

**IEEE P802.19
Wireless Coexistence**

Project	IEEE P802.19 Wireless Coexistence WG		
Title	March 2019 Sub-1 GHz Task Group Minutes		
Date Submitted	March 15, 2019		
Source	Harry Bims Bims Laboratories, Inc.	E-mail:	harrybims@me.com
Re:			
Abstract	[Meeting Minutes]		
Purpose	[]		
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Session 1: Monday March 11 PM1

1. The TG Chair called meeting to order at 1:32pm. He introduced our technical editor and the Vice-Chair to the group.
2. The TG Chair called for a temporary Recording Secretary for the meeting. The Chair appointed Harry Bims (Bims Laboratories) to be the temporary Recording Secretary.
3. The TG Chair read patent policy slides and participation slides, and the meeting participation slides. The TG Chair announced a call for potentially essential patent claims. There were no responses to the call.
4. The TG Chair and the Task Group discussed and updated the meeting agenda for the week, found at Document # 19-19-0014-00 on the Mentor server.
5. **Motion to approve the agenda:** Moved by Phil Orlik moved (MERL). Seconded by Jianlin Guo. The TG agreed to revision 1 of the agenda at 1:54pm by unanimous consent.
6. The minutes from the January meeting session were presented.
7. **Motion to approve the January Meeting Minutes:** Moved by Phil Orlik moved (MERL). Seconded by Jianlin Guo. The TG agreed to the January meeting session minutes by unanimous consent at 1:56pm.
8. The TG Chair presented the overview and schedule for the TG development work, contained in Document # 19-19-0004r03.
9. The TG Chair recessed the meeting at 2:00pm.

Session 2: Tuesday March 13 PM3

1. Chair called meeting to order at 18:32
2. Chair noted that the patent policy slides and participation policies announced at the opening session still apply.
3. Chair reviews the meeting agenda (Document # 19-19-0014-02).
4. The TG heard the presentation of Document #19-19-0018-00 presented by Yuki Nagai (MERL), Update on 920 MHz Regulation Summary in Japan. Following discussion a straw poll is conducted:
 - a. Are you interested in discussing/incorporating Japanese 920MHz regulations in the Recommended Practice?
 - i. Yes: 8
 - ii. No: 0
 - iii. Abstain: 0
 - b. Are you interested in continuing to monitor and hear reports on developments?
 - i. Yes: 15
 - ii. No: 0
 - iii. Abstain: 0
 - c. Yuki takes the action to continue monitoring and reporting
5. The TG heard presentation 19-19-0019-00 S1G Coexistence Simulation Update presented by Yuki Nagai et al (MERL). Following discussion, straw poll conducted:

- a. Are you interested in Coexistence Simulation Results to be discussed on Recommended Practice?
 - i. Yes: 13
 - ii. No: 0
 - iii. Abstain: 0
- b. Discussion: suggest more scenarios and parameter sets be developed based on additional real world use cases. Additional discussion on how to obtain more use case information, including suggested outreach to the WiFi Alliance.
6. The TG heard presentation 19-19-0029-00 by Shoichi Kitazawa (Muroran IT), TG4s and TG4md update. Discussion:
 - a. Potential to use metrics defined by TG4s in developing coordinated spectrum usage.
 - b. Generally 2 types of coexistence scenarios:
 - i. Non-collaboration
 - ii. With collaboration
 1. With use of standardized information exchange
 - iii. Interest expressed in both
 - iv. Semi-cooperative scenarios are discussed but less clearly defined
 - v. Conclusion is that we need a framework for defining and evaluated both collaborative and non-collaborative schemes
7. The TG Chair recessed the meeting at 20:29 local

Session 3: Thursday March 14 AM2

1. Chair called meeting to order at 10:40am
2. Chair noted that the patent policy slides and participation policies announced at the opening session still apply.
3. The Chair reviewed the meeting agenda (Document # 19-19-0014-01). The agenda was updated and approved by unanimous consent of the TG as Document # 19-19-0014-02 at 10:59am.
4. The TG heard the presentation of Document # 19-19-0021-00 from Jianlin Guo, which began at 11:00am. There was some discussion from the group about the simulation scenarios.
5. There was a discussion of the Existing Use Cases for 802.15.4 FSK 10,000' View slide, contained in Document # 19-18-0060-00.
6. **12:01pm Straw Poll:** Should we establish informal liaisons with outside groups? Most of the group was in favor. There was one person opposed.
7. **12:05pm Motion:** "The task group directs the chair to work with the WG chair to issue a liaison request to external organizations for input on usage scenarios and technical requirements for expected use of 802.11 and 802.15.4 sub-1GHz systems. To include requests to WiFi Alliance, 802.11ah, Promotion Council, Wi-Sun Alliance, IETF 6lo and Ipv6 and others at the discretion of the WG and TG chairs." Moved: Jianlin Guo Seconded: Charlie Perkins. There was discussion on the motion. There was some

discussion that the feedback from the requests will be generic, and not address the real problems and scenarios. There was some discussion about the timing of the liaison requests, and the scheduling of future discussions to determine the wording of the requests. Motion vote: 7/1/0. The motion carries.

8. There was some discussion of the consensus process.
9. There was some discussion of next steps.
10. There was agreement from the TG to have two teleconference calls before the May interim meeting. The teleconference schedule is April 3 Pacific Time 4pm, May 1st Pacific Time 4pm.
11. No other business
12. **12:26pm Motion:** To adjourn the meeting. Moved by Phil, Second: Jianlin.
13. The TG Chair meeting adjourned the meeting at 12:30pm.