

Chair's Comments

IEEE P802.3cg 10 Mbps Single Pair Ethernet
Task Force

George Zimmerman (Chair)

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IEEE P802.3cg Ad Hoc: 1 Nov 2017

Goals for Nov. TF meeting

- Charter Draft 1.0
 - Fill out all baselines
- Respond if necessary to liaisons from: IEC SC65, TIA TR42 and ISO/IEC SC25 WG3 on single pair cabling and components

Big ticket items

- Adopt baseline for short reach PHY PCS & PMA
- Adopt baseline for associated powering
- Adopt baseline for auto negotiation

Liaisons and Communications

- [IEC TC 65/SC 65C/JWG 10 to IEEE 802.3 on single pair Ethernet](#)
- [TIA TR-42 to IEEE 802.3 on connectors and topologies for single pair applications](#)
- [ISO/IEC JTC1 SC25 to IEEE 802.3 on 1-pair cabling](#)

Proposed new objective (not yet adopted by Working Group)

Motion #16

- **Move that 802.3cg add the following objective:**
 - Define a multi-drop PHY using Clause 4 half-duplex operation supporting up to at least 25m of balanced pair cabling in passive linear topologies.
- **M: Kirsten Matheus S: David Brandt**
- **Technical ($\geq 75\%$)**
- **Y: 33 N:0 A:0**
- **Motion Passes**

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]*

Thank You!