Governing Board Meeting | May 2018 Teleconference

Wednesday, May 30, 2018

Conference Line: (510) 227-1018 | Conference ID: 192 7086

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

Submit Questions Online
Send email to support@npstc.org

Welcome and Opening

- Ralph Haller, NPSTC Chair
    - Call to Order
    - Roll Call

- Technical Tips
    - Webinar Access Information: https://join.me/NPSTCsupport1
    - Online participants submit questions to 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.

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2

Role Call
Governing Board Organizations

❑ American Association of State Highway Transportation Officials (AASHTO)

❑ American Radio Relay League (ARRL)

❑ Association of Fish & Wildlife Agencies (AFWA)

❑ Association of Public-Safety Communications Officials-International (APCO)

❑ Forestry Conservation Communications Association (FCCA)

❑ International Association of Chiefs of Police (IACP)

❑ International Association of Emergency Managers (IAEM)

❑ International Association of Fire Chiefs (IAFC)

❑ International Municipal Signal Association (IMSA)

❑ National Association of State Chief Information Officers (NASCIO)

❑ National Association of State Emergency Medical Services Officials (NASEMSO)

❑ National Association of State Foresters (NASF)

❑ National Association of State Technology Directors (NASTD)

❑ National Council of Statewide Interoperability Coordinators (NCSWIC)

❑ National Emergency Number Association (NENA)

❑ National Sheriff's Association (NSA)

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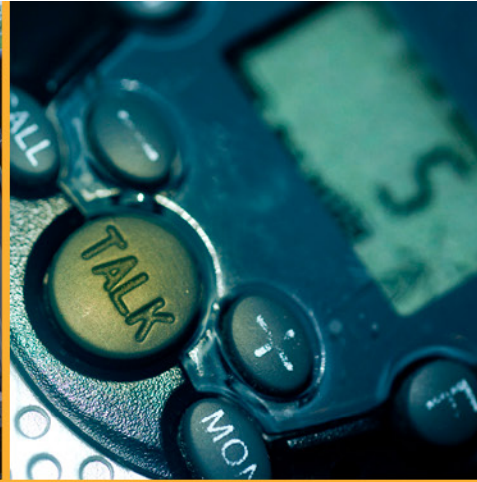
3

Welcome

- ## Associate Organizations
  - Canadian Interoperability Technology Interest Group (CITIG)
  - Utilities Telecom Council (UTC)

- ## Affiliate Organizations
  - Alliance for Telecommunications Industry Solutions (ATIS)
  - Open Mobile Alliance (OMA)
  - Telecommunications Industry Association (TIA)
  - The Critical Communications Association (TCCA)

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Welcome

- Liaison Organizations
  - Federal Communications Commission (FCC)
  - Federal Emergency Management Agency (FEMA)
  - Federal Partnership for Interoperability Communications (FPIC)
  - National Telecommunications and Information Administration (NTIA)
  - Public Safety Communication Europe (PSCE)
  - SAFECOM Program
  - U.S. Department of Homeland Security, Office for Interoperability and Compatibility (OIC)
  - U.S. Department of Homeland Security, Office of Emergency Communications (OEC)
  - U.S. Department of Justice (US DOJ)
  - U.S. Department of the Interior (US DOI)
  - University of Melbourne Center for Disaster Management and Public Safety (CDMPS)

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Federal Partners Update

Department of Homeland Security (DHS), Office of Emergency Communications (OEC) – Ron Hewitt, Director
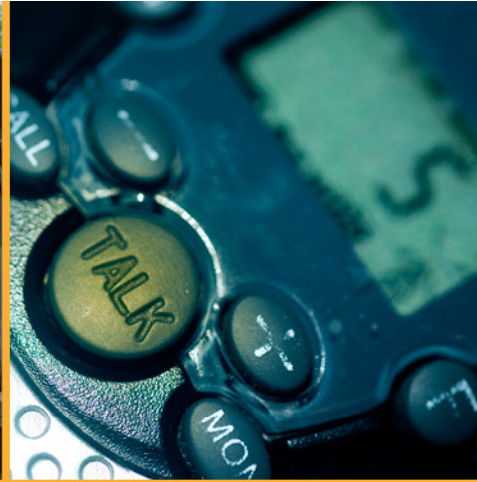
FirstNet NPSBN Development

