

Welcome and Introductions





John J. Barthelmes

Commissioner NH Department of Safety



New Hampshire

Economic Scoreboard 2014

<u>Categories</u>	<u>National Rank</u>	<u>Rank in New England</u>
Most Livable State	1 st	1 st
Favorable Business Tax Climate	7 th	1 st
Standard of Living	1 st	1 st
Child and Family Well Being	4 th	3 rd
Safest State	9 th	2 nd
America's Health Ranking	5 th	3 rd
Per Capita Income	8 th	3 rd
College Educated Population	8 th	4 th
Best Broadband Connectivity	1st	1st



New Hampshire

United States Ranking

Supportive Tax Structure	7 th
Low Crime Rate	9 th
Highest Standard of Living	1 st
Highest Percentage of College Educated Citizens	8 th
Highest Income Levels	8 th
Ability to Promote Sustainable Economic Development & Income Growth For Its Citizens	3 rd
Low Unemployment (4.3)	7 th
High Health Ranking	5 th
High Child Well Being	4 th
Population Trends (+0.6%)	1.3 Million
Personal Income (2003 – 2013)	+46.6%





Lebanon, New Hampshire Awarded The Best Small Town In America

Livability.com

June 2015





Challenges to Network Communications







Statewide Interoperability Executive Committee

Executive Order vs. Legislation



Statewide Interoperability Executive Committee

SB46



Statewide Interoperability Executive Committee Accomplishments

- Governance created
- Legislation created (SB46)
- Governor's Advisory Council on Emergency Preparedness and Security (ACEPS)
- SCIP Update October 2014
- Goal Tracker developed
- Working Group Timelines
- Interoperability Training at Police Recruit Level (PSTC)



Home

Why FirstNet

How It Gets Built

Progress

Documents

FAQ

Events

Contact Us



FirstNet[®]



New Hampshire's **FirstNet Program**

NH Related Links

- ❖ Helpful Link #1
- ❖ Helpful Link #2
- ❖ Very Helpful Link
- ❖ This is the fourth helpful link
- ❖ This is the fifth helpful link for everyone to use

Other Related Links

- ❖ File a complaint?
- ❖ Apply for a License, Registration?
- ❖ Apply for a Charter?
- ❖ Receive Notices of Public Meetings?
- ❖ Search Enforcement Orders?

Welcome

Official website of the New HampshireFirst Net Program

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News and Events

❖ The First News Event Will Go Here

June 29, 2015

This is a new event that has a link in it. [The link will go](#) the an external website with the information.

❖ The Second News Event Will Go Here

June 20, 2015

This is a new event that has a link in it. [The link will go](#) the an external website with the information.

❖ The Third News Event Will Go Here

June19, 2015

This is a new event that has a link in it. [The link will go](#) the an external



New Hampshire State Government

- **Governor/Council Form of Government**
- **3rd Largest Legislature in the English Speaking World**
- **400 Reps/24 Senators**
- **Governor is the Supreme Executive**
- **Afforded the title “Her Excellency”**



U.S. Congressional Delegation

- **Senator Jeanne Shaheen**
- **Senator Kelly Ayotte**
- **Representative Frank Guinta**
- **Representative Annie Kuster**



“Live Free or Die”

- **NH is the only State without a Seatbelt or M/C Helmet Law (18 or older)**
- **NH Driver does not need M/V Insurance, but must have proof of Financial Responsibility**
- **NH has no Bottle Bill**
- **NH has no Income Tax**
- **NH has no Sales Tax**
- **However, Rooms and Meals, and Property Taxes are HIGH**
- **NH retains the Death Penalty, last execution 1939**



Collaboration & Cooperation is NH Keys to Successful Mitigation

**No One Community, or Agency
Can Survive w/o Assistance in
Large Catastrophic Events**



NH Events That Require Multi-Discipline, Multi-Jurisdictional Responses

- *First in the Nation Primary
- *Hampton/Seacoast Festival
- *Hampton Beach
- *State Fair Season (11)
- *Verizon Center (Ent/Hockey)
- *7 Major Ski Areas
- *Snowmobile Jamboree
- *M/C Week
- *Dartmouth/UNH
- *ATV Jamboree
- *Highland Games
- *Fischer Cats
- *Meadowbrook
- *Snow-deo



New Hampshire FirstNet Challenges



Consider This Fact:

There are 2 Yearly NASCAR Events at the New Hampshire Motor Speedway.....

