

Unconfirmed Meeting Minutes: Meeting of the IEEE P802.3dg 100 Mb/s Long-Reach  
Single Pair Ethernet Task Force

Wednesday July 13, 2022  
Hybrid Task Force meeting

Prepared by Bob Voss and Peter Jones

IEEE 802.3dg 100 Mb/s Long-Reach Single Pair Ethernet Task Force meeting called to order at **8:08AM EDT**, Wednesday, July 13, 2022 by George Zimmerman, Chair of the IEEE 802.3dg Task Force.

The meeting was held electronically via in-person attendance in Montreal, Canada and remotely using WebEx. All presentations referenced in these minutes are located on the Task Force Meeting Materials site. The Chair asked if there were any corrections or additions to the agenda. The agenda was modified by adding approval of previous meeting minutes. There being no further corrections or additions, the agenda was approved by unanimous consent.

Attendance is listed in Appendix A

#### Administrative Matters

Mr. Zimmerman called the meeting to order. Mr. Zimmerman asked for task force approval as recording secretary of Peter Jones (present in-person in Montreal) and Bob Voss (participating remotely via WebEx). No objections heard.

Mr. Zimmerman then called for a brief round of introductions for in-person participants. This being a hybrid meeting with remote participation via teleconference, the Chair asked that participants introduce themselves when speaking, in lieu of a formal roll call of remote participants. No objections heard.

**At 8:16AM EDT**, Mr. Zimmerman displayed and reviewed the agenda deck at [https://www.ieee802.org/3/dg/public/May\\_2022/agenda\\_3dg\\_01\\_220722.pdf](https://www.ieee802.org/3/dg/public/May_2022/agenda_3dg_01_220722.pdf).

The Chair asked if there were any corrections or additions to the agenda. The agenda was modified by adding approval of previous meeting minutes. There being no further corrections or additions, the agenda was approved by unanimous consent.

**At 8:17AM EDT**, The Chair asked if anyone has not had a chance to review the minutes for **May 24, 2022 and June 22, 2022**. None responded. The chair, Mr. Zimmerman, asked for approval of the minutes from these previous meetings. No objections heard. Meeting minutes approved by unanimous consent.

**Members of the Press** At **8:19AM EDT** the chair asked for any press members to identify themselves. None heard.

Agenda deck continues. Chair reviewed the meeting ground rules.

From the “INSTRUCTIONS FOR THE WG CHAIR” slide in [https://www.ieee802.org/3/WG\\_tools/templates/Task\\_Force\\_agenda\\_V3p9.pptx](https://www.ieee802.org/3/WG_tools/templates/Task_Force_agenda_V3p9.pptx):

Instruct the WG Secretary to record in the minutes of the relevant WG meeting:

- That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
- That the chair or designee provided an opportunity for pt

**At 8:23AM EDT**, Mr. Zimmerman reminded participants that a registration fee is required to participate in this and other IEEE 802.3 plenary meetings during the week and explained consequences of not paying this fee. Mr. Zimmerman placed a sign-up sheet in circulation within the meeting room to record the presence of in-person participants. This action taken at **8:28AM EDT**.

**At 8:29AM EDT**, Mr. Zimmerman 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**, Mr. Zimmerman read aloud the patent slides at **8:33AM EDT**. The call for Potentially Essential Patents was made at **8:37AM EDT** and none responded.

The slides on SA Copyright Policy as well as Code of Ethics and Conduct were shown and presented at **8:38 AM EDT**.

**At 8:46AM EDT** opening agenda slides complete. The meeting moves on to presentations.

Presentations and Discussion:

**8:48AM EDT:** Presentation by Peter Fischer, BKS Kabel-Service AG  
“**Building signal integrity for PWM disturbed SPE links**”

**9:06AM EDT:** Start of Q&A.

*The group experienced AV issues which consumed meeting time and hindered remote participation*

**9:09AM EDT:** presentation done.

**9:09AM EDT:** Presentation by Bernd Hormmeyer, Phoenix Contact, GmbH Co AG  
“Standardization activities related to servo drives”

