# Meeting Minutes: IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet Task Force

### November 10 & 11, 2025 IEEE 802 Plenary, Bangkok, Thailand

Prepared by George Zimmerman

See Appendix A for Attendance See Appendix B for Motion records

IEEE P802.3dm Task Force meeting convened at **13:19 BE (GMT+7), Monday, November 10, 2025**, by Natalie Wienckowski, IEEE P802.3dm Task Force Chair.

As a note, Ms. Wienckowski and the Task Force Vice Chair, Mr. Gorshe, were both attending the meeting remotely.

ALL TIMES ARE IN BE.

Presentation: https://www.ieee802.org/3/dm/public/1125/agenda 3dm 01c 1125.pdf

Presenter: Natalie Wienckowski, Chair

**Approval of Agenda:** The chair asked whether there were additions or corrections to the agenda, shown on slide 3 of the presentation <u>agenda 3dm 01c 1125.pdf</u>. She then addressed the following motion:

#### Motion #1

Move to approve the agenda as posted.

M: Ragnar Jonsson S: Ahmad Chini (Procedural > 50%)

#### **MOTION PASSES WITHOUT OBJECTION**

(13:22)

The presentation <u>agenda 3dm 01c 1125.pdf</u> will be referred to as "the agenda deck" in these minutes. Note that on day 2, an updated version of the deck, correcting some typos was used.

**Previous Meeting Minutes:** The chair announced the minutes from previous Task Force meetings were posted, and requested that they be approved.

#### Motion #2:

To approve the following meeting minutes:

September interim: https://ieee802.org/3/dm/public/0925/minutes 3dm 01a 0925.pdf

September 25 interim: <a href="https://www.ieee802.org/3/dm/public/092525/minutes">https://www.ieee802.org/3/dm/public/092525/minutes</a> 3dm 01 092525.pdf
October 9 ad hoc: <a href="https://www.ieee802.org/3/dm/public/adhoc/100925/minutes">https://www.ieee802.org/3/dm/public/adhoc/100925/minutes</a> 3dm 100925.pdf
October 30 ad hoc: <a href="https://www.ieee802.org/3/dm/public/adhoc/103025/minutes">https://www.ieee802.org/3/dm/public/adhoc/100925/minutes</a> 3dm 100925.pdf

M: Hossein Sedarat S: Ragnar Jonsson MOTION PASSES WITHOUT OBJECTION (13:24) The Chair then resumed the review of the agenda deck.

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

Ms. 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. (13:27)

The chair discussed decorum and processes for joining the queue using the conference tool.

The chair discussed the goals of the meeting.

The chair announced that the meeting was being conducted as part of the IEEE 802 Plenary meeting and that registration, including payment of meeting fees, was required for attendees. She further announced that attendance without properly registering is subject to penalties under IEEE 802 rules.

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

The Chair announced that this meeting was being conducted as a hybrid meeting. Because the 802.3 Working Group chair had declared hybrid meetings as electronic meetings, under 802.3 rules, only working group voters may vote on motions, and that anyone in the meeting could vote in straw polls. In the agenda deck she provided a link to the IEEE 802.3 Ethernet Working Group Operations Manual for further information.

#### **Attendance**

The chair reminded the group that attendance credit would be taken from IMAT, and that as announced by the 802.3 Working Group Chair, IMAT registration would be for individual slots (AM1, AM2, PM1, and PM2) through the plenary session meeting days.

The chair reminded the group that meeting participants can only claim IMAT attendance credit if they attend 75% of a meeting slot's duration, and that officers may remove IMAT attendance if a participant is found to attend less than 75% of a slot's duration. She further reminded the group of the rules for gaining and maintaining voting rights, including responding to working group letter ballots.

The Chair advised the group that attendance would be taken from IMAT, and that Webex attendance would be used to reconcile the attendance, but IMAT was the official record. She then reminded attendees that they should show their employer & affiliation, and how to set these to make them correct.

