IEEE 802 Wireless Stds Frequency Table Ad-Hoc

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| Wireless Stds Frequency Table Ad-Hoc Minutes |
| Date: 19 May 2022 |
| Name | Affiliation | Address | Email |
|  |  |  |  |
| Author |
| Amelia Andersdotter | Sky | Brussels, Belgium | amelia.ieee@andersdotter.cc |

* + - Ad-hoc co-leader: Edward Au (.18 Chair, Huawei)
		- Ad-hoc co-leader: Steve Shellhammer (.19 Chair, Qualcomm)
		- Ad-hoc secretary: Amelia Andersdotter (.18 Secretary, Sky)
		- Attendance tracking: Stuart Kerry (OK-Brit, self)

These are the Minutes of the IEEE 802.18/19 Wireless Stds Frequency Table Ad-Hoc monthly teleconference Tuesday, 26 April 2022.

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

Agenda slide deck [802.18-22-0047r0](https://mentor.ieee.org/802.18/dcn/22/18-22-0047-00-0000-frequency-table-ad-hoc-agenda-26-april-2022.pptx)

1. Chair presents administrative items
	1. IEEE 802 meeting and participant’s guidelines and requirements
	2. IEEE policies and procedures
	3. Reminder that IMAT is **not** being used for attendance
	4. Online meeting procedures reminder
2. Chair presents the agenda (slide #9). Editorial changes, new version in [18-22-0047r1](https://mentor.ieee.org/802.18/dcn/22/18-22-0047-01-0000-frequency-table-ad-hoc-agenda-26-april-2022.pptx).
3. Administrative:

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

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

Seconded by: Tuncer Baykas (Kadir Has University)

Discussion? None

Vote: Passed with unanimous consent

* 1. **Motion #2:** To approve the meeting minutes of the 22 February 2022 IEEE Wireless Stds Frequency Table ad-hoc teleconference call as shown in the document [18-22-0018r0](https://mentor.ieee.org/802.18/dcn/22/18-22-0018-00-0000-minutes-22feb22-adhoc-frequency-table.docx), with editorial privilege for the 802.18 Chair.

Moved by: Al Petrick (Skyworks Solutions)

Seconded by: Stuart Kerry (OK-Brit, Self)

Discussion? None

Vote: Passed with unanimous consent

1. **Reminder of comment collection due on 30 April 2022.**In document 18-22-0009 the ad-hoc group has compiled a table of frequency ranges, for which it's seeking input from all IEEE 802 WG members. It's not an official ballot, so responding or not does not affect voting rights in either .18 or .19.
2. **Current status of action items.**

	1. Create comment collection spreadsheet together with IEEE 802 Executive Secretary.

	This was already finalized before the comment collection call.
	2. Finalize process for comment collection at Wireless Chairs Committee:

	Same as i).
	3. Is a pro-forma approval of some sort needed at the EC level for the frequency table? Should it be approved by Wireless Chair Standing Committee or Executive Committee? Does the document need to be adopted by WGs?

	Discussion:

	C: I'm not sure we need a formal approval of this document. I'd be against bringing it to the EC, but I think WCSC I could accept. But to me this is a best effort document and we don't need anyone's approval for a best effort. We're just trying to get an overview here.
	C: If this is not a binding document we don't need any particular approval.
	C: If we bring it to the working group that is even more formal than having it at the EC, and I think we don't need that. We should address all the comments, and that's a best effort, and that's all we need in my view.
	C: Going back to our mission statement, this frequency table is indeed meant to be a helpful reference for standards developers when figuring out which IEEE 802 technologies are using which standards. This should be resolved before even bringing it to WCSC.
3. **Comment collection**

We have so far received five comments from Billy Verso (Qorvo). Should we go over these comments now or wait until we have received all the comments?

**1st comment:** accepted.

**2nd comment:** we can accept this comment as revised. The suggested note is not necessary, but we have a separate spreadsheet for this sort of regulatory information. However, the suggested note is not even accurate. Needs more discussion.

**3rd comment:** accepted.

**4th comment:** group agrees in principle but needs verification.

**5th comment:** there are several rows for 802.15.4z. The channel plan for HRP was not changed by the modifications to .15.4z. If the channels came into being with .15.4a, do we actually need them listed here for .15.4z? Rather than being "fully redundant" we should "not be redundant" and remove references to .15.4z if the channel plan came from .15.4a.

More discussion needed.

Other comments prepared by Mark Hamilton (CommScope/Ruckus) received at the beginning of the meeting.

**6th comment:** addresses in which circumstance we need a separate row for index 340, 350 and 360. There are some subranges there, but what additional information is actually provided?

Start and end frequencies differ a little bit but not by much.

The different channel plans will be derived from the different regional constraints on the devices, so an additional column this document might need is regional information. That could be added.

This sort of information could be useful for .15 novices. Currently we're not having information on power levels per band either, but that's a possible future addition - it's there to make sure that one can look up technologies per band rather than the other way around. Longterm this could even be a database where you could query technologies or frequency bands, but we won't be able to put that in this spreadsheet.

Needs further discussion.

**7th comment:** In .11 frames can be transmitted and retransmitted from different PHY. Then different frequency bands and channel plans will be used in the same (re)transmission, and that might be reflected in the table somehow. Backwards compatibility and the dynamic progression between PHY means the frequency bands are at the same time used, whether or not there are modulation differences or some other difference. However, keeping the detail allows the reader to make their own determination.

Needs further discussion.
4. **AOB?**
5. No one raises other issues.
6. 11 participants [Report by Stuart Kerry].
	1. **Next monthly ad-hoc: 24 May 2022**
		1. Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-21-0000-teleconference-call-in-info.pptx>
		2. All late changes/cancellations will be sent out to the 802.18 and 802.19 list servers.
	2. Overall IEEE 802 schedule: <http://ieee802.org/802tele_calendar.html>
	3. Adjourn:
		1. Any objection to Adjourn.
		2. None heard.
		3. Adjourn at 16:00 ET

ATTENDANCE

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Voting Attendees (802.18):** |  |  | **26-Apr** |
| 1 | **Au** | Edward (Kwok Shum) | Huawei Technologies Co., Ltd | **x** |
| 2 | **Baykas** | Tuncer | Kadir Has University | **x** |
| 3 | **Holcomb** | Jay | Itron Inc. | **x** |
| 4 | **Kerry** | Stuart | OK‐Brit, Self | **x** |
| 5 | **Petrick** | Al | Skyworks Solutions Inc. | **x** |
| 6 | **Powell** | Clint | Meta Platforms, Inc.; Powell Wireless Commsulting, LLC | **x** |
| 7 | **Rolfe** | Benjamin | Blind Creek Associates | **x** |
| 8 | **Shellhammer** | Steve | Qualcomm Technologies, Inc. | **x** |
|  |  |  |  |  |
| **Non-Voting Attendees:** |  |  |
| 1 | **Andersdotter** | Amelia | Sky UK Group | **x** |
| 2 | **Cowan** | Michael | Xylem/Sensus | **x** |
| 3 | **Hamilton** | Mark | Ruckus/CommScope | **x** |