**9:22AM EDT:** Start of Q&A.

**9:25AM EDT:** *The group experienced AV issues which consumed meeting time and hindered remote participation*

**10:02AM EDT:** presentation done.

**10:02AM EDT** Meeting Recess

**10:20AM EDT** Meeting resumes

**10:20AM EDT** Presentation by Piergiorgio Beruto, OnSemi  
“IEEE 802.3dg – Noise Environment Definition”

**10:40AM EDT** Start of Q&A

**10:46AM EDT** Presentation done

**10:46AM EDT** Chair leads open discussion about target noise environments  
(see agenda\_3dg\_01a\_220722.pdf slide 33 for notes)

**11:00AM EDT** The group experienced AV issues which consumed meeting time and hindered remote participation.

**11:10AM EDT** Discussion concludes

**11:11AM EDT** Chair leads open discussion of open items, preliminary timeline, next steps, etc.  
(see agenda\_3dg\_01a\_220722.pdf slide 34)

**11:55AM EDT** Agenda concludes, meeting is adjourned (no afternoon session).

**Next Meeting: August 3, 2022, 7:00AM PDT via WebEx**

**Meeting closed at 11:55AM EDT**

*Appendix A: Attendees at IEEE P802.3dg 100 Mb/s Long-Reach Single-Pair Ethernet Task Force*

<b>Last Name</b>	<b>First Name</b>	<b>Affiliation</b>	<b>WebEx</b>	<b>IMAT</b>	<b>In-Person</b>
Aekins	Rob	Legrand	X	X	
Baggett	Tim	Microchip Technology, Inc.		X	X
Beaudoin	Denis	Texas Instruments Inc.	X	X	
Beruto	Piergiorgio	onsemi		X	X
Brandt	David	Rockwell Automation	X	X	
Brychta	Michal	Analog Devices Inc.	X	X	
Carty	Clark	Cisco Systems, Inc.		X	X
Cuesta	Emelio	TE Connectivity			X
Donahue	Curtis	Rohde & Schwarz	X		
Fellhauer	Felix	Robert Bosch	X	X	X
Fischer	Peter	BKS Kabel-Service AG	X	X	
Fortin	Eric	Nokia		X	
Graber	Steffen	Pepperl+Fuchs SE	X	X	
Hess	David	Cord Data / Cord Data	X	X	
Hormmeyer	Bernd	Phoenix Contact		X	X
Huszak	Gergely	KONE		X	X
Jones	Chad	Cisco Systems, Inc.	X	X	
Jones	Peter	Cisco Systems, Inc.	X	X	
Kadry	Haysam	Ford Motor Company			X
Kawatsu	Yasuki	APRESIA Systems	X		
Lackner	Hans	QoSCom - Quality in Communications - GmbH		X	X
Larsen	Wayne	CommScope	X	X	
Mark	Simon	Würth Elektronik Group		X	X
Mu	Tong	Huawei Technologies Co., Ltd	X	X	
Patel	Harsh	Amphenol CS			X
Potterf	Jason	Cisco Systems, Inc.	X	X	X
Renteria	Victor	Bel Fuse	X	X	X
Rettig	Thomas	Beckhoff Automation		X	X
Schreiner	Stephan	Rosenberger	X	X	
Sisk	Jason	UNH-IOL		X	X
Stewart	Heath	Analog Devices Inc.		X	X
Su	Charles	Huawei	X		
Sun	Wensheng	Marvell Semiconductor, Inc.	X	X	
Sydow	Carsten	Maxlinear			X
Tazebay	Mehmet	Broadcom	X	X	X
Thompson	Geoff	INDEPENDENT	X	X	
Tremblay	David	Hewlett Packard Enterprise	X	X	
Tu	Mike	Broadcom Corporation	X	X	
Vanderlaan	Paul	UL LLC	X	X	
Voss	Robert	Panduit Corp.	X	X	

Withey	James	Fluke Corporation		X	
Wu	Peter	Marvell Semiconductor, Inc.	X	X	
Xu	Dayin	Rockwell Automation	X	X	
Zhang	Tingting	Huawei Technologies Co., Ltd	X	X	
Zhuang	Yan	Huawei	X		
Zimmerman	George	CME Consulting/APL Group, CommScope, Cisco Systems, Marvell, and SenTekse	X	X	X
Zou	Gaoling	Maxim Integrated Products		X	X