IEEE P802.11
Wireless LANs

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| IEEE 802.11bd September 2020 meeting minutes  |
| Date: 2019-10-13 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Yan Zhang | NXP | 350 Holger Way, San Jose, CA,  |  | yan.zhang\_5@nxp.com |

Abstract

This document includes minutes of all IEEE 802.11bd teleconferences occurring during the 802.11 October 2020.

Version Tracking:

R1: October 13th teleconference session 10:00-12:00 h ET

R2: October 20th teleconference session 10:00-12:00 h ET

# Tuesday 13 October 2020 @ 10:00-12:00 h ET

## Opening (IEEE 802.11-20/1561r1)

* 1. Call to order 10:03 h ET
	2. Chair appointed Yan Zhang (NXP) to be the active secretary for the group
	3. Chair instructed members on how to use Webex and to record attendance in IMAT.
	4. Chair introduced the patent policy and meeting rules (slides 2-6).
	5. No response to the call for patents.
	6. Chair reviewed Meeting Guidelines (slides 7-10)
	7. Chair reviewed current Teleconference plan, TGbd Documents Update, and current TGbd Timeline (slides 11-13)
	8. Chair introduced the task group leadership (slide 14)

## Agenda (IEEE 802.11-20/1561r1)

* 1. Chair presented the agenda: https://mentor.ieee.org/802.11/dcn/20/11-20-1561-01-00bd-tgbd-teleconference-agenda-for-oct-2020.pptx. (slide 16):
* Call meeting to order and remind the group to record attendance on imat.ieee.org
* IEEE-SA IPR policies and meeting rules
* Approval of agenda (slide 16)
* Presentations and discussion (Call for submission)
	+ 11-20/1564r0, TGbd Coexistence Assurance document, Rui Cao (NXP)
* Next teleconference on Oct. 16th to motion the CAD document
* Adjourn

### Approval of the TC minutes

The minutes were not available for approval at this time

### Chair shared IEEE P802.11bd D1.0 WG LB Progress

* 1. LB will be delayed for two months from September to November
	2. TGBd Coexistence Assurance document needs to be motioned in both TGbd and WG.

### 11-20/1564r1, TGbd Coexistence Assurance document, Rui Cao (NXP)

* 1. Presented by Rui Cao
	2. A comment was made that the text is unclear about “assured through regulation” mean in Section 3 Coexistence in ITS bands. The commenter pointed out that we need to consider US and European regulation domains separately since the regulations in the two regions are quite different. In US, FCC is preparing to revise rules, which will not include 11bd devices in the same channel as 11p devices (DSRC designated channel). The group needs to propose to FCC to allow both 11p and 11bd devices to run in that channel. Hence not sure coexistence can be assured through regulation. The presenter replied that we need regulation since 11p uses 10MHz PPDU and 11bd can use 20MHz PPDU. The commenter agreed to leave the regulation in the sentence for now, and asked companies and interested parties to propose to FCC to include 11bd service in DSRC designated channel.
	3. A question was asked as to how to describe the difference between 11p and 11bd OFDM waveform designs accurately since 11p is a subset to 11bd . The presenter replied that the generic descriptions are copied from other 802.11 documents, and it provides information for venders that the impact of 11bd devices on 11p devices is small. The commenter further commented that 11bd can act like 11p device sometimes and act like 11bd device sometimes. The commenter is fine with the current wording, and will take a further look.
	4. A comment was made to include 802.19 coexistence besides 802.11 in CAD document, and prepare a liaison for 802.19 while asking for IEEE support.
	5. Chair asked members to exchange further comments in email reflector to get consensus before Friday (Oct. 16) motion.

