



# Montana

## Statewide Communication Interoperability Plan (SCIP) Annual Snapshot: 2014



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## 1. INTRODUCTION

This Statewide Communication Interoperability Plan (SCIP) Snapshot is designed to provide an annual update on Montana's progress on achieving the goals and strategic vision identified in the SCIP. Based on information provided in this report, the Department of Homeland Security (DHS) Office of Emergency Communications (OEC) will have an understanding of what progress has been made, what challenges remain, and how resources may be leveraged to support the State in terms of its SCIP. OEC will use the information collected to help Montana decide on technical assistance offerings and other support from OEC to meet initiatives and challenges identified in this report.<sup>1</sup>

This document is based on the primary components of the SCIP:

- The **Overview** section provides stakeholders and decision-makers with a brief overview of the current interoperable and emergency communications environment within the State including key accomplishments and challenges.
- The **Vision and Mission** section clearly articulates the statewide vision for the future of interoperable and emergency communications while also defining how that vision will be achieved through a concise mission statement.
- The **Update on Strategic Goals and Initiatives** section provides an understanding of the State's progress and accomplishments toward goals that have been a focus through 2014 across the emergency communications ecosystem<sup>2</sup> and interoperability continuum. The ecosystem refers to the many inter-related components and functions (e.g., communications for incident response operations, emergency notifications, alerts, and warnings, requests for assistance and reporting, and public information exchange) of modern public safety communications capabilities.
- The **Update on Measures of Success** section provides a quantified description of the progress and impact of the goals identified in the previous section.

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<sup>1</sup> The information may also help inform other national reporting efforts to include Federal Emergency Management Agency's (FEMA's) *National Preparedness Report* and OEC's *Report to Congress on Emergency Communications Progress Since 9/11*.

<sup>2</sup> As referenced in the National Emergency Communications Plan found [here](#).

## 2. OVERVIEW

Currently, Montana is primarily encountering challenges relating to the deployment of new communications technologies and networks, while maintaining legacy communications systems.

Wireless voice and data technologies are evolving rapidly and efforts are underway to deploy a nationwide broadband network to meet the needs of public safety. The Middle Class Tax Relief and Job Creation Act of 2012 (the Act), specifically Title VI, related to Public Safety Communications, authorizes the deployment of a Nationwide Public Safety Broadband Network (NPSBN) and created the First Responder Network Authority (FirstNet). The Act gives FirstNet the mission to build, operate and maintain the first high-speed, nationwide wireless broadband network dedicated to public safety. FirstNet will provide a single interoperable platform for emergency and daily public safety communications. The NPSBN may also forge a path for additional public safety broadband initiatives, such as Next Generation 911 (NG911).

Deploying current broadband technologies provides an unparalleled opportunity for the future of all communications included in the public safety communications continuum, which includes communications from a citizen in need of emergency aide to dispatch to emergency responders.

While broadband technologies and networks are deployed and initially used by public safety stakeholders, maintaining legacy communications systems may be required during this transition. Securing dedicated funding to support the ongoing maintenance of legacy communications systems will continue to be a challenge in the mid-term. As public safety communications federal grant funding continues to diminish, state and local stakeholders will need to identify and secure alternative funding sources for maintaining legacy systems.

The current interoperable and emergency communications environment within the State including the status of the Statewide Interoperability Coordinator (SWIC), the interoperability governance body, and SCIP-related meetings for the previous year is displayed in Table 1 below, followed by key accomplishments and challenges.

