

P802.3dm D2.2 Asymmetrical Electrical Automotive Ethernet 2nd Working Group recirculation ballot comr

CI FM SC FM P 15 L 24 # 43

Simms, William

NVIDIA

Comment Type E Comment Status D EZ

Are both dj and dm Amendment 13? The Introduction describes this document as 'IEEE Std 802.3dm-20xx Amendment 13', but the title page of D2.2 gives 'Amendment 14'. The same paragraph also lists 'IEEE Std 802.3dj-20xx Amendment 13', so two amendments are numbered 13.

SuggestedRemedy

Make the amendment number in the Introduction agree with the title page and with the number assigned to 802.3dj and/or dm

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

3dm is Amendment 14 -
Change P15L36 to be Amendment 14

CI 45 SC 45.2.1.60f.1 P 43 L 5 # 23

Lo, William

Axonne Inc.

Comment Type E Comment Status D EZ

Font mismatch

SuggestedRemedy

Fix the fonts

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 45 SC 45.2.1.244.1 P 47 L 8 # 38

Simms, William

NVIDIA

Comment Type T Comment Status D EZ

45.2.1.244.1 and 45.2.1.245.1 cite the interleave Infocfield as 191.5.2.4.5 and 191.5.2.5.4. 191.5.2.4.5 is the HS_PATH PHY capability field, and Table 191-7 shows that it carries only VendorSpecificData, Reserved and OAMen. InterleaverDepth appears only in Table 191-8, the LS_PATH field specified in 191.5.2.5.4, which is also the only subclause cited for PrecodSel by 45.2.1.244.2 and 45.2.1.244.4. The reference to 191.5.2.4.5 therefore points at a field that does not contain the interleave setting.

SuggestedRemedy

Delete 191.5.2.4.5 from 45.2.1.244.1 and 45.2.1.245.1, leaving 191.5.2.5.4 as the Clause 191 reference.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 45 SC 45.2.1.250a P 48 L 26 # 35

Simms, William

NVIDIA

Comment Type E Comment Status D EZ

Typo: Missing spaces in the Description column of the table for 7.5Gb/s. 5 Gb/s, and 2.5Gb/s

SuggestedRemedy

Insert a space before 'Gb/s' in the Description column of bits 1.2318.6, 1.2318.5 and 1.2318.4.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 45 SC 45.2.3 P 53 L 20 # 3

Wienckowski, Natalie

IVN Solutions LLC; Ethernovia, Bosch

Comment Type T Comment Status D EZ

Registers 3.2322, 3.2323, and 2.2325 are not OAM registers.

SuggestedRemedy

Remove footnote "b" from these and replace with footnote "c". Add footnote c to read: This register applies to MultiGBASE-T1, 100M+MultiGBASE (-T1 and -V1), MultiG+100MBASE (-T1 and -V1), MultiGBASE-AT1, and MultiGBASE-AV1 PHYs.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 98 SC 98.2.1.1.4 P 63 L 2 # 36

Simms, William

NVIDIA

Comment Type E Comment Status D EZ

Typo: missing 'the' in 'shall be within range of 0.5V...

SuggestedRemedy

Change 'within range of' to 'within the range of' in 98.2.1.1.4 and in rows DME10 and DME11 of the Clause 98 PICS.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Add other missing articles.

Change: transmit signal at MDI shall be within range of 0.5 V ± 30% peak-to-peak.

To: the transmit signal at the MDI shall be within the range of 0.5 V ± 30% peak-to-peak.

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

CI 98

SC 98.2.1.1.4

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10/13/2026 3:11:01 PM

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CI 191 SC 191.1.3 P72 L11 # 5

Ran, Adeo Cisco Systems

Comment Type E Comment Status D EZ

The new inserted "normal operation" paragraph separates the NOTE from the paragraph it is about (which uses the terms Leader and Follower.

SuggestedRemedy

Move the NOTE above the "normal operation" paragraph.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 191 SC 191.3.2.2 P89 L38 # 44

Wang, Frank Realtek Semiconductor Corp.

Comment Type E Comment Status D EZ

Formatting

SuggestedRemedy

Turn off italics for the right bracket of "(5.625 x S)".

