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Public Safety Advisory Committee (PSAC) Update

Sheriff Larry Amerson
PSAC Member

National Sheriffs' Association



This federal legislation was conceived and proposed to Congress **by the leadership of your associations.**

The proposed sale of radio spectrum known as the **D Block** (20 megahertz of bandwidth) was seen as squandering radio frequencies, a finite resource.

If the sale of those frequencies went through they would not be able to recover them. After the first sale attempt failed the public safety community decided something must be done.

Law enforcement, fire, EMS, EMA, and other public safety groups banded together in an effort to stop the sale and preserve those valuable and irreplaceable radio frequencies.

They created a plan - proposed federal legislation - to accomplish that **AND** find create a funding source. These public safety leaders made this legislation happen by walking the halls of Congress and bringing these public safety concerns to the legislators attention.

Did we manage to do something amazing and prove we could accomplish important things for public safety and most importantly for the people and communities we serve?

Visualize:

- Responding law enforcement getting live streaming video of a robbery in progress
- Live video from a tactical team making entry
- Paramedics sending video and medical information from the accident or shooting victim directly to the ER Doctor from the scene or while in route to the hospital
- A fire crew getting live video and data from smart alarms or sensors inside the structure

We are only limited by our imagination.

Assist FirstNet in carrying out its duties to ensure the building, deployment, operation, and maintenance of the nationwide public safety broadband network (NPSBN) in matters involving shared intergovernmental responsibilities or administration across public safety and emergency management, utilities, and local/state/tribal/federal government

The mission of the PSAC is to assist FirstNet in carrying out its duties and responsibilities. Specifically, the PSAC:

- **Offers FirstNet guidance, information, and subject matter expertise from a public safety perspective**

The mission of the PSAC is to assist FirstNet in carrying out its duties and responsibilities. Specifically, the PSAC:

- **Provides subject matter expertise on concepts (e.g., policies, procedures, technologies, operational methods developed by FirstNet**

The mission of the PSAC is to assist FirstNet in carrying out its duties and responsibilities. Specifically, the PSAC:

- **Advises FirstNet through the creation of initial documents, plans, or reports related to the build-out, deployment, and operation of a nationwide public safety broadband network (NPSBN). The PSAC reports include subject matter related to shared intergovernmental responsibilities or administration.**

The mission of the PSAC is to assist FirstNet in carrying out its duties and responsibilities. Specifically, the PSAC:

- **Conducts regular meetings to remain informed and up to date on FirstNet's progress**

PSAC Membership

American Association of State Highway & Transportation Officials,
Paul J. Steinman

Association of Public-Safety Communications Officials-
International, Brent Lee

American Public Works Association, Philip R. Mann

Forestry Conservation Communications Association, Lloyd Mitchell

Governors Homeland Security Advisors Council, Guy Cameron

Interagency Board, Capt. Christopher Lombard

International Association of Chiefs of Police, Chief Harlin McEwen

International Association of Emergency Managers, Joseph R. Sastre

International Association of Fire Chiefs, Chief Gary McCarraher

International City/County Management Association, Mark L.

Ryckman

January 13, 2016

International Justice and Public Safety Network Steve Correll

- **42 members**, public safety and state/local/tribal organization representatives
- **4 meetings a year**, twice in person and twice via webinar, along with additional meetings as a part of task teams and working groups
- **Task teams and working groups**, established to provide specific input on select topics necessary to the successful buildout, operation and maintenance of the NPSBN
- **Executive Committee**, 5 members with representation from law enforcement, fire, EMS, state and local
 - Chief Harlin McEwen (ret), International Association of Chiefs of Police
 - Chief Niles Ford, Metropolitan Fire Chiefs Association
 - Paul Patrick, National Association of State EMS Officials
 - Jimmy Gianato, National Governors Association
 - Tom Sorley, U.S. Conference of Mayors

2015 Completed PSAC Taskings



- **Priority and Preemption (P&P):** Provided advice and recommendations on an initial framework for implementing access prioritization, user preemption, and application prioritization on the NPSBN
- **Public Safety Grade (PSG):** Provided advice and recommendations on an initial methodology and framework for prioritizing and implementing public safety grade hardening recommendations for the NPSBN
- **User Equipment (UE):** Provided advice and recommendations on functional objectives for and ergonomic considerations of Band 14 broadband user equipment that will meet the operational needs of first responders

Priority and Preemption Recommendations



- Defined basic usage patterns
- Reviewed case studies of actual incidents submitted by task team members and adjusted usage patterns based on sequence of events
- Developed access and applications prioritization framework

Public Safety Grade Recommendations



- Identified 19 critical asset layers (e.g., fire stations, law enforcement locations, hospitals, major stadiums/arenas, airports, PSAPs, etc.)
- Developed methodology and applied filters to better prioritize asset layers
- Identified geographic hazards (e.g., earthquakes, hurricanes, flooding, etc.)

1. Vehicular Network Systems (VNS; formerly mobile communications units, or MCU)
2. Bring Your Own Device (BYOD)
3. Mobile Security
4. Virtual Assistants (VA)
5. Local Control
6. Internet of Things/Machine to Machine (IoT/M2M)
7. Portfolio Planning Process

- Final executive summary report submitted to FirstNet by the PSAC in November 2015.
- Advice and recommendations provided by the PSAC on these taskings have been incorporated into the objectives-based RFP, as appropriate.
- The PSAC work on public safety grade and priority and preemption will be among the topics discussed as a part of the 2016 state/territory consultation program.

- Local Control
- Identity, Credential, & Access Management (ICAM)
- Public Safety Communications Research Program (PSCR) Research and Development Projects

- **Early Builders Working Group (EBWG):**
 - Adams County, Colorado
 - Los Angeles-Regional Interoperable Communications Systems (LA-RICS), California
 - New Jersey
 - New Mexico
 - Texas (Harris County)

- **Tribal Working Group (TWG):**
 - Promotes tribal inclusion and supports FirstNet in outreach and education
 - Harrell French will present on the Tribal Working Group at 11:30 am

- Visit: <http://www.firstnet.gov/about/public-safety-advisory-committee>
- Contact: Vicki Lee, Association Manager/PSAC Liaison
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Questions?