## IEEE 802.3by D2.2 25 Gb/s Ethernet 2nd Working Group recirculation ballot comments

C/ 108 SC 108.2.2 P 104 L 25 # / C/ 108 SC 108.3.6 P 110 L 27 Gorshe, Steve PMC-Sierra Gorshe, Steve PMC-Sierra Comment Type TR Comment Status X Comment Type TR Comment Status X Per ALU comment #20136. I find that the rate compensation method is inconsistant with Per ALU comment #20139. I find that the rate compensation method is inconsistant with the project objective: "Provide appropriate support for OTN" the project objective: "Provide appropriate support for OTN" [Editor changed Clause from 10805 to 108 and Subclause from 10805.2.2 to 108.2.2.] [Editor changed Clause from 10805 to 108 and Subclause from 10805.3.6 to 108.3.6.] SuggestedRemedy SuggestedRemedy Add CWMs to all 25Gbit/s Ethernet PHYs as proposed in trowbridge\_3by\_01\_0915 Add CWMs to all 25Gbit/s Ethernet PHYs as proposed in trowbridge\_3by\_01\_0915 Proposed Response Proposed Response Response Status O Response Status 0 C/ 108 P 106 L 1 # 2 C/ 110 SC 110.1 P 138 L 42 SC 108.2.4 PMC-Sierra Gorshe, Steve Dawe, Piers Mellanox Comment Status X Comment Type Comment Status X Comment Type TR Ε Per ALU comment #20137, I find that having some PMDs use CWMs and others not use D2.1 comment 92 would apply here also: CWMs is inconsistant with the project objective: "Provide appropriate support for OTN" What do you mean, "supports operation"? SuggestedRemedy [Editor changed Clause from 10805 to 108 and Subclause from 10805.2.4 to 108.2.4.1 Change "supports operation" to "operates", twice. SuggestedRemedy Proposed Response Response Status O Add CWMs to all 25Gbit/s Ethernet PHYs as proposed in trowbridge 3by 01 0915 Proposed Response Response Status O P 138 C/ 110 SC 110.1 L 44 Dawe, Piers Mellanox C/ 108 SC 108.3.3 P 109 L 47 Comment Type Comment Status X Gorshe, Steve PMC-Sierra The way this is written, a cable can't be both CA-25G-L and CA-25G-N: Comment Status X Comment Type TR "A 25GBASE-CR-S PHY supports operation over ... CA-25G-N and CA-25G-S, but not CA-Per ALU comment #20138, I find that having some PMDs use CWMs and others not use 25G-L. CWMs is inconsistant with the project objective: "Provide appropriate support for OTN" SuggestedRemedy If that's how we mean to describe things, we will have to write the list in 110.10 Cable [Editor changed Clause from 10805 to 108 and Subclause from 10805.3.3 to 108.3.3.] assembly characteristics more carefully. That list is badly worded anyway - it says SuggestedRemedy achievable cable length can't be less than 3 or 5 m. so shorter cables are not achievable. Add CWMs to all 25Gbit/s Ethernet PHYs as proposed in trowbridge 3by 01 0915 Proposed Response Response Status O Proposed Response Response Status O

## IEEE 802.3by D2.2 25 Gb/s Ethernet 2nd Working Group recirculation ballot comments

Cl 110 SC 110.8.4.2.1 P149 L9 # 10

Dawe, Piers Mellanox

Comment Type E Comment Status X

Figures 110-3 and 110-4 show "Additive host board loss" while text says "connecting path" - we should use the same name for something, every time. Do not see how loss is additive - the signal power is divided, the number of dBm is subtracted. Figure 83E-15, Example module stressed input test, calls it "Frequency-dependent attenuator". A pair of wideband SMA 3 dB attenuators could be seen as "Additive loss", and the meaning of "host board" is unclear - but they would not have the desired effect.

SuggestedRemedy

Rename to "Frequency-dependent attenuator" or "Frequency-dependent attenuation", both figures and text. Explain in words that this loss is intended to emulate the difference between the MCB loss and the loss in a host.

Proposed Response Response Status 0

C/ 110 SC 110.8.4.2.1 P 149 L 9 # 5

Dawe, Piers Mellanox

Comment Status X

Dawe, Fiers Welland

E

Figures 110-3 and 110-4 show "Additive host board loss" while text says "connecting path" - we should use the same name for something, every time. Do not see how loss is additive - the signal power is divided, the number of dBm is subtracted. Figure 83E-15, Example module stressed input test, calls it "Frequency-dependent attenuator". A pair of 3 dB SMA attenuators could be seen as "Additive loss", and the meaning of "host board" is unclear - but they would not have the desired effect.

SuggestedRemedy

Comment Type

Rename to "Frequency-dependent attenuator" or "Frequency-dependent attenuation", both figures and text. Explain in the text that this is intended to emulate the difference between the loss in a host and the MCB loss.

Proposed Response Response Status O

C/ 110 SC 110.8.4.2.2 P149 L 26 # 11

Dawe, Piers Mellanox

Comment Type E Comment Status X

from the pattern generator to the cable assembly test fixture.

SuggestedRemedy

from PGC to the cable assembly test fixture.

Proposed Response Status O

Cl 110 SC 110.8.4.2.2 P149 L 26 # 6

Dawe, Piers

Mellanox

Comment Type

E

Comment Status X

from the pattern generator to the cable assembly test fixture.

SuggestedRemedy

from PGC to the cable assembly test fixture.

Proposed Response Response Status O

C/ 110 SC 110.10 P151 L 53 # 7

Dawe, Piers Mellanox

Comment Type T Comment Status X

I don't see a good reason for breaking the consensus of the last regular meeting.

SuggestedRemedy

Revisit the appropriateness of changing 2.75 m to 3 m in sponsor ballot.

Proposed Response Response Status O