IEEE P802.11
Wireless LANs

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| Minutes of the IEEE 802 JTC1 Standing Committeemixed-mode meeting in May 2024 |
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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 May 2024.

# Minutes of the IEEE 802 JTC1 SC meetingon Tuesday, 14 May 2024

### Order

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

### Agenda

* The SC agenda is found in [11-24/0594r04](https://mentor.ieee.org/802.11/dcn/24/11-24-0594-04-0jtc-agenda-for-may-2024-mixed-mode.pptx). The agenda was accepted by unanimous consent and without modification.
* The SC chair showed the meeting slides and did the call for patents. There was no response to the call for patents.
* Everyone was reminded to log attendance in IMAT.

### Minutes

* The minutes ([11-24/0593r00](https://mentor.ieee.org/802.11/dcn/24/11-24-0593-00-0jtc-minutes-of-mixed-mode-meeting-in-march-2024.docx)) of the March meeting were approved by unanimous consent.

### JTC1 Goals

* Peter summarized the history and overview of the SC.

### Current Status

* There are 50 standards going through the process, for some definition of “going through”.
* Last time we notified SC 6 about new projects in IEEE 802 was from July 2023, so an update is likely needed.
* Our iMeetCentral area is maintained by IEEE Standards Association staff, so it should be up to date.

### 802.1

* IEEE 802.1Qcz and IEEE 802.1AEdk have FDIS ballots that are open, closing 25 September 2024.
* IEEE 802.1ASdr was submitted to SC 6 on March 6. The CIB (60-day pre-ballot) is open and closes 27 May 2024.
* IEEE 802.1CS/Cor1 was approved by RevCom in February; it was published by IEEE and sent to SC 6 in late April. As a corrigendum, there is only 1 90-day DCOR ballot – that ballot is open; it closes 7 August 2024.
* IEEE 802.1CB-2019 is out for systematic review, closing 3 June 2024
* Jodi Haasz (IEEE Staff) explained the rationale to hold amendments from ballot when the base standard is in the balloting process: we don’t want to send an amendment that a national body (NB) may object to because that might give a NB a reason to vote NO on the base standard. Overall, it’s more straightforward to sequence base standards and their amendments so that they do not overlap. She also commented that as part of the ISO process, there is communication from IEEE and also noted that IEEE supplies the file(s) to ISO for the FDIS after the CIB is completed.
* James Gilb (IEEE 802 LMSC chair) raised the question of whether this is something that should be an IEEE 802-wide policy? That is, should the IEEE 802 JTC1 SC gate/coordinate the submission of the drafts/standards rather than the individual WGs? It was suggested/agreed to inform the WG chairs that will need to coordinate through the IEEE 802 JTC1 SC (Peter action item to craft something to WG chairs). And the WG chairs will need to work with IEEE SA staff, of course.
* Responses to ballot comments on IEEE 802f have been received. There was 1 comment from the China NB with a ‘yes’ vote: they strongly suggested that IEEE use OIDs to unify the management of the resources. Karen Randall (Randall Consuting) will prepare a response which is expected to be similar to an older response (from 2019) to comment(s) on IEEE 802c. It planned to have the IEEE 802 response reviewed/sent from the July plenary.
* Ballot comment responses for IEEE 802.1Qcw and IEEE 802.1Qcj were sent in March, however the FDIS ballots for these standards will wait to start after the FDIS ballot for IEEE 802.1Q-2022 closes (4 July 2024). (See the above item about sequencing of baselines and amendments.)
* IEEE 802-REVc is anticipated to start its SA ballot during or after the interim meeting this week and the appropriate draft will be sent for information (motion approved November 2023 Plenary).

### 802.3

* IEEE 802.3 Rev passed CIB on 17 April. The vote was 7/1/11. Comments were received from the China NB. Peter summarized the comments on security mechanisms, negative LOA, etc. David Law has drafted a proposed response to the comments for IEEE 802.3. IEEE 802.3 will review the comments and, assuming necessary approvals are received, they will then be sent to SC 6.

