

Unconfirmed Meeting Minutes: IEEE P802.3dd Power over Data Lines of Single Pair Ethernet
(Maintenance #17) Task Force
September 7, 2021

Prepared by George Zimmerman

IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) Task Force meeting convened at 9:03 AM (PST), Tuesday, September 7, 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_01a_09072021.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_01a_09072021.pdf](#) was approved by unanimous consent.

Minutes for August 31 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. (9:04)

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_01a_09072021.pdf](#), page entitled “Guidelines for IEEE-SA Meetings” (9:08 am).

There was no response to the call for patents at 9:10 am.

Mr. Zimmerman reviewed the IEEE SA copyright policy, ethics policy, and individual participation policies at 9:15, 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.

9:17 am The Chair completed review of the presentation.

Task Force Review (D1.2)

The Chair noted that draft 1.2 had been open for task force review, and that no comments were received. The Chair asked whether there were additional comments, unreceived. None responded. (9:18)

PRESENTATIONS

The Chair then moved to the presentations for the meeting. (9:19)

Title: [10BASE-T1L Droop/Return Loss vs. Power Coupling Magnetics](#)
 [\(Stewart 3dd 01 09072021.pdf\)](#)

Presenters reviewed the presentation from 8/31 on the impact of droop and return loss specs on power coupling magnetics for 10BASE-T1L. They discussed that the existing requirements were based on intrinsic safety requirements (which were a 'do not preclude' requirement for clause 146), and showed results indicating that the proposed relaxation would not impact meeting the Clause 146 requirements for PHY performance in noise for existing Clause 146 PHYs.

The changes presented were presented as text and edited as [Stewart 3dd 02 09072021.pdf](#).

The group consented to incorporate these as unapproved into the draft and produce draft 1.3.

Task Force Review & Progression to WG Ballot

The Chair noted there were no comments on the prior task force review. The group consented to a one week Task Force review, opening no later than 12 noon pacific Wednesday 8 Sept, and closing Thursday 16 Sept, AOE.

The group also consented to pre-submitting the draft 1.3 to the Working Group, as it appears technically complete, in preparation for initial Working Group ballot.

NEXT MEETING: September 21, 9AM Pacific Time, (webex, see <http://www.ieee802.org/3/calendar.html>)

Having exhausted the agenda, the meeting was adjourned at 10:29 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 Buckmeier	Bel/TRP	X
Brian Murray	Analog Devices	X
Chad Jones	Cisco	X
Dieter Schicketanz	Reutlingen University	X
Geoff Thompson	GraCaSI S.A.	X
George Zimmerman	CME Consulting/ADI, APL Group, Cisco, Commscope, Marvell, SenTekSe	X
Heath Stewart	ADI	X
Karl Peterson	ADI	X
Steffen Graber	Pepperl+Fuchs	X
Victor Renteria	Bel/TRP	X
wensheng sun	marvell	X