

CI **FM** SC P1 L13 # 96

Marris, Arthur Cadence Design Systems

Comment Type **T** Comment Status **D** EZ2

I think the name of the amendment could be improved from "Physical Layer Specifications and Management Parameters for Greater Than 1 Gb/s Automotive Ethernet".

This is an amendment for 2.5 Gb/s, 5 Gb/s, and 10 Gb/s PHYs and the title should state that.

Also there is likely to be a project for a 25G automotive PHY in the future and this would also be greater than 1G.

SuggestedRemedy

Change the title of the amendment to:
"Physical Layer Specifications and Management Parameters for 2.5 Gb/s, 5 Gb/s, and 10 Gb/s Automotive Ethernet"

Proposed Response Response Status **W**

PROPOSED ACCEPT IN PRINCIPLE.

Change: "Draft Standard for Ethernet Amendment:Physical Layer Specifications and Management Parameters for Greater Than 1 Gb/s Automotive Ethernet"

To: Draft Standard for Ethernet Amendment:Physical Layer Specifications and Management Parameters for 2.5 Gb/s, 5 Gb/s and 10 Gb/s Automotive Electrical Ethernet."

CI **FM** SC **FM** P1 L8 # 122

Carlson, Steven High Speed Design, Inc; Marvell; Robert Bosch

Comment Type **E** Comment Status **D** EZ2

The amendment title may cause confusion now that IEEE 802.3 has a study group focused on 10 Gb/s and greater automotive electrical PHYS. Amendment titles must be within the scope of the PAR. See [1] Subclause 4.2.3.2 'Review of draft standards' of the IEEE-SA Standards Board Operations Manual <https://standards.ieee.org/develop/policies/opman/sb_om.pdf> states 'Title of Document. The title on the draft document and submittal form shall be within the scope as stated on the most recently approved PAR, or action(s) shall be taken to ensure this.'

[2] The IEEE-SA 2014 Style manual <<https://development.standards.ieee.org/myproject/Public/mytools/draft/styleman.pdf>> has similar text in subclause 9.2 'Title' that reads 'Per 4.2.3.2 of the IEEE-SA Standards Board Operations Manual, the title on the draft document shall be within the scope as stated on the most recently approved PAR.'. The proposed change is within the scope of the PAR.

[3] Item 2 Of the RevCom check list <<https://development.standards.ieee.org/myproject/Public/mytools/approve/subchklist.pdf>> reads 'Is the Title of the submitted draft within the Scope of the PAR?'. The proposed change is within the scope of the PAR.

SuggestedRemedy

Change: "Draft Standard for Ethernet Amendment:Physical Layer Specifications and Management Parameters for Greater Than 1 Gb/s Automotive Ethernet" To: Draft Standard for Ethernet Amendment:Physical Layer Specifications and Management Parameters for 2.5 Gb/s, 5 Gb/s and 10 Gb/s Automotive Ethernet."

Proposed Response Response Status **W**

PROPOSED ACCEPT IN PRINCIPLE.

Change: "Draft Standard for Ethernet Amendment:Physical Layer Specifications and Management Parameters for Greater Than 1 Gb/s Automotive Ethernet"

To: Draft Standard for Ethernet Amendment:Physical Layer Specifications and Management Parameters for 2.5 Gb/s, 5 Gb/s and 10 Gb/s Automotive Electrical Ethernet."

CI **FM** SC **FM** P1 L18 # 88

Trowbridge, Steve

Nokia

Comment Type **E** Comment Status **D** EZ2

Now that there is another effort that will likely become a project for greater than 10 Gb/s operation, the title may not be sufficiently unique

SuggestedRemedy

Consider a title listing 2.5 Gb/s, 5 Gb/s, 10 Gb/s operation to make it clear that the >10 Gb/s interfaces are not included

Proposed Response Response Status **W**

PROPOSED ACCEPT IN PRINCIPLE.

Change: "Draft Standard for Ethernet Amendment:Physical Layer Specifications and Management Parameters for Greater Than 1 Gb/s Automotive Ethernet"

To: Draft Standard for Ethernet Amendment:Physical Layer Specifications and Management Parameters for 2.5 Gb/s, 5 Gb/s and 10 Gb/s Automotive Electrical Ethernet."

CI **149** SC **149.11.4.4.3** P185 L1 # 148

Donahue, Curtis

UNH-IOL

Comment Type **E** Comment Status **D** EZ2

Shall statement missing associated PICS item

SuggestedRemedy

Insert new PICS entry after TSE15 of Draft 2.0, with the following content:

Feature: EOJpk-pk Jitter

Subclause: 149.5.2.3.2

Value/Comment: Less than 4/S ps

Status: M

Support: Yes[] N/A[]

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **149** SC **149.11.4.5** P186 L22 # 152

Donahue, Curtis

UNH-IOL

Comment Type **E** Comment Status **D** EZ2

Typo.

SuggestedRemedy

Change '10G return loss' to '10GBASE-T1 return loss'

Proposed Response Response Status **W**

PROPOSED ACCEPT.

CI **149** SC **149.5.1** P155 L38 # 70

Wienckowski, Natalie

General Motors

Comment Type **E** Comment Status **D** EZ2

Add non-breaking space in the number per the IEEE-SA Style Manual.

SuggestedRemedy

Change: 175.78125 MHz.

To: 175.781 25 MHz.

Proposed Response Response Status **W**

PROPOSED REJECT.

The current format is correct per 802.3 style for numbers.