IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: 15Oct20 | | | | |
| 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, 15Oct20

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

1. Chair presents slides 2 – 6 of 802.18-20/0139r01, 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. 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 08 October 2020 in document <https://mentor.ieee.org/802.18/dcn/20/18-20-0138-00-0000-minutes-08oct20-rrtag-teleconference.docx> 09-Oct-2020 09:56:05 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 -** 
     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.

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. A draft v0.1 for EN 303 753 60 GHz is already available in the .11 members portal. It
      2. started with BRAN(20)107029.
      3. Proposed process is out on how to update the draft, with updates as contributions ahead of time, and notices sent out when new contributions come in, etc.
      4. The key is no ‘editing’ on the screen, just review, adjust and then agree on contributions.
      5. A similar process being used for 5GHz (TBD if done in #108) and 6GHz (goal is ‘stable’ in #108) drafts.
      6. These processes have been updated in the past week and where BRAN will be going moving forward.
   2. **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 February2021.**
   3. **CEPT – ECC** [**<WGFM>**](https://cept.org/ecc/groups/ecc/wg-fm/client/introduction/) **next meeting #97, 19-23Oct20, (#98, 8-12Feb21)**
      1. At next week’s meeting they will take up and make decisions on 6GHz standard.
   4. **CEPT – ECC** [**<FM57>**](https://cept.org/ecc/groups/ecc/wg-fm/fm-57/client/introduction/) **#12, 05-08Oct20 🡸 last week (18-21Jan21 & 12-15Apr21)**
      1. Posting drafts into WGFM, FR and DE put in for no country capability, Sweden agreed.
      2. UK contribution offering OOBE limits, if no agreement on what came out of FM57.
      3. Next is WGFM meeting next week to work these.
2. Chair presents slides 12, **Other regions (outside EU-Stds and USA), items to share**
   1. **Germany’s BNetzA consultation: Spectrum compass 2020. Most is for cellular however 1 section is on WRC decision for upper part if 6 GHz band for cellular network.** 
      1. Replies due 21Oct (next week)
      2. <https://www.bundesnetzagentur.de/SharedDocs/Downloads/EN/Areas/Telecommunications/Companies/TelecomRegulation/FrequencyManagement/ElectronicCommunicationsServices/SpectrumCompass2020.pdf>
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
      2. Sharing studies due June 2021
      3. More next week as the call continues
   2. **APG** – meeting now.
   3. Any feedback on 6GHz and 7GHz, 7025-7125MHz changes?
      1. Technical discussions not finalized so far just setting up for working the AIs, leadership, etc.
      2. **Contributions are welcomed** and next meeting in April 2021.
      3. IEEE 802 should consider a contribution to APG. We have some time though could get away from us.
      4. All we need is a start on some text for a point or two then we can build on that.
      5. All – consider and pass along some basic text for the start of a contribution to APG on the 6GHz band and how it should be approached moving forward including WRC-23.
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$)
      4. Work Streams:
      5. Work stream 1 - interference protection and resolution (CableLabs, EPRI, Lake Cty, APCO)
      6. Work stream 2 - correct incumbent data (ULS) (Commsearch, APCO)
      7. Work stream 3 - AFC and how it provides protection, etc. (Charter, Google, UTC)
   3. **Next MSG meeting – 30Oct20**
      1. Overall Co-chairs: NPSTC(APCO), UTC, WFA, WISPA
      2. UWB presented request for 4th work stream, the co-chairs will review.
5. Chair presents slides 15, **General discussion items**
   1. **FCC New Address Location of Commission Headquarters**
   2. FR Document: [2020-19544](https://urldefense.com/v3/__https:/www.federalregister.gov/documents/2020/10/13/2020-19544/rule-modifications-reflecting-new-address-location-of-commission-headquarters?utm_campaign=subscription*mailing*list&utm_source=federalregister.gov&utm_medium=email__;Kys!!F7jv3iA!l4Dg3kx1RWyRRPEyLre8Y1E8e5_7i0AxNAX1Kk0RF2CK1evabq0Ku0jLtsVrCCv2Lw$); Citation: 85 FR 64404; [PDF](https://urldefense.com/v3/__https:/www.govinfo.gov/content/pkg/FR-2020-10-13/pdf/2020-19544.pdf?utm_medium=email&utm_campaign=subscription*mailing*list&utm_source=federalregister.gov__;Kys!!F7jv3iA!l4Dg3kx1RWyRRPEyLre8Y1E8e5_7i0AxNAX1Kk0RF2CK1evabq0Ku0jLtsVHRozQeA$) Pages 64404-64411 *(8 pages)* ; [Permalink](https://urldefense.com/v3/__https:/www.federalregister.gov/d/2020-19544?utm_medium=email&utm_campaign=subscription*mailing*list&utm_source=federalregister.gov__;Kys!!F7jv3iA!l4Dg3kx1RWyRRPEyLre8Y1E8e5_7i0AxNAX1Kk0RF2CK1evabq0Ku0jLtsV3KD5NNw$)
      1. Abstract: In this document, the Office of Managing Director of the Federal Communications Commission (Commission) adopts an Order that amends the Commission's rules to reflect the upcoming new address of the Commission's headquarters, 45 L Street NE, Washington, DC 20554. It also makes changes to clarify that certain documents are now available for inspection through the Commission's website, removes references to a Commission copy contractor, and performs minor formatting corrections.
   3. **FCC World Radiocommunication Conference Advisory Committee**
   4. FR Document: [2020-22538](https://urldefense.com/v3/__https:/www.federalregister.gov/documents/2020/10/13/2020-22538/second-meeting-of-the-world-radiocommunication-conference-advisory-committee?utm_campaign=subscription*mailing*list&utm_source=federalregister.gov&utm_medium=email__;Kys!!F7jv3iA!l4Dg3kx1RWyRRPEyLre8Y1E8e5_7i0AxNAX1Kk0RF2CK1evabq0Ku0jLtsWkjH-QZw$) ; Citation: 85 FR 64460 ; [PDF](https://urldefense.com/v3/__https:/www.govinfo.gov/content/pkg/FR-2020-10-13/pdf/2020-22538.pdf?utm_campaign=subscription*mailing*list&utm_source=federalregister.gov&utm_medium=email__;Kys!!F7jv3iA!l4Dg3kx1RWyRRPEyLre8Y1E8e5_7i0AxNAX1Kk0RF2CK1evabq0Ku0jLtsVDm7699Q$) Page 64460 (1 page) [Permalink](https://urldefense.com/v3/__https:/www.federalregister.gov/d/2020-22538?utm_campaign=subscription*mailing*list&utm_source=federalregister.gov&utm_medium=email__;Kys!!F7jv3iA!l4Dg3kx1RWyRRPEyLre8Y1E8e5_7i0AxNAX1Kk0RF2CK1evabq0Ku0jLtsV2zlaHWw$)
      1. Abstract: In accordance with the Federal Advisory Committee Act, this notice advises interested persons that the second meeting of the World Radiocommunication Conference Advisory Committee (WAC) will be held on October 20, 2020. Due to exceptional circumstances, the Advisory Committee meeting will be convened as a virtual meeting with remote participation only. This second meeting will consider status reports and recommendations from its Informal Working Groups (IWG) concerning preparation for the 2023 World Radiocommunication Conference (WRC-23.
6. Chair presents slide 16, Actions required

