribing the criteria for selection
17 for grants under this subsection.

18 “(B) REQUIREMENTS.—The criteria
19 shall—

20 “(i) include performance requirements
21 and a schedule for completion of any
22 project to be financed by a grant under
23 this subsection; and

24 “(ii) specifically permit regional or
25 multi-State applications for funds.

1 “(C) UPDATES.—The Assistant Secretary
2 and the Administrator shall update such regula-
3 tions as necessary.

4 “(5) GRANT CERTIFICATIONS.—Each eligible
5 entity shall certify to the Assistant Secretary and
6 the Administrator at the time of application, and
7 each eligible entity that receives such a grant shall
8 certify to the Assistant Secretary and the Adminis-
9 trator annually thereafter during any period of time
10 the funds from the grant are available to the eligible
11 entity, that—

12 “(A) beginning on the date that is 180
13 days before the date on which the application as
14 filed, no portion of any 9–1–1 fee or charge im-
15 posed by the eligible entity (or in the case that
16 the eligible entity is not a State or Tribal orga-
17 nization, any State or taxing jurisdiction within
18 which the eligible entity will carry out, or is
19 carrying out, activities using grant funds) are
20 obligated or expended for a purpose or function
21 not designated under the rules issued pursuant
22 to section 6(f)(3) of the Wireless Communica-
23 tions and Public Safety Act of 1999 (47 U.S.C.
24 615a–1(f)(3))(as such rules are in effect on the

1 date on which the eligible entity makes the cer-
2 tification) as acceptable;

3 “(B) any funds received by the eligible en-
4 tity will be used consistent with subsection
5 (b)(1) to support the deployment of Next Gen-
6 eration 9–1–1 that ensures reliability and inter-
7 operability, by requiring the use of commonly
8 accepted standards;

9 “(C) the eligible entity (or in the case that
10 the eligible entity is not a State or Tribal orga-
11 nization, any State or taxing jurisdiction within
12 which the eligible entity will carry out or is car-
13 rying out activities using grant funds) has es-
14 tablished, or has committed to establish not
15 later than 3 years following the date on which
16 the grant funds are distributed to the eligible
17 entity—

18 “(i) a sustainable funding mechanism
19 for Next Generation 9–1–1; and

20 “(ii) effective cybersecurity resources
21 for Next Generation 9–1–1;

22 “(D) the eligible entity will promote inter-
23 operability between emergency communications
24 centers deploying Next Generation 9–1–1 and
25 emergency response providers, including users

1 of the nationwide public safety broadband net-
2 work;

3 “(E) the eligible entity has or will take
4 steps to coordinate with adjoining States and
5 Tribes to establish and maintain Next Genera-
6 tion 9–1–1; and

7 “(F) the eligible entity has developed a
8 plan for public outreach and education on how
9 the public can best use Next Generation 9–1–
10 1 and on the capabilities and usefulness of Next
11 Generation 9–1–1.

12 “(6) CONDITION OF GRANT.—Each eligible en-
13 tity shall agree, as a condition of receipt of a grant
14 made under this subsection, that if any State or tax-
15 ing jurisdiction within which the eligible entity will
16 carry out activities using grant funds, during any
17 period of time during which the funds from the
18 grant are available to the eligible entity, fails to
19 comply a certification required under paragraph (5),
20 all of the funds from such grant shall be returned
21 to the Office.

22 “(7) PENALTY FOR PROVIDING FALSE INFOR-
23 MATION.—Any eligible entity that provides a certifi-
24 cation under paragraph (5) knowing that the infor-
25 mation provided in the certification was false shall—

1 “(A) not be eligible to receive the grant
2 under this subsection;

3 “(B) return any grant awarded under this
4 subsection; and

5 “(C) not be eligible to receive any subse-
6 quent grants under this subsection.

7 “(8) PROHIBITION.—Grant funds provided
8 under this subsection may not be used—

9 “(A) to support any activity of the First
10 Responder Network Authority; or

11 “(B) to make any payments to a person
12 who has been, for reasons of national security,
13 prohibited by any entity of the Federal Govern-
14 ment from bidding on a contract, participating
15 in an auction, or receiving a grant.

16 “(c) DEFINITIONS.—In this section and sections 160
17 and 161:

18 “(1) 9–1–1 FEE OR CHARGE.—The term ‘9–1–
19 1 fee or charge’ has the meaning given such term in
20 section 6(f)(3)(D) of the Wireless Communications
21 and Public Safety Act of 1999 (47 U.S.C. 615a–
22 1(f)(3)(D)).

23 “(2) 9–1–1 REQUEST FOR EMERGENCY ASSIST-
24 ANCE.—The term ‘9–1–1 request for emergency as-
25 sistance’ means a communication, such as voice,

1 text, picture, multimedia, or any other type of data
2 that is sent to a facility for the purpose of request-
3 ing emergency assistance.

4 “(3) ADMINISTRATOR.—The term ‘Adminis-
5 trator’ means the Administrator of the National
6 Highway Traffic Safety Administration.

