IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 29Oct20 | | | | |
| 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, 29Oct20

Chair calls the meeting to order at 15:04 ET.

1. Chair presents slides 2 – 6 of 802.18-20/0145r01, 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 & monitor 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 6 GHz
      5. General Discussion Items
   5. Actions required
      1. Proceed with ITU-R submissions.
      2. APG contribution input
      3. 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 (OK-Brit/Self)

Seconded by: Mike Lynch (MJLynch Assoc.)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 22 October 2020 in document <https://mentor.ieee.org/802.18/dcn/20/18-20-0142-00-0000-minutes-22oct20-rrtag-teleconference.docx> 23-Oct-2020 09:43:54 ET, with editorial privilege for the 802.18 chair.

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

Seconded by: Vijay Auluck (Self)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Administrative moving forward – no changes**
     1. For **November 2020** Plenary (Bangkok), the LMSC 07Jul20 call approved to cancel the venue. Then has approved electronic from **30Oct20 to 13Nov20.** 
        1. This will allow 802.18 to have our 2 Thursday meetings, like the July Plenary.
        2. **For .18 we will meet 1hr the 1st week(1500-1600et), 05Nov20.**
        3. **And 2hr the 2nd week(1500-1700et), 12Nov20**
        4. **The 1hr/2hr days have been flipped from earlier discussions. Call-in in backup slides**
        5. As RR-TAG has done in plenaries, it will take attending both calls for attendance credit.
        6. **IMAT is setup and will be used for voting membership attendance credit.**
        7. **Note:** be sure your affiliation(s) is up to date, e.g. in my Project and when you sign in.
        8. For **January** **2021** Wireless Interim (Irvine) the Wireless Chairs met 30Sep20 and have cancelled the face-to-face meeting in Irvine, CA. This leaves open for the WGs to decide on their own if they do an electronic Interim or not.
        9. For **March 2021** there was a presentation from F2F on the EC 06Oct20 EC call of what all the Hyatt Denver is doing (w/450 guess on attendees) and from a SME on the international hotel industry. At this time the EC will take it up again in their Dec 2020 call, though could wait till Jan21 call, which seemed to be the lean.
           1. EC discussing sending out a poll/survey, but timing will be critical with things changing daily yet.
        10. For **May 2021** at the Hilton in Panama City, Panama, the straw poll was to continue with the contract with clear cancellation policies. With that, the IEEE has new language on cancellation policies, considering the pandemic, so it is much clearer.