FirstNet
Kevin McGinnis, FirstNet, Public Safety Board Member

Public Safety Advisory Committee
Paul Patrick, Interim PSAC Chairman

Public Safety Advisory Committee (PSAC) Update

Paul Patrick, Interim PSAC Chair

FirstNet™

Administrative Updates

March 2018 Board Meeting: Little Rock, AR

- Tom Sorley posthumously awarded the Harlin R. McEwen Public Safety Broadband Communications Award
- Paul Patrick named Interim PSAC Executive Committee Chair

New PSAC Executive Committee Members

- Todd Early, NCSWIC
- Brian Howard, NCAI

New PSAC Members

- Major General Arthur Logan, GHSAC
- Dan Henry, NENA
- Blake DeRouchey, NASNA

PSAC Webinar Series

Recent Topics:

- **January**: Location Based Services (LBS)
- **March**: Mission Critical Push to Talk (MCPTT)
- **April**: FirstNet Apps Catalog
- **May**: Subscriber Paid Devices

Tentative Upcoming Topics:

- *June: Network Status Tool*
- *July: Quality of Service, Priority and Preemption (QPP)*
- *August (tentative): Internet of Things (IoT)*

Upcoming PSAC Meetings

In-Person PSAC Meeting:

- When: Monday June 4
- Where: San Diego, CA

PSAC Association Briefing

- When: June (tentative)
- Where: Washington, DC
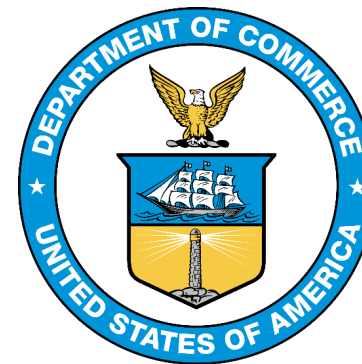
Technology and Broadband Committee

**Kim Coleman Madsen, Committee Chair |
Andy Thiessen, Vice Chair | Dr. Michael Britt, Vice Chair**

Public Safety Communications Research (PSCR)

Dereck Orr,, PSCR Division Chief

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LMR LTE Integration and Interoperability Working Group

Chris Kindelspire, Chair

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LMR LTE Integration and Interoperability Working Group

- Mission Critical Push To Talk (MC PTT)
  - Continuing to examine PTT IDs
  - How should public safety agencies configure the user identity?
  - FirstNet and AT&T staff have explained how PTT ID's are created based on 3GPP standards.
  - The Working Group is currently seeking input on what elements of a first responder identity are important.

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LMR LTE Integration and Interoperability Working Group

- What does public safety need?

  - A **basic identity** is needed for all users, to support day to day operations.

  - **Additional information** may be needed to support identification of first responders who are outside their jurisdiction (e.g. traveling or responding to a mutual aid incident).

  - A dispatcher should be able to immediately see basic identity information, and should have the option to view additional information (if necessary).

    - This is especially important when a first responder is traveling outside their home agency area and activates their Emergency Call Button.

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LMR LTE Integration and Interoperability Working Group

- Survey on PTT ID Elements:

MCPTT ID Elements: Single Responder	(Where a single first responder signs in to use the device)		
MCPTT ID ELEMENT	**EXAMPLE**	**Should this time be considered C = Critical (or) O = Optional**	**COMMENT**
Responder Rank	LT		
Responder First Name	John		
Responder Middle Initial	L		
Responder Last Name	Smith		
Responder ID Number	1803		
Responder Agency Division	Patrol		
Responder Agency Department	King County Sheriff		
Responder Agency City	Seattle		
Responder Agency State	WA		

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LMR LTE Integration and Interoperability Working Group