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 191 SC 191.5.2.6 P130 L26 # 8

Ran, Adeo Cisco Systems

Comment Type E Comment Status D EZ

"The follower sets timing_lock_OK to one when it has a stable transmit clock; otherwise, timing_lock_OK is set to zero. The setting of the timing_lock_OK value is implementation specific."

The first sentence defined the setting explicitly, so it can't be implementation specific.

SuggestedRemedy

Change to

"The follower sets timing_lock_OK to one when it has a stable transmit clock; otherwise, timing_lock_OK is set to zero. The definition of a stable transmit clock is implementation specific."

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 191 SC 191.5.2.6.1 P131 L20 # 9

Ran, Adeo Cisco Systems

Comment Type E Comment Status D EZ

The font size of the text in this subclause is too small

SuggestedRemedy

Format as normal text.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 191 SC 191.7.2.7 P157 L29 # 25

Schreiner, Stephan Rosenberger Hochfrequenztechnik GmbH & Co. KG

Comment Type E Comment Status D EZ

Unit of PSD is "dBm/HZ", but the "Z" should not be capital EQ: 191-15, 191-16

SuggestedRemedy

Change unit to "dBm/Hz"

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 191B SC 191B.3 P326 L13 # 30

Simms, William NVIDIA

Comment Type E Comment Status D EZ

The annex calls 191.6.2.5 'the transmitter distortion test', but 191.6.2.5 is titled 'Transmitter linearity'.

SuggestedRemedy

Refer to the subclause by its title, as the transmitter linearity test specified in 191.6.2.5.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Make the suggested change.

Also, correct the paragraph numbering in 191B. It is currently "GI" instead of "191B" and starts with ".3" instead of ".1".

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CI 192 SC 192.1.1 P 193 L 4 # 14

Ran, Adeo Cisco Systems

Comment Type E Comment Status D EZ

The notations Nr, Np, Nz appear numerous times in this clause. These names are mentioned in this nomenclature subclause, but the actual values are only listed in 192.3.4.1, and being among the last instances of these names it is very difficult to find them. This makes reading and understanding the specification difficult for the uninformed reader.

SuggestedRemedy

Add "(see 192.3.4.1)" in the descriptions of Nr, Np, and Nz.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 192 SC 192.1.3.2 P 196 L 2 # 46

Wang, Frank Realtek Semiconductor Corp.

Comment Type E Comment Status D EZ

For consistency with other IEEE 802.3 clauses, the symbol size should be omitted from within the parentheses.

SuggestedRemedy

Change "RS-FEC(130,124,8)" to "RS-FEC(130,124)".

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

(Editor's note: Incorrect page number.)

On P197, L2,
Replace, "RS-FEC(130,124,8)"
with, "RS-FEC(130,124)".

CI 192 SC 192.1.4 P 197 L 45 # 47

Wang, Frank Realtek Semiconductor Corp.

Comment Type E Comment Status D EZ

The "Z symbols" appears for the first time here without reference.

SuggestedRemedy

Change "Z symbols" to "Z symbols (see 192.5.2.4)".

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 192 SC 192.3.2.1 P 206 L 36 # 49

Wang, Frank Realtek Semiconductor Corp.

Comment Type E Comment Status D EZ

Missing period.

SuggestedRemedy

Change "(see 192.3.5.1.2)" to "(see 192.3.5.1.2)."

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 192 SC 192.3.2.2.3 P 211 L 6 # 50

Wang, Frank Realtek Semiconductor Corp.

Comment Type E Comment Status D EZ

The index of character should be subscript.

SuggestedRemedy

Line 6: change D0 and D7 to D₀ and D₇, respectively.
Line 7: change C0, C7, O0, and O4 to C₀, C₇, O₀, and O₄, respectively.
Line 8: change S0 and S4 to S₀ and S₄, respectively.
Line 9: change T0 and T7 to T₀ and T₇, respectively.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 192 SC 192.3.2.2.4 P 211 L 31 # 51

Wang, Frank Realtek Semiconductor Corp.

Comment Type E Comment Status D EZ

To be consistent with Figure 192-7.

SuggestedRemedy

Line 31: change "Input data" to "Input Data".
Line 34: change "input data" to "Input Data".
Line 39: change "Input data field" to "Input Data column".

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

(Editor's note: "Input data" is the style used in Figure 192-7.)

Page 211, Line 39: change "Input data field" to "Input data column".

