

Enforcement Subcommittee Report

**Commerce Spectrum Management
Advisory Committee Meeting
Washington, D.C.
July 10, 2014**

Enforcement Subcommittee Charter

“ ... The purpose of this proposed work would be to help the NTIA develop new or revised strategies for responding more efficiently and effectively to the fundamental technological, operational and other trends that continue to create an increasingly complex interference and enforcement environment ... the CSMAC will coordinate with similar efforts under way in the FCC’s Technical Advisory Committee (TAC) ...”

September 3, 2013

Current Subcommittee Members

Mark Crosby, Co-Chair

Dale Hatfield, Co-Chair

Jennifer Warren

Bryan Tramont

Thomas Dombrowski

Mark McHenry

Dennis Roberson

Janice Obuchowski

Steve Sharkey

David Donovan

New Members are Welcome!

Critical Documents

- Interference Limits Policy – The Use of Harm Claim Thresholds to Improve the Interference Tolerance of Wireless Systems, TAC Report, February 6, 2013
- Initial Activity Report, Enforcement Subcommittee, December 13, 2013
- Critical Questions, Enforcement Subcommittee, February 25, 2014
- Enforcement Subcommittee Report, March 28, 2014
- Introduction to Interference Resolution, Enforcement and Radio Noise, TAC Report, June 10, 2014

Next Steps

Subcommittee Meetings

- Teleconference – 11:00 a.m. EDT, Thursday, July 24
... The five (5) critical questions provided by NTIA (see next slide) will be allocated among the Subcommittee members to prepare draft responses for consideration by the full Subcommittee for further edits, comments and outstanding questions in advance of the Fall CSMAC meeting.

- In Person Meeting – Date and Time TBD (August/September)
... The Subcommittee plans on requesting a meeting with the FCC's Enforcement Bureau to discuss FCC enforcement capabilities generally, but specifically its ability to initiate and pursue enforcement activities in shared Federal/non-Federal government bands.

NTIA Subcommittee Questions

- In a shared spectrum environment involving both federal and non-federal users, what types of sharing criteria would need to be specified in the FCC's *ex ante* regulations, and what can be subject to post-rulemaking/post-auction negotiated coordination agreements or other sharing arrangements?
- How would negotiated coordination agreements or other sharing arrangements be enforced and by whom?
- In a shared spectrum environment where many consumers have widespread access, what additional tools do the FCC and NTIA need to ensure compliance with sharing criteria or arrangements?
- How can service providers, federal users and regulators quickly identify and stop harmful interference as quickly as possible?
- How should NTIA and the FCC identify and rectify harmful interference resulting from an aggregate of operations from multiple co-channel or out-of-band emitters?