IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes |
| Date: 13Aug20 |
| Name | Affiliation | Address | Phone | Email |
|  |  |  |  |  |
| Author and 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, 13Aug20

Chair calls the meeting to order at 15:16 ET.

 \*\* Apologies from the chair for those that had wait for the chair to reboot after no keyboard, mouse or input control whatsoever.

1. Chair presents slides 2 – 6 of 802.18-20/0118r01, 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
		1. Latest on moving forward
	4. Discussion items
		1. EU Items
		2. Other regions Items
		3. ITU-R Items
		4. FCC R&O and FNPRM on 6 GHz
		5. 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: Stuart Kerry (self/OK-Brit)

Seconded by: Hassan Yaghoobi (Intel))

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 06 August 2020 in document <https://mentor.ieee.org/802.18/dcn/20/18-20-0114-00-0000-minutes-06aug20-rrtag-teleconference.docx> 07-Aug-2020 20:18:33 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 – 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)
			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, depending on coordinating with other WG/TAGs, such as 802.19, 802.24, etc.
			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 –** [**<BRAN>**](https://portal.etsi.org/tb.aspx?tbid=287&SubTB=287) **next call, meeting #107, 24Sep-02Oct20**
		1. Several members discussing framed based equipment and short control signals.
		2. Chair asking for a call EN 301-893 & DFS for > 5725MHz, discussion is to move to another standard.
	2. **ETSI - ERM -** [**<TG-11>**](https://portal.etsi.org/tb.aspx?tbid=442&SubTB=442) **next calls, SRDoc #13 – 26Aug20, #14-09sep20**
		1. Have sent info to 802.15 about the request for input on the 2.4GHz SRDoc. Rev 025 is latest.
		2. In the .11 document protected area are BRAN and TG11 docs, mirrored often, though ERM documents are not mirrored with the SRDoc is. IEEE 802.11 should ask Chair of ERM to have ERM drafts also in the .11 protected area. Remember only .11 folks have access.
		3. The .11 co-ex chair knows all the steps for an ETSI contribution.
		4. The doc on the ERM site: DTR/**ERM-590 (TR 103 665)**
	3. **CEPT – ECC** [**<FM57>**](https://cept.org/ecc/groups/ecc/wg-fm/fm-57/client/introduction/) **next call, meeting #12-05-07Oct20**
		1. nothing to share today.
2. Chair presents slide 12, **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>
			1. Do we want to review and possibly comment, the deadline will allow?
		4. 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?
				1. See section 8.9 on some details.
				2. And see section 11.20 on questions on this.
			3. Much in the consultation is on IMT to work around.
			4. Chair will send a note to the list servers (3), looking for inputs for a possible contribution.
			5. Could look at the ACMA comments from last year, e.g. extend the 66-71GHz band, as a starting point.
	2. **Mexico has a consultation on 2.4GHz, due 04sept. (it is in Spanish)**
		1. <http>[://www.ift.org.mx/industria/consultas-publicas/revision-de-los-parametros-tecnicos-y-de-operacion-de-la-banda-de-frecuencias-24-ghz-clasificada](http://www.ift.org.mx/industria/consultas-publicas/revision-de-los-parametros-tecnicos-y-de-operacion-de-la-banda-de-frecuencias-24-ghz-clasificada)
3. Chair presents slides 13, **ITU-R items to share**
	1. Nothing new today (did fill in some WRC-23 Agenda Items)
	2. WRC-23 agenda items, the list is on the ITU-R website at:
		1. <https://www.itu.int/en/ITU-R/study-groups/rcpm/Pages/wrc-23-studies.aspx>
		2. <https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A00000D0041PDFE.pdf>
		3. On Mentor:
		4. <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 will over time identify the Agenda Items of interest to IEEE 802, to form some viewpoints.
	4. **Note: will fill in at end of calls with working through the list.**
	5. 13Aug: At the end of the call we spent a few minutes and got further down the list of WRC-23 Agenda Items. Most were something to do with satellites and will pass for now.
	6. A member brought up that some WRC-19 items are being carried over to WRC-23, we should review those also.
4. 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.
			1. As of this morning (13Aug20), an Order denying petitions for stay (EEI and APCO) came out.
			2. <https://ecfsapi.fcc.gov/file/08131010723470/DA-20-879A1.pdf>
			3. At the end of the order it also dismisses many other pleading filings.
		2. **Now it is 8 filings Petitions for review/reconsideration, and they are in the First Circuit Court of appeals. Deadline to join this is 27 August 20.**
	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.
			2. Around 20 other organization and members of other organizations came together at the launch on the 31st (1300-1700 et) (127 were registered a week before call).
		2. Some feedback from the call:
			1. Plan to make a plan as expected.
			2. Worked on scope which had a notable discussion, rules to move forward, etc.
			3. There were new users and incumbents to the band present.
			4. AFC brought out some discussion.
			5. Seemed to have missed some of the point of how all can use the band together.
			6. Minutes are not out yet,
				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.
		3. **The next meeting, 11Sep20, will be technical detail, the first real meeting**
		4. Registered folks on the MSG website, can now see minutes and slides.
		5. The MSG is open to anyone that wants to join in, you do have to register.
		6. <https://groups.wirelessinnovation.org/wg/6MSG/dashboard>
5. Chair presents slides 16, **General discussion items**
	1. none
6. Chair presents slide 17, Actions required
* **802.15 request from ETSI ERM TG11 for inputs to 2.4GHz SRDoc.**
* **All - Saudi Arabia consultation, inputs on points to comment on.**
	+ **Chair to send fyi to the 3 WGs**
* **Find and ID WRC-19 AIs carried over to WRC-23 we have interest in.**
1. Chair presents slide18 Any Other Business
	1. none heard
2. Chair presents slide 19, Adjourn
	1. **Next weekly teleconference (scheduled to 07Jan21): 20 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. ***Note: there will likely not be a teleconference on 27Aug20..***
	4. Adjourn:
		1. Any objection to Adjourn.
		2. None heard, Adjourn at 15:52et
	5. **The next face to face meeting is tbd.**
	6. **The next plenary will be electronic from 30Oct20 to 13Nov20.**
	7. **Thank You**

Voters:

Au Edward Huawei

Ecclesine Peter Cisco Systems, Inc.

Harrington Timothy Pro‐ID Consulting

Holcomb Jay Itron Inc.

Kain Carl Noblis, Inc.

Kenney John TOYOTA InfoTechnology Center U.S.A.

Kerry Stuart OK‐Brit, Self

Levy Joseph InterDigital

Lynch Michael MJ Lynch & Associates, LLC.

Rolfe Benjamin Blind Creek Associates

Yaghoobi Hassan Intel Corporation

Non-Voters:

Hamilton Mark Ruckus/CommScope

Madhavan Narendar Ericsson

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

Ward Lisa Rohde & Schwarz