Cl **FM** *SC* **FM** *P* **1** *L* **31** # I-16

Wienckowski, Natalie General Motors Company

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

cs, db, ck, and de were approved based on emails sent by IEEE Standards on 9/22/22.

SuggestedRemedy

Change: 802.3cs-202X, IEEE Std 802.3db-202X, IEEE Std 802.3ck-202X, IEEE Std 802.3de-202X
To: 802.3cs-2022, IEEE Std 802.3db-2022, IEEE Std 802.3ck-2022, IEEE Std 802.3de-2022

Response *Response Status* **C**

ACCEPT.

Cl **FM** *SC* **FM** *P* **1** *L* **33** # I-110

Dawe, Piers J G NVIDIA

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

"Optical Automotive Ethernet" but this is not a proper name

SuggestedRemedy

Change to "optical automotive Ethernet"

Response *Response Status* **C**

ACCEPT.

Cl **FM** *SC* **FM** *P* **2** *L* **1** # I-111

Dawe, Piers J G NVIDIA

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

physical layer

SuggestedRemedy

Physical Layer (as at line 5 and page 12)

Response *Response Status* **C**

ACCEPT.

Cl **FM** *SC* **FM** *P* **2** *L* **6** # I-112

Dawe, Piers J G NVIDIA

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

Automotive Ethernet is not a proper name

SuggestedRemedy

Change to "automotive Ethernet"

Response *Response Status* **C**

ACCEPT.

Cl **FM** *SC* **FM** *P* **7** *L* **12** # I-113

Dawe, Piers J G NVIDIA

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

This says "Multi-Gigabit Optical Automotive Ethernet PHY Task Force" while the header says "Multi-Gigabit Optical Automotive Ethernet Task Force"

SuggestedRemedy

Delete PHY, twice

Response *Response Status* **C**

ACCEPT.

Cl **FM** *SC* **FM** *P* **10** *L* **3** # I-114

Dawe, Piers J G NVIDIA

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

Second sentence has no verb

SuggestedRemedy

Change "Standard for Ethernet. Amendment 7" to "Standard for Ethernet, Amendment 7"

Response *Response Status* **C**

ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general *Cl* **FM** Page 1 of 14
COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn *SC* **FM** 20/10/2022 11:16:19
SORT ORDER: Clause, Subclause, page, line

Cl **FM**　　*SC* **FM**　　　　　　　*P* **11**　　　*L* **47**　　　# I-8

Grow, Robert　　　　　　　　KDPOF,RMG Consulting

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

Note should be updated now that we are in SA ballot. "These descriptions will be updated by the P802.3cz TF editor for SA ballot to include latest text from the listed amendments. The list below reflects project timelines as of August 2022."

SuggestedRemedy

Suggest: If progress on projects running in parallel necessitates a change in the P802.3cz amendment number, the P802.3cz Editor will update the below list (Amendments 1 through 5 are approved).

Response　　　　　　*Response Status* **C**

ACCEPT IN PRINCIPLE.
Change "Publication editor will add/delete items from below list to only include amendments and corrigenda approved
prior to or at the same time as this amendment. The list below reflects project timelines as of August 2022."
to
"If progress on projects running in parallel necessitates a change in the P802.3cz amendment number, the P802.3cz Editor will update the below list (Amendments 1 through 5 are approved)."

Cl **FM**　　*SC* **FM**　　　　　　　*P* **12**　　　*L* **7**　　　# I-17

Wienckowski, Natalie　　　　　　General Motors Company

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

cs was approved

SuggestedRemedy

Change: 802.3cs-202x To: 802.3cs-2022

Response　　　　　　*Response Status* **C**

ACCEPT.

Cl **FM**　　*SC* **FM**　　　　　　　*P* **12**　　　*L* **18**　　　# I-18

Wienckowski, Natalie　　　　　　General Motors Company

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

db was approved

SuggestedRemedy

Change: 802.3db-202x To: 802.3db-2022

Response　　　　　　*Response Status* **C**

ACCEPT.

Cl **FM**　　*SC* **FM**　　　　　　　*P* **12**　　　*L* **24**　　　# I-19

Wienckowski, Natalie　　　　　　General Motors Company

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

ck was approved

SuggestedRemedy

Change: 802.3ck-202x To: 802.3ck-2022

Response　　　　　　*Response Status* **C**

ACCEPT.

Cl **FM**　　*SC* **FM**　　　　　　　*P* **12**　　　*L* **26**　　　# I-23

Wienckowski, Natalie　　　　　　General Motors Company

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

The description of ck doesn't match D3.3 of P802.3ck as approved.

SuggestedRemedy

Change: This amendment to IEEE Std 802.3-2022 adds
To: This amendment includes changes to IEEE Std 802.3-2022 and adds

Response　　　　　　*Response Status* **C**

ACCEPT.

