Nevada Governance Body Meeting

Working together to bring broadband to Public Safety Entities

June 6, 2016
Carson City, Nevada
# Agenda & Goals

<table>
<thead>
<tr>
<th>Topic</th>
<th>Goal</th>
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<tr>
<td>FirstNet Overview</td>
<td>FirstNet will listen and learn</td>
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<tr>
<td>Nevada Consultation to Date</td>
<td>Recap and consider continued data collection (optional)</td>
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<tr>
<td>FirstNet State Plan</td>
<td>Identify potential issues and set expectations for Nevada review process</td>
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<tr>
<td>The Governor’s Decision</td>
<td>Discuss process, timeline, and risks</td>
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<td>Nevada Tribal Considerations</td>
<td>Consideration of tribal public safety assets, buildout requirements, impact to communities</td>
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<tr>
<td>Preparing for Adoption</td>
<td>Overview of Consultation Task Teams</td>
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<td>Questions</td>
<td>Answer questions and begin preparing for Executive Consultation</td>
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By the End of the Meeting, We Will Ask You to...

- Carefully consider the responsibilities, risks and timelines associated with the Governor’s decision

- Consider and establish a clear decision-making process to meet 90 day review period

- Consider how to educate individuals/bodies who will inform the Governor
  - Formal Executive Consultation – Fall 2016
  - Ad Hoc executive briefings (as requested)
“Following numerous major events and other significant disasters that demonstrate communications failures, we know that a new model is necessary.... Required is a national architecture for public-safety wireless communications.”

Chief Jeff Johnson - Congressional Testimony, May 2011

- Network demanded by public safety for priority and interoperability
- Made possible by the successful fight for D-Block 700 MHz spectrum
- FirstNet created by Law to develop and implement a single nationwide public safety broadband network
- Network will be public/private partnership to limit agency risk, speed deployment and meet public safety unique needs
"FirstNet must provide a service that is compelling to public safety in order to earn your business."

*FirstNet Chairwoman Sue Swenson*
An Urgent Need

“While we still have much work to do, FirstNet has set the stage by moving forward with urgency. We are now one deployment cycle away from having a nationwide public safety broadband network.”

FirstNet President TJ Kennedy

Key Accomplishments

- Released Strategic Program Roadmap
- Completed 55 Initial Consultations
- Participated in more than 340 stakeholder events in calendar year 2015
- Released RFP; answered more than 400 questions

Key Upcoming Milestones

- Conduct focused consultation with expanded outreach
- Award RFP for network partnership
- Architect State Plans process and elements

June 6, 2016
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 6, 2016
Evaluation Phase Has Kicked Off

- **RFP Release**: Jan 13
- **Questions Due**: Feb 12
- **Mar 31**: Capability Statements Due Phase I
- **Proposals Due**: May 31
- **Award and Contract in Place**: End of 2016

**Timeline**:
- **JAN**
  - RFP Release
  - Questions Due
- **FEB**
  - Proposals Due
- **MAR**
  - Mar 31: Capability Statements Due Phase I
- **APR**
- **MAY**
  - Proposals Due
- **JUN**
- **JUL**
- **AUG**
- **SEPT**
- **OCT**
- **NOV**
- **DEC**

**Important Dates**:
- **Feb 12**: Questions Due
- **Mar 31**: Capability Statements Due Phase I
- **May 31**: Proposals Due
- **Jan 13**: RFP Release
- **End of 2016**: Award and Contract in Place
Recap of Nevada Consultation to Date
1. Nevada Initial Consultation Meeting
   • January 7, 2014, in Carson City, Nevada
   • 60 attendees

2. Additional Nevada Specific Meetings/Communications
   • Data Collection Call (November 2015)
   • SPOC Kickoff Meeting (January 2016)
Nevada Submission Summary

**Agency Surveys**
- 49
- 1.21 MB Submitted
- 11,600+ Nationwide

**State Public Safety Personnel Represented**
- 27,500+
- 15.1 GB Nationwide
- 1.6 Million Nationwide

June 6, 2016
How Was State Data Used in the RFP?

**Coverage Objectives**

- Nationwide Objective

**User Survey Data**

- User, device and tonnage estimates informed capacity evaluation and total addressable market

**Submission Files**

- RFP Reading Room

June 6, 2016
**Pre-Acquisition Data Collection**
(Due September 30, 2015)
- Strongly Encouraged by FirstNet
- Informed RFP *(Aggregated Nationwide and Full Submission in Reading Room)*
- Considered in evaluation of bidders
- Helps State better understand its needs and environment

**Ongoing Data Collection (Optional)**
(Due September 30, 2016)
- Optional / State Decision
- Further Inform State Plan *(If received by September 30, 2016)*
- Considered for product and enhancement decisions
- Helps State better understand its needs and environment
“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.”
State Plan Influencers

- What the Law requires...
- What the States are looking for...
- What the RFP will produce...
- What the FCC & NTIA need...
FirstNet State Plan Concept

One Portal / Two Purposes

State of Nevada

Public Safety Entities

Governor

Click Here

Click Here
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.
State Plan Portal Analogy

I would like to rent a room.

