

Approved Responses

IEEE P802.3cs D3.1 SuperPON Task Force 1st Sponsor recirculation ballot comments

CI **FM** SC **FM** P1 L 29 # R1-5

Dawe, Piers J G NVIDIA

Comment Type **E** Comment Status **A**

physical layers

SuggestedRemedy

Physical Layers

Also in 164.1, first sentence

Response Response Status **C**

ACCEPT.

CI **56** SC **56.1.3** P38 L 24 # R1-1

Dawe, Piers J G NVIDIA

Comment Type **E** Comment Status **A**

The standard order is by increasing speed (MAC rate) then increasing reach, then others. See e.g. comments to 802.3dc D3.0. The reader should not be expected to think in historical order.

SuggestedRemedy

Instead of inserting the new rows at the end of Table 56-1 (below 50GBASE-PQX-U3), I believe that 10/2.5GBASE-SP1-D and 10/2.5GBASE-SP1-U go between 10/1GBASE-PRX-U4 and 10GBASE-PR-D1, and 10GBASE-SP1-D and 10GBASE-SP1-U go between 10GBASE-PR-U4 and 10PASS-TS-O (!)

Response Response Status **C**

ACCEPT IN PRINCIPLE.

Inserted 10/2.5GBASE-SP1-D and 10/2.5GBASE-SP1-U between 10/1GBASE-PRX-U4 and 10GBASE-PR-D1, and 10GBASE-SP1-D and 10GBASE-SP1-U between 10GBASE-PR-U4 and 10PASS-TS-O and updated editorial instructions to reflect the changes.

CI **56** SC **56.1.3** P38 L 32 # R1-2

Dawe, Piers J G NVIDIA

Comment Type **E** Comment Status **R**

At over three pages long, Table 56-1 is far too long and cumbersome. While maintenance might take an interest in this, as this project is extending the table...

SuggestedRemedy

Split the table into three: point-to-point optical; copper and CCDN; PON.

Response Response Status **C**

REJECT.

The proposed changes to Table 56-1 are outside the scope of this project. It is recommended that the comment be submitted against 802.3dc where it can be properly addressed.

CI **56** SC **56.1.3** P38 L 47 # R1-4

Dawe, Piers J G NVIDIA

Comment Type **E** Comment Status **A**

The standard order is by increasing speed (MAC rate) then increasing reach, then others. It helps the reader if the way things are done is similar for columns as for rows.

SuggestedRemedy

I believe the new column would best be between 10G-EPON P2MP MPMC and Nx25GBASE-PQ PMD

Response Response Status **C**

ACCEPT IN PRINCIPLE.

Inserted the new column for Super-PON PMD, PMA, PCS, RS, MPCP between 10G-EPON P2MP MPMC and Nx25GBASE-PQ PMD

Approved Responses

IEEE P802.3cs D3.1 SuperPON Task Force 1st Sponsor recirculation ballot comments

Cl 56 **SC 56.1.3** **P38** **L 47** # **R1-3**

Dawe, Piers J G

NVIDIA

Comment Type E **Comment Status A**

The standard order is by increasing speed (MAC rate) then increasing reach, then others.
See e.g. comments to 802.3dc D3.0. The reader should not be expected to think in terms
of historical order.

SuggestedRemedy

Instead of inserting the new rows at the end of Table 56-3 (below 50GBASE-PQG-D3), I
believe that 10/2.5GBASE-SP1-D and 10/2.5GBASE-SP1-U go between 10/1GBASE-PRX-
U4 and 10GBASE-PR-D1, and 10GBASE-SP1-D and 10GBASE-SP1-U go between
10GBASE-PR-U4 and 25/10GBASE-PQG-U2.

Response

Response Status C

ACCEPT IN PRINCIPLE.

Inserted 10/2.5GBASE-SP1-D and 10/2.5GBASE-SP1-U between 10/1GBASE-PRX-U4
and 10GBASE-PR-D1, and 10GBASE-SP1-D and 10GBASE-SP1-U between 10GBASE-
PR-U4 and 25/10GBASE-PQG-U2 and updated editorial instructions to reflect the changes.

Cl 164 **SC 164.2.9.10** **P53** **L 50** # **R1-6**

Dawe, Piers J G

NVIDIA

Comment Type E **Comment Status A**

I read "the Trx_settling time holds" and thought of setup-and-hold time. I expected to see
some signal held for this time.

SuggestedRemedy

If this said "the Trx_settling time applies", that distracting thought would be avoided.

Response

Response Status C

ACCEPT IN PRINCIPLE.

Comment applied to page 55, line 43