**Table 1: 2014 Status of SWIC, SIGB/SIEC Meetings, and Governance Body**

SWIC			
Position Status	Funding Status	Funding Source	
<input type="checkbox"/> Full-time (SWIC Duties Only) <input type="checkbox"/> Part-time (SWIC Duties Only) <input checked="" type="checkbox"/> Collateral Duty <input type="checkbox"/> No position <input type="checkbox"/> Other: _____	<input type="checkbox"/> Fully Funded <input type="checkbox"/> Partially Funded ___% (indicate percentage) <input checked="" type="checkbox"/> Not funded	<input type="checkbox"/> State-funded grant <input type="checkbox"/> State-funded budget <input type="checkbox"/> Federally-funded grant <input type="checkbox"/> Locally-funded grant <input type="checkbox"/> Locally-funded budget	
Deputy SWIC / Other Staff Support for the SWIC			
Deputy SWIC Position Status	Deputy SWIC Funding Status	Deputy SWIC Funding Source	Other SWIC Staff Support (Indicate Number)
<input type="checkbox"/> Full-time <input type="checkbox"/> Part-time <input checked="" type="checkbox"/> Collateral Duty <input type="checkbox"/> No position <input type="checkbox"/> Other: _____	<input type="checkbox"/> Fully Funded <input type="checkbox"/> Partially Funded ___% (indicate percentage) <input checked="" type="checkbox"/> Not funded	<input type="checkbox"/> State-funded grant <input type="checkbox"/> State-funded budget <input type="checkbox"/> Federally-funded grant <input type="checkbox"/> Locally-funded grant <input type="checkbox"/> Locally-funded budget	___ FTE Support ___ Volunteer Support ___ Consultant/Contractor Support
SIGB / SIEC Meeting Frequency			

SIGB / SIEC Meeting Frequency		SIGB / SIEC Meetings Related to the SCIP
<input checked="" type="checkbox"/> Monthly	<input type="checkbox"/> Biannually (twice/year)	<input checked="" type="checkbox"/> SIGB / SIEC conducted a SCIP-related meeting If so, how many <u>12</u> (number)
<input type="checkbox"/> Quarterly	<input type="checkbox"/> Other	
<input type="checkbox"/> Annually		

**Governance Body Composition**

Is the membership inclusive of the following disciplines/participants/representatives?<sup>3</sup> – Please Check all that Apply

<p><b>State Government Leadership:</b></p> <input type="checkbox"/> Executive and legislative leaders <input checked="" type="checkbox"/> Governor's Office <input type="checkbox"/> Public Utility Commission/Utility Regulation Authority <input checked="" type="checkbox"/> State Administrative Agency (SAA) <input type="checkbox"/> State Chief Financial Officer <input checked="" type="checkbox"/> State Chief Information Officer (CIO) <input type="checkbox"/> State Chief IT Security Officer <input type="checkbox"/> State Chief Technology Officer <input checked="" type="checkbox"/> State Department of Emergency Management <input type="checkbox"/> State Director of Homeland Security <input type="checkbox"/> State 911 Administrator/Emergency Communications Office <input type="checkbox"/> State EMAC Coordinator <input type="checkbox"/> State Training Officer <input type="checkbox"/> SWIC's office	<p><b>Applicable Associations:</b></p> <input checked="" type="checkbox"/> Association of Chiefs of Police & State Sheriff's Association <input checked="" type="checkbox"/> Association of Counties <input checked="" type="checkbox"/> Association of EMS Administrators <input type="checkbox"/> Association of Public-Safety Communications Officials (APCO) <input type="checkbox"/> Emergency Management Associations <input checked="" type="checkbox"/> Fire Chiefs' Association/State Fire Fighters' Associations <input type="checkbox"/> Hospital and public health associations and organizations <input checked="" type="checkbox"/> Municipal League <input type="checkbox"/> National Association of State 911 Administrators <input type="checkbox"/> National Association of CIOs <input type="checkbox"/> National Emergency Number Association (NENA) chapter <input type="checkbox"/> Public Works associations <input type="checkbox"/> State-level amateur radio organizations
<p><b>Public Safety/Public Service Entities:</b></p> <input type="checkbox"/> 911 Officials: Local <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> <input type="checkbox"/> Corrections: Local <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> <input checked="" type="checkbox"/> Emergency Management: Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> <input checked="" type="checkbox"/> Emergency Medical Services: Local <input checked="" type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Private <input type="checkbox"/> <input checked="" type="checkbox"/> Fire Departments: Local <input checked="" type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> <input checked="" type="checkbox"/> Law Enforcement: Local <input checked="" type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> <input checked="" type="checkbox"/> National Guard/Air National Guard <input type="checkbox"/> Public Health: Local <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> <input type="checkbox"/> Public Safety Communications Network Operators: Local <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> <input type="checkbox"/> Public Works: Local <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> <input type="checkbox"/> State Militia/Military Forces <input checked="" type="checkbox"/> Transportation: Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/>	<p><b>Other Applicable Entities:</b></p> <input type="checkbox"/> Board of Regents or Other higher education board representatives <input type="checkbox"/> Bordering States' SWIC (non-voting) <input checked="" type="checkbox"/> Communications industry (non-voting) <input type="checkbox"/> Federal Government representatives <input type="checkbox"/> Geographic information systems organizations <input type="checkbox"/> Local Government representatives <input type="checkbox"/> Non-governmental organizations (NGO) specializing in disaster relief <input checked="" type="checkbox"/> Private industry (non-voting) <input type="checkbox"/> Public at large (citizen) representatives <input type="checkbox"/> Regional Councils of Government (COGs) <input checked="" type="checkbox"/> Telecom carriers <input type="checkbox"/> Utilities: Government-owned <input type="checkbox"/> Commercial <input type="checkbox"/>
<p><b>Intrastate Regional Representation, as applicable:</b></p> <input type="checkbox"/> Chairperson from each regional committee <input type="checkbox"/> Representative from each UASI within a region	<p><b>Tribal Nation Representation, as applicable:</b></p> <input checked="" type="checkbox"/> Tribal law, fire, EMS, and/or government representatives

