IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 10 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, 10 Jan 19

**Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **11/01** | **11/08** | **11/29** | **12/06** | **12/13** | **12/20** | **12/27** | **01/03** | **01/10** |
| Auluck | Vijay | Self Employed | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |  |  | x |  |
| Ecclesine | Peter | Cisco Systems, Inc. | **Ⅹ** |  | **Ⅹ** | **Ⅹ** |  |  |  | x | x |
| Harrington | Timothy | Pro-ID Consulting | **Ⅹ** | **Ⅹ** | **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 |  |
| Kennedy | Richard | Self |  | **Ⅹ** | **Ⅹ** |  | **Ⅹ** |  |  |  |  |
| Kerry | Stuart | ARRIS/Ruckus | **Ⅹ** |  |  | **Ⅹ** |  |  |  |  | x |
| Lansford | James | Qualcomm |  |  |  |  |  |  |  |  |  |
| Lepp | James | BlackBerry |  |  |  |  |  |  |  |  | x |
| Lynch | Mike | MJLynch Assoc | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |  | **Ⅹ** | **x** | **x** |
| Notor | John | Notor Research | **Ⅹ** | **Ⅹ** |  |  |  |  |  |  |  |
| Yaghoobi | Hassan | Intel Corporation | **Ⅹ** |  | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |  | x |
| Verso | Billy | DecaWave |  |  |  | **Ⅹ** |  |  |  |  | x |
| Zhu | Chunhui | Huawei Technologies | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |  |

**Non-Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **11/01** | **11/08** | **11/29** | **12/06** | **12/13** | **12/20** | **12/27** | **01/03** | **01/10** |
| Boldy | David | Broadcom |  |  | **Ⅹ** |  |  |  |  |  |  |
| Cook | Charles | Windstream Communications | **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** |  |
| Rolfe | Ben | Blind Creek Assoc. and UWB Alliance | **Ⅹ** |  |  | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **x** | **x** |
| Yucek | Tevfik | Qualcomm | **Ⅹ** |  |  |  |  |  |  |  |  |

1. Chair calls the meeting to order at 15:03 ET.
2. Chair presents slides 2, 3, and 4 of 802.18-19/0003r01, the call to order and administrative items
   1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
3. Chair presents slides 5, of 802.18-10/0003r01, the agenda:
   1. Call to Order
   2. Administrative items
      * Need a recording secretary, Peter Ecclesine
   3. Approve agenda & last minutes
   4. Discussion items
      * EU Items
      * 5GAA Waiver to Allow ITS C-V2x
      * NTIA National Spectrum Strategy
      * U.S. DoT Releases Request for Comment (RFC) on Vehicle-to-Everything (V2x) Communications
      * ACMA consultation for 5G and 60GHz band
      * General Discussion Items
   5. Actions required
      * 5GAA comments EC Ballot
      * NTIA comments
      * And anything new today
   6. AOB and Adjourn
4. Chair presents slides 6 and 7, Administrative – Motions and more
   1. The Chair noted a long-term secretary and vice-chair are also needed.
      * It was brought up a 802.11 Liaison is going to be needed for St. Louis Interim next week.
   2. Motion: To approve the agenda as presented on previous slide
      * Moved by: Stuart Kerry (Ruckus)
      * Seconded by: Mike Lynch (MJLynch Assoc)
      * No discussion
      * Vote: Unanimous consent
   3. Motion: To approve the minutes from the IEEE 802.18 teleconference 20 December 2018 in document <https://mentor.ieee.org/802.18/dcn/18/18-18-0167-00-0000-minutes-20dec18-rr-tag-teleconference.doc> Posted: 20-Dec-2018 11:07:13 ET
      * Moved by: no mover (Will move motion to future call, again.)
      * Seconded by:
      * No discussion.
      * Vote:
   4. Motion: To approve the minutes from the IEEE 802.18 teleconference 03 January 2019 in document: <https://mentor.ieee.org/802.18/dcn/18/18-19-0002-00-0000-minutes-03jan19-rr-tag-teleconference.docx> Posted: 04-Jan-2019 11:24:44 ET
      * Moved by: Mike Lynch (MJLynch Assoc)
      * Seconded by: Hassan Yaghoobi (Intel) )
      * No discussion
      * Vote: Unanimous consent
5. Chair presents slide 8-9, EU Items review, nothing reported this week, so we could move to needed comments.
6. Chair presents slide 10, 5GAA Waiver to Allow ITS C-V2x
   1. Timeline has changed:
      * Revised Comment Date: January 18, 2019
      * Revised Reply Comment Date: February 5, 2019
      * No extension unless FCC shutdown is still on the 18th**.**
   2. Links:
      * Waiver: <https://mentor.ieee.org/802.18/dcn/18/18-18-0152-01-0000-5gaa-waiver-to-allow-its-cellular-vehicle-to-everything-c-v2x.docx>
      * ECFS: <https://www.fcc.gov/ecfs/search/filings?proceedings_name=18-357&sort=date_disseminated,DESC>
      * Request for Comments:

