

IEEE P802.3xx draft Y.Z Comments

CI 00 SC 00 P L # 193
 Grow, Robert Intel

Comment Type E Comment Status D

When published IEEE Std 802.3-2005 will have Helvetica converted to Arial and Times to Times New Roman.

SuggestedRemedy

Change fonts as required to be consistent with the target base document for this amendment.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 00 SC 00 P L # 60
 van Doorn, Schelto

Comment Type E Comment Status D e

Reformat Tables to IEEE style

SuggestedRemedy

Reformat Tables to IEEE style

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 00 SC 00 P L # 561
 Grow, Robert Intel

Comment Type E Comment Status D

Ohms should be replaced with the greek symbol from the Symbol font set.

SuggestedRemedy

Search and replace as appropriate. (23 search hits in the pdf. covering multiple clauses.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 00 SC 00 P1 L01 # 413
 Barrass, Hugh Cisco Systems

Comment Type ER Comment Status X open

Given that 1000BASE-KX is a 1Gbps PHY, the management interface of choice should be Clause 22. This would allow a 1G MAC device to operate with multiple 1Gbps PHYs using the same MDIO interface. Additional Clause 45 registers may be accessed using the ""Clause 22 access to Clause 45 registers"" mechanism defined originally in 802.3ah.

Similarly, a 10G MAC device should be expected to operate with 10GBASE-K or other 10G PHYs and if it is capable of dual speeds then it may need to interface with 1000BASE-KX or other 1G PHYs.

SuggestedRemedy

The management register access structure needs to be thought through in the context of multiply capable devices. The structure of registers and access methods should work similarly for similar speed devices.

Multiple comments have been submitted (by this commenter) for this, but thought must be given to the problem as a whole in order to assess the merit of these and other solutions.

Proposed Response Response Status O

CI 00 SC 00 P11 L03 # 762
 David V James JGG

Comment Type ER Comment Status D

DVJ-2
 Wrong title

SuggestedRemedy

Table of Figures
 ==>
 List of figures

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

However the list of figures and list of tables will be removed from the document because they are not a part of the main document

IEEE P802.3xx draft Y.Z Comments

CI 00 SC 00 P12 L03 # 763
David V James JGG

Comment Type ER Comment Status D

DVJ-3
Wrong title

SuggestedRemedy

Table of Tables
==>
List of tables

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

However the list of figures and list of tables will be removed from the document because they are not a part of the main document

CI 00 SC 00 P3 L03 # 761
David V James JGG

Comment Type ER Comment Status D

DVJ-1
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Table of Contents
==>
Table of contents

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

However the list of figures and list of tables will be removed from the document because they are not a part of the main document

CI 00 SC 00 P7 L32 # 123
John, D'Ambrosia

Comment Type E Comment Status D

formatting errors - indent of 2nd line and page number

SuggestedRemedy

coorect

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
The "Table of content", "List of figures" and "List of tables" are not part of this document. The editor has added the templates for informational purposes only.

CI 00 SC 00 P8 L54 # 124
John, D'Ambrosia

Comment Type E Comment Status D

formatting errors - indent of 2nd line and page number

SuggestedRemedy

correct

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
The "Table of content", "List of figures" and "List of tables" are not part of this document. The editor has added the templates for informational purposes only.

CI 00 SC 69.3.3.2 P54 L44 # 214
Grow, Robert Intel

Comment Type ER Comment Status D

This is an occurance of incorrect/inconsistent usage of italics. We may as well get this as close to right as we can before SCC 14 comments on it at sponsor ballot, especially with the number of equations in this draft. I made this as a 00 rather than creating the dozens of possible comments.

SuggestedRemedy

All math variables are to be in italics whether in equations or in text. Constants are to be in upright text.

Proposed Response Response Status W

PROPOSED ACCEPT.

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CI 01 SC 01 P13 L10 # 196
Grow, Robert Intel

Comment Type ER Comment Status D

The editing instructions note will be included in the front matter supplied by the WG Chair, hopefully as currently specified, and should be included in the published standard.

SuggestedRemedy

The note should agree in format and content with 21.1 of the 2005 Style Manual.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 01 SC 01.1 P13 L18 # 455
Dawe, Piers Agilent

Comment Type E Comment Status D

Last sentence of editors' note has nothing to do with the rest of the editors' note. Not clear whether 'editorial notes' are the same as editors' notes. If so, can we tighten up our terminology? I suspect they aren't, and they are the items in bold italic.

SuggestedRemedy

Turn most of this into editorial notes (not removed at publication). Insert a paragraph break before last sentence. Create new editors' note detailing the basis document (P802.3REVam and maybe an, aq) - see them for examples.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 01 SC 01.4 P13 L36 # 456
Dawe, Piers Agilent

Comment Type E Comment Status D caps

Unnecessary capitals. In the definitions and abbreviations sections, an entry can start in lower case.

SuggestedRemedy

Change to 'differential Manchester encoding' here and in 1.5. Scrub 1.5: backplane, local device, link partner (see clause 37 for precedent for those two), extended Next Page (maybe). Search and replace 'Differential Manchester Encoding', 'Local Device' and 'Link Partner' throughout the document.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 01 SC 01.4 P13 L37 # 764
David V James JGG

Comment Type ER Comment Status D caps

DVJ-4
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Differential Manchester Encoding
==>
differential Manchester encoding

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 01 SC 01.5 P13 L36 # 458
Dawe, Piers Agilent

Comment Type E Comment Status D

encoded or encoding? 1.4 and 1.5 differ.

SuggestedRemedy

Change to 'encoding'.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 01 SC 01.5 P13 L49 # 765
David V James JGG

Comment Type ER Comment Status D caps

DVJ-5
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Backplane
==>
backplane

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

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CI 01 SC 01.5 P13 L49 # 4

Daines, Kevin

Comment Type E Comment Status D

I find it a bit awkward that a definition and abbreviation use slightly different wording. For instance, DME is defined as ""Differential Manchester Encoded"" in 1.5 while in 1.4 the term used is ""Differential Manchistere Encoding"". I realize that grammatically, both ""Encoded"" and ""Encoding"" are probably used.

SuggestedRemedy

Consider harmonizing the definition and abbreviation.

Proposed Response Response Status W

PROPOSED ACCEPT.
Will change encoded to encoding

CI 01 SC 01.5 P13 L50 # 766

David V James

JGG

Comment Type ER Comment Status D Caps

DVJ-6
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Differential Manchester Encoded
==>
differential Manchester encoded

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 01 SC 01.5 P13 L51 # 767

David V James

JGG

Comment Type ER Comment Status D Caps

DVJ-7
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Local Device
==>
local device

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 01 SC 01.5 P13 L52 # 768

David V James

JGG

Comment Type ER Comment Status D Caps

DVJ-8
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Link Partner
==>
link partner

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 01 SC 01.5 P13 L53 # 769
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-9
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Next Page
 ==>
 next page

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 01 SC 01.5 P13 L53 # 457
 Dawe, Piers Agilent

Comment Type E Comment Status X open

I couldn't find XNP or Extended Next Page in this draft.

SuggestedRemedy

Remove the entry from the abbreviations list.

Proposed Response Response Status O

CI 01 SC 01.5 P13 L54 # 770
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-10
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Extended Next Page
 ==>
 extended next page

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 28A SC 28A P138 L38 # 716
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-143
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Encoding
 ==>
 encoding

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 28A SC 28A P138 L41 # 715
 David V James JGG

Comment Type ER Comment Status D e

DVJ-142
 Nonstandard table line widths

SuggestedRemedy

==>
 very thin in center
 thin on edges of header and body

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 28A SC 28A P14 L01 # 197
 Grow, Robert Intel

Comment Type ER Comment Status D

Correct the order of clauses and annexes.

SuggestedRemedy

Publication order is changes to clauses, then changes to annexes, new clauses then new annexes.

Proposed Response Response Status W
 PROPOSED ACCEPT.

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CI 28A SC 28A P14 L09 # 200
 Grow, Robert Intel
 Comment Type E Comment Status D
 Overly complex yet incomplete editing instruction.
 SuggestedRemedy
 Change table as follows, (moving footnote anchor to the next row).
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 28A SC 28A P14 L19 # 201
 Grow, Robert Intel
 Comment Type ER Comment Status D
 Incorrect underline.
 SuggestedRemedy
 Only underline ""Clause 28"".
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 28A SC 28A P14 L19 # 459
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 Please show what you are doing to the base document
 SuggestedRemedy
 Include the material you propose deleting, in black strikeout.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 28A SC 28A P14 L25 # 202
 Grow, Robert Intel
 Comment Type ER Comment Status D
 If this is to be a Change instruction, then the strikethrough text should be shown.
 SuggestedRemedy
 Put the text currently in REVam for the value description as strikethrough.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 30 SC 30.5.1.1.2 P15 L42 # 595
 Booth, Brad Intel
 Comment Type ER Comment Status D
 Change the editing instructions to be short and specific. Show only the inserted text and use the editing instruction to indicate insertion point.
 This also applies to Annex 30B

SuggestedRemedy
 Remove current editing instruction. Remove text in 30.5.1.1.2 except text to be inserted. Add an editing instruction before 1000BASE-KX to read: Insert 1000BASE-KX after 1000BASE-CXFD. Add an editing instruction before 10GBASE-KX4 to read: Insert 10GBASE-KX4 after 10GBASE-CX4. Add an editing instruction before 10GBASE-KR to read: Insert 10GBASE-KR before 10GBASE-W. (This last instruction is an insert before because LRM will be inserted somewhere in the R set, so inserting before W will place KR at the end of the R set.)
 The same edits would be required to Annex 30B (specifically, 30B.2).

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 30 SC 30.5.1.1.2 P16 L38 # 203
 Grow, Robert Intel
 Comment Type E Comment Status D
 Text included that is inconsistent with the editing instruction.
 SuggestedRemedy
 Delete the BEHAVIOUR part of the attribute declaration.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 34 SC 34.1 P19 L # 609
 Diab, Wael Cisco
 Comment Type E Comment Status D
 Clause 34 modifications should really appear on a page of their own
 SuggestedRemedy
 seperate into a new page
 Proposed Response Response Status W
 PROPOSED ACCEPT.

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Cl 34 SC 34.1 P19 L21 # 582
 Booth, Brad Intel
 Comment Type E Comment Status D e
 Incorrect editing instruction.
 SuggestedRemedy
 Change ""Add"" to be ""Insert"". Inserted text does not to be underlined.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 44 SC 44.1.1 P19 L35 # 583
 Booth, Brad Intel
 Comment Type E Comment Status D e
 Missing period at end of sentence and inserted text does not need to be underlined.
 SuggestedRemedy
 As per comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 34 SC 34.1 P19 L21 # 198
 Grow, Robert Intel
 Comment Type E Comment Status D e
 Add isn't one of the defined instructions
 SuggestedRemedy
 Change instruction to read: Insert the following after the second paragraph of 34.1.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 44 SC 44.1.1 P19 L36 # 5
 Daines, Kevin
 Comment Type E Comment Status D e
 I prefer the wording used in Clause 34.
 SuggestedRemedy
 Change ""see Clause 69"" to ""For additional information on Backplane Ethernet, refer to Clause 69""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 34 SC 34.1 P19 L23 # 204
 Grow, Robert Intel
 Comment Type E Comment Status D e
 Including the word ""entity"" is redundant. If you look at clause 1 PHY includes entity in its expansion effectively giving you ""entity entity"".
 SuggestedRemedy
 Delete entity, and entities in line 36.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 44 SC 44.1.1 P19 L37 # 771
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-11
 Missing period
 SuggestedRemedy
 Clause 69
 ==>
 Clause 69.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 44 SC 44.1 P19 L29 # 610
 Diab, Wael Cisco
 Comment Type E Comment Status D e
 C44 mods should really appear on a new page of their own
 SuggestedRemedy
 Seperate into a new page
 Proposed Response Response Status W
 PROPOSED ACCEPT.

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Cl 44 SC 44.1.3 - 44.4 P19 L37 # 293
 Zimmerman, George Solarflare Communicat

Comment Type ER Comment Status D

Information on objectives, iso references, reconciliation sublayer, physical layer signalling, and delay constraints for all other 10Gb/s PHYs are included in Clause 44, but are absent for the proposed amendment. They appear to be relevant, and the information is contained (at least in part, possibly all) in the proposed clause 69. For consistency and ease of use of 802.3, it should also be in Clause 44.

SuggestedRemedy

Update Clause 44 to forms similar to those used by 802.3ae, 802.3ak, 802.3an and 802.3aq for 802.3ap.

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Cl 45 SC 45. P21 L # 62
 van Doorn, Schelto

Comment Type ER Comment Status D

When .3an is ""stable"" synchronize text with .3an and rewrite clause 45 as an amendment to .3an.

SuggestedRemedy

Edit before sponsor ballot

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45. P21 L02 # 772
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-12
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Data Input/Output (MDIO) Interface
 ==>
 data input/output (MDIO) interface

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

Cl 45 SC 45. P22 L05 # 773
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-13
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Manageable Device
 ==>
 manageable device

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

Cl 45 SC 45. P23 L09 # 774
 David V James JGG

Comment Type ER Comment Status D

DVJ-14
 Values are normally listed starting from zero.

SuggestedRemedy

List the 0 value on top.

Proposed Response Response Status W
 PROPOSED REJECT.

This is in line with the .3am document

Cl 45 SC 45.1 P21 L20 # 410
 Barrass, Hugh Cisco Systems

Comment Type E Comment Status D e

This paragraph adequately covers the application of Clause 45 MDIO access to Backplane Ethernet in the original version, therefore the changes are entirely unnecessary.

SuggestedRemedy

Delete all changes to 45.1

Proposed Response Response Status W
 PROPOSED ACCEPT.

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CI 45 SC 45.1 P21 L21 # 126

John, D'Ambrosia

Comment Type E Comment Status D

Verbiage clarification
 ""is applicable to the following""

SuggestedRemedy

change to
 ""is applicable to any of the following""

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Text will stay the same as in #461 and #410

CI 45 SC 45.1 P21 L21 # 461

Dawe, Piers Agilent

Comment Type E Comment Status D e

Base document doesn't say 'Ethernet' before 'the following'

SuggestedRemedy

Remove the struck-out 'Ethernet'.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 45 SC 45.2 P21 L36 # 199

Grow, Robert Intel

Comment Type E Comment Status D

Aren't both tables 1 and 2 redundant.

SuggestedRemedy

Correct editors note.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.
 Will change:"This table is completely redundant with P802.3an and should only be included in the first amendment published."
 to:
 "This table is the same as P802.3an and does not need to be changed if amendment P802.3an is published first."

CI 45 SC 45.2 P22 L24 # 462

Dawe, Piers Agilent

Comment Type E Comment Status D e

What's the purple for? Font size.

SuggestedRemedy

In editor's or editorial note as appropriate, at the beginning of the document, explain. Here, and next page, change to 9 point.

Proposed Response Response Status W

PROPOSED ACCEPT.

The "Dark Blue" text indicates cross-references outside of this document and need to be replaced with real cross-references by the .3am editor.

Font was changed to 9 point

CI 45 SC 45.2 P23 L20 # 177

Spagna, Fulvio INTEL

Comment Type E Comment Status D

Remove underlining

SuggestedRemedy

Proposed Response Response Status W

PROPOSED REJECT.

This is new text and needs to be underlined as per the editors instructions.

CI 45 SC 45.2 P26 L18 # 178

Spagna, Fulvio INTEL

Comment Type E Comment Status D

Inconsistent format.

SuggestedRemedy

Remove underlining in description field of Bit 1.1.3

Proposed Response Response Status W

PROPOSED REJECT.

Changed text needs to be underlined.

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CI 45 SC 45.2 P27 L11 # 179
 Spagna, Fulvio INTEL

Comment Type E Comment Status D
 Inconsistent format.

