

# Minutes IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet PHY TF AdHoc meeting August 2, 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
Scrambler Performance for Speed Beyond 25GBASE-T1	Sujan Pandey	Huawei B.V.
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 08 02 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:** The Chair is not in attendance.

## Presentations/Discussion:

**Presentation:** [Scrambler Performance for Speed Beyond 25GBASE-T1](#) (Sujan Pandey, Huawei B.V.)

Sujan shared a presentation regarding the D2.0 P802.3cy scrambler. He discussed what he thinks may be required in the future if multiple PHYs are used to make faster links.

Making changes for faster speeds is out of scope for P802.3cy.

The spec currently states the choice of seed is up to the implementer. This has been solved for many projects by the implementers. This is a good reminder for implementers to select seeds carefully.

Please note: This is not a guarantee of future work!

## Closing Discussion

Closing remarks were provided by Natalie Wienckowski.

D2.0 is currently in WG review with comments due 23:59 August 14 AOE.

The September Interim will be September 12<sup>th</sup> through 15<sup>th</sup>. Attendance credit will be granted to those who attend at least 2 of the 4 days.

Our next meeting will be an ad hoc on August 9<sup>th</sup>.

We will have an interim meeting on August 16<sup>th</sup> for comment resolution.

We have contingent interims scheduled for August 22<sup>nd</sup> and 23<sup>rd</sup>. These meetings are dependant on the number of comments received.

Meeting adjourned at 10:39 AM ET.

## Attendees (download participant list, email)

First	Last	Affiliation
Bill	Simms	Nvidia
Bob	Grow	RMG Consulting
Brett	McClellan	Marvell
Chris	Goralka	Foxconn Interconnect Technology
Emilio	Cuesta	TE Connectivity
Harsh	Patel	Amphenol ICC
Heiko	Strohmeier	Robert Bosch
Hossein	Sedarat	Ethernovia
Jae-yong	Chang	Keysight
Jim	Graba	Broadcom
Keisuke	Kawahara	FURUKAWA ELECTRIC
Mike	Tu	Broadcom
Natalie	Wienckowski	General Motors
Peter	Wu	Marvell
Ragnar	Jonsson	Marvell
Rich	Boyer	Aptiv

<b>First</b>	<b>Last</b>	<b>Affiliation</b>
Sami	Akin	VW
Sujan	Pandey	Huawei
Thomas	Müller	Rosenberger
Tingting	Zhang	Huawei
Yoshihiro	Niihara	Fujikura Ltd.
<b>TOTAL</b>	<b>21</b>	<b>Attendees</b>