

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

August 14, 2024
Ad Hoc Meeting

Prepared by Natalie Wienckowski

IEEE P802.3dm Ad Hoc meeting convened at 10:02 AM EDT, Wednesday, August 14, 2024, by Natalie Wienckowski, IEEE P802.3dm Channel and Noise Ad Hoc Chair.

Attendance is listed in Appendix A

Presentation:

https://www.ieee802.org/3/dm/public/adhoc/081424/agenda_adhoc_3dm_01_20240814.pdf

Presenter: Natalie Wienckowski, Chair.

Natalie Wienckowski turned to presentation [agenda_3dm_01_20240814.pdf](https://www.ieee802.org/3/dm/public/adhoc/081424/agenda_adhoc_3dm_01_20240814.pdf) and reviewed the agenda for the meeting.

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

- Natalie Wienckowski noted that there should be no recording or photography without permission.
- Natalie Wienckowski 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.

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

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.

Natalie Wienckowski 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. She therefore announced that she would show the slides and summarize.

Attendance, the Chair advised the group that attendance would be taken from the Zoom log. She 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.

IEEE SA Patent Policy, Natalie Wienckowski 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 (10:08 am).

There was no response to the call for patents at 10:09 am.

Other IEEE Policies

Natalie Wienckowski read aloud the slides on the IEEE SA copyright, Participant behavior (ethics), IEEE individual participation, and fair and equitable consideration policies. (10:12 am). There were no questions.

PRESENTATIONS

The Chair then moved to the presentations for the meeting.

(10:15AM)

Title & URL: [Simulations of Coax Channel Responses](#)

Presenter: Ragnar Jonsson (Marvell)

Discussion: The presenter presented simulation data on expected coax cable parameters with different lengths based on existing specifications.

Questions were asked and answered.

(11:00AM)

Title & URL: [Compromise Insertion Loss Limit](#)

Presenter: Ragnar Jonsson (Marvell)

Discussion: The presenter presented a proposal for a coax cable IL limit line and explained his reasons for proposing it.

Questions were asked and answered.

(11:24AM)

Title & URL: [SAE J3117/3 2.5/5/10GBASE-T1 Shielded Balanced Single Pair Ethernet Cable Qualification and Validation](#)

Presenter: Rich Boyer (Aptiv)

Discussion: The presenter shared information on SAE J3117/3 which defines how to validate SDP cable for 2.5/5/10GBASE-T1. Similar methods are expected to be used for coax.

Questions were asked and answered.

FUTURE MEETINGS

The next meeting will be held on August 28 at 7 am PDT (10 am EDT, 16:00 CEST).

Please send presentation requests by August 23th at 3pm EDT. Presentations are due by noon EDT on August 26th.

Having exhausted the agenda, Natalie Wienckowski adjourned the meeting at 11:59 AM EDT.

Appendix A: Attendees at the IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet Channel and Noise Ad Hoc Meeting, August 14, 2024

Last Name	First Name	Affiliation
Ahuja	Ramanjit	Onsemi
Aidan	Huda	Michigan FC
Alwishah	Abbas	Molex
Arndt	Christoph	Continental
Bergner	Bert	TE Connectivity
Boyer	Rich	Aptiv
Chini	Ahmad	Broadcom
Cordaro	Jay	Analog Devices
Estrakh	Daniel	Valens
Fuller	Paul	Marvell
Gauthier	Claude	NXP
Gerl	Markus	MD Elektronik
Gorshe	Steve	Microchip
Hopf	Daniel	Continental
Hoshino	Masayuki	Continental
Hu	Mark	Aptiv
Hyakutake	Yasuhiro	Orbray
Jonsson	Ragnar	Marvell
Klaus-Wagenbrenner	Jochen	CARIAD SE
Koependoerfer	Erwin	Leoni Kabel GmbH
Lewis	Jon	Dell Technologies
McClellan	Brett	Marvell
Mohammed	Riyam	Michigan FC
Neulinger	Christian	MD Elektronik
Niihara	Yoshihiro	Fujikura Ltd.
Pischl	Neven	Broadcom
Razavi	Alireza	Marvell
Ringel	Haim	GM
Sabeeh	Sarah Ali	Michigan FC
Sedarat	Hossein	Ethernovia
Sharma	Rohit	Molex
Strohmeier	Heiko	Bosch
Talib	Hussein	Michigan FC
Thompson	Geoff	GraCaSI S.A. - Independent
Turner	Max	Ethernovia

Wang	Frank	Realtek
Wienckowski	Natalie	IVN Solutions/Ethernovia
Wu	Peter	Marvell
Zherebtsov	Aleksei	Marvell