**Governance Body Components – Please check all that apply**

<input checked="" type="checkbox"/> SIGB/SIEC is codified in State law or through Governor Executive Order
<input type="checkbox"/> SIGB/SIEC has authority to make and execute decisions
<input checked="" type="checkbox"/> SIGB/SIEC charter is current and updated annually (as needed)
<input checked="" type="checkbox"/> SIGB/SIEC meetings are well attended (e.g., regularly attended by 75% of members)
<input checked="" type="checkbox"/> SIGB/SIEC includes active representation of all relevant disciplines and levels of government
<input type="checkbox"/> SIGB/SIEC includes other local and regional intra-State governance structures

<sup>3</sup> For suggestions regarding governance body membership, please reference the DHS guide for *Establishing Governance to Achieve Statewide Communications Interoperability*:

<http://www.safecomprogram.gov/SiteCollectionDocuments/EstablishingGovernanceGuide.pdf>.



- SIGB/SIEC is the designated governance structure for the Nationwide Public Safety Broadband Network (NPSBN)
- SIGB/SIEC includes the Single Point of Contact (SPOC) responsible for public safety broadband planning
- Memoranda of understanding/agreements (MOUs/MOAs) exist between jurisdictions/private entities to facilitate sharing of communications equipment and infrastructure
- SWIC is a central figure for all statewide programs, SIGB/SIEC activities, and funding associated with interoperable and emergency communications
- There are identified and open lines of communication between SWIC's office and Governor's Office/executive level staff
- SWIC facilitates regional coordination across governance body(ies)

## 2.1 Key Accomplishments

### Governance

On October 1, 2013, Governor Steve Bullock issued Executive Order 10-2013, which continued the Statewide Interoperability Governing Board (SIGB) for two years and updated the membership and purpose of the board to fulfill U.S. Department of Commerce, National Telecommunications and Information Administration (NTIA), State and Local Implementation Grant Program (SLIGP) requirements. The Governor's Executive Order directs the Montana SCIP Plan for a two (2) year period and authorizes and directs the roles and responsibilities of the SIGB and Statewide Interoperability Coordinator (SWIC). During this reporting period (calendar year 2014) the SIGB membership was fully maintained and the SIGB convened on a monthly basis. SIGB members were actively engaged in public safety communications planning, funding and FirstNet initial consultation.

