IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 26 Dec 2019 | | | | |
| 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 Teleconference.

These are the Minutes of the IEEE 802 RR-TAG Teleconference, Thursday, 26 Dec 2019

**Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **26dec** | **19dec** | **12dec** | **05dec** | **21nov** | **07nov** | **24oct** | **17oct** | **03oct** |
| Auluck | Vijay | Self Employed |  |  | **x** | **x** | **x** | **x** | **x** |  | **x** |
| Ecclesine | Peter | Cisco Systems, Inc. |  | **x** | **x** |  |  | **x** | **x** | **x** | **x** |
| Harrington | Tim | Pro ID & UWB Alliance |  | **x** |  |  |  |  |  |  | **x** |
| Holcomb | Jay | Itron Inc. | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Jefferies | Tim | FutureWei |  | **x** |  |  |  |  |  |  |  |
| Kain | Carl | Noblis, Inc. |  | **x** | **x** | **x** |  |  |  |  |  |
| Kenney | John | Toyota ITC |  | **x** | **x** | **x** |  | **x** |  |  |  |
| Kerry | Stuart | Ruckus/ |  |  |  |  |  | **x** |  |  | **x** |
| Lansford | Jim | Qualcomm |  |  | **x** |  |  |  |  |  |  |
| Lepp | James | BlackBerry |  | **x** | **x** |  | **x** |  |  |  |  |
| Lynch | Mike | MJLynch Assoc | **x** | **x** |  | **x** | **x** |  | **x** | **x** | **x** |
| Mody | Apurva | AIRANACULUS |  |  |  |  |  |  |  |  | **x** |
| Nikolich(lmsc) | Paul | Self and others |  |  |  |  |  |  |  |  |  |
| Rolfe | Ben | Blind Creek Assoc. & UWB All. | **x** | **x** | **x** | **x** | **x** |  | **x** |  | **x** |
| Sarris | Ioannis | u-blox |  |  |  | **x** |  |  |  |  |  |
| Scott | Andy | NCTA |  |  |  |  |  |  |  |  |  |
| Stanley (lmsc) | Dorothy | HPE |  | **x** | **x** |  |  |  |  |  |  |
| Verso | Billy | DecaWave |  |  |  |  |  |  |  |  |  |
| Yaghoobi | Hassan | Intel Corporation |  | **x** | **x** | **x** |  |  |  | **x** | **x** |

**Non-Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **26dec** | **19dec** | **12dec** | **05dec** | **21nov** | **07nov** | **24oct** | **17oct** | **03oct** |
| Aboul-Magd | Osama | Huawei |  |  |  |  | **early** |  |  |  |  |
| Au | Edward | Huawei | **x** |  | **x** |  | **x** |  |  |  |  |
| Hervieu | Lili | Cable TV Labs |  | **x** |  | **x** |  |  |  |  |  |
| Levy | Joseph | Interdigital |  | **x** |  | **x** | **x** |  |  | **x** | **x** |
| Perkins | Richard | Qorvo |  | **x** |  |  |  |  |  |  |  |
| Yucek | Tevfik | Qualcomm |  | **x** |  |  |  |  |  |  |  |

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

Apologies for anyone that tried to connect the first 6-7 minutes. A webex challenge delayed getting the meeting going until about the 7-minute mark. Then a discussion do we have the call or not, and decision was to proceed.

1. Chair presents slides 2 – 6 of 802.18-19/0164r01, the call to order and administrative items
   1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 7, of 802.18-19/0164r01, the agenda:
   1. Call to Order
   2. Administrative items
      1. Someone to take some notes: Chair.
   3. Approve agenda & last minutes
   4. Discussion items
      1. EU Items
      2. ITU-R Items
      3. Ofcom Consultation license exempt
      4. FCC 5.9 GHz FCC’s draft NPRM
      5. General Discussion Items
   5. Actions required
      1. FCC 5.9 GHz NPRM contributions
      2. Ofcom consultation comments
      3. Anything new today
      4. Later: WRC-xx Agenda Items, interest to IEEE 802
   6. AOB and Adjourn
3. Chair presents slide 8, Administrative – Motions and more
   1. **Motion:** To approve the agenda as presented on previous slide

Moved by: Mike Lynch (MJLynch Assoc.)

