<table>
<thead>
<tr>
<th>Time</th>
<th>Agenda Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 – 10:15 a.m.</td>
<td>Governance and Personnel Committee Update</td>
</tr>
<tr>
<td>10:15 – 10:30</td>
<td>FirstNet User Spotlight</td>
</tr>
<tr>
<td>10:30 – 10:45</td>
<td>Public Safety Advisory Committee Update</td>
</tr>
<tr>
<td>10:45 – 11:30</td>
<td>Public Safety Advocacy and Technology Committee Updates – FirstNet Authority Roadmap</td>
</tr>
<tr>
<td>11:30 – 11:45</td>
<td>Finance Committee Update</td>
</tr>
<tr>
<td>11:45 – 12:00 p.m.</td>
<td>Closing Remarks</td>
</tr>
</tbody>
</table>
Governance & Personnel Committee Update

Edward Horowitz | Committee Chair
Board Resolution 99: Expression of Thanks for the Services of Teri Takai

WHEREAS, Teri Takai has served admirably as a founding, and the longest standing, member of the FirstNet Authority Board since its inception in 2012 and as an influential member of the Board’s Governance and Personnel Committee and the Public Safety Advocacy (formerly known as the Consultation and Outreach) Committee;

WHEREAS, Teri Takai has notably represented the state and local government communities, and her expertise in government information technology and her extensive experience as the Chief Information Officer for the states of Michigan and California have been invaluable to the FirstNet Authority Board;

WHEREAS, Teri Takai has contributed instrumental input and provided invaluable strategic expertise to the Board as the FirstNet Authority created its formative roadmap to guide management from inception and startup through the release and evaluation of the Request for Proposals (RFP) for the Nationwide Public Safety Broadband Network (NPSBN), to the contract award to AT&T and the successful opt-in decisions from all 56 states, territories, and the District of Columbia, to the deployment of the NPSBN and the development and implementation of the FirstNet Authority Roadmap;

NOW THEREFORE BE IT RESOLVED that the FirstNet Authority Board hereby extends its formal appreciation to Teri Takai for her extraordinary service and dedication as a member of the FirstNet Authority Board.
Chief Harlin R. McEwen Public Safety Broadband Communications Award – Seeking Nominations

• Created in honor of Chief Harlin R. McEwen (Ret.) for his extraordinary expertise, experience, and leadership as the founding Public Safety Advisory Committee Chair
  o Honors remarkable leadership or made significant contributions in the field of public safety broadband communications
  o Recognizes the spirit of service, commitment, and dedication that is a proud tradition among public safety
  o Any sworn or civilian member of public safety (fire service, law enforcement, EMS, emergency management, and 911/emergency communications) is eligible

• The FirstNet Authority is seeking nominations through FirstNet.gov at https://firstnet.gov/about/board/award/McEwen through September 30, 2019
FirstNet User Spotlight

Tyler Clements | Field Coordinator, State of Indiana
Tyler M. Clements
Field Coordinator – Integrated Public Safety Commission

Indiana; Incident Management Assistance Team –
Communications Unit Leader Type 3
Indiana FirstNet

Indiana FirstNet Launch – October, 2017
Governor Eric J. Holcomb; opt-in

Indiana to opt-in to FirstNet Network

FirstNet Launch Conference
November, 2017
Winter - 2018

Testing Begins, user-case videos filmed
Indiana FirstNet Deployment

Spring – 2018
State Agency Deployment

Thunder Over Louisville
Indiana FirstNet Deployment

July – 2018  State Level Exercise

Muscatatuck Urban Training Center
Indiana FirstNet Deployment

August – 2018
Terre Haute Air Show

And so it began
Statewide Events – April
2019 Thunder over Louisville
103rd Running of Indianapolis 500
Preparing for the Future

Indiana Emergency Cellular Drop-Kit

Hurricane Michael Shipment
Questions?
Tyler M. Clements
tyyclements@ipsc.in.gov
317-605-4377
Public Safety Advisory Committee Update

