IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 07 Nov 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, 07 Nov 2019

**Voters for this meeting:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** |
| **07nov** | **24oct** | **17oct** | **03oct** | **12sep** | **05sep** | **29aug** | **22aug** | **15aug** |
| Auluck | Vijay | Self Employed | **x** | **x** |  | **x** | **x** | **x** | **x** | **x** | **x** |
| Ecclesine | Peter | Cisco Systems, Inc. | **x** | **x** | **x** | **x** | **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** |
| Kenney | John | Toyota ITC | **x** |  |  |  |  | **x** | **x** | **x** | **x** |
| Kerry | Stuart | Ruckus/ | **x** |  |  | **x** | **x** | **x** |  | **x** | **x** |
| Lynch | Mike | MJLynch Assoc |  | **x** | **x** | **x** |  | **x** | **x** | **x** |  |
| Mody | Apurva | A10 Systems |  |  |  | **x** | **x** |  |  |  |  |
| Nikolich(lmsc) | Paul | Self and others |  |  |  |  |  |  |  | **x** |  |
| Rolfe | Ben | Blind Creek Assoc. & UWB All. |  | **x** |  | **x** |  | **x** | **x** | **x** | **x** |
| Scott | Andy | NCTA |  |  |  |  |  |  |  | **x** | **x** |
| Stanley (lmsc) | Dorothy | HPE |  |  |  |  |  |  |  |  |  |
| Verso | Billy | DecaWave |  |  |  |  |  |  |  |  |  |
| Yaghoobi | Hassan | Intel Corporation |  |  | **x** | **x** | **x** | **x** | **x** |  | **x** |

**Non-Voters for this meeting:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** |
| **07nov** | **24oct** | **17oct** | **03oct** | **12sep** | **05sep** | **29aug** | **22aug** | **15aug** |
| Au | Edward | Huawei |  |  |  |  |  | **x** | **x** |  |  |
| Caldwell | Winston | Fox |  |  |  |  |  |  |  |  |  |
| Levy | Joseph | Interdigital |  |  | **x** | **x** |  | **x** | **x** |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

Chair calls the meeting to order at 15:08 ET.

 (note: webex not working for the chair, why late start.)

1. Chair presents slides 2, 3, and 4 of 802.18-19/0140r01, the call to order and administrative items
	1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 5, of 802.18-19/0140r01, the agenda:
	1. Call to Order
	2. Administrative items
		1. Someone to take some notes: 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
		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: Stuart Kerry (Ruckus)

Seconded by: Vijay Auluck (self)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 17 Oct 2019 in document <https://mentor.ieee.org/802.18/dcn/19/18-19-0138-00-0000-minutes-24oct19-rrtag-teleconference.docx> Posted: 25-Oct-2019 08:09:12 ET

Moved by: Peter Ecclesine (Cisco)

Seconded by: Jay Holcomb (Itron)

