Southern California Association of Governments

Working together to bring broadband to Public Safety Entities

June 23, 2016

Agenda & Goals

- FirstNet Background
- FirstNet RFP Process & Timing
- California Update
- State Plans & the Governor's Decision
- Tribal Considerations
- Preparing for Adoption

Our History & Mandate

2004 **2011**

Middle Class Tax Relief ar

"The First Responder Netw
single public safety wi
necessary to ensure the
operation of the nationwi
net

increased assig
spectrum for
purpos

Association Supporting D-Block Reallocation

National Governors Association
National Association of Counties
National League of Cities
United States Conference of Mayors
Council of State Governments
International City/County Management Association
National Conference of State Legislatures
International Association of Chiefs of Police
International Association of Fire Chiefs
National Sheriffs' Association
Major Cities Chiefs Association
Metropolitan Fire Chiefs Association
Major County Sheriffs' Association
Association of Public-Safety Communication Officials
National Emergency Management Association
International Association of Emergency Managers
Police Executive Research Forum
National Criminal Justice Association
National Association of Police Organizations
National Volunteer Fiore Council
National Troopers' Coalition
National Organization of Black Law Enforcement Executives
Association of Air Medical Services
Advocated for Emergency Medical Services
Emergency Nurses Association
National Association of Emergency Medical Services Physicians
National Association of Emergency Medical Technicians
National Association of State Emergency Medical Service Officials
National Emergency Medical Services Management Association
American Probation and Parole Association
National Association of Regional Councils

FirstNet Beginnings

THE LAW
2.22.12
FirstNet becomes law
PL 112-96

FUNDING

$7B authorized to build the FirstNet network. Funded by spectrum auctions through 2022

GOVERNANCE

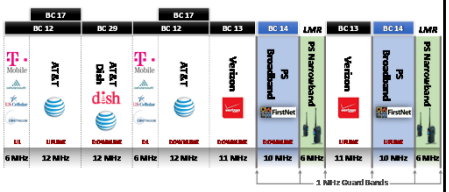
The FirstNet Board has **15** members, including those with telecommunications and public safety backgrounds

Each Governor appoints **1** Single Point of Contact (SPOC) and governing body to represent the state's interests to FirstNet

40 member Public Safety Advisory Committee (PSAC) advises FirstNet on public safety intergovernmental matters

BAND CLASS (BC) 14

20MHz of bandwidth has been dedicated to public safety in the prime upper **700MHz** frequency range



Funding FirstNet

- **FirstNet Funding Sources**
  - $7 billion in congressional approps
  - User fees (Subscribers, core)
  - Excess spectrum capacity
- **Fees = Costs**
- **All FirstNet fees are reinvested to benefit the nationwide public safety broadband network**

December 15, 2014 5

RFP Statement of Objectives

- Building, Deployment, Operation & Maintenance of the NPSBN
- Financial Sustainability
- First Responder User Adoption
- Device Ecosystem
- Applications Ecosystem
- Accelerated Speed to Market
- User Service Availability
- Service Capacity
- Cyber Security
- Priority Services
- Integration Of Opt-out State RANs
- Integration of Existing Commercial/ Federal/ Tribal/State/ Local Infrastructure To Support NPSBN Services
- Life-cycle Innovation
- Program and Business Management
- Customer Care and Marketing
- Facilitation of FirstNet's Compliance With The Act & Other Laws

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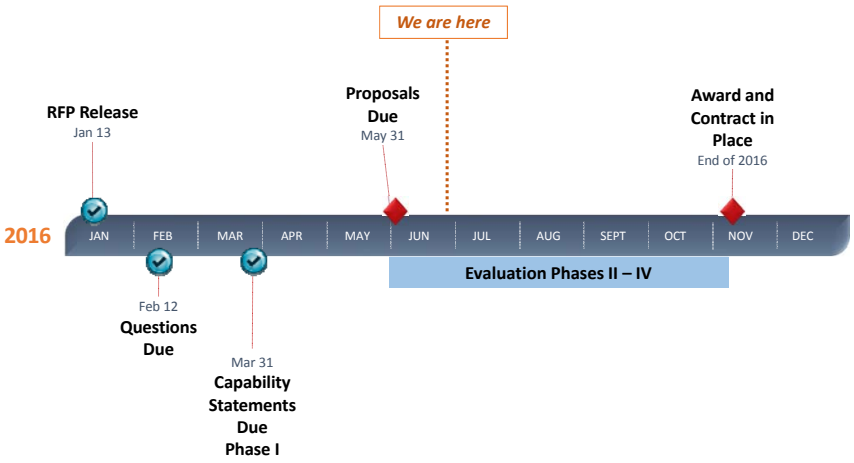
Evaluation Phase Has Kicked Off