The New Hampshire population is just over a million residents. The Speedway on two weekends of the year have attendance in excess of 100,000 people

Loudon now represents 10% of the total population in New Hampshire



Cell Phone Service

**As you move West and North
in New Hampshire, Cell
Phone Service becomes less
reliable**



NTIA/FirstNet By Definition:

The Act Requires

**“substantial rural coverage milestones in each phase
of deployment”**



FirstNet

Defined their anticipated Build-out by;

“Where people live and people work”

Consideration must be given to;

“Where people Recreate”

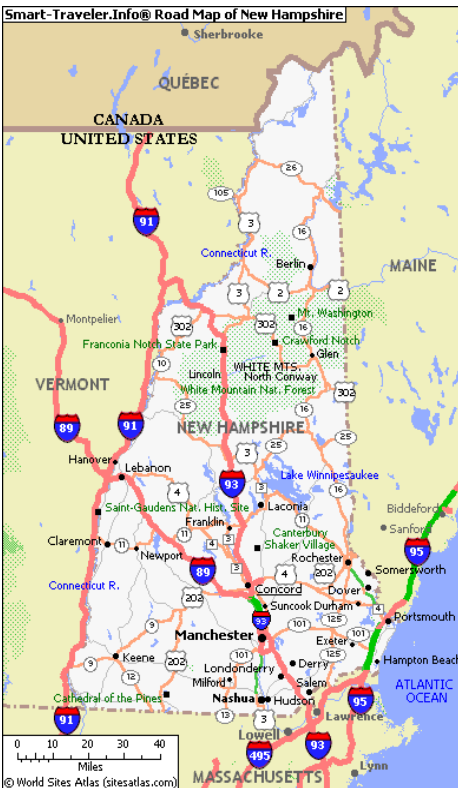


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Phased Deployment cannot just be in what is considered the Boston Market

Phased Deployment Requires a Statewide Footprint





FirstNet

Additional Challenge

“Industry Canada”
Licensing issues
For Agencies

Plymouth, NH North



NH's Statewide Critical Infrastructure Threat Assessment concluded:

“New Hampshire’s defense and maritime assets and its Nuclear Sector would be the most likely infrastructure targets of a terrorist attack.”

New Hampshire’s Hazard Mitigation Plan outlines a plethora of natural hazards that potentially can cause catastrophic results.



CIKR

- **Southern NH is a critical hub for Energy Production, Storage, and Transportation for the entire northeast Region**
- **Portsmouth/Newington is a deep water International Shipping Port designated as one of 13 Critical National Seaports by the TSA**
- **A major portion of Propane, Heating Oil, and Liquefied Natural Gas is shipped and stored for most of northern New England**



CIKR (continued)

- **The Portsmouth Naval Shipyard is a overhaul facility for the Navy's Nuclear Sub Fleet, where nuclear materials are stored**
- **The Seabrook Nuclear Power Facility**
- **Southwestern NH is bordered by the Vermont Yankee Nuclear Power Plant now in the process of being de-commissioned**
- **Major Transportation Routes – Interstate 95, Interstate 93, Interstate 89, and Interstate 91 along the NH border in VT**



“Interoperability” – a New Hampshire Necessity

- ***NH has 8 full-fledged Regional Hazmat Teams***
- ***NH has 16 Fire Mutual Aid Districts***
- ***Metropolitan Medical Response System (MMRS) is now a single State entity***
- ***NH participates in formal cross-border initiatives in Fire and EMS service with ME., MA., &VT.***
- ***Police response act accordingly, along w/Canada***
- ***NH’s integration of intelligence efforts***
- ***NH collaborates with the Boston Area of the FBI***



