IEEE P802.11
Wireless LANs

|  |
| --- |
| IEEE 802.11bd Dec 2021 - Jan 2022 Teleconference minutes  |
| Date: 2021-12-17 |
| 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 IEEE 802.11bd December and January teleconference meetings.

Version Tracking:

R0: December 17th , January 4th and 11th teleconference meetings minutes

# Friday 17 December 2021 @ 10:00-11:00 am ET

## Opening (IEEE 802.11-21/1998r0)

* 1. Call to order 10:00 am ET
	2. Chair instructed members to record attendance in IMAT.
	3. Chair introduced the patent policy and meeting rules (slides 2-8).
	4. No response to the call for patents.
	5. Chair introduced IEEE-SA COPYRIGHT POLICY (slides 9-11)
	6. Chair reviewed other Guidelines for IEEE WG Meetings (slides 12-14)
	7. Chair reviewed current Teleconference plan, TGbd Documents Update, and current TGbd Timeline (slides 15-17)
	8. Chair introduced the task group leadership (slide 19)

## Agenda (IEEE 802. 11-21/1998r0)

* 1. Chair presented the agenda: https://mentor.ieee.org/802.11/dcn/21/11-21-1998-01-00bd-tgbd-teleconference-agenda-for-nov-2021. (slide 27)
		+ 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 27)
		+ Revisit timeline
		+ 11bd D3.0 LB259 summary
		+ Assignment of comments collected from LB259
			- https://mentor.ieee.org/802.11/dcn/21/11-21-2018-00-00bd-tgbd-lb259-comments.xlsx
		+ Any other business
		+ Adjourn
	2. Agenda was approved without objection

## Revisit timeline

* 1. In November plenary closing meeting, WG chair said that 11bd SA ballot D4.0 can be started without depending on whether 11az finishes SA ballot or not. So 11bd SA ballot D4.0 will start in March 2022.

## LB 259 Summary

* 1. Total 107 comments, 34 editorial, 68 technical and 5 general.
	2. Comment spreadsheet for LB 259

## Assignment of comments collected from LB259

## Closing

* 1. Chair adjourned the teleconference at 11am ET.
	2. Next TC will be on Dec 21st

**Attendance from IMAT**

| **Name** | **Affiliation** |
| --- | --- |
| Moran, Ashely | IEEE STAFF |
| Sun, Bo | ZTE Corporation |
| Noh, Yujin | Senscomm |
| Kenney, John | TOYOTA Motor North America |
| Levy, Joseph | InterDigital, Inc. |
| Yan, Zhang | NXP Semiconductors |
| Edelmayer, Andras | Commsignia |
| Unterhuber, Paul | German Aerospace Center (DLR) |
| Sand Stephan | German Aerospace Center (DLR) |
| Rosdahl, Jon | Qualcomm Technologies, Inc. |
| Levesque, Chris | Qorvo |

# Tuesday 4 January 2021 @ 10:00-11:59 am ET

## Opening (IEEE 802.11-21/1999r1)

* 1. Call to order 10:00 am ET
	2. Chair instructed members to record attendance in IMAT.
	3. Chair introduced the patent policy and meeting rules (slides 2-8).
	4. No response to the call for patents.
	5. Chair introduced IEEE-SA COPYRIGHT POLICY (slides 9-11)
	6. Chair reviewed other Guidelines for IEEE WG Meetings (slides 12-14)
	7. Chair reviewed current Teleconference plan, TGbd Documents Update, and current TGbd Timeline (slides 15-17)
	8. Chair introduced the task group leadership (slide 19)

## Agenda (IEEE 802. 11-21/1999r1)

* 1. Chair presented the agenda: https://mentor.ieee.org/802.11/dcn/21/11-21-1999-01-00bd-tgbd-teleconference-agenda-for-Jan-2022. (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)
		+ 11bd D3.0 LB 259 summary
		+ Comment resolutions
			- 11-21/2034r0, lb259-cr-clause-32-2-2-and-Annex-B, Bo Sun (ZTE Corporation)
		+ Any other business
		+ Adjourn
	2. Agenda was approved without objection

## LB 259 Results

* 1. Approval percentage 93.7%, great improvement over LB251 and LB254 approval rates.
	2. Total 107 comments, including 34 editorial comments, 68 tech comments and 5 general comments.

## 11-21/2034r0, lb259-cr-clause-32-2-2-and-Annex-B, Bo Sun (ZTE Corporation)

* 1. CID 3016, 3019, 3020, 3027 and 3087: No discussions.

## Closing

* 1. Chair adjourned the teleconference at 10:32am ET.
	2. Next TC will be on January 11th.

