IEEE P802.11
Wireless LANs

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| Minutes of the January 2023 meeting of the IEEE 802.11 Coexistence Standing Committee |
| Date: 2023-02-04 |
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Abstract

This document contains the minutes of the January 2023 meeting of the IEEE 802.11 Coexistence Standing Committee.

Meeting location:

Hilton Baltimore
401 West Pratt Street Baltimore, Maryland 21201, United States of America

1. At 2023-01-18T16:02-05:00 the chair of the IEEE 802.11 Coexistence Standing Committee (SC) calls the meeting to order. Andrew Myles acts as chair of the SC. Guido R. Hiertz acts as recording secretary of the SC.
2. The chair presents document 11-22/2136r3. At this time, 11-22/2136r3 is identical to 11-22/2136r2. The latter is stored on Mentor server. The former will contain any updates that may arise out of this meeting.
	1. The chair reminds all attendees of their obligations as presented on pages one to ten.
3. At 2023-01-18T16:04-05:00 the chair asks for unanimous approval of the proposed agenda as shown on page twelve of his document. Nobody objects.
4. At 2023-01-18T16:06-05:00 the chair presents the following motion:
	1. “The IEEE 802 Coex SC approves 11-22/2048r0 as the minutes of its hybdrid meeting in Nov 2022”
		1. The chair asks if there is any objection to approve this motion by unanimous consent.
		2. Nobody objects.
	2. The minutes in 11-22/2048r0 are adopted by unanimous consent.
5. The chair continues from page 19 of his presentation. At 2023-01-18T16:10-05:00 an attendee provides a verbal update with respect to page 26.
	1. Comment: ETSI TC BRAN received HASTAC comments on EN 303 687. There are editorial comments and comments that apply to other ETSI TCs and TBs, too. These issues are denoted horizontal issues. Hopefully, it will be possible to develop resolutions that will satisfy the European Commission (EC).
	2. Comment: Where there any comments that had implications on coexistence?
	3. Comment: No.
6. At 2023-01-18T16:13-05:00 the chair continues presenting from page 27 of 11-22/2136r3. At 2023-01-18T16:16-05:00 attendees comment on page 28:
	1. Comment: This Client-to-Client (C2C) communication is relevant for LPI (Low Power Indoor) operation only. With Very Low Power (VLP) operation, C2C does not matter because VLP inherently allows for C2C operation.
	2. Comment: You are correct.
7. At 2023-01-18T16:17-05:00 the chair continues from page 30. At 2023-01-18T16:22-05:00 the chair arrives on page 36. At 2023-01-18T16:23-05:00 Menzo Wentink presents 11-23/115r0. At 2023-01-18T16:32-05:00 Menzo concludes his presentation. Attendees discuss the presentation.
	1. Comment: At ETSI, discussions focused on 20 MHz for many years. During the development of the compromise, it was highlighted that determining the Energy Detection Threshold based on Power Spectral Density (PSD) is a solution that might be better than determining EDT based on absolute power.
8. At 2023-01-18T16:33-05:00 David Boldy presents 11-23/126r0. At 2023-01-18T16:46-05:00 David concludes his presentation. Attendees discuss the presentation.
	1. Comment: Is the 36 months guaranteed?
	2. Comment: This requires that a related request to the EC would be granted.
	3. Comment: The commenter is correct.
	4. Comment: Yes, the person is correct.
9. At 2023-01-18T16:49-05:00 the chair continues from page 37 of his presentation 11-22/2136r3. At 2023-01-18T16:53-05:00 the chair arrives on page 45. At 2023-01-18T16:54-05:00 Vijitha Weerackody presents 11-23/52r1. At 2023-01-18T17:16-05:00 Vijitha concludes his presentation. Attendees discuss the presentation.
	1. Comment: Previously it was asserted that the risk of SL-U is low.
	2. Comment: It all depends on the channel access mechanism. There are lot of applications especially in the V2X scenario.
10. At 2023-01-18T17:19-05:00 the chair continues presenting from page 46 of his document 11-22/2136r3.
11. At 2023-01-18T17:23-05:00 an attendee presents a verbal update regarding activities at the Bluetooth Special Interest Group (BT SIG).
	1. Comment: Currently, BT SIG discusses how to best enable coexistence. This could be performed in the IEEE 802.11 Coexistence SC or it could happen in another group. The BT SIG just started. The BT SIG formed a high band sub-group. Until this group has something to talk about, we have time to plan for organizing the work on coexistence.
	2. Comment: I looked at your slide deck. It mentions that C2C is not allowed. Is BT envisaging to operate C2C in 6 GHz?
	3. Comment: We certainly don’t want to be connected to an AP. Currently, FCC requires one side to be an AP. We can bring this to the FCC, explaining them how important C2C is for BT and Wi-Fi.
12. At 2023-01-18T17:27-05:00 the chair continues presenting from page 55 of his document.
	1. Comment: I would like to thank the chair for his service. I appreciate the work that he did. My plans regading for a new chair is put out a call and appoint another chair. People asked me about moving everything to IEEE 802.19. IEEE 802.19 does address coexistence with the activities and technologies outside of IEEE 802. Our past interaction with 3GPP is an example of external contact.
	2. Comment: For C2C, in 6 GHz band there are two options. There is the VLP and LPI option. In the US, none of them are an option. The VLP mode does not require an association with an AP. For LPI, there is a proposal to not require association with an AP.
13. At 2023-01-18T17:32-05:00 the chair declares the meeting of the SC adjourned.