7 “(4) COMMONLY ACCEPTED STANDARDS.—The
8 term ‘commonly accepted standards’ mean the tech-
9 nical standards followed by the communications in-
10 dustry for network, device, and Internet Protocol
11 connectivity that—

12 “(A) enable interoperability; and

13 “(B) are—

14 “(i) developed and approved by a
15 standards development organization that is
16 accredited by an American or international
17 standards body (such as the American Na-
18 tional Standards Institute or International
19 Code Council) in a process—

20 “(I) that is open to the public,
21 including open for participation by
22 any person; and

23 “(II) provides for a conflict reso-
24 lution process;

1 “(ii) subject to an open comment and
2 input process before being finalized by the
3 standards development organization;

4 “(iii) consensus-based; and

5 “(iv) made publicly available once ap-
6 proved.

7 “(5) COST RELATED TO TRAINING.—The term
8 ‘cost related to training’ means—

9 “(A) actual wages incurred for travel and
10 attendance, including any necessary overtime
11 pay and backfill wage;

12 “(B) travel expenses;

13 “(C) instructor expenses; or

14 “(D) facility costs and training materials.

15 “(6) ELIGIBLE ENTITY.—The term ‘eligible en-
16 tity’—

17 “(A) means a State or a Tribal organiza-
18 tion (as defined in section 4(l) of the Indian
19 Self-Determination and Education Assistance
20 Act (25 U.S.C. 5304));

21 “(B) may be an entity, including a public
22 authority, board, or commission, established by
23 one or more entities described in subparagraph
24 (A); and

1 “(C) does not include any entity that has
2 failed to submit the certifications required
3 under subsection (b)(4).

4 “(7) EMERGENCY COMMUNICATIONS CENTER.—
5 The term ‘emergency communications center’—

6 “(A) means a facility that—

7 “(i) is designated to receive a 9–1–1
8 request for emergency assistance; and

9 “(ii) performs one or more of the fol-
10 lowing functions—

11 “(I) process and analyze 9–1–1
12 requests for emergency assistance and
13 information and data related to such
14 requests;

15 “(II) dispatch appropriate emer-
16 gency response providers;

17 “(III) transfer or exchange 9–1–
18 1 requests for emergency assistance
19 and information and data related to
20 such requests with one or more facili-
21 ties described under this paragraph
22 and emergency response providers;

23 “(IV) analyze any communica-
24 tions received from emergency re-
25 sponse providers; and

1 “(V) support incident command
2 functions; or

3 “(B) may be a public safety answering
4 point, as defined in section 222 of the Commu-
5 nications Act of 1934 (47 U.S.C. 222).

6 “(8) EMERGENCY RESPONSE PROVIDER.—The
7 term ‘emergency response provider’ has the meaning
8 given that term under section 2 of the Homeland Se-
9 curity Act of 2002 (6 U.S.C. 101).

10 “(9) FIRST RESPONDER NETWORK AUTHOR-
11 ITY.—The term ‘First Responder Network Author-
12 ity’ means the authority established under 6204 of
13 the Middle Class Tax Relief and Job Creation Act
14 of 2012 (47 U.S.C. 1424).

15 “(10) INTEROPERABLE.—The term ‘interoper-
16 able’ or ‘interoperability’ means the capability of
17 emergency communications centers to receive 9–1–1
18 requests for emergency assistance and information/
19 data related to such requests, such as location infor-
20 mation and callback numbers from a person initi-
21 ating the request, then process and share the 9–1–
22 1 requests for emergency assistance and informa-
23 tion/data related to such requests with other emer-
24 gency communications centers and emergency re-
25 sponse providers without the need for proprietary

1 interfaces and regardless of jurisdiction, equipment,
2 device, software, service provider, or other relevant
3 factors.

4 “(11) NATIONWIDE PUBLIC SAFETY
5 BROADBAND NETWORK.—The term ‘nationwide pub-
6 lic safety broadband network’ has the meaning given
7 the term in section 6001 of the Middle Class Tax
8 Relief and Job Creation Act of 2012 (47 U.S.C.
9 1401).

10 “(12) NEXT GENERATION 9–1–1.—The term
11 ‘Next Generation 9–1–1’ means an interoperable, se-
12 cure, Internet Protocol-based system that—

13 “(A) employs commonly accepted stand-
14 ards;

15 “(B) enables emergency communications
16 centers to receive, process, and analyze all types
17 of 9–1–1 requests for emergency assistance;

18 “(C) acquires and integrates additional in-
19 formation useful to handling 9–1–1 requests for
20 emergency assistance; and

21 “(D) supports sharing information related
22 to 9–1–1 requests for emergency assistance
23 among emergency communications centers and
24 emergency response providers.

1 “(13) OFFICE.—The term ‘Office’ means the
2 9–1–1 Implementation Coordination Office estab-
3 lished under section 158.

4 “(14) RELIABILITY.—The term ‘reliability’ or
5 ‘reliable’ means the employment of sufficient meas-
6 ures to ensure the ongoing operation of Next Gen-
7 eration 9–1–1 including through the use of geo-di-
8 verse, device- and network-agnostic elements that
9 provide more than one physical route between end
10 points with no common points where a single failure
11 at that point would cause all to fail.

12 “(15) STATE.—The term ‘State’ means any
13 State of the United States, the District of Columbia,
14 Puerto Rico, American Samoa, Guam, the United
15 States Virgin Islands, the Northern Mariana Is-
16 lands, and any other territory or possession of the
17 United States.

18 “(16) SUSTAINABLE FUNDING MECHANISM.—
19 The term ‘sustainable funding mechanism’ means a
20 funding mechanism that provides adequate revenues
21 to cover ongoing expenses, including operations,
22 maintenance, and upgrades.

