IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 08Dec20 | | | | |
| Name | Affiliation | Address | Phone | Email |
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| Author and Officer presiding: | | | | |
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Abstract

Minutes of the IEEE 802 RR-TAG Ad Hoc

These are the Minutes of the IEEE 802 RR-TAG Ad Hoc, Tuesday, 08Dec20

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

1. Chair presents slides 2 – 6 of 802.18-20/0157r01, the call to order and administrative items
   1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair 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, last minutes announcements
   4. Discussion items
      1. Table of Frequency Bands – IEEE 802 Stds
      2. General Discussion Items
   5. Actions required
      1. Table of Frequency Bands
      2. Anything new today
   6. AOB and Adjourn
3. Motion: Any objection to approving the agenda as presented? None heard.
   1. Results: Approved by unanimous consent
4. Chair presents slides 8 - 10, **Table of Frequency Bands – IEEE 802 Stds – background first**
   1. **This proposed table had a good discussion on the EC call this week**
      1. <https://mentor.ieee.org/802-ec/dcn/20/ec-20-0245-01-00EC-frequency-tables-of-ieee-802-wireless-standards.pptx>
   2. **Many inputs, some not all:** 
      1. Maybe add a 4th phase - of older standards, considering market presence.
      2. Need to consider a version for Public Visibility.
      3. Actually, could get out of hand on all the things everyone would like to see, so maybe a simple high-level version and a detailed lower-level version done over time..
      4. What about licensed-exempt, licensed-exempt w/control and licensed bands?
      5. Consider types of modulations, e.g. UWB over narrower modulations.
      6. Regions/countries
      7. 802.11 has a table for ITU could there be duplication that need to be considered?
         1. Comment on call was not aware of table for ITU.
      8. (from last .18 call: Just because in the standard, is the band being used in the industry or not?)
   3. **How to proceed? >>>Remember .18/.19 joint effort for now.** 
      1. Fixed/mobile/nomadic global table in 802.11 - E4, has much information though the rules are constantly changing and to keep up will has been very difficult.
      2. May need to keep at a higher level, and a more easily used form.
      3. A member is starting to look at 802.15 for bands being used, a starting point.
      4. Could we identify some initial parameters,8-10 with an open comment box, and keep in control?
      5. **#1 - Problem statement and audience needs to be done up front, this is a must.**
      6. Was tried in 802.11 before and it was determined too much to maintain.
      7. So maintenance needs to be considered
      8. #2 - Again need to start with very basic items and then review where to go.
      9. The rules among unlicensed bands differ by regulatory authority and change very often.
   4. **Possible problem statement**
      1. It is difficult for 802 wireless standards developers to quickly and accurately identify all the bands by the family of 802 wireless standards in a regularly maintained database.
      2. The primary application is to simplify identification of potential bands for coexistence assessment.
      3. Key starting priority: start with frequency bands then list the standards
      4. Later we can build on that with what domains, licensed exempt or licensed and other areas as previously discussed.
   5. **Audiences:**

1) 802 wireless standards developers

2) 802.19 wireless coexistence working group

3) non-802 wireless standards developers

4) Global regulators

5) ITU-R

6) 802.18 Radio Regulatory TAG.

7) Implementors of 802 wireless standards-based products and services

8) Wireless academic researchers

1. Chair presents slides 11, **General discussion items**
   1. Any inputs on how to move forward?
   2. Create an ad hoc team, jay to lead.
      * 1. .11 jay ask Dorothy for thoughts?
        2. .15 Ben
        3. .18 Edward (w/jay)
        4. .19 Steve
        5. -EC Paul/Geoff
      1. Ben will provide what he had started on 802.15 before to review and see if that gets the table started.
2. Chair presents slide 12, Actions required (.18 all)
   * Chair – start up document with 4 + 3 WRC-23 agenda items IEEE 802 should consider viewpoints on.
   * Work with APT so IEEE 802 is a recognized SDO for comments.
   * Chair - bring to .18 teleconferences and start up frequency table ad hoc team as appropriate
   * Ben - to provide 802.15 list that was started
3. Chair presents slide 13 Any Other Business
   1. None heard
4. Chair presents slide 14, Adjourn
   1. **Next weekly .18 teleconference (scheduled to 07Jan21): 10Dec 20–*15:00–<15:55* ET** 
      1. Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-16-0000-teleconference-call-in-info.pptx> (*or latest)* ***(new – weekly call in starts 30july20)***
         1. Or back up slide in the agenda.
      2. All late changes/cancellations will be sent out to the 802.18 list server.
   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:
      1. Any objection to Adjourn.
      2. None heard, Adjourn at 15:59et
   4. **Thank You**

Voting members

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| Au | Edward | Huawei Technologies Co., Ltd |
| Holcomb | Jay | Itron Inc. |
| Kerry | Stuart | OK‐Brit, Self |
| Nikolich | Paul | Self, HPE, Huawei, Itron, octoScope, Wyebot, UNH BCoE, YAS BBV, Origin Wireless |
| Rolfe | Benjamin | Blind Creek Associates |
| Shellhammer | Steve | Qualcomm Incorporated |