

Approved Meeting Minutes: IEEE 802.3 Pin-Optimized PHY Interface (POPI) Study Group

February 6, 2025

Electronic AdHoc Held via WebEx

Prepared by George Zimmerman

IEEE 802.3 Pin-Optimized PHY Interface (POPI) Study Group meeting convened at 10:05AM CST, Thursday, February 6, 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 2025-02-06 v03.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 presentation [POPI Agenda 2025-02-06 v03.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, Big Ticket items for this meeting, to develop PAR, 5 Criteria, and Objectives for POPI.

Mr. Potterf reviewed the goals for the meeting, access to the reflector and website, and ground rules.

Mr. Potterf reviewed the meeting materials.

### **LIAISONS**

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

**Attendance**, Mr. Potterf advised the group of the meeting attendance methods and procedures for AdHocs.

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.

**Meeting schedule**, Mr. Potterf indicated that POPI meetings would be held via teleconference on Thursdays at 11:00 Eastern Time US. Meetings are scheduled to occur weekly for three weeks, with this meeting being the first of those three.

**IEEE Patent Policy**, Mr. Potterf showed the patent policy for study groups from [POPI Agenda 2025-02-06 v03.pdf](https://www.ieee802.org/3/POPI/public/2025-02-06_v03.pdf), page entitled "Guidelines for IEEE-SA Meetings".

## **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/2025-01/POPI\\_DRAFT\\_PAR\\_2025-01-20\\_v02.pdf](https://www.ieee802.org/3/POPI/public/2025-01/POPI_DRAFT_PAR_2025-01-20_v02.pdf)

**Presenter:** Jason Potterf, Cisco Systems

**Discussion:** Discussion around details on the responses to the PAR. Suggested edits were made, resulting in

[https://www.ieee802.org/3/POPI/public/2025-02/POPI\\_DRAFT\\_PAR\\_2025-02-05\\_v03.pdf](https://www.ieee802.org/3/POPI/public/2025-02/POPI_DRAFT_PAR_2025-02-05_v03.pdf)

During the discussion, the relationship between the MII as an interface and the functions of the reconciliation sublayer, e.g., PLCA, came up, prompting some questions that needed offline review to resolve the PAR scope.

**AI:** Mr. Potterf took an action item to discuss the issue of PLCA and implications on the PAR scope with Mr. Law.

**Title:** Draft CSD responses

**URLs:**

[https://www.ieee802.org/3/POPI/public/2025-01/POPI\\_DRAFT\\_CSD\\_2025-01-20\\_v02.pdf](https://www.ieee802.org/3/POPI/public/2025-01/POPI_DRAFT_CSD_2025-01-20_v02.pdf)

**Presenter:** Jason Potterf, Cisco Systems

**Discussion:** Discussion around details on the responses to the PAR. Suggested edits were made, resulting in

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**Title:** Draft Objectives

**URLs:**

[https://www.ieee802.org/3/POPI/public/2025-01/POPI\\_DRAFT\\_Objectives\\_2025-01-20\\_v02.pdf](https://www.ieee802.org/3/POPI/public/2025-01/POPI_DRAFT_Objectives_2025-01-20_v02.pdf)

**Presenter:** Jason Potterf, Cisco Systems

**Discussion:** Mr. Potterf reviewed the draft objectives and reiterated his call for individuals wishing to propose an objective to use the reflector and/or offer a presentation to the group. He then entertained discussion on the Basic Objectives in the file.

During discussion, edits were made, resulting in

[https://www.ieee802.org/3/POPI/public/2025-02/POPI\\_DRAFT\\_Objectives\\_2025-02-05\\_v03.pdf](https://www.ieee802.org/3/POPI/public/2025-02/POPI_DRAFT_Objectives_2025-02-05_v03.pdf)

### **FUTURE MEETINGS**

Mr. Potterf indicated that the group would continue meeting online and would not be meeting at the 802 plenary in March 2025 in Atlanta, GA, USA.

The Chair indicated that the agenda had been exhausted and time had been exhausted, and adjourned the meeting at 11:31AM CST..

*Appendix A: Attendees at the IEEE 802.3 Pin-Optimized PHY Interface (POPI) Study Group Meeting, February 6, 2025. (Taken from Webex)*

<b>Name</b>	<b>Affiliation</b>	<b>Employer</b>
Antonio Orzelli	Canova Tech	Canova Tech
Brian Mowad	Cisco	Cisco
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
Jacobo Riesco	ADI	ADI
Jason Potterf	Cisco	Cisco
Luisma Torres	KDPOF	KDPOF
Michal Brychta	Analog Devices	Analog Devices
Pierluigi Dito	Canova Tech	Canova Tech
Thorsten Hoffleit	Renesas	Renesas
Valerie Maguire	Copperopolis, aff'l w/ CME Consulting and Cisco	Copperopolis
Alessandro Ingrassia	Canova Tech	Canova Tech