- Survey on PTT ID Elements for special devices

MCPTT ID Elements: Shared Device	(e.g., An MCPTT radio in a two person patrol car or a base station radio in a fire station)		
MCPTT ID ELEMENT	**EXAMPLE**	**COMMENT**	**FEEDBACK**
MCPTT Device Name	MDC392201	Inventory number of device; which may help an agency determine what it is and where it is.	
MCPTT Device Type	Laptop, Mobile, LEX2100	Model Number, Device class; which may help an agency determine where the device is.	
MCPTT Device Location Type	Vehicle, FireStation	Vehicle based, fixed, mobile; to help distinguish between a mobile and portable radio.	
MCPTT Device Location Name	V1234, Engine 73, Station 73	Vehicle Number, Vehicle Name; base station location; to help identify who is transmitting (e.g. base station radios in fire stations and hospitals)	
Responder Agency Department	King County Sheriff		
Responder Agency City	Seattle	Agency name may not indicate city	
Responder Agency State	WA	Agency state needed to help identify out of area first responders.	

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LMR LTE Integration and Interoperability Working Group

- Next Steps:

  – Create recommendations on what identity elements should be included in an MCPTT ID (name, department, agency, city/county/state).

  – Discuss whether the sequence of the data elements in the MCPTT ID should be standardized (e.g., always first name, last name, division, agency, etc.).

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LMR LTE Integration and Interoperability Working Group

- Determine what unique issues may exist when a first responder is in **Direct Mode**?

- Determine what unique issues exist when a first responder is using MCPTT on **two different devices** at the same time?

  - (e.g., they are logged in as themselves on their in car MCPTT device and their hand held MCPTT device).

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LMR LTE Integration and Interoperability Working Group

- Assess operational considerations for areas that have not signed up for FirstNet service.

    – If a first responder is traveling through a county that does not subscribe to FirstNet service and they need to call for help.

    – If a first responder activates their Emergency Call Button and the PSAP nearest the officer is not using MCPTT; and the next closest PSAP is twenty miles away.

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Public Safety Internet of Things (IoT) Working Group

Barry Fraser, Chair

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Public Safety Internet of Things (PS IoT) Working Group

- Use Cases
  - Completed development and review of use cases involving public safety IoT solutions used during:
    - law enforcement traffic stop.
    - fire department response to a house fire.
    - EMS response to a heart attack.
    - video access during a convenience store robbery.
  - Will be reviewing additional use cases in the coming months:
    - multi-agency emergency response.
    - public safety response to a smart home.
    - public safety response to a smart building.

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Public Safety Internet of Things (PS IoT) Working Group

- Common themes:
  - Reliability of the device and the data.
  - Cost/Benefit analysis.
  - Data interoperability with other devices and systems.
  - How to manage device data (need actionable intelligence vs. raw data).
  - How to assess/plan for the storage required to archive device data.
  - Changes will be needed to daily operational response by most agencies.
  - Authentication of first responders to access remote IoT devices (e.g. in a person's home or in an office building).

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Public Safety Internet of Things (PS IoT) Working Group

- Next Steps:
  - Complete review of the use cases.
  - Assess additional technical factors which impact public safety use of IoT.
  - Create outreach documents educating public safety agencies on important factors to be assessed when starting a PS IoT project.
  - Identify issues for Governing Board awareness and/or possible action.

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Unmanned Aircraft Systems (UAS)/ Robotics Working Group

Dr. Michael Britt, Chair

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UAS/Robotics Working Group

- Completed second report on "Using UAS for Communications Support"
  - Distributed to Governing Board last week for review.
  - Includes outreach report and separate document on spectrum and technology resources.
  - *ACTION NEEDED*: Consideration for approval of report.

- Next Steps:
  - Change focus from UAS to Robotics.
  - Schedule presentations on public safety use of robotic systems.
  - Switch to quarterly meetings.

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Broadband Emerging Technologies Working Group

Kim Coleman Madsen, Chair

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Broadband Emerging Technologies Working Group

- Continued with outreach efforts to highlight technology advances that will impact public safety.