### Maintaining Legacy Communications Systems

The current statewide trunked land mobile radio (LMR) system of systems poses an operations and maintenance dilemma. As the system was primarily capitalized with U.S. Department of Homeland Security (DHS) grants that included requirements that the end-recipients of the grant funding were local governments, the ownership of system assets is fractionated at the local level. As a result there is not a single, centralized entity to operate and maintain the system. In addition, due to significant reductions in federal funding and changes in federal priorities, federal grants for the maintenance and upgrade of the system is not currently available and the financial burden for maintaining these legacy systems has fallen upon the state and local governments. In consideration of this environment, Governor Bullock's Executive Order directs the SIGB to engage all public safety stakeholders in the development of a long-term, viable plan for the ongoing operation and maintenance of the statewide trunked LMR system(s). The SIGB fulfilled this objective by adopting an operation and maintenance plan for the statewide trunked LMR system(s) in November 2014.

### Deployment of New Communications Technologies and Networks

The communications technology of today is broadband (high speed IP network). As stated previously the Act provides for a nationwide broadband network. 4th Generation Long Term Evolution (4G LTE) is the current commercial industry network standard and is the technology platform for the newly envisioned NPSBN. Initially, the NPSBN will be a mobile broadband and administrative voice network. However, FirstNet will add mission critical voice as 4G LTE mission critical technologies and devices are developed. During 2014 the SIGB and its member associations were actively engaged in the initial consultation with FirstNet and Montana hosted the FirstNet initial consultation state meeting in October 2014. The meeting was very well attended by public safety communications stakeholders from across Montana.

## 2.2 Key Challenges

### Dedicated Funding

While broadband technologies and networks are deployed and initially used by public safety stakeholders, maintaining legacy communications systems may be required during this transition. Securing dedicated funding to support the ongoing maintenance of legacy LMR systems will continue to be a challenge in the mid-term. As public safety communications federal grant funding continues to diminish, state and local stakeholders will need to identify and secure alternative funding sources, if possible.

## 1. VISION AND MISSION

### **Montana Interoperable and Emergency Communications Vision:**

*Cost-effective, reliable, sustainable, interoperable public safety communications across disciplines and jurisdictions*

### **Montana Interoperable and Emergency Communications Mission:**

*Through engagement and collaboration with stakeholders ensure the delivery of interoperable public safety communications systems*

## 2. UPDATE ON STRATEGIC GOALS AND INITIATIVES

**Table 2: Update on Strategic Goals and Initiatives**

Goal #	Goal	Initiatives	Owner	Completion Date	Actual / Revised Completion Date	Status	Data Element Category (Select Category Based on the Goal)
1.	Full advisory board membership with required working groups	1.1 Appoint SIGB members	Governor	January 2014		<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Governance
		1.2 Adopt and maintain Charter and By-Laws	SIGB	March 2014 As Required		<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Governance
		1.3 Create and maintain working groups as needed within the SIGB regarding public safety communications initiatives	SIGB SWIC	As Required		<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Governance
2.	Consult with the FirstNet for the deployment of the Nationwide Public Safety Broadband Network	2.1 Engage in FirstNet consultation process	SIGB SPOC	Ongoing		<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Governance
3.	Full participation in the First Responder Network Authority consultation process	3.1 Communicate with public safety associations and Montana telecommunications providers	SIGB SPOC MDOA/S LIGP	Ongoing		<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Governance



Goal #	Goal	Initiatives	Owner	Completion Date	Actual / Revised Completion Date	Status	Data Element Category (Select Category Based on the Goal)
		through engagement and dissemination of information					
4.	Cost-effective deployment, maintenance, and operations of public safety communication s system(s)	Encourage the performance of a cost/benefit analysis of communications systems and projects before endorsement by the SIGB	SIGB Working Group(s) SWIC	Ongoing		<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Governance
5.	Updated statewide LMR mutual aid frequencies and terms and conditions for usage	Update statewide mutual aid frequencies manual and use permit system	MDOA/MAFP SWIC	March 2015		<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Standard Operating Procedures
6.	Establish terms and conditions to operate on the statewide trunked LMR system(s)	6.1 Establish a Working Group	SIGB	October 2014	January 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Standard Operating Procedures
		6.2 Develop consensus on the need for standardized protocols	Working Group	December 2014	April 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Standard Operating Procedures
		6.3 Develop and share model SOP's	Working Group	June 2015	October 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Standard Operating Procedures
		6.4 Implement SOP's	System(s) owners,	August 2015	November	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%)	Standard

