

Motions and Straw Polls

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

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Orlando, FL USA November 6-8, 2017

Motion #1

- **Motion #1:** Move to approve the agenda as shown in [agenda_3cg_01_1117.pdf](#).
- **M: M. Wendt S: J. Withey**
- **Approved by voice without opposition (Procedural > 50%)**
- **Motion Passes**

Motion #2

- **Motion #2: Move to approve minutes of IEEE P802.3cg 10 Mbps Single Twisted Pair Ethernet Task Force from September 2017 as posted.**
- **M: V. Maguire S: P. Jones**
- **Approved by voice without opposition (Procedural > 50%)**
- **Motion Passes**

Future Meetings Straw Poll

- I am likely to attend 802.3cg at:
- January Interim (ITU Geneva, CH)
 - Y: 30 N:14 M: 22
- March plenary (Rosemont, IL, USA):
 - Y: 41 N:2 M:23

Motion #3

- **Move to adopt Clause 98 with modifications to support an optional 625 kbit/s baud rate as proposed in [Graber_3cg_16a_1017.pdf](#), Slides 8 to 10.**
- **M: S. Graber S: L. Winkel**
- **Y: 38 N:0 A:19**
- **(Technical \geq 75%)**
- **Motion Passes**

Motion #4

- **Move to adopt auto negotiation rate procedure as defined in Clause 98 as shown in [Graber_3cg_19_1117.pdf](#).**
- **M: S. Graber S: M. Wucher**
- **Y: 48 N:0 A:10**
- **(Technical \geq 75%)**
- **Motion Passes**

Motion #5

- **Move to add an additional type to Clause 104 supporting the 10BASE-T1L PHY.**
- **M: S. Graber S: B. Voss**
- **Y: 44 N:0 A:17**
- **(Technical \geq 75%)**
- **Motion Passes**

Motion #6

- **Move to include the parameters specified in [Graber_3cg_20_1117.pdf](#) into the new Clause 104 Type.**
- **M: S. Graber S: H. Mueller**
- **Y: 42 N:0 A:20**
- **(Technical \geq 75%)**
- **Motion Passes**

Motion #7

- **Move to include the timing parameters and capacitor values specified in [stewart_3cg_02_1117.pdf](#) into the new Clause 104 Type (detailed text will come from Heath Stewart).**
- **M: S. Graber S: J. Gottron**
- **Y: 40 N:0 A:20**
- **(Technical \geq 75%)**
- **Motion Passes**

Motion #8

- **Move to adopt the link monitor state machine as proposed in [Graber_3cg_18_1117.pdf](#), slide 7.**
- **M: S. Graber S: M. McCarthy**
- **Y: 43 N:0 A:19**
- **(Technical \geq 75%)**
- **Motion Passes**

Motion #9

- **Move to adopt the informative annex A.1 as described in document [10BASE-T1L Clause 164 Rev. F.pdf](#) with editorial license.**
- **M: S. Graber S: B. Voss**
- **Y: 43 N:0 A:17**
- **(Technical \geq 75%)**
- **Motion Passes**

Motion #10

- **Move to adopt the PCS specification, including TX / RX state machines, 4B5B coding and PCS loopback function, as described in [beruto_3cg_01a_1117.pdf](#), with editorial license, to integrate into clause 147.**
- **M: P. Beruto S: K. Matheus**
- **Y: 30 N:2 A:35**
- **(Technical \geq 75%)**
- **Motion Passes**

Motion #11 – to amend motion #10 as shown

- **Move to adopt the PCS specification, including TX / RX state machines, ~~4B5B~~a TBD 4 bit to 5 bit encoding and PCS loopback function, as described in [beruto_3cg_01a_1117.pdf](#), with editorial license, to integrate into clause 147.**
- **M: G. Den Besten S: M. Shariff**
- **Y: 11 N:13 A:41**
- **(Technical \geq 75%)**
- **Motion to Amend Fails**

Motion #12

- **Move to adopt the Differential Manchester Coding (DME), as described in [beruto_3cg_01a_1117.pdf](#), with editorial license, to integrate into clause 147, marking TBD the items in the relevant sections of 8023cg_D0p3_T1S_revB.PDF.**
- **M: P. Beruto S: G. Huszak**
- **Y: 34 N:0 A:27**
- **(Technical \geq 75%)**
- **Motion Passes**

Motion #13

- Move to adopt the PMD electrical specifications for the point-to-point and multidrop operating modes, as described in [beruto_3cg_01a_1117.pdf](#), with editorial license, to integrate into clause 147 marking TBD the items in the relevant sections of [8023cg_D0p3_T1S_revB.PDF](#).
- M: P. Beruto S: C. Zerna
- Y: 31 N:0 A:23
- (Technical \geq 75%)
- Motion Passes

Motion #14

- **Move to adopt the PMA test modes, as described in [beruto_3cg_01a_1117.pdf](#), with editorial license, to integrate into clause 147.**
- **M: P. Beruto S: C. Zerna**
- **Y: 34 N:0 A:19**
- **(Technical \geq 75%)**
- **Motion Passes**

Motion #15 (Withdrawn)

- **Move to adopt the PMA electrical specifications, including PSD mask equations and voltage levels, as described in [beruto_3cg_02a_1117.pdf](#), with editorial license, to integrate into clause 147.**
- **M: P. Beruto S:**
- **Y: N: A:**
- **(Technical \geq 75%)**
- **Motion Withdrawn**

Motion #16

- **Move to adopt the PLCA specification, as a baseline to go into the Reconciliation Sublayer as an option as described in [beruto_3cg_01a_1117.pdf](#).**
- **M: P. Beruto S: G. Huszak**
- **Y:22 N:2 A:14**
- **(Technical \geq 75%)**
- **Motion Passes**

Motion #17

- Move to approve draft liaison to IEC SC65 [ieee802d3 to IECSC65JWG10 d3](#)
- M: B. Voss S: A. Flatman
- Procedural (50%)
- Approved by voice without opposition

Motion #18

- Move to approve draft liaison to TIA TR42 [IEEE 802d3 to TIA TR42 d1](#)
- M: C. Diminico S: A. Flatman
- Procedural (50%)
- Approved by voice without opposition

Motion #19

- Move to approve draft liaison to ISO/IEC SC25 WG3

[IEEE 802d3 to ISOIEC SC25 WG3 11
2017 draft 2](#)

- M: B. Voss S: J. Withey
- Procedural (50%)
- Approved by voice without opposition

Motion #20

- Move to instruct the Chair to postpone presentation of the new multidrop objective in Motion #16 from the September 2017 meeting until the January Working Group meeting.
- M: P. Jones S: G. Huszak
- Procedural (50%)
- Y:9 N:6 A: 25
- Motion Passes

Straw Poll #1

- I support adding a power mode supporting a power budget of 32W at 24VDC
- Y:15
- N:0
- A:18

Straw Poll #2

- I support adding objective to support at least 32 nodes on the multidrop mixing segment
- Y:17
- N:0
- A:16

Motion #21

- **Move to approve draft 0.3 text as presented and instruct editor to implement changes agreed to during online discussion and motions to generate draft 1.0.**
- **M: V. Maguire S: S. Graber**
- **Y: 35 N: 0 A: 1**
- **Motion Passes (Technical)**

Adjournment

- (no motion – meeting adjourned by exhausting the agenda)

Thank You!