23 “(d) SAVINGS PROVISION.—Nothing in this title, or
24 any amendment made by this title, shall affect any appli-
25 cation pending or grant awarded under section 158 of the

1 National Telecommunications and Information Adminis-
2 tration Organization Act (47 U.S.C. 942) before the date
3 of the enactment of this section.

4 **“SEC. 160. ESTABLISHMENT OF NATIONWIDE NEXT GEN-
5 ERATION 9–1–1 CYBERSECURITY CENTER.**

6 “The Assistant Secretary and the Administrator shall
7 establish a Next Generation 9–1–1 Cybersecurity Center
8 to Coordinate with State, local, and regional governments
9 on the sharing of cybersecurity information about, the
10 analysis of cybersecurity threats to, and guidelines for
11 strategies to detect and prevent cybersecurity intrusions
12 relating to Next-Generation 9–1–1.

13 **“SEC. 161. NEXT GENERATION 9–1–1 ADVISORY BOARD.**

14 “(a) NEXT GENERATION 9–1–1 ADVISORY BOARD.—

15 “(1) ESTABLISHMENT.—The Assistant Sec-
16 retary and the Administrator, acting through the Of-
17 fice, shall establish a ‘Public Safety Next Generation
18 9–1–1 Advisory Board’ (in this section referred to as
19 the ‘Board’) to provide recommendations to the Of-
20 fice—

21 “(A) with respect to carrying out the du-
22 ties and responsibilities of the Office in issuing
23 the regulations required under section 159(b);

24 “(B) as required by paragraph (7); and

25 “(C) upon request under paragraph (9).

1 “(2) MEMBERSHIP.—

2 “(A) VOTING MEMBERS.—Not later than
3 120 days after the date of enactment of this
4 section, the Assistant Secretary and the Admin-
5 istrator, acting through the Office, shall ap-
6 point 16 public safety members to the Board, of
7 which—

8 “(i) 4 members shall represent local
9 law enforcement officials;

10 “(ii) 4 members shall represent fire
11 and rescue officials;

12 “(iii) 4 members shall represent emer-
13 gency medical service officials; and

14 “(iv) 4 members shall represent 9–1–
15 1 professionals.

16 “(B) DIVERSITY OF MEMBERSHIP.—Mem-
17 bers shall be representatives of State or Tribes
18 and local governments, chosen to reflect geo-
19 graphic and population density differences as
20 well as public safety organizations at the na-
21 tional level across the United States.

22 “(C) EXPERTISE.—All members shall have
23 specific expertise necessary for developing tech-
24 nical requirements under this section, such as
25 technical expertise, and expertise related to

1 public safety communications and 9-1-1 serv-
2 ices.

3 “(D) RANK AND FILE MEMBERS.—A rank
4 and file member from each of the public safety
5 disciplines listed in clauses (i) through (iv) of
6 subparagraph (A) shall be appointed as a mem-
7 ber of the Board and shall be selected from an
8 organization that represents their public safety
9 discipline at the national level.

10 “(3) PERIOD OF APPOINTMENT.—

11 “(A) IN GENERAL.—Except as provided in
12 subparagraph (B), members of the Board shall
13 serve for a 3-year term.

14 “(B) REMOVAL FOR CAUSE.—A member of
15 the Board may be removed for cause upon the
16 determination of the Assistant Secretary and
17 the Administrator.

18 “(4) VACANCIES.—Any vacancy in the Board
19 shall be filled in the same manner as the original ap-
20 pointment.

21 “(5) QUORUM.—A majority of the members of
22 the Board shall constitute a quorum.

23 “(6) CHAIRPERSON AND VICE CHAIRPERSON.—
24 The Board shall select a Chairperson and Vice

1 Chairperson from among the voting members of the
2 Board.

3 “(7) DUTY OF BOARD TO SUBMIT REC-
4 OMMENDATIONS.—Not later than 120 days after all
5 members of the Board are appointed under para-
6 graph (2), the Board shall submit to the Office rec-
7 ommendations for the following—

8 “(A) deploying Next Generation 9–1–1 in
9 rural and urban areas;

10 “(B) ensuring flexibility in guidance, rules,
11 and grant funding to allow for technology im-
12 provements;

13 “(C) creating efficiencies related to Next
14 Generation 9–1–1, including cybersecurity and
15 the virtualization and sharing of core infra-
16 structure;

17 “(D) enabling effective coordination among
18 State, local, Tribal, and territorial government
19 entities to ensure that the needs of emergency
20 communications centers in both rural and
21 urban areas are taken into account in each im-
22 plementation plan required under section
23 159(b)(2)(A)(iii); and

1 “(E) incorporating existing cybersecurity
2 resources to Next Generation 9–1–1 procure-
3 ment and deployment.

4 “(8) AUTHORITY TO PROVIDE ADDITIONAL REC-
5 OMMENDATIONS.—Except as provided in paragraphs
6 (1) and (7), the Board may provide recommenda-
7 tions to the Office only upon request of the Office.

8 “(9) DURATION OF AUTHORITY.—The Board
9 shall terminate on the date on which funds made
10 available to make grants under section 159(b) are
11 no longer available to be expended.

12 “(10) RULE OF CONSTRUCTION.—Nothing in
13 this section may be construed as limiting the author-
14 ity of the Office to seek comment from stakeholders
15 and the public.”.

