

# **FirstNet and its Significance to State DOT Operations & Safety Programs**

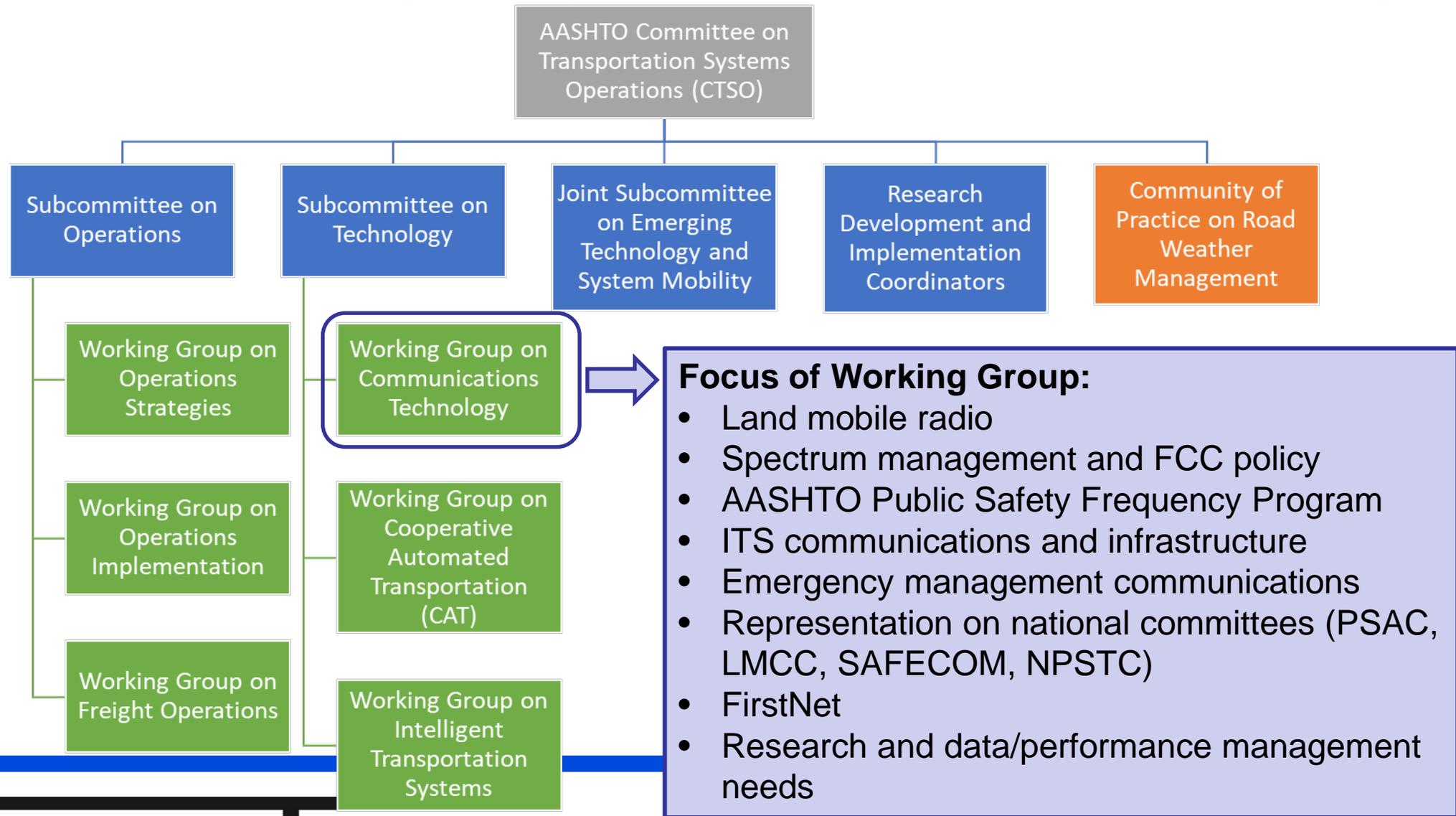
Moderator: Russ Buchholz, NDDOT

Vice Chair of AASTHO Committee on Transportation System Operations

*Hosted by:*

*National Operations Center of Excellence*

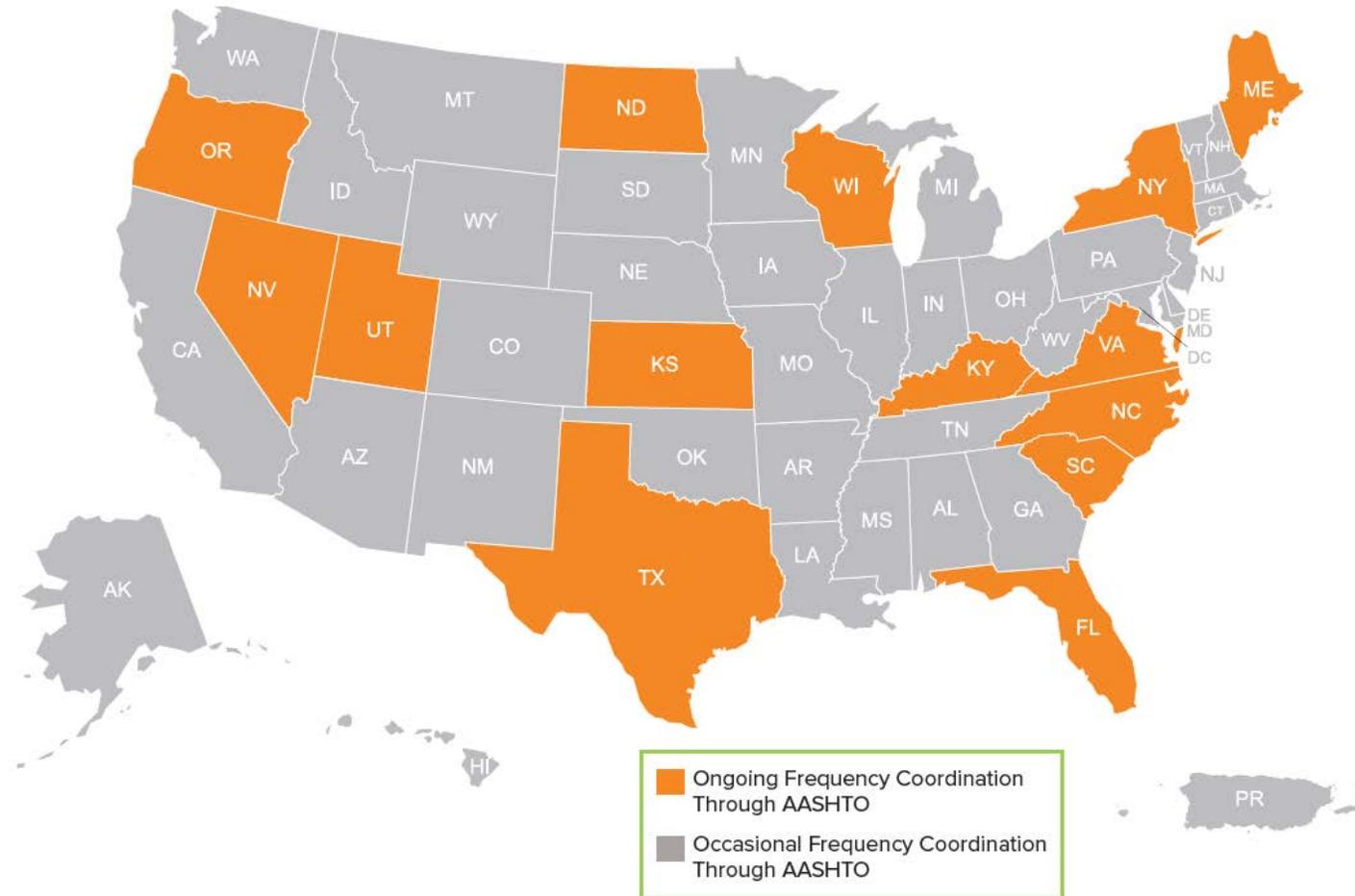
# CTSO - Working Group on Communications Technology



# AASHTO Frequency Coordination Program

- Supported by CTSO Communications WG
- FCC Coordination Services Cover:
  - Land Mobile Radio (LMR)
  - Microwave Radio
  - Dedicated Short Range Communications (DSRC)
  - Frequency Planning and Interference Monitoring

# AASHTO Frequency Coordination Program



# AASHTO Frequency Coordination Program

<https://frequencycoordination.transportation.org/>

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## Frequency Coordination Information

More than 50 years ago, the American Association of State Highway and Transportation Officials (AASHTO)'s Special Committee on Communications was tasked with monitoring technical and regulatory matters related to telecommunications systems utilized by AASHTO members.

In 1986, at the request of the AASHTO Policy Committee, the Federal Communications Commission (FCC) designated AASHTO as the National Frequency Coordinator for the segments of the radio spectrum assigned to the public safety radio service of Highway Maintenance. In 2005, AASHTO's frequency coordination work was contracted to RadioSoft® (a division of LS telcom).

