IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 11 Jun 20 | | | | |
| Name | Affiliation | Address | Phone | Email |
|  |  |  |  |  |
| 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 Jun 20

**Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | | **First Name** | **Affiliation** | **Attendance** | | | | | | | | |
| **11juny** | **04juny** | **28may** | **21may** | **14may** | **07may** | **30apr** | **23apr** | **16apr** |
| Auluck | | Vijay | Self Employed | **x** | **x** |  | **x** | **x** | **x** | **x** | **x** | **x** |
| Berens | | Friedbert | FBConsulting Sarl |  |  |  |  |  |  |  |  |  |
| Boldy | | David | Broadcom |  |  | **x** |  |  |  |  | **x** |  |
| de Vegt | | Rolf | Qualcomm Incorporated |  |  |  |  |  | **x** |  |  |  |
| Ecclesine | | Peter | Cisco Systems, Inc. |  | **x** | **x** | **x** | **x** |  | **x** | **x** | **x** |
| Fang | | Yonggang | ZTE TX Inc |  |  | **x** |  | **x** | **x** | **x** | **x** | **x** |
| Harrington | | Tim | Pro ID & UWB Alliance |  | **x** | **x** | **x** | **x** |  | **x** | **x** | **x** |
| Holcomb | | Jay | Itron Inc. | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Jeffries | | Tim | FutureWei | **x** | **x** | **x** |  | **x** | **x** |  | **x** | **x** |
| Jones | Vincent Knowles IV | | Qualcomm Incorporated |  |  |  |  |  | **x** |  |  |  |
| Kain | | Carl | Noblis, Inc. | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Kenney | | John | Toyota ITC | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Kerry | | Stuart | Ruckus/CommScope | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Lepp | | James | BlackBerry |  |  |  |  |  |  | **x** |  |  |
| Lynch | | Mike | MJLynch Assoc | **x** | **x** |  | **x** | **x** | **x** | **x** | **x** | **x** |
| Nikolich(lmsc) | | Paul | Self and others | x | x | x |  | x | x | x |  | x |
| Rolfe | | Ben | Blind Creek Assoc. & UWB All. | **x** | **x** | **x** | **x** | **x** |  |  |  |  |
| Sarris | | Ioannis | u-blox |  |  |  |  |  |  |  |  |  |
| Stanley (lmsc) | | Dorothy | HPE | **x** | **x** | **x** | **x** | **x** | **x** |  |  | **x** |
| Yaghoobi | | Hassan | Intel Corporation | **x** |  | **x** | **x** | **x** | **x** | **x** | **x** |  |

**Non-Voters for this meeting:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | | **Affiliation** | **Attendance** | | | | | | | | |
| **11juny** | **04jun** | **28may** | **21may** | **14may** | **07may** | **30apr** | **23apr** | **16apr** |
| Andersdotter | Amelia | | Self |  |  |  | **x** | **x** | **x** |  |  |  |
| Au | Edward | | Huawei |  |  |  | **x** | **x** | **x** | **x** | **x** | **x** | |
| D’Ambrosia(lmsc) | | John | FutureWei |  |  |  | **x** | **x** |  |  |  |  | |
| Levy | Joseph | | Interdigital | **x** | **x** |  |  | **x** | **x** | **x** | **x** | **x** | |
| Rosdahl(lmsc) | Jon | | Qualcomm |  |  |  | **x** |  |  |  |  |  | |
| Roy | Dick | | Self |  |  |  |  |  |  |  |  |  | |
| Schiessl | Sebastian | | u-blox | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | |
| Ward | Lisa | | Rohde&Schwarz | **x** |  |  | **x** |  | **x** | **x** | **x** |  | |
| Yucek | Tevfik | | Qualcomm |  |  | **x** | **x** |  |  |  |  |  | |

Chair calls the meeting to order at 15:02 ET.

1. Chair presents slides 2 – 6 of 802.18-20/0092r01, the call to order and administrative items
   1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 7, of 802.18-20/0092r01, the agenda:
   1. Call to Order
   2. Administrative items
      1. Someone to take some notes: jay
      2. Attendance and queue, Stuart
   3. Approve agenda & last minutes
   4. Discussion items
      1. EU Items
      2. ITU-R Items
      3. ACMA 5-year spectrum outlook
      4. FCC FNPRM on 6 GHz
      5. NTIA - RFC on National Strategy to Secure 5G Implementation Plan
      6. General Discussion Items
   5. Actions required
      1. NTIA RFC comments, if we can file late.
      2. Anything new today
   6. AOB and Adjourn
3. Chair presents slides 8 and 9 Administrative – Motions and more
   1. **Motion:** To approve the agenda as presented on previous slide

Moved by: Vijay Auluck (self)

Seconded by: Mike Lynch (MJLynch Assoc.)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 04 June 2020 in document <https://mentor.ieee.org/802.18/dcn/20/18-20-0090-00-0000-minutes-04jun20-rrtag-teleconference.docx> 05-Jun-2020 17:23:53 ET, with editorial privilege for the 802.18 chair.