Southern California Association of Governments

FirstNet in California

William D. Anderson
Acting Assistant Director – Public Safety Communications
June 23, 2016

State Point of Contact

- Works directly with FirstNet, represents California during FirstNet activities
- Outreach and data gathering regarding California's public safety requirements
- Chair California First Responder Network Board of Director meetings
- Compliance with State and Local Implementation Grant Program (SLIGP)

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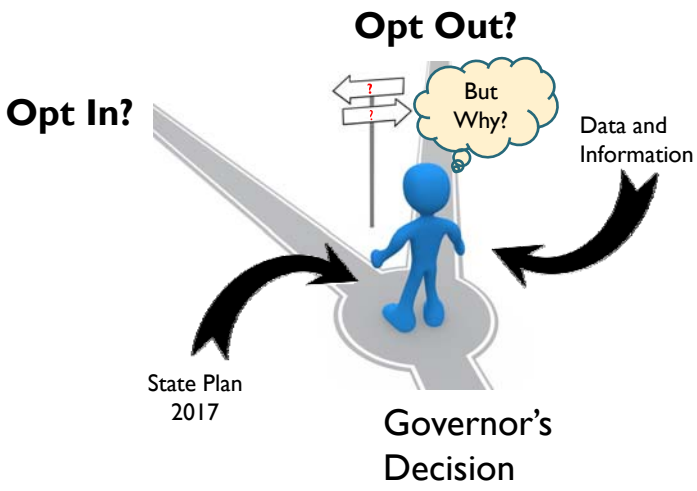
So what is the Goal?



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California Outreach Activities

Event Name	Event Date	Event Location: City
FirstNet Governance Body Meeting	4/27/2016	Sacramento
CalFRN Board Meeting	1/27/2016	Sacramento
FirstNet SPOC Kick Off Meeting	1/27/2016	Sacramento
State Agency Partners Town Hall (Agency Information Officiers)	12/8/2015	Elk Grove
California Police Chiefs Association Board of Directors Meeting	12/4/2015	Walnut Creek
Alameda Co Sheriffs Office Briefing	12/3/2015	San Francisco
Briefing of Bay Area Law Enforcement Officials	12/3/2015	San Leandro
CalFRN Board Meeting	12/2/2015	Sacramento
California SPOC Environmental Team Meeting	11/19/2015	Sacramento
California Broadband Workshop	11/17/2015	Mountain View
California State Consultation	7/28-30/2015	Sacramento
California USDA Rural Development Grant Managers Conference	4/28/2015	Webinar
California Town Hall (March)	3/2/2015	San Jose
California Town Hall	1/28/2015	Humboldt
Central Coast Interoperablitiy Summit	11/21/2014	Santa Maria
California 9-1-1 Town Hall	11/20/2014	Sacramento
Partnerships with Federal, State and Local Entities Town Hall	9/30/2014	Santa Ana
California Town Hall	9/24/2014	Fairfield
California Town Hall	8/13/2014	Bakersfield
California Town Hall Meeting	7/16/2014	Lake Port
Association of California Cities - Orange	5/29/2014	Costa Mesa
California Foundation for the Econmy and the Environment	2/28/2014	Napa

Next Steps	Upcoming Events	Event Location: City
Consultation Task Teams (CTT's)		
Executives Consultation Meeting		
State Plan		

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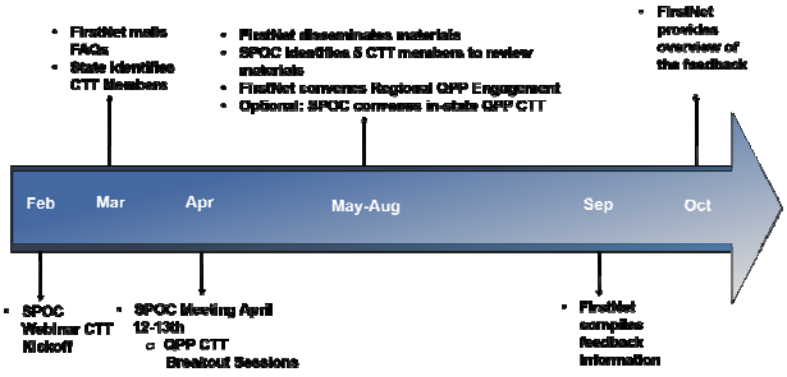
Consultation Task Teams

