IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 18 Mar 20 | | | | |
| Name | Affiliation | Address | Phone | Email |
|  | | | | |
|  |  |  |  |  |
|  | | | | |
| 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, 18 Mar 20

**Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **18mar** | **17mar** | **16mar** | **13mar** | **12mar** | **11mar** | **05mar** | **27feb** | **20feb** |
| Auluck | Vijay | Self Employed | **x** | **x** | **x** |  | **x** | **x** | **x** | **x** |  |
| Boldy | David | Broadcom |  |  | **x** |  |  |  | **x** | **x** | **x** |
| De Vegt | Rolf | Qualcomm |  |  |  |  |  |  |  |  | **x** |
| Ecclesine | Peter | Cisco Systems, Inc. | **x** | **x** |  |  | **x** |  | **x** | **x** | **x** |
| Fang | Yonggang | ZTE TX Inc |  |  |  |  | **x** |  | **x** | **x** |  |
| Harrington | Tim | Pro ID & UWB Alliance |  |  |  |  |  |  |  |  |  |
| 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** |  |
| 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** |
| Lansford | Jim | Qualcomm |  |  |  |  |  |  |  |  |  |
| Lepp | James | BlackBerry |  |  |  |  | **x** |  |  | **x** | **x** |
| Lynch | Mike | MJLynch Assoc |  |  |  |  |  |  | **x** | **x** |  |
| Nikolich(lmsc) | Paul | Self and others | x |  |  | x | x |  |  | x | early |
| Palm | Stephen | Broadcom |  |  |  |  |  |  |  |  |  |
| Rolfe | Ben | Blind Creek Assoc. & UWB All. |  |  |  |  | **x** |  | **x** |  |  |
| Salaszar | Ruben | Landis & Gyr |  |  |  |  |  |  |  |  | **x** |
| Sand | Stephen | DLR |  |  |  |  |  |  |  |  | **x** |
| Sarris | Ioannis | u-blox |  |  |  |  |  |  | **x** | **x** | **x** |
| Shellhammer | Steve | Qualcomm |  |  |  |  |  |  |  | **x** |  |
| Stanley (lmsc) | Dorothy | HPE |  |  |  |  |  |  |  | **x** |  |
| Yaghoobi | Hassan | Intel Corporation |  |  |  | **x** | **x** | **x** | **x** | **x** | **x** |

**Non-Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | | |
| **18mar** | **17mar** | **16mar** | **13mar** | **12mar** | **11mar** | **05mar** | **27feb** | **20feb** | |
| Aboul-Magd | Osama | Huawei |  |  |  |  |  |  |  |  |  | |
| Au | Edward | Huawei |  |  |  |  |  |  |  |  |  | |
| Goldbberg | Jonathan | IEEE | **x** | **x** |  |  |  |  |  |  |  | |
| Hamilton | Mark | Ruckus/CommScope |  |  |  |  |  |  |  |  |  | |
| Haskou | Abdullah | Interdigital |  |  |  | **x** |  |  |  |  |  | |
| Hervieu | Lili | Cable TV Labs |  |  |  |  |  |  |  |  | **x** | |
| Levy | Joseph | Interdigital | **x** | **x** | **x** | **x** | **x** | **x** |  | **x** | **x** | |
| Lisa | Ward | Rohde&Schwarz |  |  |  |  | **x** |  |  |  |  | |
| Roy | Dick | Self | **x** | **x** | **x** |  |  |  |  | **x** | **x** | |
| Schiessl | Sebastian | u-blox | **x** | **x** | **x** |  |  |  | **x** | **x** | | **x** |
| Yucek | Tevfik | Qualcomm |  |  |  |  |  |  |  |  |  | |

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

1. Chair presents slides 2 – 6 of 802.18-20/0048r01, the call to order and administrative items
   1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 7, of 802.18-20/0048r01, 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 8-10, 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 due Monday 06 April**
   5. For Friday(20th) EC close will have a discussion topic on the motion and ballot
   6. Then will start the 10-day LMSC(EC) ballot, , seems the less risky.
      1. **need to approve this Thursday, 19March, tomorrow.**
   7. **A summary of the comments has been done with focus on 3 points:** 
      1. Pro/Con/Neutral – Supportive of reallocation of 45 MHz from ITS to U-NII
      2. Pro/Con/Neutral - Commented on DSRC
      3. Yes/No - Discussed technical issues regarding OOBE
      4. <https://mentor.ieee.org/802.18/dcn/>[20/18-20-0038](https://mentor.ieee.org/802.18/dcn/20/18-20-0038)
   8. **A draft of reply comments document :**
   9. [**https://mentor.ieee.org/802.18/dcn/20/18-20-0045**](https://mentor.ieee.org/802.18/dcn/20/18-20-0045-00-0000-reply-comments-fcc19-138-nprm-revisiting-5-850-5-925-ghz-band.docx)
   10. **r02 is a semi-clean copy of the inputs/text we have, to finish up edits and cleanups.**
   11. **Goal is to have ready to approve tomorrow, 19th.**
   12. **Potential direction for reply comments from earlier:** 
       1. Stay away from band split, we are neutral, though a big point by many.
       2. **What about anti-DSRC (/IEEE) comments? This may be a priority.** 
          * 1. With this respond to pro-C-V2X comments with our pro-DSRC.
       3. Should consider “fit for purpose” and can support other commenters with this. We should be able to do this and stay away from band split.
       4. Any other points we should consider in our reply comments? need input from members
   13. **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 11, Actions required
   1. **Any basic editorial level updates needed in the reply comments?** 
      1. **Time does not allow for any content updates, unless just a few minutes to review and approve.**
6. Chair presents slide 12 Any Other Business
   1. did not have time.
7. Chair presents slide 13, Adjourn
   1. **Next weekly teleconference (scheduled to 07May): 19Mar20–*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. Adjourn:
      1. Agenda complete, any objection to Adjourn.
      2. None heard, Adjourn at 17:05et
   3. **Thank You**