SuggestedRemedy
 Remove underlining for fields associated with Bit 1.4.3

Proposed Response Response Status W
 PROPOSED REJECT.

Changed text needs to be underlined.

CI 45 SC 45.2.1 P24 L18 # 463
 Dawe, Piers Agilent

Comment Type E Comment Status D e
 Please show all the strikeouts to the base document.

SuggestedRemedy
 Include '1.32 768', in black strikeout.

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.1 P25 L10 # 775
 David V James JGG

Comment Type ER Comment Status D e
 DVJ-15
 Nonstandard table line widths

SuggestedRemedy
 ==> very thin in center
 ==> thin on edges

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.1 P25 L29 # 464
 Dawe, Piers Agilent

Comment Type E Comment Status D e
 Please show what you are doing to the base document

SuggestedRemedy
 For 1.0.5:2 Speed selection, de-underline some material, include stricken material.

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.1.4 P25 L51 # 26
 Muller, Shimon Muller Sun Microsystems, Inc

Comment Type E Comment Status D e
 See below

SuggestedRemedy
 Replace "ports type" with "port types".

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.1.4 P25 L51 # 465
 Dawe, Piers Agilent

Comment Type E Comment Status D e
 ports type

SuggestedRemedy
 port types

Proposed Response Response Status W
 PROPOSED ACCEPT.

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CI 45 SC 45.2.1.10 P29 L 10 # 632
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-21
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.10 P29 L 22 # 276
 McClellan, Brett Solarflare
 Comment Type E Comment Status D
 Missing text description of 1.11.3 and 1.11.4.
 For completeness and consistency in style add a text description for 1.11.4 and 1.11.3.
 See P802.3an D2.2 for reference.
 SuggestedRemedy
 add text as indicated
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.2 P26 L 13 # 778
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-18
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.2.2 P2526 L 36 # 466
 Dawe, Piers Agilent
 Comment Type E Comment Status X open
 1.159
 SuggestedRemedy
 1.155, apparently. Also PICS item MM20a
 Proposed Response Response Status O

CI 45 SC 45.2.1.2.2 P26 L 36 # 623
 Ganga, Ilango Intel
 Comment Type ER Comment Status D e
 Incorrect reference to register numbers. The correct reference should be ""registers 1.150 through 1.155 shall be used for configuration""
 SuggestedRemedy
 Change line 36 to read as, ""registers 1.150 through 1.155 shall be used for configuration and status of Backplane Ethernet port types""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.4 P27 L 10 # 630
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-19
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

Cl 45 SC 45.2.1.6.1 P27 L31 # 467
 Dawe, Piers Agilent
 Comment Type E Comment Status X open
 Contradiction: is it 'Insert the following subclause before subclause 45.2.1.6.1. Renumbr appropriately' or 'Change the first paragraph in subclause 45.2.1.6.1 to read as follows:'?
 SuggestedRemedy
 Sort out. Is there something missing?
 Proposed Response Response Status O

Cl 45 SC 45.2.1.6.1 P28 L08 # 631
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-20
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.1.6.1 P28 L12 # 584
 Booth, Brad Intel
 Comment Type E Comment Status D e
 In Table 45-7, entry for 10GBASE-T states PMA/PMD type, but there is only a PMA type.
 SuggestedRemedy
 Change entry to read: 1 0 0 1 = 10GBASE-T PMA type
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.1.6.1 P28 L13 # 48
 Claseman, George Micrel Semiconductor
 Comment Type E Comment Status D
 In table 45-7, PMA / PMD type selection 1001 should be reserved (not yet approved, and not in 802.3am).
 SuggestedRemedy
 See above.
 Proposed Response Response Status W
 PROPOSED REJECT.

Cl 45 SC 45.2.1.6.1 P28 L14 # 49
 Claseman, George Micrel Semiconductor
 Comment Type E Comment Status D
 In table 45-7, PMA / PMD type selection 1000 should be reserved (not yet approved, and not in 802.3am).
 SuggestedRemedy
 See above.
 Proposed Response Response Status W
 PROPOSED REJECT.

Cl 45 SC 45.2.1.7.4 P28 L28 # 275
 McClellan, Brett Solarflare
 Comment Type E Comment Status X open
 ""Change the last 4 sentences of the first paragraph of subclause 45.2.1.7.4 to read as follows:""
 This change applies to P802.3REVam prior to ammendments by P802.3an.
 P802.3an adds a sentence to this text.
 This comment also applies to 45.2.1.7.5.
 SuggestedRemedy
 change editor's note to prevent replacement of text added by P802.3an
 Proposed Response Response Status O

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Cl 45 SC 45.2.1.7.4 P28 L30 # 468
 Dawe, Piers Agilent
 Comment Type E Comment Status D e
 Much of the text in this and the next subclause is not changed.
 SuggestedRemedy
 Use plain text and strikethrough as well as underlining.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.1.7.4 P28 L32 # 625
 Ganga, Ilango Intel
 Comment Type ER Comment Status D e
 Reference to Transmit Fault function for 1000BASE-KX is missing from the section 45.2.1.7.4 Transmit fault. Insert the following sentence before the description for KX4 PMD. The description of the transmit fault function for the 1000BASE-KX is given in 70.5.8
 SuggestedRemedy
 Insert the following sentence before the description for KX4 PMD. The description of the transmit fault function for the 1000BASE-KX is given in 70.5.8
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.1.7.5 P28 L43 # 624
 Ganga, Ilango Intel
 Comment Type ER Comment Status D e
 Reference to Receive Fault function for 1000BASE-KX is missing from section 45.2.1.7.5. Insert the following sentence before the description for KX4 PMD.
 SuggestedRemedy
 Insert the following sentence before the description for KX4 PMD. The description of the receive fault function for the 1000BASE-KX is given in 70.5.9
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.1.75 P29 L36 # 633
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-22
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.1.75 P29 L47 # 626
 Ganga, Ilango Intel
 Comment Type ER Comment Status D e
 Cross references variables in section 72.5.10.3.x has links missing in pdf file This is true for all the cross references to clause 72 from pages 29 through 34 in clause 45.2.1.75.x
 SuggestedRemedy
 Fix the cross reference links in pdf file. All references to clause 72 in pages 29 through 34 in clause 45.2.1.75.x
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.1.76 P30 L10 # 634
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-23
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 45 SC 45.2.1.76 P30 L12 # 469
 Dawe, Piers Agilent
 Comment Type E Comment Status D e
 in-progress
 SuggestedRemedy
 in progress
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.76 P30 L19 # 180
 Spagna, Fulvio INTEL
 Comment Type E Comment Status D e
 SC is not used in this table.
 SuggestedRemedy
 Remove SC text.
 Proposed Response Response Status W
 PROPOSED ACCEPT.
 Text replaced with: "RO = Read Only"

CI 45 SC 45.2.1.76 P30 L37 # 470
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 These two sentences are hard to decode, partly because they are very similar yet neither relates clearly to the title of the subclause:
 'The 10GBASE-KR coefficient update registers reflect the contents of the first 16-bit word of the training frame control channel. The LP coefficient update register mirrors the contents of the most recently received training frame.'
 SuggestedRemedy
 Change to:
 'The 10GBASE-KR LP coefficient update register reflects the contents of the first 16-bit word of the most recently received training frame.' [or, ...the training frame most recently received from the control channel.] Similarly in following subclauses.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.77.3 P31 L05 # 277
 McClellan, Brett Solarflare
 Comment Type E Comment Status D
 Missing text description of bits in register 1.152.
 For completeness and consistency in style add a text description for the bits in register 1.152.
 SuggestedRemedy
 add text as indicated
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

CI 45 SC 45.2.1.77.3 P31 L10 # 635
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-24
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.77.3 P31 L10 # 585
 Booth, Brad Intel
 Comment Type E Comment Status D e
 In Table 45-55, the bit numbering in the Description column should be underlined.
 SuggestedRemedy
 Underline 15 and 14 in the first row, 5 and 4 in the 4th row, 3 and 2 in the 5th row, and 1 and 0 in the last row.
 Same type of edit applies to Tables 45-56, 45-57, and 45-58.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 45 SC 45.2.1.77.3 P31 L33 # 181
 Spagna, Fulvio INTEL
 Comment Type E Comment Status D e
 SC bits are not used in this table
 SuggestedRemedy
 Remove SC related text.
 Proposed Response Response Status W
 PROPOSED ACCEPT.
 Text replaced with: "RO = Read Only"

CI 45 SC 45.2.1.77.3 P32 L29 # 182
 Spagna, Fulvio INTEL
 Comment Type E Comment Status D e
 SC registers are not used in this table.
 SuggestedRemedy
 Remove SC related text.
 Proposed Response Response Status W
 PROPOSED ACCEPT.
 Text replaced with: "RO = Read Only"

CI 45 SC 45.2.1.78 P32 L08 # 636
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-25
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.79 P32 L47 # 183
 Spagna, Fulvio INTEL
 Comment Type E Comment Status D
 Add reference to control channel definition.
 SuggestedRemedy
 Change first sentence to read: ""The 10GBASE-KR coefficient update registers reflect the content of the first 16-bit word of the training frame control channel as defined in 75.5.10.2""
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Do not have text for 75.5.10.2

CI 45 SC 45.2.1.79.3 P33 L22 # 637
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-26
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.79.3 P33 L41 # 184
 Spagna, Fulvio INTEL
 Comment Type E Comment Status D e
 SC type registers are not used in this table.
 SuggestedRemedy
 Remove SC related text.
 Proposed Response Response Status W
 PROPOSED ACCEPT.
 Text replaced with: "RO = Read Only"

IEEE P802.3xx draft Y.Z Comments

CI 45 SC 45.2.1.80 P33 L46 # 185
 Spagna, Fulvio INTEL

Comment Type E Comment Status D
 Add reference to control channel definition.

SuggestedRemedy

Change first sentence to read: ""The 10GBASE-KR status report registers reflect the content of the second 16-bit word of the training frame control channel as defined in 75.5.10.2""

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Do not have text for 75.5.10.2

CI 45 SC 45.2.1.80 P33 L48 # 471
 Dawe, Piers Agilent

Comment Type E Comment Status D e
 the contents of the current outgoing training frame, as training state machine defined in Figure 72-4.

SuggestedRemedy
 means?

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Change to: "the contents of the current outgoing training frame, as defined in the training state machine in Figure 72-4."

CI 45 SC 45.2.1.80 P34 L09 # 638
 David V James JGG

Comment Type ER Comment Status D e
 DVJ-27
 Nonstandard table line widths

SuggestedRemedy

==> very thin in center
 ==> thin on edges of header and body

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.1.80 P34 L29 # 186
 Spagna, Fulvio INTEL

Comment Type E Comment Status D e
 SC type registers are not used in this table.

SuggestedRemedy

Remove SC related text.

Proposed Response Response Status W
 PROPOSED ACCEPT.

Text replaced with: "RO = Read Only"

CI 45 SC 45.2.7 P34 L47 # 281
 McClellan, Brett Solarflare

Comment Type ER Comment Status D
 Both P802.3an and P802.3ap are adding this new AN Registers subclause into Clause 45, however they are out of sync, use different text descriptions, and both intend to use the same registers for different purposes. Most notably see registers 7.16, 7.19.

SuggestedRemedy

Synchronize with P802.3an and use common naming and text descriptions. Either use different registers for bits already defined, or explain the dual use of register bits in 7.16 and 7.19.

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

This document will be rewritten after .3an is stable, and before sponsor ballot, as an amendment to .3an.

CI 45 SC 45.2.7 P34 L51 # 587
 Booth, Brad Intel

Comment Type E Comment Status D e
 Missing period at end of sentence.

SuggestedRemedy

As per comment.

Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

Cl 45 SC 45.2.7 P34 L51 # 472
 Dawe, Piers Agilent
 Comment Type E Comment Status D e
 for AN MMD are ... 117
 SuggestedRemedy
 for the AN MMD is ... 117.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.7.1.3 P37 L08 # 779
 Beck, Michael Alcatel Bell n.v.
 Comment Type E Comment Status D e
 typo: self-cleaning
 SuggestedRemedy
 change to: self-clearing
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.7 P35 L08 # 639
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-28
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.7.1.3 P37 L08 # 482
 Dawe, Piers Agilent
 Comment Type E Comment Status X open
 In clause 45, we don't say 'logic one', 'logic zero', just 'one', 'zero'.
 SuggestedRemedy
 Delete 'logic' or 'a logic'. Scrub the clause.
 Proposed Response Response Status O

Cl 45 SC 45.2.7.1 P36 L12 # 640
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-29
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.7.1.3 P37 L08 # 479
 Dawe, Piers Agilent
 Comment Type E Comment Status D e
 self-cleaning
 SuggestedRemedy
 self-clearing
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.7.100 P43 L06 # 598
 Booth, Brad Intel
 Comment Type ER Comment Status X open
 In table 45-200, the heading for the right-hand column should be ""R/W"" not ""RO"".
 SuggestedRemedy
 Change ""RO"" to be ""R/W"".
 Proposed Response Response Status O

IEEE P802.3xx draft Y.Z Comments

CI 45 SC 45.2.7.100 P43 L08 # 648
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-37
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.7.100 P43 L24 # 436
 Kim, Yong Broadcom
 Comment Type E Comment Status X open
 It would be friendly to define the relationship between 7.48.0 and 7.48.1~3 in default value context. What is the meaning of bits 1~3, if 7.48.0 value is 0?
 SuggestedRemedy
 Add text in 45.2.7.100.1 to say that if 7.48.0 value is 0, then bits 1~3 defaults to 0 and ignored upon read by mgmt.
 Proposed Response Response Status O

CI 45 SC 45.2.7.100.1 P43 L23 # 495
 Dawe, Piers Agilent
 Comment Type E Comment Status D caps
 Capitals, order of words
 SuggestedRemedy
 Port type negotiated. Or better, Negotiated port type.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 45 SC 45.2.7.100.1 P43 L25 # 496
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 Grammar, spell out small integers
 SuggestedRemedy
 When the AN process ... Only one of the three is ...
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.7.12 P36 L42 # 187
 Spagna, Fulvio INTEL
 Comment Type E Comment Status D e
 Add references to PMA/PMD control registers.
 SuggestedRemedy
 Change second sentence in paragraph to read: ""If bit 7.0.12 is set to a one, then speed selection bits 1.0.13, 1.0.6, and 1.0.5:2 in PMA/PMD control 1 register (Table 45-7) and PMA/PMD type selection bits 1.7.3:0 in PMA/PMD control 2 register (Table 45-4) shall have no effect on the link configuration, and station operation other than that specified by the AN protocol.""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.7.2 P37 L16 # 480
 Dawe, Piers Agilent
 Comment Type E Comment Status D caps
 Capitals
 SuggestedRemedy
 AN status, next page able, new page, Parallel detection fault, the parallel detection, Page received, Link status
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 45 SC 45.2.7.2 P37 L22 # 596
Booth, Brad Intel

Comment Type ER Comment Status D e
In table 45-119, the heading for the right-hand column should be ""R/W"" not ""RO"".

SuggestedRemedy
Change ""RO"" to be ""R/W"". Add the following text to footnote 1: LH = Latching High, SC = Self-Clearing, LL = Latching Low

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 45 SC 45.2.7.2 P37 L24 # 642
David V James JGG

Comment Type ER Comment Status D e
DVJ-31
Nonstandard table line widths

SuggestedRemedy
==> very thin in center
==> thin on edges of header and body

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 45 SC 45.2.7.2 P37 L26 # 481
Dawe, Piers Agilent

Comment Type E Comment Status D Caps
Names for ability bits (like AN ability)

SuggestedRemedy
LD next page ability, LP next page ability, LP AN ability. May be associated changes in clause 73.

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 45 SC 45.2.7.2 P37 L35 # 150
Spagna, Fulvio INTEL

Comment Type E Comment Status D e
Correct formatting in register type column.