#### **IEEE Structure, Policies**

Ms. Wienckowski continued review of the IEEE SA structure, where to find the bylaws, policies & procedures documents, and operations manuals which hierarchically govern IEEE SA, IEEE 802 LMSC, and IEEE 802.3 activities.

She also asked whether anyone in the room or online had not seen the various policy slides. There were no responses. She therefore announced that she would show the slides.

**IEEE SA Patent Policy**, Ms. Wienckowski reviewed the IEEE SA Patent Policy. During this, she showed slide 1 (of the IEEE SA patent policy slides, slide 20 of the agenda deck) and read aloud slide 2 of the IEEE SA patent policy (slide 21 of the agenda deck), and made the call for patents on the slide labeled "Ways to Inform IEEE" **(13:38)**.

There was no response to the call for patents at **(13:38)**. She then showed and read aloud slide 3 of the patent policy and showed slide 4 of the patent policy.

#### Other IEEE Policies

Ms. Wienckowski showed and read aloud the slides on the IEEE SA copyright, Participant behavior (ethics), IEEE individual participation, and fair and equitable consideration policies as shown in the agenda deck (slides 24-29). (13:45)

The IEEE SA Program Manager for the 802.3 working group, who was in the room, introduced herself after reading the slide entitled 'fair and equitable consideration policies'. There were no questions.

Ms. Wienckowski reviewed the standards development process for IEEE 802.3 and where this Task Force is in that process. She reviewed and showed slides documenting the chair's ruling on the procedure for conducting task force review of proposed draft text, as well as the 802.3 Working Group Operations Manual's requirement for a 75% task force vote for the Task Force to forward a draft to the working group (slide 32).

A participant noted that the approval threshold was ≥75%, not 75%, and the chair concurred. There were no other questions.

#### LIAISONS

The chair noted that the Task Force had received no liaisons.

#### **Task Force Documents**

The chair noted that the Task Force objectives had been updated by the Working Group at the July plenary.

#### **Order of Presentations**

The Chair completed a review of the presentation, then addressed the order of presentations. Several presentations had been received late, however, in order to progress the draft text and cover those, she proposed hearing the late presentations in a logical order. She presented two options for the order of presentations to the Task Force (Option 1, pages 39&40, the logical order, or Option 2, slides 42 & 43 prioritizing the on-time presentations).

Additionally, she announced that with Option 1 there would be an Ad Hoc meeting on December 5, at which any presentations not addressed during this meeting could be heard. If Option 2 were taken, there would be an off cycle interim November 24.

A number of participants voiced support for Option 1,

#### Motion #3:

Move to accept the order of presentations in Agenda Option 1

M: Valerie Maguire

S: William Lo

#### **MOTION PASSES WITHOUT OBJECTION**

(13:56)

#### **PRESENTATIONS**

The Chair then moved to the presentations for the meeting.

(13:57)

Transmit Linearity Test proposal for TDD-based 802.3dm Specification

URL: https://www.ieee802.org/3/dm/public/1125/Chini 3dm 01 1125.pdf

**Presenter:** Ahmad Chini, Broadcom corporation

Discussion: The presenter discussed the use of a transmitter distortion test by capturing the test mode 4

waveform and measuring distortion, similar to that used in 1000BASE-T, and presented a

script which might be used.

Questions were asked and answered. During questioning, a participant noted that this may be an area for common ground between the two proposals.

(14:24)

**Title:** TDD Baseline Text Proposals

URL: https://www.ieee802.org/3/dm/public/1125/gorshe 3dm 02a 1125.pdf

**Presenter:** Steve Gorshe (presenter) & Scott Muma (Microchip)

Discussion: The presenter discussed proposed baseline text to specify a simplified refresh header

format, using the PRBS11 sequence from IEEE 802.3 clause 72.6.10.2, originally discussed in July 2025. Additionally, a maximum link segment propagation delay of 90ns

up to 3600 MHz was proposed.

