

Approved Meeting Minutes: IEEE 802.3 Pin-Optimized PHY Interface (POPI) Study  
Group  
February 20, 2025  
Telephonic Interim

Prepared by George Zimmerman

IEEE 802.3 Pin-Optimized PHY Interface (POPI) Study Group meeting convened at 10:05AM CST, Thursday, February 20, 2025, by Jason Potterf, IEEE 802.3 POPI Study Group Chair

Attendance is listed in Appendix A

Mr. Potterf reminded the group of the IEEE SA individual participation policy, and front matter and asked if everyone had reviewed the materials as was requested in the meeting announcement. There were affirmative responses, and no questions.

**Presentation:** [POPI Agenda 2025-02-20 v01.pdf](#)

**Presenter:** Jason Potterf, Chair.

The Chair reviewed the agenda. Mr. Potterf turned to the presentation and reviewed the agenda. Mr. Potterf asked if there were any modifications to the agenda, none responded, and he noted that he considered the agenda approved.

The Chair then resumed the review of [POPI Agenda 2025-02-20 v01.pdf](#) :

- Mr. Potterf noted that there should be no recording or photography without permission.
- Mr. Potterf asked if anyone was attending from the press including those who would run a public blog on this meeting – none responded.

Mr. Potterf then continued review of the presentation, the objective of the meeting is to continue to progress the PAR and CSD responses and to request rechartering of the study group.

Mr. Potterf continued review of the presentation including access to the reflector and website, and ground rules.

Mr. Potterf reviewed the IEEE Structure and where to find the governing (IEEE-SA and below) rules and procedures documents.,

**IEEE Patent Policy**, Mr. Potterf showed the patent policy for study groups from [POPI Agenda 2025-02-20 v01.pdf](#), page entitled “Guidelines for IEEE-SA Meetings”.

Mr. Potterf showed the IEEE-SA Copyright policy, Participant Behavior, Individual Process, and “Fair and Equitable Consideration” slides in the agenda deck. There were no questions.

Mr. Potterf reviewed the standards development process for IEEE and where this study group is in the process.

Mr. Potterf reviewed the role of the Study Group and reminded the group of the goals of the Study Group.

Mr. Potterf reviewed the WG motion from the November plenary meeting of the 802.3 WG to establish the Study Group.

### **LIAISONS**

The Chair moved to liaisons and noted that there were no liaisons for the Study Group at this time.

### **CONFIRMATION OF MINUTES:**

The Chair asked if there were any additions or corrections to the posted minutes from 20 January 2025, 6 February 2025, and 13 February 2025.

January 2025 Interim Meeting:

[https://www.ieee802.org/3/POPI/public/2025-01/POPI\\_Minutes\\_DRAFT\\_2025-01-20.pdf](https://www.ieee802.org/3/POPI/public/2025-01/POPI_Minutes_DRAFT_2025-01-20.pdf)

February 6 AdHoc:

[https://www.ieee802.org/3/POPI/public/2025-02-06/POPI\\_Minutes\\_DRAFT\\_2025-02-06\\_v03.pdf](https://www.ieee802.org/3/POPI/public/2025-02-06/POPI_Minutes_DRAFT_2025-02-06_v03.pdf)

February 13 AdHoc:

[https://www.ieee802.org/3/POPI/public/2025-02-13/POPI\\_Minutes\\_DRAFT\\_2025-02-13\\_v01.pdf](https://www.ieee802.org/3/POPI/public/2025-02-13/POPI_Minutes_DRAFT_2025-02-13_v01.pdf)

There were none, and **the minutes were confirmed without objection.**

### **ATTENDANCE:**

Mr. Potterf advised the group of the IEEE meeting attendance tool and procedures.

### **(REQUEST FOR) RECHARTERING OF THE STUDY GROUP:**

Mr. Potterf then asked if there was a motion to recharter the study group, since the Working Group (and LMSC) would need to consider that rechartering at the upcoming plenary session.

### **MOTION #1:**

Move to request that the IEEE 802.3 Working Group approve the first rechartering of the Pin-Optimized PHY Interface Study Group.

M: Valerie Maguire

S: Chad Jones

Procedural (>50%)

**Motion approved by unanimous consent.**

The chair discussed that communication with the 802.3 Working Group Chair was ongoing to close the action items from the next meeting. Key issues were:

- Does the project need to be limited in scope to less than 1 Gb/s data rates?
- Can we explore greater than 1 Gb/s data rates with some small amount of extra work?

## **PRESENTATIONS**

The Chair then moved to the presentations for the meeting.

**Title:** Draft PAR (IEEE P802.3dq)

**URLs:**

[https://www.ieee802.org/3/POPI/public/2025-02-13/POPI\\_DRAFT\\_PAR\\_2025-02-13\\_v04.pdf](https://www.ieee802.org/3/POPI/public/2025-02-13/POPI_DRAFT_PAR_2025-02-13_v04.pdf)

**Presenter:** Jason Potterf, Cisco Systems

**Discussion:** Discussion around details on the responses to the PAR, showing edits suggested by the Working Group chair since the last meeting. There was discussion about ways in which the problem might be technically solved and participants were asked to think about how those might relate to the PAR scope as well as technical feasibility (and the other CSD responses).

**Meeting schedule,** Mr. Potterf indicated that the next few weeks would overlap with other groups, so the group would not be meeting. The next meeting would be announced on the reflector, but is expected after the March Plenary (March 10-14).

The Chair indicated that the agenda had been exhausted and time had been exhausted, and adjourned the meeting at 10:22 AM CST.

*Appendix A: Attendees at the IEEE 802.3 Pin-Optimized PHY Interface (POPI) Study Group Meeting, February 20, 2025. (Taken from Webex)*

<b>Name</b>	<b>Affiliation</b>	<b>Employer</b>
Brian Murray	Analog Devices	Analog Devices
Chad Jones	Cisco	Cisco
George Zimmerman	CME Consulting/ADI, APL Gp, Cisco, Marvell, OnSemi, SenTekSe, Sony	CME Consulting
Gian Marco Bo	Canova Tech	Canova Tech
Jason Potterf	Cisco	Cisco
Michal Brychta	Analog Devices	Analog Devices
Peter Jones	Cisco	Cisco
Pierluigi Dito	Canova Tech	Canova Tech
Valerie Maguire	Copperopolis, aff'l w/ CME Consulting and Cisco	Copperopolis