

Motions and Straw Polls, Aggregated

Sept 2014

Chad Jones

Straw Poll 1

I would support including the following classification schemes in 802.3bt:

Presentation 1 (Dave A – Multiple class currents)

Y:23

Presentation 2 (Dave D – Hysteresis)

Y:19

Presentation 3 (Gaoling – Two class voltage levels)

Y:6

Presentation 4 (Gaoling – PWM class)

Y:10

Straw Poll 2

Do you agree with this statement?

A valid Type 3 or Type 4 PD will present a signature resulting in the same classification at Alt-A and Alt-B . To clarify, this implies that T3 or T4 PDs cannot provide a different class signature on Alt-A than Alt-B and vice versa.

Y: 13 N:7

Motion 1

The BT project shall require a PSE to successfully complete a 4P-ID test before enabling power over all 4 pairs to Type 1 & 2 PDs.

Mover: David Tremblay

Seconder: Koussalya Balasubramanian

Y: 33 N: 0 A: 1

Motion 2

The BT project will include a physical layer test to qualify Type 1 & Type 2 PDs, including those in the installed base, to receive power over all 4 pairs. This would, in turn, allow a 4- pair PSE to transmit 4-pair power to a Type 1 or 2 PD that passes such a test, which shall be a conformant mode within BT.

Mover: David Tremblay

Seconder: Lennart Yseboodt

Y: 29 N: 0 A: 5

Motion 3

The BT project shall create a 4P-ID adhoc to recommend the L1 test criteria to qualify Type 1 and Type 2 PDs to receive power over all 4 pairs.

Mover: David Tremblay

Seconder: Fred Schindler

Y:24 N: 0 A:9

Motion 4

Move that IEEE 802.3bt, permit LLDP to be used as a method to provide the 4P-ID.

Note: The 4P-ID is covered in, schindler_1_0514.pdf, schindler_2_0514.pdf, darshan_3_0714.pdf.

Mover: Fred Schindler

Seconder: Koussalya Balasubramanian

Y:31 N: 0 A:1

Motion 5

Move that IEEE802.3bt accept the term “pair-set” and its definition as referring to either of the two valid 4-wire connections as listed in 33.2.3.

Mover: David Abramson

Seconder: Koussalya Balasubramanian

Y: 30 N: 2 A: 1

Motion 6

Move to change text in 33.2.5 from:

- “The PSE shall turn on power only on the same pairs as those used for detection.”

To:

- “The PSE shall turn on power only on the same pairs as those used for two-pair detection.”

Mover: David Abramson

Seconder: Dave Dwelley

Y: 27 N: 1 A: 5

Motion 7

Move to change text in 33.2.5.3 from:

“A PSE shall accept as a valid signature a link section with both of the following characteristics between the powering pairs ...”

To:

“A PSE shall accept as a valid signature a pair-set within a link section with both of the following characteristics, with an offset voltage up to $V_{os\ max}$ and an offset current up to $I_{os\ max}$, as specified in Table 33–5:”

Mover: David Abramson

Seconder: Dave Dwelley

Y: 29 N: 1 A: 0

Motion 8

Move to change the text in 33.2.5.4 from:

“The PSE shall reject link sections as having an invalid signature, when those link sections exhibit any of the following characteristics between the powering pairs...”

To:

“The PSE shall reject a pair-set within a link section as having an invalid signature when the pair-set exhibits any of the following characteristics as specified in Table 33–6:”

Mover: David Abramson

Seconder: Dave Dwelley

Y: 31 N: 0 A: 2

Motion 9

- Move that IEEE 802.3bt specify two new types of PSE and PD as follows
 - Type 3 : 0-60W
 - Type 4: 0-99W

NOTE: The above power levels are at PSE

Mover: Koussalya Balasubramanian

Seconder: David Abramson

Y: 30 N: 3 A: 1

Motion 10

- Move that IEEE802.3bt PSEs shall measure current with respect to I_{inrush} , I_{cut} , I_{lim} and disconnect per powered pair-set.

Mover: Koussalya Balasubramanian

Seconded: Dave Dwelley

Y: 29 N: 2 A: 2

Motion 11

- Move to accept text in slide 7, 9 and 10 (Inrush Spec) of Balasubramanian_01_0914.pdf for IEEE802.3bt.

Mover: Koussalya Balasubramanian

Seconder: Dave Dwelley

Y: 27 N: 0 A: 5

Motion 12

- Move to accept text in slide 12 (Icut Spec) of Balasubramanian_01_0914.pdf for IEEE802.3bt.

Mover: Koussalya Balasubramanian

Seconder: Dave Dwelley

Y: 25 N: 0 A: 6

Motion 13

- Move to accept text in slide 17 and slide 18 (Ilim Spec) of Balasubramanian_01_0914.pdf for IEEE802.3bt.

Mover: Koussalya Balasubramanian

Seconder: Yair Darshan

Y: 29 N: 0 A: 4

Motion 14

Accept “Updated baseline proposal for motion a
tseptember meeting REV 005.doc” as baseline
text.

Mover: Y. Darshan

Seconder: C. Beia

Y: 29 N: 0 A: 2

Motion 15

Accept slide 8 from bennett_01_0914_rev3b.pdf
as baseline text.

Mover: Y. Darshan

Seconder: K. Bennett

Y: 13 N: 0 A: 10

Motion 16

Instruct the editor to prepare Draft 0.1 for TF preview on October 17.

Mover: G. Zimmerman

Seconder: Y. Darshan

Y: 21 N: 0 A: 3