“Interoperability” – a New Hampshire Necessity

(continued)

- ***NH is formally engaged with several Canadian Provinces and four States in Cargo Security***
- ***NH participates with Immigration and Customs Enforcement (ICE) Border Patrol on border patrol security initiatives including Operation Stonegarden***
- ***NH has 12 LE Regional Special Operations Units***
- ***NH has 26 acute care Hospitals that formally collaborate on Training, Exercising, & Equipment***



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A Reality for New Hampshire



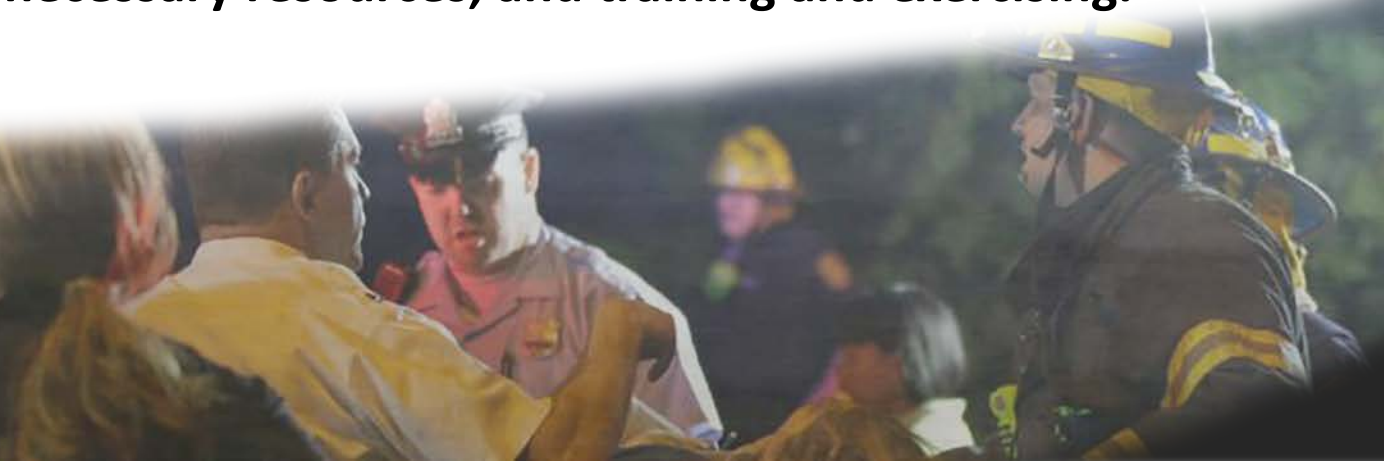
The Beginning

November 2003

2014 SIEC Governance is introduced:

Mission Statement

“Develop, implement and oversee common approaches, strategies, plans and procedures to achieve day-to-day communications interoperability between all stakeholders. This mission will be accomplished through best practices, common procedures, allocation of necessary resources, and training and exercising.”



