IEEE P802.18  
Radio Regulatory Technical Advisory Group (RR-TAG)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Radio Regulatory Technical Advisory Group Minutes  – May Virtual Interim Session 2022 | | | | |
| Date: 23 May 2022 | | | | |
| Author: | | | | |
| Name | Company | Address | Phone | email |
| Amelia Andersdotter | SkyUK | Belgium |  | amelia.ieee@andersdotter.cc |
|  |  |  |  |  |

Abstract

This document constitutes the minutes of the IEEE 802.18 Technical Advisory Group from the May Virtual Interim Session 2022 (meetings 12 and 19 May 2022 at 15:00ET for 60 minutes).

Chair: Edward Au (Huawei)

Co-Vice-chairs: Stuart Kerry (OK-Brit/Self) and Al Petrick (Skyworks Solutions)

Secretary: Amelia Andersdotter (Sky)

IEEE SA Program Manager: Jodi Hassz (IEEE SA)

* IEEE 802.18, RR-TAG website: <https://www.ieee802.org/18/>

These are the minutes of the first IEEE 802 RR-TAG meeting slot during the May Virtual Interim meeting on Thursday, 12 May 2022.

**Opening plenary**

1. Chair calls the meeting to order at 15:01 ET.

Agenda slide deck [18/22-0044r1](https://mentor.ieee.org/802.18/dcn/22/18-22-0044-01-0000-rr-tag-2022-may-wireless-interim-agenda.pptx)

1. Chair presents administrative items
   1. This meeting is part of the IEEE 802 electronic wireless interim session in 6 May to 19 May 2022.
      * You **must** pay the registration fee in order to attend
      * If you have not already done so, you can register w/MTG Events – Registration website at: <https://touchpoint.eventsair.com/ieee-802-wireless-interim-session-jan-2022>
      * If you do not intend to register for this session you must leave this meeting and, if you have logged attendance on IMAT, please email the 802.18 chair or a vice chair to have your attendance cancelled
      * At conclusion of each of the 802.18 calls, the Webex log and IMAT will be reviewed.
      * No payment, become dead beat and lose voting rights in all groups, after 60-day grace.
   2. Group officers and voting membership
      * Voters: 46 (8 on LMSC)
      * Nearly Voters: 2
      * Aspirant members: 3
      * [802.18 Voters List](https://www.ieee802.org/18/RRTAG_Voters.pdf)
   3. RR-TAG Policies & Procedures [ [802 LMSC WG P&P](https://mentor.ieee.org/802-ec/dcn/21/ec-21-0207-23-0PNP-ieee-802-lmsc-working-group-policies-and-procedures.pdf)]
   4. IEEE 802 meeting and participant’s guidelines and requirements [[link](http://www.ieee802.org/devdocs.shtml)]
   5. IEEE policies and procedures [[link](https://standards.ieee.org/about/policies/opman/)]
   6. **Reminder that IMAT is being used for attendance**
   7. Online meeting procedures reminder
   8. No questions or comments on the above materials from the room.
2. Chair presents the agenda (slide #10). No modification to the agenda proposed.
3. Administrative:
   1. **Motion #1:** To approve the agenda as presented on previous slide

Moved by: Stuart Kery (OK-Brit, Self)

Seconded by: Hassan Yaghoobi (Intel Corporation)

Discussion? None

Vote: Passed with unanimous consent

* 1. **Motion #2:** To approve the meeting minutes of the RR-TAG 2022 March plenary session as shown in the document [18-22/0028r1](https://mentor.ieee.org/802.18/dcn/22/18-22-0028-01-0000-minutes-10-17mar22-rrtag-pleanry-mco.docx), with editorial privilege for the 802.18 Chair.

Moved by: Stephen Palm (BRCM)

Seconded by: Jim Lansford (Qualcomm Technologies)

Discussion? None

Vote: Passed with unanimous consent

1. **2022 May Wireless Interim Chair Opening Report (18-22/0045r0)**Chair presents developments since the March plenary.
2. **Status of ongoing consultations (**[**18-22/0035r12**](https://mentor.ieee.org/802.18/dcn/22/18-22-0035-12-0000-status-of-ongoing-consultations-and-tag-documents-for-approval.docx)**)** contains the status of ongoing consultations.   
     
   Chair presents an update on consultations relating to IEEE 802 work and asks the group if anyone wanted to prepare submission on the doc links.   
     
   No comments or questions received.  
     
   Chair presents a reminder of the internal deadlines to be met by the group to get the proper approval for forwarding a response to a consultation.
3. **General topics.**  
   1. Europe  
        
      [ETSI Seminar](https://www.etsi.org/events/etsi-seminar) is being organized in person at the ETSI HQs on 19 May 2022.   
        