QPP: Quality of Service, Priority and Preemption



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Going Forward

- Ongoing data collection activities as required (CTT's, direct outreach, face to face) 2016 forward.
- Preparation and review of State Plan (2017)
- Present Governor with Opt In/Opt Out analysis (2017)

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FirstNet Challenge in California

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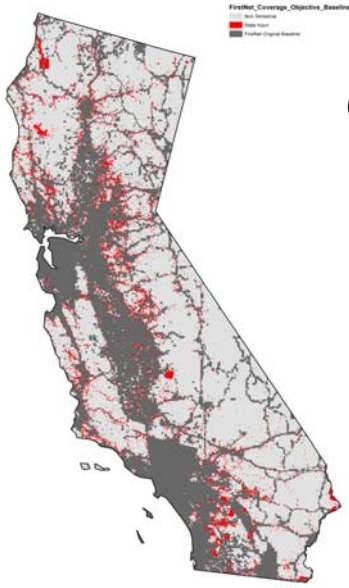
Covering California



California Challenges

- Unknown costs
- Cyber Security
- Infrastructure availability
- Interoperability
- NextGen 9-1-1 Integration
- Rural and Tribal Coverage

** ***Enhanced Public Safety Service*** **

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Questions ?

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FirstNet State Plan

Development & Delivery Process

"SEC. 6302. STATE AND LOCAL IMPLEMENTATION.

(e) STATE NETWORK.—

(1) NOTICE.—Upon the completion of the request for proposal process conducted by the First Responder Network Authority for the construction, operation, maintenance, and improvement of the nationwide public safety broadband network, the First Responder Network Authority shall provide to the Governor of each State, or his designee—

(A) notice of the completion of the request for proposal process;

(B) details of the proposed plan for buildout of the nationwide, interoperable broadband network in such State; and

(C) the funding level for the State as determined by the NTIA."

Responsibilities and Decisions

FirstNet

	Decision	Responsibility
BAND-14 CORE	N/A	✓ FirstNet ❑ QPP ❑ Customer Care ❑ Applications
RAN DEPLOYMENT	Governor Decides: ❑ FirstNet Plan, or ❑ Opt-Out	❑ FirstNet, or ❑ Governor
WIRELESS SERVICES, PRODUCTS & APPLICATIONS	Public Safety Entities Decide: ❑ Adopt, or ❑ Don't Adopt	Public Safety Entities ✓ Enterprise Users ✓ Individual Users

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State Plan Portal Analogy

FirstNet State Plan Content

Public Safety Entities

COVERAGE
Band 14 coverage, possible non-Band 14 coverage, and deployable options

APPLICATIONS AND FEATURES
Public Safety-facing applications, Quality of Service, Priority and Pre-emption (QPP), ICAM and Mission Critical services

SERVICES
Plans, pricing, procurement options, security, and customer support

DEVICES AND ACCESSORIES
Band 14 device portfolio, accessories, and wearables

Governor

POLICY COMPLIANCE
FirstNet policies on coverage, security, performance and other matters must be planned for and adhered to in Opt-Out scenarios.

TIMEFRAME/COST
Opt-Out proposals must be comparable in terms of deployment timeframe and cost. Cost comparison metrics will be included.

INTEROPERABILITY
Alternative RAN proposals must have and maintain interoperability with the FirstNet core throughout the terms of agreement. Network policies and equipment specifications will be included.

