

Spectrum Efficiency Subcommittee

Bryan Tramont/Jennifer Warren

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Improving Spectrum Efficiency: 2 Questions

1. What additional regulatory, procedural, legislative, or policy actions could be implemented to improve spectrum efficiency without harming effectiveness, including enhanced funding options for the federal agencies? Carolyn Kahn - Lead
2. What practices (technical and otherwise) has industry adopted to optimize its efficiency across disparate networks that might provide useful lessons for NTIA and federal agencies? Bryan Tramont - Lead

Members

Co-chairs: Bryan Tramont and Jennifer Warren

Members: Audrey Allison, Laurie Buckhout, Michael Calabrese, Mark Crosby, Tom Dombrowsky, Carolyn Kahn, Paul Kolodzy, Mark McHenry, Janice Obuchowski, Charla Rath, Rick Reaser, Steve Sharkey

NTIA Liaisons: Giulia McHenry, Ed Drocella

Status

Subcommittee Call (27 April)

- Modified Question 1 for greater clarity.
- Agreed to identify actions (Q1) and tools/best practices (Q2) to help improve spectrum efficiency – not to revisit any definition of efficiency, etc.
- Agreed method to answer both Questions will include outreach and interviews to identify new ideas for discussion.

Background Information

Report of the Spectrum Efficiency Working Group, FCC Spectrum Policy Task Force November 15, 2002

Presidential Memorandum on Spectrum Policy for the 21st Century, January 9, 2004

GAO Report, Spectrum Management – Better Knowledge Needed to Take Advantage of Technologies That May Improve Spectrum Efficiency, May 2004

Report of Working Group 1 – Definitions of Efficiency in Spectrum Use, CSMAC, October 1, 2008

GAO Report, Spectrum Management – NTIA Planning and Processes Need Strengthening to Promote the Efficient Use of Spectrum by Federal Agencies, April 2011

White Paper – Spectrum Efficiency Metrics, FCC TAC, September 25, 2011

Presidential Memorandum -- Expanding America's Leadership in Wireless Innovation, June 14, 2013