

P802.3cu D1.0 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength 1st Task Force review com

Cl 151 SC 151.6 P L # 4

Stassar, Peter

Huawei

Comment Type ER Comment Status D bucket

In the text of clause 151.6 no reference is included to the lane assignments of 400GBASE-LR4.

*SuggestedRemedy*

Modify the first paragraph of 140.6 to:  
The wavelength range for each lane of the 400GBASE-FR4 and 400GBASE-LR4 PMDs is defined in Table 151-5. The 400GBASE-FR4 and 400GBASE-LR4 center wavelengths are members of the CWDM wavelength grid defined in ITU-T G.694.2 and are spaced at 20 nm.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 30 SC 30.5.1.1.2 P19 L44 # 21

Trowbridge, Steve

Nokia

Comment Type E Comment Status D bucket

The normal order seems to be increasing MAC rate, then increasing reach for PHYs of the same MAC rate, then decreasing lane count for PHYs with the same reach

*SuggestedRemedy*

As the reach of 400GBASE-LR4 is 6km, it should go before rather than after 400GBASE-LR8 which has 10km reach

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Two comments were received on this topic (#21 and #22).

Change the order of 400GBASE-LR4 in various lists and tables throughout the draft as appropriate (e.g. Clause 1, 30, 78 and 116), to reflect the reduction in reach from 10km to 6km.

Cl 116 SC 116.1.4 P33 L3 # 16

Nicholl, Gary

Cisco

Comment Type E Comment Status D bucket

Need to fill in TBD

*SuggestedRemedy*

Replace TBD with "IEEE Std 802.3cm-20xx"

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 116 SC 116.1.4 P33 L12 # 22

Trowbridge, Steve

Nokia

Comment Type E Comment Status D bucket

The normal order seems to be increasing MAC rate, then increasing reach for PHYs of the same MAC rate, then decreasing lane count for PHYs with the same reach

*SuggestedRemedy*

As the reach of 400GBASE-LR4 is 6km, it should go before rather than after the 400GBASE-LR8 column which has 10km reach

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

See response to comment #21.

Cl 151 SC 151.1 P53 L52 # 3

Stassar, Peter

Huawei

Comment Type E Comment Status D bucket

The last paragraph on page 53 seems redundant. It seems to be reused from Clause 122, where there are both 4 lane and 8 lane PMDs. In other PMD clauses where WDM is used for 4 lane PMDs, 87 and 88, an equivalent paragraph has not been inserted.

*SuggestedRemedy*

Remove the last paragraph on page 53 in clause 151.1

Proposed Response Response Status W

PROPOSED ACCEPT.