

Unconfirmed Meeting Minutes: Meeting of the IEEE P802.3dg Long-Reach Single Pair Ethernet TF

January 15, 2025, Telephonic Ad Hoc meeting

Prepared by Bob Voss

All times in CST

IEEE P802.3dg Task Force meeting was called to order at 01/15/2025, 9:03AM 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

The Chair displayed and proceeded to review the agenda in

https://www.ieee802.org/3/dg/public/May_2024/agenda_3dg_01_20250115.pdf

The agenda was approved at 9:06AM by unanimous consent.

Members of the Press, at 9:07AM the chair asked for any press members to identify themselves. None heard.

Goals for the Meeting

- Progress PHY baseline consensus
- Hear technical proposals in preparation for the Interim meeting next week

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

At 9:09AM, 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 9:15AM and **none** responded.

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

At 9:16AM, 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 9:22AM, the Chair moved on to the presentations.

Presentation: 4B6B Coding for Training

(Presented by Tingting Zhang, Huawei Technologies)

- https://www.ieee802.org/3/dg/public/May_2024/Tingting_3dg_15_01_2025.pdf
- Presentation started at 9:23AM.
- Starting at 9:30AM, questions were asked and answered.

Presentation: Link Synchronization for 100BASE-T1L

(Presented by Brian Murray, Analog Devices)

- https://www.ieee802.org/3/dg/public/May_2024/Murray_3dg_01_01152025.pdf
- Presentation started at 9:33AM.
- Starting at 9:47AM, questions were asked and answered.

Presentation: PHY Control for 100BASE-T1L

(Presented by Brian Murray, Analog Devices)

- https://www.ieee802.org/3/dg/public/May_2024/Curran_3dg_01_01152025.pdf
- Presentation started at 9:56AM.
- Starting at 10:33AM, questions were asked and answered.

Presentation: Proposal for Training and PHY Control State Diagram for 100BASE-T1L

(Presented by Brian Murray, Analog Devices)

- https://www.ieee802.org/3/dg/public/May_2024/Curran_3dg_01_01202025.pdf
- Presentation started at 10:46AM, providing the task force with a preview of its contents.
- Presentation preview concluded at 10:54AM.

Presentations and discussion concluded at 10:56AM.

Future Meetings

- January 2025 IEEE 802.3 Interim – Phoenix, AZ – 20Jan-23Jan2025
 - Joint meeting with 802.3da, POPI study group
 - 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 **11:02AM**.

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

Last Name	First Name	Affiliation
Brandt	David	Rockwell Automation
Brychta	Michal	Analog Devices
Curran	Philip	Analog Devices
Fritsche	Matthias	HARTING
Huszak	Gergely	Kone
Jones	Chad	Cisco
Jones	Peter	Cisco
Jonsson	Ragnar	Marvell
Law	David	HPE
Maguire	Valerie	Copperopolis, aff'l w/ CME Consulting and Cisco
Murray	Brian	Analog Devices
Paul	Michael	ADI
Potterf	Jason	Cisco
Riesco	Jacobo	ADI
Schreiner	Stephan	Rosenberger
Steffen	Graber	Pepperl+Fuchs
Stencel	Len	TDK
Voss	Bob	Panduit
Zhang	Tingting	Huawei
Zimmerman	George	CME Consulting/ADI, APL Gp, Cisco, Marvell, OnSemi, SenTekSe, Sony