Todd Early | PSAC Chair
Tribal Working Group (TWG) 2019 Activities

- Met with FirstNet Authority staff and Board in Nashville, TN on April 29 and 30
- Solidifying TWG delegates’ role as FirstNet Champions
- Hold monthly TWG teleconferences to share organizational updates, success stories, and challenges
- Continue to support the FirstNet Authority’s tribal consultation policy and tribal outreach, education, and engagement throughout Indian Country
### PSAC Webinar Series and Strike Teams

<table>
<thead>
<tr>
<th>January 2019 Webinar</th>
<th>February and March 2019 Webinars</th>
<th>May 2019 Strike Team</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mission Critical Video</td>
<td>FirstNet Authority Roadmap</td>
<td>FirstNet Experience Center</td>
</tr>
</tbody>
</table>

### Proposed Future Webinar Series Topics and Strike Teams

<table>
<thead>
<tr>
<th>Communications Unit (COMU) and Communications Unit Leader (COML)</th>
<th>Network Status Tool Updates</th>
<th>Deployables</th>
<th>Telehealth Use &amp; Policies</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Communications Unit (COMU) and Communications Unit Leader (COML)" /></td>
<td><img src="image" alt="Network Status Tool Updates" /></td>
<td><img src="image" alt="Deployables" /></td>
<td><img src="image" alt="Telehealth Use &amp; Policies" /></td>
</tr>
</tbody>
</table>
June In-Person PSAC Meeting

- Met with FirstNet Authority leadership, staff, and Board members in Bedminster, NJ on June 4 and 5
- Toured AT&T’s Global Network Operations Center and Cell on Wheels deployable
- Participated in breakout sessions on the FirstNet Authority Roadmap domain priorities
- Received updates from Public Safety Communications Research (PSCR) and AT&T leadership
- Received briefings from the Public Safety Advocacy (PSA) team on upcoming engagements and engagement strategy
- Discussed TWG activities, webinar series, and future Strike Team opportunities
FirstNet Authority Roadmap

Public Safety Advocacy and Technology Committee Updates

Richard Stanek | Committee Chair
Neil Cox | Committee Chair
VISION: Create a dedicated and differentiated broadband communications experience that transforms public safety operations to save lives.
Roadmap Introduction

Why a roadmap?

How did we produce it?

What does it say?
The FirstNet Authority is in the position to be a catalyst across its stakeholder groups to effect positive change for the public safety community.

- The only network dedicated to public safety
- $18 billion reinvestment capability
- A committed organization with deep expertise

Enabled by FirstNet®
The Roadmap expresses how the FirstNet Authority will work to advance the FirstNet network over a multiyear horizon.

- Provides a **technology framework** to understand all of the components and capabilities of the FirstNet Experience.
- Reflects **public safety’s feedback** and needs based on a multitude of Roadmap engagements with the public safety community.
- Incorporates **analysis** of industry trends and drivers as well as AT&T’s roadmap for the FirstNet network.
- Identifies the **priorities that will guide investments** and other opportunities based on FirstNet Authority analysis.
# FirstNet Authority Roadmap Domains

## Core
- EPC
- IMS Core
- Services Platforms
- App Servers
- Service Enablers

## Coverage & Capacity
- Macro Coverage
- Capacity
- In-Building Solutions
- Temporary/On-Demand Coverage
- Range Extension
- Device-to-Device
- Air-to-Ground
- Maritime Operations
- Availability/Reliability/Resiliency/Hardening

## Situational Awareness
- Location Services
- Sensors
- Wearables
- Cameras/Video
- Mapping/Geographic Information System (GIS)
- Data Analytics/Artificial Intelligence

## Voice Communications
- Mission Critical Push-to-talk (MCPTT)
- PTT Interworking

## Secure Information Exchange
- Data Access
- Data Sharing
- Cybersecurity
- Identity, Credential and Access Management (ICAM)/Single Sign-On