16 **SEC. 302. TRANSFER TO NTIA OF SOLE RESPONSIBILITY**
17 **FOR CERTAIN 9–1–1 IMPLEMENTATION CO-**
18 **ORDINATION FUNCTIONS.**

19 (a) TRANSFER.—

20 (1) FUNCTIONS.—There are transferred to the
21 Assistant Secretary all functions that on September
22 30, 2022, are assigned to the Administrator, or
23 jointly to the Assistant Secretary and the Adminis-
24 trator, under section 158, section 159, section 160,
25 and section 161 of the National Telecommunications

1 and Information Administration Organization Act
2 (47 U.S.C. 942).

3 (2) PERSONNEL AND OTHER ASSETS.—The per-
4 sonnel, property, records, and unexpended balances
5 of appropriations, allocations, and other funds em-
6 ployed, used, held, available, or to be made available
7 in connection with a function transferred to the As-
8 sistant Secretary under paragraph (1) shall be
9 transferred to the Assistant Secretary for use in
10 connection with the functions transferred.

11 (3) AUTHORITY OF DIRECTOR OF OMB.—The
12 Director of the Office of Management and Budget,
13 at such time or times as the Director shall provide,
14 may make—

15 (A) such determinations as may be nec-
16 essary with regard to the functions transferred
17 under paragraph (1) and the personnel, prop-
18 erty, records, and unexpended balances of ap-
19 propriations, allocations, and other funds trans-
20 ferred under paragraph (2); and

21 (B) such additional incidental dispositions
22 of personnel, assets, liabilities, grants, con-
23 tracts, property, records, and unexpended bal-
24 ances of appropriations, authorizations, alloca-
25 tions, and other funds held, used, arising from,

1 available to, or to be made available in connec-
2 tion with the functions transferred under para-
3 graph (1), as may be necessary to carry out
4 this section and the amendments made by this
5 section.

6 (b) REFERENCES.—On and after October 1, 2022,
7 in the case of any reference relating to the functions trans-
8 ferred under subsection (a) in any law, regulation, docu-
9 ment, paper, or other record of the United States—

10 (1) if such reference is to the Administrator, or
11 to the Assistant Secretary and the Administrator,
12 such reference shall be deemed to be to the Assistant
13 Secretary; and

14 (2) if such reference is to the National Highway
15 Traffic Safety Administration, or to the National
16 Telecommunications and Information Administration
17 and the National Highway Traffic Safety Adminis-
18 tration, such reference shall be deemed to be to the
19 National Telecommunications and Information Ad-
20 ministration.

21 (c) SAVINGS PROVISIONS.—

22 (1) DOCUMENTS AND ACTIONS.—

23 (A) IN GENERAL.—All documents and ac-
24 tions described in subparagraph (B) shall con-
25 tinue in effect according to their terms until

1 modified, terminated, superseded, set aside, or
2 revoked in accordance with law by the Assistant
3 Secretary, any officer or employee transferred
4 under subsection (a), a court of competent ju-
5 risdiction, or operation of law.

6 (B) DOCUMENTS AND ACTIONS DE-
7 SCRIBED.—A document or action described in
8 this subparagraph is any order, determination,
9 rule, grant, contract, agreement, or other docu-
10 ment or action that—

11 (i) was issued, made, granted, or al-
12 lowed to become effective by the Assistant
13 Secretary, the Administrator, the Assistant
14 Secretary and the Administrator, any offi-
15 cer or employee transferred under sub-
16 section (a), or a court of competent juris-
17 diction, in the performance of any function
18 that is transferred under such subsection;
19 and

20 (ii) is in effect on September 30, 2022
21 (or becomes effective after such day pursu-
22 ant to its terms as in effect on such day).

23 (2) PENDING PROCEEDINGS AND APPLICA-
24 TIONS.—

1 (A) IN GENERAL.—This section and the
2 amendments made by this section shall not af-
3 fect any proceeding or application for any bene-
4 fits, service, license, permit, certificate, or grant
5 or other financial assistance relating to the
6 functions transferred under subsection (a) that
7 was pending on September 30, 2022, before the
8 Assistant Secretary, the Administrator, the As-
9 sistant Secretary and the Administrator, or any
10 officer or employee transferred under such sub-
11 section, but such proceeding or application shall
12 be continued. Orders shall be issued in any such
13 proceeding, and appeals shall be taken there-
14 from, as if this section and the amendments
15 made by this section had not been enacted, and
16 orders issued in any such proceeding shall con-
17 tinue in effect until modified, terminated, su-
18 perseded, or revoked by the Assistant Secretary,
19 any other authorized official, a court of com-
20 petent jurisdiction, or operation of law.

21 (B) SUBSTITUTION.—Notwithstanding
22 subparagraph (A), on and after October 1,
23 2022, any proceeding or application described
24 in such subparagraph that was pending before
25 the Administrator, or before the Assistant Sec-

1 retary and the Administrator, shall be contin-
2 ued as described in such subparagraph before
3 the Assistant Secretary.

4 (C) RULE OF CONSTRUCTION.—Nothing in
5 this paragraph shall be construed to prohibit
6 the discontinuance or modification of any pro-
7 ceeding or application described in subpara-
8 graph (A) under the same terms and conditions
9 and to the same extent that such proceeding or
10 application could have been discontinued or
11 modified if this section and the amendments
12 made by this section had not been enacted.