Seconded by: Ben Rolfe (Blind Creek Assoc.)

Discussion? None

Vote: Approved by unanimous consent

* **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 19 Dec 2019 in document <https://mentor.ieee.org/802.18/dcn/19/18-19-0159-00-0000-minutes-19dec19-rrtag-teleconference.docx> 20-Dec-2019 07:55:27 ET

Moved by: Mike Lynch (MJLynch Assoc.)

Seconded by: Ben Rolfe (Blind Creek Assoc.)

Discussion? None

Vote: Approved by unanimous consent

* 1. The Chair noted the RR-TAG is in need of a vice-chair and secretary**, is there anyone that can help?** nothing heard

1. Chair presents slides 9-10, EU items to share
   1. Nothing to share.
2. Chair presents slide 11, ITU-R items to share
   1. Nothing to share.
3. Chair presents slide 12, **Ofcom consultation license exempt**
   1. **Ofcom consultation on changes to the licence exemption for Wireless Telegraphy Devices; closing 17 Jan 20 (02jan for us).** [**<click here, long link>**](https://www.ofcom.org.uk/consultations-and-statements/category-3/proposal-changes-licence-exemption-wireless-telegraphy-devices?utm_medium=email&utm_campaign=Ofcom%20consults%20on%20new%20regulations%20for%20short%20range%20wireless%20devices&utm_content=Ofcom%20consults%20on%20new%20regulations%20for%20short%20range%20wireless%20devices+CID_3d9e647de99bfd4993b55510c88bf5d5&utm_source=updates&utm_term=published%20proposals)
      * 1. Mentor: <https://mentor.ieee.org/802.18/dcn/19/18-19-0160-00-0000-ofcom-consultation-exemptions-wireless-telegraphy.pdf>
        2. To implement the decision on SRD applications within the 874 to 876 and 915 to 921 MHz bands, we are proposing to make the Wireless Telegraphy (Exemption and Amendment) (Amendment) Regulations 2020 and to update the technical requirements for applications contained in UK Interface Requirement (IR 2030). Our proposal will allow several new SRD applications such as networked SRDs and advanced radio-frequency identification devices (RFIDs) to operate on a licence-exempt basis.
      1. Have received some input for possible filing:
         1. <https://mentor.ieee.org/802.18/dcn/19/18-19-0161-00-0000-ofcom-consultation-comments-ieee-802-exemptions-wireless-telegraphy.odt>
      2. Another input on request to add 873 – 874.4 MHz with the 874-876 MHz band, seems it was missed in the consultation.
      3. Reviewed …r01 and with some discussion no edits. (need to approve next week, 02jan at the latest)
         1. All please review the simple comments
4. Chair presents slide 13-18, FCC’s 5.9 GHz NPRM
   1. Nothing today.
5. Chair presents slide 19, General discussion items
   1. Nothing today
6. Chair presents slide 20, Actions required
   * **Contributions for 5.9 GHz NPRM, maybe go through the Seek Comments and which ones could we focus on.**
   * **Input on Ofcom proposed brief comments.**
   1. Soon (after 5.9 GHz):

* **Start to consider what are IEEE 802 viewpoints are for WRC-23 agenda items.** 
  1. Ongoing:
     1. WPT use of license-exempt bands and UWB in cell phones
     2. Digital Divide, how can we help?

1. Chair presents slide 21 Any Other Business
   1. Nothing heard
2. Chair presents slide 22, Adjourn
   1. Next teleconference: 02Jan2020 – 15:00 – <15:55 ET
      1. Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-13-0000-teleconference-call-in-info.pptx> (or latest) *(new call in on 09Jan)*
      2. All late changes/cancellations will be sent out to the 802.18 listserver.
   2. Will meet on 02 Jan also.
   3. Adjourn:
      1. Agenda complete, any objection to Adjourn.
      2. None heard, Adjourn at 15:41 ET.
   4. The next face to face meeting of the 802.18 RR-TAG will be at the IEEE 802, 12–17 Jan. 2019 Wireless Interim in the Hotel Irvine, Irvine, California, USA
   5. Normal time slots, Tuesday AM2 and Thursday AM1 (8:30 start) – remember no reciprocal from other WGs
   6. **Thank You**