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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Activities since July 2017 plenary

- 4 ad hoc calls on link segment baselines
- Meet at September interim for 2 days
  - Major items discussed, decisions made and actions
    - Proposals on link segments (characteristics, EMC, etc.)
    - Discussion on fast start-up needs
    - Discussions on possible PHY architectures

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Meeting week plan

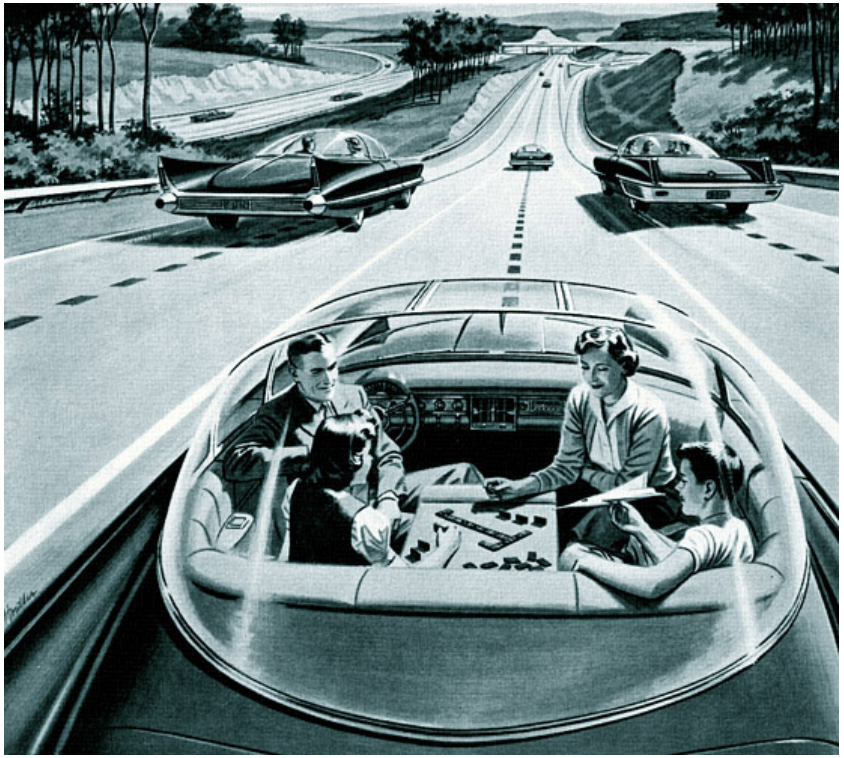
Goals for the meeting

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

Big ticket items

- Performance out to 7.5 GHz---is it needed?
- **EMC**
- Attempting to utilize existing high-speed cabling systems already in the pipeline
- Environmental factors and degradation over time
- MDI electrical spec
- Link segment test methodology
- Initial PHY architecture possibilities
- Discuss timeline

Questions?



Thank you!