IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 10Sep20 |
| Name | Affiliation | Address | Phone | Email |
|  |  |  |  |  |
| Author and Officer presiding:  |
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Abstract

Minutes of the IEEE 802 RR-TAG Teleconference.

These are the Minutes of the IEEE 802 RR-TAG Teleconference, Thursday, 10Sep20

Chair calls the meeting to order at 15:02 ET.

1. Chair presents slides 2 – 6 of 802.18-20/0124r01, the call to order and administrative items
	1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 7, the agenda:
	1. Call to Order
	2. Administrative items
		1. Someone to take some notes, Peter E
		2. Attendance & request queue in chat window, Stuart K.
	3. Approve agenda, last minutes & next meetings
	4. Discussion items
		1. EU Items
		2. Other regions Items
		3. ITU-R Items
		4. FCC R&O and more on 6 GHz
		5. General Discussion Items
	5. Actions required
		1. WRC-19 carry over AIs.
		2. Anything new today
	6. AOB and Adjourn
3. Chair presents slides 8 - 9 Administrative – Motions and more
	1. **Motion:** To approve the agenda as presented on previous slide

Moved by: Stuart Kerry (self/OK-Brit)

Seconded by: Vijay Auluck (Self)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 03 September 2020 in document <https://mentor.ieee.org/802.18/dcn/20/18-20-0123-00-0000-minutes-03sep20-rrtag-teleconference.docx> 04-Sep-2020 13:36:06 ET, with editorial privilege for the 802.18 chair.

Moved by: Edward Au (Huawei)

Seconded by: Ben Rolfe (Blind Creek)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Administrative moving forward - no change**
		1. For September 2020 Wireless Interim (Atlanta) , the Wireless Chairs met and have postponed this interim to first available NAM wireless slot. (Today it is Jan 2024)
		2. At this time 802.18 will just have our normal weekly Thursday calls, like we have been doing, stay tuned, with no overall participation credit per op manual.
		3. With that, the RR-TAG is able to conduct needed business as normal in our teleconferences.
		4. For November 2020 Plenary (Bangkok), the LMSC call on 07Jul20 (Tuesday) approved to cancel the venue for the Nov 2020 Plenary in Bangkok.
			1. A ballot just passed by LMSC/EC to approve to have the November Plenary electronic from Friday 30Oct20 to Friday 13Nov20.
	2. This will allow 802.18 to have our 2 Thursday meetings, like the July Plenary.
	3. Which will be the 05nov20 and 12nov20,
		1. Do have a protentional conflict with 802.19 the second Thursday in the 2nd hour.
		2. What if we started the 2-hour plenary call 1 hour earlier, so both Thursdays’s are 2:00-4:00et? There are conflicts an hour early, also.
		3. What about keeping to 1 hour, both calls? Agenda is not known till we get closer, what if we need more time?
		4. **Or 2hr 1st week & 1hr 2nd week? 🡸 This will be the plan.**
		5. As RR-TAG has done in plenaries, it will take attending both for attendance credit.
1. Chair presents slides 10 & 11, **EU items to share**
	1. **ETSI –** [**<BRAN>**](https://portal.etsi.org/tb.aspx?tbid=287&SubTB=287) **next call, meeting #107, 24Sep-02Oct20**
		1. Submissions closed last night (09sep20), with 6 new ones.
		2. BRAN(20)106f003r2 (now r2), with new sponsors. There is a companion document for it.
	2. **ETSI - ERM -** [**<TG-11>**](https://portal.etsi.org/tb.aspx?tbid=442&SubTB=442) **next calls, SRDoc #14, 09sep20**
		1. Next to last call yesterday (9th), all the docs related to clause 8 (Presentation of the various existing Wideband Data Transmission systems/technologies) finished up, and down to last cleanup of SRDoc, on last call #15.
		2. There is an interim Chair, from Intel. ERM will put out a call for nominations shortly.
	3. **CEPT – ECC** [**<SE45>**](https://cept.org/ecc/groups/ecc/wg-se/se-45/client/introduction/) **next calls: #12, 21-23Sep20**
		1. Industry folks need to wrap up their studies (was due yesterday, the 9th), so can get to FM57 via WGSE and WGFM.
		2. No DFS in 5.8GHz input paper came in for review.
	4. **CEPT – ECC** [**<FM57>**](https://cept.org/ecc/groups/ecc/wg-fm/fm-57/client/introduction/) **next call, meeting #12, 05-07Oct20**
		1. The public consultation closed and the ECO will be releasing all the comments from the public consultations together.
2. Chair presents slides 12-13, **Other regions (outside EU and USA), items to share**
	1. **Consultation from Kingdom of Saudi Arabia spectrum outlook:**
		1. <https://www.citc.gov.sa/en/new/publicConsultation/Documents/Spectrum_Innovation_E.PDF>
		2. September 27 is the deadline; IEEE 802.18 we need to approve by 10Sept.
		3. <https://mentor.ieee.org/802.18/dcn/20/18-20-0116-00-0000-citc-saudi-arabia-five-year-outlook-on-spectrum-to-2024.pdf>
		4. Do we want to review and possibly comment, the deadline will allow?
		5. Some possible points to look at further:
			1. Figure 13 is proposed spectrum to comment on, they do have the 6 GHz band.
			2. mmWave 66-71 GHz, should they allow un-licensed?