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 meetings #104, 02-06dec19-Sophia Antipolis**
		1. Web meeting on 21Nov will be on the EN 301 893 revision (5.8GHz)
		2. Then a web meeting on 27Nov will be on the spectrum mask, punctured channels. Will review contributions and more.
	2. **ETSI - ERM -** [<TG-11>](https://portal.etsi.org/tb.aspx?tbid=442&SubTB=442) **meeting # \_\_\_\_ (07 Nov(this morning), online, 2.4 GHz SRDoc)**
		1. Still more to work out with everyone.
2. Chair presents slides 9-10, ITU-R items to share
	1. WRC-19 started up last week.
	2. WRC-19 regional perspective – Representing the Americas: Carmelo Rivera outlines the [scope of work](https://urldefense.proofpoint.com/v2/url?u=https-3A__news.itu.int_wrc-2D19-2Drepresenting-2Dthe-2Damericas_&d=DwMFaQ&c=pqcuzKEN_84c78MOSc5_fw&r=z8R-nWJ8GIxwjOjNKhEFByb-tZ6XE3GZXWSggNdVo-w&m=-9QFWHJOKYjKG-GeJmNNVRheo9TAjlBMzoTgvc8pSBI&s=FafEuEhJXSrGi_u510b5RtyrbxTcoyaV6EbLPj-x7Uo&e=) that has been undertaken in the Americas region since WRC-15 in preparation for WRC-19.
	3. WRC-19 regional perspective – Asia and the Pacific: “A [consensus approach has worked well](https://urldefense.proofpoint.com/v2/url?u=https-3A__news.itu.int_wrc-2D19-2Drepresenting-2Dasia-2Dand-2Dthe-2Dpacific_&d=DwMFaQ&c=pqcuzKEN_84c78MOSc5_fw&r=z8R-nWJ8GIxwjOjNKhEFByb-tZ6XE3GZXWSggNdVo-w&m=-9QFWHJOKYjKG-GeJmNNVRheo9TAjlBMzoTgvc8pSBI&s=Om_3QB6Hp7lSUeY13eyVxNv3ZGSb4wWre4tK-8ptVa8&e=) to develop Preliminary APT Common Proposals ahead of WRC-19, with the spirit of utmost goodwill,” writes Kyu-Jin Wee.
	4. WRC-19 regional perspective – Representing the Commonwealth of Independent States: “Regional preparatory work between conferences can help in [building consensus](https://urldefense.proofpoint.com/v2/url?u=https-3A__news.itu.int_wrc-2D19-2Drepresenting-2Dthe-2Dcommonwealth-2Dof-2Dindependent-2Dstates_&d=DwMFaQ&c=pqcuzKEN_84c78MOSc5_fw&r=z8R-nWJ8GIxwjOjNKhEFByb-tZ6XE3GZXWSggNdVo-w&m=-9QFWHJOKYjKG-GeJmNNVRheo9TAjlBMzoTgvc8pSBI&s=9-y3wEG5GibBoIbus5zIw_46a6JTBMfVumAnAdll2bU&e=) on the many agenda items at a WRC,” writes Albert Nalbandian.
	5. ITU World Radiocommunication Conference 2019 opens: WRC-19 will address requirements for some of the leading-edge technological innovations set to play a pivotal role in tomorrow’s digital economy with far-reaching implications for the trillion-dollar telecommunication and ICT industry. *Follow the conference on Twitter using the hashtag*[*#ITUWRC*](https://twitter.com/hashtag/ITUWRC?src=hash)*.* [Read more](https://www.itu.int/en/mediacentre/Pages/2019-PR18.aspx)
	6. WRC-19 regional perspective – The Arab States: “The decisions of the WRC … play a crucial role in [identifying the future trends](https://news.itu.int/representing-the-arab-states/) of technology and infrastructure development in Arab States,” writes Tariq Al Awadhi, Executive Director, Spectrum Affairs Chairman, Arab Spectrum Management Group (ASMG).
	7. WRC-19 regional perspective – Africa: “Every agenda item of the upcoming WRC‑19 is important. However, some agenda items are seen to be of [greater significance to Africa](https://news.itu.int/wrc-19-representing-africa/),” writes John Omo, Secretary General, African Telecommunication Union (ATU).
	8. WRC-19 regional perspective – Europe: “The European Conference of Postal and Telecommunications Administrations’ (CEPT) proposals on WRC‑19 issues are [forward-looking and well balanced](https://news.itu.int/wrc-19-representing-europe/) to address the needs of the existing and future radio services,” writes Alexander Kühn, Chairman, Conference Preparatory Group, CEPT.
	9. Agenda 9.1.5 there is desire by some wanting to get it to a point it is not brought up again.
	10. Also there is desire not to make this more complicated.
	11. The RR-Tag needs to watch carefully the Agenda Items for WRC-23 for this.
	12. WRC-19 closes on 22Nov, though might be something to review on our teleconference on the 21st.

(9.1.5: … … … coexistence between RLANs and new radar systems, and technical and regulatory impacts of requiring the mobile service to protect new radars types would impose undue constraints on RLAN operation. … … …)

1. Chair presents slide 11, no comments or potential comments being done
2. Chair presents slides 12, General discussion items
	1. **FCC 6 GHz proceeding 18-295/17-183 have several new filings.**
		1. <https://www.fcc.gov/ecfs/search/filings?proceedings_name=18-295&sort=date_disseminated,DESC>
		2. <https://www.fcc.gov/ecfs/search/filings?proceedings_name=17-183&sort=date_disseminated,DESC>
	2. **Agenda for November FCC open commission meeting (22 Nov)**
		1. <https://www.fcc.gov/news-events/events/2019/11/november-2019-open-commission-meeting>
		2. 3.7 GHz (C-Band) and 6GHz will be in the 30 Jan 20 open commission meeting. (with the R&O)
	3. **Any agenda items for plenary**
		1. APAC update on Thursday (14th)
		2. Announce elections coming up in the next plenary, in March 2020.
3. Chair presents slide 13, Actions required
	* None
	1. Ongoing:
	2. WPT use of license-exempt bands and UWB in cell phones
	3. Digital Divide, how can we help?
4. Chair presents slide 14 Any Other Business
	1. Nothing brought up
5. Chair presents slide 15, Adjourn
	1. Next teleconference: 21 Nov 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)
		2. All late changes/cancellations will be sent out to the 802.18 listserver.
	2. Adjourn:
		1. Agenda complete, any objection to Adjourn.
		2. None heard, Adjourn at 15:36 ET.
	3. The next face to face meeting of the 802.18 RR-TAG will be at the IEEE 802, 10 – 15 November 2019 Plenary in the Hilton Waikoloa Village, Kona, HI, USA
	4. Normal time slots, Tuesday AM2 and Thursday AM1 – remember no reciprocal from other WGs
	5. **Thank You and Safe Travels**