SuggestedRemedy

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 45 SC 45.2.7.2 P37 L53 # 149
Spagna, Fulvio INTEL

Comment Type ER Comment Status D e
Definitions for SC, LH and LL register types are missing.

SuggestedRemedy
Add:
SC = Self Clearing
LH = Latched High
LL = Latched Low

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 45 SC 45.2.7.2.5 P38 L26 # 151
Spagna, Fulvio INTEL

Comment Type ER Comment Status D e
Paragraph titling is not consistent with other paragraph related to Register 7.1

SuggestedRemedy
Change title from ""Auto-Negotiation complete"" to ""AN complete""

Proposed Response Response Status W
PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 45 SC 45.2.7.2.7 P38 L43 # 152
 Spagna, Fulvio INTEL

Comment Type ER Comment Status D e
 Paragraph titling is not consistent with other paragraph related to Register 7.1

SuggestedRemedy
 Change title from ""Auto-Negotiation ability"" to ""AN ability""

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.7.3 P38 L26 # 153
 Spagna, Fulvio INTEL

Comment Type ER Comment Status D
 Notation consistency problems in Table 45-120

SuggestedRemedy
 Change following from:

7.16.12	C2	See 73.6	R/W
7.16.11:10	Pause	C1:C0 See 73.6.5	R/W
7.16.9:5	E4:E0	See 73.6.2	R/W

to:

7.16.12	Reserved	C[2]See 73.6	R/W
7.16.11:10	Pause	C[1:0] See 73.6.5	R/W
7.16.9:5	Echoed Nonce Field	E[4:0] See 73.6.2	R/W

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.7.3 P39 L10 # 486
 Dawe, Piers Agilent

Comment Type E Comment Status D Caps
 Capitals

SuggestedRemedy
 AN advertisement registers. Also acknowledge, line 48, advertised ability on next page.
 Further on, Unformatted code field, next page link code word...

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 45 SC 45.2.7.3 P39 L12 # 28
 Marris, Arthur

Comment Type E Comment Status X open
 What does ""register(s)"" mean?

SuggestedRemedy
 Consider changing ""registers(s)"" to ""registers"" on lines 12 and 36 and also on lines 9, 22 and 50 on page 40.

Proposed Response Response Status O

CI 45 SC 45.2.7.3 P39 L17 # 643
 David V James JGG

Comment Type ER Comment Status D e
 DVJ-32
 Nonstandard table line widths

SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.7.3 P39 L40 # 154
 Spagna, Fulvio INTEL

Comment Type E Comment Status X open
 Sentence need to be rephrased as it is not clear.

SuggestedRemedy
 I wish I knew. I do not understand what is being said.

Proposed Response Response Status O

IEEE P802.3xx draft Y.Z Comments

CI 45 SC 45.2.7.4 P40 L14 # 156
 Spagna, Fulvio INTEL
 Comment Type ER Comment Status D e
 Text indicates that all AN LP bits are read only. Table 45-121 indicates that bits 7.20.4:0 are R/W.
 SuggestedRemedy
 Enforce consistency.
 Note: If 7.20.4:0 is of type R/W the table needs to be amended to show what R/W means.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.7.4 P40 L24 # 597
 Booth, Brad Intel
 Comment Type ER Comment Status D e
 In table 45-121, the heading for the right-hand column should be ""R/W"" not ""RO"".
 SuggestedRemedy
 Change ""RO"" to be ""R/W"". Add the following text to footnote 1: R/W = Read/Write
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.7.4 P40 L26 # 645
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-34
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.7.4 P40 L35 # 155
 Spagna, Fulvio INTEL
 Comment Type ER Comment Status D
 Notation consistency problems in Table 45-121
 SuggestedRemedy
 Change following from:
 7.19.12 C2 See 73.6 R/W
 7.19.11:10 Pause C1:C0 See 73.6.5 R/W
 7.19.9:5 E4:E0 See 73.6.2 R/W
 to:
 7.19.12 Reserved C[2]See 73.6 R/W
 7.19.11:10 Pause C[1:0] See 73.6.5 R/W
 7.19.9:5 Echoed Nonce Field E[4:0] See 73.6.2 R/W
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.7.5 P40 L47 # 490
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 Consistency with 802.3an. Compare P802.3an/D2.2 45.2.7.8. This references 73.7.7.1, that references 28.2.3.4. Other differences.
 SuggestedRemedy
 Coordinate with .3an, compare the two Cl.45 AN sections. Use phrases like 'of the BP Ethernet PHY' sparingly; just say 'of the PHY' or 'of the local device'.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC 45.2.7.5 P41 L09 # 646
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-35
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

Cl 45 SC 45.2.7.5 P41 L21 # 158
 Spagna, Fulvio INTEL
 Comment Type E Comment Status D e
 All bits in the table are defined as R/W.
 SuggestedRemedy
 Remove RO definition.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.5 P43 L37 # 599
 Booth, Brad Intel
 Comment Type ER Comment Status D e
 PICS should start at the top of a new page.
 SuggestedRemedy
 As per comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.7.6 P42 L09 # 647
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-36
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.5 P43 L37 # 497
 Dawe, Piers Agilent
 Comment Type E Comment Status D e
 PICS always start a new page, need copyright release footnote.
 SuggestedRemedy
 Per comment, for three or four clauses.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.2.7.6 P42 L21 # 160
 Spagna, Fulvio INTEL
 Comment Type E Comment Status D e
 All bits in the table are defined as R/W.
 SuggestedRemedy
 Remove RO definition.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 45 SC 45.5.3.3 P45 L32 # 621
 Ganga, Ilango Intel
 Comment Type E Comment Status D e
 Only registers 1.150 through 1.155 are defined for BP. Change line to read as ""Extensions for Backplane Ethernet at 1.150 through 1.155""
 SuggestedRemedy
 Change line to read as ""Extensions for Backplane Ethernet at 1.150 through 1.155""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 45 SC 45.5.3.5 P46 L01 # 282
 McClellan, Brett Solarflare

Comment Type ER Comment Status D
 The PICS are inconsistent with P802.3an.

SuggestedRemedy
 Synchronize with P802.3an and use consistent PIC numbering and naming.

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

This document will be rewritten after .3an is stable, and before sponsor ballot, as an amendment to .3an.

CI 45 SC Table 45-11 P29 L16 # 291
 Zimmerman, George Solarflare Communicat

Comment Type E Comment Status D e
 1.11.2 is reserved here and 10GBASE-T ability in 802.3an

SuggestedRemedy
 align drafts - be consistent - in many other places the concurrent draft changes are called out. Add an editor's note so that these bits don't get re-mapped to reserved should this amendment follow the 802.3an amendment (I suspect similar treatment is deserved 802.3aq).

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 To avoid conflict with other TFs removed the last two rows in table and changed the editors note.

CI 45 SC Table 45-12 P29 L16 # 313
 Baumer, Howard Broadcom

Comment Type E Comment Status D
 Why are bits 1 & 2 reserved? These should be continuously filled.

SuggestedRemedy
 Move .4 & .3 down to start at .1 & .2 unless taken by another TF. If taken by another task force then so state

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

See #291

CI 45 SC Table 45-5 P26 L08 # 290
 Zimmerman, George Solarflare Communicat

Comment Type E Comment Status D e
 Table is incorrectly labeled as 45-1. (yeah, I know it's small)

SuggestedRemedy
 Correct labeling of table to whatever is correct in rev am I think it should be 45-5.

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 45 SC Table 45-7 P28 L13 # 292
 Zimmerman, George Solarflare Communicat

Comment Type E Comment Status D e
 10GBASE-T only has a PMA type

SuggestedRemedy
 Change 10GBASE-T PMA/PMD type to 10GBASE-T PMA type, per 802.3an D2.2

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.1.1 P49 L10 # 498
 Dawe, Piers Agilent

Comment Type E Comment Status D e
 Does either the chassis or the backplane need to be modular to for backplane Ethernet?

SuggestedRemedy
 Delete 'modular'?

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.1.1 P49 L16 # 29
 Marris, Arthur

Comment Type E Comment Status D e
 Change ""included"" to ""include""

SuggestedRemedy
 Change ""included"" to ""include""

Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 69 SC 69.1.1 P49 L23 # 499
 Dawe, Piers Agilent
 Comment Type E Comment Status D e
 supported?
 SuggestedRemedy
 used
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.1.2 P49 L33 # 308
 Seemann, Brian Xilinx
 Comment Type E Comment Status X open
 This sentence uses the words ""meeting the requirements of 69.3"", but 69.3 is informative.
 d) Support operation over links consistent with differential, controlled impedance traces on a printed circuit board with 2 connectors and total length up to at least 1m meeting the requirements of 69.3.
 SuggestedRemedy
 ""...and total length up to at least 1m consistent with the guidelines of 69.3.""
 Proposed Response Response Status O

CI 69 SC 69.1.2 P49 L33 # 500
 Dawe, Piers Agilent
 Comment Type E Comment Status D e
 1m. In 71.1, 50cm (not SI) and 1m. Later, 1Gb/s
 SuggestedRemedy
 1 space m, 0.5 space m , and so on.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.1.2 P49 L37 # 611
 Diab, Wael Cisco
 Comment Type ER Comment Status D
 The objective states that the BER should be 10e-12 or better. Are the BER for the various interfaces all the same? Could a better BER be reached for the higher speed interfaces?
 SuggestedRemedy
 Please state the BER requirements for each interface separately
 Proposed Response Response Status W
 PROPOSED REJECT.

The objectives states a BER of better or equal to 10e-12 over all backplanes.

CI 69 SC 69.1.3 P50 L18 # 411
 Barrass, Hugh Cisco Systems
 Comment Type E Comment Status D e
 The BP Clause numbers are not shown in the diagram. Thus the diagram fails to show the architectural position of BPE"" as promised.
 SuggestedRemedy
 Add the Clause numbers to the reflect BP Clauses.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.1.3 P50 L19 # 588
 Booth, Brad Intel
 Comment Type E Comment Status D e
 In Figure 69-1, the PHY bracket on the right should also encompass the PCS blocks.
 SuggestedRemedy
 Increase the size of the bracket.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 69 SC 69.2 P49 L33 # 161
 Spagna, Fulvio INTEL
 Comment Type ER Comment Status X open
 Text indicates that link is meeting requirements of 69.3 which is informative.
 SuggestedRemedy
 Remove ""meeting the requirements of 69.3""
 Proposed Response Response Status O

CI 69 SC 69.2.3 P51 L38 # 278
 McClellan, Brett Solarflare
 Comment Type E Comment Status D e
 Clause 70 specifies the 1000BASE-KX PMD, not PMD/PCS/PMA.
 SuggestedRemedy
 Change table entry from ""1000BASE-KX PMD/PCS/PMA""
 to: ""1000BASE-KX PMD""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.2.3 P51 L16 # 6
 Daines, Kevin
 Comment Type E Comment Status D e
 ""1Gb/s"" should be ""1 Gb/s"" to be consistent with the base standard.
 SuggestedRemedy
 Per comment
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.2.3 P51 L47 # 255
 Tom Palkert Xilinx
 Comment Type E Comment Status D e
 Typo: '1000ASE-KX' should be '1000BASE-KX' in first entry in Nomenclature column
 SuggestedRemedy
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.2.3 P51 L21 # 7
 Daines, Kevin
 Comment Type E Comment Status D e
 ""10Gb/s"" should be ""10 Gb/s""
 also on line 26 in next paragraph
 SuggestedRemedy
 See comment
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.2.3 P51 L48 # 651
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-40
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 69 SC 69.2.4 P52 L08 # 207
 Grow, Robert Intel

Comment Type E Comment Status D e

The second sentence is a lame rationalization for why AN is the way it is in Backplane. Reuse of silicon design modules is easily as important as what you interconnect depending on who the user of the standard is.

SuggestedRemedy

Delete the introductory phrase ""Since connection of ... ,"".

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Deleted only first half of sentence: "Since the connection of twisted-pair and backplane physical layer signaling systems is not expected,"

CI 69 SC 69.2.5 P52 L19 # 208
 Grow, Robert Intel

Comment Type E Comment Status D e

SCC 14 will comment about this looking like an equation.

SuggestedRemedy

10 Mb/s, 100 Mb/s, 1000 Mb/s and 10 Gb/s...

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 69 SC 69.3 P52 L22 # 209
 Grow, Robert Intel

Comment Type ER Comment Status X open

Though previous clauses have included informative subclauses, the practice is now deprecated and such inclusion requires publication editor approval (2005 Style Manual, 10.1, 1).

SuggestedRemedy

I see three options:

1. Move this informative information to an informative annex.
2. Get IEEE publication editor approval for leaving it as is.
3. Rewrite it as tutorial background for the normative text that includes the ""shall""s.

Proposed Response Response Status O

CI 69 SC 69.3.1 P52 L26 # 580
 Ghiasi, Ali Broadcom

Comment Type ER Comment Status X open

Backplane ethernet links are primarily intended as point-point interfaces of up to 1 m using differential

SuggestedRemedy

Backplane Ethernet link operates in point to point fashions over 1 m of improved FR4 with two connectors.

Proposed Response Response Status O

CI 69 SC 69.3.1 P52 L27 # 437
 Kim, Yong Broadcom

Comment Type E Comment Status D need text

It is not clear whether the objective is 1 m over low-cost PCB, or whether any PCB traces (media) length that conforms to TX and RX spec meets 802.3ap requirements. The text could be read either way (my interpretation is the latter). Also the last sentence ""The performance... specific implementation"" does not add substance to the clause.

SuggestedRemedy

Please clarify what requirement needs to be met for conformance.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Need text

IEEE P802.3xx draft Y.Z Comments

CI 69 SC 69.3.1.1 P52 L33 # 210
 Grow, Robert Intel

Comment Type ER Comment Status D

The term ""this section"" is ambiguous. Does it mean 69.3 or only 69.3.1.1 or what.

SuggestedRemedy

Clarify.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Change:

"For purposes of this section, the backplane interconnect is defined between test points TP1 and TP4 as shown in Figure 69-2."

to and move into 69.3.1 Overview:

"The purposes of this section 69.3 is to define the backplane interconnect between test points TP1 and TP4 as shown in Figure 69-2."

CI 69 SC 69.3.1.1 P53 L01 # 135
 John, D'Ambrosia

Comment Type E Comment Status X open

Fig 69-2 inconsistent with Fig 70-1

SuggestedRemedy

replace 69-2 with 70-1

Proposed Response Response Status O

CI 69 SC 69.3.1.1 P53 L08 # 61
 van Doorn, Schelto

Comment Type E Comment Status D e

Redraw Figures in native Frame:

P53 fig69-3

P70 fig70-1

P87 fig71-1

P107 fig 72-1

SuggestedRemedy

As mentioned above

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 69 SC 69.3.1.1 P53 L12 # 652
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-41

Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy

Mated Connecto

==>

Mated connecto

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 69 SC 69.3.1.1 P53 L15 # 653
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-42

Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy

Backplane Channel

==>

Backplane channel

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 69 SC 69.3.2 P53 L21 # 212
 Grow, Robert Intel

Comment Type E Comment Status D

Use the correct symbol

SuggestedRemedy

Replace with the Symbol font single character for +/-.