Questions were asked and answered. Questions centered around editorial issues.

(14:41)

The chair reminded the group to sign into IMAT for the PM1 session, and asked whether any participants had difficulty signing in. There were no responses.

(14:43)

**Title:** Late request - Updated TDD PHY Control State Diagram **URL**: <a href="https://www.ieee802.org/3/dm/public/1125/Lee">https://www.ieee802.org/3/dm/public/1125/Lee</a> etal 3dm 01a 1125.pdf

Presenter: Ching-Yen Lee (presenter) & Frank Wang [Realtek]; Wei Lou [Broadcom]

**Discussion**: The presenter proposed a modification to the TDD PHY control state diagram removing

three states, and inserting a PCS TEST state, and showed similarity to the 802.3ch state

diagram.

There were no questions.

(14:49)

**Title:** Nonlinearity test for ACT upstream transmitter

URL: https://www.ieee802.org/3/dm/public/1125/sedarat 3dm 02 1125.pdf

Presenter: Hossein Sedarat, Ethernovia

**Discussion**: The presenter discussed a proposal for a transmit linearity test for the DME ACT upstream

based on the SNDR test proposed for the downstream (and used in Clause 149).

Questions were asked and answered.

(15:10)

The chair noted that since the group was ahead of schedule, but the break had not started yet, to go ahead with the next presentation and take the break after. There were no objections.

**Title:** Droop and peak voltage in ACT transmitter

URL: https://www.ieee802.org/3/dm/public/1125/sedarat 3dm 01 1125.pdf

Presenter: Hossein Sedarat, Ethernovia

**Discussion**: The presenter discussed considerations for the transmitter droop specification in both directions for the ACT proposal. He proposed relaxing the droop specifications in the draft for ACT, and proposed droop for the upstream. The resulting larger voltage swings

for the transmit signal were shown.

Questions were asked and answered.

During questions, the chair called the meeting recess for the afternoon break of 20 minutes.

(15:32)

At **15:51** the Chair called the meeting back to order, resuming the discussion queue where it had paused for the break.

Following questions, presentations resumed.

(15:57)

**Title:** Test mode Definition for the crystal-less Camera operation **URL**: <a href="https://www.ieee802.org/3/dm/public/1125/Razavi">https://www.ieee802.org/3/dm/public/1125/Razavi</a> 3dm 02a 1125.pdf **Presenter:** Alireza Razavi (presenter), Sam Johnson, Fan Wei Infineon

**Discussion**: The presenter discussed additional requirements on the low data rate signal for crystal-less operation, assuming that the low data rate signal provided the clock source for the high rate signal.

Questions were asked and answered. There was significant discussion on the pros and cons of using pulse masks and templates vs. other metrics, as well as participants questioning the need for this test mode.

(16:23)

**Title:** A simplified training flow for 5G/2.5G

URL: https://www.ieee802.org/3/dm/public/1125/Razavi 3dm 01a 1125.pdf

Presenter: Alireza Razavi, Infineon

**Discussion**: The presenter discussed simplifications of the training flow for ACT for the 2.5G and 5G data rates. The presentation suggested changes for comment, but did not make a proposal to

text at this time.

Questions were asked and answered. There was substantial discussion and feedback on the

presentation. When the allotted 30 minutes for the presentation expired, the Chair

advised participants to follow up offline.

(16:55)

Title: ACT Jitter Requirements for Camera PHY

URL: https://www.ieee802.org/3/dm/public/1125/jonsson\_penumuchu\_3dm\_01\_1125.pdf

Presenter: Ragnar Jonsson and Venkat Penumuchu [Infineon]

**Discussion**: The presenter proposed jitter requirements for ACT previously addressed at the 30 October

ad hoc meeting.

Questions were asked and answered. There was significant discussion on the technical proposal among

participants.

