Frequency Table Ad Hoc

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| Frequency Table Ad Hoc Group Minutes |
| Date: 27apr21 |
| Name | Affiliation | Address | Email |
|  |  |  |  |
| Author  |
| Jay Holcomb, co-Lead | Itron | Liberty Lake, (Spokane) WA | jholcomb@ieee.org |

Abstract

Minutes of the Ad Hoc

These are the Minutes of the Frequency Table Ad Hoc, Tuesday, 27apr21

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

1. Lead presents slides 2 – 6 of 802.18-21/0049r01, 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
		2. Filling in spreadsheet
		3. Next steps, moving forward, etc.
	5. Actions required.
		1. Filling in spreadsheet
		2. Anything new today
	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/21/18-21-0031-00-0000-minutes-30mar21-adhoc-frequency-table.docx> 31-Mar-2021 10:40:48 ET, with editorial privilege for the 802.18/.19 chairs
		1. None heard.
		2. Results: Approved by unanimous consent

1. Lead presents slides 8, **Table of IEEE 802 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.
		4. 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
2. Lead presents slide 9, **The Table – how to get it filled in?**
	1. The format for the initial table of IEEE 802 Stds Frequency Bands:
	2. <https://mentor.ieee.org/802.18/dcn/21/18-21-0020-01-0000-proposed-frequency-table-format.pptx>
	3. The spreadsheet / initial table of IEEE 802 Stds Frequency Bands:
		1. <https://mentor.ieee.org/802.18/dcn/21/18-21-0036-02-0000-frequency-table-template.xlsx>
	4. Some proposed updates to discuss in r02.
		1. Column A and B as start and stop frequencies.
		2. Column H as a common ‘frequency range’ name.
		3. Review on attempt adding some UWB and THz and update/edit as needed to meet intent.
		4. Could end up with multiple rows for same frequency range for multiple standards/amendments.
		5. Will review a proposed r03 adding a worksheet tab for the additional info,
		6. Including adding a date and where to find columns that was requested earlier.

* + 1. A few of the discussion points.
			1. Instead of additional info, labeled add worksheet Frequency Range.
			2. Added a column, Standard or Project, to the Stds (new name) worksheet.
			3. Updated the instructions for above.
			4. Then added a worksheet (will call them worksheet not tabs), for notes, e.g. pull in the future items from the .18 meeting a few weeks ago.
			5. Moving forward try to get going adding in frequency ranges from the different WGs.
	1. **Some feedback from 27mar21 ad hoc call:**
		1. Clarified / added to some of the instructions.
		2. plan to add a column on the date of the info, per feedback from .18 plenary.
		3. Thinking to make the frequency on rows / vertical. yes, then multiple rows for a specific standard/amendment, but more row and less columns makes a ‘spreadsheet’ more what folks are use too and, in some opinions, easier to use.
			1. so maybe column A and B are start and stop frequencies.
			2. Will look at that next ad hoc call.
1. Lead presents slides 10, Open Discussion.
	1. **Next steps:**
		1. Next meeting: 25may21
		2. Agenda next time: how do we start to get the spreadsheet filled in.

* 1. **Approach, what to adjust?**
		1. Nothing heard
	2. **Parking lot:**
		1. Before we took a look at Annex E of 802.11-2016.
			1. The Annex E does focus on 3 regions (USA, EU and Japan), along with a global section.
			2. Remember, <1 GHz was not there, as it will be in the 802.11-2020 version when it is out.
		2. Two future consideration lists are in back up slides here
			1. Country/regions and Final tool/maintenance.
1. Lead presents slide 11, Actions required
	* .18 co-lead set up next ad hoc for 25may21. will add call-in in back up slides here.
	* .18 co-lead - spreadsheet to be updated per discussion
	* .19 co-lead will investigate how to get .11 going.
2. Lead presents slide 12 Any Other Business
	1. None heard
3. Lead presents slide 13**, 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 – though just point to Annex E in IEEE Std 802.11™-2020

(Dorothy for now for .11)

* + 1. .15 Ben
		2. .16 Roger
		3. .22 reached out (Tuncer)
		4. .18 Edward (w/jay)
		5. .19 Steve (co-lead)
		6. .24 Tim
		7. -EC Paul/Geoff
	1. **See back up slides for different lists and discussions.**
	2. **How to move forward / how often to meet?**
		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 – 25may21, 15:00 et
		1. Call-in will be sent out and is in agenda back up slides.
	2. **Overall IEEE 802 schedule:** [**http://ieee802.org/802tele\_calendar.html**](http://ieee802.org/802tele_calendar.html)
		1. or only 802.18: [IEEE 802.18 TAG Calendar](https://calendar.google.com/calendar/embed?src=c2gedttabtbj4bps23j4847004%40group.calendar.google.com&ctz=America%2FNew_York)
	3. **Adjourn:**
	4. Any objection to Adjourn.
	5. None heard, we are Adjourned at 16:00et
	6. **Thank You**

Attendees:

Benjamin Rolfe (Blindcreek Assoc)

Jay Holcomb (Itron)

Paul Nikolich/802 Chairman (multiple)

Steve Shellhammer (Qualcomm)

Stuart Kerry, (OK Brit/Self)

Vijay Auluck, (Self)

Tuncer Baykas Tuncer, (Kadir Has University\_

Geoff Thompson, (Self, GraCaSI Standards Advisors)