

IEEE 802.3 Multi-Gig Automotive Ethernet PHY Task Force Opening Report

Steve Carlson

High Speed Design, Inc./Robert Bosch
GmbH

Berlin, DE

July 10, 2017

IEEE 802.3 Multi-Gig Automotive Ethernet PHY Task Force information

Task Force Organization

Steve Carlson, Chair

George Zimmerman, Ad Hoc Chair

Task Force web and reflector information

Reflector information:

<http://www.ieee802.org/3/NGAUTO/reflector.html>

Home page: <http://ieee802.org/3/ch/index.html>

PAR

<http://ieee802.org/3/ch/P802.3ch.pdf>

5 Criteria

<https://mentor.ieee.org/802-ec/dcn/17/ec-17-0069-00-ACSD-802-3ch.pdf>

Objectives

http://ieee802.org/3/ch/0317_approved_objectives_3NGAUTO.pdf

Private area: <http://ieee802.org/3/ch/private/index.html>

Note: The draft, and any other content, is posted for your review only, and neither the content nor access information should be copied or redistributed to others in violation of document copyrights

IEEE 802.3 Multi-Gig Automotive Ethernet PHY Task Force

Activities since March 2017 plenary
2 ad hoc calls on link segment baselines
First TF meeting during the May 2017
interim

Major items discussed, decisions made and
actions

- Proposals on link segments (characteristics, EMC, etc.)

- Discussion on fast start-up needs

IEEE 802.3 Multi-Gig Automotive Ethernet PHY Task Force

Meeting week plan

Goals for the meeting

Continue with link segment proposals (UTP, STP, STQ, SPP, Coax)

Big ticket items

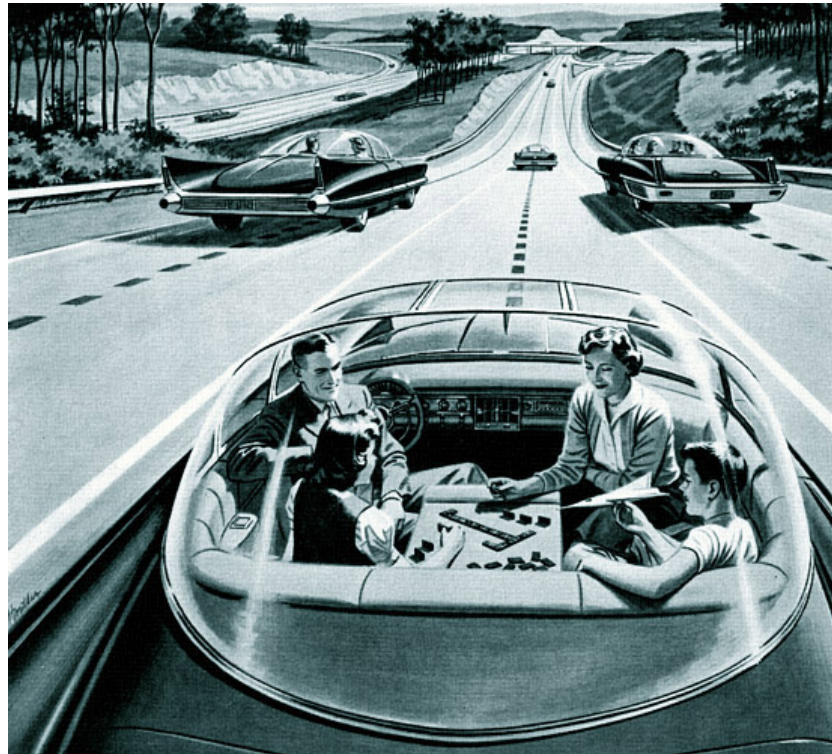
Performance out to 7.5 GHz

MDI electrical spec

Link segment test methodology

Discuss timeline

Questions?



Thank you!