13 (3) CONTINUATION OF CIVIL ACTIONS.—

14 (A) IN GENERAL.—This section and the
15 amendments made by this section shall not af-
16 fect any civil action relating to the functions
17 transferred under subsection (a) that was com-
18 menced before October 1, 2022, by or against
19 the Assistant Secretary, the Administrator, the
20 Assistant Secretary and the Administrator, or
21 any officer or employee transferred under such
22 subsection. In any such action, proceeding shall
23 be had, appeals taken, and judgment rendered
24 in the same manner and with the same effect

1 as if this section and the amendments made by
2 this section had not been enacted.

3 (B) SUBSTITUTION.—Notwithstanding
4 subparagraph (A), on and after October 1,
5 2022, in the case of any civil action described
6 in such subparagraph by or against the Admin-
7 istrator, or the Assistant Secretary and the Ad-
8 istrator, the Assistant Secretary shall be
9 substituted as a party for the Administrator, or
10 the Assistant Secretary and the Administrator,
11 respectively.

12 (4) NO CHANGE IN STATUS OF PERSONNEL.—
13 In the case of an officer or employee who is trans-
14 ferred to the Assistant Secretary under subsection
15 (a), the officer or employee's grade, compensation,
16 rate of leave, or other benefits that apply with re-
17 spect to such officer or employee at the time of
18 transfer shall not be reduced while such officer or
19 employee remains continuously employed in perform-
20 ance of the functions in connection with which such
21 officer or employee is transferred, other than for
22 cause.

23 (d) CONFORMING AMENDMENTS.—

24 (1) NATIONAL TELECOMMUNICATIONS AND IN-
25 FORMATION ADMINISTRATION ORGANIZATION ACT.—

1 The National Telecommunications and Information
2 Administration Organization Act (47 U.S.C. 942) is
3 amended—

4 (A) in section 158—

5 (i) by striking “and the Adminis-
6 trator” each place it appears; and

7 (ii) in subsection (a)(1), by striking
8 “of the National Highway Traffic Safety
9 Administration”;

10 (B) in section 159, by striking “and the
11 Administrator” each place it appears;

12 (C) in section 160, by striking “and the
13 Administrator” each place it appears; and

14 (2) EFFECTIVE DATE.—The amendments made
15 by this subsection shall take effect on October 1,
16 2022.

17 (e) DEFINITIONS.—In this section:

18 (1) ADMINISTRATOR.—The term “Adminis-
19 trator” means the Administrator of the National
20 Highway Traffic Safety Administration.

21 (2) ASSISTANT SECRETARY.—The term “Assist-
22 ant Secretary” means the Assistant Secretary of
23 Commerce for Communications and Information.



The Public Safety Communications Commission (PSCC) recently met on XX/XX/XXXX with WYDOT's Emergency Communication's Program to provide updates and develop strategies regarding WYDOT's and the State of Wyoming's mission critical & emergency communication systems.

Current Projects and system upgrades underway

WyoLink system upgrades include the replacement of outdated and end-of-life equipment:

- GTR Base Repeater replacement
- DC Power Plant replacement
- Site expansion, additional channels to be added to accommodate high usage
- 2 new additional tower sites (Northern Sheridan County, Saratoga)
- Dynamic System Resilience; adding redundancy and reliability to the system
- Microwave system upgrades
- New mobile and portable radios for WYDOT

- Inter-Subsystem interconnection - Critical Connect.

This will allow for the WyoLink system to be inter-connected with other neighboring state radio systems, as well as cellular networks. It will be an agnostic connection to cellular providers and will allow for WyoLink users to communicate with cellular devices; and visa-versa. Critical Connect will expand coverage, and usage for mission critical communications in the state of Wyoming.

- Smart Connect.

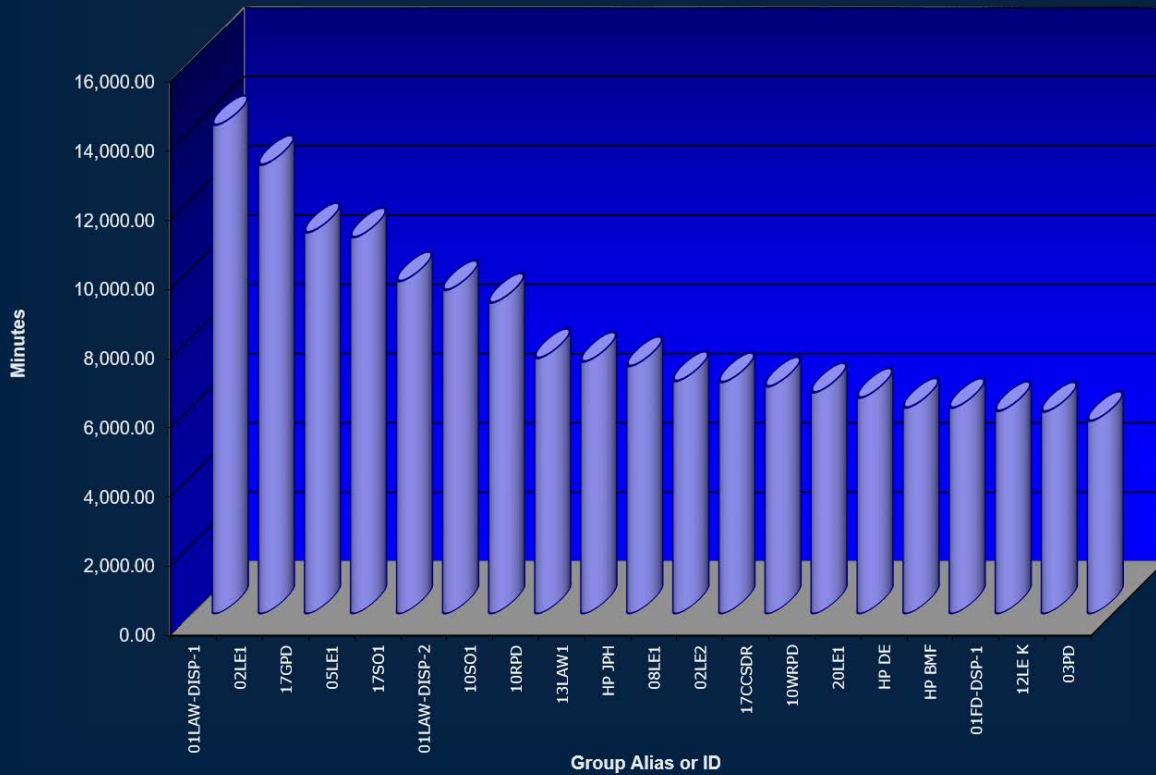
This allows Motorola APX radios already on WyoLink to connect and operate via [cellular](#) or WiFi when radios go out of range of a WyoLink site. Smart Connect will users an alternate communications path through WyoLink, helping ensure critical traffic gets to the user. This could be a more cost effective solution in many locations such as: Schools, Government buildings & basements.

