IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 31 Mar 20 | | | | |
| Name | Affiliation | Address | Phone | Email |
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|  |  |  |  |  |
|  | | | | |
| Author and Officer presiding: | | | | |
| Jay Holcomb,  Chair, RR-TAG | Itron | Liberty Lake, (Spokane) WA | +1(509) 891-3281 | jholcomb@ieee.org |

Abstract

Minutes of the IEEE 802 RR-TAG Ad Hoc Telecon

These are the Minutes of the IEEE 802 RR-TAG Ad Hoc Telecon, Tuesday, 31 Mar 20

**Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **31mar** | **26mar** | **19mar** | **18mar** | **17mar** | **16mar** | **13mar** | **12mar** | **11mar** |
| Auluck | Vijay | Self Employed | **x** | **x** | **x** | **x** | **x** | **x** |  | **x** | **x** |
| Boldy | David | Broadcom |  |  |  |  |  | **x** |  |  |  |
| De Vegt | Rolf | Qualcomm |  |  |  |  |  |  |  |  |  |
| Ecclesine | Peter | Cisco Systems, Inc. |  | **x** | **x** | **x** | **x** |  |  | **x** |  |
| Fang | Yonggang | ZTE TX Inc |  | **x** |  |  |  |  |  | **x** |  |
| Harrington | Tim | Pro ID & UWB Alliance |  | **x** |  |  |  |  |  |  |  |
| Holcomb | Jay | Itron Inc. | **x** | **x** | **x** |  | **x** | **x** | **x** | **x** | **x** |
| Jeffries | Tim | FutureWei |  | **x** |  |  |  |  |  |  |  |
| Kain | Carl | Noblis, Inc. | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Kenney | John | Toyota ITC | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Kerry | Stuart | Ruckus/CommScope | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Lansford | Jim | Qualcomm |  |  | **x** |  |  |  |  |  |  |
| Lepp | James | BlackBerry |  |  |  |  |  |  |  | **x** |  |
| Lynch | Mike | MJLynch Assoc |  | **x** | **x** |  |  |  |  |  |  |
| Nikolich(lmsc) | Paul | Self and others |  | x | x | x |  |  | x | x |  |
| Palm | Stephen | Broadcom |  |  |  |  |  |  |  |  |  |
| Rolfe | Ben | Blind Creek Assoc. & UWB All. |  |  | **x** |  |  |  |  | **x** |  |
| Sarris | Ioannis | u-blox |  |  |  |  |  |  |  |  |  |
| Shellhammer | Steve | Qualcomm |  |  |  |  |  |  |  |  |  |
| Stanley (lmsc) | Dorothy | HPE | **x** | **x** | **x** |  |  |  |  |  |  |
| Yaghoobi | Hassan | Intel Corporation |  | **x** | **x** |  |  |  | **x** | **x** | **x** |

**Non-Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **31mar** | **26mar** | **19mar** | **18mar** | **17mar** | **16mar** | **13mar** | **12mar** | **11mar** |
| Au | Edward | Huawei |  | **x** |  |  |  |  |  |  |  | |
| Goldbberg | Jonathan | IEEE |  |  | **x** | **x** | **x** |  |  |  |  | |
| Haskou | Abdullah | Interdigital |  |  |  |  |  |  | **x** |  |  | |
| Hervieu | Lili | Cable TV Labs |  |  |  |  |  |  |  |  |  | |
| Levy | Joseph | Interdigital | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | |
| Lisa | Ward | Rohde&Schwarz |  |  |  |  |  |  |  | **x** |  | |
| Roy | Dick | Self | **x** | **x** | **x** | **x** | **x** | **x** |  |  |  | |
| Schiessl | Sebastian | u-blox | **x** | **x** | **x** | **x** | **x** | **x** |  |  |  | |

