IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 04 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, 04 Jun 20

**Voters for this meeting:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** |
| **04juny** | **28may** | **21may** | **14may** | **07may** | **30apr** | **23apr** | **16apr** | **09apr** |
| Auluck | Vijay | Self Employed | **x** |  | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Berens | Friedbert | FBConsulting Sarl |  |  |  |  |  |  |  |  |  |
| Boldy | David | Broadcom |  | **x** |  |  |  |  | **x** |  | **x** |
| de Vegt | Rolf | Qualcomm Incorporated |  |  |  |  | **x** |  |  |  |  |
| Ecclesine | Peter | Cisco Systems, Inc. | **x** | **x** | **x** | **x** |  | **x** | **x** | **x** |  |
| Fang | Yonggang | ZTE TX Inc |  | **x** |  | **x** | **x** | **x** | **x** | **x** | **x** |
| Harrington | Tim | Pro ID & UWB Alliance | **x** | **x** | **x** | **x** |  | **x** | **x** | **x** | **early** |
| Holcomb | Jay | Itron Inc. | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| Jeffries | Tim | FutureWei | **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** |  |  | **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 | x |
| Rolfe | Ben | Blind Creek Assoc. & UWB All. | **x** | **x** | **x** | **x** |  |  |  |  |  |
| Sarris | Ioannis | u-blox |  |  |  |  |  |  |  |  | **x** |
| Stanley (lmsc) | Dorothy | HPE | **x** | **x** | **x** | **x** | **x** |  |  | **x** | **x** |
| Yaghoobi | Hassan | Intel Corporation |  | **x** | **x** | **x** | **x** | **x** | **x** |  |  |

**Non-Voters for this meeting:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** |
| **04jun** | **28may** | **21may** | **14may** | **07may** | **30apr** | **23apr** | **16apr** | **09apr** |
| Andersdotter | Amelia | Self |  |  | **x** | **x** | **x** |  |  |  |  |
| Au | Edward | Huawei |  |  | **x** | **x** | **x** | **x** | **x** | **x** | **x** |
| D’Ambrosia(lmsc) | John | FutureWei |  |  | **x** | **x** |  |  |  |  |  |
| Levy | Joseph | Interdigital | **x** |  |  | **x** | **x** | **x** | **x** | **x** |  |
| Rosdahl(lmsc) | Jon | Qualcomm |  |  | **x** |  |  |  |  |  |  |
| Roy | Dick | Self |  |  |  |  |  |  |  |  | **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 802.18-20/0089r01, the call to order and administrative items
	1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 7, of 802.18-20/0089r01, the agenda:
	1. Call to Order
	2. Administrative items
		1. Someone to take some notes:
	3. Approve agenda & last minutes
	4. Discussion items
		1. EU Items
		2. ITU-R Items
		3. ACMA 5-year spectrum outlook
		4. FCC FNPRM on 6 GHz
		5. General Discussion Items
	5. Actions required
		1. Anything new today
	6. AOB and Adjourn
3. Chair presents slide 8, Administrative – Motions and more
	1. **Motion:** To approve the agenda as presented on previous slide

Moved by: Stuart Kerry (Ruckus/CommScope)

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 28 May 2020 in document <https://mentor.ieee.org/802.18/dcn/20/18-20-0088-00-0000-minutes-28may20-rrtag-teleconference.docx> 29-May-2020 09:39:00 ET, with editorial privilege for the 802.18 chair.

Moved by: Peter Ecclesine (Cisco)

Seconded by: Ben Rolfe (Blindcreek Assoc.)