      No updates from BRAN since the last meeting.

No further comments on Europe.

* 1. Americas  
       
     No further comments on Americas (Canada ISED, FCC, etc).
  2. Asia/Pacific  
       
     APT will organise a hybrid event (APG23-4) for WRC-23 preparations in Bangkok/virtual on 15-20 August 2022.  
       
     APT will organise a hybrid event with its 30th Wireless Group in Bangkok/virtual on 5-9 September 2022.  
       
     In addition, APT will organise three webinars which are open to both members and non-members of APT. Link: https://aptwebdialogue.site/ewao   
       
     Vietnam: The latest version of the National Master Plan on Radio Frequency Spectrum, which is effective from 15 February 2022, is recently posted at the MIC’s website. https://www.mic.gov.vn/Pages/VanBan/14773/5\_VBHN-BTTTT.html

1. **Any other business for opening plenary first session?**No other business heard.
2. **Administrative items**Number of attendees today: 29   
   Number of voters in attendance today: 25
3. **Reminder of registration and hotel reservations for July Plenary meeting.**
4. **Recess at 15:47 ET.**

These are the minutes of the second IEEE 802 RR-TAG meeting slot during the May Virtual Interim meeting on Thursday, 19 May 2022. **Closing plenary**

1. **Chair calls the meeting to order at 15:01 ET.**
   1. Chair slide deck: [18-22/0044r3](https://mentor.ieee.org/802.18/dcn/22/18-22-0044-03-0000-rr-tag-2022-may-wireless-interim-agenda.pptx).
   2. Reminder of policies and procedures (see paragraphs 2(i)--2(v) above for links and content).
   3. Reminder of house keeping rules (see paragraphs 2(vi)--2(viii) above)
2. **Agenda review (slide #20)**
   1. No additions to agenda as shown.
3. **Administrative**
   1. **Motion #3:** To approve agenda as shown on previous slide.  
      Moved by: Stuart Kerry  
      Seconded by: Hassan Yaghoobi  
      Discussion? None.  
      Motion adopted by unanimous consent.
4. **Status of ongoing consultations (**[**18-22-0035r14**](https://mentor.ieee.org/802.18/dcn/22/18-22-0035-14-0000-status-of-ongoing-consultations-and-tag-documents-for-approval.docx)**)**Two ongoing FCC consultations.  
   One ongoing Ofcom consultation.  
   Three ongoing Canada RABC consultations.  
     
   No further comments.
5. **General topics**
   1. **Europe**  
      No news since last meeting.
   2. **Americas**Next open meeting of FCC scheduled for 19 May. It's available on Youtube.   
      The technical advisory council (TAC) will meet on 9 June 2022.  
        
      No additional comments.
   3. **Asia/Pacific**Agendas have been set for the upcoming APT meetings (see above, paragraph 7(iii)).  
        
      No additional comments.
   4. **Other regions**
      * India DoT has released new regulations for low power devices in frequency bands 433.05 MHz to 434.79 MHz
      * Japan MIC and Thailand NBTC have signed an MoU to promote cooperation in radio control and satellite/orbit supervision, cyber security, 5G and IoT, consumer protection, human resource development, broadcasting content, and innovative broadcasting and communication.
      * Korea MIST have released a new table of frequency allocation on 10 May.

No additional comments.

* 1. **ITU-R**  
     No news.

1. **Future meetings reminder (slide #28).**Chair presents future meeting reminders and information as contained in slide #28 in the slide deck.

Reminder of the Ad-Hoc frequency table meeting with 802.19 on 24 May 2019.  
  
Discussion:  
  
C: Having an opening and closing plenary makes us lose a lot of time on policies and procedures.  
C: This has been discussed before. It will be difficult to combine with the meeting slots of other WGs and TAGs if we don't organise it this way.

