IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 28 March 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, 24 March 2022

1. Meeting was jointly chaired by Stuart Kerry and Al Petrick.
2. Chair calls the meeting to order at 15:02 ET

Agenda slide deck [802.18-22-0037r1](https://mentor.ieee.org/802.18/dcn/22/18-22-0037-01-0000-rr-tag-agenda-march-24-2022.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 #8):
3. Administrative:

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

Moved by: Al Petrick (Skywork Solutions)

Seconded by: Hassan Yaghoobi (Intel Corporation)

Discussion? None

Vote: Passed
Result: 17Y/0N/0A

* 1. **Motion #2:** To approve the meeting minutes of the March 3rd, 2022, RR-TAG call as shown in the document [22-0026r0](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: Jay Holcomb (Itron)

Seconded by: Tuncer Baykas (Kadir Has University)

Discussion? None

Vote: Passed
Result: 17Y/0N/0A

* 1. Call for RR-TAG Secretary
	Call is open until 30 March. Currently only one nomination. If more than one nomination there will be a run-off on 31 March Thursday teleconference.
1. **Presentations on proposed viewpoints for the EC.**
	1. **Document 18-22-0031** response for Ofcom consultation on shared access framework

	Document contains a proposed response for the Ofcom consultation on a shared access framework for the upper 6GHz band. *Document version number changed during meeting*.

**Discussion:**
**C:** Coexistence feasibility for RLAN, such as IEEE 802.11 technologies, are now explicitly called out in the document as desirable. Any comment?
No comment.
**C:** The current introduction to the IEEE and its mission was slightly modified.
**C:** According to the website "IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity", maybe that's what we should put?
**Q:** Can we still motion this document if we make that addition?
**C:** This might be an editorial comment, since it's only in the introductory boiler plate introduction to our broader purpose as an organisation. It doesn't impact our input on the consultation.
**C:** I will upload version 6 of this document after we make these revisions and we can vote on that.

**Motion #3:** Move to approve document [22/0031r6](https://mentor.ieee.org/802.18/dcn/22/18-22-0031-06-0000-ofcom-saf-consultation-draft-response.odt) in response to UK Ofcom consultation “Enabling spectrum sharing in the upper 6 GHz band” for review and approval by the IEEE LMSC (802 EC) for submission to UK Ofcom by the response deadline. The IEEE 802.18 Chair is authorized to make editorial changes as necessary.

Moved: Amelia Andersdotter (Sky)
Seconded: Hassan Yaghoobi (Intel)
Discussion: No discussion
Attendees: 22
19 voters are present. The chair is not voting.
Yes:17
No: 0
Abstain: 1
Motion passes.

* 1. **Document** [**18-22-0032r1**](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.

	Discussion:
	**Q:** I was confused, is 11ay also added to this?
	**A:** Yes, 11ay has been added but previously, see table 2-1 in the document.
	**C:** Almost none of the stuff here, like spectral masks, seems not to apply to 11ay that's why I asked.
	**A:** No, we have it in here. But I did not go through in detail at this time.
	2. **Document** [**18-22-0033r1**](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.

	**Discussion:**
	**Q:** In the 5GHz band some of the operating classes are almost identical except they have different power levels, and the power levels depend what energy detection limits there are. So nomadic have lower power levels, normally, and if we use nomadic in these tables we're restricting ourselves to that even though we can do both. So we should have also "portable" and not restrict ourselves only to be "nomadic".
	**A:** The reason it looks like this is that "nomadic" is defined by ITU-R already, and so this conforms with previous language used by ITU-R.
	**C:** I accept this explanation.
	**C:** If we're going to make the vote today, we need to make the editorials after the vote but before the EC.
	**Q:** Will 1450 be updated for 802.11-2020 to replace 802.11-2016 in annex 1? It looks like it is on track to become ISO standard by summer.
	**C:** One option is that we postpone the motion for this, and get it on the EC meeting in May, and we would still be able to submit it on time.
	**A:** Regarding the question, yes, it's correct. The Recommendation is that 1450 will be updated for 802.11-2020. On postponing, it's better to get it sooner than later, of course.
	**C:** I would propose that we postpone having motions on these texts for now.
	**Chair:** Any dissent with this view?
	No dissent voiced with postponing.
	**Chair:** Let's postpone the votes on both document until next week, then.
1. **Information about May 2022 Wireless Interim.**