Proposed Response Response Status W

PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 69 SC 69.3.3.1 P54 L06 # 506
 Dawe, Piers Agilent
 Comment Type E Comment Status D e
 Table wastes space
 SuggestedRemedy
 Redo the 'shrink to fit'.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.3.3.1 P54 L06 # 507
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 Variables and coefficients should be in italics, not just in equations.
 SuggestedRemedy
 Put them in italics: fmin b1 ILmax A(f), more
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.3.3.1 P54 L20 # 66
 Alping, Arne
 Comment Type E Comment Status D e
 Unit dB is missing for all insertion loss parameters in Table 69-2
 SuggestedRemedy
 Insert dB in the units column (from line 20 and down)
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.3.3.2 P54 L44 # 319
 Baumer, Howard Broadcom
 Comment Type E Comment Status D e
 Missing "the"
 SuggestedRemedy
 Change "à is defined to be least mean ..." to "à is defined to be the least mean ..."
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69 SC 69.3.3.2 P54 L45 # 508
 Dawe, Piers Agilent
 Comment Type E Comment Status D need text
 To make the algorithm give a unique answer, need to say how the measurement frequencies are disposed.
 SuggestedRemedy
 Evenly in frequency, logarithmically, what?
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

CI 69 SC 69.3.3.2 P55 L13 # 67
 Alping, Arne
 Comment Type ER Comment Status D e
 Now using Attenuation with a positive sign ""greater"" has to be changed to ""smaller""
 SuggestedRemedy
 Change ""... attenuation of the channel be greater than ..."" to ""... attenuation of the channel be smaller than ...""
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Changed to: ""... attenuation of the channel be less than ...""
 CI 69 SC 69.3.3.2 P55 L13 # 101
 Moore, Charles
 Comment Type E Comment Status D e
 text says: ""it is recommended that attenuation of the channel be greater than the worst-case attenuation limit described by the equation:""
 While the equation has a less than or equal sign. The intent was less than.
 SuggestedRemedy
 change test to read:
 ""it is recommended that attenuation of the channel be less than the worst-case attenuation limit described by the equation:""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 69 SC 69.3.3.2 P55 L13 # 295
 Abler, Joe IBM

Comment Type E Comment Status D e

the use of ""greater than"" is in context with the real value of loss considering the attenuation will be a negative value. This will be confusing to some if the usage isn't consistent throughout the document. The first inconsistency is with the the IL figures (69-3, 69-4, and 69-5), which show absolute values for loss, which is going to cause confusion in reference to the ""greater than"" statement.

SuggestedRemedy

Indicate IL dB values on Figures 69-3, 69-4, and 69-5 as negative numbers. An alternative could be to change line 13 phrasing of ""be greater than"" to ""not exceed"". A similar change would be needed for line 29.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Changed to "less than"

CI 69 SC 69.3.3.2 P55 L21 # 320
 Baumer, Howard Broadcom

Comment Type E Comment Status D e

Missing "in"

SuggestedRemedy

Change "à limit defined 69.3.3.4, ..." to "à limit defined in 69.3.3.4, ..."

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 69 SC 69.3.3.2. P54 L08 # 654
 David V James JGG

Comment Type ER Comment Status D e

DVJ-43
 Nonstandard table line widths

SuggestedRemedy

==> very thin in center
 ==> thin on edges of header and body

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 69 SC 69.3.3.3 P55 L28 # 102
 Moore, Charles

Comment Type E Comment Status D e

Test reads: The insertion loss is defined as the magnitude, expressed in decibels, of the differential response measured from TP1 to TP4. It is recommended that the insertion loss magnitude, IL(f), be greater than the lower limit defined by Equation (69-7) and Equation (69-8).

While the equations show less than or equal signs. The intent was less than.

SuggestedRemedy

Change text to read:

The insertion loss is defined as the magnitude, expressed in decibels, of the differential response measured from TP1 to TP4. It is recommended that the insertion loss magnitude, IL(f), be less than the lower limit defined by Equation (69-7) and Equation (69-8).

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 69 SC 69.3.3.3 P55 L29 # 68
 Alping, Arne

Comment Type ER Comment Status D

The Insertion loss should be smaller, not greater, than the limit specified in Eq (69-7) and Eq (69-8)

SuggestedRemedy

Change ""... be greater than the lower limit defined by ..."" to ""... be smaller than the limit defined by ...""

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Changed to: ""... be less than the limit defined by ...""

IEEE P802.3xx draft Y.Z Comments

Cl 69 SC 69.3.3.3 P55 L29 # 309
Seemann, Brian Xilinx

Comment Type E Comment Status D e

Says: "...the insertion loss magnitude, IL(f), be greater than the lower limit defined by Equation (69-7) and Equation (69-8)."

But Eq. 69-7 and 69-8 indicate less than.

SuggestedRemedy

"...the insertion loss magnitude, IL(f), be less than the lower limit defined by Equation (69-7) and Equation (69-8)."

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Changed to:

"The insertion loss is defined as the magnitude, expressed in decibels, of the differential response measured from TP1 to TP4. It is recommended that the insertion loss magnitude, IL(f), be less than the lower limit defined by Equation (69-7) and Equation (69-8)."

Cl 69 SC 69.3.3.3 P55 L41 # 69
Alping, Arne

Comment Type ER Comment Status D e

Wrong word: "are" should be "and"

SuggestedRemedy

Change "... f2, are fmax are ..." to "... f2, and fmax are ..."

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC 69.3.3.3 P55 L53 # 127
John, D'Ambrosia

Comment Type E Comment Status D e

Add the following verbiage

SuggestedRemedy

The values of f1 and f2 are dependent on port type and are given in Table 69-2.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC 69.3.3.3 P56 L01 # 321
Baumer, Howard Broadcom

Comment Type E Comment Status D e

Missing "in"

SuggestedRemedy

Change "à limit defined 69.3.3.4, ..." to "à limit defined in 69.3.3.4, ..."

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC 69.3.3.5 P58 L24 # 130
John, D'Ambrosia

Comment Type ER Comment Status D e

Development of the ICR in the Task Force considered conditions where victim and aggressor are like PHYs with similar equalization needs, but this is not stated.

SuggestedRemedy

Add the following verbiage -

"The following equations and informative model assume that the aggressors and victim are being driven by similar PHYs."

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC 69.3.3.5 P58 L27 # 92
Healey, Adam

Comment Type E Comment Status D e

First sentence reads, "In order to limit the crosstalk at the receiver...". This is potentially ambiguous and really should be "at TP4" to be consistent with reference model defined earlier.

SuggestedRemedy

Change occurrence of "at the receiver" in 69.3.3.5 to "at TP4". Note occurrences in 69.3.3.5.1, 69.3.3.5.2, 69.3.3.5.3, and 69.3.3.5.4.

Proposed Response Response Status W

PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 69 SC 69.3.3.5.1 P58 L 30 # 91

Healey, Adam

Comment Type E Comment Status D e

The equations for TNEXT(f) and TFEXT(f) are identical to the power-sum NEXT (PSNEXT) and power-sum FEXT (PSFEXT) parameters defined in other clauses. IEEE P802.3ap has invented a new term to define a commonly used parameter and there is no obvious advantage to this new nomenclature.

SuggestedRemedy

Change TNEXT(f) to PSNEXT(f) and TFEXT(f) to PSFEXT(f). Note occurrences in 69.3.3.5.1, 69.2.2.5.2, and 69.2.2.5.3.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 69 SC 69.3.3.5.1 P58 L 31 # 655

David V James

JGG

Comment Type ER Comment Status D caps

DVJ-44
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Differential Near-End Crosstalk
==>
differential near-end crosstalk

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 69 SC 69.3.3.5.2 P58 L 40 # 656

David V James

JGG

Comment Type ER Comment Status D caps

DVJ-45
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Differential Far-End Crosstalk
==>
differential far-end crosstalk

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 69 SC 69.3.3.5.3 P59 L 02 # 657

David V James

JGG

Comment Type ER Comment Status D caps

DVJ-46
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Total Differential Crosstalk
==>
Total differential crosstalk

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

Cl 69 SC 69.3.3.5.4 P59 L12 # 658
David V James JGG

Comment Type ER Comment Status D caps

DVJ-47
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Insertion Loss to Crosstalk Ratio (ICR)

==>

Insertion loss to crosstalk ratio (ICR)

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

Cl 69 SC 69.3.3.5.4 P59 L13 # 70

Alping, Arne

Comment Type E Comment Status D e

A comma is missing

SuggestedRemedy

Change "... from TP1 to TP2 to the total ..." to "... from TP1 to TP2, to the total ..."

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC 69.4 P60 L23 # 514

Dawe, Piers Agilent

Comment Type E Comment Status X open

Table 69-4 does little but duplicate table 44-2. Other projects are adding rows to that, and you have to edit clause 44 anyway. Marking these tables as 'informative' is misleading.

SuggestedRemedy

Refer to and modify table 44-2, remove table 69-4. Similarly for table 69-3 if practical. If you do keep them, change 'Delay Constraints' to 'delay constraints'

Proposed Response Response Status O

Cl 69 SC 69.5 P60 L47 # 218
Grow, Robert Intel

Comment Type E Comment Status D e

I think we are attempting to deprecate the term state machine (at least that was the consensus when I had to remove its use in 802.3z and 802.3ae).

SuggestedRemedy

Change to state diagram. Search on state machine and replace in all 16 occurrences with appropriate grammatical correction of surrounding text.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC 69.6 P61 L03 # 219

Grow, Robert Intel

Comment Type E Comment Status D e

The correct reference when referring to the standard is IEEE Std 802.3.

SuggestedRemedy

Change IEEE 802.3 to IEEE Std 802.3.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC 69.6 P61 L10 # 515

Dawe, Piers Agilent

Comment Type E Comment Status D

Off topic: it's not interesting (in this clause) that 100BASE-T used our current PICS notation.

SuggestedRemedy

Shorten to '... conforms to the notation and conventions of 21.6.'

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Use text:

Each of the Backplane Ethernet PICS uses the notation and conventions specified in 21.6.

IEEE P802.3xx draft Y.Z Comments

Cl 69 SC 69.6 P61 L10 # 220
Grow, Robert Intel

Comment Type E Comment Status D e

I don't think the statement is correct. PICS conventions changed a bit, in particular the column order and the virtual elimination of free form entry. the instructions in 21.6.3 are not completely accurate for the PICS format used as columns are identified in that section by number rather than by title.

SuggestedRemedy

Either rewrite or correct 21.6 to cover both formats. Possibly

Each of the Backplane Ethernet PICS uses the notation and conventions specified in 21.6.

Proposed Response Response Status W

PROPOSED ACCEPT.

Use text: "Each of the Backplane Ethernet PICS uses the notation and conventions specified in 21.6."

Cl 69 SC Figure 69-7 P59 L29 # 215
Grow, Robert Intel

Comment Type E Comment Status D need text

This regions and port type labels are very difficult to read.

SuggestedRemedy

Underlay the lables with white boxes to hide the log graph lines.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC Figure 69-1 P50 L28 # 12
Daines, Kevin

Comment Type ER Comment Status D

Defining ""GMII"" as ""1 Gigabit Media Independent Interface"" is a little awkward though not technically incorrect. I'd prefer dropping the ""1"" so the figure matches the others in the base standard.

SuggestedRemedy

See comment

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC Figure 69-2 P53 L07 # 211
Grow, Robert Intel

Comment Type E Comment Status D

The terms <p> nad <n> are undefined.

SuggestedRemedy

Define them.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC Table 69-1 P51 L39 # 206
Grow, Robert Intel

Comment Type E Comment Status D e

Table line width between clause 51 and 70 looks too broad.

SuggestedRemedy

Check and correct.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC Table 69-1 P51 L46 # 205
Grow, Robert Intel

Comment Type E Comment Status D e

Typo 10GASE-KX.

SuggestedRemedy

Correct to 10GBASE-KX.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69 SC Table 69-3 P60 L12 # 216
Grow, Robert Intel

Comment Type ER Comment Status X open

Another problem with intermingled informative tables, also a problem for Table 69-4.

SuggestedRemedy

Move to informative annex, get publication editor approval or rewrite.

Proposed Response Response Status O

IEEE P802.3xx draft Y.Z Comments

CI 69A SC 69A. P63 L # 438
 Kim, Yong Broadcom
 Comment Type ER Comment Status X open
 Please indicate whether this is Normative or Informative. If this is Normative, there are some missing specifications such as group delay, test interface to be used for conformance test set-up, etc.
 SuggestedRemedy
 Please indicate.
 Proposed Response Response Status O

CI 69A SC 69A. P63 L 41 # 225
 Grow, Robert Intel
 Comment Type ER Comment Status D
 There are a lot of unexpanded, and undefined acronyms in this Annex, or the expansion/definition of the acronym follows its initial usage in text. The expansions and definitions are also scattered and difficult to find without a PDF search.
 SuggestedRemedy
 Add acronyms used outside this Annex to 1.5. Provide concise listing for terms only used within this annex. Provide Annex 69A first usage expansion and definition of:
 DUT, self-defining if expanded. Consider changing to IUT for consistency with other clauses.
 mBER, self-defining if expanded.
 standard BER, improve definition by changing sentence at p. 65 42 to read ""It is recommended that the standard BER be lower than ..."".
 minISloss, not sufficiently self descriptive.
 EIT, expand at first usage.

Proposed Response Response Status W
 PROPOSED ACCEPT.

Propose we include the following table:

acronym	meaning	defined in
NEXT	Near End Cross Talk	
FEXT	Far End Cross Talk	
SI	Self Interference	69A.1b
ISI	InterSymbol Interference	
IL(f)	Channel Insertion loss	69.3.3.3
Amax(f)	Worst case channel attenuation	69.3.3.2 eq 69-6
A(f)	Smoothed fit to IL(f)	69
f1	a lower frequency bound	69.3.3.1 table 69-2
f2	a upper frequency bound	69.3.3.1 table 69-2
ISloss	IL(f2)-IL(f1)	69A.2 *
minISloss	Spec limit to ISloss	table 70-8, 71-8, 72-10 *
BER	Bit Error Ratio	
eBER	extrapolated BER	
mBER	measured BER	69A.5 Paragraph 4
EO	correction to measured IT	69A.5 Paragraph 7
EIT	Extrapolated Interference Tolerance	69A.5 Paragraph 8
EIT baseline	Spec limit for EIT vs frequency	69A.5 eq 69 ??

IEEE P802.3xx draft Y.Z Comments

EIT base DUT	Parameter used in eq 69 ?? Device Under Test	table 70-8, 71-8, 72-10 *			
CI 69A	SC 69A.1	P63	L06	#	221
Grow, Robert			Intel		
<i>Comment Type</i>	E	<i>Comment Status</i>	D		<i>e</i>
Inappropriate tense.					
<i>SuggestedRemedy</i>					
Change ""will be"" to ""is"".					
<i>Proposed Response</i>		<i>Response Status</i>	W		
PROPOSED ACCEPT.					

EIT base DUT	Parameter used in eq 69 ?? Device Under Test	table 70-8, 71-8, 72-10 *			
CI 69A	SC 69A.1	P63	L16	#	131
John, D'Ambrosia					
<i>Comment Type</i>	E	<i>Comment Status</i>	D		<i>e</i>
The following text is partially incorrect - ""... just a form of inter-symbol interference (ISI) beyond the time range a reasonable equalizer can handle."" Reflections can occur in the time range of an equalizer that may challenge the ability of an equalizer to compensate.					
<i>SuggestedRemedy</i>					
Change to the following ""... just a form of inter-symbol interference (ISI), beyond which a reasonable equalizer can handle.""					
<i>Proposed Response</i>		<i>Response Status</i>	W		
PROPOSED ACCEPT.					

