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# FirstNet Combined Committee Meetings

December 13, 2016



# Governance and Personnel Committee Annual Performance Evaluation

**Sue Swenson**

Governance and Personnel Committee Chair

December 13, 2016



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# Technology Committee Annual Performance Evaluation

Neil Cox  
Technology Committee Chair

December 13, 2016



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## Technology Update

**Jeff Bratcher**  
Chief Technology Officer

December 13, 2016





**Network cabinets, RF cabling, power, HVAC & grounding - ready for NPSBN solution**



RF isolation room—  
ready for Quality  
Assurance  
device/RAN testing



**Secure device test station - ready to test public safety prototype devices**

FirstNet/YouTube



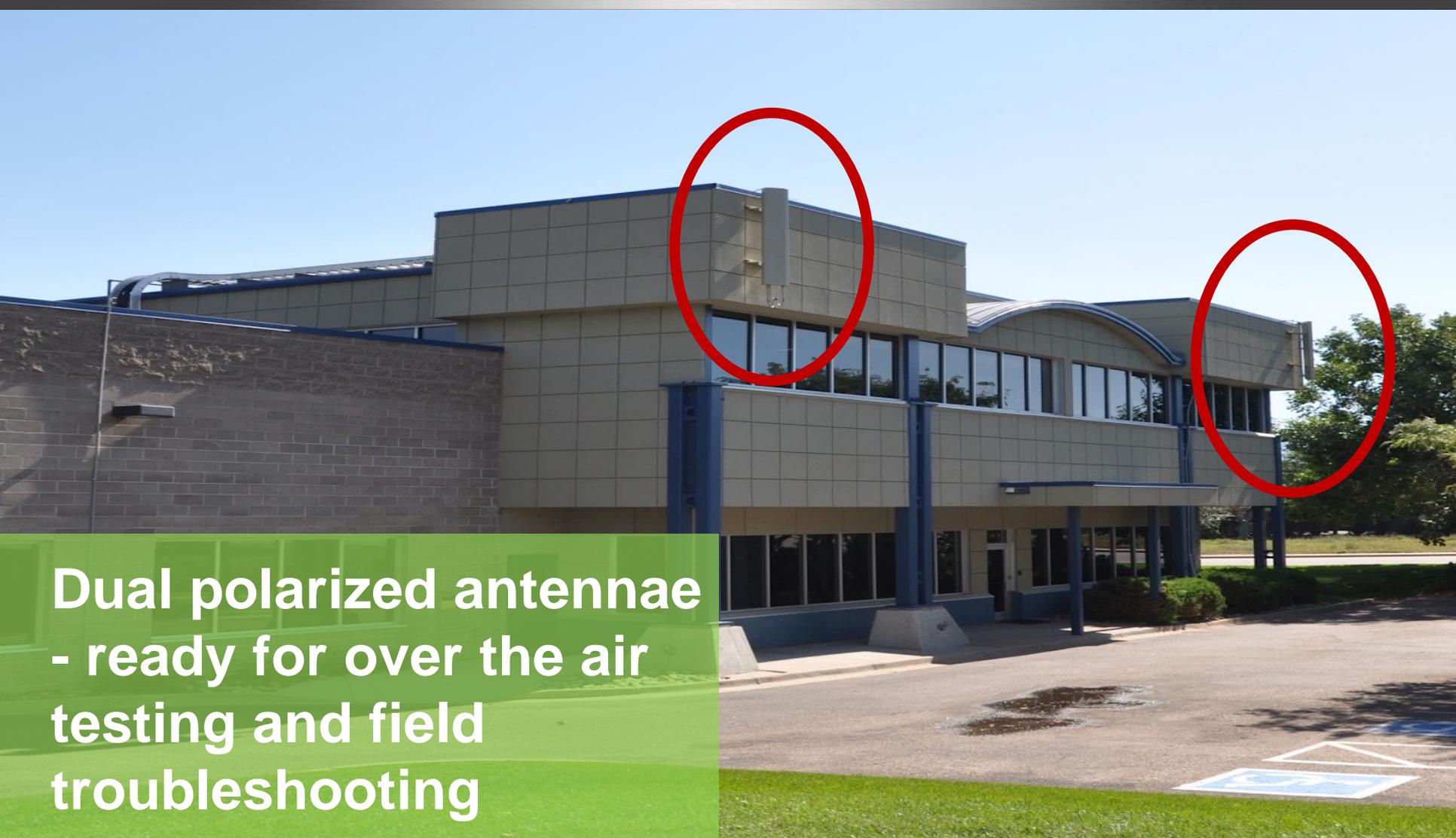
**User test area - ready for PS feature and applications innovation, user experience**



48-volt power system -  
ready for NPSBN  
network equipment



**24/7 300-kwatt backup  
power – mission  
critical redundancy**



**Dual polarized antennae  
- ready for over the air  
testing and field  
troubleshooting**

- The Middle Class Tax Relief and Job Creation Act of 2012 required FirstNet to “establish network policies”
- FirstNet network policies to include:
  - Core and RAN technical and operational requirements
  - Network management standards and procedures
  - Back office and user requirements (e.g., billing)
  - Monitoring and compliance requirements regarding network management, operation, and use
  - Public safety and user training
- Initial policy set to be released in conjunction with the delivery of State Plans