<https://mentor.ieee.org/802.18/dcn/18/18-18-0158-00-0000-fcc-gn-18-357-5gaa-waiver-request-for-comments.pdf>

* 1. Worked on the comments in rev 05 of the document.
     + With excellent input from an 802.11bd member, only a few updates and cleanup.
     + Note: one member voiced concern on the conclusion to dismiss the waiver and would prefer our previous conclusion, to have 5GAA respond to the concerns, etc. After some discussion and due to time limits no changes were made.
  2. Chair presented slide 11, the motion:
     + **Motion:** Move to approve the comments in <https://mentor.ieee.org/802.18/dcn/18/18-18-0159-06-0000-fcc-gn-18-357-5gaa-waiver-ieee-802-comments.docx> to FCC’s request for comments (GN Docket No. 18-357) on 5GAA’s Petition for Waiver for use of C-V2X in the U-NII-4 band. With the chair of 802.18 to have editorial privileges and send to the EC for review/approval and submission to the FCC on or before 18 January 2019.

**Moved by: Peter Ecclesine**

**Seconded by: Mike Lynch**

**Discussion? none**

**Vote: \_6\_Y / \_0\_N / \_1\_A**

Motion passed and the chair will move to the EC for approval.

1. Chair rushes through at the end, slides 12-14, NTIA soliciting comments on National Spectrum Strategy
   1. No discussion on this call and we would have to approve next tuesday to make the current deadline.:
   2. Comments must be received by January 22, 2019
   3. <https://mentor.ieee.org/802.18/dcn/18/18-18-0168-00-0000-developing-a-sustainable-spectrum-strategy-for-america-s-future-ntia-request-for-comments.pdf>
   4. There are 5 points and 7 questions
   5. Have been asked to have 802.18 to review and do comments where appropriate.
2. Chair rushes through at the end slides 15-18, U.S. DoT Releases RFC on V2x Communications
   1. Comments due 25 Jan 19 (The TAG would need to approve comments by next Thursday at the Interim.
   2. <https://www.federalregister.gov/documents/2018/12/26/2018-27785/notice-of-request-for-comments-v2x-communications?utm_campaign=subscription%20mailing%20list&utm_source=federalregister.gov&utm_medium=email>
   3. There are 9 basic questions.
   4. Do we want to comment and if so which questions?
   5. Limited discussion and the Chair will let 802.11bd chair what plans are and if that task group would have any inputs.
3. presents slide 19-20, ACMA - Proposed updates to class licensing arrangements supporting 5G and other technology innovations
   1. No discussion on this call
   2. Comments close 22 February 2019
   3. 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)
   4. 2 IEE 802 folks are working on comments.
4. Chair presents slide 21, General Discussion Items
   1. FYI: Ireland has a further Consultation on the Release of the 410 **–** 415.5 / 420 **–** 425.5 MHz Sub-band (for Smart Grids)
      * <https://www.comreg.ie/publication-download/further-consultation-on-the-release-of-the-410-415-5-420-425-5-mhz-sub-band>
5. Chair presents slide 17, Actions Required
   1. 5GAA Waiver to Allow ITS C-V2X comments to EC for approval
   2. Send in comment text for NTIA’s RFC on spectrum strategy.
   3. Send in comment text on DOT’s Request For Comments on V2X.
   4. Be thinking about ACMA consultation that had 60GHz.
6. Chair presents slide 18, Any Other Business
   1. Asked if any additional agenda items needed for Interim next week, none heard.
7. Chair presents slide 19, Adjourn
   1. Next teleconference: 31 Jan 2019 – 15:00 – <15:55 ET
      * No teleconference 24 Jan 2019
      * Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-11-0000-teleconference-call-in-info.pptx> (or latest)
      * Note: If the call-in link doesn’t work send the Chair an email right away.
      * All changes/cancellations will be sent out to the 802.18 list server.
   2. Adjourn:
      * Agenda complete, any objection to Adjourn.
      * None heard, Adjourn at 15:56 ET.
   3. The next face to face meeting of the 802.18 RR-TAG will be at the IEEE 802 13-18 January19 the Wireless Interim in St. Louis, MO, USA at the Hilton St Louis at the Ballpark.
      * Time slots, Tuesday AM2 and Thursday AM1