Motions and Straw Polls

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

George Zimmerman (Chair P802.3cg) - CME Consulting, Inc.

Berlin German, July 10-13, 2017

Motion #1

- **Move to approve the agenda as shown in agenda_3cg_01a_0717.pdf changing the approval of the minutes to May instead of March.**
- **M: Alan Flatman   S: Ron Nordin**
- **Approved by voice without opposition (Procedural > 50%)**
- **Motion Passes**

Motion #2

- **Move to approve minutes of IEEE P802.3cg 10 Mbps Single Twisted Pair Ethernet Task Force from March 2017 as posted.**

- **M: C. Diminico   S: P. Vanderlaan**

- **Approved by voice without opposition (Procedural > 50%)**

- **Motion Passes**

Straw Poll #1

Should the group adopt a multi-drop objective, I would support development effort on:

- **CSMA/CD: 21+18 = 39**

- **FDMA: 3**

- **TDMA (explicitly at physical layer): 9+14=23**

- **I have voted on one of the above but am equally happy with no multi-drop: 11+12 = 23**

- **Abstain: 9+8 = 17**

Straw Poll #2

I support adopting one of the multi-drop schemes mentioned in Straw Poll #1:

- **Yes, I support a specified multi-drop scheme:**
    12+20 = 32
- **No, I prefer the group to focus on full-duplex, point-to-point efforts only: 17+5 = 22**
- **Abstain: 6+11 = 17**

Straw Poll #3

I would support an optional multi-drop capability in addition to point to point for up to at least 15m reach and 5 nodes in a linear topology

Y:13+22 = 35

N:11+4 = 15

Abstain: 12+10 = 22

Straw Poll #4

I would support an optional multi-drop capability in addition to point to point in all use cases of 10SPE

Y:9

N:27+18 = 45

Abstain: 17

Straw Poll #5

I would support an optional multi-drop capability in addition to point to point for:

Y: 15m: 12+22 = 34

Y: 1000m:3+1 = 4

No: 6+15 = 21

Abstain: 8+7= 15

Straw Poll #6

Based on current information, to address the multidrop use case, I would support further development effort on (pick one):

- **CSMA/CD: 29**

- **TDMA (explicitly at physical layer):11**

- **Abstain: 16**

Straw Poll #7

To support a 15m, 5 node multidrop use case, what information do you require? (pick one):

>**A: Nothing : 7**

>**B: I need to understand the use case and its impact on system costs: 11**

>**C: I need to see detailed proposals on how multidrop will work: 25**

>**Abstain: 10**

Straw Poll #8

I would support 802.3cg adding the intra-system use case within our project, provided it does not increase the number of PHYs in the project.

Y:30

N:0

A:16

Straw Poll #9

Following the provision of further use case and system cost information and detailed implementation proposals, I am likely to support a specified multidrop proposal for up to at least 15m with up to 5 nodes:

Y: 26

N: 6

A: 12

Straw Poll #10

Should the Task Force Chair report to the 802.3 closing plenary that there is ongoing work to address the multi-drop use case (including the results of Straw Poll #9).

By voice without objection.

Motion #3

- **Move to approve draft liaisons to TIA TR42 and ISO/IEC JTC1 SC25 WG3 as posted**
- **M: Valerie Maguire   S: Masood Shariff**

- **Approved by voice without opposition (Procedural > 50%)**

Straw Poll

- **Y:**

- **N:**

- **A:**

Future Meetings Straw Poll

- I am likely to attend 802.3cg at:
- September Interim (Charlotte, NC USA)
  - Y:21   N:28 M:12
- November plenary (Orlando, FL USA):
  - Y: 32   N:7   M:16