Constitute the basis for network interoperability

Reflect early builders, public safety, and PSAC learnings and input

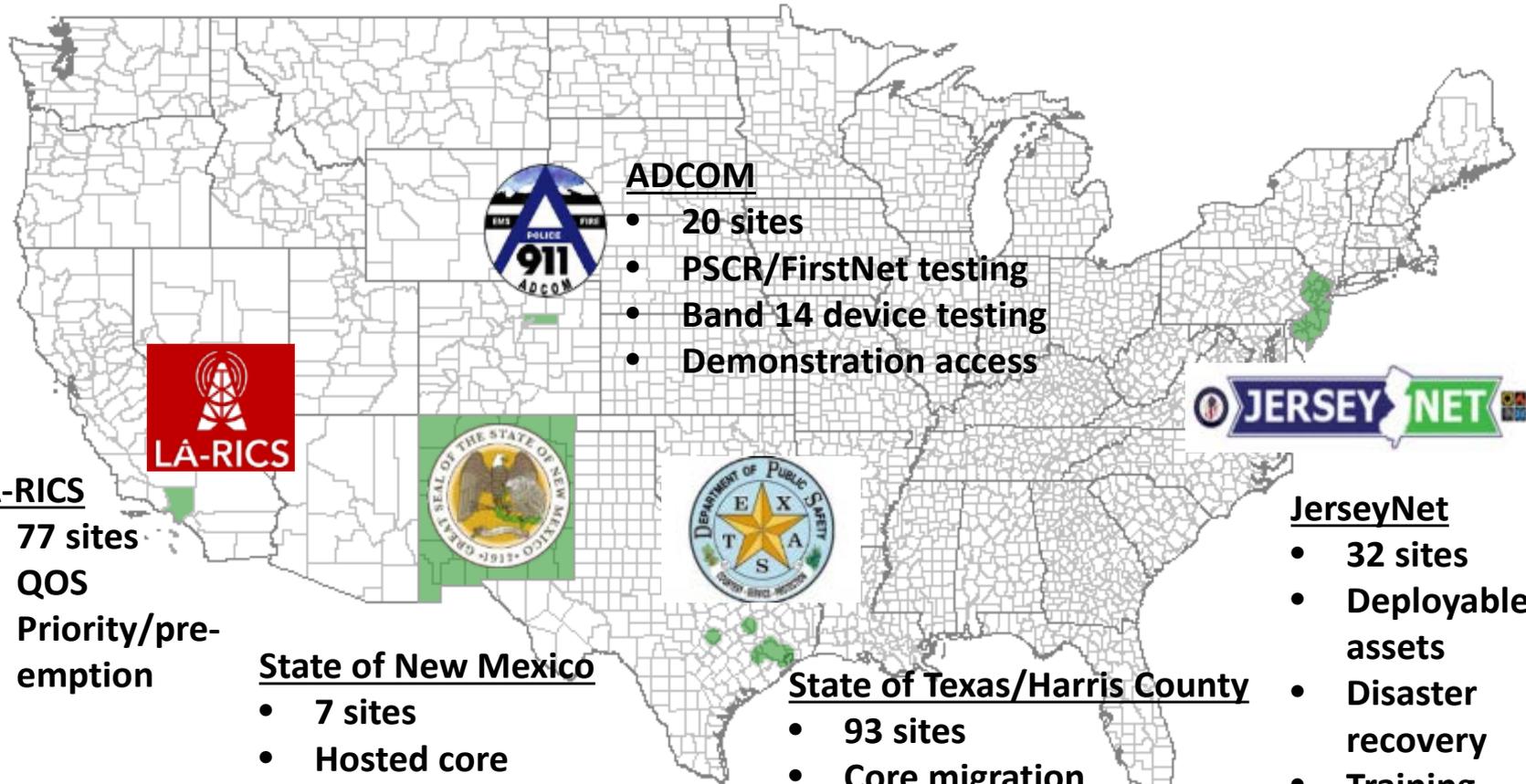
Provide development and operations framework for the network partner(s)

Establish criteria for FCC and NTIA to evaluate opt-out states' alternative RAN plans

## Activity to-date

- **Established criteria to define whether a policy document is needed**
  - Policy document applies to a stakeholder other than the network partner(s) (e.g., state-deployed RANs, public safety entities, users, applications developers)
  - Policy document addresses compliance with requirements in the Act
- **Analyzed candidate policies list to determine which should be developed**
  - Consolidated list from 150 originally proposed to **40** as of today
  - Removed candidate policies from the list that will be implemented through the contract
  - Merged similar policies across working groups to reduce redundancy
- **Developed, reviewed, and analyzed draft policies**
  - Policies are currently in development and review
  - Assessed which stakeholders are affected by policies
  - Conducted initial assessment of how policies align to requirements of the Act
  - Identified supporting documents (e.g., Terms of Service) required to implement policies
- **Technology and Consultation and Outreach Committee/s briefing schedule TBD**
- **Network policies will not be finalized until after post-award discussions with the partner**

# Band 14 Early Builder Projects



## ADCOM

- 20 sites
- PSCR/FirstNet testing
- Band 14 device testing
- Demonstration access



## LA-RICS

- 77 sites
- QOS
- Priority/pre-emption



## State of New Mexico

- 7 sites
- Hosted core
- International border spectrum management
- Federal partnerships



## State of Texas/Harris County

- 93 sites
- Core migration
- Data analytics
- Rural coverage
- Special events
- LTE training



## JerseyNet

- 32 sites
- Deployable assets
- Disaster recovery
- Training exercises
- NOC notification



