IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 17Sep20 |
| 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, 17Sep20

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

1. Chair presents slides 2 – 6 of 802.18-20/0126r01, 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 announcements
	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. ITU-R submissions
		2. Anything new today
		3. WRC-19 carry over AIs.
	6. AOB and Adjourn
3. Chair presents slides 8 - 10 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 10 September 2020 in document, <https://mentor.ieee.org/802.18/dcn/20/18-20-0125-00-0000-minutes-10sep20-rrtag-teleconference.docx> 11-Sep-2020 19:13:12 ET, with editorial privilege for the 802.18 chair.

Moved by: Peter Ecclesine (Cisco Sys.)

Seconded by: Ben Rolfe (Blind Creek)

Discussion? None

Vote: Approved by unanimous consent

* 1. **General announcement:**
		1. Many have heard, though Dr. Bob Heile is stepping away from IEEE 802 due to health issues. With that Pat Kinney is assuming role as Chair of WG 802.15 with Rick Alfvin as Vice-Chair.
		2. Also Dorothy Stanley will be picking up the Wireless Chairs, Chair duties.
		3. Would like to wish Bob all the very best during these times and his contributions and leadership to IEEE 802 will be sorely missed.
	2. **Administrative moving forward**
		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)
			1. At this time 802.18 will just have our normal weekly Thursday calls, like we have been doing, with no overall participation credit.
			2. With that, the RR-TAG is able to conduct needed business as normal in our teleconferences.
		2. 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 did pass in the 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. **For .18 we will meet 2hrs the 1st week(1500-1700et), 05Nov20.**
			4. **And 1hr the 2nd week(1500-1600et), 12Nov20**
			5. As RR-TAG has done in plenaries, it will take attending both for attendance credit.
		3. For **January** **2021** Wireless Interim (Irvine) the Wireless Chairs will be meeting 30 Sept to discuss plans for then. .
1. Chair presents slides 11 & 12, **EU items to share**
	1. **A liaison person from ETSI to the ECC has been confirmed.**
	2. **ETSI –** [**<BRAN>**](https://portal.etsi.org/tb.aspx?tbid=287&SubTB=287) **next call/meeting #107, 24Sep-02Oct20**
		1. nothing to share today
	3. **ETSI - ERM -** [**<TG-11>**](https://portal.etsi.org/tb.aspx?tbid=442&SubTB=442) **next call, SRDoc #15, 17Sep20**
		1. A liaison was sent to Chair of ERM about the interim chair for TG11 from Intel. Next is for ERM to formalize the chair appointment.
		2. After the call today, the 2.4 GHz SRDoc on WideBand data systems will get reported to ERM, where tit will go to WGFM after that..
	4. **CEPT – ECC** [**<SE45>**](https://cept.org/ecc/groups/ecc/wg-se/se-45/client/introduction/) **next call: #12, 21-23Sep20**
		1. nothing to share today
	5. **CEPT – ECC** [**<FM57>**](https://cept.org/ecc/groups/ecc/wg-fm/fm-57/client/introduction/) **next call, meeting #12, 05-07Oct20**
		1. The Draft CEPT report 75 (Report B) and ECC Decision (20)01 (rules of lower 6 GHz band) are available in the input docs for meeting #12. These have the comments/inputs from the public consultation.
		2. It is suggested to have focus on the ECC decision, as it is for making the rules moving forward.
2. Chair presents slides 13 & 14, **Other regions (outside EU and USA), items to share**
	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);
		4. No contributions, so we will pass
	2. **Mexican RF Regulator** – *Instituto Federal de Telecomunicaciones* (IFT) – have announced a public consultation is underway concerning its [2020-2024 policy roadmap](http://www.ift.org.mx/sites/default/files/industria/temasrelevantes/16510/documentos/hrparaconsultapublicadefinitivascv390820_0.pdf)
