IEEE P802.11  
Wireless LANs

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| Minutes of the IEEE 802 JTC1 Standing Committee mixed-mode meeting in November 2024 | | |
| Date: 20241112 | | |
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Abstract

Minutes of IEEE 802 JTC1 Standing Committee session during the IEEE 802 wireless interim session held in mixed mode in November 2024.

# Minutes of the IEEE 802 JTC1 SC meeting on Tuesday, 12 November 2024

### Order

* Peter Yee, the JTC1 SC chair, called the meeting to order at 4:02 p.m. PST.

### Registration

* Registration is required at this meeting.

### Agenda

* The SC agenda is found in [ec-24/0229r04](https://mentor.ieee.org/802-ec/dcn/24/ec-24-0229-04-JTC1-agenda-for-november-2024-mixed-mode.pptx). The agenda was accepted by unanimous consent and without modification.
* The SC chair showed the meeting procedure and patent slides and did the call for patents. There was no response to the call for patents. The copyright slides were also displayed.
* Everyone was reminded to log attendance in IMAT.

### Minutes

* The minutes ([ec-24/0217r00](https://mentor.ieee.org/802-ec/dcn/24/ec-24-0217-00-JTC1-minutes-of-mixed-mode-meeting-in-september-2024.docx)) of the September meeting were approved by unanimous consent.

### JTC1 Goals

* Peter summarized the history and overview of the SC. The goals were last reaffirmed in July 2024.

### Current Status

* SC6 was last informed in July 2024 of new study group in IEEE 802.3 and IEEE 802.11.
* 108 IEEE 802 standards have gone fully through the PSDO process, while 31 remain in process.
* Our iMeetCentral area is maintained by IEEE Standards Association staff, so it should be up to date.

### 802.1

* Ballot comment responses were sent to SC 6 in August 2024 for IEEE 802f and IEEE 802.1Q-Rev.
* Still waiting for publication of IEEE 802.1DC, then it can be sent for adoption under the PSDO process.
* IEEE 802.1 reviewed ballot comments on IEEE Std 802.1Qdj-2024, IEEE Std 802.1Qcz-2023, and IEEE Std 802.1AEdk-2023 – and prepared responses.
* Motions that IEEE 802.1 is undertaking include:
  + Send draft to SC 6 for information (when SA ballot starts): IEEE 802.1DP
  + Send standard(s) for adoption (after publication): IEEE 802.1Qdy, IEEE 802-REVc

### 802.3

* IEEE 802.3 has completed its 60-day pre-ballot, with the FDIS ballot yet to be initiated.

### 802.11

* IEEE 802.11 standards processing in JTC 1/SC 6 remains on hold and the WG is not submitting any additional standards into the process due to IPR issues. (See document 6N18159 for details, available by request of the SC chair.)
* Andrew Myles (self) gave his thoughts ([11-24/1721r01](https://mentor.ieee.org/802.11/dcn/24/11-24-1721-01-0jtc-resolving-the-802-11ax-approval-blockage-in-iso.pptx)) on resolving the IEEE 802.11ax approval blockage in ISO. In the presentation, he proposes a mechanism to restart the approval of 802.11ax as in ISO/IEC/IEEE standard. The fundamental problem is that IEEE standards are not recognized around the world as international. Myles described the history and process that got us to the point where IEEE standards are sent to SC 6 for publication by an accepted international SDO. IEEE 802.11 standards are currently held up in SC 6 due to 6 companies not having filed suitable Letters of Assurance with the ISO Central Secretariat under the ISO patent policy. He had planned to suggest an approach for IEEE 802 to take the initiative to persuade the 6 companies with negative LoAs to submit declarations to ISO… but he may not be allowed to do so by IEEE SA. A draft of his suggested letter is [here](https://mentor.ieee.org/802.11/dcn/24/11-24-1722-02-0jtc-proposed-letter-to-11ax-patent-holders.docx). Myles was contacted recently by IEEE SA staff and legal counsel and told it is unacceptable for the proposed letter to be sent by IEEE 802. He would like to urge IEEE 802 to try to do something to get things moving forward, suggesting formally asking the IEEE Board of Governors to do something.
* Discussion:
* Q: What has the BOG been doing to resolve this issue?
* A: There’s nothing written or “official” from the BOG.
* C: So, it would be helpful to request something official from the BOG.
* Q: This presentation is just focused on .11ax; but other standards are in the queue that may have fewer LoAs. Why?
* A: Started with .11ax because it was the first to run into IPR issues. All have the same problem to deal with.
* James Gilb (General Atomics ASI, IEEE 802 LMSC chair) reviewed the calendar/schedule for the BOG. He took an action item to ask what they are doing.
* Andrew showed his proposed letter. (see link above)
* C: Suggest targeting the February BOG meeting; wordsmith the letter and then maybe BOG could send revised letter?
* Friday – request the BOG to update the status. James is ok to do this.
* Q: Are BOG meetings are minuted?
* C: To fill in background information, look at doc [ec-22/47](https://mentor.ieee.org/802-ec/dcn/22/ec-22-0047-00-00EC-ieee-sa-response-to-iso-iec-jtc1-on-802-11ax-05nov2021.pdf), written by the IEEE SA president to ISO concerning this topic. At that time, there were only 3 companies with negative LoAs; 3 more were identified after publication.
* Q: Would it be feasible for National Bodies to send a letter similar to what Andrew has written?
* A: I think NBs should be upset that ISO is not following their own rules.
* Peter took an action item to work up a letter to send to the BOG to request a status update to provide more clarity.

### 802.15

* Dorothy Stanley (HPE) has [discovered](https://standards.ieee.org/wp-content/uploads/import/governance/patcom/xls-files/ieee-802.12-802.15.13.xlsx) that there are negative LoAs against IEEE 802.15.13. This standard has been shared with SC 6 for information, but the balloting process has not been started and would now seem to be in the same pickle as IEEE 802.11 standards.
* The only other IEEE 802.15 standard that has negative LoAs is IEEE 802.15.6.

### 802.19

* IEEE 802.19.1 is for Wireless Network Coexistence Methods. A motion to send for information was approved, despite there being a negative LoA on file with IEEE. It was agreed to send for information and see what happens.

### 802.21

* There’s nothing in the pipeline for IEEE 802.21.

### 802.22

* There’s nothing in the pipeline for IEEE 802.22.

### SC 6

* Other on-going work in SC 6 includes communication security for drone formation flying shows and discussion of post-quantum cryptography. The latter is mostly handled by JTC 3.
* The next SC 6 plenary meeting will be held in London in June 2025.
  + This will be first plenary run by Dr. Shingak Kang as the new SC 6 chair.
  + Peter Yee will prepare the usual IEEE 802 status summary for the upcoming meeting.

### Other business

* Jodi Haasz (IEEE-SA staff) pointed out that there’s a new process for appointment of IEEE experts to SC 6. Such experts are designated as a standards committee external liaison coordinator ([Clause 7.1.6](https://standards.ieee.org/about/policies/opman/sect7/) of the IEEE SA Standards Board Operations Manual describes the responsibilities). The 802 LMSC must also approve a motion authorizing participation in JTC 1/SC 6 meetings by coordinators on its behalf.

### Action Items

* Highlighted above.

### Adjournment

* There being no other business before the committee, the meeting adjourned at 5:22 p.m. PST.