IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 25 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, 25 July 2019

**Voters for this meeting:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** |
| **25jul** | **02may** | **09may** | **30may** | **06jun** | **13jun** | **20jun** | **27jun** | **11jul** |
| Auluck | Vijay | Self Employed | **x** | **x** | **x** |  |  | **x** | **x** |  | **x** |
| Ecclesine | Peter | Cisco Systems, Inc. | **x** |  | **x** |  | **x** | **x** | **x** | **x** |  |
| Harrington | Tim | Pro ID & UWB Alliance | **x** |  |  |  | **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** | **x** | **x** |
| Kerry | Stuart | ARRIS/Ruckus |  | **x** | **x** | **x** |  | **x** |  | **x** |  |
| Lynch | Mike | MJLynch Assoc | **x** |  | **x** |  | **x** | **x** | **x** |  | **x** |
| Nikolich(lmsc) | Paul | Self and others |  |  | **x** | **x** | **x** | **x** |  | **x** |  |
| Rolfe | Ben | Blind Creek Assoc. | **x** | **x** | **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** |
| **25jul** | **02may** | **09may** | **30may** | **06jun** | **13jun** | **20jun** | **27jun** | **11jul** |
| Au | Edward | Huawei | **x** |  |  |  |  |  |  | **x** |  |
| Caldwell | Winston | Fox |  |  |  |  |  | **x** | **x** |  | **x** |
| Levy | Joseph | Interdigital | **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 802.18-19/0100r01, the call to order and administrative items
	1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 5, of 802.18-19/0100r01, 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. MCMC (Malaysia) WRC-19 consultation.
		4. UWB petition for rule making
		5. General Discussion Items
	5. Actions required
		1. MCMC comments
		2. 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: Peter Ecclesine (Cisco Systems)

Seconded by: Vijay Auluck (Self)

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/19/18-19-0085-00-0000-minutes-11july19-rrtag-teleconference.docx> Posted: 13-Jul-2019 17:10:09 ET

Moved by: Hassan Yaghoobi (Intel)

Seconded by: Ben Rolfe (Blind Creek Assoc.)

