IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 24Sep20 |
| 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, 24Sep20

Chair calls the meeting to order at 15:03 ET.

1. Chair presents slides 2 – 6 of 802.18-20/0129r01, 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. ITU-R WP 1A contribution approval
		5. FCC R&O and more on 6 GHz
		6. 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 - 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 10 September 2020 in document <https://mentor.ieee.org/802.18/dcn/20/18-20-0127-00-0000-minutes-17sep20-rrtag-teleconference.docx> 18-Sep-2020 13:39:43 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. **Administrative moving forward**
		1. 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.
			6. The Chair of 802 will be available for discussion with any member of 802.
				1. When Thu Nov 12, 2020 6am – 7am (PST)
				2. Where <https://ieeesa.webex.com/ieeesa/j.php?MTID=m6884083063467a5e1ae3d6ecdba7a3d3>
		2. For **January** **2021** Wireless Interim (Irvine) the Wireless Chairs will be meeting 30 Sept to discuss plans for then.
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. 24Sep: Bran #107 has started. New doc 28r1 from France for protection of a new radar, in the 5.8GHz band. This point has been added into draft of a TR 103xxx document. More discussion next week on this.
		2. Much on the comments from the public consultation and with that.
		3. France and Germany are in agreement on several items, others tend to follow then.
		4. **Key point: Everyone needs to watch carefully all of the EU groups, ECC, WGFM, etc. Many decisions and final documents being done.**
	2. **CEPT – ECC** [**<SE45>**](https://cept.org/ecc/groups/ecc/wg-se/se-45/client/introduction/) **next call: #12, 21-23Sep20**
		1. 24Sep: Met and accomplished all agenda items. Administrations brought in compromise positions. Decisions were made and are out there on the SE45 website.
		2. **OOBE has had some trimming,** and all need to look at this as discussions continue into next week. Some concerns on this path.
		3. **All paths are heading to be done before RSC (EC votes included) 10Dec20, and the final decisions. This is to make the standards in the OJEU in February2021.**
	3. **CEPT – ECC** [**<FM57>**](https://cept.org/ecc/groups/ecc/wg-fm/fm-57/client/introduction/) **next call, meeting #12, 05-07Oct20**
		1. **See other groups, all items seem to be inter-related with most all groups.**
2. Chair presents slides 12, **Other regions (outside EU and USA), items to share**
	1. Australia ACMA has proposed update to the Class Licence can be found [here](https://www.acma.gov.au/consultations/2020-09/new-arrangements-low-interference-potential-devices-consultation-282020). ACMA invites any comments or suggestions to the draft regulation before its implementation.
	2. <https://www.acma.gov.au/consultations/2020-09/new-arrangements-low-interference-potential-devices-consultation-282020>
	3. <https://mentor.ieee.org/802.18/dcn/20/18-20-0131-00-0000-acma-consultation-variation-to-the-low-interference-potential-devices-class-licence.docx>
	4. <https://mentor.ieee.org/802.18/dcn/20/18-20-0132-00-0000-acma-draft-radiocommunications-low-interference-potential-devices-class-licence-variation-notice-2020-no-1.docx>
	5. The public consultation is open until 26th October 2020.
	6. We are introducing new arrangements to support , the Internet of Things (IoT) and other new technologies.
	7. We want to include these in the Radiocommunications (Low Interference Potential Devices) Class Licence 2015 (LIPD Class Licence). The updates relate to:
	8. wireless broadband in the 24.25–25.10 GHz band
	9. **IoT devices in the 928–935 MHz band and VHF high bands**
	10. radiodetermination devices in the 10.50–10.55 GHz band.
	11. We have included other minor updates for consideration.
	12. We also invite suggestions on devices and technologies for future updates to the transmitters authorised under the LIPD Class Licence.
	13. Will leave on agenda one more week, if any interest.
	14. General point: The UAE consultation, (UWB and SRD) we reviewed a few weeks back did extend the deadline to 01Oct, we still do not have time to file anything.

