

Unconfirmed Meeting Minutes: IEEE P802.3cy Greater than 10 Gb/s Electrical
Automotive Ethernet Task Force
May 17 and 24, 2022
Telephonic

Prepared by Jon Lewis and Natalie Wienckowski

IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet Task Force meeting convened at 10:01 AM (US EST), Tuesday May 17, 2022 by Steve Carlson, Task Force Chair.

Attendance is listed in Appendices A & B

Administrative Matters

Steve Carlson displayed the agenda in
https://www.ieee802.org/3/cy/public/may22/agenda_3cy_01b_0522.pdf.

The Task Force Chair noted that introductions would be skipped.

Steve Carlson reviewed the agenda in
https://www.ieee802.org/3/cy/public/may22/agenda_3cy_01b_0522.pdf.
Mr. Carlson asked if there were any modifications to the agenda, none responded.

**Motion #1: Move to approve the agenda as shown in
https://www.ieee802.org/3/cy/public/may22/agenda_3cy_01b_0522.pdf**

M: Natalie Wienckowski

S: Haysam Kadry

Motion Passed by unanimous consent (Procedural > 50%)

Motion #2: Move to approve the minutes from the March plenary meeting, April interim teleconference and ad hoc meetings since March.

https://www.ieee802.org/3/cy/public/apr22/Unconfirmed_minutes_3cy_041222.pdf

https://www.ieee802.org/3/cy/public/mar22/Unconfirmed_minutes_3cy_0322.pdf

M: Natalie Wienckowski

S: Ragnar Jonsson

Motion Passed by unanimous consent (Procedural > 50%)

Mr. Carlson reviewed Task Force decorum and asked if anyone from the press was present, none responded.

Mr. Carlson reviewed the Task Force organization, the goals for the meeting, access to the reflector and website, and ground rules for the meeting.

Attendance, Mr. Carlson noted that the attendance for this meeting was being recorded in IMAT and noted the session code for today.

Mr. Carlson reviewed the instructions for Direct Vote Live and noted that the URL was the same for each meeting.

IEEE Patent Policy, at **10:16 AM**, Mr. Carlson asked if any participant had not seen the patent policy slides (agenda slides 13-17), none responded. Mr. Carlson made the call for potentially essential patents at **10:16 AM**, and none responded.

Mr. Carlson asked if anyone had not heard and needed to hear the IEEE-SA copyright policy. None responded. He showed the IEEE-SA copyright slides (agenda slides 18-20).

Mr. Carlson asked if anyone had not heard and needed to hear the IEEE-SA participation behavior policy. None responded. He showed the IEEE-SA participation behavior slide, (agenda slide 21).

Mr. Carlson asked if anyone had not heard and needed to hear the IEEE-SA participation policy on “individual process”. None responded. He showed the IEEE-SA participation slides on “individual process”, (agenda slides 22-23).

The Chair reviewed the IEEE 802.3 Standards process and where the Task Force was in the process and the process by which we will develop the standard.

Liaisons: None

The Chair shared the location of the Action Items for the Task Force, AKA the To – Do List, which will be reviewed and updated during the meeting. (agenda slide 30)

Mr. Carlson showed the Task Force documentation (agenda slides 31-33)

Mr. Carlson showed the Task Force virtual meetings slides from the agenda and suggested that participants review if they needed a refresher (agenda slides 34-36).

PRESENTATIONS:

Mr. Carlson noted that this meeting was focused on comment resolution and technical presentations would be during next week’s meeting.

Comment resolution commenced:

The Chief Editor started comment resolution.

Motion #3: Move to accept all proposed “bucket” resolutions.

M: Natalie Wienckowski

S: George Zimmerman

Motion Passes by unanimous consent

Motion #4 Move to instruct the Editor to create D1.2 for Task Force review from D1.1, closed comments and accepted baselines, with editorial license to implement.

M: Natalie Wienckowski

S: George Zimmerman

Technical >= 75%

Motion Passes by unanimous consent

Comment resolution concluded

Title: Text Proposal for EEE Quiet Signaling

URL:

https://www.ieee802.org/3/cy/public/may22/jonsson_zimmerman_majomard_3cy_01a_05_17_22.pdf

Presenter: Ragnar Jonsson, Marvell

Title: P802.3cy To Do List

URL: <https://ieee802.org/3/cy/todo/index.html>

Presenter: Natalie Wienckowski, GM

The to-do list was reviewed and updated. Please see the latest list on the website.

The Chair reviewed the July plenary meeting information including the non-payment of registration fees (agenda slides 40-46).