Do I want to build and operate the franchise in my State?
State Plans Consultation in 2016

**J-18 Delivery Mechanism Objectives**

**J-19 State Plan Template**

FirstNet RFP Release

Governance Group Meetings

SPOC Team Interactions

Executive Consultation

FirstNet Contract Award

State Plans Prep

Jan 2016

April 2016

As Scheduled

Nov 2016
FirstNet Contract Award

- Develop State Plans & Prepare for Delivery
- Release of Draft State Plans
- State Plan Draft Review
- Final Prep for Delivery to Governor

Feedback Received

- Fixed timeframe
- ASAP

Set during contract negotiation

State Plan Delivery to Governor
(90 Day Review)

State Plans Development and Delivery

Nov 2016

Feedback Received

- EXCELLENT
- GOOD
- AVERAGE
- POOR

Release of Draft State Plans

State Plan Draft Review

Final Prep for Delivery to Governor

FirstNet

State Plan

FirstNet

State Plan

FirstNet

State Plan

FirstNet

State Plan

FirstNet

State Plan
“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.”
## Responsibilities and Decisions

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<tr>
<th>BAND-14 CORE</th>
<th>Decision</th>
<th>Responsibility</th>
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<tbody>
<tr>
<td>N/A</td>
<td>FirstNet</td>
<td>- QPP</td>
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<tr>
<td></td>
<td></td>
<td>- Customer Care</td>
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<td>- Applications</td>
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<table>
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<tr>
<th>RAN DEPLOYMENT</th>
<th>Decision</th>
<th>Responsibility</th>
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<tr>
<td>Governor Decides:</td>
<td>FirstNet Plan, or Opt-Out</td>
<td>FirstNet, or Governor</td>
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<table>
<thead>
<tr>
<th>WIRELESS SERVICES, PRODUCTS &amp; APPLICATIONS</th>
<th>Decision</th>
<th>Public Safety Entities Decide:</th>
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<tr>
<td></td>
<td></td>
<td>- Adopt, or Don’t Adopt</td>
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Public Safety Entities Decide: Adopt, or Don’t Adopt

Public Safety Entities Decide: Enterprise Users, Individual Users
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
  - FCC Review Period
  - NTIA RAN Construction Funding Grant
  - NTIA Spectrum Lease Application
  - FirstNet Spectrum Lease Negotiation
  - NEPA Environmental Compliance

- **State RFP & Alternative Plan Development**

- **State RAN Implementation begins**

June 6, 2016
## Governor Considerations

<table>
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<tr>
<th>Issue</th>
<th>Governor Consideration</th>
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<tr>
<td>1. Timeline Risks</td>
<td>What are the implications of a delay for public safety in the state?</td>
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<tr>
<td>2. RAN Deployment</td>
<td>Short and long-term (25 years) budget outlook? Legislative approval?</td>
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<td>3. Ongoing RAN Cost</td>
<td>Will expected state user fees offset the planned and unplanned RAN costs?</td>
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<td>4. Technical</td>
<td>What is the state’s current technical capacity to handle all network interoperability risks?</td>
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<tr>
<td>5. Operational Risks</td>
<td>Can the state oversee an LTE network deployment?</td>
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Next Steps

• Carefully consider the responsibilities, risks and timelines associated with the Governor’s decision

• Consider and establish a clear decision-making process to meet 90 day review period

• Consider how to educate individuals/bodies who will inform the Governor
  • Formal Executive Consultation – Fall 2016
  • Ad Hoc executive briefings (as requested)
Nevada 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.”
2016 Consultation Elements

- SPOC Engagement Meeting
- Governance Body Meeting
- Consultation Task Teams (CTTs)
- Executive Consultation Meeting

EXPANDED NATIONAL OUTREACH
EXPANDED FEDERAL CONSULTATION
The First CTT: Quality of Service, Priority, and Preemption (QPP)

- FirstNet mails FAQs
- State Identifies CTT Members

- FirstNet disseminates materials
- SPOC identifies 5 CTT members to review materials
- FirstNet convenes Regional QPP Engagement
- Optional: SPOC convenes in-state QPP CTT

- FirstNet provides overview of the feedback

Feb | Mar | Apr | May-Aug | Sep | Oct
--- | --- | --- | --- | --- | ---
- SPOC Webinar CTT Kickoff
- SPOC Meeting April 12-13th
  - QPP CTT Breakout Sessions
- FirstNet compiles feedback information
Local User Training Input

Are 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?

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

June 6, 2016
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)
Questions?