Cl **FM**　　*SC* **FM**　　　　　　　*P* **12**　　　*L* **31**　　　# I-20

Wienckowski, Natalie　　　　　　General Motors Company

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

de was approved

SuggestedRemedy

Change: 802.3de-202x To: 802.3de-2022

Response　　　　　　*Response Status* **C**

ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected　　RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **FM**
SC **FM**

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Cl **FM**   *SC* **FM**   *P* **12**   *L* **33**   # I-22

Wienckowski, Natalie   General Motors Company

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

The description of de doesn't match D3.1 of P802.3de as approved.

SuggestedRemedy

Change description to: Amendment 5 —This amendment includes changes to IEEE Std 802.3-202x to add 10 Mb/s Single-Pair Ethernet point-to-point PHYs to the PHYs supporting the MAC Merge function and the Time Synchronization Service Interface (TSSI).

Response   *Response Status* **C**

ACCEPT.

Cl **FM**   *SC* **FM**   *P* **15**   *L* **39**   # I-115

Dawe, Piers J G   NVIDIA

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

Missing tabs? Tabs don't provide enough space for 3-digit clauses?

SuggestedRemedy

Fix template?

Response   *Response Status* **C**

ACCEPT IN PRINCIPLE.
Double-check TOC template. Adjust tab or add as necessary for 3-digit clause.

Cl **FM**   *SC* **FM**   *P* **21**   *L* **4**   # I-116

Dawe, Piers J G   NVIDIA

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

Blank line

SuggestedRemedy

Remove

Response   *Response Status* **C**

ACCEPT.

Cl **0**   *SC* **0**   *P* **1**   *L* **36**   # I-3

Laubach, Mark   Tibit Communications, Inc.

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

Extra "the"

SuggestedRemedy

Replace "the The" with "The"

Response   *Response Status* **C**

ACCEPT.

Cl **1**   *SC* **1.4**   *P* **22**   *L* **5**   # I-9

Grow, Robert   KDPOF,RMG Consulting

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

I reviewed documents for base text (P802.3cx/D3.0 at date of comment) , and IMO this note can be updated.

SuggestedRemedy

The base text used to generate the editing instructions is IEEE Std 802.3-2022 as amended by IEEE Std 802.3dd-2022, IEEE Std 802.3cs-2022 (approved Draft 3.4, May 2022), IEEE Std 802.3db-2022 (approved Draft 3.2, July 2022), IEEE Std 802.3ck-2022 (approved Draft 3.3, June 2022), IEEE Std 802.3de-2022 (approved Draft 3.1, May 2022), and IEEE 802.3cx Draft 3.0 (July 2022).

Response   *Response Status* **C**

ACCEPT.

Cl **44**   *SC* **44.1.4.4**   *P* **28**   *L* **19**   # I-31

Wienckowski, Natalie   General Motors Company

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

typo in Editor's instruction

SuggestedRemedy

Change: 10BASE-AU PCS/PMA/PMD
To: 10GBASE-AU PCS/PMA/PMD

Response   *Response Status* **C**

ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **44**
SC **44.1.4.4**

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Cl **44** *SC* **44.1.4.4** *P* **28** *L* **43** # I-33

Wienckowski, Natalie General Motors Company

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

The paragraphs that define the different PHY types in Table 44-1 are in Clause order, not the order they appear in the table.

SuggestedRemedy

Change: Insert the following paragraph between paragraphs 3 and 4 in 44.1.4.4 as follows:
To: Insert the following paragraph between paragraphs 7 and 8 in 44.1.4.4 as follows:

Response *Response Status* **C**

ACCEPT.

Cl **44** *SC* **44.3** *P* **29** *L* **3** # I-34

Wienckowski, Natalie General Motors Company

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

Only one new row is added.

SuggestedRemedy

Change: Insert new rows
To: Insert new row

Response *Response Status* **C**

ACCEPT.

Cl **44** *SC* **44.3** *P* **29** *L* **3** # I-10

Grow, Robert KDPOF,RMG Consulting

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

Grammar -- instruction says "rows" but only inserts one row.

SuggestedRemedy

Change "rows" to "row".

Response *Response Status* **C**

ACCEPT.

Cl **45** *SC* **45.2.1** *P* **30** *L* **17** # I-35

Wienckowski, Natalie General Motors Company

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

Only one new row is added above each of the changed rows.