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 7-9, 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. Will be having teleconferences.
		2. RAN4 to Bran LS, case of internal 20MHz hole in the middle of the 80MHz channel, what are emission limits in the 20MHz?
		3. **CEPT – ECC** [<SE45>](https://cept.org/ecc/groups/ecc/wg-se/se-45/client/introduction/) **next meeting #8, 23-24 Sept 2019, Rome, Italy**
			1. Invitation is out
			2. SE45 has been re-opened (for now), to review the additional inputs from the consultation.
		4. **CEPT – ECC** [<FM57>](https://cept.org/ecc/groups/ecc/wg-fm/fm-57/client/introduction/) **next meeting #8, 25-27 Sept 2019, Rome, Italy**
			1. Invitation is out
2. Chair presents slides 10, ITU-R items to share
	1. A place holder for now, a works in progress.
3. Chair presents slides 11-12, MCMC (Malaysia WRC-19 consultation
	1. A side question was asked when did the APT submission go in, the IEEE 802 comments are not on the APT site yet? The chair mistakenly said last week, actually the emails were sent to APT Monday morning, the 22nd, ahead of the 24 August deadline. (Note: after the meeting the chair checked the email addresses to be sure they were correct, and they were per the APT instructions.)
	2. MCMC consultation with their position on WRC-19 Agenda Items.
		1. <https://mentor.ieee.org/802.18/dcn/19/18-19-0092-00-0000-mcmc-public-consultation-malaysia-position-for-wrc-19.pdf>
	3. Comments due 09 August, there.
		1. Missed a week, we would need to approve today to meet deadline and there had not been any contributions.
		2. We could approve next week and ‘try’ for an early close with the LMSC ballot. If responses are not quick enough, we would miss the deadline. 🡸 the plan now.
	4. Worked on the start of a response with copy/paste from APT comments.
		1. Key is need to relate back to the current MCMC positions and what we worked on See;
		2. <https://mentor.ieee.org/802.18/dcn/19/18-19-0099-00-0000-mcmc-public-consultation-wrc-19-ais-ieee-802-views.docx> **(or latest)**
	5. **The chair will call an Ad Hoc for next Tuesday to keep going, though the goal has to be a draft ready to vote on next Thursday.**
	6. Chair presents slides 13, **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**](https://www.fcc.gov/ecfs/search/filings?proceedings_name=RM-11844&sort=date_disseminated,DESC) **(cg rm-11844)**
			1. <https://ecfsapi.fcc.gov/file/10618992215487/2019%20FINAL%20PETITION%20FOR%20RULE%20MAKING%20for%20FCC%20Filing.pdf>
			2. <https://mentor.ieee.org/802.18/dcn/19/18-19-0079-00-0000-bosch-petition-for-rulemaking-uwb-devices-and-systems.pdf>
			3. Feedback heard, there is more than just updates from past waivers.
			4. On 18 July, from the FCC. - **Makes Comments then due by 17 August.**
			5. Report No. 3130 July 18, 2019 CONSUMER & GOVERNMENTAL AFFAIRS BUREAU REFERENCE INFORMATION CENTER PETITION FOR RULEMAKINGS FILED Interested persons may file statements opposing or supporting the Petition for Rulemakings listed herein within 30 days, or as noted. See sections 1.4 and 1.405 of the Commission's rules for further information.
			6. RM NO. RULES SEC. PETITIONER DATE RECEIVED NATURE OF PETITION 11844 Parts 15 Robert Bosch LLC 06/18/2019 Amendment of Rules Governing Ultra-Wideband Devices and Systems
	7. Yes, 2 members would like to do comments on this and will have draft comments for review at the ad hoc next week, with a plan to vote on it next Thursday (1st).
4. Chair presents slide 14, General discussion items. 🡨 barely touched on, will leave for next week.
	1. **Japan MIC’s WRC-19 final position:**
		1. After the consultation ends on July 1, Japan MIC has published its final position today on various WRC-19 agenda items for its preparation to APG19-5 and WRC-19:
		2. <http://www.soumu.go.jp/main_content/000634928.pdf>
	2. **USA FCC proposed rule 3.7-4.2GHz Band Proceeding**
		1. FR Document: [2019-15749](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.federalregister.gov_documents_2019_07_23_2019-2D15749_wireless-2Dtelecommunications-2Dbureau-2Dinternational-2Dbureau-2Doffice-2Dof-2Dengineering-2Dand-2Dtechnology-2Dand-3Futm-5Fcampaign-3Dsubscription-2Bmailing-2Blist-26utm-5Fsource-3Dfederalregister.gov-26utm-5Fmedium-3Demail&d=DwMFAg&c=pqcuzKEN_84c78MOSc5_fw&r=z8R-nWJ8GIxwjOjNKhEFByb-tZ6XE3GZXWSggNdVo-w&m=lPdoklwdyDyrBwZaKh8N3mswnd7mVwDGKi8dLuqyGMU&s=YoyXbEqZ0y58XXDSBjJ1zJ0TPX_XnLELbsdB1UZamDE&e=) Citation: 84 FR 35365
		2. [PDF](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.govinfo.gov_content_pkg_FR-2D2019-2D07-2D23_pdf_2019-2D15749.pdf-3Futm-5Fsource-3Dfederalregister.gov-26utm-5Fmedium-3Demail-26utm-5Fcampaign-3Dsubscription-2Bmailing-2Blist&d=DwMFAg&c=pqcuzKEN_84c78MOSc5_fw&r=z8R-nWJ8GIxwjOjNKhEFByb-tZ6XE3GZXWSggNdVo-w&m=lPdoklwdyDyrBwZaKh8N3mswnd7mVwDGKi8dLuqyGMU&s=uu-gfcxWcOIfCRNoMa5FXHkIu9udiaIu4ZaX3LgN-3s&e=) Pages 35365-35368 *(4 pages)* [Permalink](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.federalregister.gov_d_2019-2D15749-3Futm-5Fsource-3Dfederalregister.gov-26utm-5Fmedium-3Demail-26utm-5Fcampaign-3Dsubscription-2Bmailing-2Blist&d=DwMFAg&c=pqcuzKEN_84c78MOSc5_fw&r=z8R-nWJ8GIxwjOjNKhEFByb-tZ6XE3GZXWSggNdVo-w&m=lPdoklwdyDyrBwZaKh8N3mswnd7mVwDGKi8dLuqyGMU&s=3-snQ1M-hQwtCyoxwU6ftCpmTOr12gkv8mJZRpbGjXA&e=)
		3. Abstract: In this document, we invite interested parties to supplement the record to address issues raised by commenters in response to the Commission's July 2018 Notice of Proposed Rulemaking Specifically, among other issues, the Bureaus and Offices seek comment on proposed auction-based approaches, other transition mechanisms to introduce new flexible-use licensing in the band, appropriate repurposing methodologies, Fixed Satellite Service earth station protection criteria, and technical rules, as...
5. Chair presents slide 15, Actions required
	1. MCMC (Malaysia) consultation on WRC-19 Agenda Items, comments due 09 Aug there.
		1. Chair to call an ad hoc for next Tuesday, 3et/noon-pt, what for a calendar invire.
	2. UWB petition for rule making comments
	3. Ongoing:
	4. WPT use of license-exempt bands
	5. Digital Divide, how can we help?
6. Chair presents slide 16 Any Other Business
	1. Nothing brought up
7. Chair presents slide 16, Adjourn
	1. Next teleconference: 01 August 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.
	2. **Also, ad hoc will be next Tuesday, 30 July, 15:00 ET.**
		1. MCMC comments & FCC UWB petition.
		2. Ad hoc meeting call will have the WebEx call in info.
	3. Adjourn:
		1. Agenda complete, any objection to Adjourn.
		2. None heard, Adjourn at 15:57 ET.
	4. 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
		2. <http://www.mtgevents.com.au/ieee2019/visa-and-travel/>
	5. **Thank You**