[*Critical and Smart connect provides an additional method for interoperable communications for multiple agencies; with WyoLink being the platform allowing for these technologies to converge.](#)



Total Airtime Top 20 Talkgroups

01/01/2022 12:00:00 AM to 04/01/2022 12:00:00 AM
 System: ALL RFSS: ALL Site: ALL



The top 20 talkgroups were predominantly Law enforcement spread across the state.

SYSTEM STATISTICS

MONTH	PTTs	AIRTIME (minutes)
January '22	1,624,780	137,569.49
February '22	1,485,247	125,300.67
March '22	1,695,829	142,988.24

System usage shows the 2nd fiscal quarter statistics. There are some seasonal changes but nothing unusual.

The PSCC now has a role in Next Generation 911

During the March 2022 state legislation was passed to authorize the Public Safety Communications Commission (PSCC) to be the governing board for Next Gen 9-1-1(NG911) in Wyoming. Legislation created two new positions on the PSCC one a Member of Wyoming Association of Public-Safety Communications Officials (APCO)/ National Emergency Number Association (NENA) and the other from the Wyoming Office of Homeland Security.

Local authority for the operations and funding of the Public Safety Answering Point (PSAP) has not changed as Wyoming is a Home-Rule State.

NG911 Survey has been sent out to the PSAPS in Wyoming to gather information pertaining to their staffing and call volume.

At the completion of the survey there were 31 Primary 3 Secondary PSAPs and 6 dispatch centers self-identified in the state.

The Wyoming State NG911 Plan was approved by Wyoming Department of Transportation Director, Luke Reiner March 2022. The plan was updated to reflect the legislative changes.

PSAP's are updating equipment to be NG911 ready. Geographic Information System (GIS) professionals across the state have been meeting and discussing GIS standards and how to meet the needs of PSAPs.

911 Fees collected in the state are not meeting the current funding needs of 911 services. The total fees reported and the expenditures for 2020 left the PSAP community in a 5 million dollar deficit. With the cost of implementing NG911 estimated to be over 12 million dollars (911.gov) the implementation without federal grants to support costs is a concern.