SuggestedRemedy

Change: and insert two new rows above each of them
To: and insert a new row above each of them
Alternatively, it could be changed to: and insert two new rows, one above each of the changed rows,

Response *Response Status* **C**

ACCEPT IN PRINCIPLE.
Change: "and insert two new rows above each of them"
To: "and insert a new row above each of them"

Cl **45** *SC* **45.2.1.158a.1** *P* **32** *L* **27** # I-122

Dawe, Piers J G NVIDIA

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

modes of operation different of those advertised

SuggestedRemedy

modes of operation different to those advertised
or more simply,
modes of operation not advertised

Response *Response Status* **C**

ACCEPT IN PRINCIPLE.
Change to "modes of operation not advertised by register 1.72"

Cl **45** *SC* **45.2.1.158a.1** *P* **32** *L* **28** # I-37

Wienckowski, Natalie General Motors Company

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

awkward wording

SuggestedRemedy

Change: different of those advertised
To: different from those advertised

Response *Response Status* **C**

ACCEPT IN PRINCIPLE.
Change to "modes of operation not advertised by register 1.72"
See #i-122

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **45**
SC **45.2.1.158a.1**

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Cl **45**　　　*SC* **45.2.3.88**　　　*P* **34**　　　*L* **14**　　　# I-106

Martino, Kjersti　　　　　　　Inneos

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

Missing 's'

SuggestedRemedy

its value changes with each new transmitted message

Response　　　　　*Response Status* **C**

ACCEPT.

Cl **78**　　　*SC* **78.1.4**　　　*P* **46**　　　*L* **17**　　　# I-123

Dawe, Piers J G　　　　　　　NVIDIA

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

"25GBASE-AU after 25GBASE-KR, and insert a row for 50GBASE-AU after 50GBASE-KR" but 25GBASE-CR is for 5 m, 25GBASE-T 30 m, 25GBASE-SR 100 m. Similarly, 50GBASE-CR for 3 m, 50GBASE-SR for 100 m. These AU PHYs are for 40 m.

SuggestedRemedy

Change "after 25GBASE-KR" to "after 25GBASE-CR" and "after 50GBASE-KR" to "after 50GBASE-CR". To make it easier to review and understand the amendment, include the unchanged row before and after each new row, and change "unchanged rows not shown" to "some unchanged rows not shown".

Response　　　　　*Response Status* **C**

ACCEPT IN PRINCIPLE.
Change "after 25GBASE-KR" to "after 25GBASE-CR" and "after 50GBASE-KR" to "after 50GBASE-CR".
Include the unchanged row before and after each new row, and change "unchanged rows not shown" to "some unchanged rows not shown"

Cl **78**　　　*SC* **78.5**　　　*P* **46**　　　*L* **49**　　　# I-124

Dawe, Piers J G　　　　　　　NVIDIA

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

"25GBASE-AU after 25GBASE-KR, and insert a row for 50GBASE-AU after 50GBASE-KR" but 25GBASE-CR is for 5 m, 25GBASE-T 30 m. 50GBASE-KR and 50GBASE-CR do not appear in this table; this will be the first 50G PHY. These AU PHYs are for 40 m.

SuggestedRemedy

Change "after 25GBASE-KR" to "after 25GBASE-CR" and "after 50GBASE-KR" to "after 50GBASE-R fast wake". To make it easier to review and understand the amendment, include the unchanged row before and after each new row, and change "unchanged rows not shown" to "some unchanged rows not shown".

Response　　　　　*Response Status* **C**

ACCEPT IN PRINCIPLE.
Change "after 25GBASE-KR" to "after 25GBASE-CR" and "after 50GBASE-KR" to "after 50GBASE-R fast wake".
Include the unchanged row before and after each new row, and change "unchanged rows not shown" to "some unchanged rows not shown".

Cl **131**　　　*SC* **131.1.3**　　　*P* **59**　　　*L* **11**　　　# I-130

Dawe, Piers J G　　　　　　　NVIDIA

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

"25GBASE-AU after 25GBASE-KR, and insert a row for 50GBASE-AU after 50GBASE-KR" but 25GBASE-CR is for 5 m, 25GBASE-T 30 m. 50GBASE-KR and 50GBASE-CR do not appear in this table; this will be the first 50G PHY. These AU PHYs are for 40 m.

SuggestedRemedy

Change "after 50GBASE-KR" to "after 50GBASE-CR". To make it easier to review and understand the amendment, include the unchanged row before and after each new row, and change "unchanged rows not shown" to "some unchanged rows not shown".

Response　　　　　*Response Status* **C**

ACCEPT IN PRINCIPLE.
Change "after 50GBASE-KR" to "after 50GBASE-CR"
Include the unchanged row before and after each new row, and change "unchanged rows not shown" to "some unchanged rows not shown".

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **131**
SC **131.1.3**

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20/10/2022 11:16:19

Cl **131**   *SC* **131.1.4**   *P* **59**   *L* **28**   # I-56

Wienckowski, Natalie   General Motors Company

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

Because the Editorial instruction is "insert" the new row and column should not have underlining.

SuggestedRemedy

Remove all underline in the table.
Alternatively, change the Editorial instruction to "change".

Response   *Response Status* **C**

ACCEPT IN PRINCIPLE.
Change the editorial instruction to "Change Table 131-1 inserting a row for 50GBASE-AU after 50GBASE-CR as follows (some unchanged rows not shown)" (See #i-130)

Cl **131**   *SC* **131.1.4**   *P* **59**   *L* **35**   # I-55

Wienckowski, Natalie   General Motors Company

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

formatting

SuggestedRemedy

The line weight in Table 131-3 is not consistent. The line below 50GBASE-AU should be the thinner line below the entire row.

