IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 05 Sep 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, 05 Sep 2019

**Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **12 sep** | **05sep** | **29aug** | **22aug** | **15aug** | **08aug** | **01aug** | **30jul** | **25jul** |
| Auluck | Vijay | Self Employed |  | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Ecclesine | Peter | Cisco Systems, Inc. |  | **x** | **x** | **x** | **x** | **x** | **x** |  | **x** |
| Harrington | Tim | Pro ID & UWB Alliance |  | **x** |  | **x** | **x** |  | **x** | **x** | **x** |
| Holcomb | Jay | Itron Inc. |  | **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** |  |  |  |
| Lynch | Mike | MJLynch Assoc |  | **x** | **x** | **x** |  | **x** | **x** |  | **x** |
| Nikolich(lmsc) | Paul | Self and others |  |  |  | **x** |  |  |  |  |  |
| Rolfe | Ben | Blind Creek Assoc. & UWB All. |  | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Scott | Andy | NCTA |  |  |  | **x** | **x** |  | **x** |  |  |
| Stanley (lmsc) | Dorothy | HPE |  |  |  |  |  |  |  |  |  |
| Verso | Billy | DecaWave |  |  |  |  |  |  | **x** | **x** |  |
| Yaghoobi | Hassan | Intel Corporation |  | **x** | **x** |  | **x** |  | **x** | **x** | **x** |

**Non-Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **12sep** | **05sep** | **29aug** | **22aug** | **15aug** | **08aug** | **01aug** | **30jul** | **25jul** |
| Au | Edward | Huawei |  | **x** | **x** |  |  | **x** | early | **x** | **x** |
| Caldwell | Winston | Fox |  |  |  |  |  |  |  | **x** |  |
| Levy | Joseph | Interdigital |  | **x** | **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 802.18-19/0120r01, the call to order and administrative items
   1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 5, of 802.18-19/0120r01, 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. ACMA sharing consultation
      4. UWB ex parte (reply comments)
      5. General Discussion Items
   5. Actions required
      1. ACMA sharing comments
      2. UWB ex parte on comments
      3. 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: Stuart Kerry (Ruckus) )

Seconded by: Hassan Yaghoobi (Intel)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 29 August 2019 in document <https://mentor.ieee.org/802.18/dcn/19/18-19-0117-00-0000-minutes-29aug19-rrtag-teleconference.docx> Posted: 30-Aug-2019 07:46:54 ET

Moved by: Mike Lynch (MJLynch Assoc.)

Seconded by: Hassan Yaghoobi (Intel)

