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

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| Radio Regulatory Technical Advisory Group MinutesNovember 2023 Mixed-Mode IEEE 802 Plenary Session |
| Date: December 14, 2023 |
| Author: |
| Name | Company | Address | Phone | email |
| Al Petrick | Skyworks Solutions |  |  | Apetrick123@gmail.com |
| Stuart J Kerry | OK-Brit; Self  |  |  | stuart@ok-brit.com |
|  |  |  |  |  |

Abstract

This document constitutes the minutes of the IEEE 802.18 Radio Regulatory Technical Advisory Group for the November 2023 Mixed Mode IEEE 802 Plenary Session, with on-site participants in Honolulu, HI, and remote participants through Webex. "Local time" in this document means "local time Hawaii Standard Time” (HST) zone.

**C:** means question or comment from participant.

**Chair:** means statement by the chair as chair.
Highlight means action point.

Chair: Edward Au (Huawei)

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

Secretary: VACANT (Open position)

IEEE SA Program Manager: Jodi Hassz (IEEE SA)

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

Chair: Edward Au (Huawei)

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

Secretary: Amelia Andersdotter (Comcast)

IEEE SA Program Manager: Jodi Hassz (IEEE SA)

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

**Opening meeting – November 14, 2023**

1. Opening formalities
2. The chair calls the meeting to order at 10:32AM HST local time. Quorum is asserted.

Agenda slide deck **18/23-0113r2** with supplementary materials in **18/23-0114r2.**
3. Group officers are presented.

Co-Vice Chair: Al Petrick volunteered as secretary for the November 2023 plenary session.

1. This meeting is part of the IEEE 802 wireless mixed mode plenary session located in Hawaiian Village Waikiki Honolulu, HI at the Hilton on November 11 - 17, 2023.
* You **must** pay the registration fee to attend.
* If you have not already done so, you can register w/Face to Face Events – Registration website at:
* **https://web.cvent.com/event/adea36bb-d70a-4157-b7e8-97d554e398cf/summary**
* 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 canceled
* At conclusion of each of the 802.18 calls, the Webex log and IMAT will be reviewed.
* No payment, become deadbeat and lose voting rights in all groups, after 60-day grace.

Stuart Kerry Co-Vice Chair confirmed as of the November 2023 plenary, 802.18 has **zero deadbeats**.

1. Chair presents the agenda. No comments or questions on the agenda.

	* + **Motion #1 (internal):** To approve the agenda as shown in the “RR-TAG Opening” tab of the document **18/23-0113r2**

Moved by: Rich Kennedy

Seconded by: Ian Sherlock

Discussion: None

Vote: Approved with unanimous consent.

1. Voter list update.

Group officers and voting membership (as of September 17, 2023)

Voters: 55 (8 on LMSC)

Nearly Voters: 1

Aspirant members: 12

[802.18 Voters List](https://www.ieee802.org/18/RRTAG_Voters.pdf)

1. **Policies and procedures**

	1. 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)]

IEEE 802 meeting and participant’s guidelines and requirements [[link](http://www.ieee802.org/devdocs.shtml)]

IEEE policies and procedures [[link](https://standards.ieee.org/about/policies/opman/)]

* 1. Reciprocal credit with IEEE 802.11 Working Group (WG) is granted for only the two meeting slots scheduled for IEEE 802.18 as per agreement between the 802.11 and 802.18 chairs.

	The chair asked for any press in the room to announce their presence.
	No response, no comments in WebEx Chat window
	2. **Reminder that IMAT is being used for attendance**

Online meeting procedures reminder

Walk-through of session schedule.

The chair asks the group if there are any questions relating to the IEEE policies.

No response, no comments on WebEx Chat window.

1. **General business**

	1. **Minutes**
* The chair presented the meeting minutes from RR-TAG 2023 September 2023 interim session. No questions or comment.
 **Motion #2 (internal):** To approve the meeting minutes of the RR-TAG 2023 September interim session as shown in the document **18/23-0119r0**, with editorial privilege for the 802.18 Chair.

Moved by: Al Petrick

Seconded by: Stuart Kerry

Discussion: None.

Vote: Approved with unanimous consent.

* 1. **Opening reports**
		+ **Presentation of 802.18 opening report 18/23-0115r1,** Edward Au (Chair)
		+ The chair presented progress since the interim meeting in September 2023.
		+ Chair: Secretary position is vacant; issued a Call for Secretary, any interested member please reach out to 802.18 Chair, Edward Au.
		+ **Update on IEEE Spectrum Statement (ISUS) Ad-hoc**, Edward Au (Chair)

Chair: Currently Ad-Hoc chair vacant. Currently waiting for feedback and comments from IEEE SA on the document.