- April Presentation: *Revolution of Wireless 911 Location Technologies*

  - Presented by West Safety Services

  - Reviewed how existing 911 location services provide information to PSAPs and how future services may work.

  - Discussed recent trial with Google Emergency Location Service (ELS).

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Broadband Emerging Technologies Working Group

- May Presentation: *Voice Activated Public Safety Assistants.*

    – Presented by Orion Labs.

    – Reviewed current state of voice activated services that may assist first responders.

    – Discussed a new solution which allows first responders to access their LMR radio or query remote databases.

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Broadband Emerging Technologies Working Group

- Future Presentation: *NSPBN Implementation Issues.*
  - In March, the working group did a policy round table discussion focusing on three topics:
    - selection of applications and sharing application data.
    - data storage considerations for agencies using NPSBN services.
    - coordination of implementation policy at the state, regional and local level.
  - This session was well received and future sessions will be scheduled around NPSBN implementation topics.

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Radio Programming Compatibility Requirements (Radio PCR) Working Group

Dan Robinson, Chair

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Radio PCR Working Group

- PAM Tool Version 7 continues through the QA process.

    – Final decision reached to not include 700 MHz low power itinerant channels until official ANSI standard names are assigned.

    – Work is underway to relock the spreadsheet, conduct a final QA check, and then distribute the updated tool.

    – TIA continues work on the data interchange standard that will allow vendor programming software to import/export interoperability channel information.
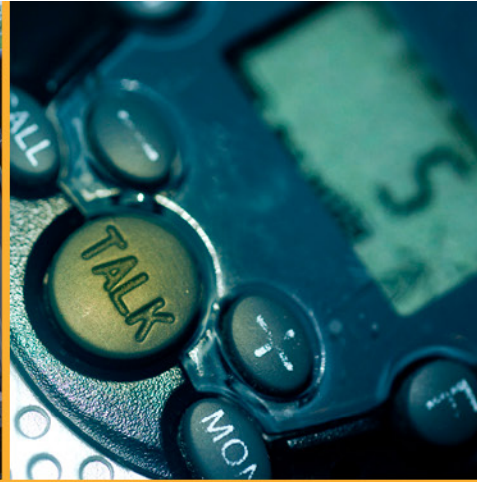
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Video Technology Advisory Working Group

John Contestabile, Chair

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Video Technology Advisory Group (VTAG)

- VTAG Leadership assisted with the DHS Video Quality in Public Safety (VQiPS) Workshop held in Albuquerque, NM on May 9-10.

- Workshop featured 14 sessions on video and video analytic issues impacting public safety, including presentations on policy, governance, program implementation, new technology, and data storage.

- Held a joint conference call with the PS IoT Working Group to discuss video related issues that impact public safety.

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35

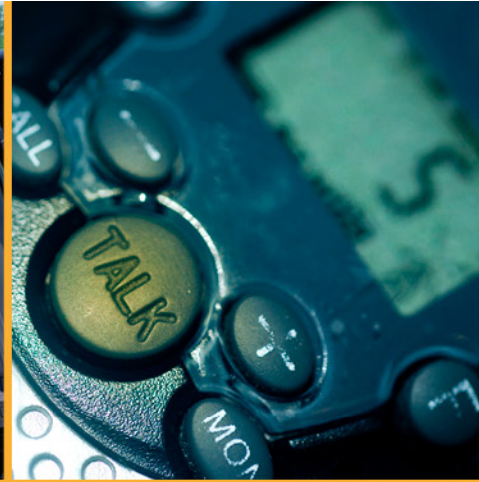# Federal Partners Update (*Continued)*

Federal Communications Commission (FCC)

David Furth, Deputy Bureau Chief

Department of Homeland Security (DHS), Office for Interoperability and Compatibility (OIC)

Sridhar Kowdley, Program Manager

Spectrum Management Committee

Don Root, Chair

Charlie Sasser, Vice Chair

Committee Issue Update

- **4.9 GHz** – Don Root and David Buchanan

- **T-Band Update** – Jim Goldstein

- **Energy-Efficient Lighting Enforcement**- Don Root

- **Federal Communications Commission (FCC) Filings** – Charlie Sasser

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4.9 GHz (4.94-4.99 GHz)

- Sixth Further NPRM issued March 23, 2018.