WYOLINK 16 Site Expansion Project Status

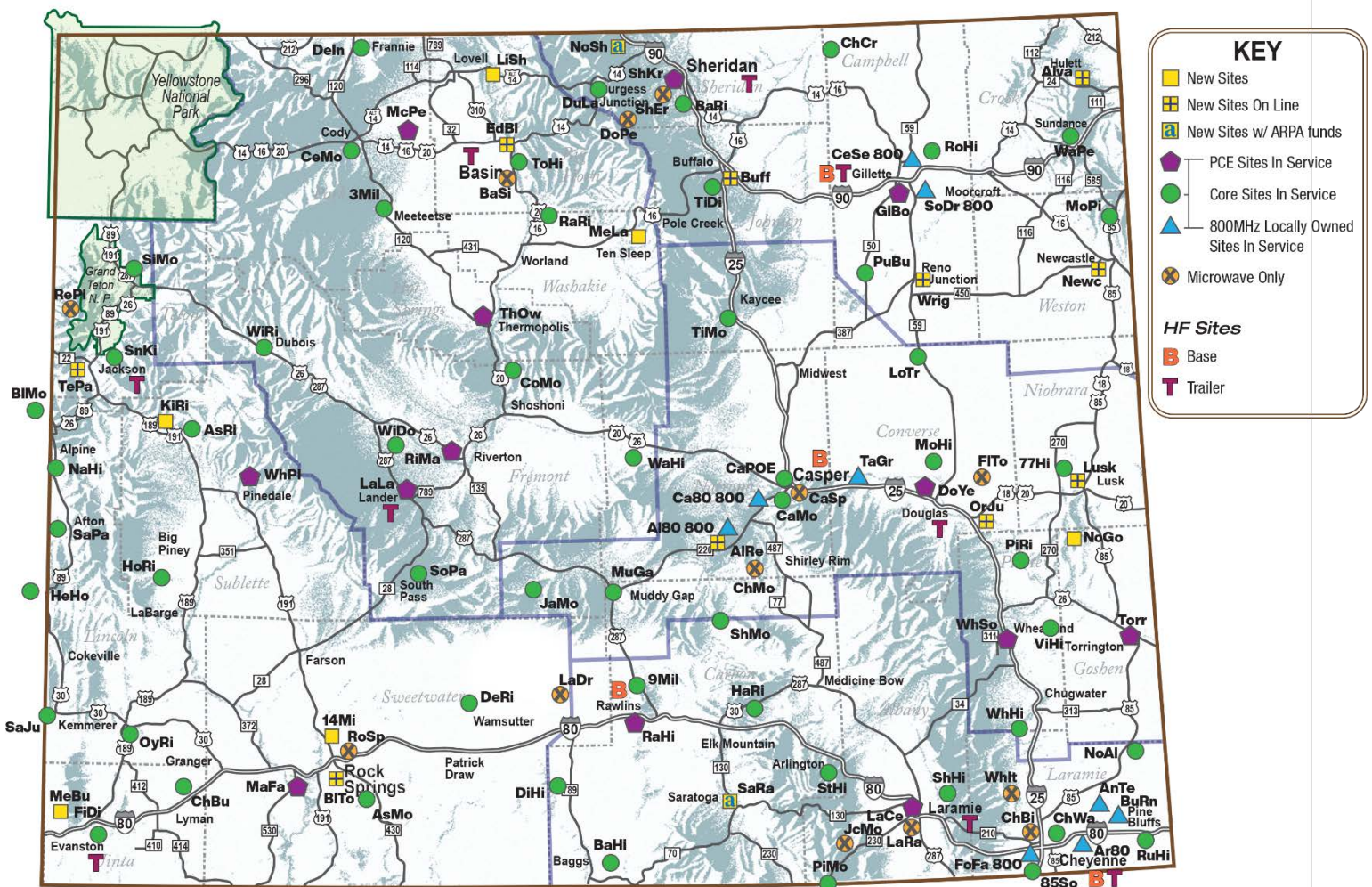
In 2018, WYDOT secured \$16 million in Federal Highway Administration Funds (FHWA) for enhanced build-out expansion of 16 tower sites. All tower development and design will follow the FHWA construction requirements. WyoLink end user experience, coverage testing, and overall benefit to WyoLink were factors used to determine the site locations, and priorities for improved coverage.

The following represents a brief update on the status and noteworthy accomplishments for each site location into the month March 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 has been constructed. Microwave Donor site (Aspen Mountain) requires new tower, currently under construction, targeting June. Site planned to go into live testing (temporary cellular connection)

- **Ten Sleep (Meadowlark):** Construction is underway (USFS assisted with expediting a road use agreement). Completion scheduled for spring/summer 2022 due to supply delays and weather
- **Northern Goshen County:** NEPA/SHPO have been completed; approved for construction. Winter/Spring 2022 target - Construction has started
- **Newcastle:** Collocate design under approval with Union. Work continues with the city and a private landowner; waiting on lease
- **Evanston:** ROW finalizing agreement with private landowners; complete. Scheduling construction underway - Spring/Summer 2022
- **North Big Horn County (Little Sheep Mnt).** Final BLM approval expected in early April. Coordinating with Utility providers for delivery of services. Spring/Summer 2022 target.
- **Bondurant:** Private landowner lease for access completed. Holding discussions with Sublette County, lease draft has been agreeable; awaiting final tower equipment design proposal for submission and county review. Spring/Summer 2022 target

WyoLink Local Towers and Locations Site Map



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 July 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

- Northern Goshen County
 - Construction underway
 - Estimated September/October site turn-up (temporary backhaul on order)

- Newcastle
 - Lease between WYDOT and the city has been signed by both parties
 - Approving transfer of FHWA funds for construction start-up

- Evanston
 - Construction underway
 - Estimated September/October site turn-up

- North Big Horn County (Little Sheep Mnt)
 - Construction schedule to start the week of 8/5/22

