

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

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December 19, 2024  
Ad Hoc Meeting

Prepared by Natalie Wienckowski

IEEE P802.3dm Ad Hoc meeting convened at 10:06 AM EST, Wednesday, December 19, 2024, by Jason Sisk, IEEE P802.3dm General Ad Hoc Chair.

Attendance is listed in Appendix A

**Presentation:**

[https://www.ieee802.org/3/dm/public/adhoc/121924/agenda\\_adhoc\\_3dm\\_01a\\_20241219.pdf](https://www.ieee802.org/3/dm/public/adhoc/121924/agenda_adhoc_3dm_01a_20241219.pdf)

**Presenter:** Jason Sisk, Chair.

Jason Sisk turned to presentation [agenda\\_3dm\\_01a\\_20241219.pdf](#) and reviewed the agenda for the meeting.

- Jason Sisk noted that there should be no recording or photography without permission.
- Jason Sisk 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.

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

**Attendance**, the Chair advised the group that attendance would be taken from ZOOM. 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.

The Chair announced that as this meeting was an electronic Task Force ad hoc meeting, under 802.3 rules, only working group voters may vote, however, as an ad hoc, no voting was expected - only procedural votes might be taken.

Jason Sisk explained where to find the rules, and asked whether anyone had not reviewed the various policy slides linked in the agenda email. There were no responses. He therefore announced that he would show the slides and summarize.

**IEEE SA Patent Policy**, Jason Sisk 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 (10:10 am).

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

### **Other IEEE Policies**

Jason Sisk read aloud the slides on the IEEE SA copyright, Participant behavior (ethics), IEEE individual participation, and fair and equitable consideration policies. (10:13 am). There were no questions.

**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.

## **PRESENTATIONS**

The Chair then moved to the presentations for the meeting.

**(10:22AM)**

**Title & URL:** [Coax Shielding Effectiveness and Derating](#)

**Presenter:** Erwin Koepfdoerfer (Leoni)

**Discussion:** The presenter shared procedures for measuring shielding effectiveness for coax cable, as well as test results for multiple cable types. He also presented test data showing the impact of bending on the cables.

Questions were asked and answered.

**(10:52AM)**

**Title & URL:** [simDM Modulation Simulation](#)

**Presenter:** Ragnar Jonsson (Marvell)

**Discussion:** The presenter shared a simulation tool he created which can be used to evaluate different duplexing and modulation options in the presence of different noise sources.

The simulation code has been shared and can be found here: [simDM\\_V1\\_0](#).

Questions were asked and answered.

**(11:13AM)**

**Title & URL:** [simDM ACT BCI Simulation](#)

**Presenter:** Ragnar Jonsson (Marvell)

**Discussion:** The presenter shared results from his simulation tool using ACT in the presence of BCI.

The simulation code has been shared and can be found here: [simDM ACT BCI Simulation results](#).

Questions were asked and answered.

**(11:45AM)**

## **GENERAL DISCUSSION**

### **FUTURE MEETINGS**

There are no additional ad hoc meetings scheduled.

P802.3dm will meet Wednesday (1/22) afternoon, all day Thursday (1/23), and Friday (1/24) morning during the January Interim.

Having exhausted the agenda, Jason Sisk adjourned the meeting at 11:58 AM EST.

*Appendix A: Attendees at the IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet General Ad Hoc Meeting, December 19, 2024*

Last Name	First Name	Affiliation
Ahuja	Ramanjit	Onsemi
Barkeshli	Sina	Marvell
Bergner	Bert	TE Connectivity
Boyer	Rich	Aptiv
Chini	Ahmad	Broadcom
Dalmia	Kamal	Aviva Links
DiBiaso	Eric	TE Connectivity
Estrakh	Daniel	Valens
Fellhauer	Felix	Bosch
Gauthier	Claude	NXP
Gerl	Markus	MD Elektronik
Goel	Sachin	Aviva Links
Gorshe	Steve	Microchip
Houck	TJ	Marvell
Hu	Mark	Aptiv
Huhn	Bob	
Huszak	Gergely	Kone
Jonsson	Ragnar	Marvell
Kikuta	Tomohiro	Orbray Co., Ltd.
Klaus-Wagenbrenner	Jochen	CARIAD SE
Koependoerfer	Erwin	Leoni Kabel GmbH
Lewis	Jon	Dell Technologies
Lo	William	Axonne
Lou	Wei	Broadcom
McClellan	Brett	Marvell
Mokhoria	Alexander	Ford Motor Company
Neulinger	Christian	MD Elektronik
Ng	Hiok Tiaq	Aviva Links
Oberg	Mats	Marvell
Pandey	Sujan	Huawei
Penumuchu	Venkat	Marvell
Razavi	Alireza	Marvell
Sedarat	Hossein	Ethernovia
Sharma	Rohit	Molex LLC
Sisk	Jason	UNH-IOL
Sun	Jingcong	Motorcomm



