IEEE P802.11
Wireless LANs

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| Minutes of the September 2022 meeting of the IEEE 802.11 Coexistence Standing committee |
| Date: 2022-10-01 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Guido R. Hiertz | Ericsson GmbH | Ericsson Allee 152134 HerzogenrathGermany | +49-2407-575-5575 | hiertz@ieee.org |

Abstract

This document contains the minutes of the September 2022 meeting of the IEEE 802.11 Coexistence Standing committee.

Meeting location: Hilton Waikoloa Village, Waikoloa Village, Hawaii, USA

1. At 2022-09-14T16:00-10:00 the chair calls the meeting of the IEEE 802.11 Coexistence Standing Committee (SC) to order. Andrew Myles acts as chair of the SC. In the meeting room, the chair of the IEEE 802.11 Working Group, Dorothy Stanley, shares her screen to operate the teleconferencing system. Guido R. Hiertz acts as secretary of the SC.
2. The chair presents 11-22/1305r1. The chair reviews slides one to ten of his document reminding all attendees of the rules that apply.
3. At 2022-09-14T16:03-10:00 the chair presents the proposed agenda contained on page 12. The chair asks for unanimous approval of the proposed agenda. Nobody objects. The chair continues from page 13.
4. At 2022-09-14T16:04-10:00 the chair presents the following motion (as contained on page 17 of the chair’s set of slides):
	1. “The IEEE 802 Coex SC approves 11-22-1310-00 as the minutes of its virtual meeting in July 2022”
		1. The chair asks for unanimous approval of document 11-22/1310r0.
		2. Nobody objects. The minutes of the previous meeting are approved
5. At 2022-09-14T16:05-10:00 the chair continues from page 18 of his document 11-22/1305r1. At 2022-09-14T16:25-10:00 the chair arrives on page 46. An attendee comments.
	1. Comment: I don’t have any data or measurements to add. As the chair has shown, the number of LAA deployments has not increased. I am expecting that our industry does not expect too much trouble.
6. At 2022-09-14T16:26-10:00 the chair continues from page 47. A meeting attendee comments:
	1. Comment: I am kind of confused. We don’t know how this will evolve. Are there any technologies for coexistence that could be evaluated?
7. At 2022-09-14T16:28-10:00 the chair continues from page 48. At 2022-09-14T16:31-10:00 an attendee comments:
	1. Comment: Maybe the data is right in front of us. There is no NR-U. The answer is here. This tells you the global number of operators that have LAA in use. Given the absence of data about deployments of NR-U, it’s clear. Otherwise, we would hear about NR-U deployments. We may keep looking for something, but there might not be anything. Their main focus is deploying 5G. That is their bread and butter. Our focus needs to continue to be on lowering the cost of Wi-Fi, improving its performance, teach people how to use it to offload data to Wi-Fi. Let’s continue to look for data. Other than that, we should set this aside.
	2. Comment: I want to have an active decision.
8. At 2022-09-14T16:35-10:00 the chair continues from page 50. At 2022-09-14T16:48-10:00 a meeting attendee comments on page 66:
	1. Comment: I recommend to ask if there is any appetite to revisit the compromise.
	2. Comment: I tend to agree.
9. At 2022-09-14T16:49-10:00 the chair continues from page 67 of his document. At 2022-09-14T16:54-10:00 an attendee comments on page 76 of 11-22/1305r1:
	1. Comment: The Bluetooth (BT) SIG looks at another band, too. 6 GHz makes most sense, however. The final goal is to collaborate.
	2. Comment: When the IEEE 802.11 Coexistence SC was founded it was looking at the coexistence between IEEE 802.11 and non-802 technologies. The coexistence within IEEE 802 is discussed at IEEE 802.19, however. Why does the IEEE 802.11 Coexistence SC consider the potential issues listed here?
	3. Comment: You are correct. When the group was formed, the focus was on 3GPP technologies. Now, there is an overlap with the UWB industry.
	4. Comment: The BT SIG is totally independent of IEEE 802. IEEE 802.15.4ab, however, belongs to IEEE 802 and thus, is within the scope of IEEE 802.19, of course.
	5. Comment: Let’s separate the groups and their roles. LAA, NR-U, LTE-U, and Bluetooth are clearly within the scope of this group. The issue with IEEE 802.15.4ab came up recently. For the moment, we need to understand more what the topic is. Is there any issue? If work needs to be done, then we’ll do the work in IEEE 802.19. There isn’t knowledge or consensus yet that there is a need. IEEE 802.15.4ab is just getting started.
	6. Comment: It probably doesn’t matter where IEEE 802.15.4ab and IEEE 802.11 work together.
	7. Comment: There is a difference between what the IEEE 802.15.4ab states and what is in the market. How do you want to go about with that?
	8. Comment: I expect the experts to explain the market and the standard. Currently, we are gathering information if we have a problem.
	9. Comment: You are referring to simulations?
	10. Comment: There is value to understand this further.
10. At 2022-09-14T17:02-10:00 the chair continues from page 75 of 11-22/1305r1. At 2022-09-14T17:07-10:00 an attendee comments on page 81.
	1. Comment: I intend to bring a presentation for the November meeting. The presentation will relate to coexistence between BT and Wi-Fi in the 6 GHz band.
	2. Comment: This way of thinking, as shown on slide 81, the real problem. The only focus, which we should think about, is how to operate effectively and efficiently. I propose to get rid of slide 81. This is license-exempt spectrum. Our job is to make Wi-Fi as good as possible. This thinking is bad, and it is causing problems.
	3. Comment: In a legal sense, Wi-Fi has no priority.
	4. Comment: This slide reminds us to think about the economic value. What is the economic value of Wi-Fi for a country? This is how I interpret this slide. It doesn’t make sense to allow a new technology coming into the band to have the same relevance.
11. At 2022-09-14T17:11-10:00 an attendee comments on slide 85 of 11-22/1305r1.
	1. Comment: We are talking with the radar guys.
12. At 2022-09-14T17:14-10:00, the chair declares the meeting adjourned.