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

Middle Class Tax Relief Act

"The First Responder Network is necessary to ensure the operation of the nationwide public safety wireless network."

2011

Association Supporting D-Block Reallocation

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

February 20, 2015
**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

$7B

Excess Capacity Revenue

### 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

### June 23, 2016
Evaluation Phase Has Kicked Off

We are here

2016

RFP Release Jan 13

Proposals Due May 31

Questions Due Feb 12

Mar 31 Capability
Statements Due Phase I

End of 2016

Award and Contract in Place

June 23, 2016

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)

So what is the Goal?

Opt In?  Opt Out?

Data and Information
But Why?
Governor's Decision
State Plan 2017
# California Outreach Activities

<table>
<thead>
<tr>
<th>Event Name</th>
<th>Event Date</th>
<th>Event Location: City</th>
</tr>
</thead>
<tbody>
<tr>
<td>FirstNet Governance Body Meeting</td>
<td>4/27/2016</td>
<td>Sacramento</td>
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<tr>
<td>CalFRN Board Meeting</td>
<td>1/27/2016</td>
<td>Sacramento</td>
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<tr>
<td>FirstNet SPOC Kick-Off Meeting</td>
<td>1/27/2016</td>
<td>Sacramento</td>
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<tr>
<td>State Agency Partners Town Hall (Agency Information Officers)</td>
<td>1/29/2015</td>
<td>Elk Grove</td>
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<tr>
<td>California Police Qualification Association Board of Directors Meeting</td>
<td>10/24/2015</td>
<td>Walnut Creek</td>
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<td>Administrative Council Office Briefing</td>
<td>12/3/2015</td>
<td>San Francisco</td>
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<tr>
<td>Briefing of Bay Area Law Enforcement Officials</td>
<td>12/2/2015</td>
<td>San Leandro</td>
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<tr>
<td>CalFRN Board Meeting</td>
<td>12/2/2015</td>
<td>Sacramento</td>
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<tr>
<td>California SPOC Environmental Task Meeting</td>
<td>11/19/2015</td>
<td>Sacramento</td>
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<tr>
<td>California Broadband Workshop</td>
<td>11/13/2015</td>
<td>Mountain View</td>
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<tr>
<td>California State Consultation</td>
<td>10/28-30/2015</td>
<td>Sacramento</td>
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<tr>
<td>California USDA Rural Development Grant Managers Conference</td>
<td>3/8/2015</td>
<td>Webinar</td>
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<tr>
<td>California Town Hall (Multi)</td>
<td>3/2/2015</td>
<td>San Jose</td>
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<td>California Town Hall</td>
<td>1/30/2015</td>
<td>Humboldt</td>
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<td>Central Coast Translatability Summit</td>
<td>1/13/2014</td>
<td>Santa Maria</td>
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<tr>
<td>California Police - I Town Hall</td>
<td>11/13/2014</td>
<td>Sacramento</td>
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<tr>
<td>Relationships with Federal, State and Local Police Town Hall</td>
<td>9/30/2014</td>
<td>Santa Ana</td>
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<tr>
<td>California Town Hall</td>
<td>9/34/2014</td>
<td>Fairfield</td>
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<td>California Town Hall Meeting</td>
<td>8/12/2014</td>
<td>Bakersfield</td>
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<td>California Town Hall Meeting</td>
<td>7/16/2014</td>
<td>Lake Port</td>
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<tr>
<td>Association of California Cities - Orange</td>
<td>5/29/2014</td>
<td>Costa Mesa</td>
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<tr>
<td>California Foundation for the Environment and the Environment</td>
<td>2/28/2014</td>
<td>Los Angeles</td>
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# Consultation Task Teams

QPP: Quality of Service, Priority and Preemption

- FirstNet multi-FACs
- State identifies CTT Members
- FinalNet disseminates materials
- SPOC identifies 8 CTT members to review materials
- FinalNet convenes Regional QPP Engagement
- Optional, SPOC convenes in-state QPP CTT

- FinalNet provides overview of the feedback

- SPOC Webinar CTT Kickoff
- SPOC Meeting April 12th
- QPP CTT Breakout Sessions

- FinalNet summary feedback information

### Next Steps

<table>
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<th>Consultation Task Teams (CTT’s)</th>
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<td>Executive Consultation Meeting</td>
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<td>State Plan</td>
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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)

FirstNet Challenge in California

FirstNet in California - By the Numbers

VISION

To provide emergency responders with the first nationwide, high-speed, wireless broadband network dedicated to public safety.

