

Minutes IEEE 802.3 Multigig Automotive Ethernet PHY SG AdHoc meeting December 21, 2016

Prepared by George Zimmerman

Proposed Agenda:

1. Agenda/Admin: George Zimmerman, agenda_Mgigauto_122016adhoc_reva.pdf
2. GM's Multi-Gig Ethernet Objectives
3. Next steps

Presentations were not sent to NG-ECDC or NGAUTO reflectors in advance.

Agenda/Admin George Zimmerman:

Meeting began at 7:10am PT.

Introductions & Affiliations.

Presented file: agenda_Mgigauto_122016adhoc_reva.pdf

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

Presentations/Discussion:

Chair's Comments & Discussion Steve Carlson, Acting Chair, Multigig Automotive Ethernet PHY Study Group (no slides)

Steve noted that the reflector and website are now up, and we will be transitioning to the NGAUTO reflector. Instructions for subscribing to the reflector may be found at <http://www.ieee802.org/3/NGAUTO/reflector.html>.

- Steve noted that while the NGAUTO study group is scheduled to begin at 1PM on Wednesday January 11, 2017, if the 10SPE Task Force finishes early, NGAUTO could start earlier, as early as Wednesday 8AM. If anyone has travel issues, please contact Steve Carlson.
- Participants were encouraged to focus on presentations for objectives and think of wording as they present technical content for the SG.
- Steve reminded participants that an email had been sent to the reflector with instructions for requesting a presentation at the interim.

Presentation on GM's MultiGig (Automotive) Ethernet Objectives: Natalie W.

Natalie presented the deck, one of the interesting points was on construction of various cable types, using pairs in metal foil (PIMF) for shielded cabling, vs. braids for coax, and the impact that had on total relative

cost. John Yurtin offered that Delphi had done some work on the subject, and he would look into presenting it to the group.

Closing Business: George Zimmerman, CME Consulting

The next ad hoc meeting will be held on January 4 at the same time (7-9am pacific time). Webex information to be sent to the ECDC and NGAUTO (study group) reflector.

Please consider presentations to help define our project and build the objectives.

Presentation requests for the January 4 ad hoc are due Friday December 30, by 5PM Pacific Time. If no requests are received, the meeting will be cancelled – and this will be announced on both reflectors.

Meeting closed ~8:00 am PT

Attendees (from Webex + emails)

First Name	Last Name	Affiliation
Mohammad	Ahmed	TE
Shogo	Akasaki	Denso
Tobias	Belitz	Renesas
David	Brandt	Rockwell Automation
Stefan	Buntz	Daimler
Christian	Burmann	Microchip
Steve	Carlson	High Speed Design
Mabud	Choudhury	OFS
Eric	DiBiaso	TE
Marc	Dupuis	Webindustries
Matthias	Fritsche	Harting
Olaf	Grau	Bosch
Craig	Gunther	Harman
Galin	Ivanov	Microchip
Peter	Jones	Cisco
Manabu	Kagami	Toyota Central R&D Labs, Inc
Dongok	Kim	Hyundai
Brett	McClellan	Marvell
Greg	McSorley	Amphenol
Richard	Mellitz	Samtec
Wes	Mir	Delphi
Takeshi	Nishimura	Yamaichi Electronics
Doug	Oliver	Ford
Sujan	Pandey	NXP
Dieter	Schicketanz	Consultant/?
Laura	Schweitz	Turck
Karl	Weber	Beckhoff

Natalie	Wienckowski	General Motors
John	Yurtin	Delphi
George	Zimmerman	CME Consulting / Aquantia, Commscope & LTC
Helge	Zinner	Continental
Harald	Zweck	Infineon