

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

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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

Valerie Maguire, IEEE P802.3cg Chief Editor

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

Approved timeline:

http://www.ieee802.org/3/cg/adopted_802d3cg_timeline_0517.pdf

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

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Activities this week

Met Mon. 11/6 afternoon, all day Tues. and Wed. 11/8 morning

88 total attendees (70/82/77)

Major items discussed, decisions made and actions

Adopted baselines for short reach PHY

Adopted baseline for single-pair auto negotiation

Adopted baseline for clause 104 powering

Adopted baseline for optional PHY-level Collision Avoidance in RS

Decided to postpone bringing new multidrop objective to 802.3 until January

Chartered draft 1.0

Prepared draft liaison responses for 802.3 liaisons from:

IEC SC65, TIA TR42 and ISO/IEC SC25 WG3

IEEE P802.3cg 10 Mb/s Single Twisted Pair Ethernet Adopted timeline

- ✓ January 2017 – First Task Force meeting
- ✓ July 2017 – Objectives Finalized, Draft 0.1 (skeleton), all baselines presented
- ✓ September 2017 – Baselines selected, draft 0.9 for Task Force Review
- ✓ **November 2017 – Last features selected - Task Force Review D1.0**
 - Nov:D1.0, Jan:D1.1, possible Feb 2018 extra off-cycle interim, D1.2
 - March 2018 – Complete Task Force Review(D1.2/1.3)
 - May 2018 – Draft 2.0, enter working group ballot** (2 recircs: July:D2.1, Sept:D2.2)
 - Nov 2018 – D3.0 – enter Sponsor ballot** (2 recircs Jan'19:D3.1, Mar'19:D3.2)
 - June 2019 Standards Board approval**

[NOTE: only 1 meeting cycle slack spread between WG ballot and Sponsor Ballot]

WG Motion

Move that the IEEE 802.3 Working Group approve:
IEEE_802d3_to_IEC_SC65JWG10_1117_draft
with editorial license granted to the Chair (or his
appointed agent) as liaison communications from
the IEEE 802.3 Working Group to IEC SC65
JWG10.

M: G. Zimmerman S: J. Lewis

WG Motion

Move that the IEEE 802.3 Working Group approve:
IEEE_802d3_to_TIA_TR42_1117_draft.pdf
with editorial license granted to the Chair (or his
appointed agent) as liaison communications from
the IEEE 802.3 Working Group to TIA TR42.

M: G. Zimmerman S: J. Lewis

WG Motion

Move that the IEEE 802.3 Working Group approve:
IEEE_802d3_to_ISOIEC_SC25_WG3_1117_draft
with editorial license granted to the Chair (or his
appointed agent) as liaison communications from
the IEEE 802.3 Working Group to ISO IEC SC25
WG3.

M: G. Zimmerman S: J. Lewis

Questions?

Thank you!