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CI 192 SC 192.3.2.2.4 P 211 L 38 # 52
Wang, Frank Realtek Semiconductor Corp.
Comment Type E Comment Status D EZ
To be consistent with the previous clauses.
SuggestedRemedy
Change "start" to "Start" and change "terminate" to "Terminate".
Proposed Response Response Status W
PROPOSED REJECT.
See text in clauses 192.3.2.2.7 and 192.3.2.2.8. "start control character (/S/)" and "terminate control character (/T/)" are not capitalized.

CI 192 SC 192.3.2.2.13 P 215 L 46 # 53
Wang, Frank Realtek Semiconductor Corp.
Comment Type E Comment Status D EZ
Missing period.
SuggestedRemedy
Add a period to the end of line 46.
Proposed Response Response Status W
PROPOSED REJECT.
This change would not be aligned with the style of other similar equation references. See P216, L7 for an example.

CI 192 SC 192.3.2.3 P 225 L 50 # 55
Wang, Frank Realtek Semiconductor Corp.
Comment Type T Comment Status D EZ
The selections to the mux/demux are not complete.
SuggestedRemedy
Change "10 Gb/s * (tx_mode = SEND_N)" to "bit rate * (tx_mode = SEND_N)".
Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.
(Editor's note: Agree with commenter. The muxes used to be 2-way. Now that they are 3-way, it's harder to show the selector. A change should be made, but not sure if "bit rate" or some other variable is appropriate. Would like input from the Task Force.)
TFTD

CI 192 SC 192.3.2.3.1 P 226 L 32 # 56
Wang, Frank Realtek Semiconductor Corp.
Comment Type E Comment Status D EZ
7.5 Gb/s is for HS PATH only.
SuggestedRemedy
Change "see Figure 192-12 for LS_RX or Figure 192-13 for HS_RX" to "see Figure 192-13 and Figure 192-14"
Proposed Response Response Status W
PROPOSED ACCEPT.

CI 192 SC 192.3.4 P 229 L 2 # 57
Wang, Frank Realtek Semiconductor Corp.
Comment Type E Comment Status D EZ
Formatting
SuggestedRemedy
Line 2: turn off italics for the right bracket of (N<sub>z).
Line 14: turn off italics for the right bracket of (N<sub>z).
Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.
Line 2: turn off italics for the right bracket of (N<sub>z).
Line 3: add "." to the end of the sentence
Line 14: turn off italics for the right bracket of (N<sub>z).

CI 192 SC 192.3.4 P 230 L 43 # 58
Wang, Frank Realtek Semiconductor Corp.
Comment Type E Comment Status D EZ
The right-side arrow to the refresh header of LS burst structure may need adjustment.
SuggestedRemedy
As comment.
Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.
Move the right-side arrow to the refresh header of LS represented by the hashed box.

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<i>Cl</i> 192	<i>SC</i> 192.3.4.1	<i>P</i> 231	<i>L</i> 22	# 59
Wang, Frank		Realtek Semiconductor Corp.		
<i>Comment Type</i>	E	<i>Comment Status</i>	D	<i>EZ</i>
Formatting				
<i>SuggestedRemedy</i>				
Apply italic formatting to N<sub>r, N<sub>p, and N<sub>z.				
<i>Proposed Response</i>	<i>Response Status</i> W			
PROPOSED ACCEPT.				

<i>Cl</i> 192	<i>SC</i> 192.9.2.1	<i>P</i> 290	<i>L</i> 19	# 15
Ran, Adeo		Cisco Systems		
<i>Comment Type</i>	E	<i>Comment Status</i>	D	<i>EZ</i>
Fmax in Equations 192-33 and 192-34 has MHz units but should be a number, see similar comment against 191.9.1.1.				
<i>SuggestedRemedy</i>				
Change Equations 192-33 and 192-34 to define Fmax as a number (without MHz), and in 192.7.1.5 delete "MHz".				
<i>Proposed Response</i>	<i>Response Status</i> W			
PROPOSED ACCEPT IN PRINCIPLE.				
(Editor's note: This comment applies to text that is not in scope.)				
P290, L19 - Replace "3000 MHz" with "3000"				
P290, L20 - Replace "4000 MHz" with "4000"				
P291, L35 - Replace "3000 MHz" with "3000"				
P291, L36 - Replace "4000 MHz" with "4000"				