IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 22Oct20 | | | | |
| 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, 22Oct20

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

1. Chair presents slides 2 – 6 of 802.18-20/0141r01, 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. FCC 5.9 GHz R&O coming
      2. EU Items
      3. Other Regions Items
      4. ITU-R Items
      5. FCC 6 GHz
      6. General Discussion Items
   5. Actions required
      1. Proceed with ITU-R submissions.
      2. FCC 5.9 GHz ex parte
      3. APG contribution input
      4. 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: Vijay Auluck (Self)

Discussion? None

Vote: Approved by unanimous consent

* 1. **Motion:** To approve the minutes from the IEEE 802.18 Teleconference 15 October 2020 in document <https://mentor.ieee.org/802.18/dcn/20/18-20-0140-00-0000-minutes-15oct20-rrtag-teleconference.docx> 16-Oct-2020 09:35:01 ET, with editorial privilege for the 802.18 chair.

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

Seconded by: Edward Au (Huawei)

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. 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.
        8. 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.
        9. 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.
     2. Chair mentioned the 802.15 acting chair had a death in the immediate family and we need to keep him and his family in our thoughts.

1. Chair presents slides 15 and 16, FCC 5.9 GHz R&O coming (out of slide order, though need to finalize today.)
   1. 5.9 GHz R&O will be coming and how DSRC will be referred to, e.g. our standard ‘p’ before and now to ‘bd’ once it is published, **were we clear on what we would like them to do?**
      1. Should we consider an ex parte now, it will be too late if we wait for when the draft R&O comes out.
      2. White copy/Draft is due 28Oct20.
      3. There was agreement with many on the call (15Oct20) on doing an ex parte, Sunset starts 11Nov20 which is the hard deadline
   2. Small group will get together on a possible ex parte on 5.9GHz / DSRC for input to FCC before the R&O Sunset start on 11 November.
   3. Possible dates for .18 and LMSC/EC approval
   4. EC Plenary opening call is 30Oct, could vote on ex parte. .18 should approve today.
   5. For a 10day email ballot would also have to start 30Oct, at the latest.
   6. However, after some discussion we should go ahead and try an early close again and not wait. Do what we can to upload by 28 Oct or as soon thereafter.
   7. **FCC NPRM – ex parte Revisiting-use-of-the-5850-5925-MHz-band**
      1. **Motion:** Approve ex parte comments in <https://mentor.ieee.org/802.18/dcn/20/18-20-0143-02-0000-fcc-ex-parte-on-how-to-cite-ieee-802-11-standards-in-5-9-ghz-band-rule.docx> ; to FCC NPRM (ET Docket No. 19-138) on Use of the 5.850-5.925 GHz Band. For review and approval by the LMSC (EC) for uploading to the FCC on or before 11Nov20. With the Chair of 802.18 authorized to make editorial changes, as necessary.

**Moved by: John Kenney (Toyota)**

**Seconded by: Ben Rolfe (BlindCreek Assoc.)**

**Discussion? none**

**Vote: \_14\_Y / \_0\_N / \_0\_A**

**Voters:** \_14\_\_\_

**Motion - Passes**

\_18\_ on the call

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 #97, 19-23Oct20, (#98, 8-12Feb21)**
      1. The draft ECC decision has been posted:
         1. No Country Determination Capability required.
         2. Created 5915-5935 MHz urban rail private spectrum across 27 member states.
   2. **CEPT – ECC** [**<FM57>**](https://cept.org/ecc/groups/ecc/wg-fm/fm-57/client/introduction/) **13, 18-21Jan21 (#14, 12-15Apr21)**
      1. nothing to share today
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. Will hear an update next week (29Oct)
   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**
         1. Overall Co-chairs: NPSTC(APCO), UTC, WFA, WISPA
         2. 4th work stream will be reviewed by the co-chairs
5. Chair presents slides 17, **General discussion items - fyi**
   1. **None today**
6. Chair presents slide 18, Actions required

* Chair – finalize 3 ITU-R contributions and be sure ITU-R liaison has them.
* Anything on 5.9 GHz ex parte: chair to start EC early close ballot.
* **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 19 Any Other Business
   1. None heard
2. Chair presents slide 20, Adjourn
   1. **Next weekly teleconference (scheduled to 07Jan21): 29 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 15:56et
   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:

|  |  |  |
| --- | --- | --- |
| Au | Edward | Huawei |
| Auluck | Vijay | Self |
| Ecclesine | Peter | Cisco Systems, Inc. |
| Harrington | Timothy | UWB Alliance |
| Holcomb | Jay | Itron Inc. |
| Jeffries | Timothy | FutureWei Technologies, Inc. |
| Kain | Carl | USDoT |
| Kenney | John | TOYOTA InfoTechnology Center U.S.A. |
| Kerry | Stuart | OK‐Brit, Self |
| 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 |
| Stanley | Dorothy | Hewlett Packard Enterprise |
| Yaghoobi | Hassan | Intel Corporation |
| Non Voting Attendees | |  |
| Madhavan | Narendar | Ericsson |
| Pirhonen | Riku | NXP Semicondustors |
| Schiessl | Sebastian | u‐blox |
| Yucek | Tevfik | Qualcomm |