IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 4 April 2022 |
| Name | Affiliation | Address | Email |
|  |  |  |  |
| Author |
| Amelia Andersdotter | Sky | Brussels, Belgium | amelia.ieee@andersdotter.cc |

Chair Edward Au (Huawei)

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

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

These are the Minutes of the IEEE 802 RR-TAG teleconference Thursday, 31 March 2022

1. Chair calls the meeting to order at 15:02 ET

Agenda slide deck [802.18-22-0038r0](https://mentor.ieee.org/802.18/dcn/22/18-22-0038-00-0000-rr-tag-agenda-march-31-2022.pptx)

1. Chair presents administrative items
	1. Group officers and voting membership
		* Chair: Edward Au (Huawei)
		* Co-vice-chairs: Stuart Kerry (OK-Brit/Self), Al Petrick (Skyworks Solutions)
		* Acting recording secretary (temporary): Amelia Andersdotter (Sky)
	2. IEEE 802 meeting and participant’s guidelines and requirements
	3. IEEE policies and procedures
	4. Reminder that IMAT is not being used for attendance
2. Chair presents the agenda (slide #9):
3. Administrative:

	1. **Motion #1:** To approve the agenda as presented on previous slide

Moved by: Stuart Kerry (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 24 March 2022, RR-TAG call as shown in the document [22-0039r0](https://mentor.ieee.org/802.18/dcn/22/18-22-0026-00-0000-minutes-03mar22-rrtag-teleconference.docx), with editorial privilege for the 802.18 Chair.

Moved by: Al Petrick (Skyworks Solutions)

Seconded by: Jay Halcomb (Itron)

Discussion?

Q: On the ISO issue, I think I did raise that there is a newer version and that we should lift that in. I would like that to be mentioned.
Q: You mean that IEEE-802.11-2020 that is ISO-approved?
A: Yes.
A: These minutes are probably fine, because we didn't have an answer at the time of the meeting. Once the 2020 document is approved by ISO as 8802, then we can update the document. But what are the options just for now? That we put it in square brackets for now? I know that the ITU really doesn't like draft documents.
A: Maybe because these are just the minutes we can jump to this topic when we talk about the ITU-R topics later in the agenda.
Q: Is there a preference for American English spelling or British English spelling?
A: We can check with the IEEE style manuals if there is guidance on this, or as the IEEE staffer.

Vote: Passed with unanimous consent

* 1. Call for RR-TAG Secretary

	Call was closed 30 March. Currently only one self-nomination. Amelia Andersdotter (Sky UK) is appointed secretary.

	Chair thanks Peter Ecclesine (Cisco) for all his informal previous work with note-keeping and helping in ensuring that minutes were posted. Participants acknowledged Peter's big contributions to the group's work.
1. **Presentations on proposed viewpoints for the EC.**
	1. **Document** [**18-22-0032r2**](https://mentor.ieee.org/802.18/dcn/22/18-22-0032-01-0000-proposed-modifications-to-itu-r-m-1450-5.docx) with modifications to ITU-R M.1450-5 based on WP 5A working document towards a preliminary draft revision of Recommendation ITU-R M.1450-5 (Annex 15 to Doc. 5A/491). Document contains output of work in ITU AHG at IEEE 802.11.

	Since last presentation the introduction to IEEE has been updated based on comments.

	Discussion:
	**C:** We should probably go over the ISO reference issue again. Do we want to update the reference of 802.11-2016 to 802.11-2020, given that we know that it will probably be approved in June, or fairly soon. We may want to update this even real time during the working party 5A, because that can be done.
	**C:** The statement currently in the document is correct, because the 802.11-2016 is the most current version of the 802.11 standard which has been harmonised with ISO. The 802.11-2020 is in the process of being harmonised with ISO and that ballot will close on June 13th.
	**C:** So that will be after the working group meeting. But I think ITU here will prefer to have adopted documents rather than draft documents, so is the recommendation then to continue to use 802.11-2016?
	**C:** We could mention that IEEE 802.11-2020 is being harmonised with ISO/IEC at the moment, but personally I would just leave this as is. The ITU process will anyway go on. We could also add a note on 11-2016, just to mention that the harmonisation process is ongoing.
	**C:** We do have information from ETSI BRAN that it's good if we keep our inputs up-to-date, so that people who are mostly in ITU-R get that latest information.
	2. **Document** [**18-22-0033r2**](https://mentor.ieee.org/802.18/dcn/22/18-22-0033-01-0000-proposed-modifications-to-itu-r-m-1801-2.docx) with modifications to ITU-R M.1801-2 based on WP 5A working document towards a preliminary draft revision of Recommendation ITU-R M.1801-2 (Annex 16 to Doc. 5A/491) Document contains output of work in ITU AHG at IEEE 802.11.

	Since last presentation the introduction to IEEE has been updated based on comments.

	**Discussion:**
	None.
	3. **Motion #3:** Move to approve documents 22/0032r3 and 22/0033r2 for ITU-R M.1450-5 and ITU-R M.1801-2 updated edits, respectively, for review and approval by the IEEE LSMC (802 EC) for submission to the ITU-R Working Party 5A via ITU-R liaison before the contribution deadline for the Working Party 5A’s next meeting. The IEEE 802.18 Chair is authorized to make editorial changes as necessary.

