

IEEE 802 Regulatory Report and plans for 2023 March plenary

Date: 2023-03-13

Author:

Name	Company	Address	Phone	Email
Edward Au	Huawei Technologies			edward.ks.au@gmail.com

RR-TAG at a glance

- **Membership as of 12 February 2023**
 - 49 voters (including 8 on LMSC)
 - 4 nearly voters
 - 12 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 chair**
 - IEEE Statement Update on Spectrum (ISUS): Amelia Andersdotter (Sky Group/Comcast)

Progress since the November plenary (1)

- Reviewed the [latest ongoing consultations](#) and approved the following IEEE 802 LMSC submissions.

Consultation	DCN
India TRAI's consultation "Leveraging Artificial Intelligence and Big Data in Telecommunication Sector"	18-22/0119r9
Australia ACMA's consultation "New arrangements for low interference potential devices - consultation 35/2022"	18-22/0142r8
Japan MIC's consultation "Request for comments on Japan's positions on the 2023 World Radiocommunication Conference (WRC-23)"	18-22/0152r9
China MIIT's consultation on the "900MHz Frequency Band Radio Frequency Identification (RFID) Equipment Radio Management Regulations (Draft for Comments)" and "Ultra Wideband (UWB) Equipment Radio Management Regulations (Draft for Comments)"	18-23/0014r11
Singapore IMDA's consultation "Public Consultation on Proposed Allocation of 6 GHz Band in Singapore"	18-23/0028r3

Progress since the November plenary (2)

- **Discussed the latest topics related to spectrum and regulation in Europe, North America, and Asia Pacific.**
- **Update from ETSI BRAN on 15 November 2022 ([18-22/0146r0](#)), 15 December 2022 ([18-22/0161r0](#)), 17 January 2023 ([18-23/0010r0](#)), and 16 February 2023 ([18-23/0029r0](#)).**

Ad-hoc progress since the Nov plenary (1)

- **IEEE Statement on Spectrum Update (ISUS) ad-hoc**
 - Chair: Amelia Andersdotter
 - Meet at 12:00pm ET for an hour every Fridays
- **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**
 - A new position statement on 802 wireless ([18-23/0015r15](#)) approved on 16 February 2023.
 - Current status: refer to the next slide

Ad-hoc progress since the Nov plenary (2)

Milestone	Expected timeline
<p>IEEE 802 LMSC considers a motion to approve the position statement</p>	<p>Friday, 17 March 2023 (IEEE 802 EC closing meeting in the IEEE 802 plenary)</p>
<p>IEEE 802 LMSC submits the position to the IEEE SA Public Affairs (PA) team</p>	<p>After the statement is approved by IEEE 802 LMSC</p>
<p>SA PA staff will alert the Global Public Policy Committee (GPPC) and begin the process of sharing it with IEEE stakeholder groups (other standards committees, societies, initiatives) for awareness and input</p>	<p>It is a 2-week process. Exact date to be communicated by the IEEE SA PA staff. As of now, let's presume it is the last two weeks of March 2023.</p>
<p>Inputs received from any IEEE stakeholder groups will be shared with IEEE 802 LMSC for review and possible edits/another possible iteration, as deemed necessary. The SA PA staff will also inform the GPPC that this process was completed and note input incorporated, as needed.</p>	<p>April 2023</p>
<p>The SA PA staff will get the updated draft statement from IEEE 802 LMSC to the IEEE SA Strategic Planning Coordination Committee (SPCC) for its next meeting, where it will be reviewed with a motion for recommendation to the BoG for review/approval at its 3-4 May meeting</p>	<p>28 April, 2023</p>

Ad-hoc progress since the Nov plenary (3)

- **Wireless standards frequency table ad-hoc**
 - Joint ad-hoc with IEEE 802.19
 - Co-Chairs: Steve Shellhammer, Edward Au
 - Future meeting schedule: TBD
- **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**
 - The development on IEEE 802 Wireless Standards Table of Frequency Ranges spreadsheet is completed in December 2022 and available [here](#).

Meeting schedule this week

- **Two meeting slots**
 - Opening:
 - Tuesday AM2, 14 March, 10:30 to 12:30 ET
 - Closing:
 - Thursday AM1, 16 March, 08:00 to 10:00 ET
- **Logistics**
 - Agenda: [18-23/0020](#)
 - Meeting info: [18-16/0038](#) / [Google Calendar](#)

Tentative agenda items on Tuesday

- **Progress since the January interim**
- **Update from ad-hocs**
- **Status of ongoing consultations**
 - EU RSPG: [Questionnaire on the Role of Radio Spectrum Policy to help combat Climate Change](#)
 - Canada RABC: [RSS-247 Issue 3 – DTS FHS and LE-LAN – Draft for consultation](#)
 - European Commission: [The future of the electronic communications sector and its infrastructure](#)
- **Review IEEE 802.15's proposed reply to the liaison statement “Formation of a new ETSI ISG for Terahertz Communications (THZ)”**

Tentative agenda items on Thursday

- **Discuss the latest topics related to spectrum and regulation in Europe, North America, and Asia Pacific**
- **Review and consider approval of the IEEE 802.15's proposed reply to the liaison statement "Formation of a new ETSI ISG for Terahertz Communications (THZ)"**

More on the EU RSPG's consultation

- **There are a couple of questions that ask for (new) technologies for improving energy efficiency**
 - Q11: Which actions is your company / the Members of your association taking to improve the energy efficient use of radio spectrum (e.g. switching to new technologies, advertisements to make energy efficient technologies more attractive, sleep mode for base stations, or other actions)?
 - Q12: What were the triggers for these actions (e.g. legal requirement, economic interests, consumer expectations, competitiveness, etc.)?
- **If there are any IEEE 80 technologies that fall into this scope, and if you would like IEEE 802 LMSC to submit a response to this consultation. please bring a submission to IEEE 802.18 to review and consider approval by 3pm ET, Thursday, 30 March 2023.**

Expected motion in the EC closing plenary

- Consider approval of the draft position statement on IEEE 802 wireless ([18-23/0015r15](#)).