



CSMAC RECOMMENDATIONS

Preliminary Assessment

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Summary

- Assessing CSMAC recommendations to identify NTIA actions
- Initial snapshot summarizing selected examples
- Many related actions already initiated
- All recommendations and NTIA actions will be published by the next CSMAC meeting



Spectrum Mgt via Databases

Question

How can sensitive and government classified operations be included and protected using a database-driven sharing approach, particularly one that strives toward real-time responses?

Summarized Recommendations (“NTIA should”)

- 1) Start sharing now using information that is non-sensitive.
- 2) Begin path to implement federal SAS/black box technique to address federal data sharing.
- 3) Be the intermediary between industry and federal government (agencies) to dialogue and investigate mechanisms to ensure data is appropriately classified and not an undue barrier to spectrum sharing.



Spectrum Mgt via Databases

Example NTIA Actions

- 1) Working with the FCC and DOD on a 3.5 GHz SAS; and promoting the establishment of a commercial SAS. (ongoing)
- 2) Assess applicability of web-based coordination of 70/80/90 GHz bands to other bands and systems. (Q2 FY16)
- 3) Collaborate with the agencies, FCC, and industry to determine if a “federal SAS” is required to enhance sharing (initial focus on the 3.5 GHz band). (Q4 FY16).
- 4) Work with the Spectrum Policy Team to, consistent with applicable law, implement policies for sharing of classified, sensitive, or proprietary data [with authorized non-federal parties]. (Q1 FY16)



Bi-Directional Sharing

Questions

- 1) What methods can be used to allow federal agency access of non-federal bands (for large intermittent exercises and emergency use)?
- 2) Would federal users pay for temporary spectrum access?
- 3) Would such access only be available if non-federal licensee does not have a need to operate in the spectrum and location in question?

Summarized Recommendations (“NTIA should”)

- 1) Review NTIA Manual to identify changes to enable secondary access
- 2) Explore regulatory/legislative options to facilitate federal user rights
- 3) Identified various financial approaches



Bi-Directional Sharing

Example NTIA Actions

- 1) Review NTIA Manual to clarify scope of authorities to allow federal users secondary access to non-federal spectrum. (Q1 FY16)
- 2) Establish interagency working group on bi-directional sharing. (Q1 FY15)
- 3) Identify initial “use cases” to assess the potential for near-, mid-, and long-term bi-directional sharing. (Q4 FY15)
- 4) Identify regulatory and/or legislative changes to enable spectrum use rights co-extensive with non-federal licensees. (Q2 FY16)



Government and Industry Collaboration

Questions

- 1) What type of spectrum issues do you recommend NTIA prioritize for enhanced collaboration, to include those requiring sensitive/classified information exchange?
- 2) How can we most effectively leverage existing or merging entities to include CSMAC, PPSG, NASCTN, and CAC to streamline efforts and minimize burden on participating organizations?
- 3) How would you modify the draft framework to most efficiently and effectively achieve the desired collaboration?



Government and Industry Collaboration

Summarized Recommendations (“NTIA should”)

- 1) Assess topics identified for enhanced collaboration.
- 2) Minimize burden by providing overarching view of priorities and coordinating among current or new entities.
- 3) Include FCC and the FCC TAC in the collaboration process.
- 4) Use NTIA framework to guide collaboration efforts.
- 5) Obtain federal and non-federal stakeholder inputs on technical studies.



Government and Industry Collaboration

Example NTIA Actions

- 1) Develop detailed gov/industry collaboration plan (Q2 FY16)
- 2) Leverage PPSG/SWG to prioritize collaboration topics (Q2 FY16)
- 3) Engage industry and government stakeholders on technical studies. (ongoing)
- 4) Establish liaison to FCC/TAC (Q1 FY15)

Way Forward

- Assessment of recommendations in progress
 - Detailed recommendations in subcommittee reports
 - Example NTIA actions may change
 - Analysis of enforcement subcommittee results underway
 - New CSMAC recommendations will be included
- NTIA response to recommendations will be published by the next CSMAC meeting