		1. The main objective of the public consultation is to define the strategic framework for the period 2020-2024, with a focus on 5G, Internet of Things or IPv6.
		2. The public consultation will officially close on 12th October 2020.
		3. The link to the announcement of the public consultation and the format to send comments can be found [here.](http://www.ift.org.mx/industria/consultas-publicas/consulta-publica-sobre-el-proyecto-de-hoja-de-ruta-del-instituto-federal-de-telecomunicaciones-2020) The text is in Spanish language only.
	3. **Proposed update to the Australian Radiofrequency Spectrum Plan - consultation 27/2020**
		1. <https://www.acma.gov.au/consultations/2020-08/proposed-update-australian-radiofrequency-spectrum-plan-consultation-272020>
		2. **Key documents**
			1. [Proposed update to the Australian Radiofrequency Spectrum Plan - consultation paper (111.08 KB)](https://www.acma.gov.au/sites/default/files/2020-08/Proposed%20update%20to%20Australian%20Radiofrequency%20Spectrum%20Plan_consultation%20paper.docx)
			2. [Draft Australian Radiofrequency Spectrum Plan 2021 (635.34 KB)](https://www.acma.gov.au/sites/default/files/2020-08/Draft%20Australian%20Radiofrequency%20Spectrum%20Plan%202021.docx)
		3. The issue - We are updating the Australian Radiofrequency Spectrum Plan. This will reflect changes to international regulations made at the World Radiocommunication Conference 2019. The Spectrum Plan:
			1. divides the spectrum into frequency bands and sets out their purposes
			2. provides a basis for management of the radiofrequency spectrum in Australia
			3. informs radiocommunication users about the services allocated to each frequency band
			4. informs users about the conditions attached to those allocations.
			5. We propose that the new Spectrum Plan be made before 1 January 2021. This will mean it can start from that date.
		4. Closing 29 September 2020
3. Chair presents slides 15 - 17, **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,** the Author will be on next week for approval.
		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.
		5. The .11 Ad hoc on these two submissions meet and will be meeting again 28 Sept.
		6. The .18 chair should check with the .11 ad hoc chair on what are the plans and timing to get through .18 and the EC to meet the WP 5A call on 09 Nov.
	3. **ITU published Radio Regulations (2020 edition), free to download!**
		1. <https://www.itu.int/en/myitu/Publications/2020/09/02/14/23/Radio-Regulations-2020>
4. Chair presents slides 18 & 19, **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. Title: U-NII 6 GHz devices operating in the 5.925-7.125 GHz band; Short Title: U-NII 6 GHz
			3. Addendum is out with 4 changes from the 14 Aug version.
			4. 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 past week or so. The groups will have to get together for each of these.
			2. The last response back to the Court is due tomorrow, 18Sep20. Then a timeline from the Court:
			3. Around 25Nov, a hearing for intervenors and petitioners to plead their case.
			4. Then 25Dec, is the FCC hearing to present their side.
			5. Then 25Jan21 a decision from First Circuit Court of appeals.
	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.**
		2. 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”.
		3. [https://www.wirelessinnovation.org/6ghz-multistakeholder-committee](https://urldefense.com/v3/__https%3A/www.wirelessinnovation.org/6ghz-multistakeholder-committee__;!!F7jv3iA!miq8gKDh5u9EeBEqnJQ0xEKNYPoCPGlGj45FX_qjQNRwSaW1Br7N6myjjcdbTNciew$)
		4. From original organization meeting:
			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.
		5. ***Some feedback from the call last Friday, the 11th of Sept.***
		6. Could not get to an approved agenda, so just moved on……..
		7. Utilities showed up with the letter they filed, it was agreed they could present with no responses, however.
		8. Delayed chair/leadership assignments for work streams for a few weeks, to 02Oct,