See section 8.9 on some details.

And see section 11.20 on questions on this.

* + - * 1. Much in the consultation is on IMT to work around.
			1. 59-64GHz not allocated to any licensed users now.
			2. No contributions so far. Need a final version to vote this week, 10Sep20.
			3. We will pass.
	1. **Korea MIST has begun a consultation to propose revising the footnote K125B in allowing UWB communications from 3.735 to 4.8 GHz and 6.0 to 10.2 GHz to 4.2 - 4.8 GHz and 6.0 - 10.2 GHz.**
		1. For details, please refer to: <http://english.msip.go.kr/web/msipContents/contentsView.do?cateId=_law4&artId=3001321>
		2. 3.7 – 4.2 GHz for 5G is why UWB is being reduced.
		3. The comment submission deadline is September 30, 2020. (.18 by 17Sept., **1 week left**)
		4. A call was sent out and no inputs yet.
		5. **Japan consultation out on 5-year plan**
			1. <https://www.soumu.go.jp/main_content/000704672.pdf>
			2. With 5925–7125 MHz as unlicensed, see pages 7&22.
			3. Closes 07Oct and needed in Japanese. There are some outside ad hoc groups working on comments.
		6. **Brazil, legislation comes into affect now.**
			1. <https://www.anatel.gov.br/legislacao/atos-de-certificacao-de-produtos/2017/1139-ato-14448>
			2. Use of 5.855 GHz to 5.925 GHz for ITS.  For details, see Clause 22 of the legislation
			3. And made a revision in the rules related to unlicensed 5 GHz, including the definition of indoor environment:
			4. For the purposes of this document, an indoor environment is considered to be  one capable of producing attenuation by penetrating buildings in order to allow the emission levels of a transmitter to be degraded in different directions.  [(Included by Act No. 4776, of September 1, 2020)](https://urldefense.com/v3/__https%3A/www.anatel.gov.br/legislacao/atos-de-certificacao-de-produtos/2020/1467-ato-4776%2Aart1__;Iw!!F7jv3iA!g2oqjc6A2bSbeXEtQ2La-G8MgVYx6XdY9nDq2d7A2MA7xIp1I45woij45DxPtZxCUQ$).
			5. For details, see Clause 11 of the legislation
1. Chair presents slides 14, **ITU-R items to share**
	1. For [WP 1A](https://www.itu.int/en/ITU-R/study-groups/rsg1/rwp1a/Pages/default.aspx), the next meeting: [Tuesday 2020-11-24-Wednesday 2020-12-02](https://www.itu.int/events/eventdetails.asp?eventid=17584); Place: **Switzerland [Geneva]**
		1. For the WP 1A submission on SM-2352, chair sent note to author to coordinate
		2. <https://mentor.ieee.org/802.18/dcn/20/18-20-0052-01-0000-itu-r-sm-2352-ieee802-thz-input-to-wp1a.docx>
		3. Goal is consent agenda for LMSC(EC) call on 06 October. .18 approve by 24Sep20.
	2. For [WP-5A](https://www.itu.int/en/ITU-R/study-groups/rsg5/rwp5a/Pages/default.aspx), the next call: [Monday 2020-11-09 - Friday 2020-11-20](https://www.itu.int/events/eventdetails.asp?eventid=17576) Place : **E-Meeting**
		1. The .11 ad hoc is working on updates for M.1450 - M.1850 submissions. From before:
		2. <https://mentor.ieee.org/802.18/dcn/20/18-20-0060-04-0000-itu-ahg-recommended-edits-to-m-1801-2.docx>
		3. <https://mentor.ieee.org/802.18/dcn/20/18-20-0061-04-0000-itu-ahg-recommended-edits-to-m-1450-5.docx>
		4. Goal is consent agenda for LMSC(EC) call on 06 October. .18 approve by 24Sep20.
2. Chair presents slides 15-16, **FCC R&O and FNPRM 6GHz**