# Consultation and Outreach Committee Annual Performance Evaluation

**Jeff Johnson**  
Consultation and Outreach Committee Chair

December 13, 2016



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## Chief Customer Update

**Rich Reed**  
Chief Customer Officer

December 13, 2016

# 2016 CCO Achievements



## Highlights

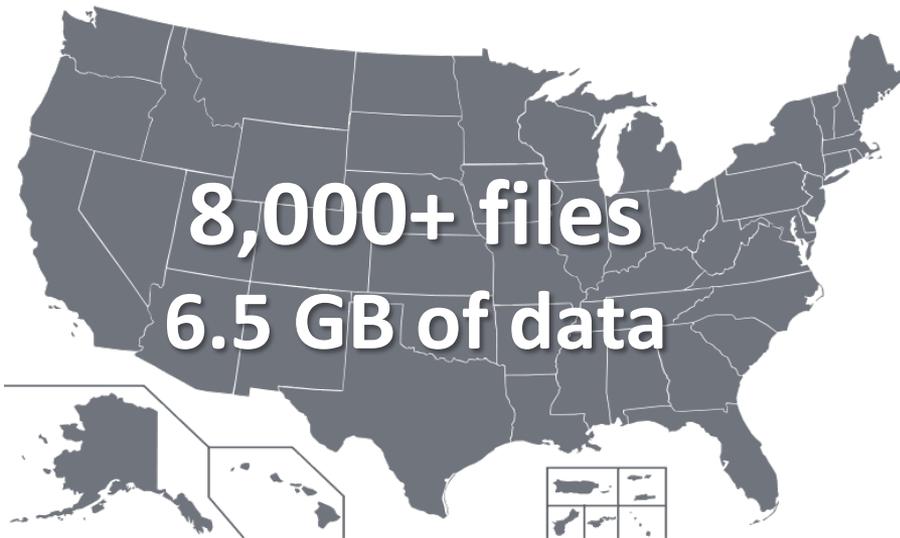
- Nearly 150 attendees representing 50+ states and territories
- New format allowed focused conversation and individualized engagement
- One-on-one state consultations and plenary sessions focused on preparing for State Plan review and the Governor's decision

## Key State Questions

- State Plan timelines and review process
- State access to and interaction with partner
- Details on cost, coverage, and policies
- Deeper understanding of Opt-in/Opt-out process and costs
- How to clearly articulate the difference between FirstNet and other communications systems to state executives



