IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 07 Feb 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, 07 Feb 19

**Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **13Dec** | **20Dec** | **27Dec** | **03Jan** | **10Jan** | **28Jan** | **31Jan** | **06Feb** | **07Feb** |
| Auluck | Vijay | Self Employed |  |  |  | X |  | X |  |  |  |
| Ecclesine | Peter | Cisco Systems, Inc. |  |  |  | X | X | X | X |  | X |
| Harrington | Timothy | Pro-ID Consulting | **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 |  | X |
| Kennedy | Richard | Self | **Ⅹ** |  |  |  |  |  | X |  |  |
| Kerry | Stuart | ARRIS/Ruckus |  |  |  |  | X |  |  |  | X |
| Lansford | James | Qualcomm |  |  |  |  |  |  |  |  |  |
| Lepp | James | BlackBerry |  |  |  |  | X | X | X |  | X |
| Lynch | Mike | MJLynch Assoc |  |  | **Ⅹ** | **X** | **X** |  | **X** |  | **X** |
| Notor | John | Notor Research |  |  |  |  |  |  |  |  |  |
| Yaghoobi | Hassan | Intel Corporation | **Ⅹ** |  |  |  | X |  | X |  | X |
| Verso | Billy | DecaWave |  |  |  |  | X |  |  |  |  |
| Zhu | Chunhui | Huawei Technologies | **Ⅹ** | **Ⅹ** |  |  |  |  |  |  |  |

**Non-Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **13Dec** | **20Dec** | **27Dec** | **03Jan** | **10Jan** | **28Jan** | **31Jan** | **06Feb** | **07Feb** |
| Boldy | David | Broadcom |  |  |  |  |  |  |  |  |  |
| Cook | Charles | Windstream Communications |  |  |  |  |  |  |  |  |  |
| Fischer | Michael | NXP Semiconductors |  |  |  |  |  | **X** | **X** | **X** | **X** |
| Hamilton | Mark | ARRIS/ Ruckus |  |  |  |  |  |  |  |  |  |
| Hervieu | Lilli | CableLabs |  |  |  |  |  |  |  |  |  |
| Kenney | John | Toyota ITC | **Ⅹ** | **Ⅹ** |  | **X** | **X** | **X** | **X** |  |  |
| Nejatian | Alireza | Ericsson | **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 802.18-19/0017r01, the call to order and administrative items
   1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 5, of 802.18-19/0017r01, 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 slide 6, Administrative – Motions and more
   1. The Chair noted an RR-TAG is in 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: Stuart Kerry (Ruckus)
      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 31 January 2019 in document:** [**https://mentor.ieee.org/802.18/dcn/19/18-19-0013-00-0000-minutes-31jan19-rrtag-teleconference.docx**](https://mentor.ieee.org/802.18/dcn/19/18-19-0013-00-0000-minutes-31jan19-rrtag-teleconference.docx) **Posted:** 01-Feb-2019 09:47:29 ET
      1. Moved by: Jay Holcomb (Itron))
      2. Seconded by: Stuart Kerry (Ruckus)
      3. Discussion? None
      4. Vote: Unanimous consent
   4. For the notes, the Feb 6 ad hoc was not attended well enough to minute.
4. Chair presents slide 7-8, EU Items review.
   1. **ETSI –** [<BRAN>](https://portal.etsi.org/tb.aspx?tbid=287&SubTB=287) **next meeting #101, 25-28 Feb, Sophia Antipolis** 
      1. Call: 30 Jan: [RX Req. in EN 301 893](http://portal.etsi.org/webapp/MeetingCalendar/MeetingDetails.asp?m_id=35800)
         * 1. Good progress on the Rx Req., see posted document (19) 000010r3.
      2. Call: 01 Feb: [5.8 GHz in EN 301 893](http://portal.etsi.org/webapp/MeetingCalendar/MeetingDetails.asp?m_id=35799)
         1. Standard now modularized for adding other bands; 5.8 GHz band now, next could be a 6 GHz band.
         2. This will speed up to have a HS for the additional bands.
         3. New draft 2.1.12 is available.
   2. **CEPT – ECC** [<SE45>](https://cept.org/ecc/groups/ecc/wg-se/se-45/client/introduction/) **next meeting #7, 24-25 Apr, Copenhagen**
      1. Report is in Administrations consultation,
      2. Public consultation starts 14 Feb, its due date move up to 01 April.
   3. **CEPT – ECC** [<FM57>](https://cept.org/ecc/groups/ecc/wg-fm/fm-57/client/introduction/) **next call #4.2, 11 Feb; next meeting #5, 26 Apr, Copenhagen**
      1. Showed their report ‘A’ in WGFM last Monday, much dismay what was chosen to remove the details from the SE 45 report.
      2. A new exec summary for report A is being worked on, on the different contributions on sharing analysis.
      3. The call on 11th is last time to make changes before report A moves on
5. Chair presents slides 9-14, 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>
      4. There are 18 comments filed already and nothing obviously new on the site for an extension.
   2. Comments due 25 Jan 19. With unofficial extension of 30 days, makes it 24 February.
   3. **To meet 24 Feb 19, need to approve by teleconference on 14 Feb 19.** 
      1. We have 1 teleconference to finish, 14 Feb.
      2. Next Ad Hoc: Monday 11Feb., 16:00et/13:00pt.
      3. And will do a place holder Ad Hoc for next Wednesday, 13Feb., 17:00et/14:00pt., and agreement was heard.
      4. Worked on the draft comments with a fair amount of work to do, and three questions seem to have good answers, with a focus on 11bd.
         1. <https://mentor.ieee.org/802.18/dcn/>[19/18-19-0008-03-0000-usdot-v2x-communciations-rfc-ieee-802-comments.docx](https://mentor.ieee.org/802.18/dcn/19/18-19-0008-03-0000-usdot-v2x-communciations-rfc-ieee-802-comments.docx)
6. Chair presents slide 15-18, 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)
      1. There are 3 documents on mentor also: 18-18/0163, 0164 and 0165.
   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. **Comments are well on the way, and in very good shape thanks to a member.**
   5. An 802.15 member will still look at adding about 802.15.3 to make stronger.
   6. <https://mentor.ieee.org/802.18/dcn/19/18-19-0014-03-0000-comments-to-acma-on-proposed-updates-to-class-licensing-arrangements.docx>
7. Chair present slide 19, General Discussion Items.
   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.
8. Chair talks to slide 19 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.
9. Chair asks if, Any Other Business, none heard
10. Chair talks to slide 21, Adjourn
    1. Next teleconference: 14 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 15:57 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
       2. Note: this Plenary has Fellowship attendees; Monday AM2 is the 802.18 tutorial for them.