

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

February 27, 2025
Ad Hoc Meeting

Prepared by George Zimmerman

IEEE P802.3dm Ad Hoc meeting convened at **7:01 AM PST, Thursday, February 27, 2025**, by Jason Sisk, IEEE P802.3dm General Ad Hoc Chair.

NOTE - All times given below are in PST.

Attendance is listed in Appendix A

Presentation [agenda_adhoc_3dm_02_20250227.pdf](#)

Presenter: Jason Sisk, Chair.

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

He then 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. Sisk 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 if you need these as they will not be included in the posted material.

Attendance, the Chair advised the group that attendance would be taken from IMAT. He then reminded attendees that they should show their employer & affiliation in the Zoom meeting, 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.

He continued review of the agenda deck, informing the group of IEEE SA, IEEE 802 LMSC, and IEEE 802.3 Working Group rules, and URLs for them.

He then proceeded to the IEEE Patent Policy.

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 (7:06 am).

There was no response to the call for patents at 7:07 am.

Other IEEE Policies

Mr. Sisk read aloud the slides on the IEEE SA copyright, Participant behavior (ethics), IEEE individual participation, and fair and equitable consideration policies. (**7:09 am**). There were no questions.

Mr. Sisk turned to presentation [agenda_adhoc_3dm_02_20250227.pdf](https://www.ieee802.org/3/dm/public/adhoc/022725/jonsson_3dm_02_20250227.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. He announced that the agenda was approved.

PRESENTATIONS

The Chair then moved to the presentations for the meeting. He announced that each presentation, including questions and answers afterward, would be limited to 30 minutes, including Q&A.

(7:13AM)

Title: [Analysis of Return Loss Limits](https://www.ieee802.org/3/dm/public/adhoc/022725/jonsson_3dm_01_02_27_25.pdf)

URL: https://www.ieee802.org/3/dm/public/adhoc/022725/jonsson_3dm_01_02_27_25.pdf

Presenter: Ragnar Jonsson (Marvell)

Discussion: The presenter discussed analysis of the probability of certain mismatches in cabling relative to the choice of return loss limits.

Questions were asked and answered.

(7:49AM)

Title: [Simulating Noise Environments \(02a\)](https://www.ieee802.org/3/dm/public/adhoc/022725/jonsson_3dm_02a_02_27_25.pdf)

URL: https://www.ieee802.org/3/dm/public/adhoc/022725/jonsson_3dm_02a_02_27_25.pdf

Presenter: Ragnar Jonsson (Marvell)

Discussion: The presenter presented models for environmental noise and proposed code for simulation.

Questions were asked and answered. During question and answer the Chair requested further discussion be taken to the reflector and moved on to the next presentation per the published and accepted agenda.

(8:10AM)

Title: [GMSLE Baseline proposal for IEEE802.3dm](https://www.ieee802.org/3/dm/public/adhoc/022725/GMSLE_baseline_v1p4.pdf)

URL: https://www.ieee802.org/3/dm/public/adhoc/022725/GMSLE_baseline_v1p4.pdf

Presenter: Jay Cordaro (ADI)

Discussion: The presenter discussed details of a consensus proposal combining elements of existing technologies, as well as the various proposals made to the 802.3dm Task Force.

Questions were asked and answered.

The chair called the scheduled break at **8:51am** to resume at **9:00am**.

(9:01 AM)

Title: [TDD Fact Check](#)

URL: https://www.ieee802.org/3/dm/public/adhoc/022725/gorshe_3dm_01a_2502.pdf

Presenter: Steve Gorshe (Microchip)

Discussion: The presenter discussed his impression of arguments made over the course of 802.3dm presentations.

Questions were asked and answered.

(9:36 AM)

Title: [Complexity Considerations on Camera Systems](#)

URL : https://www.ieee802.org/3/dm/public/adhoc/022725/20250227_dm_adhoc_CameraSystemComplexity_V1.0.pdf

Presenter: Felix Fellhauer (Bosch)

Discussion: The presenter discussed system-level parameters for optimizing 802.3dm solutions for camera ECUs.

Questions were asked and answered.

The discussion ended at **9:59AM**.

As a result, the general discussion from the agenda was abbreviated.

FUTURE MEETINGS

The next scheduled meeting of P802.3dm is during the 802 Plenary in March.

