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

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_2024121_9.pdf

Presenter: Jason Sisk, Chair.

Jason Sisk turned to presentation <u>agenda 3dm 01a 20241219.pdf</u> 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 Koeppendoerfer (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

<u>FUTURE MEETINGS</u>
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

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Tazebay	Mehmet	Broadcom
Torres	Luisma	KD
Tran	Ky-Anh	Aeonsemi
Turner	Max	Ethernovia
Wang	Frank SS.	Realtek
vvalig	(Shun-Sheng)	Neutek
Wienckowski	Natalie	IVN Solutions/Ethernovia
Wolpers	Stephan	C&S
Wu	Peter	Marvell
Zerna	Conrad	Aviva Links
Zhuang	Yan	Huawei
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