

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

---

June 26, 2025  
Ad Hoc Meeting

Prepared by Natalie Wienckowski

IEEE P802.3dm Ad Hoc meeting convened at 07:04 AM PDT, Thursday, June 26, 2025 by George Zimmerman, ad hoc Chair

Attendance is listed in Appendix A

**Presentation:** [agenda 3dm 01 062625.pdf](#)

**Presenter:** George Zimmerman, Chair.

**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.

Mr. Zimmerman noted that there should be no recording or photography without permission.

Mr. Zimmerman 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.

Mr. Zimmerman 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 not shared. Mr. Zimmerman instructed participants to contact Mr. Lewis, P802.3dm Chair, if they needed these.

**Attendance,** the Chair advised the group that attendance would be taken from the Zoom log. 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 post their name and affiliation in the chat.

Mr. Zimmerman continued review of the presentation, reviewing IEEE Structure and links to important bylaws and rules, before coming to the patent policy and other IEEE policies.

**IEEE SA Patent Policy**, Mr. Zimmerman 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 (7:15 am).

There was no response to the call for patents at 7:17am PDT.

### **Other IEEE Policies**

Mr. Zimmerman read aloud the slides on the IEEE SA copyright, Participant behavior (ethics), IEEE individual participation, and fair and equitable consideration policies. (7:19 am). There were no questions.

Mr. Zimmerman turned to presentation [agenda\\_3dm\\_01\\_062625.pdf](#) and reviewed the presentation order for the meeting.

## **PRESENTATIONS**

The Chair then moved to the presentations for the meeting.

**(7:26 AM)**

**Title/URL:** [New condition vs aged condition Cable CX44c](#)

**Presenter:** Erwin Köppendörfer, Leoni

**Discussion:** The presenter shared test results on new and aged cable to show the potential change to the parameters over time. This testing shows no significant changes to IL or RL due to aging. CX44c cabling is good for up to 9 GHz.

**(7:53AM)**

**Title/URL:** [Relationship between TDD IBG and maximum link propagation delay](#)

**Presenter:** Ragnar Jonsson (Marvell)

**Discussion:** This presentation discusses the relationship between inter burst gap (IBG) and propagation delay with time division duplexing (TDD).

The Chair reminded participants that the Objectives are the minimum requirements for the specification. There is no restriction to exceeding these objectives.

8:06 AM Mr. Zimmerman handed the Chair to Mrs. Wienckowski

8:10 AM Mr. Zimmerman resumed the role of Chair

**(8:10AM)**

**Title/URL:** [Complexity of ACT/GMSLE Implementations](#)

**Presenter:** Ragnar Jonsson (Marvell)

**Discussion:** The presenter shared simulation results of a potential ACT/GMSLE implementation to demonstrate the low complexity of the receivers at 2.5 Gb/s for the high speed direction. There was also data shared on an actual ACT/GMSLE silicon implementation. Both the simulation and silicon show that echo cancelers are not required.

**FUTURE MEETINGS**

There is an announced electronic Interim call scheduled for July 10, 09h00-10h50 CDT. P802.3dm will meet during the 802 plenary in Madrid Spain, Tuesday PM, Wednesday all day, and Thursday AM.

Having exhausted the agenda, the meeting was adjourned at 8:51 AM PDT.

*Appendix A: Attendees at the IEEE P802.3dm Asymmetrical Electrical Automotive General Ad Hoc Meeting, June 26, 2025.*

Last Name	First Name	Affiliation
Ahuja	Ramanjit	Onsemi
Bar-Niv	Amir	Marvell
boyer	rich	Aptiv
Chimento	Nick	Analog Devices
Chini	Ahmad	Broadcom
Cimet	Eyal	Waymo
Dalmia	Kamal	Aviva Links
Estrakh	Daniel	Valens
Fuller	Paul	Marvell
Gerl	Markus	MD Elektronik
GHARBA	Ahmed	Volvo Cars
Gupta	Ajeya	GM
Houck	TJ	Marvell
Hu	Mark	Aptiv
Hyakutake	Yasuhiro	Orbray
Jonsson	Ragnar	Marvell
Kadry	Haysam	Molex
Kandarpa	Venkata	Aviva Links
Kikuta	Tomohiro	Orbray Co., Ltd.
Kim	Do Kyun	LGE
Kleinwaechter	Mathias	in-tech
Koeppendoerfer	Erwin	Leoni Kabel GmbH
Law	David	HPE
Lee	Ching-Yen	Realtek
Lewis	Jon	Dell Technologies
Lim	Hoei	Aviva Links
Lo	William	Axonne
Maguire	Valerie	Copperopolis/aff'l w CME Consulting and Cisco
McClellan	Brett	Marvell
Mueller	Thomas	Rosenberger
Ng	Tiaq	Aviva Links
Niihara	Yoshihiro	Fujikura Ltd.
Razavi	Alireza	Marvell
Santulli	Jen	IEEE SA
Sarmadi	Mehrnoosh	MD Elektronik

Sedarat	Hossein	Ethernovia
Sharma	Rohit	Molex
shirani	ramin	Ethernovia
Strohmeier	Heiko	Bosch
Sun	jingcong	motorcomm
Takeuchi	Junichi	JAE
Tazebay	Mehmet	Broadcom
Torres	Luisma	KD
Turner	Max	Ethernovia
Veloso	Gumersindo	BMW
Wang	Frank	Realtek
Wienckowski	Natalie	IVN Solutions/Ethernovia
Wu	Peter	Marvell
Zherebtsov	Aleksei	Marvell
Zimmerman	George	CME Consulting(ADI,APL Grp,CSCO,MRVL,Onsemi,Sony)