IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 27 Dec 2018 |
| Name | Affiliation | Address | Phone | Email |
|  |
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|  |
| 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, Dec 27th 2018.

**Voters for this meeting: 2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** |
| **10/25** | **11/01** | **11/08** | **11/29** | **12/06** | **12/13** | **12/20** | **12/27** |
| Auluck | Vijay | Self Employed |  | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |  |  |
| Ecclesine | Peter | Cisco Systems, Inc. | **Ⅹ** | **Ⅹ** |  | **Ⅹ** | **Ⅹ** |  |  |  |
| Harrington | Timothy | Pro-ID Consulting |  | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |
| Holcomb | Jay | Itron Inc. | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** |
| Jeffries | Timothy | Huawei Technologies |  |  |  |  |  | **Ⅹ** | **Ⅹ** |  |
| Kain | Carl | Noblis Inc. |  |  |  |  |  |  | **Ⅹ** |  |
| Kennedy | Richard | Self | **Ⅹ** |  | **Ⅹ** | **Ⅹ** |  | **Ⅹ** |  |  |
| Kerry | Stuart | ARRIS/Ruckus |  | **Ⅹ** |  |  | **Ⅹ** |  |  |  |
| Lansford | James | Qualcomm |  |  |  |  |  |  |  |  |
| Lynch | Mike | MJLynch Assoc |  | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |  | **Ⅹ** |
| Notor | John | Notor Research | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |  |  |  |
| Yaghoobi | Hassan | Intel Corporation |  | **Ⅹ** |  | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |
| Verso | Billy | DecaWave | **Ⅹ** |  |  |  | **Ⅹ** |  |  |  |
| Zhu | Chunhui | Huawei Technologies  | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |

**Non-Voters for this meeting: 1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Last Name** | **First Name** | **Affiliation** | **Attendance** |
| **10/25** | **11/01** | **11/08** | **11/29** | **12/06** | **12/13** | **12/20** | **12/27** |
| Yucek | Tevfik | Qualcomm | **Ⅹ** | **Ⅹ** |  |  |  |  |  |  |
| Cook | Charles | Windstream Communications |  | **Ⅹ** |  |  |  |  |  |  |
| Boldy | David | Broadcom |  |  |  | **Ⅹ** |  |  |  |  |
| Hamilton | Mark | ARRIS/ Ruckus |  |  |  |  |  |  |  |  |
| Hervieu | Lilli | CableLabs | **Ⅹ** |  |  |  |  |  |  |  |
| Kenney | John | Toyota ITC | **Ⅹ** | **Ⅹ** | **Ⅹ** |  | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |
| Nejatian | Alireza | Ericsson |  | **Ⅹ** |  | **Ⅹ** | **Ⅹ** | **Ⅹ** |  |  |
| Rolfe | Ben | Blind Creek Assoc. and UWB Alliance | **Ⅹ** | **Ⅹ** |  |  | **Ⅹ** | **Ⅹ** | **Ⅹ** | **Ⅹ** |

Note: A total of 4 mystery guests appeared on the WebEx who have not yet been identified, including Alessandra, Ana and Micheli.

1. Chair calls the meeting to order at 15:08 ET.
2. Chair presents slides 2, 3, and 4 of 802.18-18/0169r01, the call to order and administrative items
	1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
3. Chair presents slides 5, of 802.18-18/0162r01, the agenda
	1. Call to Order
	2. Administrative items
	3. Approve agenda & last minutes
	4. Discussion items
		* EU Items
		* 5GAA Waiver to Allow ITS C-V2X
		* BTRC consultation Freq. Allocation
		* NTIA National Spectrum Strategy
		* U.S. DoT Releases Request for Comment (RFC) on Vehicle-to-Everything (V2X) Communications
		* ACMA consultation for 5G and 60GHz band
		* General Discussion Items
	5. Actions required
		* 5GAA comments and anything new
		* BTRC if we do comments
	6. AOB and Adjourn
4. Chair presents slide 6, Administrative – Motions and more
	1. Chair repeats the plea for a recording secretary. Ben Rolfe volunteers for this call.
	2. Also, the Chair noted a long-term secretary and vice-chair are also needed.
	3. Motion: To approve the agenda as presented on previous slide
		* Moved by: Jay Holcomb (Itron)
		* Seconded by: Mike Lynch (MJLynch Assoc)
		* No discussion
		* Vote: Unanimous consent
	4. Motion: To approve the minutes from the IEEE 802.18 teleconference 20 December 2018 in document <https://mentor.ieee.org/802.18/dcn/18/18-18-0167-00-0000-minutes-20dec18-rr-tag-teleconference.doc> Posted: 20-Dec-2018 11:07:13 ET
		* Moved by: Jay Holcomb (Itron)
		* Seconded by: no second (Will move motion to future call.)
		* No discussion.
		* Vote:
5. Chair presents slide 7-8, EU Items review
	1. General EU news?
		* Nothing reported this week.
	2. ETSI – BRAN – next meeting #100 - 17-20 Dec. 2018, Sophia Antipolis
		* Nothing reported this week.
	3. ETSI - ERM - TG-11 – next meeting # 55 - 08-11 Apr 2019, Sophia Antipolis
		* Nothing reported this week.
	4. ETSI – ERM - TG-UWB
		* Nothing reported this week.
	5. CEPT – ECC SE45 - f2f #7 in ECO, Copenhagen, 24 - 25 April 2019
		* Nothing reported this week.
		* From before:
			+ Did complete the draft report, [SE45(18)123A1](https://cept.org/Documents/se-45/48447/se45-18-123a1_draft-ecc-report-rlan-in-6-ghz). (it looks to be a larger doc…)
			+ Included all the inputs from all parties, FSS, Astronomy, UWB, etc.
		* Watch for minutes, actually draft is already out, [SE45(18)123](https://cept.org/Documents/se-45/48449/se45-18-123_draft-minutes-of-se456-meeting) .
	6. CEPT – ECC FM57 - web meeting #4.1 28 January 2019
		* Nothing reported this week.
		* Watch for minutes from last meeting.
6. Chair presents slide 9, 5GAA Waiver to Allow ITS C-V2X
	1. Chair filled in a bit for points 1 and 3, sent to 802.11bd member Waiting for reply. Chair reviewed current content and open questions.
		* Presented and discussed the new content
	2. Timeline has not changed:
		* Comments due 11 January 2019.
		* Reply comments January 28, 2019.
		* Will have to work via emails, EC electronic ballot
	3. Links:
		* **Waiver:** <https://mentor.ieee.org/802.18/dcn/18/18-18-0152-01-0000-5gaa-waiver-to-allow-its-cellular-vehicle-to-everything-c-v2x.docx>
		* **ECFS:** <https://www.fcc.gov/ecfs/search/filings?proceedings_name=18-357&sort=date_disseminated,DESC>
		* **Request for Comments:**