- Comments due July 6; Reply Comments due Aug. 6.

- Key issue is fate of the band: i.e., maintain for public safety, allow sharing; or reallocate and auction for commercial use.

- The Commission believes the band is underutilized.

- Two Commissioners expressed serious interest in potentially opening 4.9 GHz for licensed or unlicensed commercial use.

- One Commissioner's statement indicates video security and roadway cameras are not critical, time-sensitive uses.

- The Sixth FNPRM also addresses many technical and frequency coordination issues.

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4.9 GHz (4.94-4.99 GHz) - cont'd

- NPSTC 4.9 GHz Working Group has held four calls to discuss positions on multiple policy and technical issues.

- We have requested summary input from public safety departments/agencies on how 4.9 GHz is being used.

- Some input received; we can use more.
  - Please send any info on this to Stu at Soverby@NPSTC.org by June 8.

- Draft of NPSTC comments to Governing Board for review targeted for approximately June 25.

- Anticipate NPSTC Reply Comments may be needed as well.

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T-Band Update

- On February 26, Representatives Eliot Engel introduced the "Don't Break up the T-Band Act" (H.R. 5085) to repeal Section 6103 of P.L. 112-96 that requires public safety spectrum to be auctioned and cleared.
    - Bill has 13 co-sponsors to date.

- This legislation is a follow-up to formation of a T-Band Coalition in December 2017 and meetings with Congressional Members and staff in 2018.

- Additional strategy and support work is ongoing.

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41

Energy-Efficient Lighting Enforcement

Radio Frequency (RF) Interference from Energy-Efficient Lighting

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FINAL REPORT
June 30, 2015

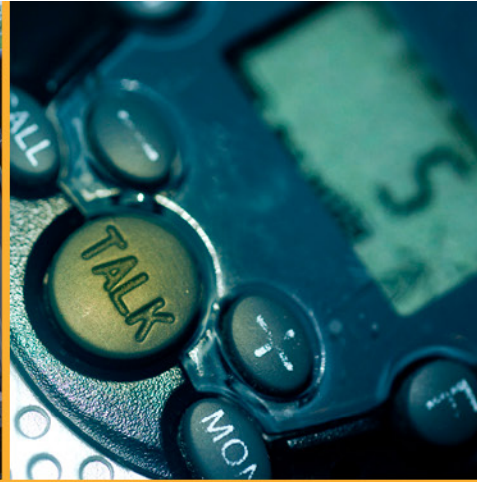National Public Safety Telecommunications Council

2018 FCC Enforcement:

– Liantronics, LLC: Compliance plan and $61,000 penalty.

– Optec Displays: Compliance plan, and $54,000 penalty.

– Vantage LED: Compliance plan, and $15,000 penalty.

– Anthem Displays, LLC: Compliance plan and $18,000 penalty.

– Citation to Lithia Toyota, Grand Forks, ND for Philips lighting devices that caused harmful interference to 700 MHz LTE commercial sites.

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NPSTC Regulatory Filings for 2018

Date Filed	Topic	Type of Filing
8/6/18	4.9 GHz Sixth FNPRM	Reply Comments
7/6/18	4.9 GHz Sixth FNPRM	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	Extensive work on T-Band	Coalition Support

NPSTC Delegate Update

Communications Security, Reliability and Interoperability Council (CSRIC) Work Group

Charlie Sasser, NPSTC Delegate

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CSRIC UPDATE - WG1

- **Transition Path to NG911**
  - *911 System Reliability and Resiliency during the NG911 Transition*: The Working Group will review existing best practices and develop additional guidance regarding overall monitoring, reliability, notifications, and accountability in preventing 911 outages in transitional NG911 environments.
  - *Small Carrier NG911 Transition Considerations*: The Working Group will study and develop recommendations for the CSRIC's consideration on small carrier best practices for managing the transition to NG911.

