IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 11 July 2019 | | | | |
| Name | Affiliation | Address | Phone | Email |
|  | | | | |
| Recording Secretary | | | | |
|  | | | | |
| 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, 11 July 2019

**Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **25apr** | **02may** | **09may** | **30may** | **06jun** | **13jun** | **20jun** | **27jun** | **11jul** |
| Auluck | Vijay | Self Employed |  | **x** | **x** |  |  | **x** | **x** |  | **x** |
| Ecclesine | Peter | Cisco Systems, Inc. |  |  | **x** |  | **x** | **x** | **x** | **x** |  |
| Harrington | Tim | Pro ID & UWB Alliance |  |  |  |  | **x** | **x** | **x** | **x** |  |
| Holcomb | Jay | Itron Inc. | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Kain | Carl | Noblis Inc. |  |  |  |  |  |  |  |  |  |
| Kerry | Stuart | ARRIS/Ruckus | **x** | **x** | **x** | **x** |  | **x** |  | **x** |  |
| Lepp | James | BlackBerry |  |  |  |  |  |  |  |  |  |
| Lynch | Mike | MJLynch Assoc | **x** |  | **x** |  | **x** | **x** | **x** |  | **x** |
| Nikolich(lmsc) | Paul | Self and others |  |  | **x** | **x** | **x** | **x** |  | **x** |  |
| Stanley (lmsc) | Dorothy | HPE |  |  | **x** |  |  |  |  |  |  |
| Verso | Billy | DecaWave |  | **x** |  |  |  |  |  |  |  |
| Yaghoobi | Hassan | Intel Corporation | **x** |  | **x** | **x** |  |  |  | **x** | **x** |

**Non-Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | | **First Name** | | **Affiliation** | **Attendance** | | | | | | | | |
| **25apr** | **02may** | **09may** | **30may** | **06jun** | **13jun** | **20jun** | **27jun** | **11jul** |
| Au | | Edward | | Huawei |  |  |  |  |  |  |  | **x** |  |
| Caldwell | | Winston | | Fox |  |  |  |  |  | **x** | **x** |  | **x** |
| Fischer | | Michael | | NXP Semiconductors |  |  |  |  |  |  |  |  |  |
| Hamilton | | Mark | | Ruckus |  |  |  |  |  |  |  |  |  |
| Kennedy | | Richard | | Self | **x** |  |  |  |  |  |  |  |  |
| Kenney | | John (near v) | | Toyota ITC | **x** | **x** | **x** |  | **x** | **x** | **x** | **x** | **x** |
| Levy | | Joseph | | Interdigital |  |  |  | **x** |  |  | **x** | **x** |  |
| Rajkotia | | Purva | | IEEE Staff |  |  |  |  |  |  |  |  |  |
| Rolfe | Ben (near v) | | Blind Creek Assoc.& UWB Alliance | |  | **x** | **x** | **x** | **x** | **x** |  | **x** |  |

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

1. Chair presents slides 2, 3, and 4 of 802.18-19/0084r01, the call to order and administrative items
   1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 5, of 802.18-19/0084r01, 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. APT CPG for WRC-19
      3. General Discussion Items
   5. Actions required
      1. 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: Vijay Auluck (Self)

Seconded by: Jay Holcomb (Itron)

Discussion? None

Vote: Unanimous consent

* **Motion: To approve the minutes from the IEEE 802.18 teleconference 27 June 2019 in document:** [**https://mentor.ieee.org/802.18/dcn/19/18-19-0082-00-0000-minutes-27jun19-rrtag-teleconference.docx**](https://mentor.ieee.org/802.18/dcn/19/18-19-0082-00-0000-minutes-27jun19-rrtag-teleconference.docx) **Posted: 28-Jun-2019 13:22:27 ET**

Moved by: Hassan Yaghoobi (Itron)

Seconded by: Jay Holcomb (Itron)

