CSMAC Topics for 2019 - 2021

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CSMAC Co-Chairs

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Topic #1 – National Spectrum Strategy Implementation Governance Model

- What should be the U.S. implementation structure or governance model for the National Spectrum Strategy (NSpcS)? Consider whether the United States spectrum management approach is optimized for implementation of a 21st century national spectrum strategy and, if not, whether there is value in establishing a new approach or structure to accomplish this. If so, what are the characteristics of any revised approach or structure?

- Subcommittee Co-Chairs: Jennifer Manner and Mary Brown

Presidential Memorandum on Developing a Sustainable Spectrum Strategy for America's Future

- National Spectrum Strategy will include legislative, regulatory, or other policy recommendations to:
  - Increase spectrum access for all users, including on a shared basis, through transparency of spectrum use and improved cooperation and collaboration between Federal and non-Federal spectrum stakeholder
  - Create flexible models for spectrum management, including standards, incentives, and enforcement mechanisms that promote efficient and effective spectrum use, including flexible-use spectrum licenses, while accounting for critical safety and security concerns
  - Use ongoing research, development, testing, and evaluation to develop advanced technologies, innovative spectrum-utilization methods, and spectrum-sharing tools and techniques that increase spectrum access, efficiency, and effectiveness
  - Build a secure, automated capability to facilitate assessments of spectrum use and expedite coordination of shared access among Federal and non-Federal spectrum stakeholders
  - Improve the global competitiveness of United States terrestrial and space-related industries and augment the mission capabilities of Federal entities through spectrum policies, domestic regulations, and leadership in international forums

Topic #2 – Future Spectrum Requirements of Non-Federal Users

- Explore the feasibility and utility of requesting information about future spectrum requirements and current usage from industry and other non-federal users and, considering that, identify what information is already available (including prior CSMAC reports and recommendations) and recommend possible approaches to obtaining future spectrum requirements and current spectrum usage of non-federal users.

- Subcommittee Co-Chairs: Mark Gibson and Robert Weller

Topic #3 – Interference Prevention, Detection, and Resolution (IPDR)

- How could NTIA's and the FCC's equipment authorization rules be modified to require that all transmitters use a unique identifier? What are the barriers to doing so?

- Subcommittee Co-Chairs: Mariam Sorond and Bryan Tramont

Topic #4 – Unmanned Aircraft (UAS) Spectrum

- What are appropriate models for ensuring timely and secure access to frequencies necessary to support UAS command and control requirements? What governance characteristics are important? Are there liability issues to consider for this function? Is it a 3rd party frequency coordinator model?

- What is the potential need to create an entity that supports and facilitates collaboration across the disparate federal advisory committees for UAS?

- Subcommittee Co-Chairs: Carolyn Kahn and Andy Roy