Response   *Response Status* **C**

ACCEPT.

Cl **166**   *SC* **166.1**   *P* **61**   *L* **26**   # I-134

Dawe, Piers J G   NVIDIA

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

This can be shortened

SuggestedRemedy

Change "The 2.5GBASE-AU, 5GBASE-AU, 10GBASE-AU, 25GBASE-AU, and 50GBASE-AU PHYs" to "These PHYs" (or "These PHY types").

Response   *Response Status* **C**

ACCEPT IN PRINCIPLE.
Change "The 2.5GBASE-AU, 5GBASE-AU, 10GBASE-AU, 25GBASE-AU, and 50GBASE-AU PHYs" to "These PHY types".

Cl **166**   *SC* **166.1**   *P* **61**   *L* **28**   # I-133

Dawe, Piers J G   NVIDIA

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

as well as, repetition

SuggestedRemedy

Suggested change:
This clause defines the types 2.5GBASE-U, 5GBASE-U, 10GBASE-U, 25GBASE-U, and 50GBASE-U Physical Coding Sublayer (PCS) as well as the 2.5GBASE-U, 5GBASE-U, 10GBASE-U, 25GBASE-U, and 50GBASE-U Physical Medium Attachment (PMA) sublayers and the 2.5GBASE-AU, 5GBASE-AU, 10GBASE-AU, 25GBASE-AU, and 50GBASE-AU Physical Medium Dependent (PMD) sublayers.
This clause defines the Physical Coding Sublayer (PCS), Physical Medium Attachment (PMA) sublayer and Physical Medium Dependent (PMD) sublayer types 2.5GBASE-U, 5GBASE-U, 10GBASE-U, 25GBASE-U, and 50GBASE-U.

Response   *Response Status* **C**

ACCEPT IN PRINCIPLE.
Change "This clause defines the types 2.5GBASE-U, 5GBASE-U, 10GBASE-U, 25GBASE-U, and 50GBASE-U
Physical Coding Sublayer (PCS) as well as the 2.5GBASE-U, 5GBASE-U, 10GBASE-U, 25GBASE-U, and
50GBASE-U Physical Medium Attachment (PMA) sublayers and the 2.5GBASE-AU, 5GBASE-AU,
10GBASE-AU, 25GBASE-AU, and 50GBASE-AU Physical Medium Dependent (PMD) sublayers."
to
"This clause defines the Physical Coding Sublayer (PCS), Physical Medium Attachment (PMA) types 2.5GBASE-U, 5GBASE-U, 10GBASE-U, 25GBASE-U, as well as Physical Medium Dependent (PMD) sublayer types 2.5GBASE-AU, 5GBASE-AU, 10GBASE-AU, 25GBASE-AU, and 50GBASE-AU ."

Cl **166**   *SC* **166.1.1**   *P* **62**   *L* **22**   # I-136

Dawe, Piers J G   NVIDIA

Comment Type **T**   *Comment Status* **A**   EZ

m-bit binary - what? Adjectives but no noun

SuggestedRemedy

m-bit binary number?

Response   *Response Status* **C**

ACCEPT IN PRINCIPLE.
Change "m-bit binary" to
"m-bit binary number"

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **166**
SC **166.1.1**

Page 6 of 14
20/10/2022 11:16:19

Cl **166**　　*SC* **166.1.1**　　　　*P* **62**　　*L* **23**　　# I-137

Dawe, Piers J G　　　　　　　　　NVIDIA

Comment Type **T**　　*Comment Status* **A**　　　　　　　　EZ

fixed-point rational - what? Adjectives but no noun

SuggestedRemedy

fixed-point number?

Response　　　　　*Response Status* **C**

ACCEPT IN PRINCIPLE.
Change "rational" to "number"

Cl **166**　　*SC* **166.1.4**　　　　*P* **63**　　*L* **37**　　# I-140

Dawe, Piers J G　　　　　　　　　NVIDIA

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

composed by

SuggestedRemedy

composed of　　8 places

Response　　　　　*Response Status* **C**

ACCEPT IN PRINCIPLE.
Page 63 line 37,
Page 63 line 38,
Page 66 line 46,
Page 66 line 51,
Page 71 line 34,
Page 125 line 6,
Page 144 line 15,
Page 144 line 20,

Change "by" to "of"

Cl **166**　　*SC* **166.1.4**　　　　*P* **64**　　*L* **5**　　# I-141

Dawe, Piers J G　　　　　　　　　NVIDIA

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

The reader needs some idea what proportion of the channel is given over to OAM, yet the information to work it out is not privided until 166.2.1.

SuggestedRemedy

Change "The PHD" to "The 224-bit PHD". Change "a series of encoded PHD sub-blocks" to "a series of 20-bit encoded PHD sub-blocks".

