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

January 20, 2025
Phoenix, AZ, USA

Prepared by Jon Lewis

IEEE 802.3 Pin-Optimized PHY Interface (POPI) Study Group meeting convened at 1:20 PM MST, Monday, January 20, 2025, by David Law, IEEE 802.3 Ethernet Working Group Chair.

Attendance is listed in Appendix A

ADMINISTRATIVE MATTERS
Mr. Law explained that the Working Group chair appoints the study group Chair, and the study group would confirm the appointment. Mr. Law then reminded the group that he had announced his intention to appoint Jason Potterf Study Group Chair at the November Closing Plenary, and he then appointed Jason Potterf Study Group Chair.

Mr. Law appointed Jon Lewis as recording secretary for this session.

Motion #1:   Confirm Jason Potterf as the IEEE 802.3 Pin-Optimized PHY Interface (POPI) Study Group Chair.
M: George Zimmerman   S: Bob Voss
MOTION PASSES WITHOUT OBJECTION

Mr. Law turned the meeting over to Study Group Chair Jason Potterf.

Presentation: POPI_Agenda_2025-01-20_v01.pdf
Presenter: Jason Potterf, Chair.

The Chair reviewed the agenda. Mr. Potterf turned to presentation POPI_Agenda_2025-01-20_v01.pdf and reviewed the schedule of presentations for the meeting. 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_2025-01-20_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, 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.

IEEE Patent Policy, Mr. Potterf read aloud the patent policy for study groups from POPI_Agenda_2025-01-20_v01.pdf, page entitled "Guidelines for IEEE-SA Meetings".

Mr. Potterf reviewed the IEEE-SA copyright policy slide.

Mr. Potterf reviewed the IEEE-SA participation behavior policy slide..

Mr. Potterf reviewed the IEEE-SA participation policy slides on "individual process". Mr. Potterf asked if anyone objected to the individual process and if so to leave the meeting. There were no participants that left the meeting.

Mr. Potterf reviewed the IEEE-SA dominance policy slide.

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.

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

PRESENTATIONS
The Chair then moved to the presentations for the meeting.

Title: Draft Objectives, CSD and PAR
URLs:
https://www.ieee802.org/3/POPI/public/2025-01/POPI_DRAFT_Objectives_2025-01-20_v01.pdf
https://www.ieee802.org/3/POPI/public/2025-01/POPI_DRAFT_CSD_2025-01-20_v01.pdf
https://www.ieee802.org/3/POPI/public/2025-01/POPI_DRAFT_PAR_2025-01-20_v01.pdf

Presenter: Jason Potterf, Cisco Systems

Discussion: Discussion around details on the responses to the PAR and CSDs. Due to time limitations, Mr. Potterf noted that the next meeting of POPI would start with the Objectives. Mr. Potterf showed his first draft of potential objectives for the group to discuss.

Mr. Potterf indicated that some POPI meetings would be held via teleconference at 11:00 Eastern Time US. Meetings are proposed to be bi-weekly. It was noted that POPI and P802.3dm would need to avoid schedule overlap.

FUTURE MEETINGS
Mr. Potterf reviewed future meetings from the agenda presentation and announced the next meeting would be announced on the POPI reflector and that there would likely be a single session at the 10 March 2025 in Atlanta, GA, USA.

The Chair indicated that the agenda had been exhausted and asked the group if there was other business, none responded.

Mr. Potterf adjourned the meeting at 15:12 PM MST.

Appendix A: Attendees at the IEEE 802.3 Pin-Optimized PHY Interface (POPI) Study Group Meeting, January 20, 2025