The Governor's Decision

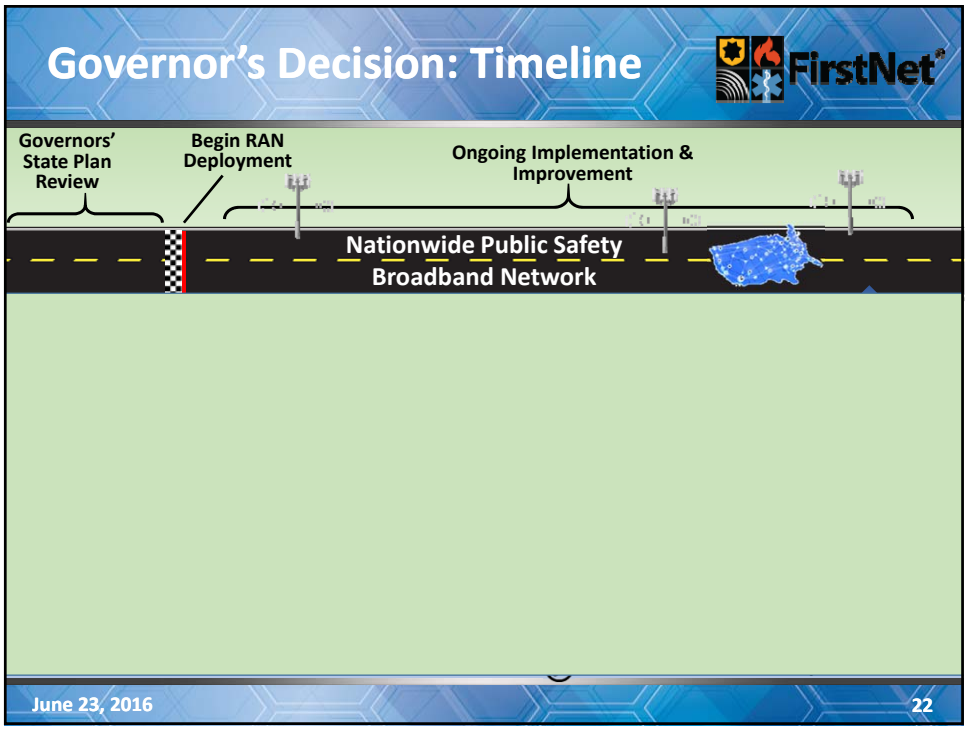
"SEC. 6302. STATE AND LOCAL IMPLEMENTATION.

(e) STATE NETWORK.—

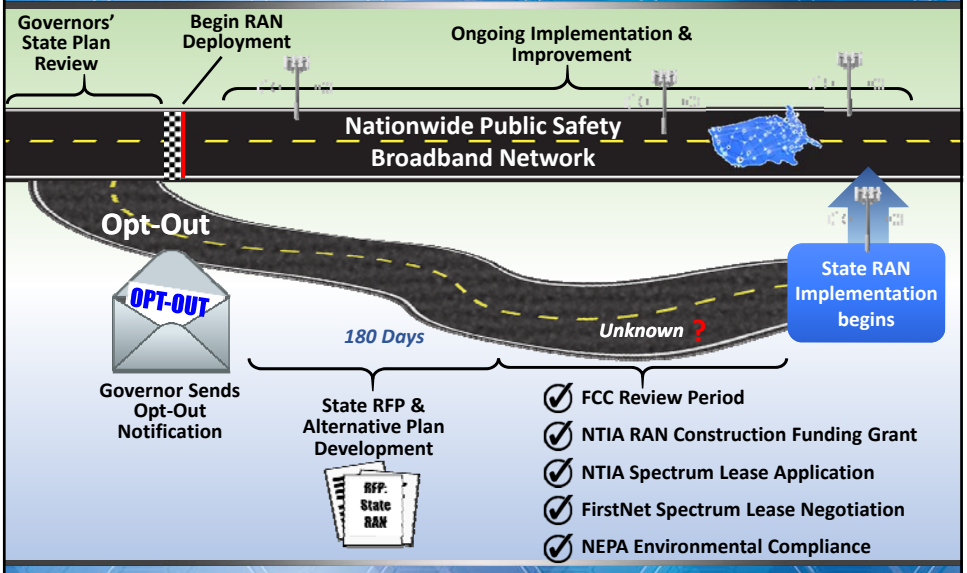
(2) STATE DECISION.—Not later than 90 days after the date on which the Governor of a State receives [a State Plan], the Governor shall choose whether to—

(A) participate in the deployment of the nationwide, interoperable broadband network as proposed by the First Responder Network Authority; or

(B) conduct its own deployment of a radio access network in such State."



Governor's Decision: Timeline



Tribal Considerations

- CTT's
  - Inclusion of tribal partners
- State Plan Review and Inclusion
  - Dialog and consideration of tribal facilities, enterprises, public safety assets
  - Tribal participation
- State Opt Out Impact to Tribes
  - Consideration for tribal buildout requirements
  - How has the state identified paying for RAN buildout and maintenance on tribal lands
- Governors Considerations
  - Impact to services on and around tribal communities

