

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

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IEEE 802.3 Multi-Gig Automotive Ethernet PHY Task Force information

Task Force Organization

Steve Carlson, Chair

Natalie Wienckowski, Chief Editor, Curtis Donahue, PICS Editor

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>

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IEEE 802.3 Multi-Gig Automotive Ethernet PHY Task Force

Activities since March 2018 plenary

6 ad hoc calls on link segment, PoDL, Reed-Solomon-FEC, link topologies,

Met at May interim for 1.5 days

Major items discussed, decisions made and actions

9 straw polls, 10 motions, 18 presentations

Adopted TX transmit level for all speeds (1V); Reed-Solomon FEC for all speeds; Coupling Attenuation Reference Test Limit

Updated draft to D0.4

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Meeting week plan

Goals for the meeting

Continue with link segment refinement; modulation, FEC, OAM

Big ticket items

Modulation

FEC

PoDL

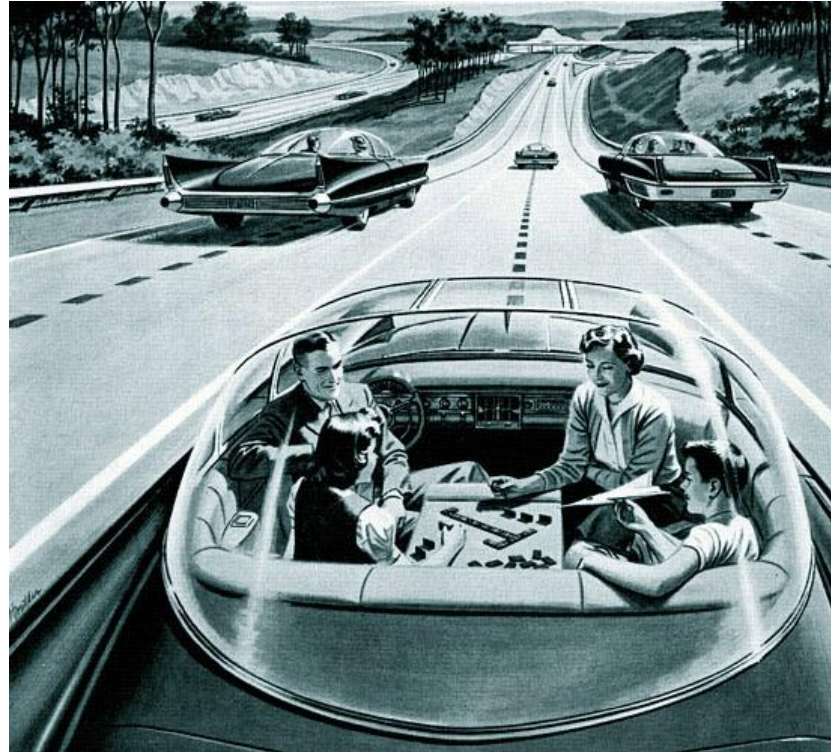
OAM

EMC

Adopt additional draft text and create D0.5

Discuss timeline

Questions?



Thank you!