Response　　　　　*Response Status* **C**

ACCEPT.

Cl **166**　　*SC* **166.2.1**　　　　*P* **67**　　*L* **16**　　# I-143

Dawe, Piers J G　　　　　　　　　NVIDIA

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

a multiplicity - how many?

SuggestedRemedy

Delete "a multiplicity of"

Response　　　　　*Response Status* **C**

ACCEPT.

Cl **166**　　*SC* **166.2.2.1.1**　　　　*P* **67**　　*L* **35**　　# I-59

Wienckowski, Natalie　　　　　　　General Motors Company

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

Periods are needed at the end of the sentences in the "Description" column as some cells contain more than one sentence, e.g. the one for PHD.RX.LINKSTATUS

SuggestedRemedy

Add periods at end of all cells in "Description" column in Table 166-2.

Response　　　　　*Response Status* **C**

ACCEPT.

Cl **166**　　*SC* **166.2.2.1.1**　　　　*P* **69**　　*L* **28**　　# I-144

Dawe, Piers J G　　　　　　　　　NVIDIA

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

before the decoding of first RS-FEC codeword

SuggestedRemedy

before the decoding of first RS-FEC codeword
or
before decoding the first RS-FEC codeword
Also in PICS PCS4

Response　　　　　*Response Status* **C**

ACCEPT IN PRINCIPLE.
Page 69, line 28,
Page 144, line 46,
Change "before the decoding of first RS-FEC codeword"
to
"before decoding the first RS-FEC codeword"

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected　　RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **166**
SC **166.2.2.1.1**

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Cl **166**　　*SC* **166.2.2.1.3**　　　　*P* **69**　　　*L* **49**　　# I-60

Wienckowski, Natalie　　　　　General Motors Company

Comment Type **E**　　　*Comment Status* **A**　　　　　　　　　EZ
wording

SuggestedRemedy
Change: The 224 PHD bits from PHD Builder are followed with 16 cyclic redundancy check bits
To: The 224 PHD bits from the PHD Builder are followed by 16 cyclic redundancy check bits

Response　　　　　　*Response Status* **C**
ACCEPT.

Cl **166**　　*SC* **166.2.2.1.5**　　　　*P* **70**　　　*L* **36**　　# I-61

Wienckowski, Natalie　　　　　General Motors Company

Comment Type **E**　　　*Comment Status* **A**　　　　　　　　　EZ
awkward wording

SuggestedRemedy
Change: The TRC encoder repeats three times each 20-bit sub-block.
To: The TRC encoder repeats each 20-bit sub-block three times.

Response　　　　　　*Response Status* **C**
ACCEPT.

Cl **166**　　*SC* **166.2.2.2**　　　　*P* **70**　　　*L* **46**　　# I-145

Dawe, Piers J G　　　　　NVIDIA

Comment Type **T**　　　*Comment Status* **A**　　　　　　　　　EZ
when link is established

SuggestedRemedy
when the link has been established
or
after the link has been established

Response　　　　　　*Response Status* **C**
ACCEPT IN PRINCIPLE.
Replace "when link is established" with "when the link has been stablished"

Cl **166**　　*SC* **166.2.2.3**　　　　*P* **70**　　　*L* **50**　　# I-146

Dawe, Piers J G　　　　　NVIDIA

Comment Type **E**　　　*Comment Status* **A**　　　　　　　　　EZ
tx_group80x65B - as it's 65 bits, lower case b would avoid ambiguity

SuggestedRemedy
Change tx_group80x65B to tx_group80x65B (only 3 times)

Response　　　　　　*Response Status* **C**
ACCEPT IN PRINCIPLE.
Page 70 line 50,
Page 71 line 11,
Page 71 line 16,
Change "tx_group80x65B" to "tx_group80x65b"

Cl **166**　　*SC* **166.2.2.4**　　　　*P* **71**　　　*L* **28**　　# I-147

Dawe, Piers J G　　　　　NVIDIA

Comment Type **E**　　　*Comment Status* **A**　　　　　　　　　EZ
The CW consist of

SuggestedRemedy
The CW consists of

Response　　　　　　*Response Status* **C**
ACCEPT.

Cl **166**　　*SC* **166.2.2.5**　　　　*P* **73**　　　*L* **51**　　# I-63

Wienckowski, Natalie　　　　　General Motors Company

Comment Type **E**　　　*Comment Status* **A**　　　　　　　　　EZ
missing article

SuggestedRemedy
Change: produced by BASE-U binary scrambler shift register
To: produced by the BASE-U binary scrambler shift register

Response　　　　　　*Response Status* **C**
ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected　　RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **166**
SC **166.2.2.5**

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Cl **166**   *SC* **166.2.2.6**   *P* **74**   *L* **47**   # I-64

Wienckowski, Natalie   General Motors Company

Comment Type **E**   *Comment Status* **A**   *EZ*
wording

SuggestedRemedy
Change: conform with
To: conform to
Also P74L48, P86L37, P86L39

Response   *Response Status* **C**
ACCEPT IN PRINCIPLE.
Page 74 line 47,
Page 74 line 48,
Page 86 line 37,
Page 86 line 39,
Change "conform with" to "conform to"

Cl **166**   *SC* **166.2.2.6**   *P* **76**   *L* **38**   # I-155

Dawe, Piers J G   NVIDIA

Comment Type **E**   *Comment Status* **A**   *EZ*
These arrows are at odd angles but it's a simple 64:64 mapping.

