IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| May 2015 Regulatory SC Meeting Minutes  Vancouver | | | | |
| Date: 2015-05-14 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Rich Kennedy | MediaTek | 7305 Napier Trail, Austin, TX 78729 | +1 832-298-1114 | rkennedy1000@gmail.com |
| Peter Ecclesine | Cisco Systems | 170 W. Tasman Dr.,MS SJ-14-4, San Jose, CA 95134-1706 | +1-408-527-0815 | petere@cisco.com |

Abstract

This document contains minutes of IEEE 802.11/15 Regulatory Standing Committee meeting in Vancouver.

**Jul 14, 2014 (Tuesday) AM2 10:30 – 12:30 local time**

802.11/802.15 Regulatory Standing committee –

Chair, Rich Kennedy (MediaTek), opens the meeting at 10:35 am, HT Tuesday, and presents document 802.11-15/0729r1.

The Chair presents the Agenda for the week and asks if there are any changes:

* **Review and approve the agenda**
* **Administrative items and approve the minutes from Vancouver**
* **Introduction**
* **The regulatory summaries**
  + **ETSI TC BRAN June update**
  + **ETSI ERM TG11 June update**
  + **Ofcom PSSR consultation**
  + **FCC 15-47 (3.5 GHz) update**
  + **Globalstar in 2.4 GHz band (final?) update**
* **The Regulatory SC and the 802 EC**
* **Actions required**
  + **Preparation for September ETSI ERM TG11 meeting**
  + **Preparation for October ETSI TC BRAN meeting**
  + **TBD**
* **AOB and Adjourn**

Peter Ecclesine (Cisco Systems) volunteered to take notes.

Chair reads slide 3 Agenda for the week, asks for any changes, none are made and the agenda is approved with unanimous consent.

Chair reads Administrative Items slide 4, SC Operating Rules slide 5, Other Guidelines slide 6.

Chair reads Introduction slide 7, mentioning the Critical Issue Focus, then the motion to approve Vancouver minutes:

**Motion: To approve the minutes from the IEEE 802.11/15 Regulatory SC meeting at the Vancouver Wireless Interim in document 11-15/0563r0**

* + **Moved by: Peter Ecclesine**
  + **Seconded by: Stuart Kerry**
  + **Discussion? None**
  + **Vote: Unanimous consent, motion passes**

Chair shows Tuesday agenda for am2 slide 9

Chair reads slides 11-12 ETSI TC BRAN#83, chair shows BRAN(15)00100r3 Results of informal Offline discussion, which has the flowchart of the “adaptive process”. The flowchart does incorporate slat synchronization. Discussion pointed to BRAN(15)00107 Working document on coexistence issues:

[https://docbox.etsi.org/BRAN/BRAN/05-CONTRIBUTIONS/2015//BRAN(15)000107\_Working\_document\_on\_coexistence\_issues.docx](https://docbox.etsi.org/BRAN/BRAN/05-CONTRIBUTIONS/2015/BRAN(15)000107_Working_document_on_coexistence_issues.docx)

Friedbert Berens (FB Consulting) pointed out the December 2015 BRAN deadline might not be achievable, and the Harmonized Standard might be pushed back. Andrew Myles (Cisco) spoke to the flowcharts and text in (15)00107, “Further discussion” 1.d) maximum burst duration.

Chair reads slide 13-15 TC BRAN#83, including the Receiver requirements for 5 GHz are to be enumerated in August 2015. 60 GHz requirements are also awaiting adaptivity requirements. Vijay Auluck (Intel) spoke about the 60 GHz activity to meet RE-D requirements.

Chair reads slide 16 ERM TG11#43 Receiver requirements are undecided among the regulators. Slide 17 is RE-D details for receiver performance, highlighting requirements on adjacent channels.

Chair reads slide 19 on TG11#43 WIA proposal to share 2.4 GHz band by spread FH.

Chair reads slide 20 Globalstar TLPS update, referring to FCC IB 13-213. Bill Carney (Sony) says CEA is working on a response to the current state of affairs, and contact him if you have interest.

Chair reads slides 21-25 ECC decisions. EC mandate is an EC request for possibilities. EC decision is the active command. A summary of the outcome from the meeting is available [here](http://www.cept.org/ecc/groups/ecc/client/introduction/40th-ecc-plenary-meeting,-helsinki-30-june-3-july-2015). The complete ECC Minutes are available [here](http://www.cept.org/Documents/ecc/26375/ECC%2815%29063-Rev2_Minutes-40th-ECC-meeting).

Chair asks that IEEE 802.11/15 provide inputs to ERM TG11#44 in advance of Sept 28-Oct 1 meeting.

Chair asks is there anything elde to discuss today? Hearing none , we are in recess at 11:37 HT until Thursday AM1.

Next item on the agenda is the NGMN liaison, which we will address Thursday. At 1158am Chair announces we are in recess until Thursday AM1.

* **Recess until Thursday**

**July 16, 2014 (Thursday) AM1 08:00 – 10:00 local time**

Chair, Rich Kennedy (MediaTek), calls the meeting to order at 08:04 am, HT Tuesday, and presents document 802.11-15/0729r1, and will upload r2 after the meeting.

The Chair presents the Agenda for Thursday on slide 28 and asks if there are any changes:

* **Review and approve the agenda**
* **Complete the work begun on Tuesday**
* **News: FCC fails to close on pre-auction plans**
* **Discussion of DFS Technical Reports**
* **Our preferred process**
* **AOB**
* **Adjourn**

Some minor changes are made, and the revised agenda is approved by unanimous consent.

Chair reads Administrative Items slide 4, SC Operating Rules slide 5, Other Guidelines slide 6 and Introduction slide 7.

Chair reviews Tuesday activities through slide 27.

For a background on the European DFS rules, see slides 8-17 from our March 2013 tutorial

<https://mentor.ieee.org/802.11/dcn/13/11-13-0282-03-0000-802-5-ghz-tutorial.pptx>

Bill McFarland, Dave Skellern, Mika Kasslin did a lot of the DFS development work.

<http://www.ntia.doc.gov/files/ntia/publications/tm_09-461_0.pdf> The NTIA model for radar coexistence studies

<http://www.itu.int/dms_pubrec/itu-r/rec/m/R-REC-M.1638-1-201501-I!!PDF-E.pdf> Radars in 5250-5850 MHz bands

<http://www.itu.int/dms_pubrec/itu-r/rec/m/R-REC-M.1652-1-201105-I!!PDF-E.pdf> DFS

5 GHz DFS updated

<http://www.ieee802.org/11/private/ETSI_documents/BRAN/70-Draft/00230008/BRAN-0060017v002.doc>

Chair mentions FCC July 16, 2015 open committee meeting discussion of operation in the duplex gap.

Chair discusses the process of taking a Working Group approved document to a regulatory body. The 802.11 approval of our comments to FCC 15-47, and the EC approval of our draft are the necessary elements to express a Working Group contribution.

Chair asks is there any other business and none is raised. Chair asks is there any objection to adjourning and none is raised.

Chair adjourns the meeting at 08:57 on July 16, 2015.