**Attendance from IMAT**

| **Name** | **Affiliation** |
| --- | --- |
| Bims, Harry | Bims Laboratories, Inc |
| Cao, Rui | NXP Semiconductor |
| Sun, Bo | ZTE Corporation |
| Noh, Yujin | Senscomm |
| Chu, Liwen | NXP Semiconductor |
| Levy, Joseph | InterDigital, Inc. |
| Yan, Zhang | NXP Semiconductors |
| Coffey, John | Realtek Semiconductor Corp. |
| Oyama, Satoshi | Association of Radio Industries and Business (ARIB) |
| Sand Stephan | German Aerospace Center (DLR) |
| Levesque, Chris | Qorvo |
| Kain, Carl | USDoT |
| Petrick, Albert | InterDigital, Inc. |
| Stanley, Dorothy | Hewlett Packard Enterprise |
| Edelmayer, Andras | Commsignia |

# Tuesday 11 January 2021 @ 9:00-11:00 am ET

## Opening (IEEE 802.11-21/1999r3)

* 1. Call to order 10:00 am ET
	2. Chair instructed members to record attendance in IMAT.
	3. Chair introduced the patent policy and meeting rules (slides 2-8).
	4. No response to the call for patents.
	5. Chair introduced IEEE-SA COPYRIGHT POLICY (slides 9-11)
	6. Chair reviewed other Guidelines for IEEE WG Meetings (slides 12-14)
	7. Chair reviewed current Teleconference plan, TGbd Documents Update, and current TGbd Timeline (slides 15-17)
	8. Chair introduced the task group leadership (slide 22)

## Agenda (IEEE 802. 11-21/1999r3)

* 1. Chair presented the agenda: https://mentor.ieee.org/802.11/dcn/21/11-21-1999-03-00bd-tgbd-teleconference-agenda-for-Jan-2022. (slide 23)
		+ 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 23)
		+ 11bd D3.0 LB 259 summary
		+ SP
			- 11-21/2034r0, lb259-cr-clause-32-2-2-and-Annex-B, Bo Sun (ZTE Corporation)
		+ Comment resolutions
			- 11-22/0033r1, D3.0 Comment Resolution Annex C MIB, Hiroyuki Motozuka (Panasonic)
			- 11-22/0007r1, LB259 Comment Resolution, Stephan Sand (DLR)
			- 11-22/0015r0, Resolutions to Editorial Comments Part 1, Yujin Noh (Senscomm)
			- 11-22/0016r0, Resolutions to Editorial Comments Part 2, Yujin Noh (Senscomm)
		+ Any other business? MDR progress update by Tech Editor
		+ Next teleconference will be during IEEE 802.11 January Interim week
		+ Adjourn
	2. Agenda was approved without objection

## SP for 11-21/2034r0, lb259-cr-clause-32-2-2-and-Annex-B, Bo Sun (ZTE Corporation)

* 1. Do you agree on the comment resolution to following 5 CIDs and proposed modification to IEEE P802.11bd D3.0 as in 11-21/2034r0?
		+ CID 3016, 3019, 3020, 3027 and 3087
		+ Y/N/A: No objection.

## 11-22/0033r1, D3.0 Comment Resolution Annex C MIB, Hiroyuki Motozuka (Panasonic)

* 1. CID 3047: A question was asked whether the presenter sent the resolution to the commenter. The presenter answered that it is his own comment. A question was asked regarding to yellow highlighted text which asks Editor to process the <ANA> values. And the Editor answered that she will check it.

## 11-22/0007r1, LB259 Comment Resolution, Stephan Sand (DLR)

* 1. CID 3061, 3063, 3012, 3051, 3052, 3017, 3103: No discussions
	2. CID 3077: A comment was made that there is a definition of fairness in TGbd, and it means fairness of accessing channel. The presenter answered that fairness is defined as fairness in contending for the medium in the baseline document.
	3. CID 3001: A question was asked whether it is intentional to make it a normative statement. The presenter answered yes. Editor confirmed that the change is ok.
	4. CID 3018: A question was asked whether this figure is for NGV ranging NDP. The presenter answered that the change in the figure is to make it compatible with Table 32-11. The commenter asked whether there is similar figure in 11az, and the presenter answered yes. The commenter suggested to removed repeated after Nss in the figure. The presenter agreed. Editor suggested the commentor to change the text to “the TXVECTOR parameter NUM\_SS” instead of “the NUM\_SS parameter”.

## 11-22/0015r0, Resolutions to Editorial Comments Part 1, Yujin Noh (Senscomm)

* 1. CID 3079, 3042, 3043, 3004, 3005, 3007, 3006, 3073, 3074, 3078, 3045: No discussions.

## 11-22/0016r0, Resolutions to Editorial Comments Part 2, Yujin Noh (Senscomm)

* 1. CID 3003, 3104, 3072, 3075, 3055, 3056: No discussions.

## MDR progress update, Yujin Noh (Senscomm)

* 1. Editor gave update on MDR progress and introduced the draft MDR report skeleton. Editor will continue the MDR progress update on January 21st during Interim meeting.

## Closing

* 1. Chair adjourned the teleconference at 11:00 am ET.
	2. Next TC will be on January 18th.

**Attendance from IMAT**

| **Name** | **Affiliation** |
| --- | --- |
| Chu, Liwen | NXP Semiconductor |
| Unterhuber, Paul | German Aerospace Center (DLR) |
| Sun, Bo | ZTE Corporation |
| Noh, Yujin | Senscomm |
| Kim, Youn-Kwan | Sync Techno |
| Levy, Joseph | InterDigital, Inc. |
| Yan, Zhang | NXP Semiconductors |
| Kenney, Jonh | Toyota Motor North America |
| Oyama, Satoshi | Association of Radio Industries and Business (ARIB) |
| Sand Stephan | German Aerospace Center (DLR) |
| Petrick, Albert | InterDigital, Inc. |
| Orlando, Christian | IEEE |
| Sosack, Robert | Molex Incorporated |
| Motozuka, Hiroyuki | Panasonic Corporation |
| Yu, Mao | Anyka |