IEEE 802 Regulatory Report
and plans for 2022 November plenary

Date: 2022-11-14

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RR-TAG at a glance

- **Membership**
  - 47 voters (including 8 on LMSC)
  - 3 nearly voters
  - 7 aspirants

- **Officers**
  - Chair: Edward Au (Huawei Technologies)
  - Co-Vice Chair: Stuart Kerry (OK-Brit; Self)
  - Co-Vice Chair: Al Petrick (Skyworks Solutions)
  - Secretary: Amelia Andersdotter (Sky Group/Comcast)

- **Ad-hoc chairs**
  - IEEE Statement Update on Spectrum (ISUS): Amelia Andersdotter (Sky Group/Comcast)
  - mmWave (mmW): VACANT

Progress since the July plenary (1)

- **Reviewed the latest ongoing consultations and approved the following six IEEE 802 EC submissions.**

Consultation	DCN
European Commission's Public Consultation on the Draft RSPG Opinion on ITU-R World Radiocommunication Conference 2023	18-22/0077r10
France Arcep's consultation "Preparing for the future of mobile networks"	18-22/0111r7
UK Ofcom's consultation "UK preparations for the World Radiocommunication Conference 2023 (WRC-23)"	18-22/0114r6
Norway Nkom's consultation "Public consultation - proposal for regulations on the amendment of the free use regulations"	18-22/0120r7
IEEE 802 submissions to ITU-R Working Party 5A November 2022 meeting	18-22/0131r8 18-22/0132r4
India TRAI's consultation "Leveraging Artificial Intelligence and Big Data in Telecommunication Sector" (EC approval is yet to be done)	18-22/0119r3

Progress since the July plenary (2)

- **Discussed the latest topics related to spectrum and regulation in Europe, North America, and Asia Pacific.**
    - Update from ETSI BRAN on 1 September 2022 (18-22/0108r0) and 27 October 2022 (18-22/0140r0)

- **Discussed and approved an overview slide deck brought forward from the mmWave ad-hoc (see slide 6 for details).**

Ad-hoc progress since the July plenary (1)

- **IEEE Statement on Spectrum Update (ISUS) ad-hoc**
  - Chair: Amelia Andersdotter
  - Meet at 11:00am ET for an hour every Mondays

- **Charter:**
  - To develop a revised IEEE Standards Association policy statement on the Intelligent Spectrum Allocation and Management (former version: approved on 5 September 2018)

- **Progress**
  - RR-TAG brought forward the recommendation to IEEE 802 LMSC for a discussion on 6 September 2022. There is no immediate conclusion or recommendation from the Standards Committee yet.

Ad-hoc progress since the July plenary (2)

- **mmWave (mmWave) ad-hoc**
    - Chair: VACANT
    - Meet at 3:00pm ET for an hour every Wednesdays

- **Charter:**
    - To study mmWave spectrum bands 45 GHz and 60 GHz to provide insight on global availability and current/projected regulatory status for these bands. The resulting study should be provided to the IEEE 802.11 Ultra High Reliability Study Group (UHR SG) and other 802 WGs to increase their understanding of available mmWave spectrum.

- **Progress**
    - An overview slide deck (11-22/1398r4) is presented to the IEEE 802.11 Ultra High Reliability Study Group in the 2022 September wireless interim.
    - Volunteers assigned to study the spectrum bands of selected countries/regions.

Ad-hoc progress since the July plenary (3)

- **Wireless standards frequency table ad-hoc**
  - Joint ad-hoc with IEEE 802.19
  - Co-Chairs: Steve Shellhammer, Edward Au
  - Meet at 3:00pm ET for an hour the fourth Tuesday every month

- **Charter:**
  - To simplify identification of potential frequency bands for coexistence assessment so that 802 wireless standards developers can quickly and accurately identify all the frequency bands by the family of 802 wireless standards in a regularly maintained database

- **Progress**
  - Approved the updated IEEE 802 Wireless Standards Table of Frequency Ranges ([18-22/0009r1](18-22/0009r1)).

Meeting schedule this week

- **Two meeting slots**
  - Opening:
    - Tuesday AM2, 15 November, 10:30 to 12:30 Bangkok local time
  - Closing:
    - Thursday AM1, 17 November, 08:00 to 10:00 Bangkok local ime

- **Logistics**
  - Agenda: 18-22/0126
  - Meeting info: 18-16/0038 / Google Calendar

Tentative agenda items on Tuesday

- **Progress since the last plenary meeting (2022 July plenary)**
- **Update from ad-hocs**
- **New UWB regulation framework in Europe**
- **Status of ongoing consultations**
    - Internal deadline on 17 November 2022:
        - China MIIT: [Interim Measures for the Radio Management of Civil Unmanned Aircrafts](#)
        - Australia ACMA: [New arrangements for low interference potential devices](#)

Tentative agenda items on Thursday

- **mmWave (mmW) ad-hoc chair confirmation**

- **Response to Australia ACMA's consultation**

- **Discussed the latest topics related to spectrum and regulation in Europe, North America, and Asia Pacific**

Expected motion in the EC closing plenary

- **Consider approval of a submission in response to India TRAI's consultation "Leveraging Artificial Intelligence and Big Data in Telecommunication Sector".**

Tentative EC ballot in late November

- **Consider approval of a submission in response to Australia ACMA's consultation "New arrangements for low interference potential devices".**

802.18 related action item 5.01 (1)

- **Action item among Paul Nikolich, David Law, and Edward Au: Determine the original rationale of the Intelligent Spectrum Allocation and Management position statement. Update will be provided by Nov Plenary.**

802.18 related action item 5.01 (2)

- **Proposed recommendation from IEEE 802 EC to IEEE 802.18:**
  - Regarding the IEEE SA Policy Position statement on Intelligent Spectrum Allocation and Management.(approved on 5 September 2018), IEEE 802 EC understands that the recent development on "intelligent spectrum allocation and management" is taking place outside of the IEEE 802 and therefore, IEEE 802 EC understands IEEE 802.18's recommendation not to prepare a revised position statement.
  - Nevertheless, IEEE 802 EC believes that it is of strategically importance to have an Policy Statement about IEEE 802 wireless technologies, and therefore IEEE 802 EC tasks IEEE 802.18 to prepare a new IEEE SA Policy Position statement that covers the recent development of wireless technologies being standardized in IEEE 802.