Goal #	Goal	Initiatives	Owner	Completion Date	Actual / Revised Completion Date	Status	Data Element Category (Select Category Based on the Goal)
			operator s and users		2016	<input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Operating Procedures
		6.5 Establish formal review process of SOP's	Working Group	December 2015  Annually	December 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Standard Operating Procedures
7.	Complete the land mobile radio backbone	7.1 Review and prioritize existing resources and secure required resources  Execute vendor contract(s); perform project management and complete installation of required equipment with good faith consideration of using existing communications facilities and options.	SIGB SWIC  MDOJ/MHP	May 2015	December 2015	<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input checked="" type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Technology
8.	Effective and efficient operations and maintenance of the statewide trunked land mobile radio system(s)	8.1 Establish working group  Adopt governance structure  Draft and adopt plan  Execute plan	SIGB Working Group SWIC System(s) Owners/ Operator s	December 2014  Ongoing		<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Technology
9.	Deploy the	9.1 Consult with				<input type="checkbox"/> Not started	

Goal #	Goal	Initiatives	Owner	Completion Date	Actual / Revised Completion Date	Status	Data Element Category (Select Category Based on the Goal)
	Nationwide Public Safety Broadband Network in Montana	the First Responder Network Authority (FirstNet)  Maximize opportunities to leverage existing resources, including leased capacity on existing networks	FirstNet Network Stakeholders SIGB SPOC	Ongoing		<input checked="" type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Technology
10.	Regional exercises with a communication s component	10.1 Establish a Working Group	SIGB	July 2015	October 2014	<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Training and Exercises
		10.2 Identify training requirements	MDMA/DES Working Group	June 2014 Annually	Annually	<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Training and Exercises
		10.3 Request and schedule OEC Technical Assistance	SWIC	September 2014 Annually	Annually	<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Training and Exercises
		10.4 Conduct outreach to identify and notify appropriate training participants	MDMA/DES	January 2015 Annually	Annually	<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Training and Exercises
		10.5 Identify					<input type="checkbox"/> Not started

Goal #	Goal	Initiatives	Owner	Completion Date	Actual / Revised Completion Date	Status	Data Element Category (Select Category Based on the Goal)
		planned exercises that can incorporate a communications component	MDMA/DES Working Group	October 2015	October 2016 Annually	<input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Training and Exercises
11.	Communications-related training integrated in LE/Fire/EMS agencies and continuing education curriculum	11.1 Establish a Working Group	SIGB	July 2015	January 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Training and Exercises
		11.2 Identify training requirements	Working Group	January 2016 Annually	March 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Training and Exercises
		11.3 Identify availability of training	Working Group	January 2016 Annually	June 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Training and Exercises
		11.4 Recommend new education curriculum	Working Group	September 2016	December 2016		Training and Exercises
12.	Measured customer satisfaction to encourage participation in	12.1 Establish a Working Group	SIGB	May 2014	January 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Usage
		12.2 Conduct user surveys to determine system benefits	Working Group System Owners	July 2014 Annually	June 2016 Annually	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Usage

Goal #	Goal	Initiatives	Owner	Completion Date	Actual / Revised Completion Date	Status	Data Element Category (Select Category Based on the Goal)
	the statewide trunked LMR system(s)	12.3 Disseminate survey results to demonstrate the abilities, effectiveness, and benefits of the statewide system	Working Group System Owners	December 2014 Annually	December 2016 Annually	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Usage
13.	Monitored statewide trunked LMR system(s) usage for optimum performance	13.1 Review and analyze statistics on system usage	Working Group System Owners	June 2015 Annually	January 2016 Annually	<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Usage
		13.2 Encourage and promote radio discipline and etiquette by all system users	System Owners Working Group	Ongoing		<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Usage
14.	Outreach and education for greater awareness of communication s related issues	14.1 Establish a Working Group	SIGB	July 2014	January 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Outreach and Information Sharing
		14.2 Evaluate and update existing outreach activities and resources	Outreach Working Group, SWIC	August 2014 Annually	March 2016 Annually	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Outreach and Information Sharing
		14.3 Identify a funding source to implement a comprehensive public safety	Outreach Working Group	December 2015 Ongoing	June 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Outreach and Information Sharing

