IEEE 802 Wireless Stds Frequency Table Ad Hoc

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| IEEE 802 Wireless Stds Frequency Table Ad Hoc Group Minutes |
| Date: 22feb22 |
| Name | Affiliation | Address | Email |
|  |  |  |  |
| Author  |
| Jay Holcomb, co-Lead | Itron | Liberty Lake, (Coeur d’Alene, ID) WA | jholcomb@ieee.org |

co-lead: 802.19 chair: Steve Shellhammer (Qualcomm), sshellha@qti.qualcomm.com

Abstract

Minutes of the Ad Hoc

These are the Minutes of the Frequency Table Ad Hoc, Tuesday, 22feb22

Lead calls the meeting to order at 15:03 ET.

1. Lead presents slides 2 – 6 of 802.18-22/0017r01, the call to order and administrative items
	1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Lead presents slides 7, the agenda:
	1. Call to Order
		1. Remember to mute when not speaking, thanks.
		2. Please request Q in chat window.
	2. Administrative items
		1. Someone to take some notes, \_jay\_
		2. Attendance & monitor chat window, \_Stuart K\_
	3. Approve agenda and last minutes
	4. Discussion items
		1. Problem Statement/audience, reminder
		2. any updates in the table?
		3. Next steps, moving forward, etc.
			1. comment collection
	5. Actions required.
		1. Start up comment collection
		2. Anything new today
		3. ongoing: Updating spreadsheet
	6. AOB and Adjourn
	7. Motion: Any objection to approving the agenda as presented?
		1. None heard.
		2. Results: Approved by unanimous consent
	8. **Motion: Any objection to approving minutes from the last frequency table ad hoc call, in document** [**https://mentor.ieee.org/802.18/dcn/22/18-22-0003-00-0000-minutes-11jan22-adhoc-frequency-table.docx**](https://mentor.ieee.org/802.18/dcn/22/18-22-0003-00-0000-minutes-11jan22-adhoc-frequency-table.docx) **14-Jan-2022 10:05:32 ET, with editorial privilege for the 802.18/.19 chairs.**
		1. None heard.
		2. Results: Approved by unanimous consent
3. Lead presents slides 8, **Table of IEEE 802 Wireless Stds Frequency Bands**
	1. **~~Possible~~ Problem statement**
		1. It is difficult for 802 wireless standards developers to quickly and accurately identify all the frequency bands by the family of 802 wireless standards in a regularly maintained database.
		2. The primary application is to simplify identification of potential frequency bands for coexistence assessment.
		3. Key: simple to start, there are many things that can be added over time after that.
	2. **P~~ossible~~ Initial Audiences:**
		1. 1) 802 wireless standards developers
		2. 2) 802.19 wireless coexistence working group
		3. 07Jan: can we add 802.18 here? Possibly, though not to disturb coexistence is primary, more for a reference for comments.
		4. 17Dec20: Stop here for now, then below are secondary audiences for later.
		5. 3) non-802 wireless standards developers 4) Global regulators
		6. 5) ITU-R 6) 802.18 Radio Regulatory TAG.
		7. 7) Implementors of 802 wireless standards-based products and services
		8. 8) Wireless academic researchers
4. Lead presents slide 9, **The Table – updating**
	1. The spreadsheet / initial table of IEEE 802 Wireless Stds Frequency Bands:
		1. <https://mentor.ieee.org/802.18/dcn/22/18-22-0009-00-0000-ieee-802-wireless-standards-table-of-frequency-ranges.xlsx>
	2. **Any updates for today: none**
	3. **history:**
		1. 11jan: working on rev10
			1. Did the light-range’s sheet come out okay? yes
			2. What about 802.11ah and aj? updated
		2. 23nov: working on rev09:
			1. Clarified 802.22 orig. std.; filled in many specific freq. ranges for 802.11
			2. Updates a few UWB ranges and add the Light-Ranges Sheet
		3. 28sep: working on rev08…
			1. Updated most of the 802.15 cells/rows, less UWB ones.
			2. And proposing to swap columns D&E to get the clause numbers for the current standard by the current standards. and clarified what goes in the clause cell.
		4. 27july: Reviewed the draft of rev07
			1. In instructions:
			2. Clarified Standard-Year and put in an example.
			3. Clarified PHY Amendment (Date of Initial Approval) with an example and to not leave blank, copy over the standard if there is no amendment.
			4. Clarified PHY Name to start with the Acronym, then the name.
			5. In notes: Added a general note to only consider Active standards, not in active-withdrawn standards.
5. Lead presents slide 10, **Moving Forward – comment collection**
	1. **22feb: starting with notes from 11jan22:**
		* 1. Ask the wireless WGs (via their chair) to run a non-mandatory comment collection on the table.
			2. Co-leads will work off-line the request to take to the 02mar22 WCSC call.
				1. A clear process of the review.
				2. Documents ready (spreadsheet, comment collection form, etc.)
				3. Then after the comments are collected, use this ad hoc as the CRG
				4. Can run like a study group, all can provide input and vote.
		1. Worked on epoll text and made several edits.
		2. Then where does all these spreadsheets and documents go for anyone interested in IEEE 802 and all. Good discussion and results:
		3. Plan is to put on 802 web site a link to the (.18) mentor documents.
		4. Add this link as a sub-link under orientation.
	2. **Questions standing by:**
		1. Question – is a pro-forma approval of some sort at the EC level needed?
			1. In other words, how to formalize this? the revision updates. will take effort of folks in IEEE 802 (wireless)
			2. thought, maybe this is at the WCSC, a question?
		2. Question: Should hold a vote across all groups so groups adopt reference in standards?
			1. It would build confidential having WGs approval
6. Lead presents slide 11, **Actions Required**
* co-leads: create the comment collection spreadsheet, after call with exec. secretary.
* co-leads/all: finalize process for comment collection from wireless groups and bring up at next WCSC call, 02mar22.
* .18 co-lead: to update primary spreadsheet per ad hoc of 22feb - no updates.
* all: off-line work to fill in cells for all 802 wireless standards.
1. Lead presents slide 12 Any Other Business
	1. nothing heard.
2. Lead presents slide 13**, IEEE 802 Wireless Stds Frequency Table – the ad hoc**
	1. ad hoc team, .18/.19 chairs to lead the .18/.19 joint effort with all the wireless groups participating.
		1. .11\* tbd – could just point to Annex E in IEEE Std 802.11™-2020
		2. .15 Ben
		3. .16 Roger
		4. .22 reached out (Tuncer)
		5. .18 jay (Ben)
		6. .19 Steve (co-lead)
		7. .24 Tim
		8. -EC Paul/Geoff