(17:11)

**Title:** Additional Link Segment Delay Considerations

URL: https://www.ieee802.org/3/dm/public/1125/gorshe muma 3dm 01a 1125.pdf

**Presenter:** Steve Gorshe and Scott Muma, Microchip

**Discussion**: The presenter discussed market data on automotive links, and provided critique of multiple

previous presentations advocating a longer link segment delay specification.

Questions were asked and answered.

(17:36)

The chair paused and reminded participants to sign into IMAT for the PM2 session. She asked whether anyone had difficulty signing in, after a pause, there were no responses.

(17:39)

Title: Late request - 802.3dm PHY Nomenclature/Definitions Proposal \*

URL: https://www.ieee802.org/3/dm/public/1125/Lo 3dm 02 1125.pdf

Presenter: William Lo, Axonne

Discussion: The presenter discussed a change in nomenclature to make the PHY definitions simpler.

Questions were asked and answered.

Following the presentation, the file was updated to correct some errors, at: **URL**: https://www.ieee802.org/3/dm/public/1125/Lo 3dm 02a 1125.pdf

(18:04)

Following the question and answer session on the presentation, the chair asked anyone considering a motion to forward overnight for planning the meeting.

## At 18:06 she recessed the meeting for the evening, to reconvene at 08:00 BE on Tuesday 11/11/2025.

----- BREAK FOR DAY 1 -----

The meeting convened for the day at **08:02 BE** Tuesday, November 11, 2025.

At the start of Wednesday, the chair displayed an updated version of the agenda deck, <u>agenda 3dm 01d 1125.pdf</u>. The updates were: Corrected typos in the deck, including changing >75% to >=75%, changing July to November in the footer, and correcting some spelling errors.

The chair asked the Task Force whether anyone had not reviewed the IEEE patent policy, IEEE SA copyright policy, Participant behavior (ethics), IEEE individual participation, and fair and equitable consideration policies shown in agenda 3dm 01d 1125.pdf. There were no responses.

The chair made the call for patents (08:04). There were no responses.

The chair showed the slides on the IEEE patent policy, IEEE SA copyright policy, Participant behavior (ethics), IEEE individual participation, and fair and equitable consideration policies shown in <a href="mailto:agenda\_3dm\_01d\_1125.pdf">agenda\_3dm\_01d\_1125.pdf</a>, and there were no questions.

The chair asked if there were any members of the press present. There were no responses. The chair reminded the group that the meeting was being conducted under the individual process, and that if they could not abide by the individual process, then to leave the meeting.

Presentations then resumed with the scheduled order

(08:07)

**Title:** Power-over-Coax Injected Noise Limit for IEEE 802.3dm PHY **URL**: <a href="https://www.ieee802.org/3/dm/public/1125/pandey">https://www.ieee802.org/3/dm/public/1125/pandey</a> 3dm 01 1125.pdf

**Presenter:** Sujan Pandey (Velinktech)

**Discussion**: The presenter discussed considerations and specifications for power supply ripple and noise

in camera systems, balancing receiver performance and component characteristics.

Questions were asked and answered. Discussion focused on frequencies needed and specification for both noise out the MDI onto the link segment from a link partner as well as noise tolerance of a receiver from local power electronics. There was general consensus that specifications were needed for both, but none on a specific proposal.

(08:39)

**Title:** ACT upstream receiver – clearing misconceptions

URL: https://www.ieee802.org/3/dm/public/1125/sedarat 3dm 03 1125.pdf

**Presenter:** Hossein Sedarat (Ethernovia)

**Discussion**: The presenter discussed several issues including how to analyze an ACT upstream

receiver, including aspects of the need for echo cancellation & equalization, as well as

aspects of timing recovery and EM immunity performance.

Questions were asked and answered. Discussion was curtailed for the time allotted, with at least one individual not able to speak because time had expired. Individuals were requested to take further discussion offline or to the reflector.

