IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 30 Jul 20 |
| 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, 30 Jul 20

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

1. Chair presents slides 2 – 6 of 802.18-20/0111r01, the call to order and administrative items
	1. Includes IEEE 802 meeting and participant’s guidelines and requirements.
2. Chair presents slides 7, of 802.18-20/0111r01, 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
		1. Latest on moving forward
	4. Discussion items
		1. EU Items
		2. ITU-R Items
		3. FCC R&O and FNPRM on 6 GHz
		4. General Discussion Items
	5. Actions required
		1. 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: Vijay Auluck (self)

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

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 09 July 2020 in document https://mentor.ieee.org/802.18/dcn/20/18-20-0101-00-0000-minutes-09jul20-rrtag-teleconference.docx 10-Jul-2020 20:33:42 ET, with editorial privilege for the 802.18 chair.

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

Seconded by: Ben Rolfe (Blind Creek)

Discussion? None

Vote: Approved by unanimous consent

* 1. **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. Per 802 Op Manual section 5, we can have electronic meetings in between Plenaries, but such meetings do not count for participation credit.
			2. At this time 802.18 will just have our normal weekly Thursday calls, like we have been doing, stay tuned.
			3. Note: To have an interim is up to the WG or TAG. With that other groups may have a virtual interim, 802.15 will not have a formal interim. 802.11 will have an interim meeting, including officer elections for the task groups and other positions.
			4. And 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 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
			4. 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 - ERM -** [**<TG-11>**](https://portal.etsi.org/tb.aspx?tbid=442&SubTB=442) **next call, SRDoc #12 - 30Jul20**
		1. Meeting #12 was this morning and the 802.11 liaison was not there yet, it is on the way.
		2. Discussing 2.4GHz band, what are the rules and technologies today for the SR-Doc,
		3. 802.15.4-2020 is not mentioned, since it was just approved. There are other items from 802.15 that should be reviewed. Will send to 802.15 chair about this SR-Doc.
		4. SR-Doc latest draft will be out in the next few days.
		5. Next meeting is early Sept. So need input 2 weeks before, late August. (24th).
		6. The doc: DTR/ERM-590 (TR 103 665)
	2. **CEPT – ECC** [**<FM57>**](https://cept.org/ecc/groups/ecc/wg-fm/fm-57/client/introduction/) **next call, meeting #11, 08-10Jul20; (#12-05-07Oct20)**
		1. No meetings scheduled before Oct 5 which is mainly for 6 GHz Public Consultation comment resolution
		2. Document TEMP001 is out there, draft minutes for meeting #11, inputs requested by 03Aug.
		3. Document TEMP002, complaints from the Wx community, continued concern on interference
		4. Document TEMPT003, WI \_03 national use of 5.8GHz for discussion at meeting #12.
2. Chair presents slides 12 & 13, **ITU-R items to share**
	1. From the plenary; We have not returned to reviewing the WRC-23 agenda items that a member did a nice job with summarizing them at the end of [<18-19-0152>](https://mentor.ieee.org/802.18/dcn/19/18-19-0152-00-0000-summary-of-the-decisions-of-selected-agenda-items-in-wrc-19.pptx).
		1. The list is on the IUT-R website at:
			1. <https://www.itu.int/en/ITU-R/study-groups/rcpm/Pages/wrc-23-studies.aspx>
				1. There are updated documents recently, over the past week or so.
			2. <https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A00000D0041PDFE.pdf>
		2. On Mentor:
			1. <https://mentor.ieee.org/802.18/dcn/20/18-20-0107-00-0000-res-811-wrc-19-wrc-23-agenda-items.docx>
		3. With Mentor Doc. 18-20/0107, we should be able to use it as an initial list of agenda items that .18 can work through to identify AIs we may have an interest in to form some viewpoints.
