

# Motions

IEEE 802.3

10 Mbps Single Pair Ethernet Study Group

George Zimmerman (Chair)

CME Consulting, Inc.

San Antonio, Texas, USA, 9 Nov. 2016

# Motion #1

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- **Move to approve the agenda**
- **M: Matthias Wendt      S: Mick McCarthy**
- **Procedural ( $\geq 50\%$ )**
- **Motion Passes by voice without opposition**

# Motion #2

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- **Move to approve the minutes of the September 2016 Interim meeting with date in the title corrected to 2016**
- **M: Henry Muyschondt S: Steve Carlson**
- **Procedural ( $\geq 50\%$ )**
- **Motion Passes by voice without opposition**

# Motion #3

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- **Move to request that the IEEE 802.3 Working Group request the extension of the 10 Mb/s Single Pair Ethernet Study Group**
- **M: Steve Carlson                      S: Ludwig Winkel**
- **Procedural ( $\geq 50\%$ )**
- **Motion Passes by voice without opposition**

# Motion #4

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Move to adopt the following changes to our PAR:

- **Change 5.2.b. as shown:**
- **5.2.b. Scope of the project:** Specify additions to and appropriate modifications of IEEE Std 802.3 to add 10 Mb/s Physical Layer (PHY) specifications and management parameters for operation, and associated optional provision of power, on single balanced twisted-pair copper cabling. ~~Define methodology for the optional provision of power to connected Data Terminal Equipment (DTE) for use with IEEE 802.3 10 Mb/s single-pair interfaces.~~
- **5.5** Change IEEE 802.3 to IEEE Std. 802.3
- **Change 5.6 as shown:**
- **5.6 Stakeholders for the Standard:** End-users, vendors, system integrators, and providers of systems and components (e.g., sensors, actuators, instruments, controllers, network infrastructure, user interfaces, and servers) for automotive, other transportation, industrial, ~~factory, process,~~ and building automation.
- **8.1** – add “5.2b – IEEE Std 802.3 – IEEE Standard for Ethernet”.
  
- M: Jon Lewis      S: David Hoglund
- Y: 47 N: 0      A: 0      (Technical >= 75%)
- Motion Passes

# Motion #5

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- Move to adopt Objectives #9 through #13 on page 3 of [zimmerman\\_10SPE\\_01c\\_1116.pdf](#)
- **M: Peter Jones    S: David Brandt**
- **Y: 49    N: 0    A: 0    Technical (>= 75%)**
- **Motion Passes**

# Motion #6

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- Move to adopt the following objective:  
Maintain a bit error ratio (BER) at the MAC/PLS service interface of less than or equal to:
  - $10^{-10}$  on link segments up to at least 15m, and
  - $10^{-9}$  on link segments up to at least 1km
- **M: Ludwig Winkel      S: Peter Jones**
- **Y: 49    N: 0    A: 0    Technical ( $\geq 75\%$ )**
- **Motion Passes**

# Motion #7

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- Move to adopt the following objective:  
Specify one or more optional power distribution techniques for use over the 10 Mb/s single balanced twisted-pair link segments, in conjunction with 10 Mb/s single balanced twisted-pair PHYs, in the automotive and industrial environments
- **M: Steffen Graber      S: Mick McCarthy**
- **Y: 49    N:0    A:0    Technical ( $\geq 75\%$ )**
- **Motion Passes**



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# Thank You!