Minutes of 802.18 (RR-TAG) Meeting

(Berlin, Germany, in July, 2017)

IEEE 802.18

Radio Regulatory-TAG

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| Radio Regulatory Technical Advisory Group Minutes | | | | |
| Date: | | | | |
| Name | Affiliation | Address | Phone | email |
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| Officer presiding: | | | | |
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Abstract

Minutes of IEEE 802 RR-TAG Interim meeting in Berlin, Germany, in July, 2017

**Tuesday, July 11th, 2017, AM2**

1. The Chair, Rich Kennedy, called the meeting to order at 10:33 local.
   1. About 30 people in the room
2. The Chair used the agenda meeting plan document 18-17/0087r02.
   1. Chair reviews slide #2, proposed agenda.
      * Approve Daejeon minutes
      * Discussion items
        + Regulatory work in progress
        + Status of completed work
      * Actions required
        + TBD
      * Consideration on 60 GHz ITS systems
      * AOB and Adjourn
   2. Chair asked if any modification and additions for the agenda.
   3. Agenda approved by unanimous consent.
3. Chair reviewed Slide #3, Administrative Items
4. Chair reviewed slide #4, #5, meeting guidelines.
5. March 2017 meeting minute was approved by unanimous consent on slide #6.
   1. Document #: 18-17/0086r0
6. Chair went through slide #7 for discussion items.
   1. Americas updates
      1. New Commissioners nominated
      2. New NTIA head nominated
      3. Canada consultation
   2. **EMEA updates**
      1. RED transition issue resolved (at the eleventh hour)
      2. 6 GHz Band opening study in process
   3. **APAC updates**
      1. Singapore consultation
      2. India (TRAI) consultations
      3. Australia consultation (with 5600-5650 MHz item)
   4. **Considerations on 60 GHz ITS systems (Thursday AM1)**
7. Chair went through slide 8, on Americas update
   * 1. FCC re-staffing
        + Has been operating with minimum staff since January (3 Commissioners)
        + Newly nominated, needing Senate confirmation
          1. Jessica Rosenworcel (D) for return to Commission
          2. Brendan Carr (R), former FCC General Counsel
          3. Chairman Ajit Pai (R) must be reapproved
     2. New NTIA head nominated
        + David Redl (R) from Energy and Commerce Committee
     3. New Canada ISED consultation on 5G
        + Chair reviewed the document below
        + <https://mentor.ieee.org/802.18/dcn/17/18-17-0082-00-0000-canada-ised-5g-consultation.pdf>
        + Deadline Aug 4th
        + Question to the Group: do we want to respond to this to show our support?
          - C: our next teleconference will be July 28, would not give us enough time to get it approved before August 4.
          - C: recommend a simple input to Canadian government.
          - C: we need enough voters in the room to approve. Suggest to the Chair to send a notice about the incoming vote so people can attend and vote.
          - C: suggest the Chair draft the simple response and the group can approve it.
8. Chair discusses slide #9, EMEA Updates;
   * Radio Equipment Directive issues resolved
     1. EN 301 893 v2.1.1 published
     2. Includes note that allows use of Adaptivity from v1.8.1
     3. Published June 9th, three days before the deadline
   * ETSI TC BRAN #94 results
     1. TR 103 319 on sharing of 5725 to 5925 MHz with ITS approved
     2. TR 103 524 SRdoc for 6 GHz band studies advanced
     3. Edgard Vangeel re-elected as Chair
   * 6 GHz project started
     1. WG FM agreed to request WG SE to conduct studies for WAS/RLAN applications in 5925-6425 GHz. WG FM postponed a decision whether the work on this subject will be in a new WG FM project team or within the existing WG FM structure since the first working phase focus will be in WG SE
     2. SE24 to start the study at September meeting with TR 103 524 as input
9. Chair discusses slide #10 and #11; on APAC update
   1. Singapore consultation “5G mobile services and networks”
      1. Deadline: July 7, 2017 (extended to July 21st)
      2. <https://www.imda.gov.sg/~/media/imda/files/inner/pcdg/consultations/consultation%20paper/public%20consultation%20on%205g%20mobile%20services%20and%20networks/5g-public-consultation.pdf?la=en>
   2. India (TRAI) consultations
      1. “Data Speed Under Wireless Broadband Plans”
   3. Australia consultation
      1. “Future use of the 3.6 GHz band, Options paper”
      2. <http://www.acma.gov.au/theACMA/future-use-of-the-1_5-ghz-and-3_6-ghz-bands>
      3. Questions related to the 5.6 GHz band
         * Q8: Is the 5.6 GHz band a viable option for wireless broadband systems?
         * Q9: Under what circumstances should apparatus- and class licensed arrangements be considered for the 5.6 GHz band?
         * Q10: If apparatus licensing arrangements are developed for wireless broadband systems in the 5.6 GHz band, are the notional arrangements proposed in Appendix 3 suitable?
      4. Deadline: August 7, 2017
      5. Chair reviewed the document (18-17/92r0)
      6. Chair suggested we respond to this. Plan to do this next week.
10. Chair discusses slide #14; on Any Other Business
11. Peter announced Doc 18-17/93r0, Multiplay Revenues, has been uploaded to the server.
12. Chair reviewed briefly the 802.18 Tutorial (18-17/80r0)
13. Completed agenda content for today.
14. Chair recessed the meeting at 11:18AM. We are recessed till Thursday AM1.

**Thursday, July 13th, 2017, AM1**

1. The Chair, Rich Kennedy, called the meeting to order at 8:03 local.
   1. About 20 people in the room
2. The Chair used the current agenda meeting plan document 18-17/0087r03.
   1. Chair reviews slide 2, Agenda.
      1. Today’s only item is the “Consideration on 60 GHz ITS systems”
   2. The group approved the agenda with unanimous consent;
3. The Chair reviewed administrative items and what have been discussed on Tuesday;
4. Friedbert Berens presented 18-17/95r2, “ITS in 60GHz - An updated proposal discussed in ETSI TC BRAN and TC ITS”
   1. Friedbert introduced the issue and his proposed solution to ETSI TC ITS and TC BRAN
      1. In Europe the CEPT has designated the band 63 GHz to 64 GHz to ITS applications (ECC DEC 09/01)
      2. The ITS channel in 60 GHz overlaps with two RLAN channels (Ch. #3 and #4) defined in ETSI and in ITU
      3. Current situation impacts two operational RLAN channels and is technically complex
      4. No standardized system for the use in ITS in 60 GHz has been specified up to now
   2. Q: what kind of applications will be in this band?
   3. A: high-bandwidth communications such as video, 5GHz does not have enough BW.
5. The Chair discussed Slide #15, on Any Other business
   1. IMF data in 18-17/93r0
   2. Next teleconference: July 20th at 2:30pm EDT
6. Meeting adjourned at 8:53AM. The Thursday AM2 meeting was cancelled.