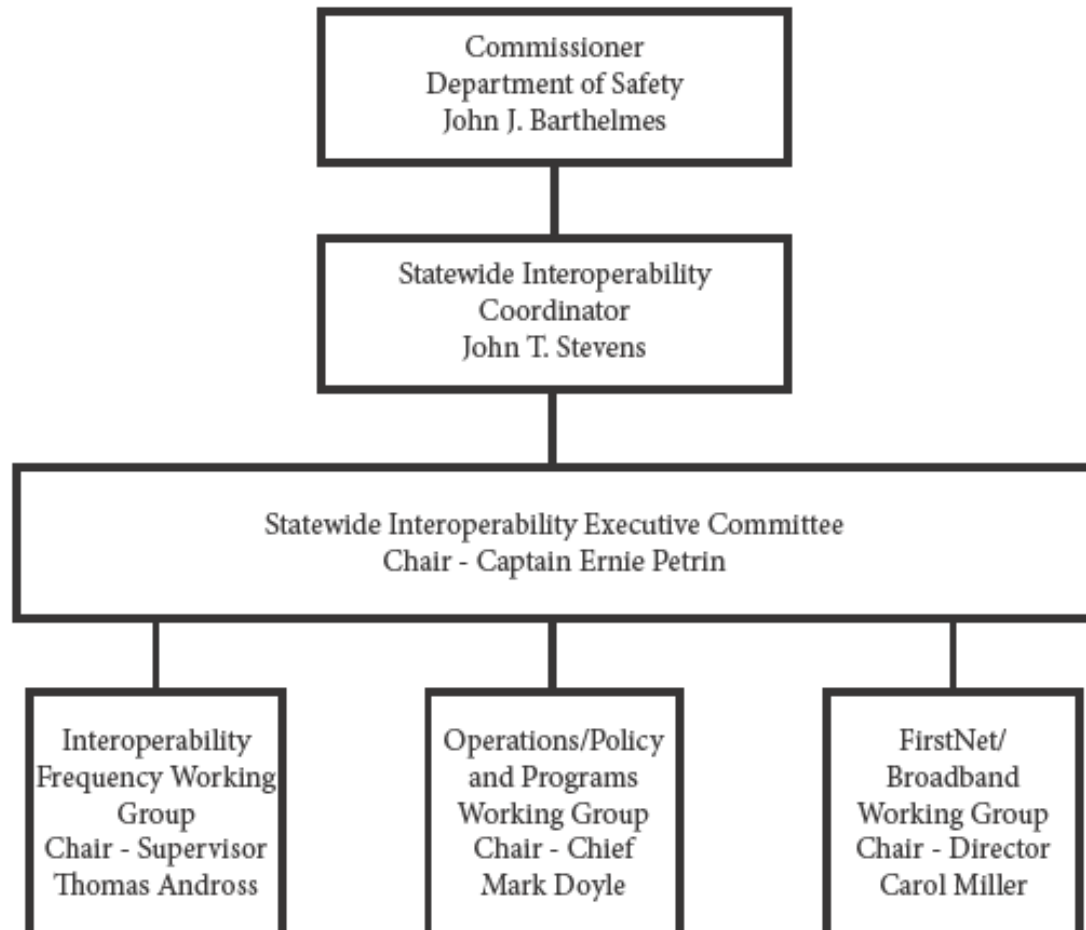
NTIA/SLIG

- September 24th, 2014 – First SIEC Meeting
- SCIP Update October 2014
- SIEC begins to meet quarterly 2015
- Legislation passed authorizing the SIEC June 2015
- SIEC falls under the Governor’s Advisory Council on Emergency Preparedness and Security – meets with Governor twice a year
- FirstNet On-site Consultation – June 9th, 2016
- New Hampshire moves into Phase II of the SLIGP Grant - Fall 2015





