IEEE 802.18

Radio Regulatory-TAG

|  |
| --- |
| Radio Regulatory Technical Advisory Group Minutes |
| Date: 15 Aug 2019 |
| Name | Affiliation | Address | Phone | Email |
|  |
| Author(s):  |
| Peter Ecclesine | Cisco Systems | CA | +1(408)722-8489 | petere@ieee.org |
|  |
| 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, 15 Aug 2019

**Voters for this meeting:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** |
| **15aug** | **08aug** | **01aug** | **30jul** | **25jul** | **02may** | **09may** | **30may** | **06jun** |
| Auluck | Vijay | Self Employed | **x** | **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** |
| Kerry | Stuart | ARRIS/Ruckus | **x** | **x** |  |  |  | **x** | **x** | **x** |  |
| Lynch | Mike | MJLynch Assoc |  | **x** | **x** |  | **x** |  | **x** |  | **x** |
| Nikolich(lmsc) | Paul | Self and others |  |  |  |  |  |  | **x** | **x** | **x** |
| Rolfe | Ben | Blind Creek Assoc. & UWB All. | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Scott | Andy | NCTA | **x** |  | **x** |  |  |  |  |  |  |
| Stanley (lmsc) | Dorothy | HPE |  |  |  |  |  |  | **x** |  |  |
| Verso | Billy | DecaWave |  |  | **x** | **x** |  | **x** |  |  |  |
| Yaghoobi | Hassan | Intel Corporation | **x** |  | **x** | **x** | **x** |  | **x** | **x** |  |

**Non-Voters for this meeting:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** |
| **15aug** | **08aug** | **01aug** | **31jul** | **25jul** | **02may** | **09may** | **30may** | **06jun** |
| Au | Edward | Huawei |  | **x** | **early** | **x** | **x** |  |  |  |  |
| Caldwell | Winston | Fox |  |  |  | **x** |  |  |  |  |  |
| Levy | Joseph | Interdigital |  | **x** | **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 802.18-19/0111r01, the call to order and administrative items
	1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 5, of 802.18-19/0111r01, 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. South Africa consultation
		4. ACMA consultation
		5. General Discussion Items
	5. Actions required
		1. ICASA comments
		2. ACMA comments
		3. 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: Tim Harrington (Pro ID)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 08 August 2019 in document <https://mentor.ieee.org/802.18/dcn/19/18-19-0108-00-0000-minutes-08aug19-rrtag-teleconference.docx> Posted: 14-Aug-2019 09:42:33 ET

Moved by: Tim Harrington (Pro ID)

Seconded by: Hassan Yaghoobi

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 meeting #103, 07-10 Oct 2019, Sophia Antipolis**
		1. Agreed to disagree on the punctured channel emission levels, will discuss further.
		2. Not reading the .11ax text the same way, interpretation, EN 301 893 current draft is inadequate.
		3. And there is a proposal on updated test cases for Energy Detect/Preamble Detect for the EN 301 893 standard.
		4. Meeting next, a test fest at Rhode & Schwarz and will see what the results tells all, this is private testing, not an ETSI function.
		5. Chair nominations must be posted by 06 Sept.
	2. 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. WGFM asking WGSE to initiate studies to benefit WGFM and FM57, Task 2 of the Mandate, Report B.
		2. Also, to further complement the existing studies of ECC Report 302 as appropriate, related to the results so far for the FS short-term protection studies between p-t-p apps and WAS/RLANs.
	3. **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. Public enquiry resolution for report A will be in this meeting.
		2. At WGFM adopted a new WI for development of an ECC Decision on WAS/RLAN in the band 5925-6425 MHz. (To develop for the text for the decision.)
			1. This connects to BRAN to develop the standard
2. Chair presents slides 9, ITU-R items to share
	1. How four cities in North America are working to close the digital divide
		1. <https://news.itu.int/how-four-cities-in-north-america-are-working-to-close-the-digital-divide/>
		2. Chicago, Salt Lake City, Long Beach and Kansas City
		3. Libraries are mentioned a lot, and city wide WiFi for some.
3. Chair presents slide 10, **South Africa (ICASA): NOTICE OF INTENTION TO AMEND ANNEXURE B OF THE RADIO FREQUENCY SPECTRUM REGULATIONS, 2015**
	1. <https://www.icasa.org.za/news/2019/icasa-begins-a-process-to-review-annexure-b-of-the-radio-frequency-spectrum-regulations-of-2015>
		1. In this regard, ICASA has published a notice of its intention to amend Annexure B in the Government Gazette where interested stakeholders are invited to submit written representations with regards to the proposed amendments by close of business on 06 September 2019
	2. <https://mentor.ieee.org/802.18/dcn/19/18-19-0109-00-0000-icasa-s-africa-intentions-to-amend-spectrum-regulations.pdf>
		1. Several areas we could comment on, need to approve by 22 Aug.
		2. 1) go up to 71 GHz; 2) 5150-5250 remove indoor restriction; 3) should wait for WRC-19 and then harmonize with its results and EU
	3. Per the emails, another point we could comment on is sharing in some of the licensed bands and add to the license exempt list.
	4. A focus for our comments could be to wait till after WRC-19 to do this consultation.
		1. Then our other points are areas to watch for the WRC-19 outcome and what IEEE 802 is thinking.
	5. Several members have volunteered to put a few sentences together for different points, Thank You.
	6. Though still looking for text from anyone.
4. Chair presents slides 11, **ACMA consultation:**
	* 1. <https://www.acma.gov.au/theACMA/new-approaches-to-spectrum-sharing-1>
		2. Comments due 27 Sept, the RR\_TAG would need to approve by 12 Sept, before the Wireless Interim.
		3. Asking about sharing approaches and looking for feedback. They have 7 questions.
		4. They are looking at energy detection, similar to the 3.5 GHz access system
		5. A member will look at this and start some draft comments.
5. Chair presents slides 12, **general discussion items**
	1. **UWB petition for rule making**
	2. LMSC ballot went to the 14th, yesterday and was short one response, so did not meet return rate, the motion failed. However the Chair is confirming with rule’s folks to be sure.
6. Chair presents slide 13, Actions required
	* Continue to review the S. Africa consultation
	* ACMA start some comments.
	1. Ongoing:
	2. WPT use of license-exempt bands
	3. Digital Divide, how can we help?
7. Chair presents slide 14 Any Other Business
	1. Nothing brought up
8. Chair presents slide 15, Adjourn
	1. Next teleconference: 22 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.
		3. Beware, new call in link coming, likely 05 Sept.
	2. Adjourn:
		1. Agenda complete, any objection to Adjourn.
		2. None heard, Adjourn at 15:49 ET.
	3. 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– remember no reciprocal from other WGs
		2. <http://www.mtgevents.com.au/ieee2019/visa-and-travel/>
	4. **Thank You**