

# Unconfirmed Meeting Minutes: IEEE P802.3dg Long-Reach Single Pair Ethernet Task Force

March 12, 2025, Hybrid Plenary Meeting  
via Webex

Prepared by Bob Voss  
All times in EDT

IEEE P802.3dg Task Force meeting was called to order at 03/12/2025, 1:20 PM by the task force chair, George Zimmerman.

The meeting was held in person in Atlanta, GA USA and 1:21 electronically using Webex.

Attendance is listed in Appendix A.

All presentations referenced in these minutes are located on the Task Force Public web page:  
[https://www.ieee802.org/3/dg/public/May\\_2024/index.htm](https://www.ieee802.org/3/dg/public/May_2024/index.htm)

The Chair displayed and proceeded to review the agenda in  
[https://www.ieee802.org/3/dg/public/May\\_2024/agenda\\_3dg\\_01a\\_20250312.pdf](https://www.ieee802.org/3/dg/public/May_2024/agenda_3dg_01a_20250312.pdf)

The agenda was approved at 1:20PM by unanimous consent.

## Approval of meeting minutes

Need to approve the Joint 802.3dg/da minutes from January 2025 at:  
[https://www.ieee802.org/3/da/public/0125/spmd\\_TF\\_minutes\\_00\\_012025\\_03.pdf](https://www.ieee802.org/3/da/public/0125/spmd_TF_minutes_00_012025_03.pdf)

Need to approve 802.3dg 5 Feb 2025 interim minutes at:  
[https://www.ieee802.org/3/dg/public/May\\_2024/Unconfirmed\\_minutes\\_3dg\\_02052025.pdf](https://www.ieee802.org/3/dg/public/May_2024/Unconfirmed_minutes_3dg_02052025.pdf)

The chair asked the task force if there was any objection to accepting the minutes as posted. None heard. Minutes approved, as posted.

**Members of the Press**, at 1:23 PM the chair asked for any press members to identify themselves. None heard.

## Goals for the Meeting

### P802.3dg

- Adopt baselines to fill out to d1.0
- Adopt text of draft to begin more formal TF review
- Identify gaps to technical completeness

## Meeting fee requirement

The chair announced that this meeting is conducted as part of the IEEE 802 Plenary Meeting. Registration and payment of fees is required, and attendance without properly registering is subject to penalties under IEEE 802 rules.

- See <https://www.ieee802.org/3/interims/index.html> for further information and a registration link

**Attendance**, the Chair advised the group that the attendance would be taken from from Webex and IMAT. In-room participants were asked to please log into Webex to request to join the queue.

At 1:30 PM, the Chair resumed review of the agenda deck, including the following items – a review of IEEE structure, links to important bylaws and rules, and the patent slides.

**IEEE Patent Policy**, The Chair asked if anyone needed the patent slides to be read aloud. None responded, so the patent slides were displayed.

The **Call for Patents** was made at 1:32 PM and **none** responded.

The Chair resumed review of the agenda deck material after the call for patents.

At 1:33 PM, the chair reviewed the slides concerning IEEE SA Copyright policy, participant behavior, individual process, fair and equitable consideration, and position of this project in the IEEE 802.3 process.

### **Liaisons and Communications**

The chair reported that there are no liaisons or communications for the task force to consider at this time

### **Presentations and Discussion:**

At 1:36 PM, the chair moved to presentations and discussion.

Presentation: Editor's Report

Presenter: Yan Zhuang, affiliated with Huawei Technologies

[https://www.ieee802.org/3/dg/public/May\\_2024/zhuang\\_3dg\\_01\\_0325.pdf](https://www.ieee802.org/3/dg/public/May_2024/zhuang_3dg_01_0325.pdf)

At 1:46 PM, questions were asked and answered.

At 1:48 PM, the chair moved to the next presentation.

Presentation: Clause 22 MII Changes for 802.3dg required by Sequence Ordered Sets

Presenter: Brian Murray, affiliated with Analog Devices

[https://www.ieee802.org/3/dg/public/May\\_2024/Murray\\_3dg\\_01\\_03122025.pdf](https://www.ieee802.org/3/dg/public/May_2024/Murray_3dg_01_03122025.pdf)

At 2:11 PM, questions were asked and answered.

At 2:17 PM, the chair moved to the next presentation.

Presentation: 100BASE-T1L Block Structure

Presenter: Brian Murray, affiliated with Analog Devices

[https://www.ieee802.org/3/dg/public/May\\_2024/Murray\\_3dg\\_02\\_03122025.pdf](https://www.ieee802.org/3/dg/public/May_2024/Murray_3dg_02_03122025.pdf)

At 2:28 PM, questions were asked and answered.

At 2:29 PM, the next presentation started.

Presentation: 100BASE-T1L PCS and PMA Clause 45 Registers

Presenter: Brian Murray, affiliated with Analog Devices

Two versions of Mr. Murray's presentation are posted on the task force website.