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CSRIC UPDATE - WG1

- CSRIC Working Group One was divided into two Task Teams due to the large volume of research required to accomplish the objective.

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47

Working Group 1 Task 1 Objective

- Objective
  - ***911 System Reliability and Resiliency during the NG911 Transition.***

- In particular, the Working Group will:
  - **Identify risks** associated with transitional 911 systems that could result in disruptions to 911 service and make recommendations to protect them, including **recommendations for best practices and standards** development

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Working Group 1 Task 1 Objective
continued

- The Working Group will study specific actions that originating service providers, 911 system service providers and other entities in the 911 call chain should take to **detect and deter outage precursors** before 911 calls are delivered to the ESInet gateway. The focus would be on identifying tools that are already available or not burdensome to implement, and on developing a set of **best practices for carriers** and 911 service providers.

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Working Group 1 Task 1 Status

- Research existing best practices *(Completed in January)*

- Draft of baseline technical document *(Completed in March)*
  - Identify Transitional Risks
  - Define Demarc Points and Terminology

- Draft of transitional risks and disruptions (April Completion)

- Research existing service provider detection, reporting and notification tools (April Completion)

Working Group 1 Task 1 Status
Continued

- Draft of best practices regarding overall monitoring, reliability, notifications, and accountability (April Completion)

- Final Report Review (May Completion)

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Working Group 1 Task 2 Objective

- Small Carrier NG911 Transition Considerations

- Considerations include

  - Advice on what **small carriers** operating within a state region need to do to be ready on time to deliver their 911 traffic in an NG911-compatible manner;

  - What **economic disadvantages**, if any, may impede small carriers in implementation of NG911; and

  - What **barriers to implementation**, if any, the FCC should address.

  - The FCC directs CSRIC to recommend a **"NG911 readiness checklist"** for small carriers analogous to the one TFOPA developed for PSAPs.

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Working Group 1 Task 2 Status

- Draft outline developed to initiate discussion on further outline details.
  - Organized members around outline framework.
- Contributions have been, and are being developed for the relevant sections of the outline.

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Next Steps

- Continue detailed work plans for each Task Group which will include, but not limited to:
  - Drafting, Reviewing and Editing of Current Report Contributions
  - Evaluation of 911 Stakeholder Network Monitoring Tools Research Data;
  - Continued Analysis of :
    - Best Practices, gap analysis
    - Development of Best Practices/Recommendation
      - Prior 9-1-1 Outages
- Continue Routine weekly/bi-weekly Task Group conference calls
- Provide periodic status updates to Steering Committee and Council

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Questions?

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National Council on Public Safety UAS|

Dr. Michael Britt, NPSTC Delegate

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National Council on Public Safety UAS

- AUVSI Expo 2018 – Denver, CO - April 30th to May 3rd
  - Inaugural public safety track.
  - 36 sessions over the four day event.
  - They were targeting 100 attendees, but 300 attended.

- The Council is working with the following agencies to promote UAS in public safety and other gov't services.

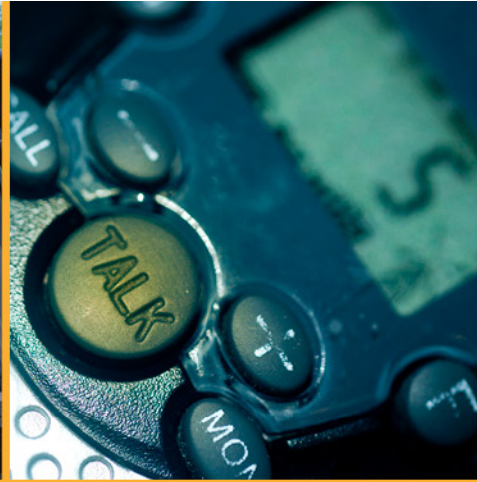|	
Council of State Governments	National Governors Association
National Conference of State Legislatures	National League of Cities
United States Conference of Mayors	National Association of Counties
International City/County Management Association	

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Alarm Industry Communications Committee

Doug Aiken, NPSTC Delegate

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Interoperability Committee

John Lenihan, Interoperability Committee Chair

Jason Matthews, Vice Chair

Interoperability Committee Roadmap

- The Committee and Working Groups are focused on the following issues:

  – Monitoring use of non P25 technologies by public safety agencies.