EIT base DUT	Parameter used in eq 69 ?? Device Under Test	table 70-8, 71-8, 72-10 *			
CI 69A	SC 69A.1	P63	L18	#	15
King, Iain					
<i>Comment Type</i>	E	<i>Comment Status</i>	X		<i>open</i>
Talks about 'Foregn Interference'; isn't the usual 802.3 language 'Alien Crosstalk/Interference'? Not a big deal - it's meaning is still clear - just a question of consistency.					
<i>SuggestedRemedy</i>					
<i>Proposed Response</i>		<i>Response Status</i>	O		

EIT base DUT	Parameter used in eq 69 ?? Device Under Test	table 70-8, 71-8, 72-10 *			
CI 69A	SC 69A.1	P63	L19	#	412
Barrass, Hugh		Cisco Systems			
<i>Comment Type</i>	E	<i>Comment Status</i>	D		<i>e</i>
The second sentence appears contradictory. If a foreign noise source is using very high speed signaling then the interference could be significant. There seems to be an assumption that BPE will be the highest speed of signaling in the environment. This should be stated more clearly.					
<i>SuggestedRemedy</i>					
Change					
""If the channel of interest is a very high speed channel...""					
to					
""If the foreign interferers use signaling at lower frequencies than Backplane Ethernet...""					
<i>Proposed Response</i>		<i>Response Status</i>	W		
PROPOSED ACCEPT.					

EIT base DUT	Parameter used in eq 69 ?? Device Under Test	table 70-8, 71-8, 72-10 *			
CI 69A	SC 69A.1	P63	L21	#	132
John, D'Ambrosia					
<i>Comment Type</i>	E	<i>Comment Status</i>	D		<i>e</i>
""FI is likely to be of secondary importance."" This is a statement regarding impelmentation					
<i>SuggestedRemedy</i>					
Delete verbiage.					
<i>Proposed Response</i>		<i>Response Status</i>	W		
PROPOSED ACCEPT.					

Change text to:
 "If the foreign interferers use signaling at lower frequencies than Backplane Ethernet, then any foreign interference is likely to be at lower frequencies than the FEXT or NEXT would be, and cross talk tends to increase with frequency."

IEEE P802.3xx draft Y.Z Comments

Cl 69A SC 69A.1 P63 L35 # 661
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-50
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Data
 ==>
 data

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

Cl 69A SC 69A.1 P63 L36 # 660
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-49
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Data
 ==>
 data

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

Cl 69A SC 69A.1 P63 L39 # 256
 Healey, Adam Agere Systems

Comment Type E Comment Status D e

Additional annotations to this figure would make several concepts more clear while also creating a better relationship between this figure and supporting text.

1. Draw a box around the Frequency-Dependent Attenuator, Interference Injection Block, and Interference Generator and label this the ""compliance channel"".
2. Label the interface between the compliant transmitter block and the compliance channel as TP1, so the properties of signals output from the compliant transmitter can be specified (tied into a separate comment).
3. In addition, it would be useful to label the interface between the compliant channel and the DUT as TP4, so that signal properties at that point may be defined if necessary. It is also makes clear the relationship between this test and the IEEE P802.3ap reference model.

SuggestedRemedy

Per comment.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 69A SC 69A.1 P63 L42 # 664
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-53
 Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy

Compliant Transmitter
 ==>
 Compliant transmitter

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

Cl **69A** SC **69A.1** P**63** L**43** # **662**
 David V James JGG

Comment Type **ER** Comment Status **D** caps

DVJ-51
 Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy

Interference Injection
 ==>
 Interference injection

Proposed Response Response Status **W**

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

Cl **69A** SC **69A.1** P**63** L**43** # **663**
 David V James JGG

Comment Type **ER** Comment Status **D** caps

DVJ-52
 Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy

Frequency Attenuator Dependant
 ==>
 Frequency attenuator dependant

Proposed Response Response Status **W**

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

Cl **69A** SC **69A.1** P**63** L**52** # **665**
 David V James JGG

Comment Type **ER** Comment Status **D** caps

DVJ-54
 Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy

Interference Generator
 ==>
 Interference generator

Proposed Response Response Status **W**

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

Cl **69A** SC **69A.1** P**64** L**05** # **299**
 Abler, Joe IBM

Comment Type **ER** Comment Status **D**

""The compliant transmitter can be any transmitter which is fully compliant..."" This statement can easily be interpreted to mean that the test must pass with any and all transmitters meeting the spec, which implies the user must make a determination on what the worst case transmitter setup would be. That's not the intent of the test, and in fact it's expected that a vendor would select a best case transmitter setup for the test.

SuggestedRemedy

Add additional sentences along the lines of: Only a single compliant transmitter configuration must be tested, demonstration to all possible transmitter configurations defined by the specification is not required. It is expected that vendors will generally select a transmitter performing at the ""upper end"" of the specification range (higher performing) for use in the test.

Proposed Response Response Status **W**

PROPOSED ACCEPT IN PRINCIPLE.

IEEE P802.3xx draft Y.Z Comments

CI 69A SC 69A.2 P64 L 10 # 71

Alping, Arne

Comment Type E Comment Status X open

To be clearer define the Compliance channel in 69A.2 and add an extra subclause that defines the frequency-dependent attenuator

SuggestedRemedy

- (a) Move line 8 ""The compliance channel consists of ..."" to subclause 69A.2
- (b) Add an extra subclause 69A.2.1 called ""Frequency-dependent attenuator"" after 69A.2, where all text in 69A.2 describing the frequency-dependent attenuator is moved to
- (c) Change name of subclause 69A.3 to 69A.2.2

Proposed Response Response Status O

CI 69A SC 69A.2 P64 L 13 # 162

Spagna, Fulvio

INTEL

Comment Type E Comment Status D e

It is not clear what the second sentence tries to say.

If the intention is to clarify that the compliance interconnect limits have been chosen to reflect the fact that a carefully designed channel will be substantially free of ISI I propose the following rewording: ""The compliance interconnect limits have been chosen to allow a realistic approximation of the loss and ISI which a normal data link will experience under the assumption that careful design of the channel will make it substantially free of SI.""

SuggestedRemedy

Replace existing wording with proposed text.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 69A SC 69A.2 P64 L 16 # 222

Grow, Robert

Intel

Comment Type E Comment Status D e

Typo?

SuggestedRemedy

Change SI to ISI.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 69A SC 69A.2 P64 L 17 # 163

Spagna, Fulvio

INTEL

Comment Type ER Comment Status D

Change text from:

""The compliance channel is defined with the same Equation (69A-1) for 1000BASE-KX, 10GBASE-KX4, and 10GASE-KR but the range of applicability and the minISloss is defined separately for each case.""

to:

""The compliance channel is defined with the same Equation (69A-1) for three port types but the range of applicability and limits are defined separately for each case (Table 70-8 for 1000 BASE-KX, Table 71-8 for 10GBASE-KX4, Table 72-8 for 10GBASE-KX).""

SuggestedRemedy

Adopt proposed text.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Changed to: "The compliance channel is defined with the same Equation (69A-1) for three port types but the range of applicability and limits are defined separately for each case (Table 70-8 for 1000 BASE-KX, Table 71-8 for 10GBASE-KX4, Table 72-10 for 10GBASE-KR)."

IEEE P802.3xx draft Y.Z Comments

CI 69A SC 69A.2 P64 L17 # 133

John, D'Ambrosia

Comment Type ER Comment Status D

Equation 69A-1 is the same as 69-6 with same variables. Also f1 and f2 are not defined in Annex69A, but is believed to refer back to f1 and f2 discussed in Clause 69. Use of minISloss and ISloss are not adequately defined. Figure 69A-2 does not agree with the statement ""The insertion loss

SuggestedRemedy

Change lines 17 to 54 sentence - The insertion loss should be greater than or equal to Amax(f), the worst-case insertion loss limit, as described by Equation 69-6. The frequency range of interest differs for 1000BASE-KX, 10GBASE-KX4, and 10GBASE-KR, and is bounded by f1 and f2, which is defined in Table 69-2. MinISloss is defined as the difference in magnitude between Amax(f1) and Amax(f2). ISloss is defined as the difference in magnitude of the the compliancy channel at f1 and f2. The ISloss of the compliance channel shall be greater than MinISloss.

It is possible to construct a single compliance channel that will meet the requirements for all three PHY. The insertion loss of the compliance channel above f2 shall be less than Amax(f2). The magnitude response and ISI loss limits are illustrated in Figure 69A-2.

Updated Figure 69A-2 to be provided by D'Ambrosia

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

CI 69A SC 69A.2 P64 L18 # 136

John, D'Ambrosia

Comment Type E Comment Status X open

use of fbaud is not called out in Clauses 70 - 72

SuggestedRemedy

In table 70-7, 71-7, and 72-7, add "", fbaud"" to ""Signaling Speed"" Parameter

Proposed Response Response Status O

CI 69A SC 69A.2 P64 L22 # 296

Abler, Joe

IBM

Comment Type E Comment Status D e

The term ""greater than"" is considering absolute value of loss, which is inconsistent with the usage in section 69.3.3.2

SuggestedRemedy

Change to ""less than"". Also on line 36.

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 69A SC 69A.2 P64 L27 # 165

Spagna, Fulvio

INTEL

Comment Type ER Comment Status D

Reference Table 69-2 instead of redefining b1 ... b4.

SuggestedRemedy

Change text from:

""where:
IL(f) is the insertion loss at frequency f (f in Hz)
b1 = 2.25E-05
b2 = 1.20E-10
b3 = 3.50E-20
b4 = -1.25E-30""

to:

""where IL(f) is the insertion loss at frequency f (f in Hz) and b1 ... b4 are defined in Table 69-2.""

Proposed Response Response Status W
PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 69A SC 69A.2 P64 L36 # 134

John, D'Ambrosia

Comment Type ER Comment Status D

reference to insertion loss being greater than or less than specification-
The insertion loss of the compliance channel above f2 should be greater than Amin(f2).

SuggestedRemedy

Change verbiage to the following -
The insertion loss of the compliance channel above f2 should be less than Amax(f2).

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 69A SC 69A.2 P64 L37 # 116

Andre, Szczepanek

Comment Type ER Comment Status D

Amin(f2) is referenced here but is not defined in Clauses 69 or 69a.
Should this be a reference to ILmin(f2) ?.

Amin(f) also appears in Figure 69A-2.

SuggestedRemedy

Define Amin(f2), or reference ILmin(f2) if that is what was intended.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Need text

CI 69A SC 69A.2 P64 L39 # 257

Healey, Adam

Agere Systems

Comment Type E Comment Status D e

""is greater than minISILoss"" would read better as ""should be greater than minISILoss"".

SuggestedRemedy

Per comment.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 69A SC 69A.2 P65 L01 # 166

Spagna, Fulvio

INTEL

Comment Type E Comment Status D need text

It would be helpful to show minISILoss on this graph.

SuggestedRemedy

Modify graph to show minISILoss.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

CI 69A SC 69A.2 P65 L13 # 666

David V James

JGG

Comment Type ER Comment Status D caps

DVJ-55

Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy

Insertion Loss

==>

Insertion loss

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 69A SC 69A.2 P69 L22 # 118
 Andre, Szczepanek

Comment Type ER Comment Status X open

The use of Interference Tolerance testing is now mandatory, but the wording in the clause predominantly uses ""should"" and ""can"".

Eg. Line 69: ""The insertion loss should be greater than or equal to the worst-case insertion loss limit...""

So its OK to measure the mandatory interference tolerance test parameters without meeting this then ?

Also on line 5: ""The compliant transmitter can be any transmitter which is fully compliant to the specifications for the respective port type"".

Line 36: ""The insertion loss of the compliance channel above f2 should be greater than ...""

SuggestedRemedy

""The insertion loss shall be greater than or equal to the worst-case insertion loss limit...""

""The compliant transmitter shall be a transmitter which is fully compliant to the specifications for the respective port type"".

""The insertion loss of the compliance channel above f2 shall be greater than ...""

Check all ""should""s in clause 69A to see it they need to be shalls.

Proposed Response Response Status O

CI 69A SC 69A.3 P65 L27 # 167
 Spagna, Fulvio INTEL

Comment Type ER Comment Status D

Since the requirement for the compliance channel is that $IL(f) \geq Amin(f)$ this does not pose any practical constraint on how small the insertion loss of the Interference Injection Block.

SuggestedRemedy

Change text from:

""This block may be a pair directional couplers, a pair of pick-off tees, or any other component, as long as it passes data with sufficiently small loss so that the combination of the interference injection block and the frequency-dependent attenuator satisfies the requirements of the compliance channel. It should also be capable of injecting differential interference large enough to cause a BER of at least 10E-4.""

to:

""This block may be a pair directional couplers, a pair of pick-off tees, or any other component, as long as it allows injecting differential interference large enough to cause a BER of at least 10E-4.""

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

CI 69A SC 69A.3 P65 L27 # 324
 Baumer, Howard Broadcom

Comment Type E Comment Status D e
 Missing "of"

SuggestedRemedy

Change "à be a pair directional à" to "à be a pair of directional à"

Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 69A SC 69A.3 P66 L06 # 168
 Spagna, Fulvio INTEL

Comment Type E Comment Status D e
 Reword sentence.

SuggestedRemedy
 Change text from:

""With the interference generator amplitude still zero or very low, establish that the BER measured by either the BERT or the DUT BIST (mBER) is very low.""

to:

""With the interference generator amplitude still zero or very low, establish that the measured BER, mBER, as reported by the BERT or the DUT BIST is very low.""

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69A SC 69A.3 P67 L21 # 227
 Grow, Robert Intel

Comment Type E Comment Status D
 Not sure if we got peak-to-peak units accepted in the Sponsor balloting of REVam.

SuggestedRemedy
 Check if mVp-p is in REVam and change if inconsistent.

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69A SC 69A.5 P65 L42 # 327
 Baumer, Howard Broadcom

Comment Type E Comment Status X open
 Inconsistent wording: using "error rates" for "standard BER"

SuggestedRemedy
 Replace "error rates" with "standard BER"

Proposed Response Response Status O

CI 69A SC 69A.5 P66 L01 # 328
 Baumer, Howard Broadcom

Comment Type E Comment Status D e
 Un-needed and confusing wording

SuggestedRemedy
 Replace "So the compliant transmitter accepts data" with "data accepted"

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69A SC 69A.5 P66 L04 # 329
 Baumer, Howard Broadcom

Comment Type E Comment Status D e
 Missing "or"

SuggestedRemedy
 Add the line "or" above line 4, option b).

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69A SC 69A.5 P66 L04 # 330
 Baumer, Howard Broadcom

Comment Type E Comment Status D e
 Un-needed and confusing wording

SuggestedRemedy
 Change "So the Compliant Transmitter transmits a ..." to "A .."

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69A SC 69A.5 P66 L16 # 226
 Grow, Robert Intel

Comment Type E Comment Status D e
 Unnecessary abbreviation.

SuggestedRemedy
 Change p-p to peak-to-peak here and in following line.

Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

Cl 69A SC 69A.5 P66 L21 # 81
 Altmann, Michael Intel

Comment Type ER Comment Status D
 The formula for plotting is sqrt(log(mBER)). For normal operational BE rates, this yields an imaginary number

SuggestedRemedy
 SuggestedRemedy: Change formula to log(mBER)

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Cl 69A SC 69A.5 P66 L23 # 232
 Dudek, Mike Picolight

Comment Type E Comment Status D e
 duplicate word ""data""

SuggestedRemedy
 Remove one data.

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 69A SC 69A.5 P66 L23 # 228
 Grow, Robert Intel

Comment Type E Comment Status D e
 Typo

SuggestedRemedy
 Change ""data data"" to ""data"".

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 69A SC 69A.5 P66 L28 # 337
 Baumer, Howard Broadcom

Comment Type E Comment Status D
 Missing "the"

SuggestedRemedy
 Change "At each frequency extrapolated à" to "At each frequency the extrapolated à"

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 69A SC 69A.5 P66 L28 # 336
 Baumer, Howard Broadcom

Comment Type E Comment Status D
 Missing "an"

SuggestedRemedy
 Change "à give mBER = standard BER." to "à give an mBER = the standard BER."

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 69A SC 69A.5 P66 L29 # 338
 Baumer, Howard Broadcom

Comment Type E Comment Status D
 Wrong tense

SuggestedRemedy
 Change "give" to "gave"

Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 69A SC 69A.5 P66 L34 # 108
 Liu, Cathy

Comment Type E Comment Status D
 Should ""EIT Baseline EITbase, for f1 = .f<fbaud"" be ""EIT Baseline EITbase, for f1 = .f<0.6*fbaud""?