SuggestedRemedy
Straighten up the arrows, as in Figure 166-20

Response   *Response Status* **C**
ACCEPT.

Cl **166**   *SC* **166.2.2.7.1**   *P* **77**   *L* **9**   # I-65

Wienckowski, Natalie   General Motors Company

Comment Type **E**   *Comment Status* **A**   *EZ*
missing article

SuggestedRemedy
Change: For BASE-U PCS
To: For a BASE-U PCS
Also P77L14, P77L19, P77L22, P77L51, P77L54, P79L37 (2x), P79L40, P79L41, P79L52,
P79L53, P80L38, P80L48, P80L49, P81L29, P81L30, P81L44, P81L45, P82L3, P82L5,
P82L9, P82L10, P82L30, P82L32, P82L43, P82L44, P82L47, P82L51, P83L18, P82L33,
P83L45, P83L47, P83L48, P83L51, P84L30, P84L34, P86L48, P86L50, P87L51 (2x),
P90L2, P90L6, P90L29, P91L3,

Response   *Response Status* **C**
ACCEPT.

Cl **166**   *SC* **166.2.2.7.1**   *P* **77**   *L* **25**   # I-66

Wienckowski, Natalie   General Motors Company

Comment Type **E**   *Comment Status* **A**   *EZ*
I believe this is referring to multiple paragraphs before this one.

SuggestedRemedy
Change: The subscript in the labels defined in the previous paragraph
To: The subscript in the labels defined in the previous paragraphs

Response   *Response Status* **C**
ACCEPT.

Cl **166**   *SC* **166.2.2.7.9**   *P* **81**   *L* **49**   # I-67

Wienckowski, Natalie   General Motors Company

Comment Type **E**   *Comment Status* **A**   *EZ*
missing article

SuggestedRemedy
Change: BASE-U PCS
To: The BASE-U PCS

Response   *Response Status* **C**
ACCEPT.

Cl **166**   *SC* **166.3.1**   *P* **94**   *L* **18**   # I-161

Dawe, Piers J G   NVIDIA

Comment Type **E**   *Comment Status* **A**   *EZ*
Table 166-6-- Bit mapping

SuggestedRemedy
Rogue space before Bit

Response   *Response Status* **C**
ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **166**
SC **166.3.1**

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Cl **166**   *SC* **166.3.1**   *P* **94**   *L* **33**   # I-71

Wienckowski, Natalie   General Motors Company

Comment Type **E**   *Comment Status* **A**   *EZ*
  missing article

SuggestedRemedy
  Change: Symbols shall be transmitted to PMD with
  To: Symbols shall be transmitted to the PMD with

Response   *Response Status* **C**
  ACCEPT.

Cl **166**   *SC* **166.3.4.6.2**   *P* **102**   *L* **35**   # I-162

Dawe, Piers J G   NVIDIA

Comment Type **E**   *Comment Status* **A**   *EZ*
  each LPI refresh codewords

SuggestedRemedy
  codeword ?

Response   *Response Status* **C**
  ACCEPT IN PRINCIPLE.
  Change "codewords"
  to "codeword"

Cl **166**   *SC* **166.4.2**   *P* **103**   *L* **49**   # I-46

Wienckowski, Natalie   General Motors Company

Comment Type **E**   *Comment Status* **A**   *EZ*
  missing Oxford comma

SuggestedRemedy
  Add a comma after "communication channel" before "and".

Response   *Response Status* **C**
  ACCEPT.

Cl **166**   *SC* **166.4.3.3**   *P* **105**   *L* **52**   # I-173

Dawe, Piers J G   NVIDIA

Comment Type **E**   *Comment Status* **A**   *EZ*
  the last 65-bit block (i.e., the 65-bit block #79)

SuggestedRemedy
  the last 65-bit block (i.e., 65-bit block 79)

Response   *Response Status* **C**
  ACCEPT IN PRINCIPLE.
  Change "(i.e., the 65-bit block #79)"
  to "(i.e., the 65-bit block 79)"

Cl **166**   *SC* **166.4.3.4**   *P* **107**   *L* **40**   # I-74

Wienckowski, Natalie   General Motors Company

Comment Type **E**   *Comment Status* **A**   *EZ*
  missing article

SuggestedRemedy
  Change: next codeword
  To: the next codeword

Response   *Response Status* **C**
  ACCEPT.

