

IEEE 802.3db D1.2 100G, 200G, 400G Short Reach Fiber Task Force 3rd Task Force review comments

Cl 1 SC 1.4 P18 L12 # 48

Choudhury, Mabud OFS
 Comment Type E Comment Status D Bucket

Indicate Editors' Note will be removed prior to publication

SuggestedRemedy

Change to "Editors' Note (to be removed prior to publication):" Also in clause 167.1, page 41, line 53 and clause 167.1, page 42, line 27.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Add "(to be removed prior to publication)" to editors' notes as appropriate.

Cl 1 SC 1.4 P18 L14 # 16

Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket

1.4.33 "100GBASE-R encoding"

SuggestedRemedy

Do the subclause numbers such as 1.4.33 need updating?

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Update the subclause numbers in this section in accordance with the latest draft of 802.3dc.

- 1.4.39a 100GBASE-SR1 "after 100GBASE-SR10"
- 1.4.41a 100GBASE-VR1 "after 100GBASE-SR4"
- 1.4.103a 200GBASE-SR2 "after 200GBASE-R"
- 1.4.104a 200GBASE-VR2 "after 200GBASE-SR4"
- 1.4.134a 400GBASE-SR4 "after 400GBASE-SR16"
- 1.4.136a 400GBASE-VR4 "after 400GBASE-SR8"

Cl 30 SC 30.5.1.1..2 P20 L14 # 55

Nicholl, Gary Cisco
 Comment Type E Comment Status D Bucket

I see change bars throughout this section, however when I checked I don't see any actual changes to the text compared with 802.3db D1.1.

I thought the rule was that change bars are only used to highlight changes to the text compared to the previous draft, and not for example all the way back to the x.0 draft?

I suspect this comment applies throughout the draft.

SuggestedRemedy

It is probably too late for this draft, but going forward change bars should be reset at the start of each new draft and removed completely for a x.0 draft.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Ensure that the error bars are correct in subsequent drafts.

Cl 80 SC 80.1.3 P27 L7 # 56

Nicholl, Gary Cisco
 Comment Type E Comment Status D Bucket

There is no change bar associated with the editing instruction " Change list item h) in 80.1.3 as follows:", even though the text has changed from 802.3db D1.1.

SuggestedRemedy

It is to late to do anything with regard to this draft, but please ensure that change bars are used appropriately and highlight all changes in the text from one draft to the next.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Ensure that the error bars are correct in subsequent drafts.

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Cl 80 SC 80.1.3 P27 L11 # 57
 Nicholl, Gary Cisco
 Comment Type ER Comment Status D Bucket
 There is an incorrect cross-reference to Clause 167. The current text is "...and in 167 for ..." It should be "... and in Clause 167 for ...", where "Clause 167" is a single cross reference.
 The same comment applies to the entries in Table 80-1, i.e. the cross reference text should be "Clause 167" and not "167". Look at the unchanged entries in the table as an example.
 SuggestedRemedy
 Fix the cross references according to the comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Fix this cross-reference format without breaking other cross-references.

Cl 80 SC 80.1.3 P27 L33 # 58
 Nicholl, Gary Cisco
 Comment Type ER Comment Status D Bucket
 References to clauses 86 and 138 in the Table 80-1 are external references , and thus should be converted to text and use the appropriate green font for "external references". See clause 85, 95 and 140 in the same table as an example. I believe there is a special "External" character style in Frame for exactly this purpose.
 SuggestedRemedy
 Fix the cross references according to the comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Fix this cross-reference format without breaking other cross-references.

Cl 80 SC 80.1.4 P27 L27 # 18
 Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket
 As we are making this long table longer
 SuggestedRemedy
 Make the table full width with the left column sized to contents
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Resize the table with editorial license.

Cl 91 SC 91.5.2.7 P30 L11 # 59
 Nicholl, Gary Cisco
 Comment Type E Comment Status D Bucket
 The underlining in this sentence is incorrect. There would already have been a space between "100GBASE-SR2," and "100GBASE-DR" in the text being changed, and this space should not be underlined (as it is not being added).
 SuggestedRemedy
 Change the text from " 100GBASE-SR1 " to " 100GBASE-SR1 " or " 100GBASE-SR1 "
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Remove the underline from the extra space.

Cl 91 SC 91.7.4.2 P33 L26 # 19
 Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket
 91.1.0.1
 SuggestedRemedy
 91.7.4.2
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Correct the paragraph number manually.

Cl 116 SC 116.1.2 P35 L9 # 20
 Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket
 As 8 lane is g and 4 lane is h...
 SuggestedRemedy
 2 lane should be i and 1 lane (P802.3cw's "400GBASE-ZR") should be last, at j.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Coordinate with 802.3cw on the ordering of this table.

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Cl 116 SC 116.1.2 P35 L14 # 60

Nicholl, Gary Cisco
 Comment Type ER Comment Status D Bucket

Incorrect cross-reference format for clause 167. Current text is "... and 167 for ..." , but it should be "...and Clause 167 for...". Use the "ClauseNumber" format for the cross-reference in FrameMaker.

SuggestedRemedy

Fix the cross reference according to the comment, and review (and fix if necessary) for any similar issues throughout the draft. For example the same issue appears on line 18 of the same page, in Table 116-1 and in Table 116-2.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Fix this cross-reference format without breaking other cross-references.

Cl 116 SC 116.1.3 P36 L14 # 22

Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket

Table layout

SuggestedRemedy

Make Table 116-2 full width with the left column narrower (sized to 400GBASE-LR4-6)

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Resize the table with editorial license.