(09:16)

At this point, the chair paused the meeting and reminded participants to sign into IMAT. She asked whether anyone needed extra time or was having difficulty. There were no responses.

(09:18)

Title: Link Sync, Auto-Negotiations, Crystal-less

URL: https://www.ieee802.org/3/dm/public/1125/Lo 3dm 01 1125.pdf

Presenter: William Lo, Axonne

**Discussion**: The presenter discussed issues of speed selection and use of auto-negotiation for the ACT

proposal, including with crystal-less operation.

Questions were asked and answered.

Title: Timing Recovery Considerations for Differential Manchester Encoded (DME) ACT

Upstream Channel

URL: https://www.ieee802.org/3/dm/public/1125/cordaro 3dm 01a 1125.pdf

**Presenter:** Jay Cordaro, Analog Devices

Discussion: The presenter discussed the use of Bi-Phase Encoding to do timing recovery for DME

without an equalizer.

Questions were asked and answered.

(9:48)

#### At 10:00 the meeting recessed for the morning break - to resume at 10:30

Presentations resumed at 10:32

Title: ACT EMC Performance Update

URL: https://www.ieee802.org/3/dm/public/1125/Wu 3dm 01a 1125.pdf

**Presenter:** Dance Wu, Ying Kuang-ping, TJ Houck [Infineon]

**Discussion**: The presenter discussed

Questions were asked and answered. A participant noted that some of the slides were marked restricted. The presenter indicated that this was an oversight and indicated that a revised presentation would be provided. The link above is to the presentation without restriction. There was no change to the technical content.

(10:47)

**Title:** IEEE P802.3dm draft creation procedure

URL: https://www.ieee802.org/3/dm/public/1125/wienckowski 3dm 01a 1125.pdf

**Presenter:** Natalie Wienckowski (IVN Soltuions LLC / Ethernovia)

Discussion: The presenter discussed the process for task force review, as determined by the chair's

procedural ruling in agenda 3dm 01d 1125.pdf, slide 32. The chair indicated that slide

32 is the written reference for the chair's ruling.

#### **TIMELINE DISCUSSION**

Having completed the scheduled presentations, the chair returned to <u>agenda 3dm 01d 1125.pdf</u>, to address the project timeline (slides 44-45).

A participant asked a question regarding meetings prior to IEEE 802 plenary or IEEE 802.3 working group interim session weeks. The chair indicated that the practice had been abandoned some time ago, and was not indicated on the working group calendar. The working group chair confirmed that the chair was correct, but also that the practice was a request, never actually a rule.

#### **MOTIONS AND STRAW POLLS**

The chair announced she had received two proposed motions overnight.

#### MOTION #4

Move to adopt the timeline to get to WG ballot on slide 45 of agenda 3dm 01d 1125.pdf.

M: Valerie Maguire S: Max Turner

Technical (≥ 75%)

MOTION PASSES BY VOICE WITHOUT OPPOSITION.

#### **MOTION #5**

Move to adopt the terminology on Lo\_3dm\_02a\_111025.pdf slide 5, with editorial license, throughout the IEEE P802.3dm draft.

M: William Lo S: Hossein Sedarat Technical (≥ 75%) See below for continuation...

#### **MOTION #6**

Move to table Motion #5
M: Valerie Maguire
S: Ahmad Chini

The mover withdrew the motion #6 (the motion to table). The seconder concurred.

Discussion on motion #5 resumed.

Motion #5 was taken by direct vote live, and results can be found in Appendix B. One 802.3 voter had issues with dvl that Ms. Haasz was unable to resolve. He sent his vote of "yes" in the chat to the Chair and requested that it be included. This vote is include in the table in Appendix B.

Motion Passes (Y: 45, N: 13, A: 9)

#### **Future Meetings**

The chair announced electronic ad hocs for December 4 and December 18, (10 am-1pm EDT), and electronic interims for January 14 & 15 (10am-1pm EDT), with the agenda of comment resolution.

