IEEE P802.11 Wireless LANs

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| PAR Minutes – March 2025 |
| Date: 2024-03-13 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Michael Montemurro | Huawei | Toronto, ON, CANADA |  | montemurro.michael@gmail.com  |

Abstract

This document contains the minutes of the PAR Standing Committee for the March 2025 session.

# Monday March 10, 13:30-15:30

### Jon Rosdahl, Qualcomm – Chair

### Michael Montemurro, Huawei Technologies Co., Ltd – Vice-Chair

Attendance: 15

1. Meeting called to order at 13:31
2. Review of IEEE-SA participation guidelines and policies and procedures.
3. We will provide comments on the PARs submitted for the March 2025 plenary.
	* Agenda Review – approved as document <https://mentor.ieee.org/802.11/dcn/25/11-25-0246-00-0PAR-par-review-sc-mtg-agenda-and-comment-slides-2025-atlanta.pptx>

Result: **Unanimous. Approved.**

1. Motion to approve minutes from November PAR SC meetings:

MOTION: **Move to approve the minutes from November in document 11-24/1815r0:** [**https://mentor.ieee.org/802.11/dcn/24/11-24-1815-00-0PAR-minutes-november-2024-session.docx**](https://mentor.ieee.org/802.11/dcn/24/11-24-1815-00-0PAR-minutes-november-2024-session.docx)

Mover: Michael Montemurro

Second: Guido Hiertz

Result: **Unanimous.** **Approved.**

1. PAR and CSD comments are captured in document 11-25/246r1
* P802.3dp - Amendment - Cabling Restrictions for Single Pair Power over Ethernet (SPoE), [PAR](https://mentor.ieee.org/802-ec/dcn/25/ec-25-0020-00-LMSC-draft-ieee-p802-3dp-par.pdf) and [CSD](https://mentor.ieee.org/802-ec/dcn/25/ec-25-0021-00-LMSC-draft-ieee-p802-3dp-csd.pdf)
	+ PAR:

5.2b: Discussed multiple suggestions for addressing the comment which include: Delete the parenthetical;Change “in cabling (e.g. cabling with a current capacity of less than 2A per container)” to “in cabling with a current capacity of less than 2A per container”; or make the previous change deleting “less than”

5.2b: Start the section with a full sentence: “This amendment defines requirements ….”

5.5: Change “ supports 0.75 A per conductor” with “supports 0.75 A per conductor which does not meet requirements for the IEEE 802.3 plug and play interoperability”

5.5: Change “needs to address that” to “needs to address the insufficiency of current carrying capacity …”

5.5: Propose re-wording first two paragraph as:

5.5:“ Suggested text Replacement:
The IEEE 802.3 Working Group (WG) needs to address the insufficiency of the current carrying capacity of certain cabling installed and proposed for SPoE applications.
The IEEE 802.3 WG became aware that ISO/IEC JTC 1/SC 25/WG 3 is drafting standards and technical reports ec-25-0020-00-LMSC (e.g. ISO/IEC 11801-1/AMD1 and ISO/IEC TR 11801-9911) that support the use and reuse of balanced multipair cabling systems in one pair applications, resulting in a standards-imposed restriction of 0.75 A per conductor. Additionally, they are defining a 23 American Wire Gauge (AWG) single-pair channel that only supports 0.75 A per conductor which is insufficient for the IEEE 802.3 ‘plug-and-play’ interoperability mode

8.1: Add the referring clause number.

* + CSD:

Discussion on distinct Identity response vs economic feasibility response style.

No comments

* P802.1AS - Standard - timing and Synchronization for Time-Sensitive Applications - Revision to IEEE Standard 802.1AS-2020, [PAR](https://www.ieee802.org/1/files/public/docs2025/as-draft-PAR-0125-v01.pdf)
	+ PAR:

5.2 Scope: Change “use of IEEE 1588(TM) specifications where” to “use of IEEE 1588(TM) where”

5.3 Suggest changing response to “ No” if  802.1AS-2020/Cor1 and amendment IEEE Std 802.1ASdr are completed.  If they are not, then it would be better to remove the last sentence “Depending on their progress to approval, other amendments and corrigenda in progress may also be included.”  The last sentence does not give a definitive explanation of the dependency.  Adding other amendments or corrigenda that get identified after the PAR may be included but are not a “dependency”.

