Unconfirmed Meeting Minutes: IEEE P802.3 PLCA Enhancement Study Group Electronic Ad Hoc

October 22, 2026
Electronic Ad Hoc Meeting

Prepared by Dolly (Zhu, Yue)

IEEE P802.3 EPLCA Ad Hoc meeting convened at **10:07 AM** EDT, Thursday, October 22, 2026, by Natalie Wienckowski, Chair for the ad hoc, Chair Pro Tem of the Study Group. **All times are in EDT.**

Attendance is listed in Appendix A

Presentation: agenda_eplca_01a_102226.pdf
Presenter: Natalie Wienckowski, ad hoc Chair.

(NOTE – the presentation "agenda_eplca_01a_102226.pdf" or updates will be referred to as "the agenda deck" in these minutes.)

Approval of Agenda: The Chair asked whether there were any comments, additions, or corrections to the agenda, and there were none. The Chair announced that the agenda was approved. (**10:09 AM**)

The Chair continued review of the agenda presentation.

The Chair noted that there should be no recording or photography without permission.

The Chair asked if anyone was attending from the press including those who would run a public blog on this meeting – there were no indications from the group. **(10:10 AM)**

The Chair then continued review of the presentation, reviewing decorum, goals for the meeting, information for the reflector and web, and ground rules.

Attendance: The Chair advised the group that attendance would be taken from the Webex log. The Chair then reminded attendees that they should show their employer & affiliation, and instructed how to set these to make them correct. Assistance was offered in case anyone could not rename themselves. **(10:13 AM)**

The Chair reviewed the IEEE structure and provided references to bylaws and rules. She then reviewed guidelines for IEEE SA Meetings and instructions for Chairs of standards development activities.

Other IEEE Policies
The Chair reviewed the slides on the IEEE SA copyright, Participant behavior (ethics), IEEE individual participation, fair and equitable consideration policies, decorum, and the IEEE ethics reporting line. **(10:16 AM)**. There were no questions.

The Chair reviewed where the group was in the IEEE process.

The Chair went over the details for the study group on slide 26 of the agenda deck.

The Chair then turned to the proposed presentations for the meeting, on slide 27 of the agenda deck.
(10:19 AM)

PRESENTATIONS

The Chair then moved to the presentations for the meeting.

(10:21 AM)
Title/URL: Enhanced PLCA (EPLCA) –Technical Feasibility Study For Predictable Max Latency – Study3
Presenter: Arvind Subramaniam [Synopsis]
Discussion: The presenter discussed EPLCA Feasibility Study-3 for predictable max latency, including removing 4B/5B encoding from the data payload at the PCS layer while preserving special packets and frame boundaries, setting realistic EPLCA latency expectations, and the PLCA/CSMA-CD interoperable limitation.
Questions were asked and answered.
A participant asked if the presenter was proposing to change the MAC data rate to 12.5 Mb/s. The presenter answered in the affirmative.
Ms. Wienckowski stated that changes considering changes to the MAC data rate were beyond the scope of the CFI and the Study Group's charter.

(10:46 AM)
Title/URL: Scheduled Access with Fixed-Duration Cycles for Enhanced PLCA
Presenter: Mohamed Elattar [Huawei]
Discussion: The presenter discussed a proposed Enhanced PLCA enhancement using fixed-duration access cycles with a scheduled access phase (predetermined scheduled TOs) followed by a dynamic access phase (activity-based dynamic TOs that may span multiple cycles).
Questions were asked and answered.

(11:12 AM)
Title/URL: Draft Objectives Contribution
Presenter: Yong Kim [General Motors]
Discussion: The presenter discussed objectives of EPLCA Study Group. Mr. Kim captured some input during the discussion and will share the updated objectives with the Chair, who will assist with uploading them.
Questions were asked and answered.
Participants emphasized that objectives need precise wording understandable to all 802 members.

FUTURE MEETINGS

The Chair announced that the next scheduled hybrid meeting is during the 802.3 Plenary in Bangkok, Thailand during the week of November 9-12, in-person with remote access.
A registration fee is required. Meeting time for EPLCA Study Group is scheduled on Wednesday AM.
Information may be found at https://www.ieee802.org/3/calendar.html.
The Chair announced that anyone interested in hosting an interim meeting should contact the Chair or the IEEE 802.3 Executive Secretary, Chad Jones.

Having exhausted the agenda, the meeting was adjourned at **11:56 AM** EDT.
Appendix A: Attendees at the IEEE P802.3 PLCA Enhancement Study Group Electronic Ad Hoc Meeting, October 22, 2026

First Name	Last Name	Affiliation
Arvind	Subramaniam	Synopsys

Ben	Mecklenburg	Huawei
Bernie	St-Denis	NXP
Bob	Chou	Realtek
David	Lou	Huawei
Dongjae	Lee	NEWRACOM
Frank	Wang	Realtek
George	Zimmerman	CME Consulting/ADI, Cisco, Eliyan, Infineon, OnSemi, Sony
Johannes	Specht	JSpecht Consulting
Junhyek	Jang	KETI
Leo	Chen	Realtek
Max	Turner	Ethernovia
Mohamed	Elattar	Huawei
Natalie	Wienckowski	GM, Ethernovia, Robert Bosch
Pusik	Park	KETI
Randi	Tang	Infineon
Steve	Carlson	Retired/unaffiliated
Tim	Baggett	Microchip
Yong	Kim	GM
Yue (Dolly)	Zhu	yinwang, subsidiary of Huawei
DoKyun	Kim	LGE
Inaki	Val	MaxLinear