Cl **166**   *SC* **166.5.1**   *P* **109**   *L* **11**   # I-75

Wienckowski, Natalie   General Motors Company

Comment Type **E**   *Comment Status* **A**   *EZ*
  missing article

SuggestedRemedy
  Change: as function of
  To: as a function of

Response   *Response Status* **C**
  ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **166**
SC **166.5.1**

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Cl **166**　　*SC* **166.5.1**　　　　　*P* **109**　　*L* **13**　　# I-76

Wienckowski, Natalie　　　　　General Motors Company

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

A test mode can't be a conformance requirement. It could be used to confirm compliance with a requirement.

SuggestedRemedy

Change: BER test mode is not used as a conformance requirement
To: BER test mode is not used to confirm compliance with any requirement

Response　　　　*Response Status* **C**

ACCEPT.

Cl **166**　　*SC* **166.5.2**　　　　　*P* **109**　　*L* **19**　　# I-77

Wienckowski, Natalie　　　　　General Motors Company

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

awkward wording

SuggestedRemedy

Chgange: being nsq
To: where nsq

Response　　　　*Response Status* **C**

ACCEPT IN PRINCIPLE.
Change
"where nsq depends on the BASE-AU PMD under test, being nsq = 16 for 50GBASE-AU and 25GBASE-AU, nsq = 8 for 10GBASE-AU, and nsq = 4 for 5GBASE-AU and 2.5BASE-AU."
to
"where nsq depends on the BASE-AU PMD under test, with nsq = 16 for 50GBASE-AU and 25GBASE-AU, nsq = 8 for 10GBASE-AU, and nsq = 4 for 5GBASE-AU and 2.5BASE-AU."

Cl **166**　　*SC* **166.6.1**　　　　　*P* **112**　　*L* **13**　　# I-81

Wienckowski, Natalie　　　　　General Motors Company

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

missing article

SuggestedRemedy

Change: connected to BASE-U PMA
To: connected to a BASE-U PMA

Response　　　　*Response Status* **C**

ACCEPT.

Cl **166**　　*SC* **166.6.1.1**　　　　*P* **112**　　*L* **28**　　# I-83

Wienckowski, Natalie　　　　　General Motors Company

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

awkward wording

SuggestedRemedy

Change: defines the transfer of symbols value
To: defines the transfer of symbol values

Response　　　　*Response Status* **C**

ACCEPT.

Cl **166**　　*SC* **166.6.1.3.3**　　　*P* **113**　　*L* **35**　　# I-84

Wienckowski, Natalie　　　　　General Motors Company

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

missing article

SuggestedRemedy

Change: that optical signal
To: that an optical signal
Also P113L41

Response　　　　*Response Status* **C**

ACCEPT.

Cl **166**　　*SC* **166.7.1.1**　　　　*P* **119**　　*L* **4**　　# I-164

Dawe, Piers J G　　　　　　NVIDIA

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

Overview - but there is nothing else in 166.7.1

SuggestedRemedy

Remove the subclause header "166.7.1.1 Overview"

Response　　　　*Response Status* **C**

ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected　　RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **166**
SC **166.7.1.1**

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Cl **166** *SC* **166.7.4.1** *P***121** *L***50** # I-5

Maguire, Valerie Copperopolis

Comment Type **E** *Comment Status* **A** *EZ*
Orphaned text.

SuggestedRemedy
Move anchor for Table 166-15 so that the table appears after the text, "fourth-order Bessel-Thomson filter response."

Response *Response Status* **C**
ACCEPT.

Cl **166** *SC* **166.7.8.1** *P***124** *L***16** # I-88

Wienckowski, Natalie General Motors Company

Comment Type **T** *Comment Status* **A** *EZ*
typo

SuggestedRemedy
Change: 50GBASE-A
To: 50GBASE-AU

Response *Response Status* **C**
ACCEPT.

Cl **166** *SC* **166.7.9** *P***129** *L***16** # I-91

Wienckowski, Natalie General Motors Company

Comment Type **E** *Comment Status* **A** *EZ*
grammar

SuggestedRemedy
Change: transmitter with a values of STDFOM
To: transmitter with values of STDFOM
Also L20, L24, L28, and L32.

Response *Response Status* **C**
ACCEPT.

Cl **166** *SC* **166.7.10** *P***129** *L***48** # I-92

Wienckowski, Natalie General Motors Company

Comment Type **E** *Comment Status* **A** *EZ*
This is a confusing run-on sentence.

