IEEE P802.11
Wireless LANs

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| IEEE 802.11bd February 2022 Teleconference minutes  |
| Date: 2022-2-8 |
| Author(s): |
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Abstract

This document includes minutes of IEEE 802.11bd February and March 2022 teleconference meetings.

Version Tracking:

R0: February 8th , 15th, and March 1st teleconference meetings minutes

# Tuesday 8 February 2022 @ 9:00-11:00 am ET

## Opening (IEEE 802.11-22/0283r0)

* 1. Call to order 9:00 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. 11-22/0283r0)

* 1. Chair presented the agenda: https://mentor.ieee.org/802.11/dcn/22/11-22-0283-00-00bd-tgbd-teleconference-agenda-for-feb-2022.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)
		+ 11bd D3.0 LB259 summary
		+ Straw Polls
			- 11-22/0091r3, D3.0 Comment Resolution related to DMG STA communicating OCB, Hiroyuki Motozuka (Panasonic)
			- 11-22/0150r0, CID 3050 for Midambles, Rui Cao (NXP)
			- 11-22/0151r0, D3.0 CR for PHY Introduction, Rui Cao (NXP)
		+ Comment resolutions (call for submissions)
			- 11-22/0152r0, D3.0 Comment Resolution for 32.2.11 (Receiver Specification), Rui Cao (NXP)
		+ 11bd MDR Reports, Yujin Noh (Senscomm)
		+ Any other business
		+ Adjourn
	2. Agenda was approved without objection

## LB 259 Comment Resolution Progress

* 1. Total 107 comments are collected from LB 259. So far 87 comment resolutions are approved, 20 comments are assigned.

## SP for 11-22/0091r3, D3.0 Comment Resolution related to DMG STA communicating OCB, Hiroyuki Motozuka (Panasonic)

* 1. Do you agree on the comment resolution to following 11 CIDs and proposed modifications to IEEE P802.11bd D3.0 as in 11-22/0091r3?
		+ CID 3014, 3044, 3048, 3062, 3071, 3076, 3080, 3081, 3082, 3083, and 3084
		+ Y/N/A: No objections

## SP for 11-22/0150r0, CID 3050 for Midambles, Rui Cao (NXP)

* 1. Do you agree on the comment resolution to CID 3053 and proposed modification to IEEE P802.11bd D3.0 as in 11-22/0150r0?
		+ Y/N/A: No objections

## SP for 11-22/0151r0, D3.0 CR for PHY Introduction, Rui Cao (NXP)

* 1. Do you agree on the comment resolution to following 2 CIDs and proposed modifications to IEEE P802.11bd D3.0 as in 11-22/0151r0?
		+ CID 3089 and 3090
		+ Y/N/A: No objections

## 11-22/0152r0, D3.0 Comment Resolution for 32.2.11 (Receiver Specification), Rui Cao (NXP)

* 1. CID 3067, 3068: A comment was made that there is a typo in the sentence. It should be “except” instead of “expect”. A question was asked whether “where … is used” only applies to except part or the entire sentence. The presenter confirmed that it only applies to except part. A comment was made that it is better to have two separate sentences for better understanding. The presenter modified accordingly.
	2. CID 3066: A comment was made that the wording “reference to” is not preferred in the text, and suggested to replace it with “based on”. A comment was made modify the sentence to “similar requirements … are defined for VHT PPDU …”. A comment was made that “similar requirements …” is awkward. It is suggested to change to “similar receiver … requirements, adjacent … requirements and nonadjacent …. requirements are defined for VHT … ”. A comment was made that the first letter after NOTE—should be capital letter according to IEEE writing style.
	3. CID 3069: No discussions.
	4. CID 3070: A question was asked whether there is advantage to have 3dB lower requirement. The presenter answered that there is no preamble processing to guarantee 3dB gain for 20MHz BPSK+DCM while there is 3dB preamble gain for 10MHz BPSK+DCM with preamble power boost and repeat LTF. That’s why the requirement for 10MHz BPSK+DCM is 3dB lower that other formats.

## 11bd MDR Reports

* 1. Editor gave updates for the suggested changes proposed by the review committee, changes which are accepted, and changes which are rejected.

## Closing

* 1. Chair adjourned the teleconference at 10:58am ET.
	2. Next TC will be on Feb 15th

**Attendance from IMAT**

| **Name** | **Affiliation** |
| --- | --- |
| Zaman, Malia | IEEE STAFF |
| Cao, Rui | NXP Semiconductors |
| Sun, Bo | ZTE Corporation |
| Noh, Yujin | Senscomm |
| Kenney, John | TOYOTA Motor North America |
| Levy, Joseph | InterDigital, Inc. |
| Yan, Zhang | NXP Semiconductors |
| Edelmayer, Andras | Commsignia |
| Motozuka, Hiroyuki | Panasonic Corporation |
| Sand Stephan | German Aerospace Center (DLR) |
| Oyama, Satoshi | Association of Radio Industries and Businesses (ARIB) |
| Levesque, Chris | Qorvo |
| Petrick, Albert | InterDigital, Inc. |
| Stanley, Dorothy | Hewlett Packard Enterprise |

