

CSMAC 5G Subcommittee Recommendations

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Background

- NTIA proposed a “*Draft Strategic Plan for NTIA Engagement with Standardization Development Organizations*”. NTIA asked CSMAC to provide input on the draft NTIA strategy to engage standards development to facilitate spectrum sharing between federal and commercial wireless applications
- Subcommittee has held 13 total meetings on this topic
- Subcommittee previously recommended a mechanism to start an immediate engagement as described below
 - Short term engagement. NTIA should start participation at the SDOs and be involved in the development of the 5G standards as early as possible in order not to miss an opportunity
 - Within this recommendation, NTIA could gather information and coordinate activities based on:
 - Informal engagements and requests to the industry and other stakeholders
 - Periodic spectrum summits with a specific track and standardization
 - Internal coordination across federal agencies
 - Collaboration with NIST
 - CSMAC could provide a mechanism to address specific topics directly related to SDOs which can be addressed in a short term. For example provide initial frameworks or review of work items submitted to standards.
- The next slide outlines the subcommittee’s final recommendation.

Recommendation

- A need to establish a formal and transparent process where NTIA receives input for its SDO engagement was identified by the 5G Subcommittee. There have been several outreach discussions by the subcommittee to identify existing opportunities to establish the formal engagement process:
 - FCC – Initial discussions with indicate that they would be open to an engagement with the NTIA once a formal framework is in place by the NTIA
 - ITS – Several discussions and a presentation to the subcommittee took place with the ITS. ITS is a key expert group who is active within SDOs to implement requirements, they have also been collaborating with the industry through appropriate mechanisms
 - State Department – Productive guidance provided, but no engagement on any formal level has been taken place with them
 - ATIS – a portal for industry and federal agency discussions. The most appropriate group in ATIS is WTSC-RAN, to act as a staging area for sharing issues
- Based on the above discussions, the subcommittee recommends that ITS lead the SDO work and utilizes organizations such as ATIS as a means to collaborate with the industry and other stakeholders (e.g. academia, civil society)

Future Work

- Once and if the 5G subcommittee recommendation is accepted and implemented by the NTIA, then the NTIA document “*Draft Strategic Plan for NTIA Engagement with Standardization Development Organizations*” should be updated by actively engaging ITS. The CSMAC 5G subcommittee could facilitate this update.
- Submit the finalized plan to the FCC and other entities and request feedback on how they could participate in the process to help advance the work led by the NTIA.