SuggestedRemedy

Proposed Response Response Status W
 PROPOSED ACCEPT.

See 339

IEEE P802.3xx draft Y.Z Comments

CI 69A SC 69A.5 P66 L34 # 340
 Baumer, Howard Broadcom

Comment Type E Comment Status D
 Improper IEEE formatting

SuggestedRemedy
 Label the equations on line 34 and 36 with the standard IEEE equation format

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69A SC 69A.5 P66 L34 # 339
 Baumer, Howard Broadcom

Comment Type E Comment Status D
 Overlapping frequency ranges

SuggestedRemedy
 Change "f1<=f<fbaud" to "f1<=f<0.6fbaud"

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69A SC 69A.5 P66 L34 # 229
 Grow, Robert Intel

Comment Type E Comment Status D
 These should be formatted as equations.

SuggestedRemedy
 Per comment.

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69A SC 69A.5 P66 L36 # 230
 Grow, Robert Intel

Comment Type E Comment Status D
 Inconsistent capitalization

SuggestedRemedy
 Be consistent EIT Baseline or EIT baseline.

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 69A SC 69A.5 P67 L08 # 667
 David V James JGG

Comment Type ER Comment Status D caps
 DVJ-56

Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy
 Extrapolation Offset
 ==>
 Extrapolation offset

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 69A SC 69A.5 P67 L43 # 668
 David V James JGG

Comment Type ER Comment Status D caps
 DVJ-57

Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy
 Interference Amplitude
 ==>
 Interference amplitude

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

Cl 69A SC 69A.5 P67 L51 # 669
David V James JGG

Comment Type ER Comment Status D caps

DVJ-58
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Extrapolated Interference Tolerance
==>
Extrapolated interference tolerance

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

Cl 69A SC 69A.5 P69 L02 # 670
David V James JGG

Comment Type ER Comment Status D caps

DVJ-59
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Physical Medium Dependent Sublayer and Baseband Medium,
==>
Physical medium dependent sublayer and baseband medium,

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

Cl 69A SC Figure 69A-2 P65 L15 # 223
Grow, Robert Intel

Comment Type E Comment Status D need text

Busy and difficult to understand chart. It isn't clear from the figure or did I find it clear in the text where the acceptance region is. Is it bounded by the box (IL(f2), f1, f2), the Amin line, or the plotted line?

SuggestedRemedy

Clarify at a minimum with text or better by perhaps shading the acceptance region. Label the measurement line.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Cl 69A SC Figure 69A-2 P65 L22 # 224
Grow, Robert Intel

Comment Type ER Comment Status D e

It should be clearer what is example content in the figures. I find similar ambiguity in Figures 69A-3 and 69A-4.

SuggestedRemedy

Add example to the Figure title and/or label the plot lines that are examples of a test measurement as as being such.

Proposed Response Response Status W

PROPOSED ACCEPT.

Cl 70 SC 70.1 P69 L07 # 32
Marris, Arthur

Comment Type E Comment Status D

Grammar, replace ""PMA, PMD is"" with ""PMA and PMD are"", also consider deleting "",or equivalent"".

SuggestedRemedy

Change ""In order to form a complete PHY (physical layer device), a PCS, PMA, PMD is combined with the management functions which are optionally accessible through the management interface defined in Clause 45, or equivalent."" to ""In order to form a complete PHY (physical layer device), a PCS, PMA and PMD are combined with the management functions which are optionally accessible through the management interface defined in Clause 45.""

Proposed Response Response Status W

PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 70 SC 70.2 P69 L26 # 671
David V James JGG

Comment Type ER Comment Status D caps

DVJ-60
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Physical Medium Dependent (PMD) Service Interface
==>
Physical medium dependent (PMD) service interface

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.2 P69 L27 # 545
Grow, Robert Intel

Comment Type E Comment Status D

Delete the summary of the service interface.

SuggestedRemedy

Per comment, also need to update p. 70 l. 27. Make corresponding changes in Clauses 71 and 72.

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 70 SC 70.3 P69 L36 # 672
David V James JGG

Comment Type ER Comment Status D caps

DVJ-61
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Delay Constraints
==>
Delay constraints

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.4 P69 L49 # 546
Grow, Robert Intel

Comment Type E Comment Status D

Grammar.

SuggestedRemedy

If the MDIO is implemented...
Make corresponding changes in Clauses 71 and 72.

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 70 SC 70.5 P70 L25 # 673
David V James JGG

Comment Type ER Comment Status D caps

DVJ-62
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

PMD Functional Specifications
==>
PMD functional specifications

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.5 P70 L27 # 547
Grow, Robert Intel

Comment Type E Comment Status D

The service interface definitions aren't in 70.2, at most, only a summary.

SuggestedRemedy

The 1000BASE-KX PMD performs three functions, Transmit, Receive, and Signal Detect in support of the matching service interface primitives of 38.1.1.

Proposed Response Response Status W
PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 70 SC 70.5 P70 L 54 # 674
David V James JGG

Comment Type ER Comment Status D caps

DVJ-63
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Link Block Diagram
==>
Link block diagram

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.5.1 P70 L 40 # 72
Alping, Arne

Comment Type E Comment Status D e

Figure 70-1 looks fuzzy, probably due to jpg coded picture; change to gif format

SuggestedRemedy

Use gif format for Figure 70-1

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

The fig has been redrawn in Frame.

CI 70 SC 70.5.1 P70 L 40 # 233
Dudek, Mike Picolight

Comment Type E Comment Status X open

TP1 and TP4 position isn't specified exactly. This also applies to 71.5.1 and 72.5.1

SuggestedRemedy

Add an extra paragraph. TP1 and TP4 are after a separateable connector (ie the Tx includes the effect of this separable connector, whereas the receiver does not).

Proposed Response Response Status O

CI 70 SC 70.5.1 P70 L 41 # 524
Dawe, Piers Agilent

Comment Type E Comment Status D e

Something wrong with figure 70-1: poor quality, can't select text. Seems to be a kind of bitmap not a vector/text figure.

SuggestedRemedy

Translate the figure a different way or start again from figure 69-2. Similarly in clauses 71, 72.

Proposed Response Response Status W
PROPOSED ACCEPT.

Figures have been redrawn in Frame.

CI 70 SC 70.5.2 P71 L 04 # 548
Grow, Robert Intel

Comment Type E Comment Status D

Grammar

SuggestedRemedy

""according to the electrical specifications"", or as it is in Clause 72 according to the specifications""

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 70 SC 70.5.4 P71 L 23 # 549
Grow, Robert Intel

Comment Type E Comment Status D

Appears to be a white line on DETECT.

SuggestedRemedy

Check FrameMaker source to verify if this is a pdf problem or something in the source.

Proposed Response Response Status W
PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 70 SC 70.5.4 P71 L24 # 141
John, D'Ambrosia

Comment Type ER Comment Status D e
use of 1000BASE-X

SuggestedRemedy
replace with 1000BASE-KX

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 70 SC 70.5.4 P71 L32 # 170
Spagna, Fulvio INTEL

Comment Type ER Comment Status D
Text (line 24, page 71) indicates that ""The PMD receiver is not required to verify whether a compliant 1000BASE-X signal is being received."" Table 70-4 indicates that this is a requirement. Also, Table 70-4 references a parameter, Minimum Differential sensitivity which is nowhere defined.

SuggestedRemedy
Remove ""AND compliant 1000BASE-X input signal"" from the first row in Table 70-4.

Add ""Minimum Differential Sensitivity"" parameter to Table 70-7

- OR -

Replace ""Minimum Differential Sensitivity"" in Table 70-4 with a hard limit.

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Signal detect was removed

CI 70 SC 70.5.5 P71 L46 # 675
David V James JGG

Comment Type ER Comment Status D caps
DVJ-64
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy
PMD Transmit Disable Function
==>
PMD transmit disable function

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.5.6 P72 L02 # 676
David V James JGG

Comment Type ER Comment Status D caps
DVJ-65
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy
Loopback Mode
==>
Loopback mode

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 70 SC 70.6 P72 L37 # 677
David V James JGG

Comment Type ER Comment Status D caps

DVJ-66
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

1000BASE-KX Electrical Characteristics
==>
1000BASE-KX electrical characteristics

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.6 P75 L52 # 20

Abbott, John

Comment Type E Comment Status X open

In 70.6.1.6 lines 52-53 there is a reference to output impedance and reference impedance. Can a reference to where these are defined in the standard be included here?

SuggestedRemedy

Either define output impedance and reference impedance or give a reference to where they are defined.

Proposed Response Response Status O

CI 70 SC 70.6.1 P72 L39 # 678

David V James JGG

Comment Type ER Comment Status D caps

DVJ-67
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Transmitter Characteristics
==>
Transmitter characteristics

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.6.1 P73 L18 # 173
Spagna, Fulvio INTEL

Comment Type ER Comment Status D

For consistency with KX4 and KR, add RJ entry to Output Jitter specification.

SuggestedRemedy

Add new entry in Output Jitter Box:

Random Jitter 0.15 Upp

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

CI 70 SC 70.6.1.1 P74 L07 # 683

David V James JGG

Comment Type ER Comment Status D caps

DVJ-72
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Fixture
==>
fixture

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.6.1.1 P74 L14 # 684

David V James JGG

Comment Type ER Comment Status D caps

DVJ-73
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Under Test
==>
under test

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 70 SC 70.6.1.1 P74 L 18 # 681
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-70
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Oscilloscope
 ==>
 oscilloscope

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.6.1.1 P74 L 19 # 682
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-71
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Processing
 ==>
 processing

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.6.1.1 P74 L 20 # 680
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-69
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Data Acquisition Module
 ==>
 data acquisition module

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.6.1.1 P74 L 32 # 679
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-68
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Transmit Test Fixture for 1000BASE-KX
 ==>
 Transmit test fixture for 1000BASE-KX

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 70 SC 70.6.1.4 P75 L46 # 551
 Grow, Robert Intel

Comment Type E Comment Status D

Blue font on some cross references but not all. (Also p.71, l.38; p.75, l.31; p.76, l.39 and 41; p.77, l. 29; p.82, l.34; p.83, 10; p.85, l.43; p.91, l.42; p.93, l.25; p.95, l.5, 7, 20, 22; p.96, l.5; p. 102, l.23; p.103, l.10; p.105, l.32; etc.)

SuggestedRemedy

Some definition problem for internal versus external references or is this individual font characteristics?

Proposed Response Response Status W

PROPOSED ACCEPT.

All references outside this document should be blue.

CI 70 SC 70.6.1.5 P75 L35 # 552
 Grow, Robert Intel

Comment Type E Comment Status D

Vcom should be com in subscript.

SuggestedRemedy

Fix here and in Figure 70-2, as well as similar occurrences in Clauses 71 and 72 (a search will turn all six occurrences).

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 70 SC 70.6.1.7 P76 L37 # 685
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-74
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Transition Time
 ==>
 Transition time

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.6.1.8 P76 L46 # 73
 Alping, Arne

Comment Type E Comment Status D

Too many periods

SuggestedRemedy

Remove one of the periods after ""... 0.10 UI peak-to-peak... ""

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 70 SC 70.6.2.1 P77 L42 # 143
 John, D'Ambrosia

Comment Type ER Comment Status D

In Table 70-8, miniSIloss is based on the values of Amax(f) at f1, f2

values for f1 and f2 do not reflect values listed in Table 69-2. It is believed that it is the intent for the values listed in Table 70-8 to match Table 69-2.

SuggestedRemedy

In Table 70-8
 replace reference to note 1 with value for miniSIloss 6.3463 dB
 delete note 1
 Change f1 to 0.125 GBz
 change f2 to 1.250 GHz

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

CI 70 SC 70.7 P78 L34 # 723
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-76
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Interconnect Characteristics
 ==>
 Interconnect characteristics

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 70 SC 70.8 P78 L39 # 686
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-75
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Environmental Specifications
 ==>
 Environmental specifications
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.8.5 P79 L15 # 724
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-77
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Protocol Implementation Conformance Statement
 ==>
 Protocol implementation conformance statement
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 70 SC 70.9 P79 L14 # 589
 Booth, Brad Intel
 Comment Type E Comment Status D e
 PICS should start at the top of a new page.
 SuggestedRemedy
 As per comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 70 SC 70.9.1 P79 L23 # 142
 John, D'Ambrosia
 Comment Type ER Comment Status D e
 use of 10GBASE-KX4
 SuggestedRemedy
 replace with 1000BASE-KX
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 70 SC Figure 70-1 P70 L40 # 553
 Grow, Robert Intel
 Comment Type E Comment Status D e
 Something doesn't render right with this figure that is also repeated in Clauses 71 and 72.
 SuggestedRemedy
 If scanned, redraw in FrameMaker, else figure out why it is tinted with red and fuzzy. Fix in all three clauses.
 Proposed Response Response Status W
 PROPOSED ACCEPT.
 Done

CI 70 SC Figure 70-1 P70 L51 # 563
 Grow, Robert Intel
 Comment Type ER Comment Status D
 What is labeled as the backplane is more than the backplane.
 SuggestedRemedy
 Either change to Backplane Channel as in Figure 69-2, or add additional arrows to define what is backplane and what is blade. Make corresponding changes in Clauses 71 and 72.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

IEEE P802.3xx draft Y.Z Comments

CI 70 SC Figure 70-2 P74 L25 # 550
 Grow, Robert Intel
 Comment Type E Comment Status X open
 The outer partial box and ""Test Fixture"" label doesn't seem to add anything to the figure, nor does the ""or Equivalent"" and associated arrows.
 SuggestedRemedy
 Remove. Make consistent changes in Figures 72-6 and 71-2.
 Proposed Response Response Status O

CI 71 SC 71. P85 L02 # 725
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-78
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Physical Medium Dependent Sublayer and Baseband Medium,
 ==>
 Physical medium dependent sublayer and baseband medium,
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 71 SC 71.2 P85 L33 # 726
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-79
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Physical Medium Dependent (PMD) Service Interface
 ==>
 Physical medium dependent (PMD) service interface
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 71 SC 71.3 P85 L42 # 727
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-80
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Delay Constraints
 ==>
 Delay constraints
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 71 SC 71.3 P85 L50 # 22
 Muller, Shimon Muller Sun Microsystems, Inc
 Comment Type E Comment Status D
 See below
 SuggestedRemedy
 Replace "pause_quantum" with "pause_quanta".
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 71 SC 71.5 P86 L36 # 728
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-81
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 PMD Functional Specifications
 ==>
 PMD functional specifications
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 71 SC 71.5.1 P86 L42 # 729
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-82
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Link Block Diagram
 ==>
 Link block diagram
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 71 SC 71.5.2 P87 L19 # 730
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-83
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 PMD Transmit Function
 ==>
 PMD transmit function
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 71 SC 71.5.1 P87 L01 # 74
 Alping, Arne
 Comment Type E Comment Status D e
 Figure 71-1 looks fuzzy, probably due to use of jpg format rather than gif
 SuggestedRemedy
 Use gif format for Figure 71-1
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 The fig has been redrawn in Frame.