THE LAW

2.22.12

GOVERNANCE

116 agencies

50 Public Safety Officers

WHO WILL USE FIRSTNET?

Public Safety Officers at over 116 agencies

FIRSTNET NETWORK

Governor’s Office of Emergency Services

FUNDING

$7B

THE CALIFORNIA COVERAGE CHALLENGE

100% of the state’s budgetary counties must provide the minimum service level

HOW MUCH WILL IT COST?

FIRSTNET NETWORK

$7B

THE ROAD TO FIRSTNET

2014+

Network planning, network engineering, and initial testing

2016+

Network nationwide deployment of the primary system

2022

Network substantially implemented

For more FirstNet facts visit www.firstnet.gov
Covering California

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

**Enhanced Public Safety Service**

Questions?
FirstNet State Plan
Development & Delivery Process

“SEC. 6302. STATE AND LOCAL IMPLEMENTATION.
(a) 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
I would like to rent a room.

Do I want to build and operate the franchise in my State?

**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 (QPS), GM and Mission Critical services

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

- **DEVICES AND ACCESSORIES**
  - Band 14 device portfolio, accessories, and amenable

**Governor**

- **POLICY COMPLIANCE**
  - Network services on coverage, identity, performance and other matters must be provided for use in accordance with applicable

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

- **INTEROPERABILITY**
  - Alternative 700 MHz spectrum must have end-to-end interoperability with the FirstNet suite. This includes the solutions and equipment specified in the FirstNet RFP Specification.
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

<table>
<thead>
<tr>
<th>Governors’ State Plan Review</th>
<th>Begin RAN Deployment</th>
<th>Ongoing Implementation &amp; Improvement</th>
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Nationwide Public Safety Broadband Network
Governor’s Decision: Timeline

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<tr>
<td></td>
<td></td>
<td>- FFC Review Period</td>
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<tr>
<td></td>
<td></td>
<td>- NTIA RAN Construction Funding Grant</td>
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<tr>
<td></td>
<td></td>
<td>- NTIA Spectrum Lease Application</td>
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<td></td>
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<td>- FirstNet Spectrum Lease Negotiation</td>
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<td>- NEPA Environmental Compliance</td>
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</tbody>
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State RFP & Alternative Plan Development

- 180 Days
- Opt-Out Notification
- 180 Days
- Unknown

Nationwide Public Safety Broadband Network

State RAN Implementation begins

June 23, 2016

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

June 6, 2016
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.”

2016 Consultation Elements

- Regional Lead ↔ SPOC
- Governance Body Meeting
- Consultation Task Teams (CTTs)
- Metro & Executive Consultation Meeting
- FirstNet Webinar
- State-specific Discussion
- Regional CTT Webinar
- SPOC Engagement Meeting
- Governance Body Meeting

EXPANDED NATIONAL OUTREACH
EXPANDED FEDERAL CONSULTATION

June 23, 2016
State Plans Consultation in 2016

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

FirstNet Contract Award

FirstNet RFP Release

Jan 2016 | April 2016 | As Scheduled | Nov 2016
---|---|---|---
Governance Group Meetings
SPOC Team Interactions
Metro/Executive Consultation

State Plans Prep

June 23, 2016

State Plans Development and Delivery

FirstNet Contract Award

FirstNet RFP Release

Nov 2016 | Set during contract negotiation | Fixed timeframe | ASAP
---|---|---|---
Feedback Received

Final Prep for Delivery to Governor

Release of Draft State Plans

State Plan Draft Review

State Plan Delivery to Governor (90 Day Review)

June 23, 2016
**The First CTT: Quality of Service, Priority, and Preemption (QPP)**

- FirstNet main FAQs
- State identifies CTT members
- FirstNet disseminates materials
- SPOC identifies 8 CTT members to review materials
- FirstNet convenes Regional QPP Engagement
- Optional: SPOC convenes in-state QPP CTT
- FirstNet provides overview of the feedback

**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?
  - Yes, 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)
Area Leads
Regions 1-5: Jeffrey King
Regions 6-10: Steve Smith

Questions?