  – Monitoring the work of the DHS S&T P25 CAP Advisory Panel.

  – Reviewing communications interoperability issues following recent major events.

  – Examining what nationwide interoperable communications will look like on FirstNet.

  – Radio IO Best Practices Working Group completed the consolidation of all Best Practices with the Master Report. The compiled report is titled "Best Practices for Public Safety Interoperable Communications".

Common Channel Naming Working Group

Don Root, Working Group Chair

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Common Channel Naming Working Group

- MCPTT Interoperability Talkgroups
  - Work continues to assess how MCPTT Talkgroups will support nationwide interoperability.
  - There are four types of MCPTT talkgroups that could support interoperability:
    - **Fixed** LTE interoperability talkgroups
      (Permanent talkgroups, programmed into user devices)
    - **Dynamic** LTE interoperability talkgroups
      (These are created at the time of need and exist for a short period)
    - **Fixed** LTE interoperability **Direct Mode** talkgroups
      (Direct mode talkgroups, programmed into user devices)
    - **Dynamic** LTE interoperability **Direct Mode** talkgroups
      (Created at time of need to support ad hoc direct mode traffic)

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Common Channel Naming Working Group

- MCPTT Interoperability Talkgroups
  - The Working Group is seeking feedback on strategies for assignment of names to these interoperability talkgroups.
    - A large list was created at the last meeting.
    - Talkgroup names need to be easy to announce over the radio.
    - Talkgroup names need to be easy to read on a user device.
    - Talkgroup names should help identify their purpose and assignment.

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Common Channel Naming Working Group

- MCPTT Interoperability Talkgroups
    - Goal is to create a set of recommendations that either (1) suggest a high level naming scheme or (2) articulate a set of issues to be resolved before a naming scheme can be recommended. Recommendations will go to the FirstNet PSAC.

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Common Channel Naming Working Group

- 700 MHz Low Power Itinerant Channels – New Issue
  - Identified by the Radio PCR Working Group as a resource for the PAM Tool.
  - These are a collection of nationwide and RPC controlled 700 MHz Low Power channels.
  - Many states have licensed these frequencies for nationwide use and have assigned their own statewide naming scheme.

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Common Channel Naming Working Group

TYPE	ASSIGNMENT	Regional Names In Use			TYPE	P25	FREQ	FREQ
National/ Regional	ALL Low Power Regional	7-LPI1D or 7LPT1D	LPTAC1	7LP01D	SIMPLEX	P25.Analog	769.00625	799.0063
National/ Regional	ALL Low Power Regional	7-LPI2D or 7LPT2D	LPTAC2	7LP02D	SIMPLEX	P25.Analog	769.01875	799.0188
National/ Regional	Fire Primary Low Power	7-LPF3D or 7LPT3D	LPTAC3	7LP03D	SIMPLEX	P25.Analog	769.03125	799.0313
National/ Regional	Fire Primary Low Power	7-LPF4D or 7LPT4D	LPTAC4	7LP04D	SIMPLEX	P25.Analog	769.04875	799.0488
National/ Regional	ALL Low Power Regional	7-LPI5D or 7LPT5D	LPTAC5	7LP05D	SIMPLEX	P25.Analog	774.93125	804.9313
National/ Regional	ALL Low Power Regional	7-LPI6D or 7LPT6D	LPTAC6	7LP06D	SIMPLEX	P25.Analog	774.94375	804.9438
National/ Regional	ALL Low Power Regional	7-LPI7D or 7LPT7D	LPTAC7	7LP07D	SIMPLEX	P25.Analog	774.95625	804.9563
National/ Regional	Fire Primary Low Power	7-LPF8D or 7LPT8D	LPTAC8	7LP08D	SIMPLEX	P25.Analog	774.96875	804.9688
National/ Regional	Fire/Law Primary Low Power	7-LPL9D or 7LPT9D	LPTAC9	7LP09D	SIMPLEX	P25.Analog	774.98125	804.9813
NATIONAL	Low Power National Itinerant	7-NLPI1D or 7NLPT1D	NLPTAC1	7NAT01D	SIMPLEX	P25.Analog	769.05625	799.0563
NATIONAL	Low Power National Itinerant	7-NLPI2D or 7NLPT2D	NLPTAC2	7NAT02D	SIMPLEX	P25.Analog	769.06875	799.0688
NATIONAL	Low Power National Itinerant	7-NLPI3D or 7NLPT3D	NLPTAC3	7NAT03D	SIMPLEX	P25.Analog	774.99375	804.9938

