Frequency Table Ad Hoc

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| Frequency Table Ad Hoc Group Minutes | | | | |
| Date: 30Mar21 | | | | |
| 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, 30Mar21

Lead calls the meeting to order at 15:04 ET.

1. Lead presents slides 2 – 6 of 802.18-21/0030r01, 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/21/18-21-0022-00-0000-minutes-23feb21-adhoc-frequency-table.docx> 24-Feb-2021 10:47:26 ET, with editorial privilege for the 802.18/.19 chairs.
      1. None heard.
      2. Results: Approved by unanimous consent

* 1. Question asked, can this ad hoc make decisions / motions?
     1. Discussion went more like straw polls, all can vote.
     2. When it comes to more formal motions like the final spreadsheet approval, then .18 and .19 chair will work out how to get that approved.
     3. Though, should .11 and .15 also be on that type of approval, probably.
     4. Need to work through the formalities yet.

1. Lead presents slides 8 - 11, **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.
      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/21/18-21-0036-01-0000-frequency-table-template.xlsx>
      2. Clarified / added to some of the instructions.
      3. plan to add a column on the date of the info, per feedback from .18 plenary.
      4. 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.
   4. **Some feedback from 04mar21 .18 weekly call:**
      1. Clarify the clause
         1. With discussion looks like we have plan, see notes in spreadsheet.
      2. Is the band based in the standard and known to be used by the standard?
         1. Needs a little more clarity what the question is.
      3. Need explanation text, where does that go?
      4. Can add a notes column or something like that. Will address more later.
      5. Columns to right, bands or frequencies?
         1. More frequency ranges, like 150 – 174MHz.
      6. Keep to a frequency table, don’t replicate the standards.
         1. Agreed, have where you can find more detail.
      7. Add where item came from (URL if possible) and the date \*per\* item
         1. Yes, adding a column for this.
   5. **How do we get it filled in?**
3. Lead presents slides 10, Open Discussion.
   1. **Next steps:** 
      1. Next meeting: 27apr21

* 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 27apr21. – call-in added to backup slides in agenda.
   * .19, 15. .18 leads - Spreadsheet to be updated per discussion, e.g. frequencies in rows.
   * .19 co-lead and .15 representative will update spreadsheet for a template to start filling in.
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
    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 – 27aprr21, 15:00 et
      1. Call-in will be sent out and is in back up slides in agenda for 30mar21.
   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 15:59et
   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)