# 2016 Nationwide Data Submission – (additional)



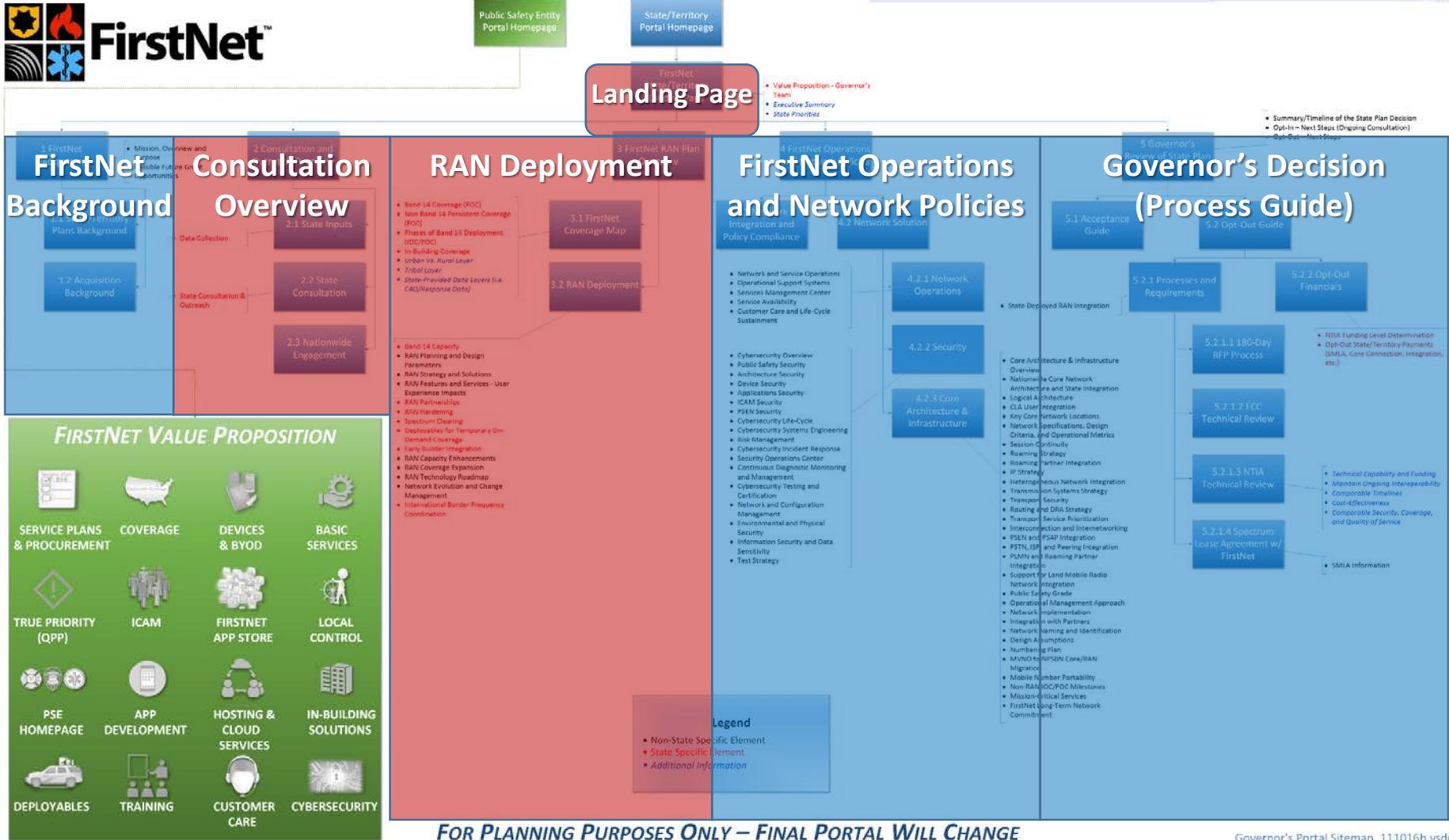
**31** States and Territories

**1500+** PSEs surveyed

**180k+** Personnel represented



# Governor's Portal Site Map



FOR PLANNING PURPOSES ONLY – FINAL PORTAL WILL CHANGE

Governor's Portal Sitemap\_111016b.vsdm

## *Continue and expand our consultation with each State / Territory*



Enable  
Smooth  
Delivery of  
State Plans



Promote users  
adoption

# 2017 Consultation Goals Directly Inform the State Plan



## Consultation Team

- Engage and Educate **People** who are important to the review process
- Explain the State Plan Delivery **Process**
  - Access considerations
  - Portal content
- Ensure State Plans reflect the State **Priorities:**
  - Business factors
  - Public safety desires

## State Plans Team



**Develop value propositions and capabilities specific to each State**

States Continue to Influence the State Plans in 2017

# Communicating the State Plan



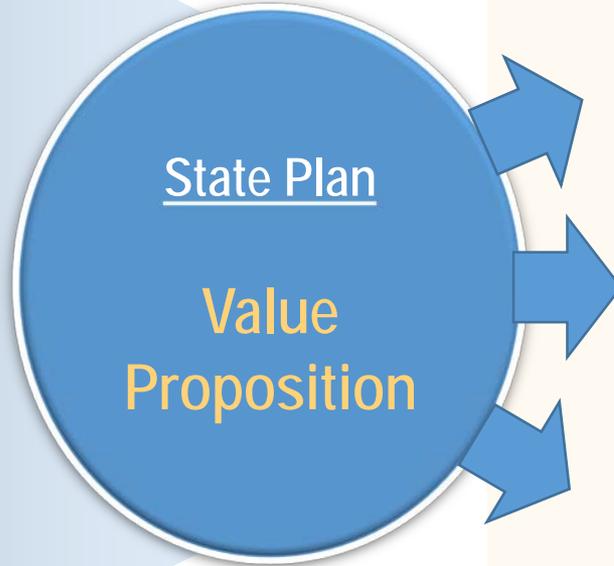
Governance  
Body Meetings



SPOC Team  
Interaction



Public Safety  
Meetings



Governance  
Body

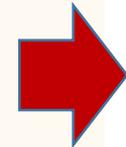


SPOC Team



Public Safety

CIO;  
Attorney General;  
Budget Director;  
Procurement Officer;  
Administrative Officer;  
Policy Advisor;  
General Counsel;  
Chief of Staff



Governor



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# Finance Committee Annual Performance Evaluation

James Douglas  
Finance Committee Chair

December 13, 2016

- The Finance Committee recommends that the Board adopt the Revised and Amended Finance Committee Charter
- The Committee Duties and Responsibilities Section of the Finance Charter is revised and amended to correspond with the language of Board Resolution 78 as follows:
  - Section 8 states that: The primary duties and responsibilities of the Finance Committee are to review and notify the Board of obligations and expenditures over \$10 million and make recommendations, when determined appropriate, for Board review of such obligations and expenses
  - Section 9 states that: the primary duties and responsibilities of the Finance Committee are to review the material terms of any material agreements and make recommendations to the Board, including without limitation agreements regarding long term financial commitments greater than \$25 million in value or with a period of performance greater than 5 years and all real property leases