Name	Affiliation	Employer	IMAT	WebEx	In Person
Ahuja, Ramanjit	ON Semiconductor	ON Semiconductor	X	X	
Baggett, Tim	Microchip Technology, Inc.	Microchip Technology, Inc.	X	X	X
Beauregard, Francois	Belden	Belden Canada ULC	X	X	X
Boyer, Rich	Aptiv Signal and Power Solutions	Aptiv - Signal and Power Solutions	X	X	X
Brandt, David	Rockwell Automation	Rockwell Automation	X	X	
Brillhart, Theodore	Fluke Corporation	Fluke Corporation	X		X
Brychta, Michal	Analog Devices Inc.	Analog Devices Inc.	X	X	
Chini, Ahmad	Broadcom Corporation	Broadcom Corporation			X
Eiichiro,Oishi	Yazaki Corporation	Yazaki			X
Fellhauer, Felix	Robert Bosch GmbH	Robert Bosch GmbH	X	X	
Goel, Sachin	Aviva Links Inc	Aviva Links Inc	X	X	
Graber, Steffen	Pepperl+Fuchs SE	Pepperl+Fuchs SE	X	X	
Houck, TJ	Marvell	Marvell Semiconductor, Inc.	X		X
Hu, Mark	Aptiv		X	X	
HYAKUTAKE, YASUHIRO	Orbray Co., Ltd.	Orbray Co., Ltd.	X	X	
Jones, Chad	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X
Jones, Peter	Cisco Systems, Inc.	Cisco Systems, Inc.	X		X
Jonsson, Ragnar	Marvell	Marvell Semiconductor, Inc.	X	X	X
Kapoor, Samay	Aviva Links	Aviva Links		X	
Kiessling, Marcel	Beckhoff Automation	Beckhoff Automation	X	X	
Kikuta, Tomohiro	Orbray Co., Ltd.	Orbray Co., Ltd.	X	X	
Kim, Yong	GM				
Kock, Joerg	NXP Semiconductors	NXP Semiconductors	X	X	
Lackner, Hans	QoSCom GmbH	QoSCom GmbH	X	X	
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise	X		X
Lewis, Jon	Dell Technologies	Dell Technologies	X		X
Lo, William	Axonne Inc.	Axonne Inc.	X	X	X
Lou, Wei	Broadcom Corporation		X	X	
Maguire, Valerie	Copperopolis, affiliated with CME Consulting and Cisco	Copperopolis	X		X
Mark, Simon	Wurth Electronik Group	Wurth Electronik Group	X	X	
Matheus, Kirsten	BMW Group	BMW Group	X	X	
Mowad, Brian	Cisco Systems, Inc.	Cisco Systems, Inc.		X	
Murray, Brian	Analog Devices Inc.	Analog Devices Inc.		X	
Ng, Hiok Tiaq	Aviva Links Inc; Aviva Links Inc.	Aviva Links Inc.	X	X	
Oishi, Eiichiro	Yazaki Corporation		X		
Pischl, Neven	Broadcom Corporation	Broadcom Corporation	X	X	
Potterf, Jason	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	

Name	Affiliation	Employer	IMAT	WebEx	In Person
Razavi, Alireza	Marvell	Marvell	X	X	
Schreiner, Stephan	Rosenberger	Rosenberger Hochfrequenztechnik GmbH & Co. KG	X	X	
Sharma, Rohit	Molex Incorporated		X	X	X
sisk, jason	University of New Hampshire InterOperability Laboratory (UNH-IOL)	University of New Hampshire InterOperability Laboratory (UNH-IOL)	X	X	X
Stencel, Leonard	TDK Corporation of America		X		X
Stewart, Heath	Analog Devices Inc.	Analog Devices Inc.	X		
TAZEBAY, MEHMET	Broadcom Corporation	Broadcom Corporation	X	X	X
Torres, Luisma	Knowledge Development for Plastic Optical Fiber	Knowledge Development for Plastic Optical Fiber	X	X	X
Voss, Robert	Panduit Corp.	Panduit Corp.	X		X
Wang, Shun-Sheng	Realtek Semiconductor Corp.	Realtek Semiconductor Corp.	X	X	
Wienckowski, Natalie	IVN Solutions LLC; Ethernovia	IVN Solutions LLC	X	X	
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.	X	X	
YASUKAWA, MASAKI	NEC Magnus Communications, Ltd.	NEC Magnus Communications, Ltd.	X	X	
Zerna, Conrad	Aviva Links Inc	Aviva Links Inc	X	X	
Zhang, Tingting	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	
Zimmerman, George	CME Consulting/Analog Devices, APL Group, Cisco, Marvell, OnSemi, SenTekSe LLC, Sony	CME Consulting, Inc.	X	X	X