**IEEE P802.19**

**Wireless Coexistence**

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| Project | IEEE P802.19 Wireless Coexistence WG | |
| Title | **November 2019 Sub-1 GHz Task Group Minutes** | |
| Date Submitted | November 21, 2019 | |
| Source | Harry Bims  Bims Laboratories, Inc. | E-mail: harrybims@me.com |
| Re: |  | |
| Abstract | [Meeting Minutes] | |
| Purpose | [To document the activities of Task Group 3 within the IEEE 802.19 Working Group] | |
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Session 1: Monday September 16 PM1

1. The TG Chair called the meeting to order at 13:38 h local time.
2. The TG Chair announced himself as the Task Group Chair, the Vice-Chair Shoichi Kitazawa, Acting Recording Secretary Harry Bims and Technical Editor Jianlin Guo.
3. The TG Chair presented the Task Group Opening slides, which are found at doc # 19-19-0065-00-0003 on the Mentor server. The patent policy slides were shown to the group at 13:39 h. An opportunity was given for attendees to announce any essential patent claims to the Task Group. None were heard.
4. The TG Chair presented the agenda for the week, which are found at doc # 19-19-0057-01 on the Mentor server. The agenda was approved without modification by unanimous consent.
5. The minutes of the July meeting of the Task Group, which are found at doc # 19-19-0053-01 on the Mentor server, were presented to the group for discussion. There was no discussion. The minutes were approved by unanimous consent at 13:50 h.
6. The TG Chair provided the task group meeting goals, and an overview of the Task Group work schedule. There were no questions or comments from the group.
7. The TG Chair updated the group on the status of our liaison activities with the WiFi Alliance.
8. The TG Chair discussed the 802.11ah promotion council activities.
9. Mr. Takenori Sumi presented “802.11ah and 802.15.4g coexistence Simulation and Coexistence Issues”, which is Document #19-19-0055-03 on the Mentor server. There was some group discussion.
10. Mr. Takenori Sumi presented “Coexistence Architecture Recommended for 802.11ah and 802;15.4g in Sub-1 GHz band”, which is Document #19-19-0056-02 on the Mentor server. There was some group discussion.
11. The TG Chair recessed the meeting at 15:02 h local time.

Session 1: Tuesday September 17 PM3

1. The TG Chair called the meeting to order at 19:31 h. He reviewed the agenda for the week. There were no updates to the agenda.
2. Mr. Jianlin Guo presented “Impact of Network Profiles on 802.11ah and 802.15.4g Coexistence” to the group. His presentation was based on Document # 19-19-0070r2, which was posted on the Mentor server. There was some discussion from the group regarding the simulation configuration and results. His presentation ended at 20:39 h.
3. Mr. Joerg Robert presented “802.15.4w Overview and Status” to the group. His presentation was based on Document #19-19-0079r0, which was posted on the Mentor server. He also presented “EU Measurements” to the group. This presentation was based on Document #19-19-0080r0. There was some discussion on his measurement results. His presentation ended at 21:16 h.
4. Mr. Takenori Sumi presented “Consideration of Fairness Index for Sub-1GHz Coexistence” to the group. His presentation was based on Document #19-19-0081r0, which was posted on the Mentor server. His presentation ended at 21:28 h.
5. The TG Chair recessed the meeting at 21:29 h.

Session 2: Thursday September 19 AM2

1. The Chair called the meeting to order at 7:31pm and continued the meeting.
2. The Chair displayed the agenda for the week (Document #19-19-0026-01), and reiterated the schedule for presentations.
3. The IG heard the presentation by Jianlin Guo of “IEEE 802.19.3 Table of Content” as Document # 19-19-0035-01, beginning at 7:37pm. There was some discussion from the group about the presented Table of Contents, and a R2 revision was uploaded to the Mentor server.
4. **8:12pm Straw Poll**: Was this presentation an excellent start? The group was in unanimous consent.
5. The IG heard the presentation by Yuki Nagai of “S1G Coexistence Simulation Profile”, which was posted on the Mentor server as Document # 19-19-0021r2, beginning at 8:14pm. There was some discussion from the group about the presented Coexistence Simulation Profile.
6. The IG heard the presentation by Yuki Nagai of “ S1G Coexistence Simulation Update”, which was previously uploaded to the Mentor server as Document # 19-19-0019r1, beginning at 8:14pm. There was some discussion from the group about the presented Coexistence Simulation Profile.
7. The IG heard the presentation from Benjamin Rolfe of “Use Cases Discussion”, posted to the Mentor server as Document # 19-19-0036r0, beginning at 8:33pm. There was some discussion from the group about the presented Use Cases.

Session 3: Thursday May 16 AM2

1. The Chair called the meeting to order at 10:33am, and reminded the group of the patent policy.
2. There were no changes to the approved agenda.
3. There was a discussion about next steps to generating the first draft standard document.
4. Mr. Takenori Sumi presented “Distributed Coexistence Methods Recommended for 802.11ah and 802.1.5.4g in Sub-1 GHz Band”, which was previously posted on the Mentor server as Document # 19-19-0059r2, beginning at 10:36am. There were questions and discussions from the group. No action was taken.
5. Kazuto Yano presented “Measurement of Radio Noise and Interference over 920 MHz band in Japan (II)”, which was previously uploaded on the Mentor server as doc #19-19-060-02, beginning at 11:07am. There was some group discussion about the presentation. No action was taken.
6. The Technical Editor, Mr. Jianlin Guo, led a group discussion about the status of the technical draft starting at 11:37am. He began by reviewing “IEEE 802.19.3 Table of Content”, Document #19-19-0035r2, which was previously made available on the Mentor server. He continued the discussion by presenting “IEEE 802.19.3 Sub-1 GHz Band System Overview”, Document #19-19-0048r1, which was previously made available on the Mentor server.
7. The TG Chair led a discussion of the next steps for the group, which begins with the preparation of a draft standard. The Technical Editor has volunteered to organize the contributions submitted to the group into an initial draft. The TG Chair proposed to continue bi-weekly conference calls until the November meeting, to discuss the draft preparation progress. The conference call schedule was established by the group; Bi-weekly commencing on Wednesday 2-Oct-2019.
8. The TG Chair adjourned the meeting at 12:17pm local time.