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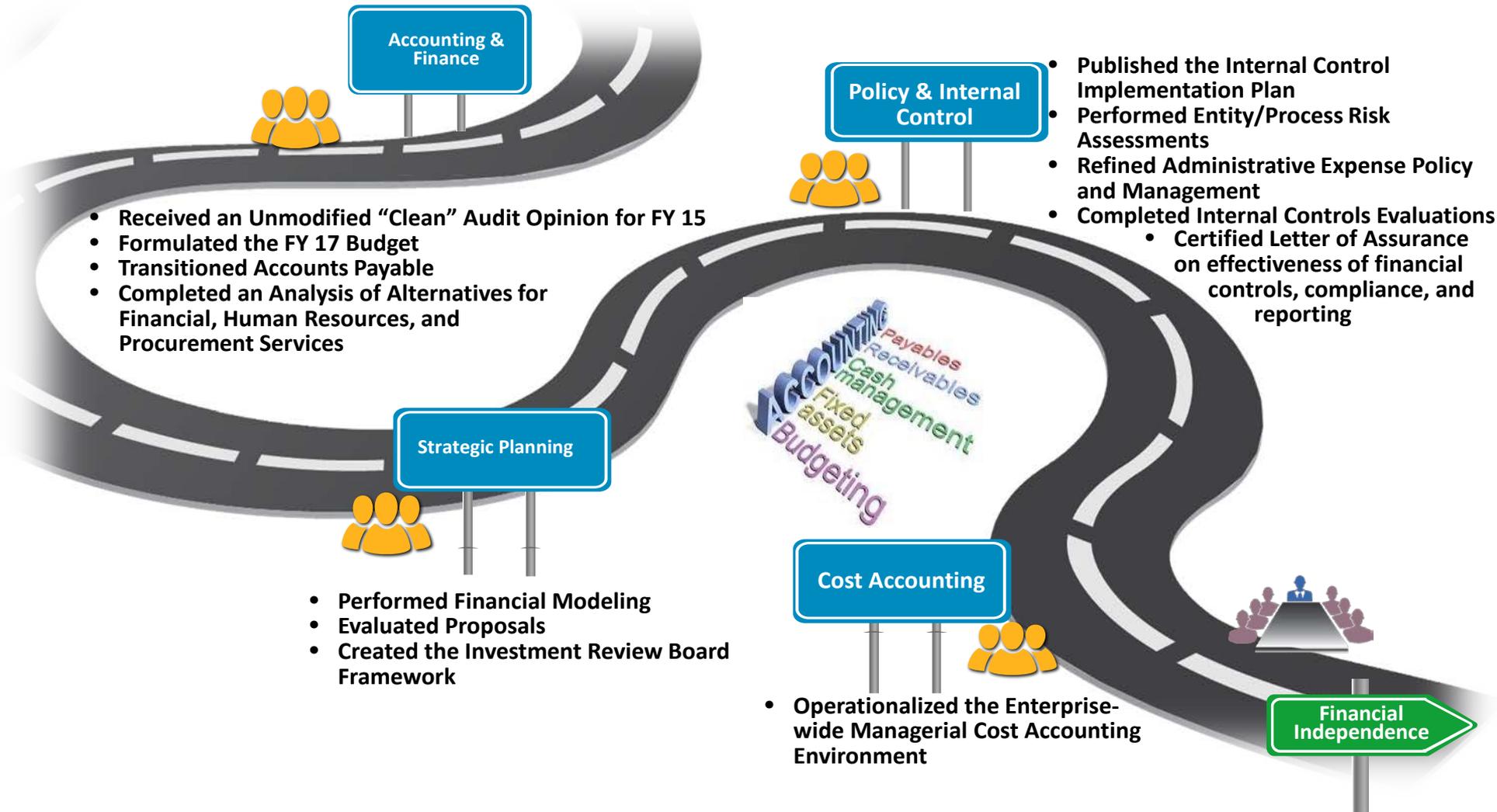


## Finance Update

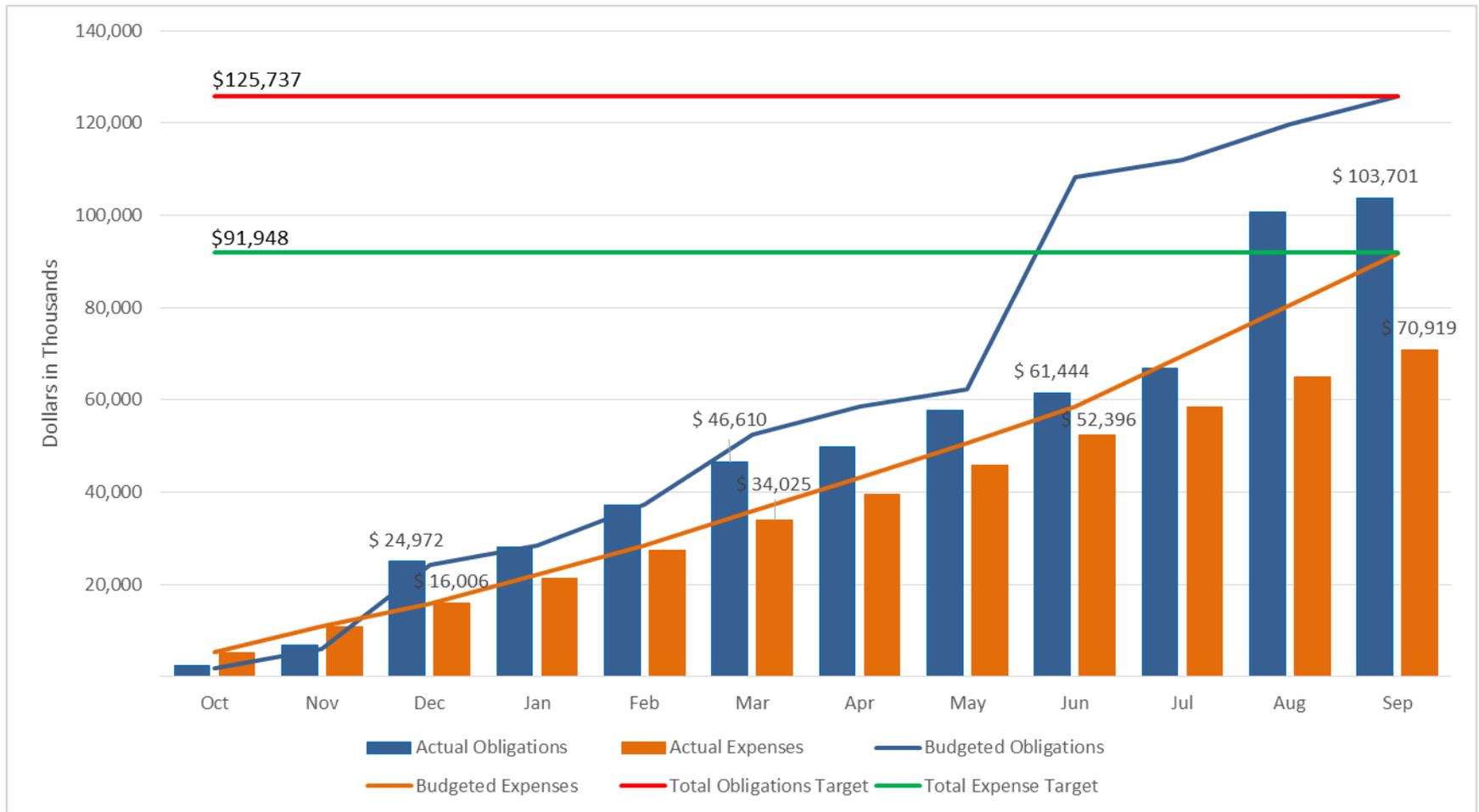
**Kim Farington**  
Chief Financial Officer

