IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 08 Aug 2019 | | | | |
| 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, 08 Aug 2019

**Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **08aug** | **01aug** | **30jul** | **25jul** | **02may** | **09may** | **30may** | **06jun** | **13jun** |
| Auluck | Vijay | Self Employed | **x** | **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** | **x** |  |  |  | **x** | **x** |
| Holcomb | Jay | Itron Inc. | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Kenney | John | Toyota ITC | **x** |  |  |  | **x** | **x** |  | **x** | **x** |
| Kerry | Stuart | ARRIS/Ruckus | **x** |  |  |  | **x** | **x** | **x** |  | **x** |
| Lynch | Mike | MJLynch Assoc | **x** | **x** |  | **x** |  | **x** |  | **x** | **x** |
| Nikolich(lmsc) | Paul | Self and others |  |  |  |  |  | **x** | **x** | **x** | **x** |
| Rolfe | Ben | Blind Creek Assoc. & UWB All. | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Scott | Andy | NCTA |  | **x** |  |  |  |  |  |  |  |
| Stanley (lmsc) | Dorothy | HPE |  |  |  |  |  | **x** |  |  |  |
| Verso | Billy | DecaWave |  | **x** | **x** |  | **x** |  |  |  |  |
| Yaghoobi | Hassan | Intel Corporation |  | **x** | **x** | **x** |  | **x** | **x** |  |  |

**Non-Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **08aug** | **01aug** | **31jul** | **25jul** | **02may** | **09may** | **30may** | **06jun** | **13jun** |
| Au | Edward | Huawei | **x** | **early** | **x** | **x** |  |  |  |  |  |
| Caldwell | Winston | Fox |  |  | **x** |  |  |  |  |  | **x** |
| Levy | Joseph | Interdigital | **x** | **x** | **x** | **x** |  |  | **x** |  |  |
| Sherlock | Ian | TI |  |  |  | **x** |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

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

1. Chair presents slides 2, 3, and 4 of 802.18-19/0107r01, the call to order and administrative items
   1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 5, of 802.18-19/0107r01, the agenda:
   1. Call to Order
   2. Administrative items
      1. Need a recording secretary, Peter Ecclesine (Cisco), thanks!
   3. Approve agenda & last minutes
   4. Discussion items
      1. EU Items
      2. ITU-R Items
      3. General Discussion Items
   5. Actions required

      2. Anything new today
   6. AOB and Adjourn
3. Chair presents slide 6, Administrative – Motions and more
   1. **Motion:** To approve the agenda as presented on previous slide

Moved by: Peter Ecclesine (Cisco Systems)

Seconded by: Stuart Kerry (Ruckus)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 01 August 2019 in document <https://mentor.ieee.org/802.18/dcn/19/18-19-0105-00-0000-minutes-01aug19-rrtag-teleconference.docx> Posted: 02-Aug-2019 07:35:01 ET

Moved by: Ben Rolfe (Blind Creek Assoc.)

Seconded by:

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?** no response

1. Chair presents slides 7-8, EU items to share
   1. **ETSI –** [<BRAN>](https://portal.etsi.org/tb.aspx?tbid=287&SubTB=287) **next meeting #103, 07-10 Oct 2019, Sophia Antipolis**
      1. Couple of go-to meeting calls next week. One call is on the multiple carriers where an interior channel is not there, how do the emissions limits work.
      2. There is a contribution from RAN4 on the BRAN site.
      3. Chair nominations must be posted by 06 Sept.
2. Chair presents slides 9, ITU-R items to share
   1. A place holder for now, a works in progress.
3. Chair skips slides 10, a place holder blank
4. Chair presents slides 11-12, General discussion items
   1. **South Africa (ICASA): NOTICE OF INTENTION TO AMEND ANNEXURE B OF THE RADIO FREQUENCY SPECTRUM REGULATIONS, 2015** 
      1. <https://www.icasa.org.za/news/2019/icasa-begins-a-process-to-review-annexure-b-of-the-radio-frequency-spectrum-regulations-of-2015>
      2. In this regard, ICASA has published a notice of its intention to amend Annexure B in the Government Gazette where interested stakeholders are invited to submit written representations with regards to the proposed amendments by close of business on 06 September 2019
      3. Several areas we could comment on, need to approve by 22 Aug.
      4. 1) go up to 71 GHz; 2) 5150-5250 remove indoor restriction; 3) should wait for WRC-19 and then harmonize with its results and EU
      5. Also was notes that in the 433MHz SRD band IEEE 802 15.4g has some spectrum there:

416 407–425  (China)  
433 MHz 433.05–434.79  
450 MHz 450–470  
470 MHz 470–510 (China)

* + 1. And for how ICASA has the 868MHz band in slivers 802.11ah would not work well with its minimum of 1MHz of spectrum. 802.15.4g could work there.
  1. **MCMC (Malaysia) WRC-19 consultation** 
     1. Input on AI 1.15 needed r14, along with some other grammar updates.
     2. Received last needed response this morning (Thursday), IEEE 802 Chair okay, the response was sent.
  2. **UWB petition for rule making** 
     1. LMSC ballot goes to the 14th, next Wednesday. Some edits needed, and many approvals in so far.
  3. **ACMA consultation:** 
     1. <https://www.acma.gov.au/theACMA/new-approaches-to-spectrum-sharing-1>
     2. Comments due 27 Sept, the RR\_TAG would need to approve by 12 Sept, before the Wireless Interim.
     3. Asking about sharing approaches and looking for feedback. They have 7 questions.
     4. They are looking at energy detection, similar to the 3.5 GHz access system
     5. A member will look at this and start some comments.
  4. **APT:** 
     1. APT Members examined the proposed new items for inclusion in the agenda of WRC-23 and agreed to consider identification for IMT in the 7 025-7 125 MHz frequency range, or parts thereof.
     2. In addition to frequency band 7 025-7 125 MHz, the frequency band 5 925-6 725 MHz was also considered for which consensus is yet to be reached at later stage.

1. Chair presents slide 13, Actions required
   * Continue to review the S. Africa consultation
   * ACMA start some comments.
   1. Ongoing:
   2. WPT use of license-exempt bands
   3. Digital Divide, how can we help?
2. Chair presents slide 14 Any Other Business
   1. Nothing brought up
3. Chair presents slide 15, Adjourn
   1. Next teleconference: 15 August 2019 – 15:00 – <15:55 ET
      1. Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-12-0000-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 15:48 ET.
   3. The next face to face meeting of the 802.18 RR-TAG will be at the IEEE 802, 17 – 19 Sept. 2019 Wireless Interim in the JW Marriott Hotel, Hanoi, Vietnam
      1. Normal time slots, Tuesday AM2 and Thursday AM1
      2. <http://www.mtgevents.com.au/ieee2019/visa-and-travel/>
   4. **Thank You**