

Minutes IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet PHY TF AdHoc meeting December 20, 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
Realtime oscilloscope bandwidth considerations for 25 Gbps PAM4 patterns	Jae-Yong Chang	Keysight Technologies
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 12 20 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 10:08 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: No comments at this time.

Presentations/Discussion:

[Presentation: Realtime oscilloscope bandwidth considerations for 25 Gbps PAM4 patterns \(Jae-Yong Chang, Keysight Technologies\)](#)

Jae-Yong shared a presentation on the background of how oscilloscope bandwidth has been determined. He went on to explain how this is outdated and how this is generally done today. He provided a recommendation for a filter to use and a suggested scope bandwidth.

Closing Discussion

The D3.0 ballot will end on December 22nd. Please make sure you get your ballot in on time if you are a member of the ballot group. If you are not a member of the ballot group you are asked to send your comments by December 19th.

The January 802.3 Interim will be held the week of January 16th and will be virtual only. There is no registration required and there is no fee. Please see the announcement from David Law for additional information. [\[802.3 DIALOG\] IEEE 802.3 January 2023 teleconference interim meeting series announcement](#)

Comment resolution will occur on January 16th and 17th. If needed it will be continued on January 24th.

Registration is open for the March Plenary, which will be a hybrid meeting.

Meeting adjourned at 10:34 AM ET.

Attendees (download participant list, email)

First	Last	Affiliation
Abbas	Alwishah	Molex
Bill	Simms	Nvidia
Brett	McClellan	Marvell
Chris	Goralka	Foxconn Interconnect Technology
Christian	Neulinger	MD Elektronik
Erwin	Köepfendorfer	Leoni Kabel GmbH
Harsh	Patel	Amphenol ICC
Jae-Yong	Chang	Keysight
Janik	Steyer-Ege	Robert Bosch
Jim	Graba	Broadcom
Jonathan	Silvano de Sousa	GG - Austria
Keisuke	Kawahara	FURUKAWA ELECTRIC
Luisma	Torres	KDPOF
Mike	Tu	Broadcom
Natalie	Wienckowski	General Motors
Peter	Wu	Marvell
Ragnar	Jonsson	Marvell
Rohit	Sharma	Molex
Steve	Carlson	High Speed Design, Robert Bosch GmbH, Ethernova
Terry	Little	Foxconn Interconnect Technology
TOTAL	20	Attendees