CI 71 SC 71.5.2 P87 L28 # 564
 Grow, Robert Intel
 Comment Type ER Comment Status D e
 Not really an equation so it shouldn't use =.
 SuggestedRemedy
 Change to read: where SL0<p>/<n> corresponds to tx_bit<0>, SL1<p>/<n> to tx_bit<1>, SL2<p>/<n> to tx_bit<2>, and SL3<p>/<n> = tx_bit<3>.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 71 SC 71.5.1 P87 L17 # 733
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-86
 English words should not be capitalized simply because their meaning is different from normal English usage.
 SuggestedRemedy
 Block Diagram
 ==>
 block diagram
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 71 SC 71.5.3 P87 L31 # 731
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-84
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 PMD Receive Function
 ==>
 PMD receive function
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

Cl 71 SC 71.5.4 P87 L43 # 732
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-85
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Global PMD Signal Detect Function
 ==>
 Global PMD signal detect function
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

Cl 71 SC 71.5.4 P87 L45 # 565
 Grow, Robert Intel
 Comment Type ER Comment Status D e
 Case error.
 SuggestedRemedy
 Change PMD_signal.indicate to PMD_SIGNAL.indication.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 71 SC 71.5.4 P87 L52 # 566
 Grow, Robert Intel
 Comment Type ER Comment Status D e
 Redundancy or bad placement of parenthetical.
 SuggestedRemedy
 ... in any 20 UI window. Same change next page line 2.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 71 SC 71.6.1 P90 L08 # 542
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 This table shows up in the pdf bookmarks as if it were a subclause heading
 SuggestedRemedy
 fix
 Proposed Response Response Status W
 PROPOSED REJECT.
 I have added all figures and tables to show as 4th level indents in the PDF

Cl 71 SC 71.6.1 P90 L14 # 75
 Alping, Arne
 Comment Type E Comment Status D
 To be compliant with Table 70-5 I suggest including foot note: ""See Figure 71-3 for an illustration of the definition of differential peak-to-peak output voltage""
 SuggestedRemedy
 Include foot note: ""See Figure 71-3 for an illustration of the definition of differential peak-to-peak output voltage""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 71 SC 71.6.1 P90 L24 # 77
 Alping, Arne
 Comment Type E Comment Status D
 The unit for jitter parameters should be Ulp-p (not just UI)
 SuggestedRemedy
 Change unit for jitter parameters to Ulp-p
 Proposed Response Response Status W
 PROPOSED REJECT.
 Peak to peak is mentioned in the Parameter column.

IEEE P802.3xx draft Y.Z Comments

Cl 71 SC 71.6.1 P90 L26 # 76
 Alping, Arne
 Comment Type E Comment Status X open
 To be compliant with Table 70-5 I suggest including foot note for Total jitter in Table 71-5:
 ""At BER 10-12""
 SuggestedRemedy
 Include foot note for Total jitter in Table 71-5: ""At BER 10-12""
 Proposed Response Response Status O

Cl 71 SC 71.6.1.1 P90 L08 # 543
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 Too many capitals in figure 71-2. Can use proper omega symbol.
 SuggestedRemedy
 per comment
 Proposed Response Response Status W
 PROPOSED ACCEPT.

Cl 71 SC 71.6.1.1 P91 L07 # 738
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-91
 English words should not be capitalized simply because their meaning is different from
 normal English usage.
 SuggestedRemedy
 Fixture
 ==>
 fixture
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

Cl 71 SC 71.6.1.1 P91 L14 # 737
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-90
 English words should not be capitalized simply because their meaning is different from
 normal English usage.
 SuggestedRemedy
 Under Test
 ==>
 under test
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

Cl 71 SC 71.6.1.1 P91 L17 # 735
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-88
 English words should not be capitalized simply because their meaning is different from
 normal English usage.
 SuggestedRemedy
 Oscilloscope
 ==>
 oscilloscope
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 71 SC 71.6.1.1 P91 L19 # 736
David V James JGG

Comment Type ER Comment Status D caps

DVJ-89
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Processing
==>
processing

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 71 SC 71.6.1.1 P91 L20 # 734
David V James JGG

Comment Type ER Comment Status D caps

DVJ-87
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

or Data Acquisition Module
==>
or data acquisition module

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 71 SC 71.6.1.3 P91 L37 # 554
Grow, Robert Intel

Comment Type E Comment Status D

Bad symbology.

SuggestedRemedy

Replace +- with the symbol font single character +/- . also replace +/- on p. 96, l. 25.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 71 SC 71.6.1.3 P91 L38 # 78
Alping, Arne

Comment Type E Comment Status D

Change +- to the (+-) sign

SuggestedRemedy

Change +- to the (+-) sign

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 71 SC 71.6.1.6 P94 L35 # 740
David V James JGG

Comment Type ER Comment Status D caps

DVJ-93
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Limit
==>
limit

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 71 SC 71.6.1.6 P94 L35 # 739
David V James JGG

Comment Type ER Comment Status D caps

DVJ-92
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Limit
==>
limit

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 71 SC 71.6.1.9 P95 L 19 # 235
 Dudek, Mike Picolight
 Comment Type E Comment Status D
 Incorrect reference.
 SuggestedRemedy
 Change Figure 71-4 to Figure 71-5
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 71 SC 71.9 P97 L 42 # 590
 Booth, Brad Intel
 Comment Type E Comment Status D e
 PICS should start at the top of a new page.
 SuggestedRemedy
 As per comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 71 SC 71.6.2.1 P96 L 08 # 144
 John, D'Ambrosia
 Comment Type ER Comment Status D
 In Table 71-8, minISloss is based on the values of Amax(f) at f1, f2
 value for f1 does not reflect value listed in Table 69-2. It is believed that it is the intent for the values listed in Table 71-8 to match Table 69-2.
 SuggestedRemedy
 In Table 71-8
 replace reference to note 1 with value for minISloss 13.0132 dB
 delete note 1
 Change f1 to 0.312 GBz
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

CI 72 SC 72. P105 L 02 # 742
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-95
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Physical Medium Dependent Sublayer and Baseband Medium,
 ==>
 Physical medium dependent sublayer and baseband medium,
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 71 SC 71.8.5 P97 L 43 # 741
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-94
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Protocol Implementation Conformance Statement
 ==>
 Protocol implementation conformance statement
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.10.2.3.3 P111 L 11 # 34
 Marris, Arthur
 Comment Type E Comment Status D
 Change ""An new"" to ""A new"".
 SuggestedRemedy
 Change ""An new"" to ""A new"".
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.2 P105 L31 # 743
David V James JGG

Comment Type ER Comment Status D caps

DVJ-96

Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Physical Medium Dependent (PMD) Service Interface

==>

Physical medium dependent (PMD) service interface

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.3 P105 L41 # 744
David V James JGG

Comment Type ER Comment Status D caps

DVJ-97

Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Delay Constraints

==>

Delay constraints

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.3 P105 L49 # 23
Muller, Shimon Muller Sun Microsystems, Inc

Comment Type E Comment Status D

See below

SuggestedRemedy

Replace "pause_quantum" with "pause_quanta".

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 72 SC 72.5 P106 L33 # 745
David V James JGG

Comment Type ER Comment Status D caps

DVJ-98

Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

PMD Functional Specifications

==>

PMD functional specifications

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.1 P106 L35 # 746
David V James JGG

Comment Type ER Comment Status D caps

DVJ-99

Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Link Block Diagram

==>

Link block diagram

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.1 P107 L01 # 79
Alping, Arne

Comment Type E Comment Status D e

Figure 72-1 looks fuzzy, probably due to the use of jpg formatted picture rather than gif

SuggestedRemedy

Use gif format for Figure 72-1

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

The fig has been redrawn in Frame.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.5.10 P108 L48 # 754
David V James JGG

Comment Type ER Comment Status D caps

DVJ-107
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

PMD Control Function
==>
PMD control function

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.10.2 P109 L07 # 755
David V James JGG

Comment Type ER Comment Status D caps

DVJ-108
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Training Frame Structure
==>
Training frame structure

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.10.2 P109 L11 # 113
Andre, Szczepanek

Comment Type E Comment Status D

Typo:
""The control channel signaled using ...""

SuggestedRemedy

change to :
""The control channel is signaled using ...""

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 72 SC 72.5.10.2 P109 L11 # 33
Marris, Arthur

Comment Type E Comment Status D

Missing word ""is"".

SuggestedRemedy

Change ""channel signaled"" to ""channel is signaled"".

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 72 SC 72.5.10.2 P109 L25 # 759
David V James JGG

Comment Type ER Comment Status D caps

DVJ-112
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Marker
==>
marker

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.10.2 P109 L28 # 758
David V James JGG

Comment Type ER Comment Status D caps

DVJ-111
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Control Channel
==>
control channel

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.5.10.2 P109 L31 # 760
David V James JGG

Comment Type ER Comment Status D caps

DVJ-113
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Pattern
==>
pattern

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.10.2 P109 L35 # 756
David V James JGG

Comment Type ER Comment Status D caps

DVJ-109
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Training Frame Structure
==>
Training frame structure

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.10.2.1 P109 L37 # 363
Baumer, Howard Broadcom

Comment Type E Comment Status D

The text through out clause 72 uses the term "Frame Marker" whereas the label for this section is "Frame Delimiter"

SuggestedRemedy

Change section label to "Frame Marker"

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 72 SC 72.5.10.2.1 P109 L38 # 757
David V James JGG

Comment Type ER Comment Status D caps

DVJ-110
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Frame Delimiter
==>
Frame delimiter

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.10.2.3 P110 L11 # 600
Booth, Brad Intel

Comment Type ER Comment Status D

Using the same tables (72-4 and 72-5) that are in Clause 45 is a way to create errors and discrepancies.

SuggestedRemedy

Eliminate the tables in Clause 72 and reference the Clause 45 tables.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 72 SC 72.5.10.2.3.2 P110 L52 # 556
Grow, Robert Intel

Comment Type E Comment Status D

If I understand this right, ""k"" is a variable.

SuggestedRemedy

Put k in italics in all usages.

Proposed Response Response Status W

PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.5.10.2.3.3 P110 L52 # 557
 Grow, Robert Intel
 Comment Type E Comment Status D
 Grammar.
 SuggestedRemedy
 A new increment ...
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.5.10.2.3.3 P111 L11 # 234
 Dudek, Mike Picolight
 Comment Type E Comment Status D
 typo
 SuggestedRemedy
 Change An to A
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.5.10.2.6 P113 L02 # 687
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-114
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Training Pattern
 ==>
 Training pattern
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.10.2.6 P113 L09 # 688
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-115
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Training Pattern
 ==>
 Training pattern
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.10.3 P113 L28 # 689
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-116
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 State Variables
 ==>
 State variables
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.10.3.2 P114 L12 # 567
 Grow, Robert Intel
 Comment Type ER Comment Status D
 Why the inconsistency in defining some variables are Booleans and others not doing so?
 SuggestedRemedy
 Be consistent. I believe the convention for booleans is to define specifically the TRUE and FALSE values.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.5.10.3.2 P114 L24 # 367
 Baumer, Howard Broadcom
 Comment Type E Comment Status D
 Circular reference, see 72.5.10.3.2 is a reference to its own subclause
 SuggestedRemedy
 remove reference
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.5.10.4 P115 L42 # 690
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-117
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 State Diagrams
 ==>
 State diagrams
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.10.4.1 P115 L44 # 691
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-118
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Frame Lock
 ==>
 Frame lock
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.10.4.1 P116 L22 # 24
 Muller, Shimon Muller Sun Microsystems, Inc
 Comment Type ER Comment Status D e
 See below
 SuggestedRemedy
 Replace "good_markers <= 0" with "bad_markers <= 0".
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.5.10.4.2 P117 L05 # 25
 Muller, Shimon Muller Sun Microsystems, Inc
 Comment Type E Comment Status D
 See below
 SuggestedRemedy
 Replace "mr_reset_training" with "mr_restart_training".
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.5.10.4.3 P118 L # 82
 Altmann, Michael Intel
 Comment Type ER Comment Status D
 State machine for tap update only flags max/amd min tap values for status warnings. Many other combinations could be faulty, including combinations of tap values that a priori close the Tx data eye (1-0-1), or all-zero values. There should be additional status warnings for other combinations.
 SuggestedRemedy
 Add (at least one more) status value for illegal tap value combinations.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.5.2 P107 L 18 # 747
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-100
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

PMD Transmit Function
 ==>
 PMD transmit function

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.3 P107 L 24 # 748
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-101
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

PMD Receive Function
 ==>
 PMD receive function

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.4 P107 L 30 # 749
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-102
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

PMD Signal Detect Function
 ==>
 PMD signal detect function

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.4 P107 L 37 # 297
 Abler, Joe IBM

Comment Type E Comment Status D

diagram in 72-4

SuggestedRemedy

call out Figure 72-4

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 72 SC 72.5.5 P107 L 45 # 750
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-103
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

PMD Transmit Disable Function
 ==>
 PMD transmit disable function

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.5.5 P107 L 50 # 616
 Ganga, Ilango Intel

Comment Type E Comment Status D

Change line ""turn off the transmitter such it drives a constant level"" to read as ""turn off the transmitter such that it drives a constant level""

SuggestedRemedy

Change line 50 to read as ""turn off the transmitter such that it drives a constant level""

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 72 SC 72.5.6 P108 L 05 # 751
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-104
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Loopback Mode
 ==>
 Loopback mode

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.8 P108 L 29 # 752
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-105
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

PMD Transmit Fault Function
 ==>
 PMD transmit fault function

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.5.9 P108 L 40 # 753
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-106
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

PMD Receive Fault Function
 ==>
 PMD receive fault function

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.6 P118 L 27 # 692
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-119
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

10GBASE-KR Electrical Characteristics
 ==>
 10GBASE-KR electrical characteristics

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.6 P119 L38 # 19
Abbott, John

Comment Type E Comment Status D

In 72.6.1.2 p. 119 lines 37-39, equations 72-1 and 72-2, the notation should be consistent. 72-1 has a ""dB"" in the equation, while 72-2 does not. See the notation for equations 70-1 and 70-2.

SuggestedRemedy

Make notation in equations like 70-1, 70-2, 72-1, 72-2, etc. as consistent as possible for clarity.

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 72 SC 72.6.1 P118 L29 # 693
David V James JGG

Comment Type ER Comment Status D caps

DVJ-120
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Transmitter Characteristics
==>
Transmitter characteristics

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.6.1 P118 L39 # 80
Alping, Arne

Comment Type E Comment Status D

To be compliant with Table 70-5 a footnot referring to Figure 72-2 should be included

SuggestedRemedy

Include foot note: ""See Figure 72-7 for an illustration of the definition of differential peak-to-peak output voltage""

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 72 SC 72.6.1 P118 L48 # 64
Alping, Arne

Comment Type ER Comment Status D

The unit for jitter is Ulp-p (not just U)

SuggestedRemedy

Use the unit Ulp-p for the jitter parameters

Proposed Response Response Status W
PROPOSED REJECT.

Peak to peak is speled out in the first line

CI 72 SC 72.6.1 P118 L50 # 63
Alping, Arne

Comment Type E Comment Status X open

Include foot note for total jitter on BER

SuggestedRemedy

Include foot note: ""At BER 10-12""

Proposed Response Response Status O

CI 72 SC 72.6.1.1 P119 L15 # 695
David V James JGG

Comment Type ER Comment Status D caps

DVJ-122
Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy

Transmitter Under Test
==>
Transmitter under test

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.6.1.1 P119 L18 # 697
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-124
 English words should not be capitalized simply because their meaning is different from normal English usage.
 SuggestedRemedy
 Oscilloscope
 ==>
 oscilloscope
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.6.1.1 P119 L20 # 698
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-125
 English words should not be capitalized simply because their meaning is different from normal English usage.
 SuggestedRemedy
 Data Acquisition Module
 ==>
 data acquisition module
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.6.1.1 P119 L19 # 696
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-123
 English words should not be capitalized simply because their meaning is different from normal English usage.
 SuggestedRemedy
 Processing
 ==>
 processing
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.6.1.1 P119 L26 # 699
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-126
 English words should not be capitalized simply because their meaning is different from normal English usage.
 SuggestedRemedy
 or Equivalent
 ==>
 or equivalent
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.6.1.1 P119 L29 # 694
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-121
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Transmit Test Fixture for 10GBASE-KR
 ==>
 Transmit test fixture for 10GBASE-KR

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.6.1.10 P122 L17 # 700
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-127
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Transmitter Output Waveform
 ==>
 Transmitter output waveform

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.6.1.10 P122 L29 # 703
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-130
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Delay
 ==>
 delay

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.6.1.10 P122 L34 # 702
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-129
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Delay
 ==>
 delay

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.6.1.10 P122 L40 # 701
David V James JGG

Comment Type ER Comment Status D caps

DVJ-128
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Transmit Equalizer Example
==>
Transmit equalizer example

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.6.1.10 P122 L44 # 114
Andre, Szczepanek

Comment Type E Comment Status D

The meaning of ""maximum"" and ""minimum"" wrt coefficients is not intuitively obvious and makes these requirements difficult to understand for the uneducated reader. That a maximum value equates to equalization disabled is confusing without additional explanation.

