

# IEEE 802.3 Greater than 10 Gb/s Automotive Ethernet Electrical PHYs Study Group Closing Report

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# IEEE P802.3 Multi-Gig Automotive Ethernet PHY TF

## Project information

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### Study Group Organization

Steve Carlson, Chair

Jon Lewis, Recording Secretary

Natalie Wienckowski, Ad Hoc Chair

### Study Group web and reflector information

Reflector information: <http://www.ieee802.org/3/B10GAUTO/reflector.html>

Home page: <http://ieee802.org/3/B10GAUTO/index.html>

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Activities since September interim

Met Tuesday; 41 people, 5 new

Heard presentations on

- Additional technical feasibility of cable/connectors for > 10 Gb/s
- PHY approaches for 25 Gb/s and multi-lane for > 25 Gb/s (added objectives for 50 and 100 Gb/s)
- Leveraging automotive EEE technique from P802.ch “Slow Wake” with enhancements for use cases with highly asymmetric traffic for additional power reduction
- Approved Criteria for Standards Development draft (Y: 26 N: 0 A: 0)
- Approved Project Objectives draft (Y: 25 N: 0 A: 1)

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- Big ticket items moving forwards
  - Final polish on PAR, CSD and objectives at January interim
    - Presentations on use cases and additional technical approaches
  - Pre-submit PAR and CSD to WG and EC out of January interim and present PAR, CSD and objectives to IEEE 802.3 WG in March 2020

# Motion

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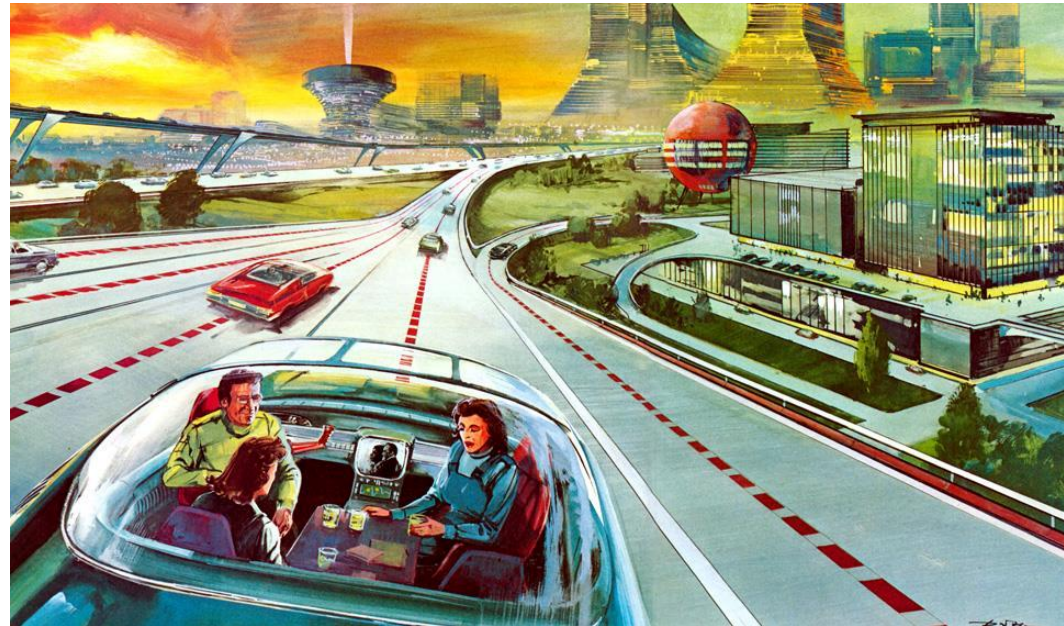
Grant the second rechartering and six month extension of the IEEE 802.3 Greater than 10 Gb/s Automotive Ethernet Electrical PHYs study group.

Moved on behalf of the Study Group

Procedural >50%

SG vote Y: 33 N: 0 A: 0

# Questions?



Thank you!