IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 31 Jan 19 | | | | |
| Name | Affiliation | Address | Phone | Email |
|  | | | | |
| Author(s): | | | | |
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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 Teleconference.

These are the Minutes of the IEEE 802 RR-TAG Teleconference, Thursday, 31 Jan 19

**Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **29Nov** | **06Dec** | **13Dec** | **20Dec** | **27Dec** | **03Jan** | **10Jan** | **28Jan** | **31Jan** |
| Auluck | Vijay | Self Employed | **Ⅹ** |  |  |  |  | X |  | X |  |
| Ecclesine | Peter | Cisco Systems, Inc. | **Ⅹ** | **Ⅹ** |  |  |  | X | X | X | X |
| Harrington | Timothy | Pro-ID Consulting | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |  |  |  |
| Holcomb | Jay | Itron Inc. | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **X** | **X** | X | **X** |
| Jeffries | Timothy | Huawei Technologies |  |  | **Ⅹ** | **Ⅹ** |  |  |  |  |  |
| Kain | Carl | Noblis Inc. |  |  |  | **Ⅹ** |  | X |  | X | X |
| Kennedy | Richard | Self | **Ⅹ** |  | **Ⅹ** |  |  |  |  |  | X |
| Kerry | Stuart | ARRIS/Ruckus |  | **Ⅹ** |  |  |  |  | X |  |  |
| Lansford | James | Qualcomm |  |  |  |  |  |  |  |  |  |
| Lepp | James | BlackBerry |  |  |  |  |  |  | X | X | X |
| Lynch | Mike | MJLynch Assoc | **Ⅹ** |  |  |  | **Ⅹ** | **X** | **X** |  | **X** |
| Notor | John | Notor Research |  |  |  |  |  |  |  |  |  |
| Yaghoobi | Hassan | Intel Corporation | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |  | X |  | X |
| Verso | Billy | DecaWave |  | **Ⅹ** |  |  |  |  | X |  |  |
| Zhu | Chunhui | Huawei Technologies | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |  |  |  |

**Non-Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **29Nov** | **06Dec** | **13Dec** | **20Dec** | **27Dec** | **03Jan** | **10Jan** | **28Jan** | **31Jan** |
| Boldy | David | Broadcom | **Ⅹ** |  |  |  |  |  |  |  |  |
| Cook | Charles | Windstream Communications |  |  |  |  |  |  |  |  |  |
| Fischer | Michael | NXP Semiconductors |  |  |  |  |  |  |  | **X** | **X** |
| Hamilton | Mark | ARRIS/ Ruckus |  |  |  |  |  |  |  |  |  |
| Hervieu | Lilli | CableLabs |  |  |  |  |  |  |  |  |  |
| Kenney | John | Toyota ITC |  | **Ⅹ** | **Ⅹ** | **Ⅹ** |  | **X** | **X** | **X** | **X** |
| Nejatian | Alireza | Ericsson | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  | **X** |  |  | **X** |
| Rajkotia | Purva | IEEE Staff |  |  |  |  |  |  |  |  | **X** |
| Rolfe | Ben | Blind Creek Assoc. and UWB Alliance |  | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **X** | **X** |  | **X** |
| Yucek | Tevfik | Qualcomm |  |  |  |  |  |  |  |  |  |