Moved by: Stuart Kerry (Ruckus/Comscope)

Seconded by: Ben Rolfe (Blindcreek Assoc.)

Discussion? None

Vote: Approved by unanimous consent

* 1. Administrative – more
     1. For September 2020 Wireless Interim (Atlanta) , the Wireless Chairs will be meeting – looks like 24June20, early morning.
     2. For November 202 Plenary (Bangkok), the LMSC call on 07July will decide.
        1. A survey is being prepared for everyone, on travel etc.
        2. In the meantime, be thinking about your situation or possible situation about travel moving forward, including November.
        3. Plan is to be private no names or companies collected, anonymous.
     3. LMSC(EC) motion to change rules to allow for electronic Plenaries, failed.
     4. However, the IEEE802 chair has a 2nd motion started that will temporarily suspend needing to be f2f in July. Motion is still in ballot.
        1. The session would be Friday 10Jul20 13:00EDT to Friday 24Jul20 13:00/17:00EDT.
        2. Elections will be held (in the first meeting like was the plan for the RR-TAG).
     5. WG/TAG Chairs to determine meetings for participation credit and what is 100%.
        1. Then attendees will be able to gain, maintain or lose voting membership.
        2. RR-TAG looking to have 2 – 2 hr meetings like a normal F2F, though use our normal weekly time slot, Thursday 3pm-et on 16th and 23rd, if the ballot passes.