1. **Old Business**
	1. **Status of Ongoing Consultations** - tracking document **18/22-0035**

	Chair presented ongoing consultations and deadlines to the group, for India TRAI and US FCC 6 GHz band.
	2. **General Discussion Items** document **18/22-0114**

The chair presented updates on EU/European Commission consultation publication dates and US FCC date for the next open commission meeting and release of US release of National Spectrum Strategy document. For more information see details in document **18/22-0114.**

Chair asked the group for updates on EU, UK Ofcom, Americas, and Asia Pacific regions.
No response from the group.

1. **New business**
	1. **Maintenance of voting rights**

Chair updates the group on a recent discussion in IEEE 802 LMSC, regarding requiring at least some of the plenary or interim meetings used to gain and maintain voting rights be an in-person attendance when hybrid meetings are being held.

* 1. **Direct Vote Live (DVL)**

Chair updates the group on the DVL (an IEEE SA voting tool). Our SA Program Manager is soliciting feedback on the use of DVL for motions.
For more information on comment deadline dates and DVL trial dates, refer to document **18/22-0114.**

The chair informed the group, officer (Chair, Vice-Chair(s), and Secretary) elections for 802.18 will take place during the March 2024 plenary.

1. **Recess at 12:30 PM HST local time (until Thursday AM 1, November 16, 2023)**

**Closing meeting – November 16, 2023**

1. **Opening formalities**
	1. Chair calls meeting to order at 08:00AM HST local time. Quorum is declared.Agenda slide deck **18/23-0113r2** with supplementary materials in **18/23-0114r4**.
	2. Officer introduction.
	3. Reminder of registration fee was presented.
	4. Agenda review (see presentation slide 6).

* **Motion #3 (internal):** To approve the agenda as shown in the “RR-TAG Closing” tab of the document **18/23-0113r2.**

Moved by: Rich Kennedy

Seconded by: Stuart Kerry

Discussion: None

Vote: Approved with unanimous consent

1. **Policies and procedures**
	1. IEEE 802 required notices
		* Declaration of affiliation
		* Anti-trust notices
		* IEEE 802 WG policies and procedures
	2. Guidelines for IEEE SA meetings were introduced.
		* Reminder to object when inappropriate topics are discussed.
		* IEEE 802 Code of Conduct and Code of Ethics were introduced.
		* Reminder of the IEEE SA individual process applied in IEEE 802 Committee.
		* Reminder of IEEE SA board bylaws specifying fair and equitable consideration of all viewpoints.

Chair asks for comments, questions, or concerns.

None reported.

* 1. Reminder of housekeeping and meeting decorum.

1. **New Business**
	1. **Members enrichment activities**

Invited presentation:
A Look Inside the U.S. Federal Communications Commission presentation by Tim Jeffries (Futurewei Technologies) document: **18/23-0128.** Chair opens discussion for questions and comments on presentation.

Comment: Excellent overview of the FCC structure and operation, see doc: **18/23-0128** for details.

1. **Closing formalities**
	1. **Future meetings.**Chair refers to slides 54 and 55 of doc: **18/23-0114r4** for details on weekly conference calls and January 2024 interim.
* **Motion #4 (internal):** The 802.18 Chair or Chair designee is directed to conduct, as necessary, the following weekly teleconference calls through 21 March 2024
* RR-TAG calls on Thursdays at 15:00 ET for 55 mins.

Moved by: Al Petrick

Seconded by: Guido Hiertz

Discussion: None

Vote: Approved with unanimous consent

1. **Any other business**
	1. None

A reminder to register and log in to IMAT.

Chair: Any objection to Adjourn? None heard.

**Adjourn at 10:01 AM HST local time.**

1. **Final administrative items**

**ATTENDANCE (Interim Attendance Names and Affiliations):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Attendees** | **Voters** | **Non-Voters** | **Audited & Reported By** |
| **14-Nov** | 47 | 32 | 15 | Stuart Kerry |
| **16-Nov** | 44 | 30 | 14 | Stuart Kerry |

