IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 22 Aug 2019 |
| Name | Affiliation | Address | Phone | Email |
|  |
| Recording Secretary |
| 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, 22 Aug 2019

**Voters for this meeting:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** |
| **22aug** | **15aug** | **08aug** | **01aug** | **30jul** | **25jul** | **02may** | **09may** | **30may** |
| Auluck | Vijay | Self Employed | **x** | **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** | **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** |  | **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** |
| **22aug** | **15aug** | **08aug** | **01aug** | **30jul** | **25jul** | **02may** | **09may** | **30may** |
| 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 802.18-19/0113r01, the call to order and administrative items
	1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 5, of 802.18-19/0113r01, 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 sharing 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: Stuart Kerry (Ruckus)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 15 August 2019 in document <https://mentor.ieee.org/802.18/dcn/19/18-19-0112-00-0000-minutes-15aug19-rrtag-teleconference.docx> Posted: 16-Aug-2019 11:05:25

Moved by: Peter Ecclesine (Cisco Systems)

Seconded by: Stuart Kerry (Ruckus)

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. Nothing reported this week.
2. Chair presents slides 9, ITU-R items to share
	1. Nothing reported this week.
3. Chair presents slides 10-11, **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. A few folks worked on some text, thanks, the chair sent out <https://mentor.ieee.org/802.18/dcn/19/18-19-0115-00-0000-icasa-s-africa-intentions-to-amend-spectrum-regs-ieee-802-comments.docx> for all to review.
	4. Will review, edit and hopefully vote on it.
	5. Some edits and updates. Voted on r02
	6. **Motion:** Move to approve the comments in <https://mentor.ieee.org/802.18/dcn/19/18-19-0115-02-0000-icasa-s-africa-intentions-to-amend-spectrum-regs-ieee-802-comments.docx> response to ICASA consultation paper on Notice of Intentions to amend annexure B of the radio frequency spectrum regulations, 2015. With the chair of 802.18 to have editorial privileges and send to the LMSC(EC) for review/approval and submission to the ICASA by 04 September 2019.

 Moved by: Vijay Auluck (Self).

Seconded by: Ben Rolf (Blind Creek Assoc.)

Discussion? none

Vote: \_9\_Y / \_0\_N / \_1\_A

Voters: Jay, Andy, Ben, John, Mike, Paul, Peter, Stuart, Tim, Vijay

Motion: Passed

Number in attendance: \_10\_

1. Chair presents slides 12, **ACMA consultation on sharing:**
	* 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.
2. Chair presents slides 13, **general discussion items**
	1. UWB petition for rule making
		1. LMSC ballot did not fail in the end. Will look to file anyway.
			1. The OM rule states approved by 2/3 of the Sponsor (EC), but not exactly true.
			2. Results questioned and clarification was asked at ballot close, response came later.
		2. <https://www.fcc.gov/ecfs/search/filings?proceedings_name=RM-11844&sort=date_disseminated,DESC> (cg rm-11844)
	2. Chair received yesterday (21Aug) from ACMA, from our comments in Feb.
		1. Consultation: [Class licensing updates: Supporting 5G and other technology innovations](https://www.acma.gov.au/theACMA/class-licensing-updates-supporting-5g-and-other-technology-innovations).
		2. All comments and ACMA responses are summarized in the [Response to submission paper](https://www.acma.gov.au/theACMA/-/media/234BA756D790415F8DBC1063DD16F86B.ashx).
		3. The final [variation to the LIPD Class Licence.](https://www.legislation.gov.au/Details/F2019L01075)
		4. We may be interested in the update for data communication transmitters and new item authorizing outdoor fixed point-to-point links in the 57-71 GHz frequency band and fully harmonized with FCC Part 15.255 (as option 2, option 1 is OFCOM arrangement)
3. Chair presents slide 14, Actions required
	1. S. Africa consultation - start LMSC ballot
	2. ACMA start some comments.
	3. UWB reply comments / ex parte will be considered.
	4. Ongoing:
	5. WPT use of license-exempt bands
	6. Digital Divide, how can we help?
4. Chair presents slide 15 Any Other Business
	1. Nothing brought up
5. Chair presents slide 16, 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 15:51 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**