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66

Common Channel Naming Working Group

- 700 MHz Low Power Itinerant Channels
  - A meeting will be organized to bring together the various stakeholders and the RPC's to discuss whether these channels should have an ANSI standardized name assigned.

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67

Emergency Medical Services Working Group

Paul Patrick, Working Group Chair

Emergency Medical Services Working Group

- Continuing to monitor new technologies that will impact delivery of EMS.

  – April panel presentation on "How Technology Is Advancing Life Saving for EMS and Hospitals".

- Working with Alberta Health Service in Canada to study the amount of broadband data that is transmitted from a specialty ambulance to the hospital, when a portable CT scanner is used.

- Reviewing an EMS use case for the PS IoT Working Group to verify the technical accuracy of the document.

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Emergency Medical Services Working Group

- Starting work on a new Outreach Report: "Prehospital Alerting for Time Sensitive Medical Emergencies".

  - Research Study showed that EMS did not pre-alert the Emergency Department in 25% of all stroke patient transports.

  - There are technology, policy, and protocol issues which impact prehospital alerting rates.

  - New types of medical emergencies are now considered time urgent (e.g. patients who may be in septic shock).

  - Working Group will create an outreach report discussing ways agencies can improve their pre-alerting.

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70

Cross Border Working Group

Steve Mallory, Working Group Chair

Presented by John Lenihan

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Cross Border Communications Working Group

- Cross Border 911 Data Sharing Report
  - Information for U.S. PSAPs is complete.
  - Awaiting feedback from Canadian carriers regarding any final changes to the draft report.
  - Starting work on a Cross Border interoperability system report that will examine solutions in use by states and Canadian provinces.

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72

Thank you for attending the NPSTC Governing Board Meeting

Executive Session Level IV immediately following using previously provided call in information.
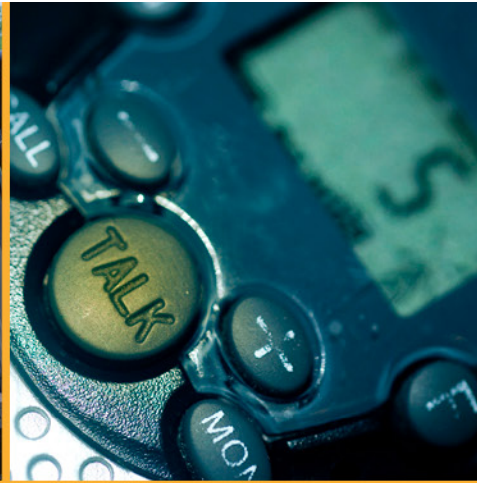
Executive Session Level IV

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and interoperability through collaborative leadership.

Executive Level IV Session

- LEVEL IV
  - NPSTC Chair
  - NPSTC Vice Chairs
  - NPSTC Executive Director
  - NPSTC Deputy Executive Director
  - Committee Chairs
  - Committee Vice Chairs
  - Voting Organization Representatives and Alternates
  - Associate Representatives and Alternates
  - Invited Guests

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75

Adjourn