\* Steve, Edward and Al working on .11

* 1. **See back up slides for different lists and discussions.**
	2. **How often to meet and where are the docs?**
		1. Plan: 1/month – 4th Tuesday 15:00 et.
		2. Will keep docs on .18 mentor and let .19 know.
1. Lead presents slide 14, Adjourn
	1. Next Ad Hoc – **22mar22**, 15:00 et (may be cancelled…..)
	2. New call-ins are out and in backup slides in agenda.
	3. **Overall IEEE 802 schedule:** [**http://ieee802.org/802tele\_calendar.html**](http://ieee802.org/802tele_calendar.html)
	4. **Adjourn:**
	5. Any objection to Adjourn.
	6. None heard, we are Adjourned at 1r:01et
	7. **Thank You**
2. **802.18/19 Freq. Table Adhoc Meeting Attendance Attendees Names and Affiliations:**

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| --- | --- | --- | --- |
| **.18 Voting Attendees:** |  |  | **22-Feb** |
| 1 | **Au** | Edward (Kwok Shum) | Huawei Technologies Co., Ltd | **x** |
| 2 | **Holcomb** | Jay | Itron Inc. | **x** |
| 3 | **Kerry** | Stuart | OK‐Brit, Self | **x** |
| 4 | **Nikolich** | Paul | Self, HPE, Huawei, Wyebot, UNH BCoE, YAS BBV, Origin Wireless  | **x** |
| 5 | **Petrick** | Al | Skyworks Solutions Inc. | **x** |
| 6 | **Rolfe** | Benjamin | Blind Creek Associates | **x** |
| 7 | **Shellhammer** | Steve | Qualcomm Incorporated | **x** |
|  |  |  |  |  |
| **.18 Non-Voting Attendees:** |  |  |
| 1 | **Baykas** | Tuncer | Kadir Has University | **x** |
| 2 | **Thompson** | Geoff | Self, GraCaSI Standards Advisors | **x** |