

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

July 9, 2025, Electronic Interim Meeting  
via Webex

Prepared by Bob Voss  
All times in CDT

IEEE P802.3dg Task Force meeting was called to order at 07/09/2025, 8:04 AM by the task force chair, George Zimmerman.

The meeting was held 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\\_2025/agenda\\_3dg\\_01\\_20250709.pdf](https://www.ieee802.org/3/dg/public/May_2025/agenda_3dg_01_20250709.pdf)

The agenda was approved at 8:05AM by unanimous consent.

There are no minutes to approve at this meeting. Prior meeting minutes and minutes from this meeting will be approved at our next task force meeting during the July 2025 plenary meeting series.

**Members of the Press**, at 8:08AM the chair asked for any press members to identify themselves. None heard.

## Goals for the Meeting

- Fill out missing specifications to progress to Technically Complete
  - Focus on filling in 190.5 PMA Electrical, 190.8 MDI, and 180.10 Delay
- Approve pre-circulation of the draft

## Ground Rules

**Attendance**, the Chair advised the group that the attendance would be taken from from Webex.

At 8:12AM, the Chair resumed review of the agenda deck, including the following items – a review of the participation policy, a review of the IEEE copyright policy, a review of the IEEE policy on dominance, and a review of the IEEE Standards process. There were no questions.

**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 8:13 AM and **none** responded.

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

At 8:14 AM, 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.

## Presentations and Discussion:

At 8:18AM, the chair moved to presentations and discussion.

Presentation: Draft "to dos" (Excel spreadsheet)

Presenter: George Zimmerman, CME Consulting, affiliated w/ADI, APL Group, Cisco, Marvell, OnSemi, Sony

[https://www.ieee802.org/3/dg/public/May\\_2025/draft\\_to\\_dos.xlsx](https://www.ieee802.org/3/dg/public/May_2025/draft_to_dos.xlsx)

At 8:30AM, **Motion #1** was made

Move to remove editor's note and placeholder for Figure 190-2 Functional Block Diagram from the draft.

M: Chad Jones

S: Brian Murray

(Technical >= 75%)

Motion passes by unanimous consent.

At 8:33AM, the next presentation began.

Presentation: Proposal for the Transmit PSD and MDI Return Loss

Presenter: Michal Brychta, affiliated with Analog Devices

[https://www.ieee802.org/3/dg/public/May\\_2025/Brychta\\_3dg\\_01\\_07092025.pdf](https://www.ieee802.org/3/dg/public/May_2025/Brychta_3dg_01_07092025.pdf)

At 8:54AM, questions and discussions were invited by presenter.

At 8:56AM, **Motion #2** was made

Move to adopt PSD mask on slide 3 and the MDI Return Loss on slide 8 of Brychta\_3dg\_01\_07092025.pdf inclusion into the IEEE P802.3dg draft.

M: Michal Brychta

S: Peter Jones

(Technical >= 75%)

Motion passes by unanimous consent

At 9:01AM, the next presentation began.

Presentation: Proposed PMA Electrical Text

Presenter: George Zimmerman, CME Consulting, affiliated w/ADI, APL Group, Cisco, Marvell, OnSemi, Sony

[https://www.ieee802.org/3/dg/public/May\\_2025/zimmerman\\_3dg\\_01b\\_20250709.pdf](https://www.ieee802.org/3/dg/public/May_2025/zimmerman_3dg_01b_20250709.pdf)

At 9:14AM, **Motion #3** was made.

Move to accept text in Zimmerman\_3dg\_01b\_20250709.pdf for inclusion into the IEEE P802.3dg draft. Note that the PSD mask aligns with Motion #2, if there are any differences, motion #2 governs.

M: Brian Murray

S: Steffen Graber

(Technical >= 75%)

Motion passes by unanimous consent.

At 9:24AM, **Motion #4** was made.

Move to accept text from 97.10 for the Delay specification, with TBDs substituted for the delay values, and MII substituted for GMII, and 100BASE-T1L for 1000BASE-T1, with editorial license.

M: Brian Murray  
S: Steffen Graber  
(Technical >= 75%)

Motion passes by unanimous consent.

At 9:34AM, **Motion #5** was made.

Move to accept text from 97.7.1, 97.7.2 (adapted to point to Clause 190 PMA Electricals), and 97.7.2.1 (and no additional subclauses) for the MDI section, with MDI return loss on slide 8 of Brychta\_3dg\_01\_07092025.pdf for the MDI return loss.

M: Michal Brychta  
S: Steffen Graber  
(Technical >= 75%)

Motion passes by unanimous consent.

At 9:42AM, **Motion #6** was made.

Move to request that the editors produce draft 1.3, from draft 1.2 and the changes approved at this meeting and request the Chair to pre-circulate to IEEE 802.3 in preparation for requesting working group ballot (no later than 20Jul).

M: Valerie Maguire  
S: Geoff Thompson  
(Technical >= 75%)

Motion passes by unanimous consent.

Note: 14 participants on the call, 10 are 802.3 voters

### Next Meetings

July 2025 802.3 Plenary, Madrid, Spain (July 27 - Aug 1, 2025)

– 802.3dg TF days Monday afternoon / Tuesday morning – In-person with remote access

– REGISTRATION REQUIRED

- See <https://www.ieee802.org/3/interims/index.html> for information

Having exhausted the agenda, the meeting was adjourned at **9:54AM**.

**Appendix A: IEEE P802.3dg Long-Reach Single Pair Ethernet Task Force Attendance**  
**9 July 2025**

<b>Last Name</b>	<b>First Name</b>	<b>Affiliation</b>
Brychta	Michal	Analog Devices
Curran	Philip	Analog Devices
Fritsche	Matthias	Harting
Graber	Steffen	Pepperl+Fuchs
Jones	Chad	Cisco
Jones	Peter	Cisco
Maguire	Valerie	Copperopolis, aff'l w/CME Consulting and Cisco
Murray	Brian	Analog Devices
Potterf	Jason	Cisco
Riesco	Jacobo	ADI
Schicketanz	Dieter	Reutlingen University
Thompson	Geoff	GraCaSi-Ind
Voss	Bob	Panduit
Zhuang	Yan	Huawei
Zimmerman	George	CME Consulting/ADI, APL Gp, Cisco, Marvell, OnSemi, Sony