IEEE P802.11  
Wireless LANs

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| Minutes of the IEEE 802 JTC1 Standing Committee mixed-mode meeting in July 2025 | | |
| Date: 20250729 | | |
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Abstract

Minutes of IEEE 802 JTC1 Standing Committee session during the IEEE 802 plenary session held in mixed mode in July 2025.

# Minutes of the IEEE 802 JTC1 SC meeting on Tuesday, 29 July 2025

### Order

* Peter Yee, the JTC1 SC chair, called the meeting to order at 5:01 p.m. CEST.

### Registration

* It is the LMSC Chair’s ruling that registration is not required at any meetings of the JTC1 SC, be they held as part of a plenary session or a wireless interim session.

### Agenda

* The SC agenda is found in [ec-25/0126r00](https://mentor.ieee.org/802-ec/dcn/25/ec-25-0126-00-JTC1-agenda-for-july-2025-mixed-mode.pptx). The agenda was accepted by unanimous consent and without modification on a motion moved by Joseph Levy (InterDigital) and seconded by Dan Harkins (HPE).
* 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-25/0109r00](https://mentor.ieee.org/802-ec/dcn/25/ec-25-0109-00-JTC1-minutes-of-mixed-mode-meeting-in-may-2025.docx)) of the May meeting were approved by unanimous consent.

### JTC1 SC Goals

* Peter summarized the history and overview of the SC. The goals were last reaffirmed in July 2024 but will be again reaffirmed during the LMSC’s closing plenary on Friday. This is supposed to be an annual process.

### Current Status

* SC 6 was last informed in July 2025 of new study group in IEEE 802.3 and IEEE 802.11. Future notifications should include interest groups in IEEE 802.15 as those can also be task group forming entities.
* 111 IEEE 802 standards have gone fully through the PSDO process, while 29 remain in process.
* Our [iMeetCentral](https://ieee-sa.imeetcentral.com/802psdo/) area is maintained by IEEE Standards Association staff, so it should be up to date.

### 802.1

* The systematic review of IEEE Std 802.1AR closed close 4 June and the SR of IEEE Std 802.1AE is now open.
* The FDIS ballots for IEEE Std 802.1DC and IEEE Std 802.1Qdj are open, closing in August. We are waiting for the FDIS ballots for IEEE Std 802.1Qdx, IEEE Std 802.1ASdm and IEEE Std 802.1ASdn to open (still).
* The 60-day pre-ballots for IEEE Std 802 and IEEE Std 802.1Qdy closed on 8 June. IEEE 802.1 WG has proposed ballot comment responses for review during this meeting. The China NB comment on IEEE Std 802.1Qdy was the usual comment on perceived security issues with IEEE Std 802.1X; the proposed response uses the “usual” response text for this comment.
* The comment on IEEE Std 802 received (also China NB) related to the “use OID to unify the management of the resources” – this comment was similar to comments received on IEEE Std 802c and IEEE Std 802f; the comment response leveraged the prior responses. Karen pointed out that since this comment is not limited in scope to IEEE 802.1 security, it may have an impact in the larger IEEE 802 standards area.
* IEEE Std 802.1DG was sent SC 6 for adoption and the 60-day pre-ballot is open and closes 20 September 2025.
* Karen also commented that these are expected motions from this meeting:
  + Approve liaison sending drafts to SC 6 for information, when SA ballot starts:   
    P802.1AS-Rev, P802.1ASed, P802.1CB/Cor1
  + Approve liaison sending to SC 6 for adoption, when published:   
    IEEE Std 802.1DP, IEEE Std 802.1AXdz

### 802.3

* IEEE 802.3 progress is on hold, waiting for it FDIS ballot (still… since June 2024).
* Discussion about the length of time that this has taken. It is an extremely large document; yet over a year seems a bit excessive for “editing”.
* Dorothy Stanley wants to know who exactly is editing?
* For IEEE 802.3, there is at least a parallel path in ITU. The hope is for approval there soon. This is expected by the end of the week. [Update: it has been approved.]