The Chair announced that registration for the IEEE 802.3 Interim meeting session in Austin, TX (Jan 19-22) was open and provided information on registration.

#### **Other Business**

The editors announced that they had technical champions for each proposal, and that these could change at a future date.

For ACT: Alireza Razavi; For TDD: Scott Muma

The Chair announced that she had received new baseline text for TDD, at

URL: <a href="https://www.ieee802.org/3/dm/public/1125/Baseline Text for TDD PHY V1.2 10 19 25.pdf">https://www.ieee802.org/3/dm/public/1125/Baseline Text for TDD PHY V1.2 10 19 25.pdf</a>
Frank Wang offered to answer questions on the document. There were several questions, including the following clarifications:

- Blue text indicated new content
- Red text (or any color other than blue) indicated old content
- Strikeouts were deletions
- (TBD) indicated that a section required contributions for additional content
- The use of clause 200 was based on the old numbering, and this would become clause 202.

#### **CLOSING BUSINESS**

At (11:54) the chair announced that the meeting had exhausted the agenda and was adjourned.

Appendix A: Attendees at the IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet Task Force Meeting, November 10-11, 2025
\*Potential Anomalies (IMAT only) are highlighted in Yellow.

First Name	Last Name	Affiliation	Mon Webex	Mon IMAT	Tues Webex	Tues IMAT
Ramanjit	Ahuja	Onsemi	Х	Х	Х	Х
Ravi	Aripirala	Texas Instruments	Х	Х	Х	Х
Tim	Baggett	Microchip		X	X	X
Amir	Bar-Niv	Infineon	Х	Х	X	X
Saied	Benyamin	Ethernovia	X	X	X	X
rich	boyer	Aptiv	Х	х	Х	Х
Jae-yong	Chang	Keysight	Х	х	Х	Х
Nick	Chimento	Analog Devices	Х	Х	Х	Х
Ahmad	Chini	Broadcom	Х	Х	Х	Х
Jay	Cordaro	Analog Devices	Х	х	Х	Х
Shaoan	Dai	Infineon	Х	Х	Х	Х
Kamal	Dalmia	NXP	Х	х	Х	Х
Wu	Dance	Infineon	Х	х		Χ
Andras	de Koos	Microchip	Х	Х		Х
Hormoz	Djahanshahi	Microchip Technology	Х	х	Х	Χ
Curtis	Donahue	Rohde & Schwarz	Х	Х	Х	Χ
Daniel	Estrakh	Valens	Х	Х	Х	Χ
Paul	Fuller	Infineon		Х	Х	Χ
Aravind	Ganesan	TI	Х	Х	Х	Χ
Claude	Gauthier	NXP		Х	Х	Χ
Markus	Gerl	MD Elektronik	Х	Х	Х	Χ
Martin	Glanzner	SEAE	Х	Х	Х	Χ
Sachin	Goel	NXP	Х	Х	Х	Χ
Steve	Gorshe	Microchip	Х	Х	Х	Χ
Hideki	Goto	Toyota Motor Corporation	Х	Х	Х	Χ
James	Graba	Broadcom	Х	Х	Х	Χ
Jim	Graba	Broadcom	Х	Х	Х	Χ
Steffen	Graber	Pepperl+Fuchs	Х	Х	Х	Χ
Ajeya	Gupta	GM	Х	Х	Х	Χ
Jodi	Haasz	IEEE	Х	Х	Х	Χ
Thomas	Hogenmüller	Robert Bosch GmbH	Х	Х	Х	Χ
TJ	Houck	Infineon	Х	Х		Χ
Guy	Hutchison	NXP	Х	Х	Х	Χ
Yasuhiro	Hyakutake	Orbray	Х	Х	Х	Х
Brad	Jeffries	ADI	Х	Х	Х	Х
Markus	Jochim	General Motors		Х	Х	Х
Peter	Jones	Cisco	Х	Х	Х	Χ