SuggestedRemedy
Change: Stressed receiver sensitivity condition 1 and 2 shall be within the limits given in Table 166–10 if measured using the methodology defined in 166.7.10.1 and 166.7.10.3, with the conformance test signal at TP3 as described in 166.7.10.2 for condition 1 and 2 respectively, respectively, using the test patterns for stressed receiver sensitivity specified in Table 166–13 for BASE-AU with G = 1 or in Table 166–14 for BASE-AU with G = 2.
To: Stressed receiver sensitivity shall be within the limits given in Table 166–10 if measured using the methodology defined in 166.7.10.1 and 166.7.10.3, with the conformance test signal at TP3 as described in 166.7.10.2, for conditions 1 and 2, respectively. The test patterns for stressed receiver sensitivity that are used are those specified in Table 166–13 for BASE-AU with G = 1 or in Table 166–14 for BASE-AU with G = 2.

Response *Response Status* **C**
ACCEPT.

Cl **166** *SC* **166.7.10.1** *P***130** *L***36** # I-93

Wienckowski, Natalie General Motors Company

Comment Type **E** *Comment Status* **A** *EZ*
Subject verb agreement

SuggestedRemedy
Change: The FFE filter P(z) have
To: The FFE filter P(z) has

Response *Response Status* **C**
ACCEPT.

Cl **166** *SC* **166.7.10.1** *P***132** *L***7** # I-94

Wienckowski, Natalie General Motors Company

Comment Type **E** *Comment Status* **A** *EZ*
Alternatively and also are redundant.

SuggestedRemedy
Change: Alternatively, OMATP3 can be also measured using the method described in 166.7.4.
To: Alternatively, OMATP3 can be measured using the method described in 166.7.4.

Response *Response Status* **C**
ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **166** Page 12 of 14
SC **166.7.10.1** 20/10/2022 11:16:19

Cl **166**　　　*SC* **166.7.10.4**　　　*P* **133**　　　*L* **28**　　# I-95

Wienckowski, Natalie　　　　　General Motors Company

Comment Type　**T**　　　*Comment Status*　**A**　　　　　　　*EZ*

Incorrect reference. Table 166-18 is for 2.5G/5G/10GBASE-AU.

SuggestedRemedy

Change: Table 166–19
To:Table 166-18

Response　　　　　　*Response Status*　**C**

ACCEPT.

Cl **166**　　　*SC* **166.9**　　　*P* **134**　　　*L* **42**　　# I-97

Wienckowski, Natalie　　　　　General Motors Company

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

Subject verb agreement

SuggestedRemedy

Change: cabling consist
To: cabling consists

Response　　　　　　*Response Status*　**C**

ACCEPT.

Cl **166**　　　*SC* **166.9.2**　　　*P* **134**　　　*L* **54**　　# I-98

Wienckowski, Natalie　　　　　General Motors Company

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

Subject verb agreement

SuggestedRemedy

Change: consist
To: consists

Response　　　　　　*Response Status*　**C**

ACCEPT.

Cl **166**　　　*SC* **166.11**　　　*P* **136**　　　*L* **8**　　# I-100

Wienckowski, Natalie　　　　　General Motors Company

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

incorrect comma placement

SuggestedRemedy

Change: OAM channel functionality shall be active when both, the transmitted and received fields PHD.CAP.OAM, are equal to one, and disabled otherwise.
To: OAM channel functionality shall be active when both the transmitted and received fields, PHD.CAP.OAM, are equal to one, and disabled otherwise.

Response　　　　　　*Response Status*　**C**

ACCEPT.

Cl **166**　　　*SC* **166.12**　　　*P* **137**　　　*L* **6**　　# I-101

Wienckowski, Natalie　　　　　General Motors Company

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

missing article

SuggestedRemedy

Change: Received signal
To: The received signal

Response　　　　　　*Response Status*　**C**

ACCEPT.

Cl **166**　　　*SC* **166.14.3**　　　*P* **138**　　　*L* **49**　　# I-103

Wienckowski, Natalie　　　　　General Motors Company

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

Subject verb agreement

SuggestedRemedy

Change: environment(s) require
To: environment(s) requires

Response　　　　　　*Response Status*　**C**

ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected　　RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **166**
SC **166.14.3**

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Cl **166**　　*SC* **166.14.5**　　　　*P* **139**　　　*L* **26**　　　# I-104

Wienckowski, Natalie　　　　　　　General Motors Company

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

awkward wording

SuggestedRemedy

Change: where explicitly defines
To: which explicitly defines

Response　　　　　*Response Status* **C**

ACCEPT.

Cl **166A**　　*SC* **166A.3**　　　　*P* **159**　　　*L* **1**　　　# I-105

Wienckowski, Natalie　　　　　　　General Motors Company

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

blank page

SuggestedRemedy

delete blank page

Response　　　　　*Response Status* **C**

ACCEPT.

Cl **Introdu**　　*SC* **Introduction**　　　*P* **12**　　　*L* **48**　　　# I-15

Torres, Luis　　　　　　　　Knowledge Development for Plastic Optical Fiber

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

The abstract should include the type of fiber specified in PAR.

SuggestedRemedy

Add "using graded-index glass optical fiber" after "automotive Ethernet"

Response　　　　　*Response Status* **C**

ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected　　RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **Introdu**
SC **Introduction**

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