### 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.

### 802.15

* IEEE 802.15 has 6 standards in process. Peter reviewed status of all of the 802.15 WG documents that are in process.
* IEEE 802.15.13 had a ballot that was opened then cancelled on 21 July 2025. We don’t believe the IPR rightsholders with IEEE were contacted regard LoAs under the ISO patent policy. If so, that does not seem like ISO has gone through their own procedure.
* It’s also possible that the ISO procedure is being followed after an initial misstep, so the status of IEEE 802.15.3 will be re-evaluated in November.
* Phil Beecher suggested that maybe we could ask the holders of negative LoAs (under the IEEE policy) contact ISO and offer assurances under their policy.

### 802.19

* Submitted in February for information.
* The standard was submitted on 12 May for adoption. It suffered the same sequence of events seen with IEEE 802.15.13.
* Dorothy Stanley suggested giving the process more time. Give ISO counterparts some time to check on IPR/LoA. Expect that they will do what they are supposed to do.

ACTION ITEM: note this is on hold to follow up in November. May also ping rights holders?

### Process for Interaction with ISO/IEC JTC 1/SC 6

* IEEE SA staff have been working on an update to [11-15/1287r02](https://mentor.ieee.org/802.11/dcn/15/11-15-1287-02-0jtc-ieee-802-process-for-interactions-with-iso-iec-jtc-1-sc-6-7.pptx).
* The purpose of the update is to make the language used more precise, to align with the current IEEE SA Standards Board Operations Manual (subclause 6.1.3.4, a paraphrase of which might be useful in the 11-15/1287r02 revision), to clarify the processes used, and to supply modern sample motions for submissions for information, adoption, and ballot comments responses.
* Peter has a few more changes that IEEE SA will need to review, after which the updated version will be posted, probably to the 802 LMSC area of mentor since it’s really an 802-wide set of procedures.

### Letter to the IEEE SA President

* The letter sent to the IEEE SA President regarding the IPR impasse with JTC 1/SC 6 is stored in the private area of the LMSC document server. (See the March minutes for a summary of the letter.)
* James Gilb presented a communication sent in response to the letter (but not by the IEEE SA President). It’s essentially a non-response.
* Dorothy noted that the non-response merely references an email from Jodi (IEEE Staff) in February that simply points out that the PSDO agreement is in effect to send IEEE standards to ISO for adoption. That’s not really helpful as we have been doing just that.
* As for the ISO process, it’s not clear what happens if there’s no response to an ISO request for an LoA.
* Gilb said the salient points in his letter have not been addressed.

### SC 6

* The last SC 6 plenary meeting was held in London in June 2025.
* The next SC 6 plenary is scheduled for April 2026 in Seoul and should be similar to the London meeting.

### Projects of Interest

* Peter reviewed some items from the London meeting that may be of interest to IEEE 802 participants:
  + IEEE COM/AerCom is working on UAS communication security, similarly to what’s being done in SC 6.
  + There’s an updated 1st study report on PWI 25506 (“Drone Formation Flight Show Communication Security Requirement”)
  + A PWI on “Charging Communication Interface Protocols on Autonomous Moving Machine” is being considered.
  + A study report on PWI-24979 (HTS-FC), “High-precision Time Synchronization Protocol For Fibre Channel Network” is available.
  + There’s interest in look at “Guidelines for designing Communication Security Protocols in  
    the context of Migration to Post Quantum cryptography”.
  + A second study report on PWI-24981, “UAS Protection from Stealth Cyber Attacks” is available.
  + AG 4 Convenor's reported on the SC 27 Cancellation of PWI 6109 in the context of trying to relax the 5 counties’ expert requirement for new work.
  + The scope for the proposal on “Wireless In-order Transmission Specification for Immobile Edge Devices” has been updated.

### Other Business

* There was none.

### Action Items

* As highlighted above in yellow.

### Adjournment

* There being no other business before the committee, the meeting adjourned at 6:06 p.m. CEST.