Mr. Carlson noted that future meetings are on the 802.3 calendar:

<https://www.ieee802.org/3/calendar.html>

Meeting recessed at 11:49 EDT until Tuesday, May 24, 2022, at 10:00 EDT

Meeting resumed at 10:00 EDT on Tuesday, May 24, 2002.

Steve Carlson displayed the agenda in

https://www.ieee802.org/3/cy/public/may22/agenda_3cy_01b_0522.pdf.

The Task Force Chair noted that introductions would be skipped.

Steve Carlson reviewed the agenda in

https://www.ieee802.org/3/cy/public/may22/agenda_3cy_01b_0522.pdf.

Mr. Carlson noted that the agenda was approved during the last session, none responded. Mr. Carlson then asked if there were any business not currently on the agenda, none responded.

Mr. Carlson reviewed Task Force decorum and asked if anyone from the press was present, none responded.

Mr. Carlson reviewed the Task Force organization, the goals for the meeting, access to the reflector and website, and ground rules for the meeting.

Attendance, Mr. Carlson noted that the attendance for this meeting was being recorded in IMAT and noted the session code for today.

Mr. Carlson reviewed the instructions for Direct Vote Live and noted that the URL was the same for each meeting.

IEEE Patent Policy, at **10:09 AM**, Mr. Carlson asked if any participant had not seen the patent policy slides (agenda slides 13-17), none responded. Mr. Carlson made the call for potentially essential patents at **10:10 AM**, and none responded.

Mr. Carlson asked if anyone had not heard and needed to hear the IEEE-SA copyright policy. None responded. He showed the IEEE-SA copyright slides (agenda slides 18-20).

Mr. Carlson asked if anyone had not heard and needed to hear the IEEE-SA participation behavior policy. None responded. He showed the IEEE-SA participation behavior slide, (agenda slide 21).

Mr. Carlson asked if anyone had not heard and needed to hear the IEEE-SA participation policy on "individual process". None responded. He showed the IEEE-SA participation slides on "individual process", (agenda slides 22-23).

The Chair reviewed the IEEE 802.3 Standards process and where the Task Force was in the process and the process by which we will develop the standard.

Liaisons: None

The Chair shared the location of the Action Items for the Task Force, AKA the To – Do List, which will be reviewed and updated during the meeting. (agenda slide 30)

Mr. Carlson showed the Task Force documentation (agenda slides 31-33)

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PRESENTATIONS:

Title: EEE LPI Signaling

URL: https://www.ieee802.org/3/cy/public/may22/jonsson_etal_3cy_01a_05_24_22.pdf

Presenter: Ragnar Jonsson, Marvell

Mr. Zimmerman gave an update on his presentation in the 19 May, 2022 NEA meeting on PHY Lane Bonding.

Title: P802.3cy D1.2 Open Points

URL: https://www.ieee802.org/3/cy/public/may22/wienckowski_3cy_01_05_24_22.pdf

Presenter: Natalie Wienckowski, GM

Discussion went through all the open items in D1.2 and the group volunteered to resolve those open items to drive the draft towards technical completeness.

Ms. Wienckowski noted that this presentation would replace our normal review of the to-do list and reminded the group that the to-do list is located on the webpage.

URL: <https://ieee802.org/3/cy/todo/index.html>

The Chair noted that the agenda had been completed and asked if there was any further business. None responded.

Mr. Carlson noted that the agenda had been exhausted and adjourned the meeting

The Meeting was adjourned at 11:03 AM US EST on May 24, 2022

Appendix A: Attendees at the IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet Task Force, May 17, 2022.