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. Chair nominations must be posted by 06 Sept.
      2. Ian Marshall from Ruckus has been posted.
      3. Others expected tomorrow. (Midnight CET Friday 6th)
2. Chair presents slides 9, ITU-R items to share
   1. There have been some regional prep meetings have started, minutes will be available. A place to start: <https://www.itu.int/en/ITU-R/conferences/wrc/2019/Pages/reg-prep.aspx>
3. Chair presents slides 10, **ACMA consultation on sharing:**
   * 1. <https://www.acma.gov.au/theACMA/new-approaches-to-spectrum-sharing-1>
     2. <https://mentor.ieee.org/802.18/dcn/19/18-19-0110-00-0000-acma-spectrum-sharing-new-approaches-consultation.docx>
     3. Comments due 27 Sept, the RR\_TAG would need to approve by 12 Sept, before the Wireless Interim.
     4. Asking about sharing approaches and looking for feedback. They have 7 questions.
     5. Had reviewed the questions and started some thoughts on them.
     6. Now will add the contributions as they come into the following:
     7. <https://mentor.ieee.org/802.18/dcn/19/18-19-0118-00-0000-acma-spectrum-sharing-consultation-802-comments.docx>, [or latest](https://mentor.ieee.org/802.18/dcn/19/18-19-0118).
   1. Some of the ACMA presentation slides are now available at:
      1. <https://www.acma.gov.au/theACMA/~/link.aspx?_id=435BBFAE656548B8BFD81099B517F66E&_z=z>
      2. including one related to case study on CBRS and 6 GHz AFC that may be of interest:
      3. <https://www.acma.gov.au/-/media/Spectrum-Transformation-and-Government/Presentation/Spectrum-sharing-tune-up_Aug-2019_Federated-Wireless-pdf.pdf?la=en>
4. Chair presents slides 11-12, **UWB petition for rule making**
   1. **UWB petition for rule making, public notice is out.**
   2. <https://www.fcc.gov/ecfs/search/filings?proceedings_name=RM-11844&sort=date_disseminated,DESC> (cg rm-11844)
   3. <https://ecfsapi.fcc.gov/file/10618992215487/2019%20FINAL%20PETITION%20FOR%20RULE%20MAKING%20for%20FCC%20Filing.pdf>
   4. <https://mentor.ieee.org/802.18/dcn/19/18-19-0079-00-0000-bosch-petition-for-rulemaking-uwb-devices-and-systems.pdf>
   5. Feedback heard, there is more than just updates from past waivers.
   6. Members continuing work on ex parte on reply comments.
   7. Will review an initial draft, and provide some feed back on edits, see:
   8. <https://mentor.ieee.org/802.18/dcn/19/18-19-0119-01-0000-draft-reply-comments-to-uwb-petition.docx> [**or latest**](https://mentor.ieee.org/802.18/dcn/19/18-19-0119)
   9. Will look to finish and approve Thursday, 12th, if not ready will try for Tuesday in Hanoi.
5. Chair presents slides 13-14, **general discussion items**
   1. **ACASA LMSC ballot status:** 
      1. Should be sent by the time of the teleconference (5th). LMSC was 4-11-0-0-3.
         1. 2 very simple edits.
   2. **FCC UWB waiver request**
      1. <https://www.fcc.gov/ecfs/search/filings?proceedings_name=19-246&sort=date_disseminated,>[DESC](https://www.fcc.gov/ecfs/search/filings?proceedings_name=19-246&sort=date_disseminated,DESC)
      2. TECHNOLOGY SEEKS COMMENT ON PIPER NETWORKS INC. REQUEST FOR WAIVER OF PART 15 RULES FOR ENHANCED TRANSIT LOCATION SYSTEM. (DA No. 19-865). (Dkt No 19-246). Comments Due: 2019-09-23. Reply Comments Due: 2019-10-08. OET
      3. Would need to approve comments next week, 12 Sept to meet deadline. A member will see if he has time to have something for next week.
      4. Key points: fixed locations (along tracks) and higher power in 6GHz band.
         1. Also directional antennas up and down the track.
      5. Is there enough information to make a technical determination about any possible interference?
      6. Chair will post the request.
         1. <https://mentor.ieee.org/802.18/dcn/19/18-19-0122-00-0000-piper-uwb-waiver-request-to-fcc.pdf>
   3. **18 Listserver was broken, sort-of fixed.** 
      1. Something happened Tuesday morning (27th), and the chair received 120 auto-deletes.
      2. These are the 120 that do not use a \_\_\_@ieee.org email. The 11 that use \_\_\_@ieee.org survived.
      3. A configuration (pretty deep in) changed to delete anything on a first bounce. (normally chair sees many bounces before being asked what to do…)
      4. Chair took the 120 emails, made an import file and uploaded. So should be back now.
6. Chair presents slide 15, Actions required
   * ACMA sharing consultation contributions to drop into the final comments from anyone.
   * UWB Bosch petition for rule making ex parte/reply comments on comments.
   * UWB waiver request by Piper for a track site system.
   1. Ongoing:
   2. WPT use of license-exempt bands
   3. Digital Divide, how can we help?
7. Chair presents slide 16 Any Other Business
   1. Nothing brought up
8. Chair presents slide 17, Adjourn
   1. Next teleconference: 12 September 2019 – 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.
      2. All late changes/cancellations will be sent out to the 802.18 list server.
      3. It was noted the new Google Calendar meeting call came out multiple times. The chair was asked to send out the link above and member’s calendars can be updated.
   2. Adjourn:
      1. Agenda complete, any objection to Adjourn.
      2. None heard, Adjourn at 15:54+ 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– remember no reciprocal from other WGs
      2. <http://www.mtgevents.com.au/ieee2019/visa-and-travel/>
      3. **Remember: bans on certain 15-inch MacBook Pro laptops on planes in any way.**
   4. **Thank You**