

Unconfirmed Meeting Minutes: IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet Task Force General Ad Hoc

March 24, 2025
Ad Hoc Meeting

Prepared by Natalie Wienckowski

IEEE P802.3dm Ad Hoc meeting convened at 10:06 AM EDT, Monday, March 24, 2025, by Jon Lewis, IEEE P802.3dm Chair.

Attendance is listed in Appendix A

Presentation: [agenda_adhoc_3dm_01_032425.pdf](#)

Presenter: Jon Lewis, Chair.

Jon Lewis noted that there should be no recording or photography without permission.

Jon Lewis 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.

Attendance, the Chair advised the group that attendance would be taken from the Zoom log and IMAT. He then reminded attendees that they should show their employer & affiliation, and how to set these to make them correct. If anyone is unable to change what is displayed for their name, they were requested to send a chat message to Jon Lewis or Natalie Wienckowski and affiliation in the chat.

Jon Lewis then continued review of the presentation, reviewing decorum, information for the reflector, private area, and ground rules.

Private Area: The credentials for the private area were shared. Please contact Jon Lewis or Natalie Wienckowski if you need these as there will not be included in the posted material.

Approval of Agenda: The chair asked whether there were additions or corrections to the agenda, and there were none. He announced that the agenda was approved.

IEEE SA Patent Policy, Jon Lewis reviewed slides 0 through 4 of the IEEE SA Patent Policy and read aloud slides 1 through 4 of patent policy for Task Forces and made the call for patents (10:12 am).

There was no response to the call for patents at 10:12 EDT am.

Other IEEE Policies

Jon Lewis read aloud the slides on the IEEE SA copyright, Participant behavior (ethics), IEEE individual participation, and fair and equitable consideration policies. (10:14 am). There were no questions.

(10:15 am)

A straw poll was submitted by Mehmet. Multiple participants asked questions to clarify the meaning of the question as there was significant confusion over the intent and meaning. The discussion lasted more than half an hour, before the Chair called the question as there were multiple presentations to be heard and the meeting was behind schedule.

Straw poll #1: Do you prefer technical decisions between duplexing methods be made by 802.3dm Task Force even if it can take longer time?

Vote started at **(10:49 am)**

Yes: 30/62

No: 18/62

Jon Lewis and Natalie Wienckowski were not eligible to vote.

Jon Lewis turned to presentation [agenda_adhoc_3dm_01_032425.pdf](#) and showed the presentation order.

PRESENTATIONS

The Chair then moved to the presentations for the meeting.

(10:53AM)

Title/URL: [Insertion Loss, Return Loss, Secondary Reflections, and ISI as it relates to 802.3dm](#)

Presenter: George Zimmerman (CME Consulting)

Discussion: The presenter presented material regarding the impact of mismatches in cable segments and connectors.

Questions were asked and answered.

The Chair had to remind some questioners that the purpose of the question time is for questions of clarification, and requested that they consider presenting their thoughts on this topic in the future.

(11:23AM)

Title/URL: [Harness Return Loss](#)

Presenter: Conrad Zerna (Aviva Links Inc.)

Discussion: The presenter discussed the RL for the link segment, comparing different proposals that have been shared.

Questions were asked and answered.

After about 5 minutes of back and forth with a single questioner, the Chair requested that the discussion be continued on the reflector.

11:39 The meeting took a short break

11:50 The meeting resumed with the next presentation, after a brief reminder to sign into IMAT.

(11:51AM)

Title/URL: [Error in MDI RL formula](#)

Presenter: Ragnar Jonsson (Marvell)

Discussion: The presenter shared a presentation that shows an error in the MDI return loss equation that was approved, and explained the correction needed.

Questions were asked and answered.

The Chief Editor will provide a file with a corrected equation and plot generated for FM.

(11:55 AM)

Title/URL: [Success factors beyond technology](#)

Presenter: Kirsten Matheus, BMW Group

Discussion: The presenter presented her thoughts and opinions on success factors for P802.3dm.

There were no questions.

(11:55 AM)

Chairs comments

The Chair thanked the presenters that deferred their presentations from the March plenary due to time restrictions in Atlanta.

There was a deferred presentation from Hossein Sedarat from the March Plenary that will be heard on April 17th, if the presenter requests this. The Chair apologized for not making it clear that presenters of deferred presentations needed to submit a request for the call when they wanted to present it.

There has been a request to split the dm meeting to meet at the beginning of the week and then again at the end to enable discussion between the days to enable discussion. (See page 23 of agenda_adhoc_3dm_01_032425.pdf)

Straw poll #2: I prefer splitting the meeting times for May.