Goal #	Goal	Initiatives	Owner	Completion Date	Actual / Revised Completion Date	Status	Data Element Category (Select Category Based on the Goal)
	across the state	communications informational campaign			Annually		
		14.4 Conduct a statewide campaign to educate and inform the public and elected officials about the need to maintain and sustain public safety communications systems	SIGB SWIC	July 2016 Ongoing	September 2016 Annually	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Outreach and Information Sharing
15.	Public safety broadband outreach using existing forums for state, local, and tribal stakeholders	15.1 Develop SLIGP website and link to the FirstNet website	MDOA/S LIGP	August 2014 Ongoing		<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Outreach and Information Sharing
		15.2 Distribute FirstNet branded and produced information	SIGB SWIC MDOA/S LIGP	September 2016	September 2014 Ongoing	<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Outreach and Information Sharing
16.	Dedicated funding mechanism to maintain the statewide trunked LMR system(s)	16.1 Establish Working Group	SIGB	July 2014	January 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete	Life Cycle Funding
		16.2 Research and review possible funding streams to support public safety communications	Working Group		October 2014	June 2016	<input checked="" type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input type="checkbox"/> Complete

Goal #	Goal	Initiatives	Owner	Completion Date	Actual / Revised Completion Date	Status	Data Element Category (Select Category Based on the Goal)
17.	Operations and maintenance plan(s) that account for life cycle costs for the statewide trunked LMR system(s)	17.1 Educate stakeholders on life cycle funding	SIGB SWIC OEC	January 2014  Ongoing		<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Life Cycle Funding
		17.2 Identify best practices for life cycle planning	SIGB SWIC Working Group	September 2014  Ongoing		<input type="checkbox"/> Not started <input type="checkbox"/> In Progress (25%) <input type="checkbox"/> In Progress (50%) <input type="checkbox"/> In Progress (75%) <input checked="" type="checkbox"/> Complete	Life Cycle Funding



### 3. UPDATE ON MEASURES OF SUCCESS

**Table 3: Update on Measures of Success**

Measures of Success							
Goal #	Strategic Goal(s) Supported	Initial State	Target Measurement	Completion Date	Actual / Revised Completion Date	Progress to Date	Impact
1	Full advisory board membership with required working groups	Executive order that provided for SIGB had expired	Full SIGB membership	January 2014		Complete Ongoing	Established Governance
2	Consult with the First Responder Network Authority for the deployment of the Nationwide Public Safety Broadband Network	No consultation with FirstNet	Consultation with FirstNet	Ongoing		Complete Ongoing	Active engagement between FirstNet and potential network users
3	Full participation in the First Responder Network Authority consultation process	No consultation with FirstNet	Consultation with FirstNet	Ongoing		Complete Ongoing	Active engagement between FirstNet and potential network users and private industry partners

Measures of Success							
Goal #	Strategic Goal(s) Supported	Initial State	Target Measurement	Completion Date	Actual / Revised Completion Date	Progress to Date	Impact
4	Cost-effective deployment, maintenance, and operations of public safety communications system(s)		Cost-effective deployment, maintenance, and operations of public safety communications system(s)	Ongoing		Complete  Ongoing	Cost-effective deployment, maintenance, and operations of public safety communication s system(s)
5	Updated statewide LMR mutual aid frequencies and terms and conditions for usage	Use of statewide LMR mutual aid frequencies	Effective Use of statewide LMR mutual aid frequencies and use permit compliance	December 2014		Complete  Ongoing	Effective use of statewide LMR mutual aid frequencies and use permit compliance
6	Establish terms and conditions to operate on the statewide trunked LMR system(s)	Informal policies and procedures for provisioning onto the system and for system use	Established formal policies and procedures for provisioning onto the system and for system use	December 2015  Annually	December 2016  Annually	Not Started	Effective use of statewide LMR System
7	Complete the land mobile radio backbone	97% Complete	100% Complete	May 2015	December 2015	In Progress (50%)	Completion of initial phase of deployment of statewide LMR system