	1. The Wireless Chairs Standing Committee (WCSC) have decided to convert the IEEE 802 Wireless interim meeting in May 2022 to a virtual-only meeting. Meeting fees were reduced to normal virtual-only meeting fees. Therefore it is proposed that IEEE 802.18 also organises a virtual-only meeting.
2. **Updates on the 802.18 and 802.19 Frequency Ad-Hoc.**

	1. Presentation of initiative to map Wireless Standards Frequencies, and a comment collection request for all the current wireless groups in IEEE 802 LMSC to assist in creating a spreadsheet collating a table of frequencies (contained in agenda deck, slides #16-18).
	2. See also doc. [18-22-0009r0](https://mentor.ieee.org/802.18/dcn/22/18-22-0009-00-0000-ieee-802-wireless-standards-table-of-frequency-ranges.xlsx) which is currently out for comments.
	3. Frequency Ad-Hoc has a monthly meeting, currently scheduled until 27 December 2022.
3. **AOB?**
	1. The 802.18 Chair has declared that the **802.18 meetings/calls for the MAY 22 Wireless Interim Session will take place on our normal Thursday’s at 15:00 ET on May 12th, & May 19th.** Both of these calls will require the paid meeting fee and are an credited Interim Session (i.e. an Interim Session with attendance credit).
4. Chair adjourns meeting at 16h ET.
	1. **Next “weekly” teleconference: 31 March 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 15:58 ET

ATTENDANCE

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Voting Attendees:** |  |  | **24-Mar** |
| 1 | **Baykas** | Tuncer | Kadir Has University | **x** |
| 2 | **da Silva** | Claudio | Meta Platforms, Inc. | **x** |
| 3 | **Ecclesine** | Peter | Cisco Systems, Inc. | **x** |
| 4 | **Hiertz** | Guido | Ericsson GmbH | **x** |
| 5 | **Holcomb** | Jay | Itron Inc. | **x** |
| 6 | **Jeffries** | Timothy | FutureWei Technologies, Inc. | **x** |
| 7 | **Kain** | Carl | USDOT, Noblis, Inc. | **x** |
| 8 | **Kenney** | John | TOYOTA InfoTechnology Center U.S.A. | **x** |
| 9 | **Kerry** | Stuart | OK‐Brit, Self | **x** |
| 10 | **Levy** | Joseph | InterDigital, Inc. | **x** |
| 11 | **Lynch** | Michael | MJ Lynch & Associates, LLC. | **x** |
| 12 | **Nikolich** | Paul | Self, HPE, Huawei, Wyebot, UNH BCoE, YAS BBV, Origin Wireless  | **x** |
| 13 | **Petrick** | Al | Skyworks Solutions Inc. | **x** |
| 14 | **Pirhonen** | Riku | NXP Semiconductors | **x** |
| 15 | **Rolfe** | Benjamin | Blind Creek Associates | **x** |
| 16 | **Scott** | Andy | NCTA – The Internet & Television Association | **x** |
| 17 | **Ward** | Lisa | Rohde & Schwarz | **x** |
| 18 | **Yaghoobi** | Hassan | Intel Corporation | **x** |
| 19 | **Yucek** | Tevfik | Qualcomm Incorporated | **x** |
|  |  |  |  |  |
| **Non-Voting Attendees:** |  |  |
| 1 | **Andersdotter** | Amelia | Sky UK Group | **x** |
| 2 | **Fang** | Yonggang | MediaTek | **x** |
| 3 | **Haasz** | Jodi | IEEE SA | **x** |