December 13, 2016

# OCFO Accomplishments



# FY2016 Cumulative Review





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## Network Program Update

**James Mitchell**

Director Network Program Office

December 13, 2016

The NPO mission is to manage and administer the NPBSN program, and the associated Partner relationship, to realize the development, deployment, operation, and evolution of a nationwide LTE broadband network that serves the demanding needs of public safety users.

# From Program Development to Execution



Subject matter experts from around FirstNet developed and released the NPSBN RFP in January of 2016.



For the majority of the year following proposal submissions in May, the same team evaluated those submissions.

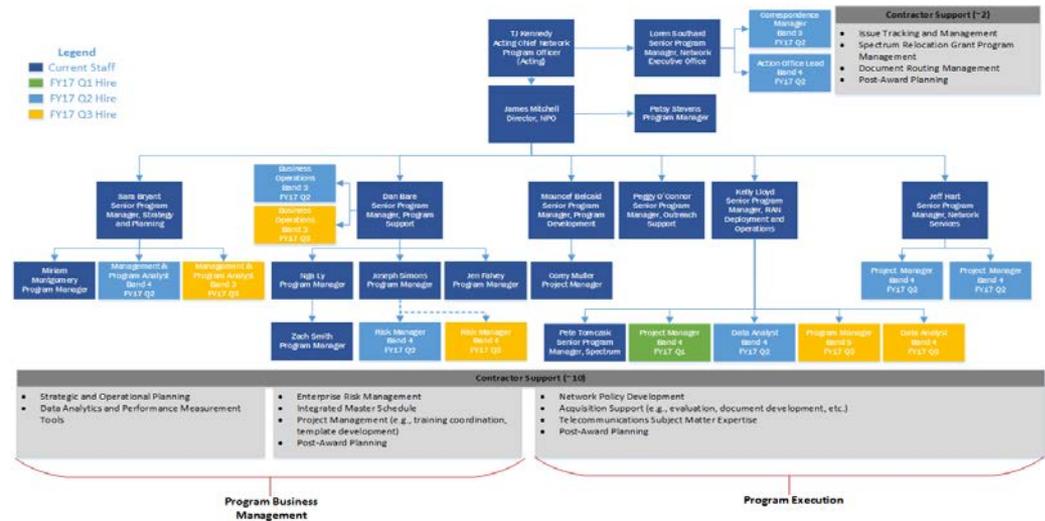


NPO will spearhead the engagement with the partner in concert with CTO and CCO to operationalize the contract.

# NPO Organizational Structure



The NPO focuses on two major functions: program execution and program business management. The NPO is staffed with seasoned program managers with backgrounds in telecommunications, management consulting, public safety, and emergency management.



# NPO FY 16 Accomplishments



## RFP Release and Evaluation

- Released the Network Deployment RFP in January 2016
- Conducted a public webinar to review key RFP elements in January 2016
- Responded to more than 400 questions related to the RFP
- Hosted a pre-proposal conference with 437 attendees in March 2016
- Evaluated proposals submitted in May 2016 in anticipation of an award in FY17
- Developed network policies in collaboration with other FirstNet Business Unites

## Planning and Performance Management

- Developed FirstNet's enterprise-wide Five Year Strategic Plan for FY2016 – FY2020
- Created a Planning and Performance Management Framework
- Established a standardized operational planning process

## Post-Award Transition

- Reviewed the FirstNet Operational Architecture to determine required FirstNet functions
- Began developing change management mechanisms in preparation for transition to a post-award environment
- Launched the NPO by defining roles and responsibilities in respect to the Partner and other FirstNet Business Units