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 #108, 7-11Dec20**
      1. nothing to share today
   * **All paths are heading to be done before RSC (EC votes included) 10Dec20, with final decisions. This is to make standards in the OJEU in April 2021.**
   1. **CEPT – ECC** [**<WGFM>**](https://cept.org/ecc/groups/ecc/wg-fm/client/introduction/) **next meeting #98, 8-12Feb21**
      1. WGFM sent LS to ETSI to fill the specifics of 6 GHz rules in draft Harmonized Standard.
         1. E.g. better definition of Narrow Band use, as previous reports there was very little there
      2. For 5350 – 5470 MHz, radars are starting to move in there, so must being getting cleared out from prior users
      3. Also sent decision to ECC for their Nov. meeting, then it would go to RSC 10Dec20.
2. Chair presents slides 12, **Other regions (outside EU-Stds and USA), items to share**
   1. nothing to share today
3. Chair presents slide 13 **ITU-R items to share**
   1. For [WP 5D](https://www.itu.int/en/ITU-R/study-groups/rsg5/rwp5d/Pages/default.aspx) next call: [Monday 2020-10-05 - Friday 2020-10-16](https://www.itu.int/events/eventdetails.asp?eventid=17587)
      1. 6 GHz is part of this, WRC-23 AI 1.2. And sharing studies due June 2021
      2. Update in next week or two.
   2. **APG** –WRC-23 prep. Any feedback on 6GHz and 7GHz, 7025-7125MHz changes?
      1. **Contributions are welcomed** and next meeting in April 2021.
      2. IEEE 802 should consider a contribution to APG.
         1. We have some time though could get away from us.
      3. All – consider and pass along some basic text for the start of a contribution to APG for their WRC-23 prep on the 6GHz band from our viewpoint to be considered.
4. Chair presents slide 14, **FCC 6 GHz**
   1. **Any news on 1st circuit court of appeals?** 
      1. As reported, they denied motions to the stay and denied motions to expedite, so now there is basically no more clock to get to done. So now this extends to get it finished to months +.
   2. **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:/www.wirelessinnovation.org/6ghz-multistakeholder-committee__;!!F7jv3iA!miq8gKDh5u9EeBEqnJQ0xEKNYPoCPGlGj45FX_qjQNRwSaW1Br7N6myjjcdbTNciew$)
      4. Work Streams:
      5. Work stream 1 - interference protection and resolution (CableLabs, EPRI, Lake Cty, APCO)
      6. Work stream 2 - correct incumbent data (ULS) (Commsearch, APCO)
      7. Work stream 3 - AFC and how it provides protection, etc. (Charter, Google, UTC)
      8. **Next MSG meeting – 30Oct20 🡸** tomorrow
         1. Overall Co-chairs: NPSTC(APCO), UTC, WFA, WISPA
         2. 4th work stream will be reviewed by the co-chairs
         4. Note1: Work stream 1 and 3 have meeting scheduled now.
         5. Note2: Work steam 5 on Field/Outdoor Testing is being discussed.
5. Chair presents slides 15, **General discussion items - fyi**
   1. **FCC NPRM on 5.9GHz ex parte has been approved by the LMCS(EC) and if not uploaded already will be quick.**
      1. **Note the draft R&O did come out yesterday (28Oct20) as predicted.**
      2. **Proceeding:** [**https://www.fcc.gov/ecfs/search/filings?proceedings\_name=19-138&sort=date\_disseminated,DESC**](https://www.fcc.gov/ecfs/search/filings?proceedings_name=19-138&sort=date_disseminated,DESC)
      3. **November Agenda Item:** 
         1. [**https://www.fcc.gov/document/modernizing-59-ghz-band-wi-fi-and-automotive-safety**](https://www.fcc.gov/document/modernizing-59-ghz-band-wi-fi-and-automotive-safety)
      4. **The Draft R&O and FNPRM (117 pages):** 
         1. [**https://mentor.ieee.org/802.18/dcn/20/18-20-0144-00-0000-fcc-r-o-draft-revisiting-use-of-the-5-850-5-925-ghz-band.docx**](https://mentor.ieee.org/802.18/dcn/20/18-20-0144-00-0000-fcc-r-o-draft-revisiting-use-of-the-5-850-5-925-ghz-band.docx)
      5. **Points for discussion include, seemed more questions than answers in the end.** 
         1. **Also, C-V2X brought out notably, but not till the end it was defined as rel 14 / 4G.**
         2. **Other points, Paragraph 38 reallocation of the 45MHz, indoor use of unlicensed and client to client operation.**
         3. **It was also mentioned how radiolocation systems should be protected. Class 2 permissive change if software upgrade works.**
         4. **Chair asks for pointers to topics for FNPRM to be provided now.** 
            1. **FNPRM Comment period likely will be 30 days from when the R&O appears in the FR. Effective comment period probably is January.**
      6. **So, we need to review further the next week or two and does IEEE 802 want to do comments on that part depending on the pointer raised?**
   2. FCC - Notice Termination of Dormant Proceedings FR Document: [2020-23680](https://urldefense.com/v3/__https:/www.federalregister.gov/documents/2020/10/27/2020-23680/termination-of-dormant-proceedings?utm_medium=email&utm_campaign=subscription*mailing*list&utm_source=federalregister.gov__;Kys!!F7jv3iA!jNP9DqnQMVqfyGy4SA3ebmcxNv5j_oXYQb1WXuEzuYin7nAjotTFSsEeG7TF1aZxvQ$) Citation: 85 FR 68067 [PDF](https://urldefense.com/v3/__https:/www.govinfo.gov/content/pkg/FR-2020-10-27/pdf/2020-23680.pdf?utm_campaign=subscription*mailing*list&utm_source=federalregister.gov&utm_medium=email__;Kys!!F7jv3iA!jNP9DqnQMVqfyGy4SA3ebmcxNv5j_oXYQb1WXuEzuYin7nAjotTFSsEeG7QipQ8ppw$) Page 68067 *(1 page)* [Permalink](https://urldefense.com/v3/__https:/www.federalregister.gov/d/2020-23680?utm_medium=email&utm_campaign=subscription*mailing*list&utm_source=federalregister.gov__;Kys!!F7jv3iA!jNP9DqnQMVqfyGy4SA3ebmcxNv5j_oXYQb1WXuEzuYin7nAjotTFSsEeG7TO3oQGLQ$)
      1. Abstract: In this document, the Consumer and Governmental Affairs Bureau announces the availability of the FCC order terminating, as dormant, certain docketed Commission proceedings. (~655 dockets on the list)
6. Chair presents slide 16, Actions required