AASHTO brings 40 years of experience in frequency coordination and is the only provider with the transportation-focused background knowledge crucial for the deployment of DSRC-based communications links in **Vehicle to Infrastructure (V2I) Connected-Automated Vehicle (CAV) applications**.

The FCC requires that all applications for radio station or system licenses be approved by the appropriate frequency coordination agency before submission to the FCC. AASHTO coordinates eligible highway maintenance and local government communication system frequency applications.

### Need More Information?

Toll-Free for AASHTO Members: 888-601-FORM (3676); Fax: 888-723-4695

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# Webinar Agenda

## Part A: What is FirstNet?

- ❖ **FirstNet Overview** – Kenzie Capece , FirstNet Authority

## Part B: FirstNet and DOTs

- ❖ **Understanding FirstNet Capabilities** - Ryan Poltermann, Comdex
- ❖ **Leveraging FirstNet Capabilities to Enhance Transportation System Operations**
  - Maryland DOT SHA – Janet Frenkil
  - New Hampshire DOT – Dave Chase

## Part C: Facilitated Q&A

- ❖ Moderated by Ferdinand Milanes, Janet Frenkil, and Russ Buchholz

# Questions and Answers

\* Moderated by Ferdinand Milanes, Janet Frenkil, and Russ Buchholz

*Please enter your questions in the chat box*

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***Thank you for joining this webinar!***