Name	Employer	Affiliation
Akin, Sami	Volkswagen AG	Volkswagen Ag
Boyer, Rich	Aptiv - Signal and Power Solutions	Aptiv Signal and Power Solutions
Carlson, Steven	High-Speed Design Inc.	HSD, Robert Bosch GmbH, Ethernovia
Carty, Clark	Cisco Systems, Inc.	Cisco Systems, Inc.
Cuesta, Emilio	TE Connectivity	TE Connectivity
Feyh, German	Broadcom Corporation	Broadcom Corporation
Goralka, Chris		FIT
Graba, James	Broadcom Corporation	Broadcom Corporation
Grow, Robert	RMG Consulting	RMG Consulting, KDPOF
Hajduczenia, Marek	Charter Communications	Charter Communications
Hess, David	CORD DATA	Cord Data / Cord Data
Ichimaru, Toshihiro		Sumitomo Electric Industries, LTD
Jonsson, Ragnar	Marvell Semiconductor, Inc.	Marvell
Kadry, Haysam	Ford Motor Company	Ford Motor Company
KAWAHARA, KEISUKE	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
Koeppendoerfer, Erwin	LEONI Kabel GmbH	LEONI
Lewis, Jon	Dell Technologies	Dell Technologies
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Mcclellan, Brett	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Mueller, Thomas	Rosenberger	Rosenberger
NIIHARA, YOSHIHIRO	Fujikura Ltd.	Fujikura Ltd.
Pandey, Sujan	Huawei Technologies (Netherlands) B.V.	Huawei Technologies (Netherlands) B.V.
Patel, Harsh	Amphenol ICC	Amphenol Corporation
Sedarat, Hossein	Ethernovia	Ethernovia
Sun, Yi		OFS
Tu, Mike	Broadcom Corporation	Broadcom Corporation
Wienckowski, Natalie	General Motors Company	General Motors Company
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Yi, Louise	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Zimmerman, George	CME Consulting	CME Consulting/ADI, APL Group, CommScope, Cisco Systems, Marvell, and SenTekse

Appendix B: Attendees at the IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet Task Force, May 24, 2022.

Name	Employer	Affiliation
Aekins, Rob	Legrand	Legrand
Akin, Sami	Volkswagen AG	Volkswagen Ag
Aono, Michikazu	Yazaki Corporation	Yazaki Corporation
Araki, Nobuyasu	Yazaki Corporation	Yazaki Corporation
Boyer, Rich	Aptiv - Signal and Power Solutions	Aptiv Signal and Power Solutions
Carlson, Steven	High-Speed Design Inc.	HSD, Robert Bosch GmbH, Ethernovia
Carty, Clark	Cisco Systems, Inc.	Cisco Systems, Inc.
Chang, Jae-yong		Keysight Technologies
Cuesta, Emilio	TE Connectivity	TE Connectivity
Dawson, Fred	Chemours Canada Company	Chemours Canada Company
Deandrea, John	Finisar Corporation	Finisar Corporation
Fischer, Peter	BKS Kabel-Service AG	BKS Kabel-Service AG
Fritsche, Matthias	HARTING Technologie Gruppe	HARTING Electronics GmbH
Glanzner, Martin	SEI ANTech-Europe GmbH	SEI Automotive Europe GmbH
Goralka, Chris		FIT
Graba, James	Broadcom Corporation	Broadcom Corporation
Grow, Robert	RMG Consulting	RMG Consulting, KDPOF
Gubow, Martin	Keysight Technologies	Keysight Technologies
Hajduczenia, Marek	Charter Communications	Charter Communications
Hess, David	CORD DATA	Cord Data / Cord Data
Hyakudai, Toshihisa		Sony Corporation
Jones, Peter	Cisco Systems, Inc.	Cisco Systems, Inc.
Jonsson, Ragnar	Marvell Semiconductor, Inc.	Marvell
Kadry, Haysam	Ford Motor Company	Ford Motor Company
Kagami, Manabu	Nagoya Institute of Technology	Nagoya Institute of Technology (NITech)
KAWAHARA, KEISUKE	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
Koeppendoerfer, Erwin	LEONI Kabel GmbH	LEONI
Laubach, Mark	Tibit Communications, Inc.	Tibit Communications, Inc.
Lewis, Jon	Dell Technologies	Dell Technologies
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Mark, Simon		Würth Elektronik Group
Martino, Kjersti	Inneos	Inneos
McClellan, Brett	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
McMillan, Larry	Western Digital Corporation	Western Digital Corporation
Mueller, Thomas	Rosenberger	Rosenberger

Name	Employer	Affiliation
NIIHARA, YOSHIHIRO	Fujikura Ltd.	Fujikura Ltd.
Ramesh, Sridhar	MaxLinear	MAXLINEAR INC
Sedarat, Hossein	Ethernovia	Ethernovia
Shiino, Masato	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
Souvignier, Tom	Broadcom Corporation	Broadcom Corporation
Strohmeier, Heiko		Robert Bosch GmbH
Torres, Luis	Knowledge Development for Plastic Optical Fiber	Knowledge Development for Plastic Optical Fiber
Tu, Mike	Broadcom Corporation	Broadcom Corporation
Wienckowski, Natalie	General Motors Company	General Motors Company
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Yi, Louise	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Zhang, Tingting		Huawei Technologies Co., Ltd
Zimmerman, George	CME Consulting	CME Consulting/APL Group, CommScope, Cisco Systems, Marvell, and SenTekse