1. **Reminder about IEEE 802 Plenary meeting in July 2022 and IEEE 802 Wireless Interim in September 2022.**  
   1. Registration deadlines and fees for July plenary meeting (early registration rate expire on 20 May 2022).
   2. Links for registration and applicable cancellation policy.
   3. Registration deadlines and fees for September interim meeting (registrations have already opened).
   4. **Discussion:**  
      C: The July plenary session has a lower attendance fee than the September interim meeting because the September interim meeting fee includes lunch.   
      C: I understood the fee is the same for in person and virtual attendees?  
      C: Yes, the fee will be the same but virtual attendees will not get the lunch. In the July plenary session a lunch is not included in the meeting fee.
   5. **Strawpoll #1:** The 2022 July Plenary session is a mixed mode session with the in person meetings being held in Montreal, Quebec, Canada. Will you:  
      Attend in person: 20  
      Attend virtually (remotely): 7  
      Not attend the plenary: 1  
      No answer: 1  
      Total participants: 29
   6. **Strawpoll #2:** The 2022 September Interim session is a mixed mode session with the in person meetings being held in Waikoloa, Hawaii, United States. Will you:  
      Attend in person: 21  
      Attend virtually (remotely): 4  
      Not attend the Interim: 1   
      No answer: 3  
      Total participants: 29
2. **Any other business**
   1. No one raises other issues.
3. **Final administrative items**
   1. 32 participants and 28 voters (including the chair) [Report by Stuart Kerry].
   2. **Next IEEE 802.18 plenary is during the 10-15 July plenary meeting in Montreal, Canada.**
   3. **Next weekly teleconference is Thursday, 26 May 2022 at 15:00 ET.**
      * 1. Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-21-0000-teleconference-call-in-info.pptx>
        2. Currently, weekly teleconferences are scheduled until 22 September 2022.
        3. All late changes/cancellations will be sent out to the 802.18 list server.
        4. Overall IEEE 802 schedule: <http://ieee802.org/802tele_calendar.html> or only 802.18: [IEEE 802.18 TAG Calendar](https://calendar.google.com/calendar/embed?src=c2gedttabtbj4bps23j4847004@group.calendar.google.com&ctz=America%2FNew_York)
   4. Adjourn:

* Any objection to Adjourn? None heard.
* Adjourn at 15:48 ET

**ATTENDANCE (Weekly Meeting Attendance Names and Affiliations):**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Voting Attendees:** | | |  | **12-May** | **19-May** |
| 1 | **Au** | Edward (Kwok Shum) | Huawei Technologies Co., Ltd | **x** | **x** |
| 2 | **Baykas** | Tuncer | Kadir Has University | **x** | **x** |
| 3 | **Boldy** | David | Broadcom Corporation | **x** | **x** |
| 4 | **da Silva** | Claudio | Meta Platforms, Inc. | **x** | **x** |
| 5 | **de Vegt** | Rolf | Qualcomm Incorporated | **x** |  |
| 6 | **Ecclesine** | Peter | Cisco Systems, Inc. |  | **x** |
| 7 | **Hiertz** | Guido | Ericsson GmbH | **x** | **x** |
| 8 | **Ikegami** | Tetsushi | Meiji University | **x** | **x** |
| 9 | **Jeffries** | Timothy | FutureWei Technologies, Inc. | **x** | **x** |
| 10 | **Jones** | Vincent Knowles IV | Qualcomm Incorporated | **x** | **x** |
| 11 | **Kasher** | Assaf | Qualcomm Incorporated |  | **x** |
| 12 | **Kennedy** | Richard | Self | **x** | **x** |
| 13 | **Kenney** | John | TOYOTA InfoTechnology Center U.S.A. | **x** | **x** |
| 14 | **Kerry** | Stuart | OK‐Brit, Self | **x** | **x** |
| 15 | **Kürner** | Thomas | TU Braunschweig | **x** |  |
| 16 | **Lansford** | James | Qualcomm Incorporated | **x** | **x** |
| 17 | **Levy** | Joseph | InterDigital, Inc. | **x** | **x** |
| 18 | **Lynch** | Michael | MJ Lynch & Associates, LLC. |  | **x** |
| 19 | **Palm** | Stephen | Broadcom Corporation | **x** | **x** |
| 20 | **Petrick** | Al | Skyworks Solutions Inc. | **x** | **x** |
| 21 | **Pirhonen** | Riku | NXP Semiconductors | **x** | **x** |
| 22 | **Rolfe** | Benjamin | Blind Creek Associates | **x** | **x** |
| 23 | **Sand** | Stephan | German Aerospace Center (DLR) | **x** | **x** |
| 24 | **Sherlock** | Ian | Texas Instruments | **x** | **x** |
| 25 | **Stanley** | Dorothy | Hewlett Packard Enterprise |  | **x** |
| 26 | **Verso** | Billy | Qorvo | **x** | **x** |
| 27 | **Wang** | Lei | FutureWei Technologies, Inc. | **x** | **x** |
| 28 | **Ward** | Lisa | Rohde & Schwarz | **x** | **x** |
| 29 | **Yaghoobi** | Hassan | Intel Corporation | **x** | **x** |
| 30 | **Yucek** | Tevfik | Qualcomm Incorporated |  | **x** |
|  |  |  |  |  |  |
| **Non-Voting Attendees:** | | |  |  |  |
| 1 | **Andersdotter** | Amelia | Sky UK Group | **x** | **x** |
| 2 | **Eitan** | Alecsander | Qualcomm Incorporated | **x** | **x** |
| 3 | **Fang** | Yonggang | MediaTek | **x** | **x** |
| 4 | **Goto** | Fumihide | Denso | **x** | **x** |