Having exhausted the agenda, the meeting was adjourned at **10:02 AM PST**.

Appendix A: Attendees at the IEEE P802.3dm Asymmetrical Electrical Automotive General Ad Hoc Meeting, February 27, 2025

Last Name	First Name	Affiliation	In Zoom
Ahuja	Ramanjit	"On Semi; ON Semiconductor"	YES
Boyer	Rich	Aptiv	YES
Chimento	Nicholas	Analog Devices Inc.	YES
Chini	Ahmad	broadcom	YES
Cordaro	Jay	Analog Devices	YES
Dalmia	Kamal	Aviva links	YES
Fellhauer	Felix	Robert Bosch GmbH	YES
Ganesan	Aravind	Texas Instruments	YES
Gauthier	Claude	NXP	YES
GHARBA	Ahmed	Volvo Cars	YES
Goel	Sachin	Aviva Links Inc; Aviva Links Inc.	YES
Gorshe	Steven Scott	Microchip Technology, Inc.	YES
Gupta	Ajeya	General Motors Company	YES
Hogenmueller	Thomas	Robert Bosch GmbH	YES
Hopf	Daniel	Continental Automotive Technologies GmbH	YES
Jonsson	Ragnar	Marvell	YES
Kamiyama	Naoto	ROHM	YES
Kleinwaechter	Mathias	in-tech	YES
Koeppendoerfer	Erwin	Leoni Kabel GmbH	YES
Lewis	Jon	Dell Technologies	YES
Liebl	Christian	Continental	YES
Lo	William	Axonne	YES
Long	Richard	TE Connectivity	YES
Lou	Wei	Broadcom Corporation	YES
Martino	Kjersti	Inneos	YES
McClellan	Brett	Marvell Semiconductor, Inc.	YES
Minnigaliev	Timur	Marvell Semiconductor, Inc.	YES
Mueller	Thomas	Rosenberger	YES
Nagib	Michael	Mixel Inc.	YES
Ng	Hiok Tiaq	Aviva Links Inc.	YES
NIIHARA	YOSHIHIRO	Fujikura Ltd.	YES
Oberg	Mats	Marvell	YES
Pischl	Neven	Broadcom Corporation	YES
Razavi	Alireza	Marvell	YES
Sedarat	Hosseini	Ethernovia	YES
Sharma	Rohit	Molex LLC	YES
sisk	jason	UNH-IOL	YES

Last Name	First Name	Affiliation	In Zoom
Sivakolundu	Ramesh	Cisco Systems, Inc.	NO
Spiessens	Peter	OMNIVISION	YES
Strohmeier	Heiko	Robert Bosch GmbH	YES
Tanc	Ahmet	NXP Semiconductors	YES
TAZEBAY	MEHMET	Broadcom	YES
Torres	Luisma	KDPOF	YES
Tran	Ky-Anh	Aeonsemi Inc	YES
Turner	Max	Ethernovia	YES
Veloso Cauce	Gumersindo	BMW AG	YES
Wang	Shun-Sheng	realtek semiconductor corp.	YES
Wienckowski	Natalie	General Motors Company	YES
Wu	Peter	Marvell Semiconductor, Inc.	YES
Zerna	Conrad	Avivalinks Inc.	YES
Zimmerman	George	CME Consulting/Analog Devices, APL Group, Cisco, Marvell, OnSemi, SenTekSe LLC, Sony	YES
IN ZOOM CONFERENCE, BUT NOT LOGGED IN IMAT			
Last Name	First Name	Affiliation	In IMAT
Abedinzadeh	Bizhan	Marvell	NO
Arndt	Christoph	Continental	NO
Bar-Niv	Amir	Marvell	NO
Estrakh	Daniel	Valens	NO
Gerl	Markus	MD Elektronik	NO
Houck	TJ	Marvell	NO
Klaus-Wagenbrenner	Jochen	CARIAD	NO
Kock	Jörg	NXP Semiconductors	NO
Kyun Kim	Do	LGE	NO
Penumuchu	Venkat	Marvell	NO
Sarmadi	Mehrnoosh	MD Elektronik	NO
Song	Hongxin	Marvell	NO
Tang	Heng	Marvell	NO
Zherebtsov	Aleksei	Marvell	NO