	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.
	2. **Proceeding:** [**https://www.fcc.gov/ecfs/search/filings?proceedings\_name=18-295&sort=date\_disseminated,DESC**](https://www.fcc.gov/ecfs/search/filings?proceedings_name=18-295&sort=date_disseminated,DESC)
	3. **R&O became 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. The FCC Lab published the draft KDB, 14 August 2020
		1. <https://apps.fcc.gov/oetcf/kdb/reports/PublishedDocumentList.cfm>
			1. <https://apps.fcc.gov/oetcf/kdb/reports/PublishedDocumentList.cfm>
			2. <https://apps.fcc.gov/eas/comments/GetPublishedDocument.html?id=455&tn=713821>
			3. Title: U-NII 6 GHz devices operating in the 5.925-7.125 GHz band; Short Title: U-NII 6 GHz
			4. Addendum is out with 4 changes from the 14 Aug version.
			5. <https://apps.fcc.gov/eas/comments/GetPublishedDocument.html?id=456&tn=673286>
			6. Last Date to Post Comments: 09/25/2020.
		2. **For the filings, Petitions for review/reconsideration they are in the First Circuit Court of appeals.**
			1. Announcement from circuit court of appeals, limiting the # of responses for FCC/USA, intervenors and petitioners, with limited # of words and specific response dates over the next week. The groups will have to get together for each of these.
	5. **FCC R&O 6 GHz – MSG**
		1. **The One-Multi-stake holder group (MSG) to discuss 6 GHz and what happens in the band.**
			1. WInn Forum and WFA are the initial organizations, with around 20 others.
				1. Work stream 1 - interference protection and resolution
				2. Work stream 2 - correct incumbent data (ULS)
				3. Work stream 3 - AFC and how it provides protection, etc.
				4. Sounds like a question was asked, what is an incumbent to do?
				5. It was noted, nothing on contentious based protocol.
		2. **The next meeting, 11Sep20,** will be technical detail, the first real meeting.
		3. The MSG site is not public but open to any interested party that wants to join in, *you do have to register and apply.* Was renamed to the “6GHz M.S. Committee”
		4. [https://www.wirelessinnovation.org/6ghz-multistakeholder-committee](https://urldefense.com/v3/__https%3A/www.wirelessinnovation.org/6ghz-multistakeholder-committee__;!!F7jv3iA!miq8gKDh5u9EeBEqnJQ0xEKNYPoCPGlGj45FX_qjQNRwSaW1Br7N6myjjcdbTNciew$)
		5. Couple of presentations will be brought up on the call, with AFC a focus.
		6. A new contribution (very pointed) circulated in WInn forum and not sure it will make the call tomorrow.
		7. A 4th workstream will be proposed tomorrow, 11th of Sept, and Chair and co-chairs will be assigned on the work streams.
3. Chair presents slides 17, **General discussion items**
	1. **New FCC Public Notice on E911/WiFi.**
		1. Chair (and others) watch for Public Notice on E911 for Wi-Fi devices.
	2. Have not seen a Public Notice yet.
	3. On 30 July, this did come out:
	4. <https://www.fcc.gov/general/9-1-1-and-e9-1-1-services>
	5. 911 service is a vital part of our nation's emergency response and disaster preparedness system. In October 1999, the Wireless Communications and Public Safety Act of 1999 (911 Act) took effect with the purpose of improving public safety by encouraging and facilitating the prompt deployment of a nationwide, seamless communications infrastructure for emergency services. One provision of the 911 Act directs the FCC to make 911 the universal emergency number for all telephone services.