<https://docs.fcc.gov/public/attachments/DA-18-1231A1.pdf>

<https://mentor.ieee.org/802.18/dcn/18/18-18-0158-00-0000-fcc-gn-18-357-5gaa-waiver-request-for-comments.pdf>

1. Chair presents slide 10, BTRC public consultation on National Frequency Allocation
	1. [**http://www.btrc.gov.bd/news/public-consultation-draft-revision-national-frequency-allocation-table**](http://www.btrc.gov.bd/news/public-consultation-draft-revision-national-frequency-allocation-table)
	2. Bangladesh BTRC has started a public consultation on the draft revision of National Frequency Allocation. The comment submission deadline is January 12, 2019.
	3. When compared with BTRC's notice in November 2017 that allows 2.4 GHz and 5.7 GHz for Wi-Fi, this consultation proposes to add the following bands for indoor RLAN operations: 5150-5250 MHz, 5250-5350 MHz, 5470-5570 MHz, 5570-5650 MHz.
	4. For IoT operation under 1 GHz, it proposes non-IMT IoT in 915-918 MHz and non-specific short range device operation in 915-921 MHz.
	5. We would need to vote on final comments next week, 03 Jan.
2. Chair presents slide 11, NTIA soliciting comments on National Spectrum Strategy
	1. This is new since November – NTIA has issued a request for comment, which answers the question in November about how and to whom to submit comments.
	2. SUMMARY: On behalf of the U.S. Secretary of Commerce, the National Telecommunications and Information Administration (NTIA) requests comments from interested parties with regard to development of a comprehensive, long-term national spectrum strategy. NTIA seeks broad input from interested stakeholders, including private industry, academia, civil society, and other experts.
	3. Comments must be received by January 22, 2019
	4. <https://mentor.ieee.org/802.18/dcn/18/18-18-0168-00-0000-developing-a-sustainable-spectrum-strategy-for-america-s-future-ntia-request-for-comments.pdf>
	5. This is related to the presidential memorandum from November plenary:
		* <https://mentor.ieee.org/802.18/dcn/18/18-18-0134-00-0000-developing-a-sustainable-spectrum-strategy-for-america-s-future.docx>
		* <https://mentor.ieee.org/802.18/dcn/18/18-18-0147-00-0000-ieee-802-draft-press-release-supporting-us-spectrum-strategy.docx>
	6. There are 5 points and 9 questions
	7. Have been asked to have 802.18 to review and do comments where appropriate.
3. Chair presents slide 12 and 13, U.S. DoT Releases RFC on V2X Communications
	1. No discussion on this call.
4. Chair presents slide 14-15, ACMA - Proposed updates to class licensing arrangements supporting 5G and other technology innovations
	1. No discussion on this call
5. Chair presents slide 13, General Discussion Items
	1. Nothing discussed.
6. Chair presents slide 17, Actions Required
	1. 5GAA Waiver to Allow ITS C-V2X, is out for comments.
		* All, please provide points and text for IEEE 802 comments to the chair or the list server.
		* See document 18-18/0159 for draft comments.
		* Goal we must vote on it next week, 03 Jan, to meet comments due by 11 January (the backup, by 28 January they would still be accepted.)
	2. Send in comment text for the BTRC consultation on Freq. Allocations
	3. Send in comment text for NTIA’s RFC on spectrum strategy.
	4. Send in comment text on DOT’s Request for Comments on V2X.
	5. Be thinking about ACMA consultation that had 60GHz.
7. Chair presents slide 18, Any Other Business
	1. None
8. Chair presents slide 19, Adjourn
	1. Next teleconference: 03 Jan 2019 – 15:00 – <15:55 ET
		* Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-11-0000-teleconference-call-in-info.pptx> (or latest)
		* Note: If the call-in link doesn’t work send the Chair an email right away.
		* All changes/cancellations will be sent out to the 802.18 list server.
		* Note: starting 03 January 2019 new call in, see 18-16/0038r11.
	2. Adjourn:
		* Agenda complete, any objection to Adjourn.
		* None heard, Adjourn at 15:25 ET.
	3. The next face to face meeting of the 802.18 RR-TAG will be at the IEEE 802 13-18 January19 the Wireless Interim in St. Louis, MO, USA at the Hilton St Louis at the Ballpark.
		* Time slots, Tuesday AM2 and Thursday AM1