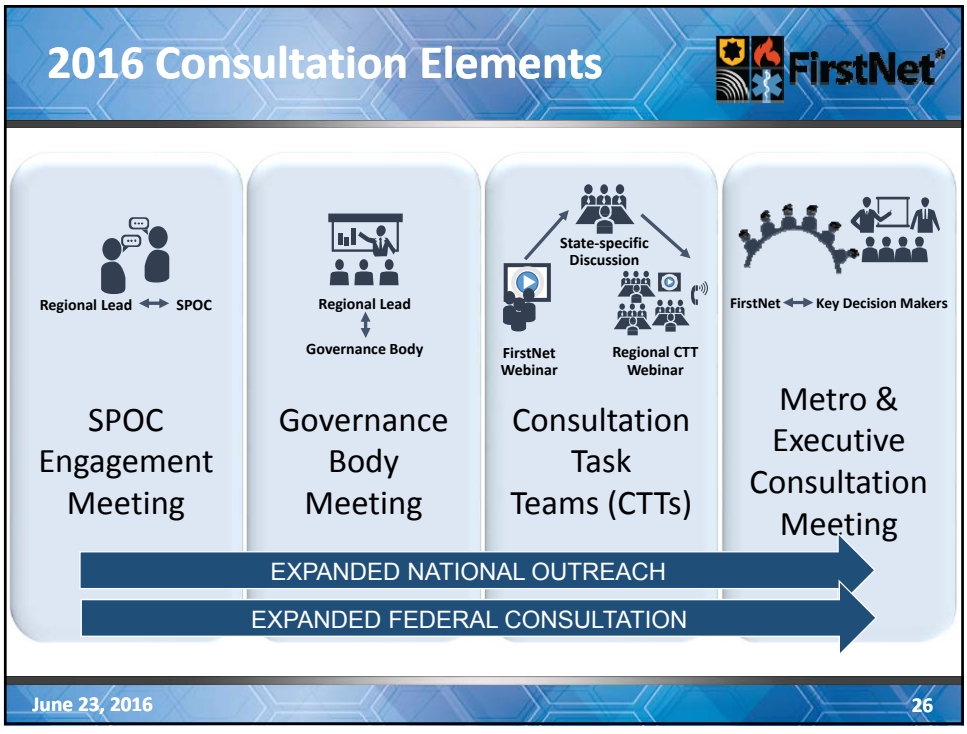
Preparing for Adoption
Consultation Task Teams

"SEC. 6206. POWERS, DUTIES, AND RESPONSIBILITIES OF THE FIRST RESPONDER NETWORK AUTHORITY.

(2) STATE AND LOCAL PLANNING.—

(A) REQUIRED CONSULTATION.—In developing requests for proposals and otherwise carrying out its responsibilities under this Act, the First Responder Network Authority shall consult with regional, State, tribal, and local jurisdictions…with regard to the—

i. construction of core network & any radio access network build out;
ii. placement of towers;
iii. coverage areas of the network, whether at the regional, State, tribal, or local level;
iv. adequacy of hardening, security, reliability, & resiliency requirements;
v. assignment of priority to local users;
vi. selection of entities seeking access to or use of the nationwide public safety interoperable broadband network
vii. training needs of local users."



State Plans Consultation in 2016

FirstNet

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

FirstNet RFP Release

RFP

State Plans Prep

FirstNet Contract Award

Jan 2016 | April 2016 | As Scheduled | Nov 2016

Governance Group Meetings

SPOC Team Interactions

Metro/ Executive Consultation

State Plans Development and Delivery

FirstNet

FirstNet Contract Award

Develop State Plans & Prepare for Delivery

Feedback Received

Final Prep for Delivery to Governor

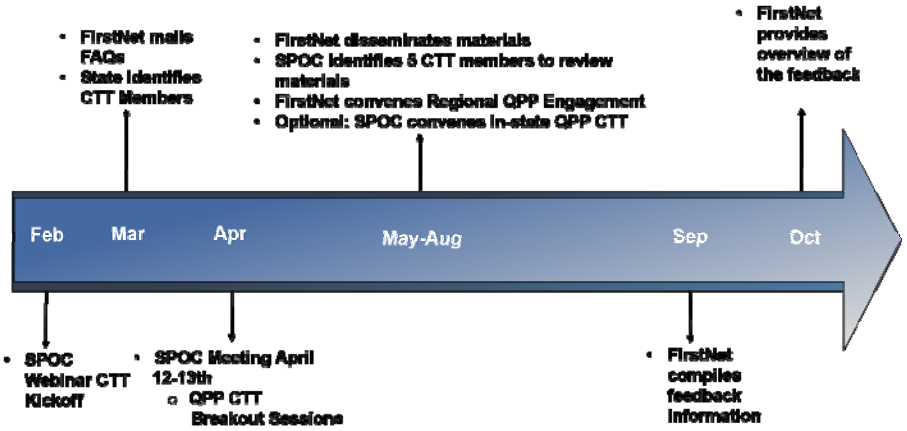
State Plan Delivery to Governor *(90 Day Review)*