Discussion? None

Vote: 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. **Delegated Act on C-ITS is still not fully in force.**
      1. On 04 July, the European Council met, and rejected the delegated act.
      2. Next steps is tbd.
   2. **No other EU items were reported**
2. Chair presents slides 9, APT (Asia-Pacific Telecommunity) – meetings in July
   1. [The 25th Meeting of APT Wireless Group (AWG-25)](https://www.apt.int/2019-AWG25)
      1. 01 July 2019 - 05 July 2019, Tangerang, Indonesia
   2. [The Meeting of the SATRC Working Group on Policy, Regulation and Services](https://www.apt.int/2019-SATRC-WGPRS)
      1. 11 July 2019 - 12 July 2019, Colombo, Sri Lanka
   3. [The 5th Meeting of APT Conference Preparatory Group for WRC-19 (APG19-5)](https://www.apt.int/2019-APG19-5)
      1. 31 July 2019 - 06 August 2019, Tokyo, Japan
      2. They will include discussions on IMT ID in 6GHz.
      3. Meeting on WRC-19, includes AIs for WRC-23, comments due by 24 July.
      4. To file something we would need to be considered an other relevant organization.
      5. Looks busy to file with separate documents per AI to different working parties.
      6. There would be 3 filings; 1.12&1.15; 1.13&1.16&9.1.5; 10
      7. Some feedback is history has shown it would be better to be there to submit the submission, or to influence at a more local level.
      8. However in this case with the timing at hand, a member will look into some comments.
3. Chair presents slides 10 to 12, General Discussion Items.
   1. Singapore: Proposed Policy Allocation of SRD from 868 to 920 MHz
      1. The LMSC ballot to send comments to IMDA closed Monday after a notable editorial.
      2. Latest: <https://mentor.ieee.org/802.18/dcn/19/18-19-0083>
      3. Email sent
   2. **UWB petition for rule making**
   3. <https://ecfsapi.fcc.gov/file/10618992215487/2019%20FINAL%20PETITION%20FOR%20RULE%20MAKING%20for%20FCC%20Filing.pdf>
      1. <https://mentor.ieee.org/802.18/dcn/19/18-19-0079-00-0000-bosch-petition-for-rulemaking-uwb-devices-and-systems.pdf>
      2. With a quick thumb through last week (20 June) much is focused on taking the waivers approved over the last many years and codifying them. Have not reviewed enough if wanting more than that, e.g. higher power.
      3. Any updates? none heard
      4. Are there dates on this yet? need to go look.
   4. **MSIT, Korea, has issued a consultation with a comment deadline of 19 August 2019. Summary is:** 
      1. <https://www.msit.go.kr/web/msipContents/contentsView.do?cateId=mssw353&artId=2044437>
      2. [1] Increase vehicle collision radar radio frequency from 76-77 GHz to 76-81 GHz.
         1. Not looking like IEEE 802 has any standards in this band, we should review to be sure.
   5. The FCC authorized a product recently that transfers 1W of power about 1m distance. We should expect an increasing conversation in the next while about the usage of unlicensed spectrum for communications vs power transfer. There seems to be references to both 2.4GHz (FCC ID 2AS57OSSIACOTATX201) and 24GHz (FCC docked 19-83).
      * 1. <https://www.cnet.com/news/no-pad-wireless-charging-tech-comes-closer-with-regulatory-approval/>
        2. <https://fccid.io/2AS57OSSIACOTATX201>
        3. <https://www.fcc.gov/ecfs/search/filings?limit=50&offset=0&proceedings_name=19-83&sort=date_received,DESC>
        4. This is informative.
   6. July Plenary:
      1. Chair of 802.15.3d has brought up, ITU-R SM.2352 on THz communications needs to be updated.
         1. ITU-R WP1A meeting in June did not manage to prepare an (expected) liaison statement.
         2. However an updated report is available to review.
         3. The chair of 802.15.3d will be working on the updated text for review in 802.18 and current plan is to share with 802.15 in Atlanta wireless interim and approve it there, for the LMSC (aka EC) quick ballot and submission to ITU-R.
      2. UWB status in Japan
4. Chair presents slide 13, Actions required
   * + APT July meeting on WRC-19, includes AIs for WRC-23 and we could provide input by 24 July
     + Does IEEE 802 have any stds or interest to reply to MSIT, Korea, consultation with 76-81GHz?
   1. Ongoing:
   2. Monitoring/inputting into the agenda items for WRC-23 and ITU-R activity.
      * 1. Did have a meeting with staff earlier (25 June), outlining WRC process.
   3. Digital Divide, how can we help?
5. Chair presents slide 14 Any Other Business
   1. Nothing brought up.
   2. Registration is out for September 2019 Wireless Interim at the JW Marriott Hotel, Hanoi, Vietnam. **(We need to fill 60% of the room block by 11 July, or lose some of the remaining room block).**
6. Chair presents slide 15, Adjourn
   1. Next teleconference: 25 July 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.
      3. No meeting next week, 18th of July, we will be in Vienna.
   2. Adjourn:
      1. Agenda complete, any objection to Adjourn.
      2. None heard, Adjourn at 15:28 ET.
   3. The next face to face meeting of the 802.18 RR-TAG will be at the IEEE 802, 16 – 18 July Plenary in the Austria Center Vienna, Vienna, Austria
      1. Time slots, Tuesday AM2 and Thursday AM1