Frequency Table Ad Hoc

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| Frequency Table Ad Hoc Group Minutes | | | | |
| Date: 22Jun21 | | | | |
| Name | | Affiliation | Address | Email |
|  | |  |  |  |
| Author | | | | |
| Jay Holcomb,  co-Lead | | Itron | Liberty Lake, (Spokane) 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, 22Jun21

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

1. Lead presents slides 2 – 6 of 802.18-21/0075r01, 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/21/18-21-0061-00-0000-minutes-25may21-adhoc-frequency-table.docx> 26-May-2021 12:40:25 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. 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 – filling in**
   1. Review a 2nd spreadsheet with 802.11 clauses with frequencies for setting for the actual frequency ranges:
      1. <https://mentor.ieee.org/802.18/dcn/21/18-21-0064-02-0000-frequency-table-input-802-11-phys.xlsx>
      2. Updates presented, e.g. adding approved dates on the PHY amendments and:
      3. The caption of Amendment Column has been changed to:
         1. PHY Amendment (Date of Initial Approval)
      4. The caption of Clause number Column has been changed to:
         1. Clause Number in the Current Standard
      5. There are now four possible entries in Status Column
         1. Project, Approved, Published, Integrated
   2. The spreadsheet / initial table of IEEE 802 Stds Frequency Bands:
      1. <https://mentor.ieee.org/802.18/dcn/21/18-21-0036-06-0000-frequency-table-template.xlsx>
      2. Reviewed the draft of rev06 and made updates from above.
      3. Set an initial trigger point, 30 days after a Standard Boards meeting, for maintenance/update of the table.
      4. Also discussed the future consideration of frequency range applications and regulatory authorizations. Then added some columns on the Freq-Ranges-Other-Info worksheet, Application(s), Country/Region, Regulatory Authorization
         1. Will use the frequency range, purpose of this effort, to tie the Standards-Frequency-Ranges Worksheet to the Freq-Ranges-Other-Info, worksheet.
      5. This is setting the effort up for after we get the standard’s frequency ranges entered.
      6. Both worksheets will be sortable by any and all columns, so the user can sort as desired.
3. Lead presents slides 10, **Open Discussion**.
   1. **Next steps:** 
      1. Next meeting: 27july21
      2. Agenda items to work on
         1. Review updated rev06 of the primary spreadsheet.
   2. **Approach, what to adjust?** 
      1. ran out of time
   3. **Parking lot:**
4. Lead presents slide 11, Actions required
   * .19 co-lead to update the spreadsheet of .11 ranges per discussion and upload to mentor.
   * .18 co-lead to update primary spreadsheet per ad hoc of 22june.
   * .18 co-leak to integrate the .11 spreadsheet into the primary spreadsheet.
5. Lead presents slide 12 Any Other Business
   1. nothing heard.
6. 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

\* Steve and Edward working on .11

* 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 – 27jul21, 15:00 et
   2. Call-in now recurring and in back up slide here.
   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 16:00et
   7. **Thank You**

Attendees:

Benjamin Rolfe (Blindcreek Assoc)

Dorothy Stanley (HPE)

Edward Au (Huawei Technologies)

Geoff Thompson, (Self, GraCaSI Standards Advisors)

Jay Holcomb (Itron)

Paul Nikolich (Self, HPE, Huawei, Wyebot, UNH BCoE, YAS BBV, Origin Wireless)

Steve Shellhammer (Qualcomm)

Stuart Kerry (OK Brit/Self)