

# NPSTC Meeting

**Thursday, Jan 10, 2019**

Conference Line: (510) 227-1018 | Conference ID: 1927 086#

Screen Share: <https://join.me/NPSTCsupport1>

Submit Questions Online

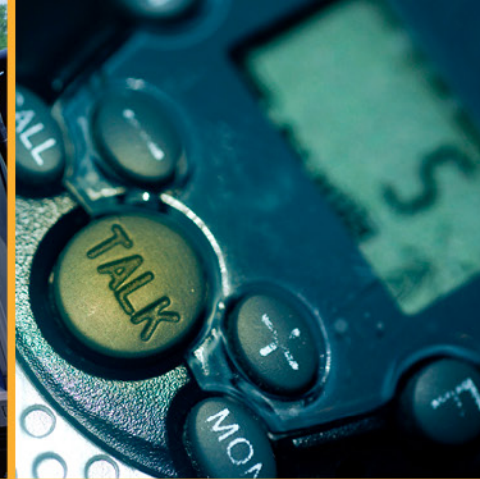
Send email to [support@npstc.org](mailto:support@npstc.org)

The member organizations of the National Public Safety Telecommunications Council are grateful to the Department of Homeland Security's Science and Technology Directorate, Office for Interoperability and Compatibility (OIC) and the National Protection and Programs Directorate, Office of Emergency Communications (OEC) Points of view or opinions expressed are those of the originators and do not necessarily represent the official position or policies of the U.S. Department of Homeland Security.

# Welcome and Opening



- Doug Aiken, NPSTC Vice Chair
  - Call to Order
  - Roll Call via attend
- Technical Tips
  - Webinar Access Information: <https://join.me/NPSTCsupport1>
  - Online participants submit questions to [support@npstc.org](mailto:support@npstc.org). Do NOT use the the join.me chat bubble, it will be displayed to all.
  - To mute your phone, press \*6, NOT hold.
  - Email attendance to [attend@npstc.org](mailto:attend@npstc.org).



# Spectrum Management Committee

**Don Root, Chair**

**Charlie Sasser, Vice Chair**

The member organizations of the National Public Safety Telecommunications Council are grateful to the Department of Homeland Security's Science and Technology Directorate, Office for Interoperability and Compatibility (OIC) and the National Protection and Programs Directorate, Office of Emergency Communications (OEC) Points of view or opinions expressed are those of the originators and do not necessarily represent the official position or policies of the U.S. Department of Homeland Security.

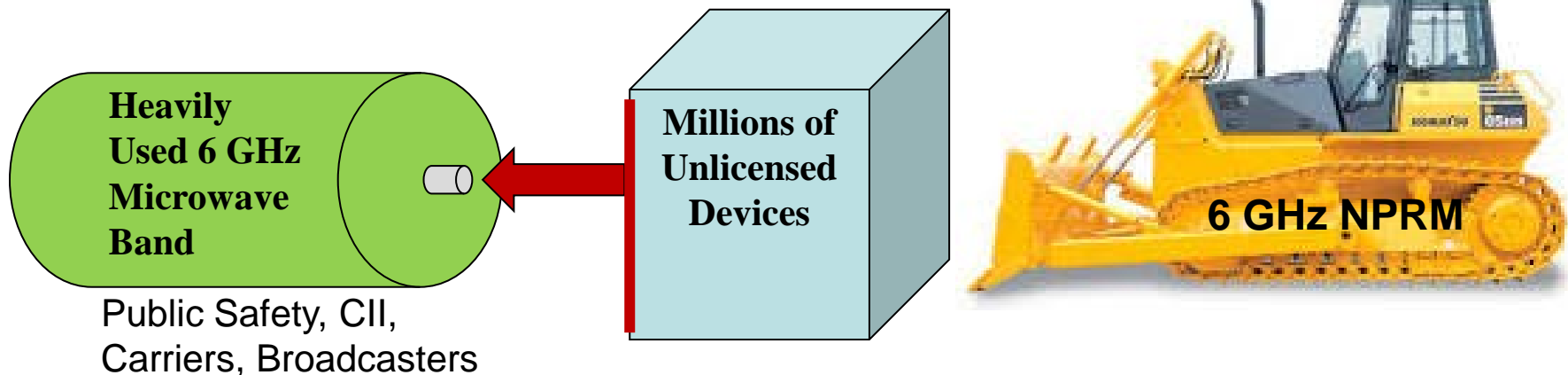
# Committee Update

---

- 6 GHz NPRM – Don Root
- Enforcement
- NPSTC Regulatory Filings – Charlie Sasser

## 6 GHz NPRM

- NPRM proposes to allow unlicensed devices in 6 GHz microwave band by automated spectrum sharing.



