**IEEE P802.19**

**Wireless Coexistence**

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| Project | IEEE P802.19 Wireless Coexistence WG | |
| Title | **January 2019 WG Minutes** | |
| Date Submitted | January 17, 2019 | |
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| Re: | [] | |
| Abstract | [] | |
| Purpose | [] | |
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**Monday January 14, 2019**

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

Chair reviewed the agenda, and an item to the agenda. The WG unanimously approved the agenda, document 802.19-19/0001r1.

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

Chair read the IEEE 802 Participation slides.

Motion to approve the minutes from the previous meeting, document 802.19-18/89r0, passed without opposition.

The chair reviewed the Opening Report, document 802.19-18/0002r1.

There was a vote to confirm the appointment of Ben Rolfe as Task Group 3 Chair. The vote was,

Yes 12

No 0

Abstain 0

Ben was confirmed as TG3 chair.

The Task Group 3 chair gave the TG3 opening report, document 802.19-19/0004r2.

The 802.11 Liaison was not present, but the 802.11 chair was present and pointed out that 802.11ax may go to recirculation letter ballot after this meeting, with an update coexistence assurance (CA) document, and that 802.11ay may have its first letter ballot, along with its CA document.

The WG chair presented document 802.18-19/91r1, on the IEEE 802 coexistence process. There was a good discussion. Some of the comments were,

* Maybe “coexistence assurance” should be changed to “coexistence analysis” or “coexistence awareness.” This is to document the coexistence problem.
* It would be better if the coexistence study could be done sooner, so that issues could be raised sooner, before the first draft of the standard. This might make it easier to address issues while the design of the standards is still in the early stages.
* If after a preliminary study is complete, if there looks like there is “no solution” then maybe do not even do a CA document.
* The CA document should include the Usage Cases and not “just the Physics”
* This comes down to the position of the executive committee on coexistence. This should be discussed further by the EC.
* In the rules change “approved standards” to “active standards”

The WG chair asked to summarize the possible actions. Here are the three main actions suggested by the people participating in the discussion,

* Change “coexistence assurance” to either “coexistence analysis” or “coexistence awareness” to focus on the coexistence problem
* Perform the analysis/study earlier in the process, well before first draft of the standard
* Hold an EC discussion on this topic (possibly at a future EC workshop)

A presentation from 802.21 was given on Introduction to the Virtual Reality (VR) study group. The document is 802.21-19/02r2.

The WG recessed at 5:55 PM.

**Thursday January 17, 2019**

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

The TG3 vice chair gave the TG3 closing report, in document 802.19-19/04r3.

* The WG chair reminded the TG3 vice chair to make sure the Call for Contributions is sent to the 802.11, 802.15 and 802.19 email reflectors
* TG3 has a conference call scheduled for 4 PM EST on February 5. The WG chair reminded the TG3 vice chair to have the TG3 chair send an announcement to the email reflector, more than 10 days in advance

The 802.11 Liaison did not attend the meeting. The WG chair pointed out that 802.11 may have up to four letter ballots after this meeting, and that some of them will have CA documents, and then we will have an 802.19 ballot on the CA document(s).

The meeting adjourned at 4:12 PM

**Attendance**

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| --- | --- |
| Bernd Baer | Marquardt |
| Eugene Baik | Qualcomm Incorporated |
| David Barras | 3db Access |
| Boris Danev | 3db Access |
| Peter Ecclesine | Cisco Systems, Inc. |
| Anthony Fagan | DecaWave |
| Yonggang Fang | ZTE TX Inc |
| Michael Fischer | NXP Semiconductors |
| James Gilb | General Atomics Aeronautical Systems, Inc.; University of San Diego, Gilb Consulting |
| Jianlin Guo | Mitsubishi Electric Research Labs (MERL) |
| Joachim Hammerschmidt | Apple, Inc. |
| Timothy Harrington | Pro-ID |
| Guido Hiertz | Ericsson AB |
| Jay Holcomb | Itron Inc. |
| Brima Ibrahim | NXP Semiconductors |
| Yasuhiko Inoue | Nippon Telegraph and Telephone Corporation (NTT) |
| Vincent Knowles IV Jones | Qualcomm Incorporated |
| Paul Kettle | Decawave |
| Shoichi Kitazawa | Muroran IT |
| James Lansford | Qualcomm Incorporated |
| Joseph Levy | InterDigital, Inc. |
| Hiroshi Mano | Koden Techno Info K.K. |
| Yukimasa Nagai | Mitsubishi Electric Corporation |
| Philip Orlik | Mitsubishi Electric Research Labs (MERL) |
| Stephen Palm | Broadcom Corporation |
| James Petranovich | ViaSat, Inc. |
| Demir Rakanovic | u-blox |
| Benjamin Rolfe | Blind Creek Associates |
| Ioannis Sarris | u-blox |
| Naotaka Sato | Sony Corporation |
| Kunal Shah | Itron Inc. |
| Stephen Shellhammer | Qualcomm Incorporated |
| Don Sturek | Silver Spring Networks Inc. |
| Takenori Sumi | Mitsubishi Electric Corporation |
| Mineo Takai | Space-Time Engineering |
| Billy Verso | DecaWave |
| HASSAN YAGHOOBI | Intel Corporation |
| Rolf de Vegt | Qualcomm Incorporated |
| yujin noh | Newracom Inc. |