

IEEE P802.3cg 10 Mb/s Single Twisted Pair Ethernet Task Force Opening Report

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March 13, 2017

IEEE P802.3cg 10 Mb/s Single Twisted Pair Ethernet Task Force

Project information

Task Force Organization

George Zimmerman, IEEE P802.3cg Task Force Chair

Jon Lewis, IEEE P802.3cg Task Force Secretary

Peter Jones, Architecture Ad Hoc Chair

Task force web and reflector information

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

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

PAR: http://www.ieee802.org/3/cg/IEEE_P802_3cg_PAR_071216.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0216-00-ACSD-802-3cg.pdf>

Objectives: http://www.ieee802.org/3/cg/objectives_10SPE_111016.pdf

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

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IEEE P802.3cg 10 Mb/s Single Twisted Pair Ethernet Task Force Activities since November 2016 plenary

Task Force approved at December 2016 Standards Board
Met during the January 2017 interim meeting series

Major items discussed, decisions made and actions

- Discussed proposals and data for 1000m link segment

- Discussed PHY concepts for a possible baseline

- Discussed Powering profiles and use cases

- Continued Architecture Ad Hoc from Study Group

- Established IEEE 802.3 Liaison with ODVA – David Brandt

Current status

- Hearing presentations to adopt baseline proposals

- Continuing Architecture Ad hoc calls

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Meeting week plan

Goals for the meeting

- Joint session with IEEE 802.3 Multi-Gig Automotive Study Group
- Continue to work on selection of a set of baseline proposals
 - Hear proposals for 1000m link segment proposal
 - Hear proposals on 15m (including Automotive) link segment
 - Hear proposals on Automotive multi-drop PHY and link segment
 - Hear updates on PHY analysis & Powering
- Hear and respond if necessary to TR42 liaison on single pair efforts

Big ticket items

- Baseline Link Segments
- Begin selection of PHY baselines
- Begin to define powering scenarios

Questions?

Thank you!