- Fortunately, the FCC proposes to protect current and future microwave links in the band.

## 6 GHz NPRM (continued)

---

- Comments due February 15, 2019.
- Reply Comments due March 18, 2019.
- Dave Buchanan volunteer leader for this issue.
- Spectrum Committee held three dedicated calls to gather input for comments
  - November 30
  - December 14
  - January 4
- Plan to provide draft comments to Governing Board by January 25, 2019.
- Anticipate need also to develop reply comments.

# Enforcement

---

- In 2015 NPSTC alerted FCC on growing RF interference problem from energy efficient lighting.
  - March to November, 2018 FCC had 21 settlement agreements and \$850,000 in penalties involving non-compliant LED signs.
- FCC is nearing completion of a new web portal for interference reporting.
  - Interference to public safety gets higher priority treatment.
  - NPSTC helped test the portal in December.
  - Portal expected to go live soon.

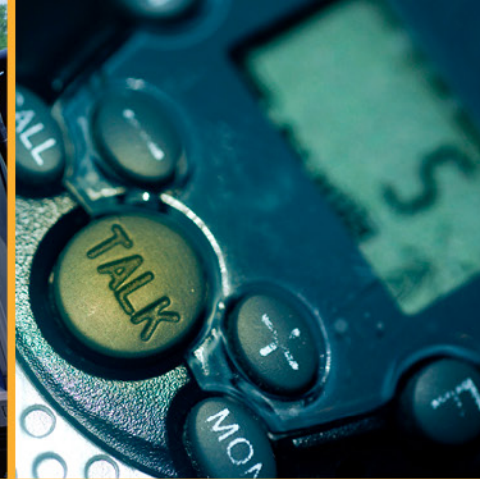


# NPSTC Regulatory Filings for 2018



| Date Filed | Topic                              | Type of Filing    |
|------------|------------------------------------|-------------------|
| 12/10/18   | Kari's Law NPRM                    | Comments          |
| 11/06/18   | Metrom Rail Waiver Request         | Comments          |
| 10/01/18   | Z-Axis Accuracy PN                 | Comments          |
| 9/11/18    | Spectrum Pipeline PN               | Comments          |
| 8/6/18     | 4.9 GHz Sixth FNPRM                | Reply Comments    |
| 7/30/18    | Radwin Petition on 5 GHz Rules     | Comments          |
| 7/6/18     | 4.9 GHz Sixth FNPRM                | Comments          |
| 7/6/18     | Globalstar Petition re Noise Floor | Comments          |
| 6/20/18    | New Technology/Services NPRM       | Reply Comments    |
| 3/12/18    | Medical Device Waiver Request      | Comments          |
| 1/31/18    | TAC Spectrum Policy Rec.           | Comments          |
| Ongoing    | Work on T-Band                     | Coalition Support |





# FirstNet NPSBN Development

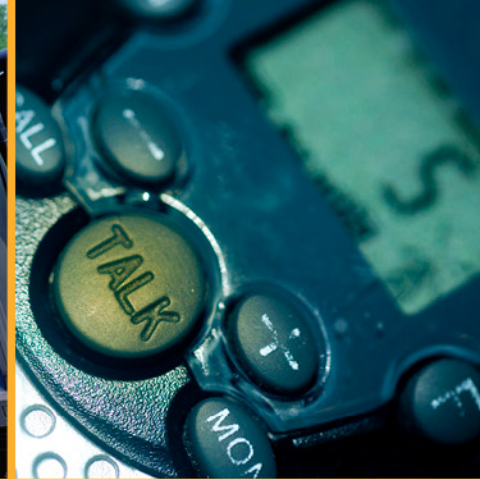
## FirstNet

Paul Patrick, Board Member

## Public Safety Advisory Committee

Todd Early, Committee Chair

The member organizations of the National Public Safety Telecommunications Council are grateful to the Department of Homeland Security's Science and Technology Directorate, Office for Interoperability and Compatibility (OIC) and the National Protection and Programs Directorate, Office of Emergency Communications (OEC) Points of view or opinions expressed are those of the originators and do not necessarily represent the official position or policies of the U.S. Department of Homeland Security.



# Technology and Broadband Committee

**Kim Coleman Madsen, Committee Chair;  
Dr. Michael Britt, Vice Chair**

The member organizations of the National Public Safety Telecommunications Council are grateful to the Department of Homeland Security's Science and Technology Directorate, Office for Interoperability and Compatibility (OIC) and the National Protection and Programs Directorate, Office of Emergency Communications (OEC) Points of view or opinions expressed are those of the originators and do not necessarily represent the official position or policies of the U.S. Department of Homeland Security.