Ragnar	Jonsson	Inmfineon	Х	Х	Х	Х
Lokesh	Kabra	Synopsys	Х	Х	Х	Х
Manabu	Kagami	NITech	Х	Х	Х	Х
Venkata	Kandarpa	NXP	Х	Х	Х	Х
Atsushi	KANNO	NITech, JPN	Х	Х	Х	Х
Samay	Kapoor	NXP	Х	Х	Х	Х
Tatsumasa	Kawahara	Murata Manufacturing	Х	Х	Х	Х
Tomohiro	Kikuta	Orbray Co., Ltd.	Х	Х	Х	Х
DoKyun	Kim	LGE	Х	Х	Х	Х
Gyudong	Kim	Analog Devices	Х	Х	Х	Х
Yong	Kim	gm	Х	Х	Х	Х
Mathias	Kleinwaechter	in-tech	Х	Х	Х	Х
Jörg	Kock	NXP	Х	Х	Х	Х
Yasuhiro	Kotani	DENSO	Х	Х	Х	Х
Hans	Lackner	QoSCom	Х	Х	Х	Х
Ariel	Lasry	Qualcomm	Х	Х	Х	Х
Ching-Yen	Lee	Realtek	Х	Х	Х	Х
Hoei	Lim	NXP	Х	Х	Х	Х
YK	Lin	Realtek		Х	Х	Х
William	Lo	Axonne	Х	Х	Х	Х
Wei	Lou	Broadcom		Х	Х	Х
Malaria	D. d. a. saraina	Copperopolis, aff'l w/ CME	V	V		
Valerie	Maguire	Consulting, MCHP, and NXP	X	X	X	X
Simon	Mark	Würth Elektronik	Х	X	X	X
Kjersti	Martino	Inneos		X	X	X
Kirsten	Matheus	BMW Group, VDA		Х	X	X
Brett	McClellan	Marvell	X	X	X	Х
Michael	Miskho	ADI	Х	X	Х	X
Scott	Muma	Microchip	X	Х	X	X
Brian	Murray	Analog Devices	Х	Х		X
Srikanth	Nagaraja	Texas Instruments	Х	Х	Х	Х
Tiaq	Ng	NXP	Х	Х	Х	Х
Yoshihiro	Niihara	Fujikura Ltd.	Х	Х	X	Х
Debu	Pal	onsemi	Х	Х	X	Х
Sujan	Pandey	Velinktech	Х	Χ	Х	Х
Luic	Dinoda	LP Tech Advisors,LLC: Samsung,				
Luis	Pineda	Ethernovia	X	X	X	X
Neven	Pischl	Broadcom	X	X	X	X
Jason	Potterf	Cisco	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	X	X	X
Karthik	Rajagopal	TI	X	X	X	X
Alireza	Razavi	Infineon	X	X	X	X
Michael	Reinhard	SEI Automotive Europe GmbH	X	Χ	Х	X

