**IEEE P802.19**

**Wireless Coexistence**

|  |  |  |
| --- | --- | --- |
| Project | IEEE P802.19 Wireless Coexistence WG | |
| Title | **November 2015 WG Minutes** | |
| Date Submitted | November 13, 2015 | |
| Source | Steve Shellhammer Qualcomm 5775 Morehouse Drive  San Diego, CA 92121 | Voice: (858) 658-1874  E-mail: shellhammer@ieee.org |
| Re: | [] | |
| Abstract | [] | |
| Purpose | [] | |
| Notice | This document has been prepared to assist the IEEE P802.19. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. | |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by IEEE P802.19. | |

**Monday November 9, 2015**

WG chair called the meeting to order at 4:03 PM.

Steve Shellhammer volunteered to be acting secretary.

Chair reviewed the agenda. There were now changes to the agenda. The group unanimously approved R4 of the agenda.

Chair read the IEEE Patent Policy slides. There were no responses to the call for potentially essential patent claims.

Motion to approve the minutes from the September meeting, document 802.19-15/80r0, passed without opposition.

The chair reviewed the Opening Report, document 802.19-15/90r0.

The chair appointed the TG1a chair and vice chair.

* Chair Naotaka Sato (Sony)
* Vice Chair Hyunduk Kang (ETRI)

Vote to Confirm Chair and Vice Chair

All in the room

Yes 18

No 0

Abstain 3

Voting Members

Yes 5

No 0

Abstain 0

The TG1a chair gave the opening report, document 802.19-15/88r0.

The 802.15 gave a verbal update. The CA document on 802.15.10 was approved by an email ballot.

Paul Nikolich (802 chair) brought up the suggestion that the WG develop a standard on coexistence testing methodology. There was a discussion on this topic. The group took a straw poll on this topic.

**Straw Poll #1**

Do you support development of an Unlicensed Wireless Coexistence Test Methodology activity in 802.19?

Yes 5

No 0

Don’t Know Yet 20

The WG recessed at 5:25 PM.

**Wednesday November 11, 2015**

The chair called the meeting to order at 4:01 PM

Randy Oltman presented document 802.19/15-99r0 on 802.11 / LTE-U Coexistence Testbed.

Paul Nikolich brought up the discussion on Coexistence Testing Methodology again, and there was a good discussion. A straw poll was taken, similar to the one on Monday, but with more detail.

**Straw Poll #2**

Do you support development of a high-level framework of an Unlicensed Wireless Coexistence Test Methodology document focused on 802.11, LAA and LTE-U, in 802.19? This document could be approved by 802.19. The target would be to complete this document by July 2016.

Yes 15

No 0

Don’t Know Yet 11

Menzo Wentink presented document 802.11-15/1152r1 on Moderated Backoff.

Menzo Wentink presented document 802.11-15/1437r0 on Experimental Evaluation of Moderated EDCA over WMP.

Andrew Myles presented document 802.11-15/1434r on ETSI BRAN update

The WG recessed at 6:09 PM

**Wednesday November 12, 2015**

The chair called the meeting to order at 4:03 PM

The TG1a Task Group chair gave his closing report, from document 802.19-15/101r0.

**Motion**

Approve liaison statement to the Wireless Innovation Forum (Doc. 802.19-15/0100r2) and ask chair to send to Wireless Innovation Forum by the end of November

Move: Naotaka Sato (on behalf of Task Group 1a)

Second: Hyunduk Kang

Yes 9

No 0

Abstain 0

Motion passed

The update from 802.15 is that they do not have any new CA documents at the moment.

The update from 802.22 is that they completed their functional requirements document.

Paul Nikolich brought up the topic of coexistence testing methodology again for discussion. It was decided that Paul would reach out to the Wi-Fi alliance to discuss the testing document they are working on and the WG would have a conference call in a few weeks when Paul can provide an update to the group.

The call is scheduled for Monday November 30 at 4:00 PM Eastern Time.

The WG adjourned at 4:33 PM

**Attendance**

|  |  |
| --- | --- |
| Kare Agardh | Sony Mobile Communications |
| James Arnold | US Department of Transportation |
| David Bagby | Calypso Ventures, Inc. |
| Tuncer Baykas | Tohoku University |
| Peter CHAU | Industry Canada |
| Radhakrishna Canchi | Kyocera Communications Inc. |
| Cagatay Capar | Ericsson |
| Sho Furuichi | Sony Corporation |
| Michael Grigat | Deutsche Telekom AG |
| Guido Hiertz | Ericsson AB |
| Jay Holcomb | Itron Inc. |
| He Huang | ZTE Corporation |
| Yasuhiko Inoue | Nippon Telegraph and Telephone Corporation (NTT) |
| Michael Janezic | National Institute of Standards and Technology (NIST) |
| Carl Kain | United Stated Department of Transportation |
| Hyunduk Kang | Electronics and Telecommunications Research Institute (ETRI) |
| Stuart Kerry | OK-Brit |
| Jae Seung Lee | Electronics and Telecommunications Research Institute (ETRI) |
| James Lepp | BlackBerry |
| Chuck Lukaszewski | Aruba Networks, Inc. |
| Shigeru Maeda | TOSHIBA Corporation |
| Roger Marks | Consensii LLC |
| Michael Montemurro | BlackBerry |
| Kenichi Mori | Space-Time Engineering |
| Hitoshi Morioka | SRC Software |
| Yuichi Morioka | Sony Corporation |
| Andrew Myles | Cisco Systems, Inc. |
| Randy Oltman | octoscope |
| Hakan Persson | Ericsson AB |
| James Petranovich | ViaSat, Inc. |
| Albert Petrick | Octoscope |
| Shigenobu Sasaki | Niigata University |
| Naotaka Sato | Sony Corporation |
| Stephen Shellhammer | Qualcomm Incorporated |
| Chen Sun | Sony Corporation |
| Mineo Takai | Space-Time Engineering |
| Menzo Wentink | Qualcomm Incorporated |
| Leif Wilhelmsson | Ericsson AB |
| Jingyi Zhou | Verizon Communications |