Frequency Table Ad Hoc

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| Frequency Table Ad Hoc Group Minutes |
| Date: 23Feb21 |
| Name | Affiliation | Address | Phone | Email |
|  |  |  |  |  |
| Author  |
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Abstract

Minutes of the Ad Hoc

These are the Minutes of the Frequency Table Ad Hoc, Tuesday, 23Feb21

Lead calls the meeting to order at 15:02 ET.

1. Lead presents slides 2 – 6 of 802.18-21/0021r01, 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
	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. Submission on a format
		3. Open discussion, next steps, moving forward, etc.
	5. Actions required.
		1. \_\_\_\_\_\_\_
		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/21/18-21-0007-00-0000-minutes-26jan21-adhoc-frequency-table.docx> 27-Jan-2021 11:19:07 ET, with editorial privilege for the 802.18/.19 chairs.
		1. None heard.
		2. Results: Approved by unanimous consent
3. Lead presents slides 8 - 11, **Table of Frequency Bands – IEEE 802 Stds –**
	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
4. Lead presents slide 9, Format proposal
	1. . Submission on a possible format, and discussion.
	2. <https://mentor.ieee.org/802.18/dcn/21/18-21-0020-00-0000-proposed-frequency-table-format.pptx>
	3. See rev01 for updates from 23feb21 call.
	4. A few topics discussed.
	5. Could add start and stop frequencies so can sort the data accordingly.
		1. Most leaned to more columns so one row per amendment/standard.
		2. One thought multiple rows for an amendment with a unique frequency range per row, for easier sorting and viewing.
	6. What about adding bandwidths for the PHYs?
	7. Countries/or stay at regions came up again? Still thinking to hold off now as will be complex and many possible ways to do it.
		1. So focus on frequencies in our standards for now, the original plan.
	8. How to show the amendments versus rolled up standards. Some different ideas came up.
	9. Does the clause in the amendment follow to a standard rollup? Better in .11 more exceptions in .15.
	10. What about pointing to the 802.11 annex D Regulatory Reference, for .11 items?
		1. Maybe add in text, where to find the details?
5. Lead presents slides 10, Open Discussion.
	1. **Next steps:**
		1. Table rev01 will be posted and will be the format to use at this time for data gathering.
			1. .19 co-lead and .15 representative will update the spreadsheet for a template to start filling in. It will be sent out ahead so it can be reviewed on 30 March, our next ad hoc.
		2. After above:
			1. We will need folks to fill in the spreadsheet.
			2. Could add to liaison reports to .11 and .15 asking for help for input and review.
	2. **Approach, what to adjust?**
		1. Need to start and then refining/clarifying 2 more lists for future updates.
			1. Country/regions
			2. Final format / tool for actually using long term and how it will be maintained.
	3. **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.
			3. We need to get a copy out of 802.11-2020.
6. Lead presents slide 11, Actions required
	* .18 co-lead set up next ad hoc for 30mar21. – done see call in backup slides here.
	* **.19 co-lead and .15 representative will update spreadsheet for a template to start filling in.**
		1. **It will be sent out ahead so it can be reviewed on 30 March, our next ad hoc.**
	* Not discussed specifically, though for next time:
	* All – start to provide clear/concise (bulletized) input for our 2 lists :
		1. How to handle countries/regions.
		2. What a final method / tool is for using long term and how it will be maintained.
7. Lead presents slide 12 Any Other Business
	1. None heard
8. **Lead present slide 13, 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
		4. .18 Edward (w/jay)
		5. .19 Steve (co-lead)
		6. .24 Tim
		7. -EC Paul/Geoff
	1. **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 – 30mar21, 15:00 et. 🡸 exception, the 5th tuesday.
		1. Call-in will be sent out and is in back up slides in agenda for 23Feb21.
	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)

Edward Au (Huawei)

Jay Holcomb (Itron)

Kunal Shah [Itron]

Michael Cowan (Sensus)

Paul Nikolich/802 Chairman (multiple)

Steve Shellhammer (Qualcomm)

Stuart Kerry, (OK Brit/Self)

Vijay Auluck, (Self)