Anton	Schedl	BMW Group	Х	Х	Х	Х
Hossein	Sedarat	Ethernovia	Χ	Х	Х	Χ
Sumantra	Seth	TI	Х	Х	Х	Х
Rohit	Sharma	Molex		Х	Х	Х
Rohit	Sharma[Molex	LLC	Χ	Х		Χ
Masato	Shiino	FURUKAWA ELECTRIC	Х	Х	Х	Х
ramin	shirani	Ethernovia	Χ	Χ	Х	Х
Chandrasekhar	Sriram	Texas Instruments		Х	Х	Х
Heiko	Strohmeier	Bosch	Χ	Χ	Х	Х
jingcong	Sun	motorcomm	Χ	Χ	Х	Х
Junichi	Takeuchi	JAE	Х	Х	Х	Х
Yuxuan	Tan	Motorcomm	Х	Х	Х	Х
Ahmet	Tanc	NXP	Χ	Χ	Х	Х
Mehmet	Tazebay	Broadcom	Х	Х	Х	Х
Geoff	Thompson	GraCaSi-Ind	Х	Х	Х	Х
Houck	TJ	Infineon		Χ	Х	Х
Luisma	Torres	KD	Х	Х	Х	Х
Mike	Tu	Broadcom		X	Х	Х
Max	Turner	Ethernovia	Х	Χ	Х	Х
Kambiz	Vakilian	Broadcom	Х	Х	Х	Х
Gumersindo	Veloso	BMW	Х	X	Х	Х
Frank, SS.	Wang	Realtek	Х	Х	Х	Х
Terry	Wei	ADI	Х	Х	Х	Х
Natalie	Wienckowski	IVN Solutions; Ethernovia	Х	X	Х	Х
James	Withey	Fluke	Χ	Х	Х	Χ
Charles	Wu	OMNIVISION	Χ	Х	Х	Χ
Dance	Wu	Infineon	Х	Х	Х	Х
Peter	Wu	Marvell	Х	Х	Х	Х
Cheng	Xiaoyue	Infineon	Х	Х	Х	Х
Conrad	Zerna	NXP	Х	Χ	Х	Х
Tingting	Zhang	Huawei	Х	Х	Х	Х
Wei	Zhang	Broadcom	Х	Х	Х	Х

## Appendix B: Motion #5 Roll call results

Move to adopt the terminology on Lo\_3dm\_02a\_111025.pdf slide 5, with editorial license, throughout the IEEE P802.3dm draft.

M: William Lo S: Hossein Sedarat

Motion Passes (Y: 45, N: 13, A: 9)

LastName	FirstName	Motion #5 vote
Ahuja	Ramanjit	Α
Baggett	Tim	Υ
Bar-Niv	Amir	Υ
Benyamin	Saied	Υ
Boyer	Rich	Υ
Chang	Jae-Yong	Υ
Chimento	Nicholas	Υ
Chini	Ahmad	N
Cordaro	Jay	Υ
Fuller	Paul	Υ
Ganesan	Aravind	Υ
Gauthier	Claude	Υ
Gorshe	Steven Scott	N
Goto	Hideki	Υ
Graba	James	N
Gubow	Martin	Α
Houck	Tj	Υ
Hutchison	Guy	Υ
Hyakutake	Yasuhiro	Υ
Jeffreis	Brad	Υ
Jones	Peter	Υ
Jonsson	Ragnar	Υ
Kagami	Manabu	Υ
Kikuta	Tomohiro	Υ
Kim	Do Kyun	Υ
Kim	Yongbum	Υ
Kim	Gyudong	Υ
Kleinwaechter	Mathias	N
Kock	Joerg	Υ
Lackner	Hans	Υ
Lasry	Ariel	Υ
Lo	William	Υ
Lou	Wei	N

Maguiro	Valerie	A
Maguire Mark	Simon	A
Martino		
	Kjersti	A
Matheus	Kirsten	N
Mcclellan	Brett	Y
Miskho	Michael	Y
Muma	Scott	A
Niihara	Yoshihiro	A
		.,
Pineda	Luis	Y
Pischl	Neven	N
Razavi	Alireza	Υ
Reinhard	Michael	Υ
Schedl	Anton	N
Sedarat	Hossein	Υ
Shiino	Masato	Υ
Shirani	Ramin	Υ
Strohmeier	Heiko	Υ
Sun	Jingcong	Υ
Takeuchi	Junichi	A
Tan	Yuxuan	Υ
Tanc	Ahmet	Α
Tazebay	Mehmet	N
Thompson	Geoffrey	Υ
Torres	Luisma	Υ
Tu	Mike	N
Turner	Max	Υ
Vakilian	Kambiz	N
Wang	Shun-Sheng	N
Wienckowski	Natalie	Υ
Withey	James	Υ
Wu	Dance	Υ
Wu	Peter	Υ
Zerna	Conrad	N
Zimmerman	George	Υ