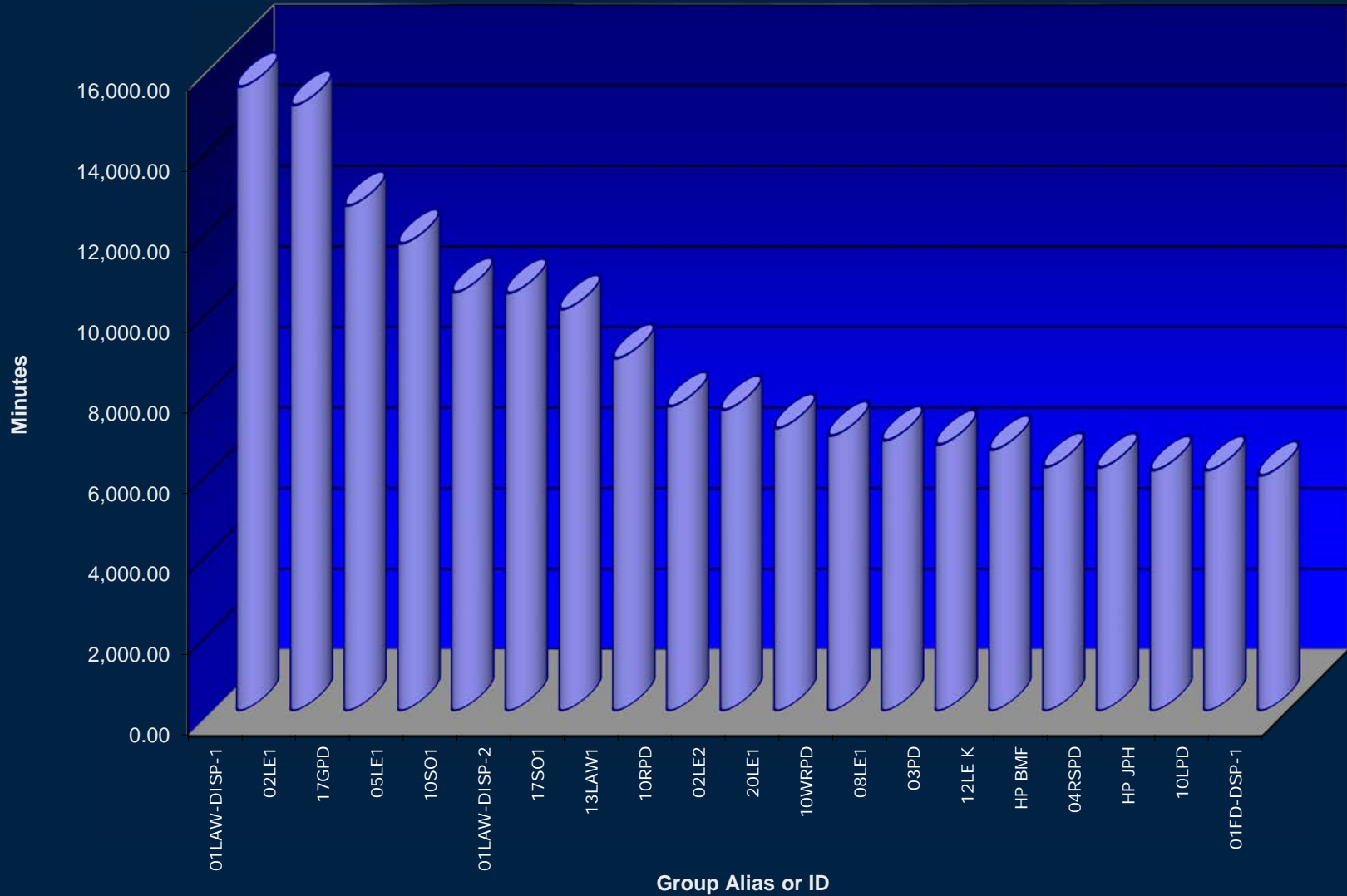
- Bondurant
 - Lease has been agreed upon between WYDOT and Sublette County, with AG for signatures

PSCC - August 10th 2022



Total Airtime Top 20 Talkgroups

04/01/2022 12:00:00 AM to 06/30/2022 11:59:00 PM



SYSTEM STATISTICS

MONTH	PTTs	AIRTIME (minutes)
April '22	1,925,628	163,305.71
May '22	1,941,019	162,493.56
June '22	1,940,747	164,423.62



Mark Gordon
Governor

WYOMING Department of Transportation

"Provide a safe and effective transportation system"

5300 Bishop Boulevard, Cheyenne, Wyoming 82009-3340



K. Luke Reiner
Director

Date: June 24, 2022

Subject: Notification of Funding for WyoLink equipment - Accepting Applications

As part of the Wyoming Department of Transportation's (WYDOT) ARPA fund allotment, 4.5 million dollars has been made available for local governments to obtain equipment compatible with the WyoLink statewide public safety interoperable radio communications system in order to assist the state's continued response to the COVID-19 public health emergency and improved connectivity of emergency responders.

The application window will open June 24, 2022, and close July 29, 2022, with awards being announced approximately 45 days thereafter.

The Communication Sub-Committee for the Senior Advisory Committee, which assists with the Wyoming Homeland Security Grant awards, will also be the reviewing body for these applications.

For compliance with funding requirements, agencies will be required to submit vendor quotes as part of the application process, and upon award, may be required to submit a refreshed quote.

- WYDOT will process all orders between the vendor and agencies
- All equipment will be shipped from the vendors directly to the agencies
- All equipment is to be received by agencies
- Upon verification of equipment delivery, all invoices will be submitted to WYDOT for processing and payment

The following link will provide access to the application, and allow for vendor quotes to be uploaded.

https://docs.google.com/forms/d/e/1FAIpQLSeP_ATwpVQdS2k_sWMW4EtXEMRcm8wwOy_IIQIjyC5PlmMtkg/viewform?usp=sf_link

Consideration of applications will be predicated on eligibility and final approval of the expenditure of ARPA funding.

For any questions, please contact:

Nathan Smolinski
Emergency Communications Program Manager
Wyoming Department of Transportation
5300 Bishop Blvd
Cheyenne WY 82009
Voice:(307) 777-4224
nathan.smolinski@wyo.gov



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
NASEMSO	National Association of State EMS Officials
NASNA	National Association of State 911 Administrators
NASPO	National Association of State Procurement Officers (<i>replaced WISCA</i>)



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

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



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

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 eleven (11) 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 Director of the Wyoming Department of Transportation, or his Designee, shall serve as an Ex Officio nonvoting member of the Commission. The eleven (11) 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.

(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 budget division of the Department of administration and information, 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.
- (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!