1. Chair presents slides 10-11, **EU items to share**
   1. **ETSI –** [**<BRAN>**](https://portal.etsi.org/tb.aspx?tbid=287&SubTB=287) **next meeting #106, 22-26Jun20; Online** 
      1. Agenda rev 2 is out for meeting #106 and 6 GHz discussions will be PM CEST.
   2. **CEPT – ECC** [**<WGFM>**](https://cept.org/ecc/groups/ecc/wg-fm/client/introduction/) **next meeting #96, 08-12June20; Web-meeting 🡸 next week**
      1. WG FM sent LS to WG SE to study OOB, Frequency Use, etc. in parallel with public consultation and report back to FM57 ahead of Oct 5 comment resolution meeting.
2. Chair presents slide1 12, **ITU-R items to share**
   1. ITU-R WP 5D: The 35th meeting of [ITU-R Working Party 5D on IMT Systems](https://urldefense.com/v3/__https:/www.itu.int/en/itu-r/study-groups/rsg5/rwp5d/pages/default.aspx__;!!F7jv3iA!ksG8FB76-vAIlKheHaZo7McyVHTJksIkQbuNxeZkgcDqjotBizKyy8BgCDCtkHVhaw$) is now a fully virtual meeting, starting on 23 June and extended to 9 July 2020. ITU-R WP 5D is responsible for the overall radio system aspects of International Mobile Telecommunications (IMT) systems, comprising the IMT-2000, IMT-Advanced and IMT for 2020 and beyond.
   2. ITU-R WP 5A meeting 20July2020, is now an E-Meeting (20July – 30July20). This is for the submissions we approved a few weeks back, from the 802.11 Ad Hoc.
3. Chair presents slide 13, **ACMA 5-year spectrum Outlook**
   1. <https://mentor.ieee.org/802.18/dcn/20/18-20-0079-00-0000-acma-5year-spectrum-outlook-fys-2020-24.docx>
   2. The closing date for submissions is COB, Wednesday 24 June 2020.
      1. Need to have 802.18 approval by Thursday 11 June 2020, today.
      2. No contributions to date and no feedback in the call. So we will pass
4. Chair presents slides 14 and 15, **FCC R&O and FNPRM 6GHz**
   1. CHAIRMAN PAI PROPOSES NEW RULES FOR THE 6 GHz BAND, UNLEASHING 1,200 MEGAHERTZ FOR UNLICENSED USE News Release: [Docx](https://urldefense.proofpoint.com/v2/url?u=https-3A__docs.fcc.gov_public_attachments_DOC-2D363451A1.docx&d=DwMFAg&c=pqcuzKEN_84c78MOSc5_fw&r=z8R-nWJ8GIxwjOjNKhEFByb-tZ6XE3GZXWSggNdVo-w&m=qkYmo1P6XmH1YvH1UkP-tyoCfcURwF2UYPYmrj-ahdc&s=C2AkcvEPrUX932nUH8F7u7RFWhncPxXDubaY_WcjOgY&e=)
      1. The Report and Order authorizes two different types of unlicensed operations: standard-power in 850-megahertz of the band and indoor low-power operations over the full 1,200-megahertz available in the 6 GHz band. An automated frequency coordination system would prevent standard power access points from operating where they could cause interference to incumbent services.
      2. Preceding:
         1. <https://www.fcc.gov/ecfs/search/filings?proceedings_name=18-295&sort=date_disseminated,DESC>
      3. R&O is effective 27July20,
         1. <https://www.federalregister.gov/documents/2020/05/26/2020-11236/unlicensed-use-of-the-6-ghz-band?utm_campaign=subscription+mailing+list&utm_source=federalregister.gov&utm_medium=email>
      4. APCO filed for a Stay **and** Reconsideration. See 18-295 proceeding link above for more.
      5. 30 days for FCC to rule on these.
         1. Response to the Stay is first, though may tie it all together, tbd.
      6. Several oppositions to the stay.
   2. FNPRM as approved on 24 Apr 20 is on Mentor: **With erratum now, 21May20:** <https://mentor.ieee.org/802.18/dcn/20/18-20-0062-02-0000-fcc-r-o-fnprm-promoting-unlicensed-use-of-the-6ghz-band-et-18-295.docx> 31 Seek Comments
      1. In Federal Register today (28th): <https://www.federalregister.gov/documents/2020/05/28/2020-11320/unlicensed-use-of-the-6-ghz-band?utm_campaign=subscription+mailing+list&utm_source=federalregister.gov&utm_medium=email>
      2. Comments due: 29June20; **Comments from 802.18 by 11June20 this week**
      3. Reply Comments due: 27July20.
      4. Anything for IEEE 802 as a whole to consider? \_\_\_\_\_\_\_\_\_
      5. No contributions to date and no feedback in the call. So we will pass
      6. However, there is one request to the FCC for an extension.
      7. If extension is granted the .18 chair will send out a note for contributions if time allows.
5. Chair presents slides 16, **NTIA RFC Secure 5G Implementation Plan**
   1. NTIA RFC on National Strategy to Secure 5G Implementation Plan - FYI
      1. The US Government/NTIA is looking at the opportunities and challenges of implementing 5G.  They released a Request for Comment at this link: [https://www.ntia.gov/federal-register-notice/2020/request-comments-national-strategy-secure-5g-implementation-plan](https://urldefense.com/v3/__https:/www.ntia.gov/federal-register-notice/2020/request-comments-national-strategy-secure-5g-implementation-plan__;!!F7jv3iA!niPbWIxq7AWeDKcu0MFtHGwJIeU7xISFCxwwsNdCBe5sAg6PB4U7tqjsEwL48EHmjw$).  The input and responses will likely form a basis for developing/enacting an implementation plan (and includes a security focus).
      2. Comments due 18 June 2020.
      3. In accordance with the Secure 5G and Beyond Act of 2020, the National Telecommunications and Information Administration (NTIA), on behalf of the Executive Branch, is requesting comments to inform the development of an Implementation Plan for the National Strategy to Secure 5G.
      4. Mentor: <https://mentor.ieee.org/802.18/dcn/20/18-20-0091-00-0000-ntia-rfc-strategy-to-secure-5g-implementation-plan.pdf>
      5. All 802 technologies may have a stake in this, it is more than “5G”.
      6. Some discussion and no interest to pursue any further.
6. Chair presents slides 17, General discussion items
   1. None today.
7. Chair presents slide 18, Actions required
   * **If 6 GHz FNPRM is extended, chair will send out a note.**

* **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 slide19 Any Other Business
   1. The IEEE is continuing with an RFP (3rd parties to put the requirements together) process for a Mentor replacement. Have not seen an overall timeline \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Chair presents slide 20, Adjourn
   1. **Next weekly teleconference (scheduled to 03sep): 18 June 20–*15:00–<15:55* ET** 
      1. Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-15-0000-teleconference-call-in-info.pptx> (*or latest) (new – starting 14 May 20)*
         1. Or back up slide in this agenda.
      2. All late changes/cancellations will be sent out to the 802.18 list server.
      3. Now on the IEEE Webex teleconference calendar: <http://ieee802.org/802tele_calendar.html>
      4. And Overall schedule, works in progress: <http://ieee802.org/16/cal-temp.html>
   2. Note: if Plenary in July is approved, 16&23July will likely have a different call in.
   3. Adjourn:
      1. Any objection to Adjourn.
      2. None heard, Adjourn at 15:32et
   4. **The next face to face meeting is tbd. Note, Montreal F2F venue in July is cancelled.**
   5. **Thank You**