

# Minutes IEEE 802.3 Multigig Automotive Ethernet PHY SG AdHoc meeting April 19, 2017

Prepared by Steve Carlson

(revised 5/2/17 – G. Zimmerman to correct links, agenda file, and that Mr. Carlson led the closing discussion)

## Proposed Agenda:

1. Agenda/Admin: Steve Carlson, agenda\_3NGAUTOah\_01a\_041917.pdf
2. SG Chair's comments: Steve Carlson, no presentation
3. Presentation: Specification Gaps and Improvement of MDC/MDIO Interface for Automotive Applications - Rubén Pérez-Aranda, David Ortiz, Luis Manuel Torres - KDPOF
4. Next steps

**Presentations were posted to the adhoc webpage the evening before**

## Agenda/Admin Steve Carlson, SG Chair acting as ad hoc chair:

Meeting began at 7:03am PT.

## Introductions & Affiliations.

### Presented file: [agenda 3NGAUTOah 01a 041917.pdf](#)

1. Reviewed the Attendance information related to the ad hoc.
2. Displayed the Participation slide and reviewed it.
3. Displayed pre-par patent slide deck, and reviewed it.
4. Reminded participants to indicate full names and employer/affiliation for the meeting minutes.

The reflector and website are now up, and we are now using the NGAUTO reflector. Instructions for subscribing to the reflector may be found at <http://www.ieee802.org/3/NGAUTO/reflector.html>. If you cannot subscribe to the reflector for some reason, and need additional assistance please contact the study group chair.

## Presentations/Discussion:

**Chair's Comments & Discussion Steve Carlson, Chair, Multigig Automotive Ethernet PHY Study Group:** Steve noted that the Study Group has completed its work and that the PAR, CSD and objectives have been approved by 802.3 and the 802 EC. The PAR is on the May 4, 2017 NesCom teleconference call agenda with a 10-day email ballot to follow. It is expected that NGAUTO will meet as the P802.3ch Task Force in May.

## Presentation: Rubén Pérez-Aranda, KDPOF , [Specification Gaps and Improvement of MDC/MDIO Interface for Automotive Applications](#)

The presenter discussed changes to the 802.3 MDIO specifications, including bus speed and voltage levels to optimize the automotive use case. There is a project in ISO to look at these issues. The Chair commented

that it was unclear as to why the existing MDIO data rate needed to be increased and suggested that such a change would be something that the 802.3 WG would need to examine, possibly as a CFI. Several participants said that they needed more time to think about this.

## Closing Business: Steve Carlson, acting as ad hoc Chair

### Follow up items, items to resolve:

Think about the MDIO issues and be prepared to discuss further on the next call, or possibly on the 10 SPE call on April 26.

### Future Meetings

The next meeting will be the regular study group interim meeting in New Orleans. Additional ad hoc meetings will continue on the current bi-weekly schedule.

Meeting closed –7:46 am PT

## Attendees (from Webex + emails) (TO BE ADDED)

First	Last	Affiliation
Rubén	Pérez-Aranda	KDPOF
Natalie	Wienckowski	GM
Anhtuan	Huynh	Leoni
Luis Manuel	Torres	KDPOF
T.	Hayashi	Hatlab JP
Steve	Carlson	HSD, Bosch
Wes	Mir	Delphi
Henry	Muyshondt	Microchip
John	Yurtin	Delphi
Harsh	Patel	Molex
Alan	Miller	Delphi
Yasuhiro	Hyakutake	Adamant JP
Marc	Dupuis	Webindsitries
Yves	Stricot	Delphi
Harald	Zweck	Infineon
Juergen	Herrle	Audi
Tobias	Belitz	Renesas
David	Law	HPE
David	Brandt	Rockwell Automation
Dalibor	Ignjatovic	Acome
Brett	McClellan	Marvell
Phillip	Brownlee	TDK
Thomas	Müller	Rosenberger
Eric	DiBiaso	TE
Yasuhiro	Hyakutake	Adamant
Karl	Weber	Beckhoff