### 802.11

* IEEE 802.11 standards remain stuck in the IPR issues that were first noted as applying to IEEE 802.11ax, IEEE 802.11ay, and IEEE 802.11ba more than two yearago. Until those are resolved, no further IEEE 802.11 specifications are expected to be able to progress through the PSDO process.
* Several newer IEEE 802.11 specifications are awaiting submission into the PSDO process, but they remain gated by the IPR issues.
* In response to a query whether new IPR statements have been requested under ITU policy, it was noted that IEEE and ISO have separate policies – and ISO policy must be followed for SC 6. The ISO Central Secretariat (CS) asked for new IPR statements. The status of these things is usually communicated through IEEE Staff by the ISO CS, but it’s not clear that this always happens without some prodding by IEEE Staff. During the previous SC 6 plenary (December 2023), there was discussion of document SC6 N18159, Revised ISO update on patent declarations and IEEE adoptions – December 2023. It contains a status table of docs submitted in 2023. It was noted that no documents from IEEE 802.11 are listed – but the IEEE 802.11 documents were submitted before 2023. IEEE Staff was requested to ask politely what the current status is – to request negative LOAs and what response(s) are under ISO/IEC. This should be a staff-to-staff line of inquiry. Jodi Haasz will reach out to the ISO CS, but she doe not expect to hear anything other than what has been recorded. She will also confirm the statement in SC6 N18159.
* The document also the phrase “license to publish”, which seems to be odd terminology. That makes the problem sound more like a copyright one rather than a patent one. Staff are requested to get clarification of that point.

### 802.15

* IEEE 802.15.4-2020 is in an FDIS ballot, closing 4 July 2024.
* IEEE 802.15.9 could also start its FDIS ballot as CIB Comment response were submitted.
* On a related topic, it was noted that IEEE 2857 (WiSUN). This standard, while not an IEEE 802 specificaiton does reference IEEE 802.1X. Its ballot received the same comments that IEEE 802 standards that reference IEEE 802.1X do. Comment responses were developed and submitted consistent with the text that IEEE 802 has been using.

### 802.19

* There’s nothing in the pipeline for IEEE 802.19.

### 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

* SC6/WG1 had a virtual meeting earlier in May. There were a couple of items of interest:
1. PWI report on APGAN – Automotive Proving Ground Area Network. The encryption section discusses the use of WAPI, and weaknesses of WEP. It was noted that WAPI is not an international standard. Other items of interest – stealthy attacks and defense technical requirements using MAC layer security. 100% participation from China.
2. PWI – Drone Formation Flying Show Communication security requirements. They are coordinating with JTC 1/AG 19. Drones = small devices. The security of communications is on the inter-drone links and command channels. IEEE is also looking at this in P1937.15. Participation in the PWI work is primarily from the China NB or China and Hong Kong. There is a request submitted to ISO CS that is asking for consideration to reduce the number of designated NB experts needed for PWI/NWI approval.
3. Wearable Suit Area Networks. Body sensors, microphones, etc. It defines its own MAC and PHY. The Japan NB voted against because IEEE 802.15.6 is similar.
* The next SC 6 plenary meeting will take place 7-11 October 2024 in Stockholm, Sweden. The IEEE 802 Status Report will be due in September. Peter Yee will prepare this (and request EC to task him to complete it).
* SC 6/AG 4 is the group in SC6 dealing with MCS (Modulation and Coding Schemes). There were some deficiencies noted in the AG 4 gap analysis regarding IEEE 802 specifications. During the January meeting, it was decided that IEEE 802 participants (Peter Yee and George Zimmerman) withdraw from the effort, since we do not want to give the mistaken impression that IEEE 802 supports this activity. That withdrawal has now taken place.
* The JTC1 SC chair can appoint IEEE 802 experts to SC 6. Peter will trim the participant list at some point because there are a number of people on the list who no longer participate in IEEE 802 and (we assume) would have no interest

### Other business

* Jodi Haasz pointed out that right now, all JTC1 SC agendas are under IEEE 802.11 on the mentor document server. She commented that new participants in IEEE 802 would not know where to find the agendas and other documents. James Gilb decided that he will create a new area for JTC1 SC documents under the EC rather than IEEE 802.11. [This action item has been completed and these minutes are published in the new area.]

### Action Items

* Highlighted above.

### Adjournment

* There being no other business before the committee, the meeting adjourned at 5:03 p.m. CEST.