

Minutes IEEE P802.3ch Multigig Automotive Ethernet PHY TF AdHoc meeting September 18, 2019

Prepared by George Zimmerman and Natalie Wienckowski

Proposed Agenda:

Title	Presenters(s)	Affiliation(s)
Agenda	George Zimmerman (ad hoc Chair)	CME Consulting/ADI, APL Group, Aquantia, BMW, Cisco, Commscope, SenTekse
Task Force Chair's Comments	Steve Carlson Natalie Wienckowski	High Speed Design, Robert Bosch GmbH & Marvell General Motors, NA
Fmax for Coupling & Screening Attenuation	Eric DiBiaso	TE Connectivity
Closing	Steve Carlson	High Speed Design, Robert Bosch GmbH & Marvell

[See adhoc webpage for agenda deck and presentations](#)

Agenda/Admin George Zimmerman as ad hoc chair:

Meeting began at 7:06 am PT.

Introductions & Affiliations.

Presented file:

http://www.ieee802.org/3/ch/public/adhoc/agenda_3chah_01_091819.pdf

1. Reviewed the Attendance information related to the ad hoc.
2. Displayed the Participation slide and reviewed it.
3. Displayed patent slide deck and reviewed it.
Call for Patents was made at 7:11 am Pacific Time, none responded
4. Reminded participants to indicate full names and employer/affiliation for the meeting minutes.

Instructions for subscribing to the reflector may be found at <http://www.ieee802.org/3/ch/reflector.html>. If you cannot subscribe to the reflector for some reason, and need additional assistance please contact the Task Force chair.

Task Force Chair's Comments – Steve Carlson

The Task Force Chair, Steve Carlson, was not able to attend.

The Chief Editor, Natalie Wienckowski, let the group know that D2.2 is available on our website now. Participants are welcome to provide comments on the “clean” draft. Everyone is welcome to provide comments on the draft; however, only voting Members of P802.3 as of the March 2019 meeting can submit “required” comments. The ballot will be started by David Law and he will specify the end date for the ballot.

Presentations/Discussion:

Presentation: Fmax for Coupling & Screening Attenuation, Eric DiBiaso, TE Connectivity

[DiBiaso_3ch_01_09-18-19.pdf](#)

The presenter discussed the upper frequency for the screening attenuation and coupling attenuation in the draft, using draft 2.1 as an example, showing that they are inconsistent.

There was discussion as to whether the coupling and screening attenuation should remain defined as it currently is and an Editorial change be made to the graph to match the equation, or if a Technical change should be made to the equation to 5500 MHz for all speeds, $5500 \times S$ MHz, or 4000 MHz for all speeds. Participants are encouraged to use the reflector to discuss this issue and gain consensus prior to the contingent interim teleconference scheduled for October 15th.

Closing Discussion

The Ad Hoc Chair, Mr. Zimmerman, reminded participants that the next meeting is scheduled for October 2nd, just before the ballot on D2.2 is expected to end.

The Chief Editor, Mrs. Wienckowski, reminded participants of the planned schedule for D2.2, with the ballot to end around October 4th and proposed responses available by October 10th.

Meeting adjourned at 7:40 AM PT.

Attendees (from Webex + emails)

First	Last	Affiliation
Shaziah	A	GM
Jim	Bauer	Marvell
Rich	Boyer	Aptiv
Eric	DiBiaso	TE Connectivity
Jim	Graba	broadcom
Matthias	Jaenecke	yazaki-europe
Ragnar	Jonsson	Aquantia
Haysam	Kadry	Ford
Brett	McClellan	Marvell
Makoto	Nariya	Sony

Christian	Neulinger	MD-Elektronik
Josef	Ohni	MD-Elektronik
Douglas	Oliver	Ford
Harsh	Patel	Molex
Robert	Rodenkirchen	yazaki-europe
Hossein	Sedarat	Ethernovia
Steve	Sedio	TDK
Tom	Souvignier	broadcom
Geoff	Thompson	Independent
Mike	Tu	broadcom
Natalie	Wienckowski	GM
George	Zimmerman	CME Consulting/ADI, APL Gp, Aquantia, BMW, Cisco, CommScope
TOTAL	22	Attendees