Discussion? None

Vote: Approved by unanimous consent

1. Chair presents slide 9, Administrative – Motions and more
	1. Couple of quick notes from LMSC/EC call Tuesday, 02jun20.
	2. On the LMSC call coming up on 07Jul20, decision on Bangkok November 2020 Plenary.
	3. The LMSC is asking for input on travel restrictions known at the time (confidentiality will be respected.)
	4. Note: LMSC focuses on Plenaries. There will be a wireless chair meeting end of June to discuss the September wireless interim.
	5. There is LMSC emails happening, working on possible rule updates on how to handle the week of July 12th to 17th, when we were to have the plenary.
		1. E.g. can that week be a ‘plenary’ just electronic? Then can follow all the Plenary rules.
		2. Or do we look at focused topics for exceptions, like elections, PARs, etc.
		3. Will there be enough meeting webex? That will be taken care, also affiliations may offer some also.
		4. Note: .11 is having 2 WG teleconferences for WG business, Mon and Thurs. TGs, etc,. not required to have calls.
	6. So for RR-TAG, we will re—evaluate for outcome from the LMSC/EC on what that week is.
		1. Note: some may have made other plans with cancelling the face to face, the chair will consider that.
	7. On membership question from last week, the .18 chair is working on some options to send to the LMSC, though would like to see how the July week ends up per above.
2. 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. 6 GHz adaptivity papers are coming in, with a deadline 1400 CET 08June20.
		2. Bran website has calendar you can import into outlook for all that is going on.
	2. **ETSI - ERM -** [**<TG-11>**](https://portal.etsi.org/tb.aspx?tbid=442&SubTB=442) **next call: 02Jul20**
		1. 04Jun20 call today: Main participants working offline with inputs to SRDoc, back to TG11 in 2 weeks, before next call on 02July.
		2. .11 CoEx SC is working on response to the liaison from TG-11.
	3. **CEPT – ECC** [**<WGFM>**](https://cept.org/ecc/groups/ecc/wg-fm/client/introduction/) **next meeting #96, 08-12June20; Web-meeting 🡸 next week**
		1. New France Doc in the past day for next Monday (start of #96) and they are pushing again what they have in the past with some adds.
		2. Rules per country web site: <https://www.ecodocdb.dk/implementation/443>
		3. What to do before energy in the air…….
		4. This could be implemented in months, and not required to go through ETSI
3. Chair presents slide1 12, **ITU-R items to share**
	1. Hearing from ITU-R HQ, that meetings will be remote until at least the end of September.
		1. Have not found on IUT-R website (yet)
4. Chair present slides 13 and 14, **ACMA 5-year spectrum Outlook**
	1. <https://mentor.ieee.org/802.18/dcn/20/18-20-0079-00-0000-acma-5year-spectrum-outlook-fys-2020-24.docx>
	2. The closing date for submissions is COB, Wednesday 24 June 2020.
		1. Need to have 802.18 approval by Thursday 11 June 2020-next week
		2. No contributions to date and no feedback in the call.
5. Chair presents slides 15 and 16, **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.
		5. Internal FCC review deadline is today, 04Jun20.
		6. May see some replies to this petition in the next days. See 18-295 proceeding link above.
		7. 30 days for FCC to rule on these. Response to the Stay is first, though may tie it all together, tbd.
	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 by 11June20 next week.**
		3. Reply Comments due: 27July20.
		4. Anything for IEEE 802 as a whole to consider? \_\_\_\_\_\_\_\_\_
	3. Sent out email on reflectors and no comment ready text contributions to date.
6. Chair presents slides 17 - 18, General discussion items
	1. NTIA RFC on National Strategy to Secure 5G Implementation Plan - FYI
		1. The US Government/NTIA is looking at the opportunities and challenges of implementing 5G.  They released a Request for Comment at this link: [https://www.ntia.gov/federal-register-notice/2020/request-comments-national-strategy-secure-5g-implementation-plan](https://urldefense.com/v3/__https%3A/www.ntia.gov/federal-register-notice/2020/request-comments-national-strategy-secure-5g-implementation-plan__;!!F7jv3iA!niPbWIxq7AWeDKcu0MFtHGwJIeU7xISFCxwwsNdCBe5sAg6PB4U7tqjsEwL48EHmjw$).  The input and responses will likely form a basis for developing/enacting an implementation plan (and includes a security focus).
		2. Comments due 18 June 2020.
		3. In accordance with the Secure 5G and Beyond Act of 2020, the National Telecommunications and Information Administration (NTIA), on behalf of the Executive Branch, is requesting comments to inform the development of an Implementation Plan for the National Strategy to Secure 5G.
		4. Mentor: <https://mentor.ieee.org/802.18/dcn/20/18-20-0091-00-0000-ntia-rfc-strategy-to-secure-5g-implementation-plan.pdf>
		5. All 802 technologies may have a stake in this, it is more than “5G”.
		6. Much discussion that we should look at this more and could we file late?
		7. Will keep active and can we do something.
	2. The 2 ITU-R WP5A submissions (M.1450/M/1801-802.18 approved before) was on EC call of 02Jun20 consent agenda: Motion passed.
		1. Will prepare copies to get to ITU-R Liaison for early July submission.
		2. Will watch ITU-R WP5A meeting dates in case we want to delay submission.
		3. As of yesterday (03Jun20): [Monday 2020-07-20 - Thursday 2020-07-30](https://www.itu.int/events/eventdetails.asp?eventid=17353)
		4. Place : Switzerland [Geneva] Status : Confirmed - [Add to Calendar](https://www.itu.int/events/eventdetails.asp?eventid=17353&action=addtocalendar)
7. Chair presents slide 18, Actions required
	* **NTIA RFC, should we/can we file something?**
* **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 slide19 Any Other Business
	1. The IEEE is continuing with an RFP (3rd parties to put the requirements together) process for a Mentor replacement. Have not seen an overall timeline \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Chair presents slide 20, Adjourn
	1. **Next weekly teleconference (scheduled to 03sep): 11 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) (new – starting 14 May 20)*
			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. Adjourn:
		1. Any objection to Adjourn.
		2. None heard, Adjourn at 15:59et
	3. **The next face to face meeting is tbd. Note, Montreal in July is cancelled.**
	4. **Thank You**