8.1 consider adding the referenced clause number (per instructions, “Clause number; explanation”)

* P802.15 - Standard  for Low Rate Wireless Networks - Corrigendum to IEEE Standard 802.15.4-2024, [PAR](https://mentor.ieee.org/802.15/dcn/25/15-25-0054-01-0mag-par-for-802-15-4-2024-corrigendum-1.pdf)
	+ PAR:

Why is this not a revision PAR to incorporate the changes in <https://mentor.ieee.org/802.15/dcn/24/15-24-0635-01-0mag-responses-to-comments-from-ieee-editors.docx>

It’s not clear why the corrigendum PAR would include had a need: “ this project is needed to incorporate accumulated maintenance changes and corrigenda (editorial and technical) into the standard”. Wouldn’t it be better to do this as part of a revision PAR?

Definition of Corrigendum: A document that only contains technical corrections to an existing IEEE standard.

Definition of a Revision: A document that updates or replaces an existing standard in its entirety.

* + - * + This document will be posted as 11-25/246r1

Recess at 14:45 until Thursday March 13.

# Thursday March 13, 10:30-12:30

### Jon Rosdahl, Qualcomm – Chair

### Michael Montemurro, Huawei Technologies Co., Ltd – Vice-Chair

Attendance: 12

1. Meeting called to order at 10:30
	* Agenda Review – approved as document <https://mentor.ieee.org/802.11/dcn/25/11-25-0246-01-0PAR-par-review-sc-mtg-agenda-and-comment-slides-2025-atlanta.pptx>

Result: **Unanimous. Approved.**

1. PAR and CSD comments and responses are captured in doc 11-25/246r2
* P802.3dp - Amendment - Cabling Restrictions for Single Pair Power over Ethernet (SPoE), [PAR](https://mentor.ieee.org/802-ec/dcn/25/ec-25-0020-00-LMSC-draft-ieee-p802-3dp-par.pdf) and [CSD](https://mentor.ieee.org/802-ec/dcn/25/ec-25-0021-00-LMSC-draft-ieee-p802-3dp-csd.pdf)
	+ PAR:

5.2b: In the responses, the change to “This project will specify ….” – needs to be in present tense.

5.2b: Respond to the updated PAR to indicate that the Scope needs to start with “This project specifies…”

* + CSD:

None.

* P802.1AS - Standard - timing and Synchronization for Time-Sensitive Applications - Revision to IEEE Standard 802.1AS-2020, [PAR](https://www.ieee802.org/1/files/public/docs2025/as-draft-PAR-0125-v01.pdf)
	+ PAR:

Accepted all comments

* P802.15 - Standard  for Low Rate Wireless Networks - Corrigendum to IEEE Standard 802.15.4-2024, [PAR](https://mentor.ieee.org/802.15/dcn/25/15-25-0054-01-0mag-par-for-802-15-4-2024-corrigendum-1.pdf)
	+ PAR:

Updated the Corrigendum PAR to include the changes to be considered for the project in section 8.

* + Review summary in Final Report to 802.11
* A summary for the 802.11 PAR review report is captured on slide 28 of document <https://mentor.ieee.org/802.11/dcn/25/11-25-0246-02-0PAR-par-review-sc-mtg-agenda-and-comment-slides-2025-atlanta.pptx>
* ACTION: Chair to clean-up the report to be more presentable.
1. Approval of PAR Review SC report

**MOTION:**

**Move to accept the report contained in** [[**https://mentor.ieee.org/802.11/dcn/25/11-25-0246-02-0PAR-par-review-sc-mtg-agenda-and-comment-slides-2025-atlanta.pptx**](https://mentor.ieee.org/802.11/dcn/25/11-25-0246-00-0PAR-par-review-sc-mtg-agenda-and-comment-slides-2025-atlanta.pptx)](https://mentor.ieee.org/802.11/dcn/24/11-24-1896-02-0PAR-par-review-sc-mtg-agenda-and-comment-slides-2024-november-vancouver.pptx) **as the report from PAR Review SC for the March 2025 Mixed-Mode 802 Plenary in Atlanta.**

**Moved: Mark Emmelmann**

**2nd: Dan Harkins**

**Result: Unanimous. Motion Passes.**

1. Adjourn at 11:01