

IEEE P802.3dm D2.0 Asymmetrical Electrical Automotive Ethernet Initial Working Group ballot comments

CI FM SC FM P13 L25 # 236

Muma, Scott Microchip Technology Inc.

Comment Type TR Comment Status R 1G

Add support to Clause 192 for a 1 Gb/s LS PHY option for use with 5 and 7.5 Gb/s HS

SuggestedRemedy

Add 1 Gb/s support according to the changes proposed in chini_3dm_02a_D2d0_comments-preview.pdf in the June 2 ad hoc meeting folder <https://ieee802.org/3/dm/public/adhoc/060226>, with editorial license.

Response Response Status U

REJECT.

There was no consensus in the CRG to make the change. See #358 for Motion details.

CI 00 SC 0 P3 L4 # 478

Dawe, Piers Nvidia

Comment Type ER Comment Status R nomenclature

Don't use + within a word, because search engines and similar, and humans, interpret it as plus meaning and, not a letter within a word. This isn't 100BASE-T1 and 2.5GBASE-T1 (for example), nor a thing with two symmetrical rate options, but a distinct PHY. We discovered the problem with SFP+, too late to change that, but there is no need to repeat the same mistake.

SuggestedRemedy

Change + to something else e.g. underscore

Response Response Status U

REJECT.

We had a discussion on this in November 2024 where "_" was an option, but it was not preferred. (https://ieee802.org/3/dm/public/1124/wienckowski_3dm_02a_NOV2024.pdf)

In this case, + does mean "and" as both rates are supported, one as transmit and the other as receive.

CI 1 SC 1.4.26 P28 L29 # 90

Kim, Yong General Motors

Comment Type TR Comment Status R definitions

"The electrical and mechanical interface to the shared coaxial cable medium", where "shared" is stricken is problematic for 10BASE5, 10BASE2, and 10Broad36, MAU ("PHY").

SuggestedRemedy

Reverse the change and define coax cable P2P or appropriate definition for asymmetric phy over coax.

Response Response Status U

REJECT.

This comment is on 1.4.249, not 1.4.26.

Striking "shared" does not mean it can't be used as a "shared" medium.

CI 46 SC 46.3.1.1 P48 L11 # 115

Kim, Yong General Motors

Comment Type ER Comment Status R Clause_46

The addition of the word "transmit" does not add to clarity. It's already clear. TXCLK is by definition transmit direction. There is, however, technical concern on how asymmetric MAC rates are defined. It's missing (see my comment on CL4.4.2 reference).

SuggestedRemedy

Delete the added word "transmit"

Response Response Status U

REJECT.

There is no consensus to make a change.

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CI 192 SC 192 P158 L1 # 492

Zerna, Conrad

NXP

Comment Type TR Comment Status R 1G

Proposed speed of 1Gbps is not included in the draft

SuggestedRemedy

Add proposed green highlights from
https://www.ieee802.org/3/dm/public/adhoc/060226/chini_3dm_02a_D2d0_1G_comments-preview.pdf
 Into the draft

Response Response Status U

REJECT.

There was no consensus in the CRG to make the change. See #358 for Motion details.

CI 192 SC 192.1.1 P159 L17 # 226

Schedl, Anton

BMW Group

Comment Type TR Comment Status R 1G

Add a 1 Gb/s LS PHY option for use with Clause 192

SuggestedRemedy

Add 1 Gb/s LS PHY support according to changes proposed in
https://www.ieee802.org/3/dm/public/adhoc/060226/chini_3dm_02a_D2d0_1G-comment-preview.pdf

Note: for efficiency reasons (i.e., avoid a lot of duplicates in the comments) the referenced page, sub-clause and line # in this comment is reduced to a single sub-clause (192.1.1). All relevant pages, sub-clauses and lines that require updates can be seen in the referenced markup file (chini_3dm_02a_D2d0_1G-comment-preview.pdf).

Response Response Status U

REJECT.

There was no consensus in the CRG to make the change. See #358 for Motion details.

CI 192 SC 192.1.1 P159 L17 # 220

Matheus, Kirsten

BMW Group

Comment Type TR Comment Status R 1G

Add a 1 Gb/s LS PHY option for use with Clause 192

SuggestedRemedy

Add 1 Gb/s LS PHY support in accordance with changes proposed in
https://www.ieee802.org/3/dm/public/adhoc/060226/chini_3dm_02a_D2d0_1G-comment-preview.pdf

Note: for efficiency reasons (the referenced page, sub-clause and line # in this comment is reduced to a single sub-clause (192.1.1). All relevant pages, sub-clauses and lines that require updates can be seen in the referenced markup file (chini_3dm_02a_D2d0_1G-comment-preview.pdf).

Response Response Status U

REJECT.

There was no consensus in the CRG to make the change. See #358 for Motion details.

CI 192 SC 192.1.1 P159 L17 # 222

Veloso, Gumersindo

BMW Group

Comment Type TR Comment Status R 1G

Add a 1 Gb/s LS PHY option for use with Clause 192

SuggestedRemedy

Add 1 Gb/s LS PHY support according to changes proposed in
https://www.ieee802.org/3/dm/public/adhoc/060226/chini_3dm_02a_D2d0_1G-comment-preview.pdf and adapt any affected chapter/subchapter as can be seen under chini_3dm_02a_D2d0_1G-comment-preview.pdf.

Response Response Status U

REJECT.

There was no consensus in the CRG to make the change. See #358 for Motion details.

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 192
SC 192.1.1

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