Yes: 13/56

No: 21/56

Jon Lewis and Natalie Wienckowski were not eligible to vote.

FUTURE MEETINGS

There are Interim calls scheduled for April 17th, and May 1st.
P802.3dm will meet during the 802.3 Interim in May.

Having exhausted the agenda, the meeting was adjourned at 12:32 PM EDT.

Appendix A: Attendees at the IEEE P802.3dm Asymmetrical Electrical Automotive General Ad Hoc Meeting, March 24, 2025.

Name	Affiliation	IMAT	Zoom
Ahuja, Ramanjit	"On Semi; ON Semiconductor"	X	X
Bar-Niv, Amir	Marvell	X	X
Boyer, Rich	Aptiv	X	X
Chini, Ahmad	broadcom	X	X
Cordaro, Jay	Analog Devices	X	X
Dalmia, Kamal	Aviva links	X	X
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	X	X
Dubey, Shivesh	NxP		X
Estrakh, Daniel	Valens Semiconductor	X	X
Fellhauer, Felix	Robert Bosch GmbH	X	X
Fuller, Paul	Marvell		X
Ganesan, Aravind	Texas Instruments	X	X
Gauthier, Claude	NXP	X	X
Gerl, Markus	MD Elektronik		X
GHARBA, Ahmed	Volvo Cars	X	X
Goel, Sachin	Aviva Links Inc; Aviva Links Inc.	X	X
Graba, Jim	Broadcom		X
Gupta, Ajeya	General Motors Company	X	X
Haasz, Jodi	IEEE SA		X
Hopf, Daniel	Continental Automotive Technologies GmbH	X	X
Hoshino, Masayuki	Continental Automotive	X	X
Hu, Mark	aptiv	X	X
Hutchison, Guy	Aviva Links Inc; Aviva Links Inc.	X	X
HYAKUTAKE, YASUHIRO	Orbray Co., Ltd.	X	X
Jonsson, Ragnar	Marvell	X	X
Kamiyama, Naoto	ROHM	X	X
Kandarpa, Venkata	Aviva Links		X
Kapoor, Samay	Aviva Links	X	X
Kikuta, Tomohiro	Orbray Co., Ltd.	X	X
Klaus-Wagenbrenner, Jochen	CARIAD SE	X	X
Kleinwaechter, Mathias	in-tech	X	X
Kock, Joerg	NXP Semiconductors	X	X
Lee, Ching-Yen	Realtek Semiconductor Corp.	X	X

Lewis, Jon	Dell Technologies	X	X
Lim, Hoei	Aviva Links Inc; Aviva Links Inc.	X	X
Lin, YK	Realtek Semiconductor Corp.	X	X
Lo, William	Axonne		X
Long, Richard	TE Connectivity	X	X
Lou, Wei	Broadcom		X
Maguire, Valerie	The Siemon Company	X	X
Matheus, Kirsten	BMW	X	X
McClellan, Brett	Marvell Semiconductor, Inc.	X	X
Muma, Scott	Microchip Technology, Inc.	X	X
Murray, Brian	Analog Devices	X	X
Ng, Hiok Tiaq	Aviva Links Inc.	X	X
NIIHARA, YOSHIHIRO	Fujikura Ltd.	X	X
Oberg, Mats	Marvell	X	X
Pischl, Neven	Broadcom Corporation	X	X
Razavi, Alireza	Marvell		X
Sarmadi, Mehrnoosh	MD Elektronik		X
Sedarat, Hossein	Ethernovia	X	X
Sharma, Rohit	Molex LLC	X	X
Sisk, Jason	UNH IOL		X
Stencel, Leonard	TDK	X	X
Strohmeier, Heiko	Robert Bosch GmbH	X	X
Tanc, Ahmet	NXP Semiconductors	X	X
TAZEBAY, MEHMET	Broadcom	X	X
Tofanicchio, Giuseppe	stmicroelectronics	X	X
Torres, Luisma	KDPOF	X	X
Tu, Mike	Broadcom		X
Vakilian, Kambiz	broadcom	X	X
Wang, Shun-Sheng	realtek semiconductor corp.	X	X
Wienckowski, Natalie	In-Vehicle Networking Solutions, LLC	X	X
Wu, Peter	Marvell Semiconductor, Inc.	X	X
Zerna, Conrad	Avivalinks Inc.	X	X
Zimmerman, George	CME Consulting/Analog Devices, APL Group, Cisco, Marvell, OnSemi, SenTekSe LLC, Sony	X	X