

Unconfirmed Meeting Minutes: IEEE P802.3dd Power over Data Lines of Single Pair Ethernet
(Maintenance #17) Task Force
August 31, 2021

Prepared by George Zimmerman

IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) Task Force meeting convened at 9:02 AM (PST), Tuesday, August 31, 2021 by George Zimmerman, IEEE P802.3dd Task Force Chair

Attendance is listed in Appendix A

Presentation: https://www.ieee802.org/3/dd/public/agenda_3dd_01_08312021.pdf

Presenter: George Zimmerman, Chair.

The Chair called for introductions and affiliations, the participants introduced themselves, and the Chair then proceeded with the agenda.

The Chair reviewed the agenda. Mr. Zimmerman turned to the presentation and reviewed the schedule of presentations for the meeting.

Agenda in [agenda_3dd_01_08312021.pdf](#) was approved by unanimous consent.

Minutes for Aug 24 have been posted. The chair asked if there were any changes or corrections, and if there was any objection to approval by unanimous consent. None responded. The three sets of minutes were approved by unanimous consent.

The Chair then resumed the review of agenda presentation:

- Mr. Zimmerman noted that there should be no recording or photography without permission.
- At 9:05 am, Mr. Zimmerman 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.

Mr. Zimmerman then continued review of the presentation, Big Ticket items for this meeting, reviewed the goals for the meeting, access to the reflector and website, and ground rules.

IEEE Patent Policy, Mr. Zimmerman read aloud the patent policy for Task Forces from [agenda_3dd_01_08312021.pdf](#), page entitled “Guidelines for IEEE-SA Meetings” (9:07 am).

There was no response to the call for patents at 9:08 am.

Mr. Zimmerman reviewed the IEEE SA copyright policy, ethics policy, and individual participation policies at 9:10, as shown in the agenda deck

Mr. Zimmerman reviewed the standards development process for IEEE and where this Task Force is in the process.

LIAISONS

The Chair moved to liaisons and noted that there were no liaisons for the Task Force at this time.

Attendance, Mr. Zimmerman advised the group that attendance for the meeting would be taken from the Webex log.

9:12 am The Chair completed review of the presentation.

COMMENT RESOLUTION:

The Chair moved to comment resolution on the task force review of D1.1. Results are captured in the comment resolution database.

The group agreed to conduct another round of task force review (on D1.2) commencing no later than Wednesday, 1 september at 3pm pacific time, and closing at 8am pacific time, Monday September 6, 2021. Comment resolution is expected to be held at the next meeting, Tuesday September 7 at 9am pacific.

PRESENTATIONS

The Chair then moved to the presentations for the meeting.

Title: 10BASE-T1L Droop/Return Loss vs. Power Coupling Magnetics
([Stewart 3dd 01 08312021.pdf](#))

During discussion, it was noted that the issue discussed, while not in Clause 104, is intimately related to the implementation of Clause 104, and parallels the situation of how clause 104 relates to other PHY clauses, e.g., Clause 96. The group was asked if there was any concern on this issue and none responded.

Other participants commented that they believed this would be compatible with existing PHYs and that the requirement was originally driven for intrinsic safety, which could always use the larger components at greater (relative) cost. Individuals affiliated with systems vendors voiced support for the change.

At this time specific changes are not proposed, but will likely be the subject of future work. The presenter indicated that proposed text is planned for the next meeting.

NEXT MEETING: September 6, 9AM Pacific Time, (webex, see <http://www.ieee802.org/3/calendar.html>)

Having exhausted the agenda, the meeting was adjourned at 10:35 AM pacific time.

Appendix A: Attendees at the IEEE P802.3dd Task Force meeting

IEEE P802.3dd Task Force Meeting (from webex)		
Name	Affiliation	Webex
Andy Gardner	ADI	X
Brian Murray	ADI	X
Chad Jones	Cisco	X
David Law	HPE	X
Dieter Schicketanz	Reutlingen Univ.	X
Geoff Thompson	GraCaSI/Self	X
George Zimmerman	CME Consulting/ADI, APL Group, Cisco, CommScope, Marvell, SenTekSe	X
Heath Stewart	ADI	X
James Weaver	Arista Networks	X
Jason Potterf	Cisco	X
Karl Peterson	ADI	X
Matthias Fritsche	HARTING	X
Peter Jones	Cisco	X
Peter Wu	Marvell	X
Steffen Graber	Pepperl+Fuchs	X
Victor Renteria	Bel/TRP Connector	X
Wensheng Sun	Marvell	X