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

1. Chair presents slides 2 – 6 of 802.18-20/0055r01, the call to order and administrative items
   1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 7, of 802.18-20/0055r01, the agenda:
   1. Call to Order
   2. Administrative items
      1. Someone to take some notes: Jay Holcomb (Itron)
   3. Discussion items
      1. FCC 5.9 GHz FCC’s NPRM
      2. General Discussion Items
   4. Actions required
      1. FCC 5.9 GHz NPRM contributions
      2. Anything new today
   5. AOB and Adjourn
   6. Motion: Any objection to approving the agenda as presented? None heard.
      1. Vote: Approved by unanimous consent
3. Chair presents slide 8-11, FCC NPRM on 5.9 GHz reply comments
4. **FCC NPRM on 5.9 GHz**
   1. Mentor: <https://mentor.ieee.org/802.18/dcn/19/18-19-0163-02-0000-fcc19-138-nprm-revisiting-use-of-the-5-850-5-925-ghz-band.docx> **(🡺r**01**/02 Fed. Reg. some updates.)**
   2. <https://www.federalregister.gov/documents/2020/02/06/2020-02086/use-of-the-5850-5925-ghz-band>
   3. **Proceeding 19-138** 
      1. <https://www.fcc.gov/ecfs/search/filings?proceedings_name=19-138&sort=date_disseminated,DESC>
   4. Reply comments extended to 27 April,
   5. Current reply comments EC is reviewing:
      * 1. <https://mentor.ieee.org/802.18/dcn/20/18-20-0045-04-0000-reply-comments-fcc19-138-nprm-revisiting-5-850-5-925-ghz-band.docx>
      1. 4 (1 agreed with another) members have provided comments/feedback.
      2. Due to date change we have to fail the first ballot and start a second with new date, with the assumption of using basically the same doc they have already reviewed.
         1. Including, 802.18 needs to approve with new date.
      3. Will review reply to one EC member’s input
      4. Will review r05, that has all the EC inputs integrated.
   6. **Response (in agenda) to one EC member was reviewed (in some detail):** 
      1. Made one tweak to cross of to provide such connectivity in 2nd paragraph of section 5,DSRC and C-V2X
   7. **Review proposed r05, that has all the current EC inputs integrated.** 
      1. Made the one update from review of EC member response above and that finalized r05
   8. **Options to start with:** 
      1. 1 – stay with 18-20/0045r05 reply comments that the EC looks to be ready to approve
      2. 2 – stay with 18-20/0045r05 reply comments and add a supplement doc, per .18 consensus last week.
      3. 3 – start with 18-20/0045r05, keep as it is and add a few things, tbd.
      4. 4 - new document for the EC
      5. 5 – other?
   9. **Review reply comment document from a member**
      1. Document does re-structure the reply comments, adds several little longer sections with new content and updates other sections, with some new content.
   10. **Ad hocs:** 
       1. Friday, 03 April: 3pm-et call-in was sent out. (goal is last session for new content)
       2. Next week:
          1. Monday , 06April: 3pm-et (no new content after start of Monday’s adhoc) (so comes in before Monday)
          2. Tuesday, 07April: 3pm-et (done, just clean up and final review to do)
          3. Wednesday, 08April: 11:30et- 1:00et (hard stop) (final clean up then final ready for vote)
       3. Thursday 09April – Normal 802.18 weekly teleconference, just vote on final.
          1. r05 is good and is done or vote on supplement or vote new document or vote on updated document or \_\_\_\_\_\_
   11. **Remember from discussions in Irvine.**
       1. Focus on what we all can agree on, pass on what we don’t have agreement on.
       2. Neutral on the partitioning, e.g. 45MHz/30MHz split in the NPRM
       3. Use the migration from 802.11p to 802.11bd to our advantage and how it strengthens the future of ITS, e.g. compatibility etc.
       4. What ITS functions can be done in general unlicensed spectrum, so then IEEE 802.11 can be used throughout the entire band.
          1. Promote IEEE 802 as an open standard and update the standards terminology used.
5. Chair presents slide 12, Actions required
   1. **Inputs on reply comments,**
6. Chair presents slide 13 Any Other Business
   1. Nothing heard.
7. Chair presents slide 14, Adjourn
   1. **Next weekly teleconference (scheduled to 07May): 02Apr20–*15:00–<15:55* ET** 
      1. Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-14-0000-teleconference-call-in-info.pptx> (*or latest)*
      2. All late changes/cancellations will be sent out to the 802.18 list server.
   2. **Next ad hoc: Friday 03april20–*15:00–17:00* ET (tomorrow)**
      1. See backup slides in agenda for call-ins
   3. Adjourn:
      1. Agenda complete, any objection to Adjourn.
      2. None heard, Adjourn at 17:01et
   4. **Thank You**