

Multi-gig Automotive Ethernet PHY Study Group Proposed Objective

NATALIE WIENCKOWSKI

GENERAL MOTORS

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OOC INTERIM, WARREN, MI

Supporters

Natalie Wienckowski (General Motors)

Eric DiBiaso (TE Connectivity)

Bert Bergner (TE Connectivity)

Sal Canu (Microchip)

Claude Gauthier (OmniPHY)

George Zimmerman (CME Consulting)

Rich Boyer (Delphi)

Dalibor Ignatovich (Acome)

Mike Gardner (Molex)

Mabud Choudhury (OFS)

Stefan Buntz (Daimler)

John Bergen (Marvell)

Amir Bar-Niv (Aquantia)

Helge Zinner (Continental)

Objective

Define the performance characteristics of an automotive link segment and a PHY to support 10 Gb/s operation over this link segment supporting up to four inline connectors for up to at least 15 m on at least one type of shielded automotive cabling (e.g., STQ, STP, SPP, Coax, Twinax, etc.).

CSDs

Broad Market support for this objective can be found in

http://www.ieee802.org/3/NGAUTO/public/jan17/Wienckowski_3NGAUTO_01a_0117.pdf, slide 4.

Technical Feasibility can be found in

http://www.ieee802.org/3/NGAUTO/public/jan17/zimmerman_3NGAUTO_02a_0117.pdf and

http://www.ieee802.org/3/NGAUTO/public/jan17/dalmia_3NGAUTO_01a_0117.pdf.