* Chair – finalize 3 ITU-R contributions and be sure ITU-R liaison has them.
* **All – consider and pass along some basic text for the start of a Contribution to APG on the 6GHz band and how it should be approached moving forward including WRC-23.**
* 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.
  1. Note the latest Economic outlook for October 2020 is now out, new links are below.
  2. General Info:
     1. Latest Cisco Annual Internet Report,
     2. <https://www.cisco.com/c/en/us/solutions/executive-perspectives/annual-internet-report/air-highlights.html>
     3. Latest World Economic Outlook**.** (October’s 2020, twice a year) [<click for oct2020 spreadsheet>](https://www.imf.org/~/media/Files/Publications/WEO/2020/October/English/data/WEOOctober-2020Ch2.ashx?la=en)
     4. <https://www.imf.org/en/Publications/WEO/Issues/2020/09/30/world-economic-outlook-october-2020>

1. Chair presents slide 17 Any Other Business
   1. S. Korea announce today their 6GHz rules, 1200MHz LPI and 500MHz VLP.
   2. 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. Annex D&E, D-published rules, E-global tables that can be referred to.
      4. There was agreement with many on the call, on doing an ex parte, Sunset starts 11Nov20 is the hard deadline
      5. 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. Latest dates:
      1. EC Plenary opening call is 30Oct, could vote on ex parte.
      2. For a 10day email ballot would also have to start 30Oct.
      3. So we have 2 weekly teleconferences to get to a .18 approved ex parte.
2. Chair presents slide 18, Adjourn
   1. **Next weekly teleconference (scheduled to 07Jan21): 22 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 15:58et
   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:

|  |  |  |
| --- | --- | --- |
| 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 |
| Levy | Joseph | InterDigital |
| 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 |
| Petrick | Al | InterDigital (Jones-Petrick and Associates, LLC.) |
| Pirhonen | Riku | NXP Semicondustors |
| Schiessl | Sebastian | u‐blox |
| Yucek | Tevfik | Qualcomm |