# Tuesday 15 February 2022 @ 10:00-11:59 am ET

## Opening (IEEE 802.11-22/0283r1)

* 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 25)

## Agenda (IEEE 802. 11-22/0283r1)

* 1. Chair presented the agenda: https://mentor.ieee.org/802.11/dcn/22/11-22-0283-01-00bd-tgbd-teleconference-agenda-for-feb-2022.pptx. (slide 26)
		+ 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 26)
		+ Straw Polls
			- 11-22/0152r1, D3.0 Comment Resolution for 32.2.11 (Receiver Specification), Rui Cao (NXP)
			- 11-22/0330r0, lb259-comment-resolution-cid-3088, John Kenney (Toyota)
		+ Comment resolutions (call for submissions)
			- 11-22/0330r0, lb259-comment-resolution-cid-3088, John Kenney (Toyota)
		+ 11bd MDR report update
		+ Any other business
		+ Adjourn
	2. Agenda was approved without objection

## SP for 11-22/0152r1, D3.0 Comment Resolution for 32.2.11 (Receiver Specification), Rui Cao (NXP)

* 1. Do you agree on the comment resolution to following 5 CIDs and proposed modification to IEEE P802.11bd D3.0 as in 11-22/0152r1?
		+ CID 3067, 3068, 3066, 3069 and 3070
		+ Y/N/A: No objections

## 11-22/0330r0, lb259-comment-resolution-cid-3088, John Kenney (Toyota)

* 1. CID 3088: A question was asked whether we can delete “NGV” from “NGV ranging” to remove the redundancy. The presenter answered that “NGV ranging” is clearly defined vs
	“ranging”. It is better for understanding. A comment was made that the current texts are correct although it seems a little bit redundant.

## SP 11-22/0330r0, lb259-comment-resolution-cid-3088, John Kenney (Toyota)

* 1. Do you agree on the comment resolution to CID 3088 proposed as in 11-22/0330r0?
		+ Y/N/A: No objections

## 11bd MDR reports update

* 1. Editor continued updates for the suggested draft changes proposed by the review committee.

## Closing

* 1. Chair adjourned the teleconference at 10:37am ET.
	2. Next TC will be on Mar 1st

**Attendance from IMAT**

| **Name** | **Affiliation** |
| --- | --- |
| An, Song-Haur | Independent |
| Zaman, Malia | IEEE STAFF |
| Cao, Rui | NXP Semiconductors |
| Sun, Bo | ZTE Corporation |
| Noh, Yujin | Senscomm |
| Kenney, John | TOYOTA Motor North America |
| Levy, Joseph | InterDigital, Inc. |
| Petrick, Albert | InterDigital, Inc. |
| Yan, Zhang | NXP Semiconductors |
| Edelmayer, Andras | Commsignia |
| Sand Stephan | German Aerospace Center (DLR) |
| Oyama, Satoshi | Association of Radio Industries and Businesses (ARIB) |
| Levesque, Chris | Qorvo |

# Tuesday 1 March 2022 @ 10:00-11:59 am ET

## Opening (IEEE 802.11-22/0283r2)

* 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 30)

## Agenda (IEEE 802. 11-22/0283r2)

* 1. Chair presented the agenda: https://mentor.ieee.org/802.11/dcn/22/11-22-0283-02-00bd-tgbd-teleconference-agenda-for-feb-2022.pptx. (slide 31)
		+ 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 30)
		+ 11bd MDR report update (Tech Editor)
		+ Update on progress of report to EC on conditional approval for SA BA
		+ Any other business
		+ Adjourn
	2. Agenda was approved without objection

## 11bd MDR reports update

* 1. 11bd Draft 4.0 is sent out and it will be reviewed by committee this Friday. A comment was made that MDR will be completed at the next week Editor’s meeting.

## Update on progress of report to EC on conditional approval for SA BA

* 1. Chair shared document “TGbd Report of progress to EC on conditional approval for SA BA”. The document includes previous LB results, comments resolved, and updated TGbd timeline. It is announced that there will be two TGbd meetings (Tuesday and Friday) in next week Plenary week.

## Closing

* 1. Chair adjourned the teleconference at 10:43am ET.
	2. Next TC will be on Mar 8th

**Attendance from IMAT**

| **Name** | **Affiliation** |
| --- | --- |
| Andersdotter, Amelia | Sky UK Group |
| Kipness, Michael | IEEE Standards Association (IEEE-SA) |
| Sun, Bo | ZTE Corporation |
| Noh, Yujin | Senscomm |
| Kenney, John | TOYOTA Motor North America |
| Levy, Joseph | InterDigital, Inc. |
| Petrick, Albert | InterDigital, Inc. |
| Yan, Zhang | NXP Semiconductors |
| Kain, Carl | USDoT |
| Sand Stephan | German Aerospace Center (DLR) |
| Oyama, Satoshi | Association of Radio Industries and Businesses (ARIB) |
| Motozuka, Hiroyuki | Panasonic Corporation |