

Minutes IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet PHY TF AdHoc meeting February 22, 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
802.3cy PMA Training Frame	Mike Tu	Broadcom
Low Frequency IL Proposal for P802.3cy	Natalie Wienckowski	General Motors
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 10:03 am ET.

Introductions & Affiliations.

Presented file: [cy Task Force adhoc agenda 02 22 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 10:09 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: [802.3cy PMA Training Frame](#) (Mike Tu, Broadcom)

Mike provided a presentation with a proposal on the PMA Training frame for P802.3cy. Mike reviewed what is specified for IEEE Std 802.3ch and provided a proposal of what to do in P802.3cy based on what has been defined for ch.

Presentation: [Low Frequency IL Proposal for P802.3cy](#) (Natalie Wienckowski, General Motors)

Natalie presented a proposal for adding frequency ranges for the test boards and for the PCB and components (MDI). There was a lot of discussion on this topic, including whether the Link Segment minimum frequency was modified.

There were straw polls on this, see updated presentation, link updated above, with results added, and the consensus was to set the minimum frequency for these to 1 MHz.

Please note: This was not for the link segment. Additional presentations, comments would be required to change the minimum frequency of the link segment.

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.

Using Clause 143 for the laning may not be the best way to go so other options are being considered.

The current list can be found on this page: [To Do spreadsheets](#)

Closing Discussion

Please see the agenda for details on the 802 Plenary, including registration information and details for gaining attendance credit.

Please review the D0.5 and submit comments prior to the deadline of February 27th, AOE.

Presentation requests for the March 8th and 15th P802.3cy meetings during the March Plenary are due on Wednesday March 2nd by 3pm EST. If you have a preferred day to present, please include that with your request. Presentations associated with comments on D0.5 need to be sent with your D0.5 comments. You do not need to make a separate presentation request for these as they will be reviewed during comment resolution.

Our next meeting will be on March 8th.

Meeting adjourned at 11:47 AM ET.

Attendees (download participant list, email)

First	Last	Affiliation
Alejandro	Castrillon	Marvell

First	Last	Affiliation
Bill	Simms	Nvidia
Brett	McClellan	Marvell
Chris	Goralka	Foxconn Interconnect Technology
Christian	Neulinger	MD Elektronik
Claude	Gauthier	NXP
David	Law	HPE
Eric	DiBiaso	TE Connectivity
Erwin	Köepfendorfer	Leoni Kabel GmbH
George	Zimmerman	CME Consulting / ADI, APL Group, Cisco Systems, CommScope, Marvell, SenTekSe
Giuseppe	Tofanicchio	ST
Harsh	Patel	Amphenol ICC
Heng	Zhao	Aeonsemi Inc.
Hossein	Sedarat	Ethernovia
Jamila	Borda	BMW
Jim	Graba	Broadcom
Jonathan	Silvano de Sousa	GG - Austria
Keisuke	Kawahara	FURUKAWA ELECTRIC
Leon	Bruckman	Huawei
Louise	Yi	FIT
Manabu	Kagami	NITech (Nagoya Institute of Technology)
Martin	Glanzner	SEI ANTech Europe GmbH
Mike	Tu	Broadcom
Natalie	Wienckowski	General Motors
Nobuyasu	Araki	Yazaki
Peter	Wu	Marvell
Ragnar	Jonsson	Marvell
Roger	Karem	Upower
Sami	Akin	VW
Steve	Carlson	High Speed Design, Robert Bosch GmbH, Ethernovia
Taiji	Kondo	MegaChips
Terry	Little	Foxconn Interconnect Technology
Thomas	Müller	Rosenberger
Tingting	Zhang	Huawei
Tom	Souvignier	Broadcom
Toshihiro	Ichimaru	Sumitomo
Toshihisa	Hyakudai	Sony
Yoshihiro	Niihara	Fujikura Ltd.
TOTAL	38	Attendees