	Moved: Hassan Yaghoobi (Intel Corporation)
	Seconded: Rich Kennedy (Bluetooth SIG)
	Attendees: 22
	Voters: 19 (chair will not vote)
	Result: 18Y/0N/A0

	Motion passes.
2. **General topics.**

	1. So there's going to be a presentation by a director from Ofcom, who is their main-IMT guy and this will have bearing on the upper 6GHz bands.
3. **Reminder about Wireless interim meeting in May 2022.**

	1. Registration deadlines and fees. Links for registration and applicable cancellation policy.
4. **802.18 and 802.19 Frequency ad-hoc**
	1. Reminder about comment collection for frequency table. Next joint call on 26 April 2022.
5. Ongoing consultations

	1. Chair has presented an overview of ongoing consultations worldwide and where .18 has ongoing work. The overview is contained in 802.18-22-0035r3.
	2. On the FCC court order we don't have a deadline at this time, since we are expecting the agenda for the next FCC meeting only on 1 April, that is tomorrow.
6. **General topics**

	1. BRAN: We have a positive item to report.

	The European Commission has decided to list [EN 302 567](https://www.etsi.org/deliver/etsi_en/302500_302599/302567/02.01.01_60/en_302567v020101p.pdf), the now harmonised standard for 60GHz multigigabit systems [in the Official Journal of the EU](https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32022D0498&qid=1648758163758). Manufacturers can now use this standard for self-assessments of their products and place them on the EU markets without visiting an approved laboratory.

	[EN 302 502](https://www.etsi.org/deliver/etsi_en/302500_302599/302502/02.01.03_20/en_302502v020103a.pdf) (6GHz) is also going into the European norms approval prodecure (ENAP).

	EN 301 893 (5GHz RLAN) and [EN 301 598](https://www.etsi.org/deliver/etsi_en/301500_301599/301598/02.02.01_60/en_301598v020201p.pdf) (TV white space) passed ENAP so they are published by ETSI and are waiting for publication in the OJ. Unfortunately publication can be delayed by as much as 3 years.

	EN 103 754 Mesh access point performance testing specification is also on the way, it will be published by 4th April or so. It's a TS so it doesn't need to go through an ENAP.

	BRAN will be meeting in June face-to-face with an opportunity to call in, as no consensus could be found on organising a fully virtual meeting.
7. **AOB?**
8. 22 participants and 19 voters.
	1. **Next “weekly” teleconference: 7 April 2022**
		1. Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-20-0000-teleconference-call-in-info.pptx>
		2. Currently, weekly teleconferences are scheduled until 19 May 2022.
		3. All late changes/cancellations will be sent out to the 802.18 list server.
	2. Overall IEEE 802 schedule: <http://ieee802.org/802tele_calendar.html>
		1. 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)
	3. Adjourn:
		1. Any objection to Adjourn.
		2. None heard.
		3. Adjourn at 15:59 ET

ATTENDANCE

1. **Weekly Meeting Attendance Names and Affiliations:**

|  |  |  |  |
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| **Voting Attendees:** |  |  | **31-Mar** |
| 1 | **Au** | Edward (Kwok Shum) | Huawei Technologies Co., Ltd | **x** |
| 2 | **Boldy** | David | Broadcom Corporation | **x** |
| 3 | **da Silva** | Claudio | Meta Platforms, Inc. | **x** |
| 4 | **Ecclesine** | Peter | Cisco Systems, Inc. | **x** |
| 5 | **Hiertz** | Guido | Ericsson GmbH | **x** |
| 6 | **Holcomb** | Jay | Itron Inc. | **x** |
| 7 | **Jeffries** | Timothy | FutureWei Technologies, Inc. | **x** |
| 8 | **Kain** | Carl | USDOT, Noblis, Inc. | **x** |
| 9 | **Kennedy** | Richard | Bluetooth SIG | **x** |
| 10 | **Kenney** | John | TOYOTA InfoTechnology Center U.S.A. | **x** |
| 11 | **Kerry** | Stuart | OK‐Brit, Self | **x** |
| 12 | **Levy** | Joseph | InterDigital, Inc. | **x** |
| 13 | **Lynch** | Michael | MJ Lynch & Associates, LLC. | **x** |
| 14 | **Nikolich** | Paul | Self, HPE, Huawei, Wyebot, UNH BCoE, YAS BBV, Origin Wireless  | **x** |
| 15 | **Petrick** | Al | Skyworks Solutions Inc. | **x** |
| 16 | **Pirhonen** | Riku | NXP Semiconductors | **x** |
| 17 | **Stanley** | Dorothy | Hewlett Packard Enterprise | **x** |
| 18 | **Ward** | Lisa | Rohde & Schwarz | **x** |
| 19 | **Yaghoobi** | Hassan | Intel Corporation | **x** |
|  |  |  |  |  |
| **Non-Voting Attendees:** |  |  |
| 1 | **Andersdotter** | Amelia | Sky UK Group | **x** |
| 2 | **Fang** | Yonggang | MediaTek | **x** |
| 3 | **Haasz** | Jodi | IEEE SA | **x** |