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.
      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)