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

1. Chair presents slides 2, 3, and 4 of 802.18-19/0012r01, the call to order and administrative items
   1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 5, of 802.18-19/0012r01, the agenda:
   1. Call to Order
   2. Administrative items
      1. Need a recording secretary, Peter Ecclesine (Thank You)
   3. Approve agenda & last minutes
   4. Discussion items
      1. EU Items
      2. U.S. DoT Releases Request for Comment (RFC) on Vehicle-to-Everything (V2x) Communications
      3. ACMA consultation for 5G and 60GHz band
      4. General Discussion Items
         1. Japan MIC consultation at 5GHz
   5. Actions required
      1. Comment input for DoT and ACMA
      2. And anything new today
   6. AOB and Adjourn
3. Chair presents slides 6 and 7, Administrative – Motions and more
   1. The Chair noted an RR-TAG is need of a vice-chair and secretary, is there anyone that can help?
   2. **Motion: To approve the agenda as presented on previous slide**
      1. Moved by: Peter Ecclesine (Cisco)
      2. Seconded by: Hassan Yaghoobi (Intel)
      3. Discussion? None
      4. Vote: Unanimous consent
   3. **Motion:** **To approve the minutes from the IEEE 802.18 teleconference 10 January 2018 in document:** [**https://mentor.ieee.org/802.18/dcn/19/18-19-0004-00-0000-minutes-10jan19-rr-tag-teleconference.docx**](https://mentor.ieee.org/802.18/dcn/19/18-19-0004-00-0000-minutes-10jan19-rr-tag-teleconference.docx) **Posted:** 11-Jan-2019 12:28:36 ET
      1. Moved by: Mike Lynch (MJLynch Assoc.)
      2. Seconded by: Hassan Yaghoobi (Intel)
      3. Discussion? None
      4. Vote: Unanimous consent
   4. **Motion: To approve the minutes from the IEEE 802.18 ad hoc teleconference 28 January 2018 in document:** [**https://mentor.ieee.org/802.18/dcn/19/18-19-0011-00-0000-minutes-ad-hoc-28-jan-2019-rr-tag.docx**](https://mentor.ieee.org/802.18/dcn/19/18-19-0011-00-0000-minutes-ad-hoc-28-jan-2019-rr-tag.docx) **Posted:** 30-Jan-2019 12:55:38 ET
      1. Moved by: Peter Ecclesine (Cisco)
      2. Seconded by: Jay Holcomb (Itron)
      3. Discussion? None
      4. Vote: Unanimous consent
4. Chair presents slide 8-9, EU Items review.
   1. ETSI BRAN receiver performance: BRAN(19)000010r1 will be revised with additions for all 5 GHz receiver parameters. Consultant is working with BRAN and its members.
5. Chair presents slides 10-15, U.S. DoT Releases RFC on V2x Communications
   1. Includes background information and links on the RFC.
      1. The RFC can be found at [www.transportation.gov/v2x](http://www.transportation.gov/v2x)
      2. Or in Mentor: <https://mentor.ieee.org/802.18/dcn/18/18-18-0166-00-0000-usdot-v2x-communciations-request-for-comments.docx>
      3. **Comments in:** <https://www.regulations.gov/document?D=DOT-OST-2018-0210-0001>
   2. Comments due 25 Jan 19.
      1. Though there is an unofficial extension of 30 days, to make it 24 February, IEEE will take advantage of.
   3. The DoT site has 17 postings so far, and not likely to be delayed. We might want an ad hoc next week.
   4. Chair asked if anyone has heard of any changes to the RFC or dates, with the USA government open again? None heard.
   5. **To meet 24 Feb 19, need to approve by teleconference on 14 Feb 19.** 
      1. We have 2 teleconferences to finish, 07 Feb and 14 Feb.
      2. Do we need more Ad Hoc s, 05, 06 Feb and 11, 12 or 13 Feb.?
         1. Yes, will be announced on the list server email. Decided on Wednesday 06 Feb, 16:00et/13:00pt.
   6. One main point brought up that is not clear in the text of the RFC, however is pertinent to the intent of the RFC, and that is, who owns and/or operates the V2X systems?
      1. Here the meta data captured would have privacy/security concerns as it shows who is where and when and more.
      2. Then if non-government owned, e.g. Telecom Operator, what happens to all this meta data?
      3. Continued discussion on this.
   7. Also some discussion on new technologies and how they could be handled, or not, which is in the RFC.
      1. A key is the governments would rather have ownership and control of these systems.
      2. Here 802.11bd plan to be a clean upgrade from 802.11p is an important point to be sure the DoT is aware.
   8. A member has an outline for Q1 and went through it getting some feedback to consider when doing the text. See Doc. <https://mentor.ieee.org/802.18/dcn/19/18-19-0008-01-0000-usdot-v2x-communciations-rfc-ieee-802-comments.docx>. Q1 is one of the 2 major questions we need to answer. This member will look at Q4 that is related also.
   9. Another member has first draft text for Q2, the other major question, and went through it and picked up some good feedback. Will send to chair to integrate into next revision of the 18-19/0008 doc.
      1. This member also will look at Q3 (related to Q4) and also a couple of sentences for Q9.
6. Slide 16 is a reference for info and link to the EC Draft Law on Vehicle Communications we might be able to point to in our DoT comments;
   1. [https://ec.europa.eu/info/law/better-regulation/initiatives/ares-2017-2592333\_en#isc-2018-08207](https://urldefense.proofpoint.com/v2/url?u=https-3A__ec.europa.eu_info_law_better-2Dregulation_initiatives_ares-2D2017-2D2592333-5Fen-23isc-2D2018-2D08207&d=DwMFAg&c=pqcuzKEN_84c78MOSc5_fw&r=z8R-nWJ8GIxwjOjNKhEFByb-tZ6XE3GZXWSggNdVo-w&m=IHRKZ4TyKO236Jqb08bEB_oaVJx567dVqQOVMQvZxww&s=YW9ZhMp3aTUzjKhFe_wc7QNOufyElAqclS8eAMVCmPQ&e=)
   2. <https://mentor.ieee.org/802.18/dcn/19/18-19-0007-00-0000-european-commission-v2x-draft-law.docx>
7. Chair presents slide 17-19, ACMA - Proposed updates to class licensing arrangements supporting 5G and other technology innovations
   1. For more details see [IFC 45/2018 Class licensing updates: Supporting 5G and other technology innovations](https://www.acma.gov.au/theACMA/class-licensing-updates-supporting-5g-and-other-technology-innovations)
   2. Comments close 22 February 2019.
   3. **To meet 22 Feb 19, need to approve by teleconference on 14 Feb 19, yes same as the DoT comments.**
   4. A member has done a very nice and complete draft on comments. He summarized it and a few edits to do. See: <https://mentor.ieee.org/802.18/dcn/19/18-19-0014-00-0000-comments-to-acma-on-proposed-updates-to-class-licensing-arrangements.docx>
   5. During the discussion a member notes there are several 802.15.3 devices going into the band with aligned channelization to 71 GHz. He will get some text/points to the author for inclusion into the comments.
8. Chair skips past slide 20, General Discussion Items. Will bring up on a future call.
   1. Japan MIC has recently started a consultation on its report related to the high efficiency wireless LAN, including the possibility of opening channel 144 for unlicensed operation.
9. Chair talks to slide 21 quickly, Actions Required
   1. Send in comment text on DOT’s Request for Comments on V2X.
   2. Send in comment text on ACMA consultation that had 60GHz.
10. Chair asks if, Any Other Business, none heard
11. Chair talks to slide 23, Adjourn
    1. Next teleconference: 07 Feb 2019 – 15:00 – <15:55 ET
       1. Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-11-0000-teleconference-call-in-info.pptx> (or latest)
       2. Note: If the call-in link doesn’t work send the Chair an email right away.
       3. All 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 15:55 ET.
    3. The next face to face meeting of the 802.18 RR-TAG will be at the IEEE 802 11-15 March 19 the Plenary in the Hyatt Regency Vancouver and Fairmont Hotel Vancouver, Vancouver, BC, Canada
       1. Time slots, Tuesday AM2 and Thursday AM1