IEEE P802.11
Wireless LANs

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| May 2015 Regulatory SC Meeting MinutesVancouver |
| Date: 2015-05-14 |
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Abstract

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

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

802.11/802.15 Regulatory Standing committee –

Chair, Rich Kennedy (MediaTek), opens the meeting at 10:32 am, PT Tuesday, and presents document 802.11-15/0493r1.

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 Berlin**
* **Introduction**
* **DSRC Coexistence Tiger Team post mortem**
* **The regulatory summaries**
	+ Status of LAA-LTE / IEEE 802.11 coexistence studies
	+ ETSI BRAN update
	+ ETSI ERM TG11 update
	+ Globalstar in 2.4 GHz band (final?) update
	+ Chairman Wheeler Public Notice
* **Actions required**
	+ FCC 15-47 Spectrum Sharing in 3.5 GHz band
	+ FCC Public Notice on LTE-U/LAA-LTE and Wi-Fi
	+ The New EC Radio Equipment Directive – Planning for June 2016
	+ NGMN liaison
* **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 Berlin minutes:

* **Motion: To approve the minutes from the IEEE 802.11/15 Regulatory SC meeting at the Berlin Plenary in document 11-15/0293r1**
	+ **Moved by: Peter Ecclesine**
	+ **Seconded by: Stuart Kerry**
	+ **Discussion? None**
	+ **Vote: Unanimous consent, motion passes**

Chair reads DSRC Coexistence TT Post Mortem, slide 10. Dorothy Stanley (Aruba Networks) asks that the EC letter to the FCC be posted before the eVote. Steve Shellhammer (Qualcomm) notes it will be public when the EC ballot is conducted. Chair Rich Kennedy will ask Paul Nikolich (Chair of IEEE 802) to post the letter before the eVote.

Chair reads slide 12 LAA-LTE/802.11 Coexistence, referring to FCC DA 15-516 NOI.

Chair reads slide 13 ETSI TC BRAN Update (5 GHz)

Chair reads slide 14 ETSI ERM TG11 Update (2.4 GHz)

Chair reads slide 15 Globalstar TLPS update, referring to FCC IB 13-213.

Chair reads slide 16 FCC LAA-LTE Public Notice, and displays DA 15-516, paragraph by paragraph.

Chair proposes a brief letter from IEEE 802.11. Andrew Myles (Cisco Systems) notes there is active coordination between 3GPP and IEEE 802, but believes deeper coordination in necessary. Chair proposes we bring a brief letter to 1115 REG on Thursday. Chair asks for help in writing the letter after this meeting.

Chair reads slide 18 Action Required, FCC 15-47 (3550-3700 MHz). Chair asks we read Second FNPRM and provide comments. Refer to 11-15/0542r0 for more details. Date for comments is 30 days from publication in the Federal Register. The FCC OET wants to know if the requirements are too onerous and mass market designs will not happen soon.

Strawpoll (37 in the room)

Based on the R&O in FCC 15-47, are you interested in developing an IEEE 802.11 amendment for this band?

Yes 2

No 14

Abstain 10

John Humbert (Sprint) asks is there a proposed letter to the FCC about the R&O, Chair asks for help in writing the letter after this meeting.

Action Item FCC DA 15-516 response. The relevant question is “What is the status of coordination between 3GPP and the IEEE 802.11 on LTE-U and LAA, and what is the process for coming to agreement on appropriate sharing characteristics to ensure co-existence with the IEEE 802.11 family of standards?”

The Chair asks for help in writing the letter after this meeting. June 11 is Thursday, reply comment deadline June 26 is a Friday.

Chair reads slide 22 Action Item Europe Radio Equipment Directive (RE-D)

All new standards have to be published in the official journal by June, 2016.

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**

**May 14, 2014 (Thursday) AM1 08:00 – 10:00 local time**

Chair, Rich Kennedy (MediaTek), calls the meeting to order at 08:02 am, PT Tuesday, and presents document 802.11-15/0493r1, and will upload r2 after the meeting.

The Chair presents the Agenda for Thursday on slide 23 and asks if there are any changes:

* **Review and approve the agenda**
* **NGMN Liaison discussion**
* **Approve comments for FCC 15-47**
* **Approve comments for the FCC Public Notice on 5 GHz sharing**
* **AOB**
* **Adjourn**

No changes are made, and the 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.

Chair asks Jeorge Hurtarte (Teredyne) to present 15/547r0, which was discussed Tuesday in 802.11WNG SC and to discuss 15/673r0 Draft of 2nd Liaison response to NGMN. Several changes are made and 673r1 is uploaded.

* + **Motion: To approve document 11-15/673r1 as our liaison to the Next Generation Mobile Networks (NGMN), with the addition of footnotes on the 802.11 technologies mentioned, and forward to the 802.11 WG for approval and submission to the IEEE 802 EC, for approval and transmittal to the NGMN.**
	+ **Moved by: Dan Gal (Alcatel-Lucent)**
	+ **Seconded by: Michael Montemurro (Blackberry)**
	+ **Discussion? None**
	+ **Vote: 22 Yes, 0 No, 1 Abstain**
	+ **Motion Passes**

Chair discusses 802.11-15/683r0 Comments on FCC 15-47and edits on the screen. Chair (eventually) uploads 15/683r1.

Chair asks Carolyn Heide (Ruckus Wireless) to present 802.11-15/682r0 Draft Response to FCC DA 15-516. Edits are made on the screen and Carolyn uploads 15/682r1.

* + **Motion: To approve document 11-15/683r1 as our Comments on FCC 15-47, with editorial changes and forward to the 802.11 WG for approval and submission to the IEEE 802 EC, for approval and transmittal to the FCC.**
	+ **Moved by: Peter Ecclesine (Cisco Systems)**
	+ **Seconded by: Dan Gal (Alcatel-Lucent)**
	+ **Discussion? None**
	+ **Vote: 22 Yes, 0 No, 0 Abstain**
	+ **Motion Passes**

Chair shows next motion

* + **Motion: To approve document 15/682r1 as our response to FCC DA 15-516 and forward to the 802.11 WG for approval and submission to the IEEE 802 EC, for approval and transmission to the FCC.**
	+ **Moved by: Carolyn Heide (Ruckus Wireless)**
	+ **Seconded by: Michael Montemurro (Blackberry)**
	+ **Discussion? None**
	+ **Vote: 22 Yes, 0 No, 0 Abstain**
	+ **Motion Passes**

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

Chair adjourns the meeting at 09:45 on May 14, 2015.