* Chair – finalize 3 ITU-R contributions and be sure ITU-R liaison has them.

⌧ Chair – upload FCC 5.8GHz ex parte if approved and not done yet.

* All – what are points and topics for possible FCC FNPRM on 5.9GHz
* **All – consider and pass along some basic text for the start of a contribution to APG for their WRC-23 prep on the 6GHz band from our viewpoint to be considered.**

1. Chair presents slide 17 Any Other Business
   1. For WRC-23 and did any AIs come over from previous WRCs, a member did find (thanks) WRC-19, did close out:
      1. AI 1.16 (to consider issues related to wireless access systems, including radio local area networks (WAS/RLAN), in the frequency bands between 5 150 MHz and 5 925 MHz) and
      2. AI 9.1.5 (regulatory impacts on the services referred to in Nos. 5.447F and 5.450A that would result from referencing Recommendation ITU-R M.1638-1 in place of Recommendation ITU-R M.1638-0 in those footnotes. And impacts from adding new reference in ITU-R M.1849-1.)
   2. With that the list for WRC-23 AIs that is published and in should be good for IEEE 802 to review.
2. Chair presents slide 18, Adjourn
   1. **Next weekly teleconference (scheduled to 07Jan21): 19 Nov 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 15:41et
   4. **The next face to face meeting is tbd.**
   5. **The next IEEE 802 plenary will be electronic from 30Oct20 to 13Nov20.**
   6. **Thank You**

Voters:

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| --- | --- | --- |
| Auluck | Vijay | Self |
| Ecclesine | Peter | Cisco Systems, Inc. |
| Harrington | Timothy | UWB Alliance |
| Holcomb | Jay | Itron Inc. |
| Jeffries | Timothy | FutureWei Technologies, Inc. |
| Kain | Carl | USDoT |
| Kerry | Stuart | OK‐Brit, Self |
| Lepp | James | BlackBerry |
| Levy | Joseph | InterDigital |
| Lynch | Michael | MJ Lynch & Associates, LLC. |
| Rolfe | Benjamin | Blind Creek Associates |
| Yaghoobi | Hassan | Intel Corporation |
| Non Voting Attendees | |  |
| Madhavan | Narendar | Ericsson |
| Petrick | Al | InterDigital (Jones-Petrick and Associates, LLC.) |
| Pirhonen | Riku | NXP Semicondustors |
| Schiessl | Sebastian | u‐blox |
| Ward | Lisa | Rohde & Schwarz |
| Yucek | Tevfik | Qualcomm |