|  |  |  |  |
| --- | --- | --- | --- |
| **Voting Attendees:** | **14-Nov** | **16-Nov** | **Credit >75%** |
| 1 | **Asai** | Yusuke | NTT ASLabs | **x** | **x** | **TRUE** |
| 2 | **Au** | Edward (Kwok Shum) | Huawei Technologies Co., Ltd | **x** | **x** | **TRUE** |
| 3 | **Baykas** | Tuncer | Ofinno | **x** |  | **FALSE** |
| 4 | **da Silva** | Claudio | Meta Platforms, Inc. | **x** | **x** | **TRUE** |
| 5 | **Eitan** | Alecsander | Qualcomm Incorporated | **x** | **x** | **TRUE** |
| 6 | **Fang** | Yonggang | MediaTek Inc. | **x** | **x** | **TRUE** |
| 7 | **Godfrey** | Tim | Electric Power Research Institute, Inc. (EPRI) | **x** | **x** | **TRUE** |
| 8 | **Halasz** | Dave | Morse Micro | **x** | **x** | **TRUE** |
| 9 | **Hiertz** | Guido | Ericsson GmbH | **x** | **x** | **TRUE** |
| 10 | **Jeffries** | Timothy | FutureWei Technologies, Inc. | **x** | **x** | **TRUE** |
| 11 | **Kain** | Carl | USDOT, Noblis, Inc. | **x** | **x** | **TRUE** |
| 12 | **Kasher** | Assaf | Qualcomm Incorporated | **x** | **x** | **TRUE** |
| 13 | **Kennedy** | Richard | Bluetooth SIG; Self | **x** | **x** | **TRUE** |
| 14 | **Kenney** | John | TOYOTA InfoTechnology Center U.S.A. | **x** | **x** | **TRUE** |
| 15 | **Kerry** | Stuart | OK‐Brit, Self | **x** | **x** | **TRUE** |
| 16 | **Kitazawa** | Shoichi | Muroran Institute of Technology | **x** | **x** | **TRUE** |
| 17 | **Lansford** | James | FaraFir Consulting | **x** | **x** | **TRUE** |
| 18 | **Levy** | Joseph | InterDigital, Inc. | **x** | **x** | **TRUE** |
| 19 | **Max** | Sebastian | Ericsson AB | **x** | **x** | **TRUE** |
| 20 | **Nikolich** | Paul | Self | **x** |  | **FALSE** |
| 21 | **Petrick** | Al | Skyworks Solutions Inc. | **x** | **x** | **TRUE** |
| 22 | **Pettersson** | Charlie | Ericsson AB | **x** | **x** | **TRUE** |
| 23 | **Pirhonen** | Riku | NXP Semiconductors | **x** | **x** | **TRUE** |
| 24 | **Porat** | Ron | Broadcom Corporation | **x** | **x** | **TRUE** |
| 25 | **Robert** | Joerg | TU-Ilmenau/Fraunhofer IIS | **x** | **x** | **TRUE** |
| 26 | **Sand** | Stephan | German Aerospace Center (DLR) | **x** | **x** | **TRUE** |
| 27 | **Sato** | Naotaka | Sony Group Corporation | **x** | **x** | **TRUE** |
| 28 | **Shen** | Andy | FutureWei Technologies, Inc. | **x** | **x** | **TRUE** |
| 29 | **Sherlock** | Ian | Texas Instruments | **x** | **x** | **TRUE** |
| 30 | **Verso** | Billy | Qorvo | **x** |  | **FALSE** |
| 31 | **Wang** | Lei | FutureWei Technologies, Inc. | **x** | **x** | **TRUE** |
| 32 | **Yaghoobi** | Hassan | Intel Corporation |  | **x** | **FALSE** |
| 33 | **Yu** | Ross (Jian) | Huawei Technologies Co., Ltd | **x** | **x** | **TRUE** |
|  |  |  |  |  |  |  |
| **Non-Voting Attendees:** | **14-Nov** | **16-Nov** | **Credit >75%** |
| 1 | **Azizi** | Shahrnaz | Intel Corporation |  | **x** | **FALSE** |
| 2 | **Cui** | Yaoshen | TP-Link | **x** |  | **FALSE** |
| 3 | **Emmelmann** | Marc | Self | **x** | **x** | **TRUE** |
| 4 | **Gruber** | Josef | Infineon Technologies | **x** |  | **FALSE** |
| 5 | **Haasz** | Jodi | IEEE SA | **x** |  | **FALSE** |
| 6 | **Hsiao** | Zack (Ching-Wen) | MediaTek | **x** |  | **FALSE** |
| 7 | **Kishida** | Akira | Nippon Telegraph and Telephone Corporation (NTT) |  | **x** | **FALSE** |
| 8 | **Lalam** | Massinissa | Sagemcom Broadband SAS | **x** | **x** | **TRUE** |
| 9 | **Nagai** | Yukimasa | Mitsubishi Electric Corporation | **x** | **x** | **TRUE** |
| 10 | **Neirynck** | Dries | Ultra Radio Ltd | **x** | **x** | **TRUE** |
| 11 | **Patel** | Tushar | Litepoint | **x** |  | **FALSE** |
| 12 | **Patwardhan** | Gaurav | Hewlett Packard Enterprise | **x** | **x** | **TRUE** |
| 13 | **Petranovich** | James | ViaSat, Inc. | **x** | **x** | **TRUE** |
| 14 | **Rison** | Mark | Samsung |  | **x** | **FALSE** |
| 15 | **Rolfe** | Benjamin | Blind Creek Associates | **x** |  | **FALSE** |
| 16 | **Sarris** | Ioannis | Adveos | **x** | **x** | **TRUE** |
| 17 | **Serafimovski** | Nikola | pureLiFi |  | **x** | **FALSE** |
| 18 | **Takai** | Mineo | Space-Time Engineering | **x** | **x** | **TRUE** |
| 19 | **Yang** | Steve TS | MediaTek | **x** | **x** | **TRUE** |
| 20 | **Zhou** | Richard (Yujia) | Google |  | **x** | **FALSE** |

**End.**