	6. After the meeting **A member found the FCC Public Notice on E911/WiFi.**
		1. <https>[://www.fcc.gov/document/pshsb-seeks-comment-pursuant-ray-baums-act](https://www.fcc.gov/document/pshsb-seeks-comment-pursuant-ray-baums-act)
		2. DA 20-1003;  PUBLIC Safety and Homeland security Bureau SEEKs COMMENT ON EMERGENCY ACCESS TO WI-FI ACCESS POINTS AND Spectrum for UNLICENSED Devices pursuant to Section 301 of ray Baum’S act of 2018; PS Docket No. 20-285:
		3. (1) making telecommunications service provider-owned Wi-Fi access points, and other communications technologies operating on unlicensed spectrum, available to the general public for access to 9-1-1 services, without requiring any login credentials, during times of emergency when mobile service is unavailable;
		4. (2) the provision by non-telecommunications service provider-owned Wi-Fi access points of public access to 9-1-1 services during times of emergency when mobile service is unavailable; and
		5. (3) other alternative means of providing the public with access to 9-1-1 services during times of emergency when mobile service is unavailable.
		6. Comments due 01October20.
		7. Chair will add to agenda for next week.
4. Chair presents slide 18, Actions required
* For WP 1A contribution on SM-2352, chair to confirm with Author next steps and timing.
* Find and ID WRC-19 AIs carried over to WRC-23 we have interest in.
* Chair (and others**)** watch for Public Notice on E911 for Wi-Fi devices.
1. Chair presents slide 19 Any Other Business
	1. none heard
2. Chair presents slide 20, Adjourn
	1. **Next weekly teleconference (scheduled to 07Jan21): 17 Sep 20–*15:00–<15:55* ET**
		1. Call in info: <https://mentor.ieee.org/802.18/dcn/16/18-16-0038-16-0000-teleconference-call-in-info.pptx> (*or latest)* ***(new – weekly call in starts 30july20)***
			1. Or back up slide in the agenda.
		2. All late changes/cancellations will be sent out to the 802.18 list server.
	2. **Overall IEEE 802 schedule:** [**http://ieee802.org/802tele\_calendar.html**](http://ieee802.org/802tele_calendar.html)
		1. or only 802.18: [IEEE 802.18 TAG Calendar](https://calendar.google.com/calendar/embed?src=c2gedttabtbj4bps23j4847004%40group.calendar.google.com&ctz=America%2FNew_York)
	3. Adjourn:
		1. Any objection to Adjourn.
		2. None heard, Adjourn at 15:49et
	4. **The next face to face meeting is tbd.**
	5. **The next plenary will be electronic from 30Oct20 to 13Nov20.**
	6. **Thank You**

Voters:

Au Edward Huawei

Auluck Vijay Self

Ecclesine Peter Cisco Systems, Inc.

Fang Yonggang ZTE TX Inc

Holcomb Jay Itron Inc.

Jeffries Timothy FutureWei Technologies, Inc.

Kain Carl Noblis, Inc.

Kenney John TOYOTA InfoTechnology Center U.S.A.

Kerry Stuart OK‐Brit, Self

Levy Joseph InterDigital

Nikolich Paul various

Rolfe Benjamin Blind Creek Associates

Yaghoobi Hassan Intel Corporation

Non Voting Attendees

Madhavan Narendar Ericsson

Petrick Al InterDigital (Jones-Petrick and Associates, LLC.)

Schiessl Sebastian u‐blox

Ward Lisa Rohde & Schwarz

Yucek Tevfik Qualcomm