Statewide Interoperability Executive Committee Organizational Structure



NTIA/SLIGP

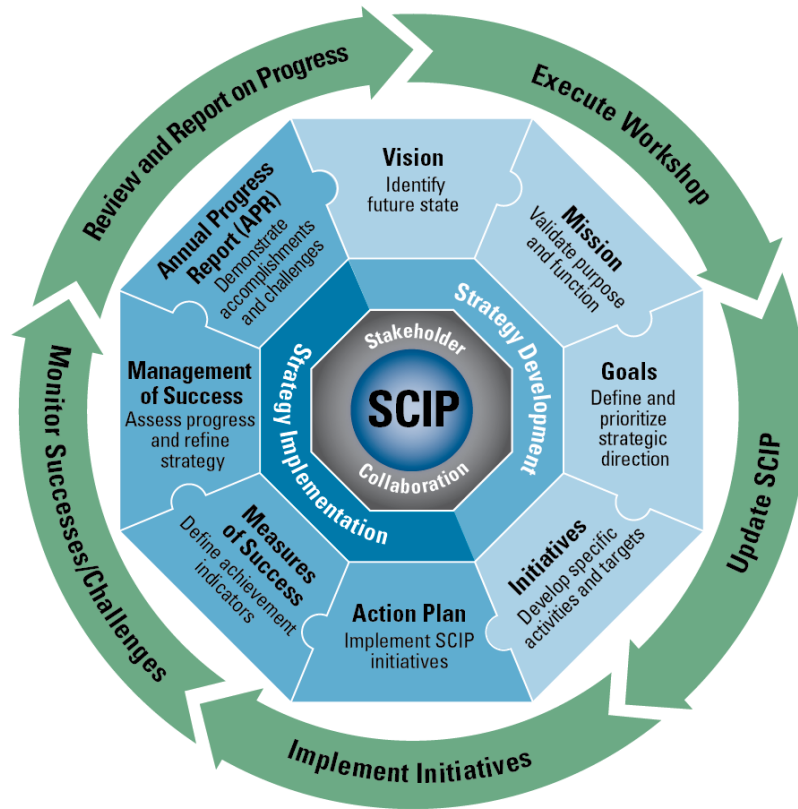
Governance	Individual Agencies Working Independently		Informal Coordination Between Agencies	Key Multi-Discipline Staff Collaboration on a Regular Basis	Regional Committee Working within a Statewide Communications Interoperability Plan Framework
Standard Operating Procedures	Individual Agency SOPs		Joint SOPs for Planned Events	Joint SOPs for Emergencies	Regional Set of Communications SOPs National Incident Management System Integrated SOPs
Technology	DATA ELEMENTS	Swap Files	Common Applications	Custom-Interfaced Applications	One-Way Standards-Based Sharing
	VOICE ELEMENTS	Swap Radios	Gateway	Shared Channels	Proprietary Shared System Standards-Based Shared System
Training & Exercises	General Orientation on Equipment and Applications		Single Agency Tabletop Exercises for Key Field and Support Staff	Multi-Agency Tabletop Exercises for Key Field and Support Staff	Multi-Agency Full Functional Exercises Involving All Staff Regular Comprehensive Regionwide Training and Exercises
Usage	Planned Events		Localized Emergency Incidents	Regional Incident Management	Daily Use Throughout Region

Limited Leadership, Planning, and Collaboration Among Areas with Minimal Investment in the Sustainability of Systems and Documentation

High Degree of Leadership, Planning, and Collaboration Among Areas with Commitment to and Investment in Sustainability of Systems and Documentation



NTIA/SLIGP



SCIP Goal Tracker – FirstNet/Broadband Working Group

3 Identify best practices for, and current users of, technology	3.1 Research and recommend best practices for technology solutions	September 2015	BFWG	SIEC
	3.2 Disseminate and encourage agencies to use the Mobile Data Survey Tool (MDST)	December, 2014	BFWG	SIEC
8 Prepare for and engage in consultation and outreach process for the Nationwide Public Safety Broadband Network (NPSBN)	8.2 Research and leverage best practices (e.g., NPSTC, FirstNet research) for broadband standards	June 2015, ongoing	BFWG	



Office of Interoperability

Accomplishments

Governance success

Established Law

ACEPS

Working Groups engaged

Training Curriculums

CommL Certification Program

Outreach

Mission Critical Partners /Data Collection/Survey



State Plans Consultation in 2016



J-18 Delivery Mechanism Objectives
J-19 State Plan Template

FirstNet
RFP
Release



State Plans
Prep

FirstNet
Contract
Award



Jan
2016

April
2016

As Scheduled

Nov
2016

Governance
Group
Meetings



SPOC Team
Interactions



Executive
Consultation



Governor's Decision: Timeline



Governors' State Plan Review

Begin RAN Deployment

Ongoing Implementation & Improvement

Nationwide Public Safety Broadband Network



Opt-Out



Governor Sends Opt-Out Notification

180 Days

State RFP & Alternative Plan Development



Unknown ?

State RAN Implementation begins

- ✓ FCC Review Period
- ✓ NTIA RAN Construction Funding Grant
- ✓ NTIA Spectrum Lease Application
- ✓ FirstNet Spectrum Lease Negotiation
- ✓ NEPA Environmental Compliance