		9. 4th work stream discussed and defined, will be refined/confirmed at 09Oct next MSG meeting. (contentious based protocol)
		10. The goal is an MSG call every 6 weeks, though keep in mind the work streams have their own meetings.
		11. Much time was spent getting everyone learning the virtual tools, so not much time on the project.
5. Chair presents slides 20 & 21, **General discussion items**
	1. 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. <https://mentor.ieee.org/802.18/dcn/20/18-20-0128-00-0000-fcc-pn-emergency-access-to-wi-fi-aps-and-911-services.docx>
		4. (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;
		5. (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
		6. (3) other alternative means of providing the public with access to 9-1-1 services during times of emergency when mobile service is unavailable.
		7. Comments due 01October20.
		8. A point here is who is responsible if WiFi is used for 911 calls?
	2. **Petitions for Reconsideration of Action in Proceedings**
		1. **FR Document:** [2020-16883](https://urldefense.com/v3/__https%3A/www.federalregister.gov/documents/2020/09/14/2020-16883/petitions-for-reconsideration-of-action-in-proceedings?utm_campaign=subscription*mailing*list&utm_source=federalregister.gov&utm_medium=email__;Kys!!F7jv3iA!mhCw3ooxdT1twZS3B3F7Dxhvl4JfBVrkqJKU18kPg-_yJDv6L_9xW0pQdZjPo_go-w$) **Citation:** 85 FR 56549
		2. [PDF](https://urldefense.com/v3/__https%3A/www.govinfo.gov/content/pkg/FR-2020-09-14/pdf/2020-16883.pdf?utm_campaign=subscription*mailing*list&utm_source=federalregister.gov&utm_medium=email__;Kys!!F7jv3iA!mhCw3ooxdT1twZS3B3F7Dxhvl4JfBVrkqJKU18kPg-_yJDv6L_9xW0pQdZhbaruTgA$)Page 56549 *(1 page)* [Permalink](https://urldefense.com/v3/__https%3A/www.federalregister.gov/d/2020-16883?utm_campaign=subscription*mailing*list&utm_source=federalregister.gov&utm_medium=email__;Kys!!F7jv3iA!mhCw3ooxdT1twZS3B3F7Dxhvl4JfBVrkqJKU18kPg-_yJDv6L_9xW0pQdZiAWaWlFw$)
		3. *Subject:* Proposed Changes in the Commission's Rules Regarding Human Exposure to Radiofrequency Electromagnetic Fields; **Reassessment of Federal Communications Commission Radiofrequency Exposure Limits and Policies**; Targeted Changes to the Commission's Rules Regarding Human Exposure to Radiofrequency Electromagnetic Fields, FCC 19-126, published [85 FR 18131](https://www.federalregister.gov/citation/85-FR-18131), April 01, 2020 in ET Docket Nos. 03-137 (Terminated), 13-84 (Terminated), and 19-226. This document is being published pursuant to [47 CFR 1.429](https://www.federalregister.gov/select-citation/2020/09/14/47-CFR-1.429)(e). *See also* [47 CFR 1.4](https://www.federalregister.gov/select-citation/2020/09/14/47-CFR-1.4)(b)(1) and 1.429(f), (g).
6. Chair presents slide 22, 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 23 Any Other Business
	1. none heard
2. Chair presents slide 24, Adjourn
	1. **Next weekly teleconference (scheduled to 07Jan21): 24 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 15:47et
	4. **The next face to face meeting is tbd.**
	5. **The next plenary will be electronic from 30Oct20 to 13Nov20.**
	6. **Thank You**

**Voters:**

**Auluck** Vijay Self

**Boldy** David Broadcom Corporation

**de Vegt** Rolf Qualcomm Incorporated

**Ecclesine** Peter Cisco Systems, Inc.

**Harrington** Timothy Pro‐ID Consulting

**Holcomb** Jay Itron Inc.

**Jeffries** Timothy FutureWei Technologies, Inc.

**Jones** Vincent Knowles IV Qualcomm Incorporated

**Kain** Carl USDOT

**Kenney** John TOYOTA InfoTechnology Center U.S.A.

**Kerry** Stuart OK‐Brit, Self

**Levy** Joseph InterDigital

**Lynch** Michael MJ Lynch & Associates, LLC.

**Nikolich** Paul Self, HPE, Huawei, Itron, octoScope, Wyebot, UNH BCoE, YAS BBV, Origin Wireless

**Rolfe** Benjamin Blind Creek Associates

**Wang** Lei Huawei R&D USA

**Non-voters:**

**Madhavan** Narendar Ericsson

**Pirhonen** Riku NXP Semiconductors

**Schiessl** Sebastian u‐blox

**Yee** James MediaTek

**Yucek** Tevfik Qualcomm