1. Chair presents slides 13 - 15, **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: E-Meeting***
		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 today 24Sep20.
		4. Deadline for contributions to WP 1A: Tuesday, 17 November 2020 at 1600 hours UTC
		5. We reviewed r02 and needed to make one tweak, near the bottom change the TAG THZ to THz Standing Committee, just changed last week. This makes rev03.
			1. After the meeting the chair will send r03 to EC for approval with the markup (this request was from EC for the change), then will clean up after approval when removing draft, header/footers, etc.
	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 01Oct20**.
		5. Deadline for contributions to WP 5A: Monday, 02 November 2020 at 1600 hours UTC
		6. The .11 Ad hoc needed another meeting, 28Sep20 on these two submissions.
		7. .Maybe to close for consent agenda, back up is a vote in the EC call, or 10-day LMSC/EC ballot.
	3. Motion: Move to approve document <https://mentor.ieee.org/802.18/dcn/20/18-20-0052-03-0000-itu-r-sm-2352-ieee802-thz-input-to-wp1a.docx> on ITU-R SM.2352 report on THz communications updates. For review and approval by the LMSC(EC) for submission to ITU-R WP 1A via ITU-R Liaison before 2 weeks before ITU-R WP 1A next meeting . The Chair of 802.18 is authorized to make editorial changes as necessary.
		1. Moved by: Thomas Kürner (TU Braunschweig)
		2. Seconded by: Ben Rolfe (BlindCreek Assoc.)
		3. Discussion? none
		4. Vote: \_13\_Y / \_0\_N / \_0\_A
			1. Voters: 13 (see below)
		5. Motion - Passes
		6. \_16\_ on the call
2. Chair presents slides 16 & 17, **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>
		2. **Petitions for review/reconsideration 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 last one due 18Sep20. Sched:
			2. Around 25oct, a hearing for intervenors and petitioners to plead their case.
			3. Then 25nov, is the FCC hearing to present their side.
			4. Then 25dec a decision from First Circuit Court of appeals.
			5. Need to watch for a possible output from the court tomorrow 25Sep20, they may just dismiss this action.
	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 Friday, the 11th of Sept.***
		6. Could not get to an approved agenda, so just moved on……..
		7. Utilities showed up with a letter, it was agreed they could present with no responses.
		8. Delayed chair/leadership assignments for work streams for a few weeks, nomination due 02Oct.
		9. 4th work stream discussed and defined, will be refined/confirmed 09Oct20.
		10. The goal is an MSG call every 6 weeks; work streams have their own meetings.
	6. **Next MSG meeting – 09Oct20**
	7. Nominations for leaderships are coming in.
3. Chair presents slides 18, **General discussion items**
	1. **A member found the FCC Public Notice on 911/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?
		9. **Wi-Fi industry may ask for a safe harbor on non-telecommunications access points. (individuals, schools, hospitals, libraries, …..**
4. Chair presents slide 19, Actions required
* Chair to get WP 1A contribution on THz to LMSC/EC 06Oct20 consent agenda.
* The WP 5A updates on .11 submissions (goal for 01Oct for .18 to review)
* Find and ID WRC-19 AIs carried over to WRC-23 we have interest in.
1. Chair presents slide 20 Any Other Business
	1. none heard
2. Chair presents slide 21, Adjourn
	1. **Next weekly teleconference (scheduled to 07Jan21): 01 Oct 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 15:48et
	4. **The next face to face meeting is tbd.**
	5. **The next 802 plenary will be electronic from 30Oct20 to 13Nov20.**
	6. **Thank You**

**Voters:**

**Auluck** Vijay Self

**Ecclesine** Peter Cisco Systems, Inc.

**Fang** Yonggang ZTE TX Inc

**Harrington** Timothy UWB Alliance

**Holcomb** Jay Itron Inc.

**Jones** Vincent Knowles IV Qualcomm Incorporated

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

**Kerry** Stuart OK‐Brit, Self

**Kuerner** Thomas TU Braunschweig

**Levy** Joseph InterDigital

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

**Rolfe** Benjamin Blind Creek Associates

**Yaghoobi** Hassan Intel Corporation

**Non Voting Attendees**

**Pirhonen** Riku NXP Semicondustors

**Schiessl** Sebastian u‐blox

**Yucek** Tevfik Qualcomm