# Technology and Broadband Committee Update

---



- Kim Coleman Madsen, Chair
  - Slow activity during the holiday season.
  - Monitoring developing issues and technology that will impact public safety.
    - Vendor is proposing to send automatic data alerts to the Communications Center when a citizen uses their personal taser.
    - Multi-state Century Link 9-1-1 Outage and loss of network backhaul and disruption of systems (beyond loss of 9-1-1 services)
    - CAD vendors using Smart Watches to display incident data and messaging.

# Technology and Broadband Committee Update

---



- Broadband Emerging Technology Working Group
  - Finalizing schedule of presentations for 2019.
    - Updates from FirstNet, AT&T, 3GPP, PSCR
    - Topical presentations on broadband issues
    - Round Table panel discussions

# Technology and Broadband Committee Update

---



- **Public Safety IoT Working Group**
  - Finalizing Use Case Report
    - Eight use cases exploring how first responders may use IoT devices.
    - Identifies attributes that impact IoT effectiveness for public safety.
  - Starting development of outreach reports for public safety agencies.
  - Produce a report for the Governing Board on PS IoT issues.
  - Presented NPSTC PS IoT work to the FirstNet PSAC in December.

# Technology and Broadband Committee Update

---



- **LMR LTE Integration and Interoperability Working Group**
  - Completed MCPTT Report on User ID's
    - Governing Board approved this report in November.
    - Common Channel Naming Working Group also completed a second report on MCPTT on Talkgroup naming issues.
  - Started a review of MCPTT encryption issues.
    - First call was yesterday.

# Technology and Broadband Committee Update

---



- **UAS Robotics Working Group**
  - Has completed its work.
  - Future issues will be discussed at the Committee level.
  - **Action Needed:** Motion to close this Working Group.



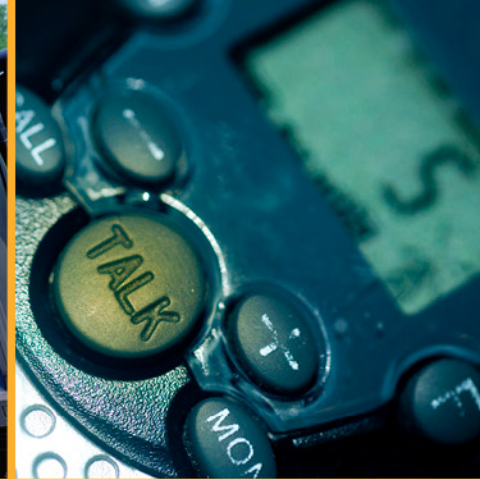
# Technology and Broadband Committee Update

---



- **VTAG**

- Assisted PS IoT Working Group with development of a comprehensive video use case.
- Assisted with the VQiPS Leadership Team meeting in November.
- Sponsoring a Town Hall presentation next week on new capabilities of Datacasting Technology.
  - Includes discussion on Datacasting to support the earthquake early warning system, enhance comprehensive school security planning, and provide major event operations support with video and data.
  - Wednesday, January 17<sup>th</sup> 2:00 to 3:30 PM Eastern
  - Conference Line: 510-227-1018, ID: 446 1830,
  - Screen Share: <https://Join.Me/NPSTCsupport1>
- **Action Needed:** Motion to move Working Group to Monitoring.



# Interoperability Committee Discussion

**John Lenihan, Interoperability Committee Chair**  
**Jason Matthews, Vice Chair**

The member organizations of the National Public Safety Telecommunications Council are grateful to the Department of Homeland Security's Science and Technology Directorate, Office for Interoperability and Compatibility (OIC) and the National Protection and Programs Directorate, Office of Emergency Communications (OEC) Points of view or opinions expressed are those of the originators and do not necessarily represent the official position or policies of the U.S. Department of Homeland Security.

# Interoperability Committee Update



- John Lenihan, Chair
  - Slow activity through the holiday season.
  - Received a presentation from DHS ECD on proposed COMU program changes and enhancements.
  - Planning a presentation on Hurricane Michael to review both LMR and Broadband service disruptions.
  - Monitoring issue of stolen public safety LMR radios that are cloned to work on first responder radio networks.
  - Encouraged participation in a DHS ECD survey on ISSI/CSSI use by public safety.

# Interoperability Committee Update

---



- **Common Channel Naming:**
  - Completed MCPTT Report on Talkgroup Naming.
    - Governing Board approved this report in December.
  - Will be in a monitoring status until next NIFOG update or FCC action.