Cl 116 SC 116.1.4 P37 L12 # 21

Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket

Wrong font

SuggestedRemedy

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Use the correct font.

Cl 116 SC 116.1.4 P37 L42 # 61

Nicholl, Gary Cisco
 Comment Type E Comment Status D Bucket

Why is there a change bar associated with 400GBASE-ZR?

SuggestedRemedy

Delete change bar associated with 400GBASE-ZR in the next draft.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Ensure that the error bars are correct in subsequent drafts.

Cl 116 SC 116.4 P38 L6 # 23

Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket

Missing context

SuggestedRemedy

Please show the unchanged rows immediately before and after the changed rows, as in other tables.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Add one unchanged below and above the new entries.

Cl 167 SC 167.1 P41 L24 # 24

Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket

Font too small

SuggestedRemedy

Should be 9 point not 7. Remove override.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Use the correct font.

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Cl 167 SC 167.1 P42 L23 # 25
 Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket
 78
 SuggestedRemedy
 78 (no dot)
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Edit the cross-reference to remove the period.

Cl 167 SC 167.7.1 P51 L4 # 46
 Bruckman, Leon Huawei
 Comment Type T Comment Status D Bucket
 Missing reference
 SuggestedRemedy
 Add 167.8 at the end of the sentence
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 167 SC 167.7.1 P51 L4 # 26
 Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket
 per the definitions in .
 SuggestedRemedy
 167.8 Also in 167.7.2.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 167 SC 167.7.1 P51 L6 # 62
 Nicholl, Gary Cisco
 Comment Type E Comment Status D Bucket
 It would be appreciated if chage bars are only used to idenifty rows in the table that have changed from the previous draft. This would make it much easier fr the reviewer to focus on and verify any changes from the previous draft.
 SuggestedRemedy
 In future drafts please only use change bars to identify rows in tables that include changes from previous draft, rather than marking all rows in a table with change bars (and including rows where there are no changes)

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 167 SC 167.7.1 P51 L12 # 27
 Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket
 Alignment in unit column
 SuggestedRemedy
 Centre?

Proposed Response Response Status W
 PROPOSED ACCEPT.
 Center elements in the "Unit" column.

Cl 167 SC 167.7.1 P51 L34 # 30
 Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket
 Table layout
 SuggestedRemedy
 Resize column widths to contents

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Implement with editorial license.

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Cl 167 SC 167.7.1 P52 L4 # 32
 Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket
 Figure is a bitmap
 SuggestedRemedy
 Insert figure another way so it is a vector graphic. Also figures 167-4, 167-5.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 167 SC 167.7.2 P52 L29 # 47
 Bruckman, Leon Huawei
 Comment Type T Comment Status D Bucket
 Missing reference
 SuggestedRemedy
 Add 167.8 at the end of the sentence
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 167 SC 167.7.1 P52 L19 # 33
 Dawe, Piers Nvidia
 Comment Type E Comment Status D Bucket
 TECQ(dB)
 SuggestedRemedy
 Insert space. Also Figure 167-5.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 167 SC 167.7.2 P52 L29 # 64
 Nicholl, Gary Cisco
 Comment Type E Comment Status D Bucket
 Extra space before the period.
 SuggestedRemedy
 Remove the extra space.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 The reference to subclause 167.8 was missing. The sentence will read
 "... per the definitions in 167.8."

Cl 167 SC 167.7.1. P51 L36 # 63
 Nicholl, Gary Cisco
 Comment Type ER Comment Status D Bucket
 Table 167-7. The parameter listed as "Transmitter excursion, each lane (max)" should be
 "Transmitter power excursion, each lane (max)" to be consistent with the name used in
 167.8.8 (and in previous specifications such as 802.3cu-2021).
 SuggestedRemedy
 Change "Transmitter excursion, each lane (max)" to "Transmitter power excursion, each
 lane (max)"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 167 SC 167.7.2 P52 L49 # 65
 Nicholl, Gary Cisco
 Comment Type ER Comment Status D Bucket
 Shouldn't the order of the rows "Stressed receiver sensitivity (OMAouter), each lanec
 (max)" and "Receiver sensitivity (OMAouter), each lane (max)..." be reversed, to be
 consistent with the definitions in section 167.8 and what was done in 802.3cu-2021
 SuggestedRemedy
 Reverse the order of the rows mentioned in the comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

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Cl 167 SC 167.7.2 P 52 L 49 # 35
Dawe, Piers Nvidia
Comment Type E Comment Status D Bucket
Stressed receiver sensitivity and Conditions of stressed receiver sensitivity test should be next to each other in the table. Compare Table 151-8 and Table 140-7.
SuggestedRemedy
Swap Stressed receiver sensitivity and Receiver sensitivity rows
Proposed Response Response Status W
PROPOSED ACCEPT.

Cl 167 SC 167.8.7 P 58 L 33 # 39
Dawe, Piers Nvidia
Comment Type E Comment Status D Bucket
140.7.5b
SuggestedRemedy
140.7.7 Also, delete "(in 802.3cu)". Similarly in 167.8.8.
Proposed Response Response Status W
PROPOSED ACCEPT.

Cl 167 SC 167.8.13 P 59 L 50 # 40
Dawe, Piers Nvidia
Comment Type T Comment Status D Bucket
As SECQ and TECQ are the same
SuggestedRemedy
Change 167.8.5 to 167.8.6. Delete "except that ... from an ideal fourth-order Bessel-Thomson response", which has already been said.
Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.
Implement with editorial license.