Minutes IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet PHY TF AdHoc meeting March 29, 2022

Prepared by Natalie Wienckowski

Proposed Agenda:

Title	Presenters(s)	Affiliation(s)
Agenda	Natalie Wienckowski (ad hoc Chair)	General Motors
TF Chair's Comments	Steve Carlson	High Speed Design, Robert Bosch GmbH, Ethernovia
PoDL Considerations for MDI Return Loss Mask	Andrew Gardner	ADI
P802.3cy To-do list	Natalie Wienckowski	General Motors
Closing Remarks	Steve Carlson	High Speed Design, Robert Bosch GmbH, Ethernovia

See adhoc webpage for agenda deck and presentations

Agenda/Admin Natalie Wienckowski as ad hoc chair:

Meeting began at 10:04 am ET.

Introductions & Affiliations.

Presented file: cy Task Force adhoc agenda 03 29 22.pdf

1. Reviewed the Attendance information related to the ad hoc.
2. Displayed patent slide deck and asked if any participant had not read the IEEE-SA Patent Slides slide set, none responded.
   Call for Patents was made at 10:13 am Eastern Time, none responded
3. Displayed the IEEE-SA Copyright policy slide and asked if any participant had not read the IEEE copyright slide set, none responded.
4. Displayed the IEEE-SA Participation slide and reviewed it.
5. 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/cy/reflector.html. If you cannot subscribe to the reflector for some reason, and need additional assistance please contact the Task Force chair.

Chair's comments: None at this time

Presentations/Discussion:

Presentation: PoDL Considerations for MDI Return Loss Mask (Andrew Gardner, ADI)

Andrew provided a presentation on PoDL considerations for the MDI return loss mask. Constraints on the inductors used and the impact on RL were provided. It may be necessary to use multiple inductors for higher frequency operation. Next steps were proposed.

There were questions about getting inductors for the higher frequency requirements for cy. The data presented for ch does not go to a high enough frequency. A future presentation on higher frequency inductors may be provided.

Presentation: P802.3cy To-do list usage (Natalie Wienckowski, General Motors)

The to-do list was reviewed and updated. Participants are urged to review the list for topics they can support and for missing topics. Please send a message to the reflector with requested changes to the list.

The current list can be found on this page: To Do spreadsheets

Closing Discussion

George is looking for feedback/input on laning.

Hossein is looking for feedback/input on REM tail.

Please review the D1.0 and submit comments prior to the deadline of April 3rd, AOE. You can find the announcement for the review here: https://www.ieee802.org/3/B10GAUTO/email/msg00306.html

Early hotel registration for the July Plenary is available. Please see the agenda for details. It has not yet been decided if the meeting will be in-person or hybrid. It is likely to include remote access.

Our next meeting will be on April 5th.

Meeting adjourned at 11:19 AM ET.

Attendees (download participant list, email)

First	Last	Affiliation
Chris	DiMinico	MC Communications, PHY-SI, SenTekse / Panduit
Chris	Goralka	Foxconn Interconnect Technology
Christian	Neulinger	MD Elektronik
Clark	Carty	Cisco
Claude	Gauthier	NXP
Dave	Hess	Cord Data
Eric	DiBiaso	TE Connectivity
Erwin	Köeppendörfer	Leoni Kabel GmbH
George	Zimmerman	CME Consulting / ADI, APL Group, Cisco Systems, CommScope, Marvell, SenTekSe
German	Feyh	Broadcom
Harsh	Patel	Amphenol ICC
Haysam	Kadry	Ford
Hossein	Sedarat	Ethernovia
Jae-yong	Chang	Keysight

First	Last	Affiliation
Jamila	Borda	BMW
Jim	Graba	Broadcom
Jonathan	Silvano de Sousa	GG - Austria
Kadir	Dinc	Broadcom
Kambiz	Vakilian	Broadcom
Keisuke	Kawahara	FURUKAWA ELECTRIC
Louise	Yi	FIT
Mike	Tu	Broadcom
Natalie	Wienckowski	General Motors
Peter	Wu	Marvell
Ragnar	Jonsson	Marvell
Rich	Boyer	Aptiv
Sami	Akin	VW
Steve	Carlson	High Speed Design, Robert Bosch GmbH, Ethernovia
Sujan	Pandey	Huawei
Terry	Little	Foxconn Interconnect Technology
Thomas	Müller	Rosenberger
Tingting	Zhang	Huawei
Toshihisa	Hyakudai	Sony
Yoshihiro	Niihara	Fujikura Ltd.
Yusuke	Yano	NI Tech
Zhangsen		Huawei
TOTAL	**36**	**Attendees**