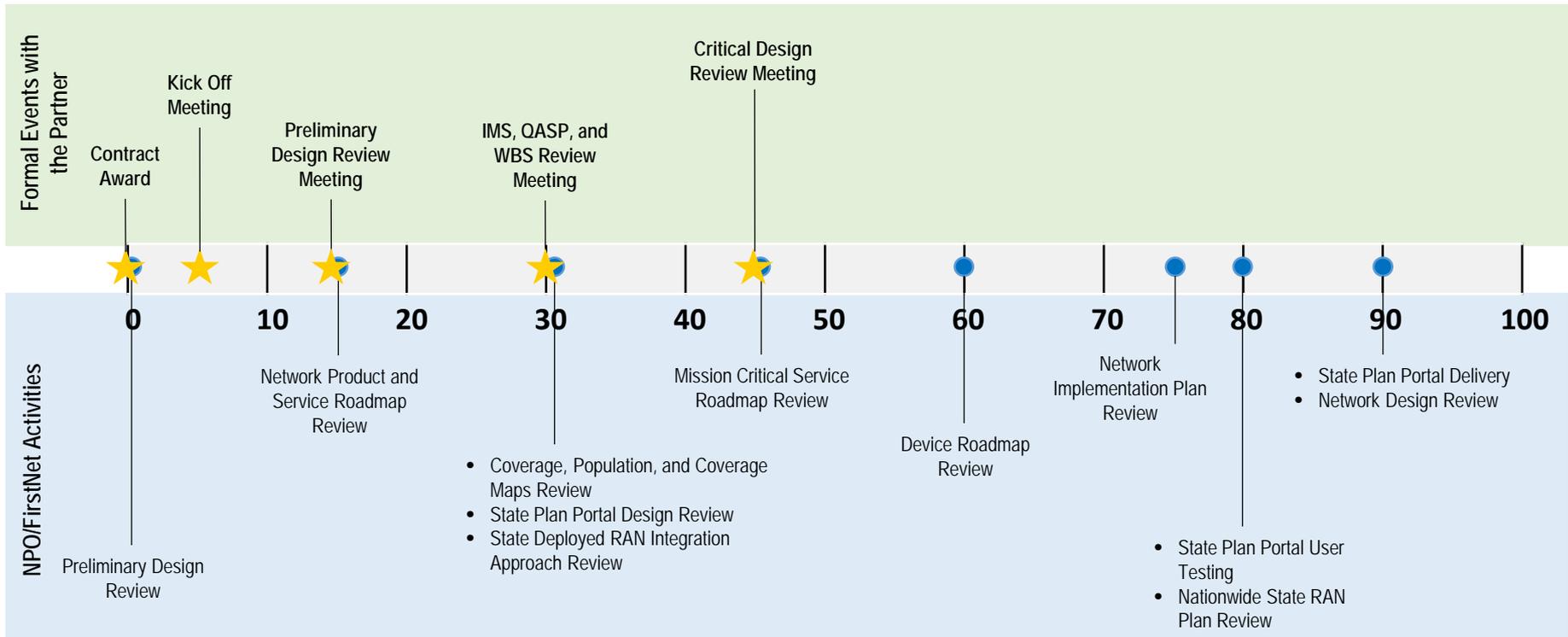
## Risk Management Committee

- Established FirstNet's Risk Management Committee in April 2016
- Conducted two quarterly meetings to resolve risks impacting FirstNet's operational environment

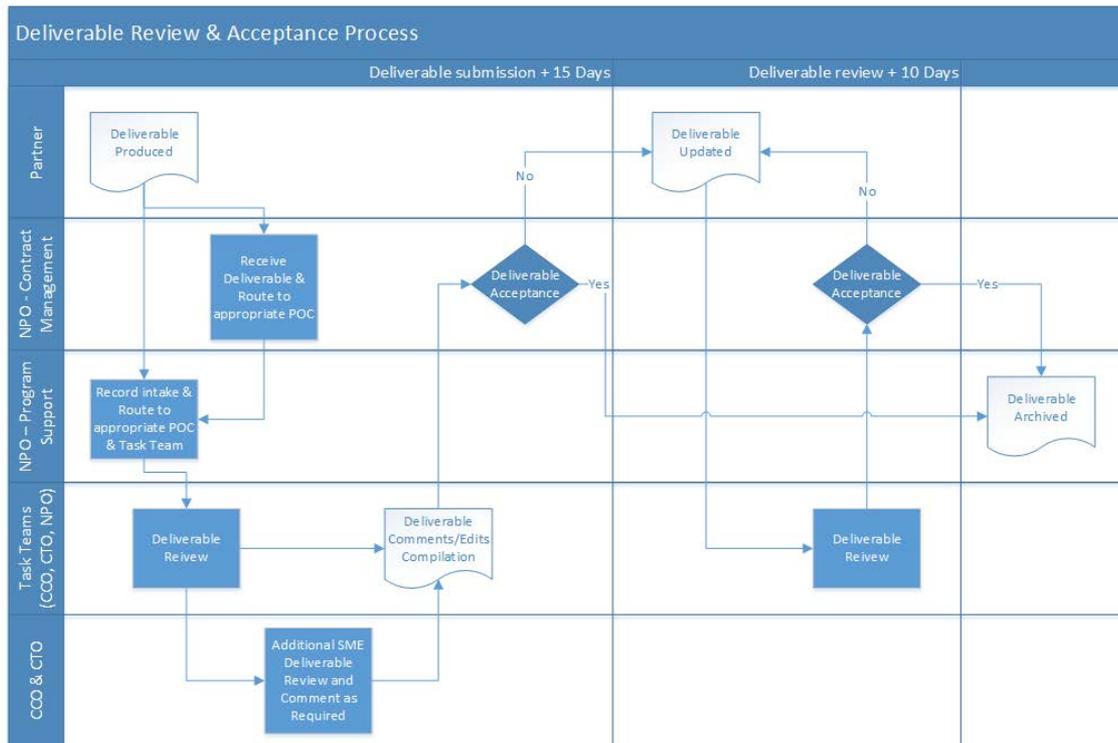
## Spectrum Relocation Grant Program

- Released the Band 14 Program Federal Funding Opportunity notice in March 2016
- Awarded eight grants totaling approximately \$26.8M in August 2016
- Established grant monitoring processes to ensure grant recipients complete their project on time to limit any impact on the NPSBN deployment