# Interoperability Committee Update



- **Radio PCR Working Group**

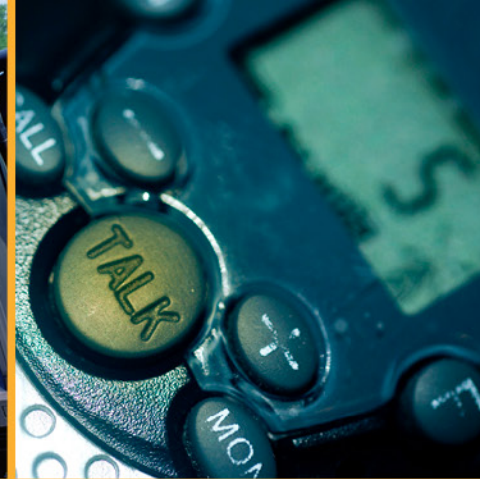
- Shifted from Technology and Broadband Committee to I/O Committee for better alignment.
- Completed work on PAM Tool Version 7.
- Will be in a “monitoring” status until next NIFOG update.

# Interoperability Committee Update



- **EMS Working Group**

- Starting development of workplan for 2019.
- **Action Needed:** Motion to Appoint Kevin McGinnis as Chair to replace Paul Patrick.



## Delegate Update

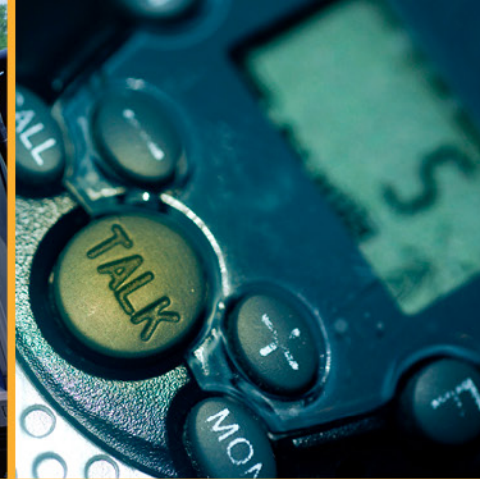
**BDAC'S Disaster Response and Recovery Working Group;  
Eddie Reyes, NPSTC Delegate**

**CSRIC; Charlie Sasser, NPSTC Delegate**

**Alarm Industry Communication Committee; Doug Aiken, NPSTC**

The member organizations of the National Public Safety Telecommunications Council are grateful to the Department of Homeland Security's Science and Technology Directorate, Office for Interoperability and Compatibility (OIC) and the National Protection and Programs Directorate, Office of Emergency Communications (OEC) Points of view or opinions expressed are those of the originators and do not necessarily represent the official position or policies of the U.S. Department of Homeland Security.





## Topical Update

**CTIA; Matt Gerst, Assistant Vice President, Regulatory Affairs**

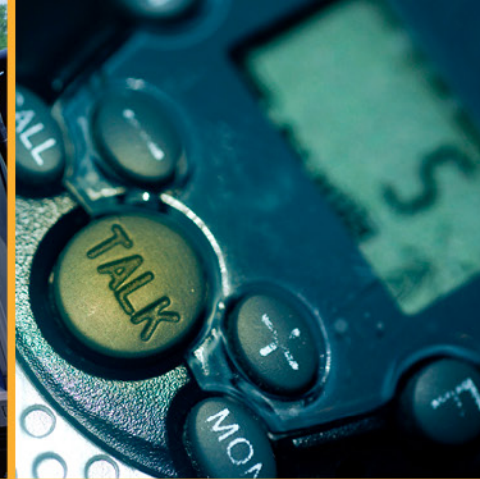
The member organizations of the National Public Safety Telecommunications Council are grateful to the Department of Homeland Security's Science and Technology Directorate, Office for Interoperability and Compatibility (OIC) and the National Protection and Programs Directorate, Office of Emergency Communications (OEC) Points of view or opinions expressed are those of the originators and do not necessarily represent the official position or policies of the U.S. Department of Homeland Security.



# Upcoming Meetings

**March 2019 | via Teleconferernce**

NPSTC is a federation of organizations whose mission is to improve public safety communications and interoperability through collaborative leadership.



# Adjourn | Executive Session Level IV Directly Following Adjournment

## Level IV Attendees

**NPSTC Chair and Vice Chair**

**Committee Chair and Vice Chair**

**Governing Board Representatives and Alternates**

**NPSTC Executive Director and Deputy Director**

**Invited Guests**

The member organizations of the National Public Safety Telecommunications Council are grateful to the Department of Homeland Security's Science and Technology Directorate, Office for Interoperability and Compatibility (OIC) and the National Protection and Programs Directorate, Office of Emergency Communications (OEC) Points of view or opinions expressed are those of the originators and do not necessarily represent the official position or policies of the U.S. Department of Homeland Security.