APCO International
Leaders in Public Safety Communications™

APCO Emerging Technology Forum

FirstNet Update

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Securing a Future for Public Safety Communications

- For years, public safety sought legislation that would address major challenges to developing a cohesive and modern public safety broadband network
- Three major components of any legislative effort would need to include:
  - Additional spectrum
  - Funding
  - Strong Governance Model

Public Safety Broadband Legislation

- H.R. 3630 enacted February 2012; now PL 112—96
  - Spectrum: 10 additional MHz in 700 MHz band
    - Adjacent to other public safety spectrum
  - Funding: $7B
    - $2 billion upfront; not a grant program
  - Single governance body: FirstNet
    - Oversee the implementation and development of a nationwide, interoperable public safety broadband network

FirstNet

15 Member Board

- 3 Federal (DHS Secretary, Attorney General, OMB Director)
- 12 appointed by Acting Commerce Secretary of Commerce, Dr. Rebecca M. Blank, at APCO's 78th Annual Conference

Sam Ginn (Chairman)

Telecommunications executive

Tim Bryan

CEO, National Rural Telecommunications Cooperative

F. Craig Farrill

Wireless telecommunications executive

William Keever

Retired telecommunications executive

FirstNet

Ed Reynolds
Retired telecommunications executive

Susan Swenson
Telecommunications/technology executive

Charles "Chuck" Dowd
Deputy Chief, New York City Police Department

Jeffrey Johnson
Fire Chief, retired; CEO Western Fire Chiefs Association
Former Chair, State Interoperability Council, State of Oregon

Paul Fitzgerald
Sheriff, Story County, Iowa

FirstNet

Kevin McGinnis

Chief/CEO, North East Mobile Health Services

Teri Takai

Government information technology expert; former CIO, states of Michigan and California

Wellington Webb

Founder, Webb Group International; former Mayor, Denver, Colorado

More information on the FirstNet board members can be found here: http://www.commerce.gov/news/fact-sheets/2012/08/20/fact-sheet-first-responder-network-authority-firstnet

FirstNet Board Requirements

The FirstNet Board is required by law to:

- Ensure deployment and operation of a nationwide, interoperable public safety broadband network
- Ensure standards for use of and access of the network are implemented on a nationwide basis
- Ensure the network is safe, secure and resilient
- Seek input from states, localities and tribes
- Leverage existing commercial wireless infrastructure to the maximum extent economically desirable

Inherent FirstNet Advantages

- Swift-acting and independent authority
- National-level bargaining power and synergies with potential partners
- Single entity provides national-level economies of scale for purchase of network and device equipment
- Attract competitive, diverse, multiple vendor ecosystem
- Establish and maintain nationwide interoperability

FirstNet Board: Meeting Snapshot

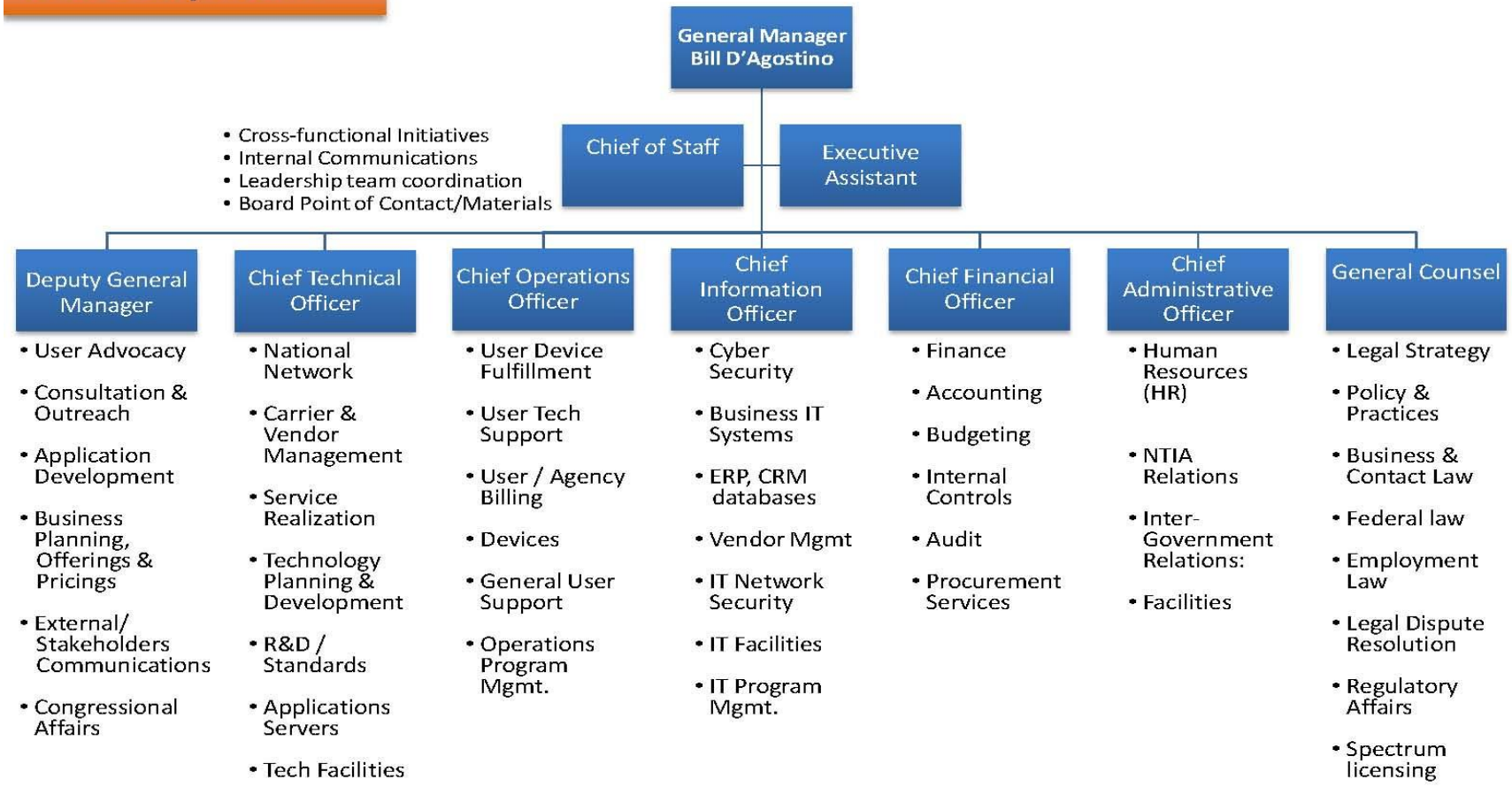
- First meeting held on September 25, 2012; subsequent meetings have been held every 2—3 months thereafter.
- Meetings provide an opportunity for Board members to be assigned tasks and responsibilities.
- In turn, Board members provide updates on existing projects, and vote on resolutions which shape the Board's overall direction.
- Webcast meetings offer general public opportunity to view progress made on development of the network.
- Examples of the Board's progress to date include:

- Development of the Public Safety Advisory Committee (PSAC)
  - Subgroup of SAFECOM
  - APCO holds seat on PSAC
- Notice of Inquiry (NOI) on “straw man” network architecture
  - Comment sought on concept network architecture presentation
  - Invite input on network design and business plan considerations
  - APCO provided comments

FirstNet Structure

- Hiring of General Manager
  - Bill D'Agostino,
    - Former Verizon Executive
    - Will be assisted by Chief of Staff, and other top-level employees, including:
      - CTO, COO, CIO, CFO, CAO, and General Counsel

Leadership Team



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FirstNet: License Holder of 20 MHz of Spectrum

- Spectrum license granted to FirstNet by the FCC
- Path forward for 7 BTOP grantees & state of Texas
  - Board passed a resolution which charts path forward for resumption of BTOP projects
  - Negotiate conditions to enable FirstNet to enter into spectrum lease agreements for BTOP grantees as well as the State of Texas

Congressional Interaction

- Report to Congress
  - Required annually under P.L. 112—96
  - Provides updates on operations, activities and financial condition and accomplishments during preceding fiscal year
- Oversight hearing of FirstNet and Emergency Communications (March 14, 2013)
  - FirstNet Chairman Sam Ginn testified before the House Energy and Commerce Subcommittee on Communications and Technology

Interacting with the Public Safety Community

- State and Local Implementation Grant Program / Federal Funding Opportunity
  - $121.5 Million in grants available to states; 3 year award period
  - Anticipated grant award date: July 15, 2013
  - Two phases of funding:
    - Phase I: planning, consulting and development in preparation for FirstNet consultation
    - Phase II: States' needs in preparing for additional FirstNet planning and the undertaking of data collection

Interacting with the Public Safety Community

- Stakeholder Outreach
  - Six regional "Listening Tour" meetings to engage decision makers, public safety users, and other stakeholder groups
  - Opportunity to understand priorities and concerns of first responders
  - Outreach is targeted to solicit input from attendees to help in the design of a public safety-grade next-generation wireless network that meets the specific communications requirements of police, firefighters and emergency medical services personnel in their respective jurisdictions

Outreach Plan Substantial

FirstNet Speaking Events

Main | About | Speaking Events | State Consultation

FirstNet board members and managers regularly speak at tradeshows, conferences and other events to engage with key stakeholders: first responders, the wider public safety community, state and local governments, tribes, utilities, wireless operators, technology standards bodies and wireless device and equipment manufacturers. Below is a list of past and upcoming events. This list is not exhaustive and subject to change often. Content from some of these events is downloadable.

If you are interested in having a staff member from FirstNet speak at your event, please submit a **speaker request form here**.

- **Q4 2013 Speaking Events**
- **Q3 2013 Speaking Events**
- **Q2 2013 Speaking Events**
- **Q1 2013 Speaking Events**
- **2012 Speaking Events**

Technology on the FirstNet Nationwide Network

- Applications and Devices
  - Ecosystem developed specifically for public safety community
  - 'V.5' app store being developed by working with app developers and stakeholders
  - Request for Information (RFI) + Request for Proposals (RFP) to engage potential suppliers and system integrators
  - Initial support for commercial devices

Looking for Input

RFI's help determine future acquisitions, including contract requirements, and potential vendors.

- RFI for Wireless Devices
  - FirstNet is currently conducting market research as part of its planning for the potential future acquisition of devices to run on the FirstNet Network (FNN).

Future RFI release topics have been identified, which include key pieces of the physical network architecture, potential deployment partners and satellite network coverage.

Recruitment of New Board Members

- The National Telecommunications and Information Administration issued a notice on behalf of FirstNet to seek expressions of interest from individuals who would like to serve on the FirstNet Board
  - By law, four of the 12 appointments of non-permanent members were for one-year terms
  - While the Secretary of Commerce may reappoint any of these individuals, the initial terms expire on August 19, 2013
  - Expressions of interest were accepted up until June 14, 2013

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QUESTIONS?

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