Measures of Success							
Goal #	Strategic Goal(s) Supported	Initial State	Target Measurement	Completion Date	Actual / Revised Completion Date	Progress to Date	Impact
8	Effective and efficient operations and maintenance of the statewide trunked land mobile radio system(s)	No established plan for the operations and maintenance of the statewide trunked land mobile radio system(s)	Established plan for the operations and maintenance of the statewide trunked land mobile radio system(s)	December 2014  Ongoing		Complete  Ongoing	Effective and efficient operations and maintenance of the statewide trunked land mobile radio system(s)
9	Deploy the Nationwide Public Safety Broadband Network in Montana	No dedicated Public Safety Broadband Network in Montana	Deployment of the Nationwide Public Safety Broadband Network in Montana	Not Established by FirstNet at this time		Ongoing	Dedicated Public Safety Broadband Network in Montana
10	Regional exercises with a communications component	Regional exercises with a communications component	Coordinated regional exercises with a communications component	Annually	Annually	Complete  Annual	Identify and coordinate training and exercise needs, which will be multi-disciplinary and cross-jurisdictional

Measures of Success							
Goal #	Strategic Goal(s) Supported	Initial State	Target Measurement	Completion Date	Actual / Revised Completion Date	Progress to Date	Impact
11	Communications-related training integrated in LE/Fire/EMS agencies and continuing education curriculum	Communications related training	Integrated and continuing education communications curriculum	September 2016	December 2016	Not Started	LE/Fire/EMS agencies and personnel will increase their communication aptitude
12	Measured customer satisfaction to encourage participation in the statewide trunked LMR system(s)	Customer participation in the statewide trunked LMR system(s)		December 2014 Annually	December 2016 Annually	Not Started	Customer satisfaction in participation in the statewide trunked LMR system(s)
13	Monitored statewide trunked LMR system(s) usage for optimum performance	Statewide trunked LMR system(s) usage	Monitored statewide trunked LMR system(s)	Annually Ongoing		Complete Ongoing	Statewide trunked LMR system(s) usage for optimum performance
14	Outreach and education for greater awareness of communications related issues across the state	Limited awareness of communications related issues across the state	Greater awareness of communications related issues across the state	July 2016 Ongoing	December 2016 Ongoing	Not Started Ongoing	Awareness of communications related issues across the state

Measures of Success							
Goal #	Strategic Goal(s) Supported	Initial State	Target Measurement	Completion Date	Actual / Revised Completion Date	Progress to Date	Impact
15	Public safety broadband outreach using existing forums for state, local, and tribal stakeholders	No public safety broadband outreach	Public safety broadband outreach using existing forums for state, local, and tribal stakeholders	September 2016	September 2014 Ongoing	Complete	Awareness of public safety broadband
16	Dedicated funding mechanism to maintain the statewide trunked LMR system(s)	No dedicated funding mechanism to maintain the statewide trunked LMR system(s)	Dedicated funding mechanism to maintain the statewide trunked LMR system(s)	October 2014	June 2016	Not Started	Effective maintenance of the statewide trunked LMR system(s)
17	Operations and maintenance plan(s) that account for life cycle costs for the statewide trunked LMR system(s)	No operations and maintenance plan(s) that account for life cycle costs for the statewide trunked LMR system(s)	Operations and maintenance plan(s) that account for life cycle costs for the statewide trunked LMR system(s)	September 2014 Ongoing		Complete	Operations and maintenance plan(s) that account for life cycle costs for the statewide trunked LMR system(s)

## **APPENDIX A – ACRONYM LIST**

DHS	Department of Homeland Security
EMS	Emergency Medical Services
FEMA	Federal Emergency Management Agency
NPSBN	Nationwide Public Safety Broadband Network
OEC	Office of Emergency Communications
NGO	Non-Governmental Organization
SCIP	Statewide Communication Interoperability Plan
SPOC	Single Point of Contact
SWIC	Statewide Interoperability Coordinator
TA	Technical Assistance