**IEEE P802.19**

**Wireless Coexistence**

|  |  |  |
| --- | --- | --- |
| Project | IEEE P802.19 Wireless Coexistence WG | |
| Title | **January 2015 WG Minutes** | |
| Date Submitted | March 9, 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 January 12**

WG chair called the meeting to order at 10:34 AM.

Steve Shellhammer volunteered to be acting secretary.

Chair reviewed the agenda. There were no changes. The WG unanimously approved R1 of the agenda.

Chair read the IEEE Patent Policy slides. There were no responses to the call for LOAs.

The WG unanimously approved the minutes from the November meeting, document 802.19-14/87r0.

Chair reviewed the WG Opening Report, document 802.19-15/05r1.

Chair reviewed the Liaison Approval Process, document 802.19-14/89r0. It was suggested that the executive committee should approve this document. The 802 chair was in the room and he said that would be fine. Action Item: 802.19 chair to run an EC electronic ballot to approve the document.

Hyunduk Kang gave an update on the CUB study group.

Alireza Babaei gave a verbal update on the FSS interest group.

Hyunduk Kang gave an update on 802.15. They have two CA documents: 802.15-14/81r6 and 802.15-14/565r0.

802.22 is not meeting this week, hence there is no update on 802.22.

Rich Kennedy gave presentation 802.19-15/3r1, which is a report on the ETSI BRAN#81 meeting.

Rich stated that the ETSI documents are available in the 802.11 private area.

CUB SG chair asked to move the Tuesday CUB SG meeting from PM1 to PM2. There were no objections, so the meeting was moved.

The WG recessed at 12:15 PM.

**Tuesday January 13, 2015**

The chair called the meeting to at 8:05 PM.

Dino Flore, 3GPP TSG RAN chair presented document 802.19-15/8r0, entitled “3GPP and Unlicensed Spectrum.”

LAA is targeted for Release 13, which will be completed in 2016.

802.11 chair addressed the request from 3GPP for a “baseline” on 802.11/802.11 coexistence. He stated that this is studied in 802.11 and that the 802.11ax task group is currently performing such a study.

After the meeting the TGax chair (Osama AboulMagd) provided links to the 802.11ax simulation scenario and evaluation methodology documents.

<https://mentor.ieee.org/802.11/dcn/14/11-14-0980-05-00ax-simulation-scenarios.docx>

<https://mentor.ieee.org/802.11/dcn/14/11-14-0571-06-00ax-evaluation-methodology.docx>

The WG recessed at 10:00 AM

**Thursday January 15, 2015**

Alireza Babaei provided a verbal update on the Fair Spectrum Sharing interest group.

The group reviewed document IEEE 802.19-15/12r1, Draft Liaison Statement to 3GPP TSG RAN.

The group discussed a variety of aspects of the document and the author, Alireza Babaei, edited the document during that meeting, with the goal of reaching a consensus on the document.

During the discussion there was a straw poll.

Straw Poll

Regarding the text under Recommendation #1 please indicate your preference

Option 1: Keep in the entire paragraph

Option 2: Remove the entire paragraph

Option 3: Abstain

The results of that straw poll were,

Option 1: 18

Option 2: 7

Option 3: 3

**Motion**

The group made additional edits to the document. Once there were no more comments the author posted the revised version on the Mentor server. Then there was a motion on the document.

Motion to send document 802.19/15/0012r2 to executive committee for consideration for approval as a liaison to the 3GPP and give editorial license to 802 chair

Move: Alireza Babaei

Second: Andrew Myles

Agree: 25

Disagree: 0

Abstain: 0

Hyunduk Kang gave the CUB SG closing report, in doc 802.19-15/14r0.

The group discussed the meeting room requirements for March. There were no comments on that topic.

The CUB teleconference schedule is listed in the CUB closing report.

There was no update on any CA documents in 802.15.

The 802.22 WG did not meet in January, so there were no updates.

WG Adjourned at 5:53 PM

**Attendance**

|  |  |
| --- | --- |
| Osama Aboulmagd | Huawei |
| Vijay Auluck | Intel Corporation |
| Alireza Babaei | Cable Television Laboratories Inc. (CableLabs) |
| Peter Ecclesine | Cisco Systems, Inc. |
| Yonggang Fang | ZTE Corporation |
| Matthew Fischer | Broadcom Corporation |
| Sho Furuichi | Sony |
| Dan Gal | ALCATEL-LUCENT |
| Dan Harkins | Aruba Networks, Inc. |
| Carolyn Heide | Ruckus Wireless |
| Jay Holcomb | Itron Inc. |
| Timothy Jeffries | Huawei R&D USA |
| Richard Kennedy | Mediatek |
| Youhan Kim | Qualcomm Incorporated |
| Shoichi Kitazawa | ATR Wave Engineering Laboratories |
| Massinissa Lalam | SAGEMCOM SAS |
| Jae Seung Lee | Electronics and Telecommunications Research Institute (ETRI) |
| James Lepp | BlackBerry |
| Chuck Lukaszewski | Aruba Networks, Inc. |
| NARENDAR MADHAVAN | TOSHIBA Corporation |
| James Marin | Nokia Networks |
| Roger Marks | Consensii LLC |
| Stephen McCann | BlackBerry |
| Simone Merlin | Qualcomm Incorporated |
| James Miller | InterDigital, Inc. |
| Andrew Myles | Cisco Systems, Inc. |
| Alireza Nejatian | Ericsson AB |
| Paul Nikolich | SAMSUNG |
| Robert Olesen | InterDigital, Inc. |
| Ron Porat | Broadcom Corporation |
| Naotaka Sato | Sony Corporation |
| Stephen Shellhammer | Qualcomm Incorporated |
| Dorothy Stanley | Aruba Networks, Inc. |
| Adrian Stephens | Intel Corporation |
| Tomoya Tandai | TOSHIBA Corporation |
| Prabodh Varshney | Nokia |
| Lisa Ward | Rohde & Schwarz |
| Leif Wilhelmsson | Ericsson AB |
| Eric Wong | Apple, Inc. |
| Harry Worstell | AT&T |
| Tevfik Yucek | Qualcomm Incorporated |
| Katsuo Yunoki | KDDI R&D Laboratories |
| Jingyi Zhou | Verizon Communications |
| Chunhui Zhu | Huawei Technologies Co. Ltd |
| Rolf de Vegt | Qualcomm Incorporated |