## Closing

* 1. Any other business
		1. None
	2. Chair announced the next TGbd teleconference will be on Friday 16 October @ 10:00 h ET
	3. Chair adjourned the teleconference at 10:54am

**Attendance from IMAT**

| **Name** | **Affiliation** |
| --- | --- |
| An, Song-Haur | INDEPENDENT |
| Sun, Bo | ZTE Corporation |
| Cao, Rui | NXP Semiconductors |
| Juseong Moon | KNUT |
| Schiessl, Sebastian | u-blox |
| Petrick, Albert | InterDigital, Inc. |
| Hong, Hanseul | WILUS Inc. |
| Motozuka, Hiroyuki | Panasonic Corporation |
| Kenney, John | TOYOTA InfoTechnology Center U.S.A. |
| Liwen, Chu | NXP |
| Ronny Yongho, Kim | KNUT |
| Sand, Stephan | German Aerospace Center (DLR) |
| Yujin, Noh | Newracom Inc. |
| Andras, Edelmayer | commsignia |
| Yan, Zhang | NXP |

# Friday 16 October 2020 @ 10:00-12:00 h ET

## Opening (IEEE 802.11-20/1561r3)

* 1. Call to order 10:03 h ET
	2. Chair instructed members on how to use Webex and to record attendance in IMAT.
	3. Chair introduced the patent policy and meeting rules (slides 2-6).
	4. No response to the call for patents.
	5. Chair reviewed Meeting Guidelines (slides 7-10)
	6. Chair reviewed current Teleconference plan, TGbd Documents Update, and current TGbd Timeline (slides 11-13)
	7. Chair introduced the task group leadership (slide 14)

## Agenda (IEEE 802.11-20/1561r4)

* 1. Chair presented the agenda: https://mentor.ieee.org/802.11/dcn/20/11-20-1561-02-00bd-tgbd-teleconference-agenda-for-oct-2020.pptx. (slide 20):
* Call meeting to order and remind the group to record attendance on imat.ieee.org
* IEEE-SA IPR policies and meeting rules
* Approval of agenda (slide 20)
* Motion for CAD (11-20/1564r2)
* Next teleconference on Oct. 20th
* Adjourn

### Approval of the TC minutes

The minutes were not available for approval at this time

### Motion for Coexistence Assurance Document

* 1. The presenter gave brief update on the editorial changes of the CAD document since last TC on Oct. 13th, and no further comments from members.
	2. Move to approve document 11-20/1564r1 as TGbd Coexistence Assurance Document for WG Letter Ballot

Moved: Rui Cao

Second: Joseph Levy

Results: 14Y/0N/0A

Motion passed.

### Chair asked if anyone has technical submission for next TC on Oct. 20th

* 1. A question was asked if any procedures needed before WG LB, and the chair replied that WG chair has not responded yet. The chair will contact WG chair for update.
	2. Next TC on Oct. 20th is put on placeholder in case any update from WG chair during the weekend, otherwise it will be cancelled by Monday.
	3. A question was asked about the items will be discussed besides WG LB motion for Nov. Plenary. Chair replied that TG secretary will be motioned in the plenary, and TC will be reduced to once a week if members do not have more technical submissions.
	4. A question was asked whether anyone in the group will address localization problem since localization topic is included in the PAR, and the editor responded that she was working on it and will share the document in a few weeks.

## Closing

* 1. Any other business
		1. None
	2. Chair adjourned the teleconference at 10:35am ET

**Attendance from IMAT**

| **Name** | **Affiliation** |
| --- | --- |
| An, Song-Haur | INDEPENDENT |
| Sun, Bo | ZTE Corporation |
| Cao, Rui | NXP Semiconductors |
| Schiessl, Sebastian | u-blox |
| Hong, Hanseul | WILUS Inc. |
| Motozuka, Hiroyuki | Panasonic Corporation |
| Kenney, John | TOYOTA InfoTechnology Center U.S.A. |
| Ronny Yongho, Kim | KNUT |
| Yujin, Noh | Newracom Inc. |
| Andras, Edelmayer | commsignia |
| Yan, Zhang | NXP |
| Dieter, Smely  | KAPSCH |
| Xiangxin, Gu | Unisoc |
| Bahar, Sadeghi | Intel |
| Carl, Kain | USDOT/Noblis |
| Dongguk, Lim | LGE |
| Joseph, Levy | InterDigital |
| Peter Yee | NSA-CSD |
| Rui, Yang | InterDigital |
| Mike, Montemurro | Huawei |