IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 18 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, 18 Jun 20

**Voters for this meeting:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** |
| **18juny** | **11juny** | **04juny** | **28may** | **21may** | **14may** | **07may** | **30apr** | **23apr** |
| Auluck | Vijay | Self Employed |  | **x** | **x** |  | **x** | **x** | **x** | **x** | **x** |
| Boldy | David | Broadcom |  |  |  | **x** |  |  |  |  | **x** |
| de Vegt | Rolf | Qualcomm Incorporated |  |  |  |  |  |  | **x** |  |  |
| Ecclesine | Peter | Cisco Systems, Inc. |  |  | **x** | **x** | **x** | **x** |  | **x** | **x** |
| Fang | Yonggang | ZTE TX Inc |  |  |  | **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 |  |
| Rolfe | Ben | Blind Creek Assoc. & UWB All. | **x** | **x** | **x** | **x** | **x** | **x** |  |  |  |
| 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** |
| **18juny** | **11juny** | **04jun** | **28may** | **21may** | **14may** | **07may** | **30apr** | **23apr** |
| Andersdotter | Amelia | Self |  |  |  |  | **x** | **x** | **x** |  |  |
| Au | Edward | Huawei |  |  |  |  | **x** | **x** | **x** | **x** | **x** |
| D’Ambrosia(lmsc) | John | FutureWei |  |  |  |  | **x** | **x** |  |  |  |
| Levy | Joseph | Interdigital | **x** | **x** | **x** |  |  | **x** | **x** | **x** | **x** |
| Madhavan | Narendar | Ericsson | **x** |  |  |  |  |  |  |  |  |
| Rosdahl(lmsc) | Jon | Qualcomm |  |  |  |  | **x** |  |  |  |  |
| 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 802.18-20/0094r01, the call to order and administrative items
	1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 7, of 802.18-20/0094r01, the agenda:
	1. Call to Order
	2. Administrative items
		1. Someone to take some notes, Jay
		2. Attendance and queue, Stuart K
	3. Approve agenda & last minutes
		1. Latest on plenary in July 2020
	4. Discussion items
		1. EU Items
		2. ITU-R Items
		3. FCC R&O and FNPRM on 6 GHz
		4. General Discussion Items
	5. Actions required
		1. 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: Stuart Kerry (Ruckus/Comscope)

Seconded by: Tim Jefferies (FutureWei)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 11 June 2020 in document <https://mentor.ieee.org/802.18/dcn/20/18-20-0093-00-0000-minutes-11jun20-rrtag-teleconference.docx> 12-Jun-2020 17:58:48 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 – 24June20, 11:00et (and again 14Jul20 @11:00et for the plenary)
		2. For November 2020 Plenary (Bangkok), the LMSC call on 07July will decide.
			1. The survey (will be anonymous) has been sent out to everyone, on travel etc.
			2. Would like responses by the 20th.
		3. For July 2020 Plenary:
			1. LMSC motion to temporarily change rules for a July 2020 electronic Plenary, passed
			2. The plenary will start Friday 10 July 20 13:00 EDT, with an EC meeting
			3. And close on Friday 24 July 20 17:00 EDT, with an EC meeting.
		4. For the RR-TAG, we will have 2 meetings during a plenary session, which will be:
			1. 1) Thursday, 16 July 2020, 15:00-17:00 EDT (opening)
			2. 2)  Thursday, 23 July 2020, 15:00-17:00 EDT (closing)
				1. As RR-TAG has done in plenaries, **it will take attending both for attendance credit.**
				2. Call-in is in back up slides here, on the 802.18 web site and an email soon.
		5. Elections will be held, for RR-TAG, during meeting on 16 July 20.
			1. Nominations have been re-opened per the email on 15 June 20 (Monday).
			2. Nominations will close on 01 July 2020 – AoE. Send to 802.18 chair.
			3. The current 802.18 Chair will run for re-election.
			4. Remember, officers must be IEEE SA members
			5. And Chairs and Vice-Chairs require letters of endorsement and affiliation to the IEEE 802 recording secretary ahead of time.
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. nothing to share today
		2. Last week: 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**
		1. nothing to share today
		2. Last week: 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 SG5 working on moving to fully electronic meeting starting 31July20.
	2. With that asking member states any objection before 30June20.
	3. And WP 5A, 5B and 5C will also be virtual meeting the week before.
	4. One note, the ITU Constitution does note provide for remote meetings, so working through that.
3. Chair presents slides 13 and 14, **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 needed to be by 11June20
		3. Reply Comments due: 27July20.
		4. Anything for IEEE 802 as a whole to consider? **See below of some possibilities**
		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.
			1. If extension is granted the .18 chair will send out a note for contributions if time allows.
		7. The extension request was denied on 16 June 2020.
4. Chair presents slides 15, General discussion items
	1. None today.
5. Chair presents slide 16, Actions required
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* **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 slide17 Any Other Business
	1. Any feedback on 5.9 GHz NPRM? Still activity with ex parte’s etc.
	2. Have heard the FCC chairman say this is still on going.
	3. Proceeding 19-138;
	4. <https://www.fcc.gov/ecfs/search/filings?proceedings_name=19-138&sort=date_disseminated,DESC>
2. Chair presents slide 18, Adjourn
	1. **Next weekly teleconference (scheduled to 03sep): 25 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))*
			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. Plenary on 16 & 23 July has a different call-in, see back up slides.
	3. Adjourn:
		1. Any objection to Adjourn.
		2. None heard, Adjourn at 15:27et
	4. **The next face to face meeting is tbd.**
		1. Note, Montreal F2F venue in July is cancelled.
	5. **Thank You**