3 – original, [https://www.ieee802.org/3/dg/public/May\\_2024/Murray\\_3dg\\_03\\_03122025.pdf](https://www.ieee802.org/3/dg/public/May_2024/Murray_3dg_03_03122025.pdf)

3a – presented option, [https://www.ieee802.org/3/dg/public/May\\_2024/Murray\\_3dg\\_03a\\_03122025.pdf](https://www.ieee802.org/3/dg/public/May_2024/Murray_3dg_03a_03122025.pdf)

At 2:47 PM, questions were asked and answered.

At 3:03 PM, the chair called for the final presentation

Presentation: Remote Fault Handling

Presenter: William Lo, affiliated with Axonne

[https://www.ieee802.org/3/dg/public/May\\_2024/Lo\\_3dg\\_01\\_0325%20.pdf](https://www.ieee802.org/3/dg/public/May_2024/Lo_3dg_01_0325%20.pdf)

At 3:17 PM, questions were asked and answered.

**Afternoon Break, begin at 3:20PM, return to session at 3:50PM.**

At 3:50 PM, the chair resumed the meeting agenda.

## **Motions**

### **Motion #1 Registers**

Move that the IEEE P802.3dg Task Force adopts slides 1 to 18 of Murray\_3dg\_03a\_0312025.pdf with editorial licenses.

M: Brian Murray

S: Michal Brychta

Technical >= 75%

Motion passes without objection.

### **Motion #2 Block Structure Option B**

Move that the IEEE P802.3dg Task Force adopt slides 10 to 13 of Murray\_3dg\_02\_03122025.pdf.

M: Brian Murray

S: William Lo

Technical >= 75%

Motion passes without objection

### **Motion #3 Add aLF/aRF to Clause 22 MII**

Move that the IEEE P802.3dg Task Force adopt slide 10 of Murray\_3dg\_01\_03122025.pdf

M: Brian Murray  
S: William Lo

Technical >= 75%

Motion passes without objection

### **Motion #4 Draft Adoption**

Charter the editor to produce draft 1.0 based on posted draft 0.3, the known errata of slide 7 of Zhuang\_3dg\_0325.pdf, and the proposals adopted by motion at this meeting.

M: Yan Zhuang  
S: Chad Jones

Technical >= 75%

Motion passes without objection

### Next Meetings

- May 2025 802.3 Interim, New Orleans, LA, May 12 – 15, 2025
  - 802.3dg task force will likely meet on Monday
  - Please follow the reflector for details
- In-Person with Remote Access, REGISTRATION REQUIRED
  - See <https://www.ieee802.org/3/interims/index.html> for information

Having exhausted the agenda, the chair adjourned the meeting at **4:23 PM EDT**.

## Appendix A: IEEE P802.3dg Long-Reach Single Pair Ethernet Task Force Attendance (3/12/2025)

Name	IMAT	Webex
Agarwal, Uttam	1	X
Aronson, Joseph	1	X
Baggett, Tim	2	X
Bar-Niv, Amir	1	X
Beauregard, Francois	2	X
Benyamin, Saied	1	X
Boyer, Rich	2	X
Brandt, David	2	X
Brychta, Michal	2	X
Chang, Jae-yong	2	X
Chimento, Nicholas	2	X
Chini, Ahmad	2	X
Cordaro, Jay	1	X
Effenberger, Frank		X
Fellhauer, Felix	1	X
Fuller, Paul	2	X
Gopal, Amrit	2	
Goto, Hideki	2	X
Graber, Steffen	2	X
Gupta, Ajeya	2	X
Hoshino, Masayuki	2	X
HYAKUTAKE, YASUHIRO	2	X
Jones, Chad	1	
Jones, Peter	1	X
Jonsson, Ragnar	2	X
Kikuta, Tomohiro	2	X
Kock, Joerg	2	X
Kotani, Yasuhiro	2	X
Lackner, Hans	2	X
Lasry, Ariel	2	X
Lewis, Jon	1	X
Lo, William	2	X
Long, Richard	1	X
Lou, Wei	2	X
Maguire, Valerie		X
Matheus, Kirsten	2	X
McClellan, Brett	2	X
Murray, Brian	2	X
NIIHARA, YOSHIHIRO	2	X
Oberg, Mats	2	X
Paul, Michael	2	X
Pischi, Neven	2	X
Potterf, Jason	1	X
Schreiner, Stephan	2	X
Sharma, Rohit	2	
Shiino, Masato	1	X
sisk, jason	2	X
Stencel, Leonard	2	X
Sun, jingcong	2	X
Sun, Yi	1	X
TAKEUCHI, JUNICHI	1	X
Tanc, Ahmet	2	X
TAZEBAY, MEHMET	2	X
Thompson, Geoffrey	2	X
Torres, Luisma	1	X
Tu, Mike	1	X
Vakilian, Kambiz	2	X
Veloso Cauce, Gumersindo	2	X
Voss, Robert	2	X
Wienckowski, Natalie	2	
Withey, James		X
Wu, Charles		X

Name	IMAT	Webex
Wu, Peter	2	X
Zhang, Tingting	2	X
Zhuang, Yan	2	X
Zimmerman, George	2	X
TOTAL	62	62