Nov 2016 | Set during contract negotiation | Fixed timeframe | ASAP

Release of Draft State Plans

State Plan Draft Review

The First CTT: Quality of Service, Priority, and Preemption (QPP)



Local User Training Input

Statutory Requirement – "SEC. 6206. (c) (2) (A) (vii) training needs of local users"

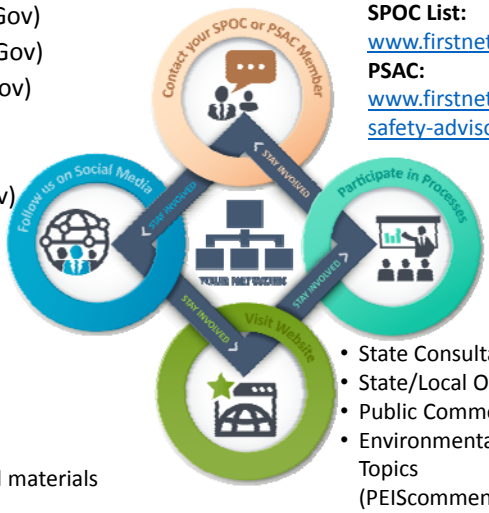
- ✓ Is there standardized training programs (beyond the agency level) on the use of mobile data?
  - ✓ State Training Academy?
- ✓ How would new mobile data applications/device training be integrated into your programs?
- ✓ Is training limited to initial use or is refresher training required/provided?
- ✓ Is evaluation of mobile data applications included in regular exercises?

CTT Next Steps

- CTTs will help inform our policies and plans as we move into adoption of FirstNet services
- Your opinions on the value proposition of QPP and how to best incorporate that value into our services is of critical importance to us
- Please share points of contact for who we should be following up with regarding delivering training and training needs

Staying in Touch with FirstNet

- Twitter (@FirstNetGov)
- Google+ (+FirstNetGov)
- YouTube (FirstNetGov)
- Flickr (FirstNetGov)
- LinkedIn
- Tumblr (FirstNetGov)

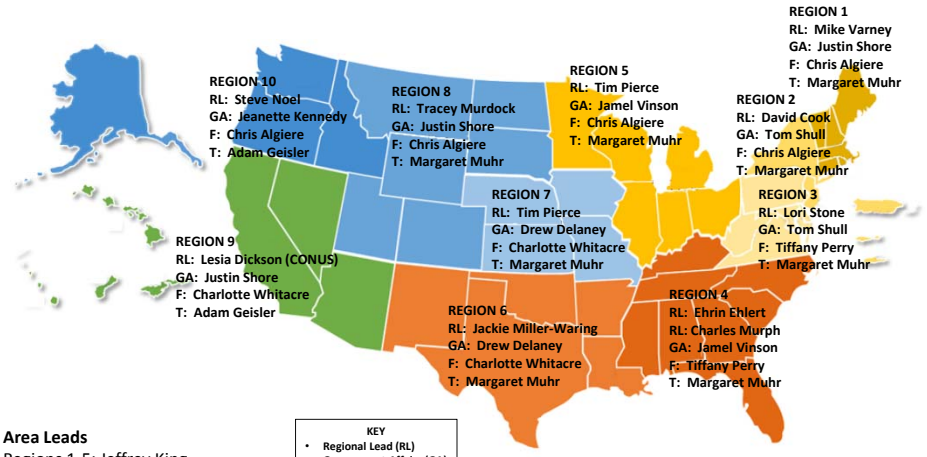


SPOC List:
www.firstnet.gov/consultation
PSAC:
www.firstnet.gov/about/public-safety-advisory-committee

www.firstnet.gov
- Fact Sheets
- Blogs
- Presentations
- Current Events
- Board meetings and materials

- State Consultation
- State/Local Outreach Activities
- Public Comment
- Environmental & Historic/Cultural Topics (PEIScomments@firstnet.gov)

FirstNet Support Team



Area Leads
Regions 1-5: Jeffrey King
Regions 6-10: Steve Smith

KEY
- Regional Lead (RL)
- Government Affairs (GA)
- Federal (F)
- Tribal (T)

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Questions?