## User Experience
- Priority Services
- Applications
- Devices
- Accessories
- Hands-Free Operations
- Augmented Virtual Reality
- Heads-Up Display
FirstNet Authority Roadmap Process

- Reviewed existing public safety-focused reports, analysis, roadmaps
- Convened subject matter experts
- Identified high-level domains and Roadmap framework
- Solicit public safety feedback and input
- Draft/update Roadmap document
- Identify opportunities
- Continue FirstNet development for public safety
Overall Public Safety Engagement for the FirstNet Authority Roadmap

Percent of Engagements Addressing Roadmap Domains (through May 2019)

- FirstNet Core: 42%
- Coverage & Capacity: 82%
- Situational Awareness: 62%
- Voice Communications: 65%
- Secure Information Exchange: 54%
- User Experience: 74%

606 Engagements by Discipline (through May 2019)

- Executive: 14%
- Law Enforcement: 13%
- Emergency Management: 12%
- Emergency Medical Services: 7%
- 911 Public Safety Answering Point: 6%
- Fire: 8%
- Governance / Multi-disciplinary: 32%
- Other: 4%
Roadmap Engagement Highlights

Region 7 Roadmap Summit (Altoona, IA) | May 29-30

PSAC Roadmap Summit (Bedminster, NJ) | June 4

State Roadmap Engagement (Windsor Locks, CT) | June 6

Public Safety Roadmap Summit (Phoenix, AZ) | June 12
Vision

The FirstNet Authority envisions the network core will be technologically current and possess the necessary features and enablers to support mission critical services and applications at required levels of availability, performance, and security, to meet the needs of public safety.
Vision
The FirstNet Authority envisions the network will be available to public safety personnel when and where they need it.
**Vision**

The FirstNet Authority envisions real-time access, collection, and distribution of information concerning threats, hazards, and conditions on the network in a manner tailored to public safety operations.
**Vision**

The FirstNet Authority envisions a nationwide network that provides high-quality, reliable voice communications, including PTT, and leverages all available voice-related technologies to ensure the most advanced feature set is available for the first responder community.
Secure Information Exchange Overview

Vision
The FirstNet Authority envisions enabling secure, reliable, and easy-to-use access and sharing of critical information on the network across a variety of sources.
**Vision**

The FirstNet Authority envisions a user experience on the network driven by public safety operational needs that allows users to stay focused on their primary mission.
A Commitment to Public Safety

<table>
<thead>
<tr>
<th>UNDERSTAND</th>
<th>COLLABORATE</th>
<th>TRANSFORM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engage, understand, and analyze public safety operational needs and opportunities</td>
<td>Include public safety, industry, government, and AT&amp;T to determine the priorities we will address through the Roadmap and other efforts</td>
<td>Assist public safety in its adoption and use of FirstNet so that it realizes the advantages and benefits offered by the network</td>
</tr>
</tbody>
</table>
FirstNet Network Status (May 2019)

600K+ FirstNet connections
7,250+ Public safety agencies signed

75 Deployable network assets, including 3 Flying COWs

25% Faster¹ than any commercial network

Markets² with Band 14 spectrum

50%+ Band 14 coverage completion; well ahead of schedule

Northern Mariana Islands
Puerto Rico
U.S. Virgin Islands
Finance Committee Update

Robert (Tip) Osterthaler | Committee Chair
NOW THEREFORE BE IT RESOLVED that the delegations set forth in Resolution 78 do not apply to funds in the *Reinvestment in Network Enhancement Fund* funding category.

NOW THEREFORE BE IT FURTHER RESOLVED that no funds may be obligated from the *Reinvestment in Network Enhancement Fund* funding category for the purposes of investment without Board approval.

FY 2019 Cumulative Financial Results – Operations Budget
• Earned sixth consecutive “clean,” or unmodified, audit opinion according to independent auditors, Harper, Rains, Knight & Co.
• No material weaknesses
• No significant deficiencies
• No internal control findings
Closing Remarks

Ed Parkinson
Jeff Bratcher
Continue Transforming Public Safety Communications Together