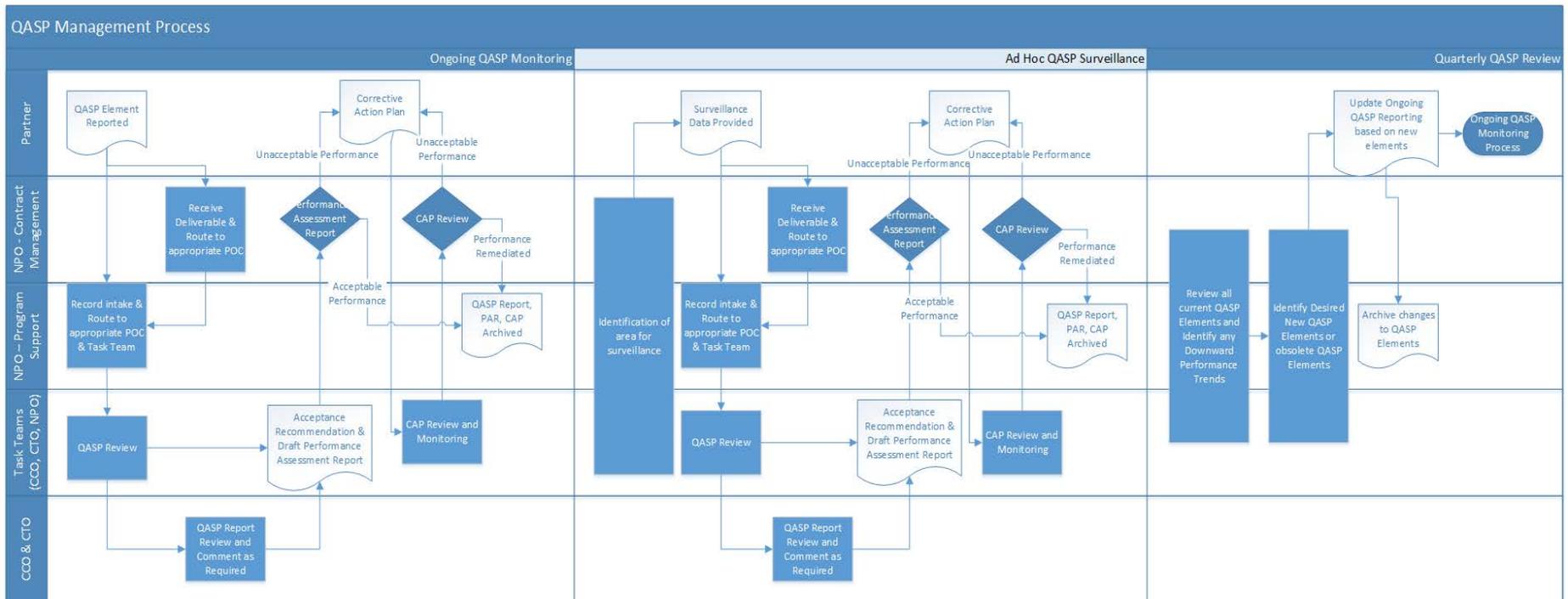
# Post-Award 100 Day Activities



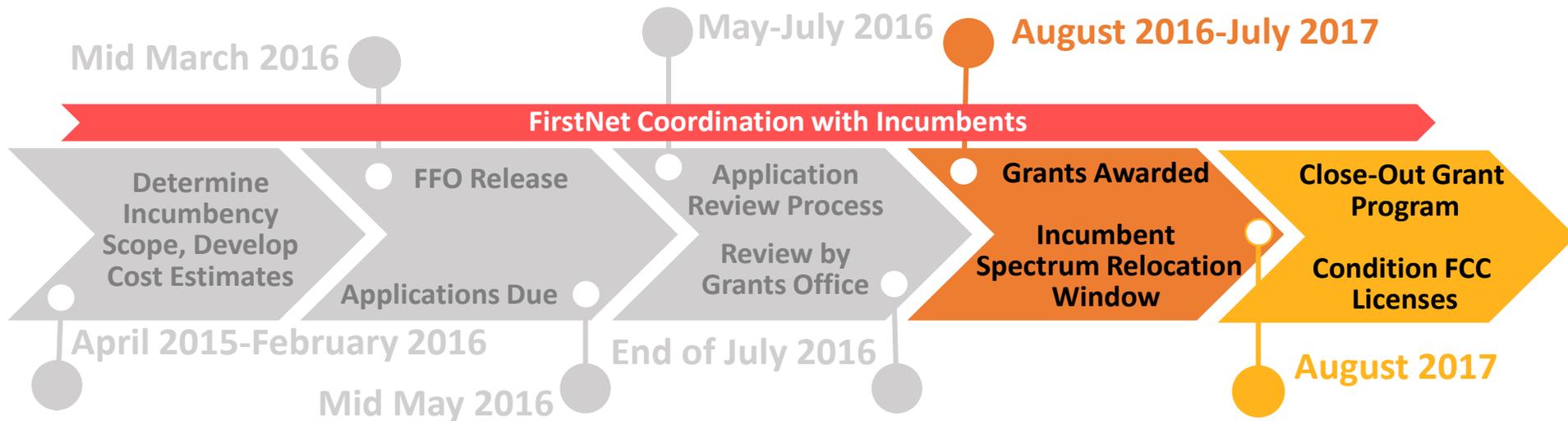
# Deliverable Review and Acceptance Process



# QASP Management Process



# Spectrum Relocation Update



- \$27,946,346 in grant funding will be awarded by the end of the year to 10 applicants
  - 8 awarded in August, 2 remaining applicants currently in final review process for award by end of the year
- Grantees will have a 1 year period of performance, option for no-cost time extensions, if warranted
- First round of quarterly reviews completed, grantees are on track with their relocation efforts



- **March: Tuesday, March 14 and Wednesday, March 15, 2017** in Reston, VA
- **June: Wednesday, June 28 and Thursday, June 29, 2017** in Location TBD
- **September: Wednesday, September 13 and Thursday, September 14, 2017** in Location TBD
- **December: Wednesday, December 6 and Thursday, December 7, 2017** in Location TBD