		4. We will start to run down the list of Agenda items and do a first level does IEEE 802 pass on a viewpoint or should we dig in more and create a viewpoint.
		5. 1st ATU Preparatory Meeting for the 2023 World Radiocommunication Conference (WRC-23) and the associated 2023 Radiocommunication Assembly (RA-23). The meeting will take place online from 3 to 7 August 2020 from 13H00 to 16H00 East African Time
			1. <https://atu-uat.org/3-7-august-2020/>
		6. 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
		7. Our IEEE 802 input contributions on M-1450 and M-1801 to ITU-R WP 5A ) were discussed at last week’s meeting and they will be carried over to November meeting.
			1. There were questions raised from several countries about the extension of the 6 GHz band.
			2. During discussions, two offline email groups were setup, the 802.11 Chair is chair of both of those. China, Russia and Iran objected to extension into 6 GHz
			3. The contributions were not adopted as a baseline for other studies. Questions were asked about Table 3 from WRC-19 separate from RLANs in 6 GHz. A member says good idea to make recommendations on WRC-19 into Table 3 to move the discussion forward.
			4. The 802.11 ITU ad hoc will continue to work on whatever is requested. It was noted we need ETSI inputs as well to Table 3.
			5. Will discuss more at RR-TAG calls coming up, plan for the WP 5A November call.
3. Chair presents slides 14 -15, **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>
		2. The FCC Lab is working on KDB, with report in effect now. Base line LPI mode and clients.
	4. APCO, AT&T and EEI have filed for a Stay, see 18-295 proceeding link above for more.
		1. Now it is 6 filings and they will go to First Circuit Court of appeals.
	5. Many filings the past week, with reply comments and all.
	6. Petitions for review have been filed. New deadline is 27 August 2020.
	7. Several new analysis have been sent to FCC and they are reviewing.
		1. The studies will take some effort
	8. 6 GHz is penciled into the November 2020 open commission meeting, 5.9 GHz is in the October open meeting.
	9. **FCC R&O 6 GHz – MSG**
		1. There is One - Multi-stake holder group (MSG) getting together 31 July 20 to discuss 6 GHz and what happens in the band.
		2. Focus is on formation of the group at this first call with a steering group,
		3. FCC will be in attendance.
		4. The is just a start of many meetings and calls and activities.
		5. WInn Forum and WFA are the initial organizations.
		6. Around 20 other organization and members of other organizations are coming on board and participating in this launch on the 31st (1300-1700 et)
		7. Working out how to approach this with rules and proper procedures with all the different organizations.
		8. Stakes are getting higher……
		9. **RR-TAG call on 06Aug20 will have more of MSG status.**
		10. 127 registered as of last Monday.
		11. Target of next meeting with more technical detail is early sept.
4. Chair presents slides 16, General discussion items
	1. Note: the LMSC/EC did approve the FCC NPRM 70/80/90 GHz comments with one edit. The .18 chair has the final pdf ready for the 802 chair to approve to upload next Monday. (Deadline is Wednesday).
5. Chair presents slide 16, Actions required
	* **Note to .15 on TG11 SR-Doc on 2.4GHz and there are 802.15 references that may need to be reviewed.**
6. Chair presents slide18 Any Other Business
	1. None Heard
7. Chair presents slide 18, Adjourn
	1. **Next weekly teleconference (scheduled to 07Jan21): 06 Aug 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 16:00et
	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.

Kain Carl Noblis, Inc.

Kerry Stuart OK‐Brit, Self

Levy Joseph InterDigital

Lynch Michael MJ Lynch & Associates, LLC.

Rolfe Benjamin Blind Creek Associates

Sand Stephan German Aerospace Center (DLR)

Stanley Dorothy Hewlett Packard Enterprise

Yaghoobi Hassan Intel Corporation

Non-Voters:

Hamilton Mark Ruckus/CommScope

Schiessl Sebastian u‐blox

Ward Lisa Rohde & Schwarz

Yucek Tevfik Qualcomm