SuggestedRemedy

Add a paragraph to the end of this clause :
""It should be noted that the valid ranges of C1 and C-1 coefficients have solely negative values, So the maximum value of these coefficients is the value closest to zero, and is therefore the value used to disable the tap.""

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 72 SC 72.6.1.11 P123 L13 # 704
David V James JGG

Comment Type ER Comment Status D caps

DVJ-131
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Transmitter Output Waveform Measurement Requirements
==>
Transmitter output waveform measurement requirements

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.6.1.11 P123 L37 # 705
David V James JGG

Comment Type ER Comment Status D caps

DVJ-132
Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Transmitter Output Waveform
==>
Transmitter output waveform

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.6.1.11 P124 L06 # 269
Telang, Vivek Broadcom

Comment Type ER Comment Status D

c1 (on line 6) and c-1 (on line 15) are interchanged. c-1 should refer to the precursor tap, and c1 should refer to the postcursor tap

SuggestedRemedy

On line 6, replace ""c1"" with ""c-1""
On line 15, replace ""c-1"" with ""c1""

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.6.1.11 P124 L23 # 176
 Spagna, Fulvio INTEL
 Comment Type ER Comment Status D e
 Wrong reference
 SuggestedRemedy
 Change ""Table 72-5"" to "" Table 72-7"".
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.6.1.11 P124 L24 # 298
 Abler, Joe IBM
 Comment Type E Comment Status D
 72-5 is the wrong table reference
 SuggestedRemedy
 change to Table 72-7
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.6.1.11 P124 L24 # 109
 Liu, Cathy
 Comment Type E Comment Status D
 The peak-peak differential output voltage range was specified in Table 72-7, not in Table 72-5.
 SuggestedRemedy
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.6.1.11 P124 L24 # 270
 Telang, Vivek Broadcom
 Comment Type ER Comment Status D e
 Incorrect reference to Table
 SuggestedRemedy
 Replace ""Table 72-5"" with ""Table 72-7""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.6.1.11 P124 L24 # 236
 Dudek, Mike Picolight
 Comment Type E Comment Status D
 Incorrect reference
 SuggestedRemedy
 Change Table 72-5 to 72-7
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.6.1.11 P125 L45 # 117
 Andre, Szczepanek
 Comment Type ER Comment Status X open
 Table 72-10: note#1 references Amin(f1) & Amin(f2) in Equation 69A-1.
 Amin(f1/f2) are not defined anywhere in Clauses 69 or 69a.
 Should these references be to ILmin(f1/f2) ?
 This comment also applies to Tables 70-8, and 71-8
 SuggestedRemedy
 Fix references
 Proposed Response Response Status O

CI 72 SC 72.6.1.11 P124 L24 # 83
 Weiner, Nick
 Comment Type ER Comment Status D e
 Reference to Table 72-5. Not the correct table.
 SuggestedRemedy
 Table 72-7.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.6.1.5 P120 L26 # 268
Telang, Vivek Broadcom

Comment Type ER Comment Status D e
Format for Return Loss equations is inconsistent with other equation formats

SuggestedRemedy

Change format to be consistent with, e.g., 72-1 and 72-2

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 72 SC 72.6.1.9 P122 L01 # 531
Dawe, Piers Agilent

Comment Type ER Comment Status D
Redundant table.

SuggestedRemedy

Change 'Table 72-8' to 'Table 52-20' here and in 72.6.2.1, and delete table 72-8.

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

CI 72 SC 72.6.2.1 P125 L25 # 237
Dudek, Mike Picolight

Comment Type E Comment Status D
wrong spelling

SuggestedRemedy

Change inference to interference.

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 72 SC 72.6.2.1 P125 L29 # 65
Alping, Arne

Comment Type E Comment Status D
Use of multiple periods

SuggestedRemedy

Remove one of the periods after "... shown in Table 72-8..."

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 72 SC 72.6.2.1 P125 L32 # 145
John, D'Ambrosia

Comment Type ER Comment Status X open
In Table 72-10, minISloss is based on the values of Amax(f) at f1, f2

SuggestedRemedy

In Table 72-10
replace reference to note 1 with value for minISloss 22.4754 dB
delete note 1

Proposed Response Response Status O

CI 72 SC 72.6.2.2 P125 L51 # 560
Grow, Robert Intel

Comment Type E Comment Status D
Bad symbology.

SuggestedRemedy

Replace =/- with symbol font single character.

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 72 SC 72.8.4 P127 L08 # 139
John, D'Ambrosia

Comment Type ER Comment Status D e
calls out 1000BASE-KR

SuggestedRemedy

replace with 10GBASE-KR

Proposed Response Response Status W
PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC 72.8.5 P127 L13 # 138
 John, D'Ambrosia
 Comment Type ER Comment Status D e
 calls out 1000BASE-KR
 SuggestedRemedy
 replace with 10GBASE-KR.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.9.1 P127 L28 # 140
 John, D'Ambrosia
 Comment Type ER Comment Status D e
 calls out 10GBASE-KX4
 SuggestedRemedy
 replace with 10GBASE-KR
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.8.5 P127 L20 # 706
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-133
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.
 SuggestedRemedy
 Protocol Implementation Conformance Statement
 ==>
 Protocol implementation conformance statement
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 72 SC 72.9.4.3 P130 L14 # 119
 Andre, Szczepanek
 Comment Type ER Comment Status D e
 PICS item CF4 :
 Value/Comment Field in the PICS for ""update gain encoding"" says:
 ""Changed if all corresponding updates fields set to zero""
 This is not a true summary of the referenced text.
 SuggestedRemedy
 Should say :
 ""Only Changed if all corresponding updates fields set to zero""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.9 P127 L19 # 592
 Booth, Brad Intel
 Comment Type E Comment Status D e
 PICS needs to start at the top of a new page.
 SuggestedRemedy
 As per comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC 72.9.4.4 P131 L43 # 115
 Andre, Szczepanek
 Comment Type E Comment Status D
 Typo in PICS item TC16:
 ""falue""
 SuggestedRemedy
 ""value""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 72 SC Figure 72-3 P116 L21 # 368
 Baumer, Howard Broadcom
 Comment Type E Comment Status D e
 Repeated good_markers<=0
 SuggestedRemedy
 Delete one
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 One should be bad_markers<=0

CI 72 SC Figure 72-4 P117 L29 # 558
 Grow, Robert Intel
 Comment Type E Comment Status D
 As I recall, separate exit transition lines are to be used when exit conditions differ.
 SuggestedRemedy
 Split transitions into two lines, also Figure 72-3 at bottom of state diagram.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC Figure 72-5 P118 L11 # 369
 Baumer, Howard Broadcom
 Comment Type E Comment Status D
 Confusing logic tests due to lack of parentheses
 SuggestedRemedy
 replace "new_coeff >= MAX_LIMIT" with "(new_coeff >= MAX_LIMIT)"; "new_coeff >
 MIN_LIMIT" with "(new_coeff > MIN_LIMIT)"; "new_coeff < MAX_LIMIT" with "(new_coeff <
 MAX_LIMIT)"; and "new_coeff =< MIN_LIMIT" with "(new_coeff =< MIN_LIMIT)"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC Figure 72-9 P117 L29 # 559
 Grow, Robert Intel
 Comment Type E Comment Status D
 It looks like a capital C is used in Figure but lower case c in definitions.
 SuggestedRemedy
 Make consistent.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 72 SC Table 72-4 P110 L17 # 555
 Grow, Robert Intel
 Comment Type E Comment Status D
 Bit identification is usually underlined.
 SuggestedRemedy
 underline the ""15"" and ""14"". Similar for following rows and other tables.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.1 P133 L05 # 707
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-134
 English words should not be capitalized simply because their meaning is different from
 normal English usage.
 SuggestedRemedy
 Introduction
 ==>
 introduction
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.1 P133 L06 # 13
Daines, Kevin

Comment Type ER Comment Status D

I don't think referencing this project is appropriate in the opening line of 73.1. I believe the specific PHYs, or the family of PHYs, or the Clauses in which the PHYs are specified should be referenced. ""802.3ap"" is a convenient shorthand but over time will fade while the PHY types and Clause numbers will remain.

SuggestedRemedy

Reword per comment above.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Need text

CI 73 SC 73.1 P133 L06 # 16
King, Iain

Comment Type E Comment Status D

I had to re-read the first para a few times before I realised it wasn't contradicting itself (I thought the first sentence says AN is mandatory, the second says it is optional!). I realised the key word is 'use' in the second sentence as opposed to 'implemented' in the first. I wonder if there is a better way of phrasing this para to minimise the potential for confusion.

SuggestedRemedy

Perhaps change the second sentence to read ""The use of the PHY's AN capabilities is optional, however. Parallel detection shall be provided for legacy devices that do not support AN.""

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 73 SC 73.1 P133 L06 # 562
Grow, Robert Intel

Comment Type E Comment Status D

The project identification is transitory and goes away when the amendment is merged into the base document.

SuggestedRemedy

Replace 802.3ap with backplane Ethernet.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 73 SC 73.1 P133 L18 # 8
Daines, Kevin

Comment Type E Comment Status D

It is a nit, but DME was previously defined as ""Differential Manchester Encoding"" in 1.4. This text adds a ""-"" and uses ""Encoded"". This should be harmonized.

SuggestedRemedy

Per comment

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 73 SC 73.1 P133 L18 # 9
Daines, Kevin

Comment Type E Comment Status D

Suggest replacing ""Differential Manchester encoding"" with DME.

SuggestedRemedy

Per comment

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 73 SC 73.1 P133 L25 # 532
Dawe, Piers Agilent

Comment Type E Comment Status D

A piece of silicon doesn't understand

SuggestedRemedy

Change 'understand' to 'discover'

Proposed Response Response Status W

PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.1 P133 L29 # 386
 Baumer, Howard Broadcom
 Comment Type E Comment Status D
 Grammar changes
 SuggestedRemedy
 Change "à in an ordered fashion, permits" to "à in an orderly fashion, it permits"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.10.4.2 P162 L12 # 47
 Claseman, George Micrel Semiconductor
 Comment Type E Comment Status D
 ""suppported""
 SuggestedRemedy
 ""supported""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.1 P133 L30 # 387
 Baumer, Howard Broadcom
 Comment Type E Comment Status D
 Missing "it"
 SuggestedRemedy
 Change "à and allows à" to "à and it allows à"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.10.4.2 P162 L12 # 46
 Claseman, George Micrel Semiconductor
 Comment Type E Comment Status D
 ""wiht""
 SuggestedRemedy
 ""with""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.1 P133 L32 # 533
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 Long sentence doesn't all make sense; not sure quite what was intended.
 SuggestedRemedy
 ... disabled, and legacy devices that can interoperate with 1000BASE-KX and 10GBASE-KX4 devices, to be ...
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.10.4.2 P162 L28 # 250
 Joergensen, Thomas Vitesse Semiconducto
 Comment Type E Comment Status D
 The reference in DT8, column ""Value/Comment"" is incorrect. 42.2.4.2 has to be replaced with 48.2.4.2.
 SuggestedRemedy
 Replace 42.2.4.2 with 48.2.4.2.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.1 P133 L36 # 1
 Daines, Kevin
 Comment Type E Comment Status D
 clause should be ""Clause"" in two places on this line.
 SuggestedRemedy
 Per comment
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.10.4.3 P163 L15 # 39
 Claseman, George Micrel Semiconductor
 Comment Type E Comment Status D
 ""Vaues""
 SuggestedRemedy
 ""Values""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.10.4.4 P164 L14 # 251
 Joergensen, Thomas Vitesse Semiconducto
 Comment Type E Comment Status D
 The reference in RF4, column ""Value/Comment"" should be Figure 73-9 instead of 73-10
 SuggestedRemedy
 Replace 73-10 with 73-9
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.4 P135 L01 # 535
 Dawe, Piers Agilent
 Comment Type E Comment Status X open
 highest common local ability?
 SuggestedRemedy
 Delete 'local'.
 Proposed Response Response Status O

CI 73 SC 73.2 P133 L40 # 601
 Booth, Brad Intel
 Comment Type ER Comment Status D e
 Incorrect heading. The relationship is not to ISO/IEC 8802-3, it is to the ISO OSI reference model.
 SuggestedRemedy
 Change to read: Relationship to the ISO OSI reference model
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.5 P135 L05 # 708
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-135
 English words should not be capitalized simply because their meaning is different from normal English usage.
 SuggestedRemedy
 Transmission
 ==>
 transmission
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

CI 73 SC 73.4 P135 L01 # 534
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 Confusing choice of word if one cares about fiber optics.
 SuggestedRemedy
 Change 'multimode' to multi-ability'. Consider changing 'mode' to 'ability' or 'port type'. Similarly in 73.7.6
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.5.1.1 P135 L35 # 50
 Claseman, George Micrel Semiconductor
 Comment Type E Comment Status D
 ""specified""
 SuggestedRemedy
 ""specified""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.5.2 P135 L38 # 709
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-136
 English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Encoding
 ==>
 encoding

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 73 SC 73.5.2 P135 L47 # 40
 Claseman, George Micrel Semiconductor

Comment Type E Comment Status D
 ""synchronization""

SuggestedRemedy

""synchronization""

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.5.2 P136 L01 # 390
 Baumer, Howard Broadcom

Comment Type E Comment Status D
 Reference not specific enough

SuggestedRemedy

Change "à defined in 48.2.4.2." to "à defined in Figure 48-5 in 48.2.4.2."

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.5.2 P136 L14 # 710
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-137
 Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy

Clock Transitions
 ==>
 Clock transitions

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 73 SC 73.5.2 P136 L20 # 711
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-138
 Capitalization within figure callouts should be limited to the first word, as per IEEE Style Guide. This rule always applies, regardless of whether the callout is split into multiple lines.

SuggestedRemedy

First Bit on Wire
 ==>
 First bit on wire

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.5.3 P136 L30 # 712
David V James JGG

Comment Type ER Comment Status D caps

DVJ-139
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Timing
==>
timing

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 73 SC 73.5.3 P137 L06 # 714
David V James JGG

Comment Type ER Comment Status D e

DVJ-141
Nonstandard table line widths

SuggestedRemedy

==>
very thin in center
thin on edges of header and body

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 73 SC 73.5.3.1 P137 L40 # 617
Ganga, Ilango Intel

Comment Type E Comment Status D

In figure 73-4 missing bit cell edges are indicate by solid lines. Change this to dotted lines

SuggestedRemedy

In figure 73-4 Change missing bit cell edges to dotted lines instead of solid lines.

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 73 SC 73.6 P137 L47 # 713
David V James JGG

Comment Type ER Comment Status D caps

DVJ-140
English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Encoding
==>
encoding

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 73 SC 73.6 P138 L22 # 618
Ganga, Ilango Intel

Comment Type E Comment Status D

change line 22 ""The remaining capability bits are reserved."" to read as ""The remaining capability bit C[2] is reserved.""

SuggestedRemedy

Change line 22 ""The remaining capability bits are reserved."" to read as ""The remaining capability bit C[2] is reserved.""

Proposed Response Response Status W

PROPOSED ACCEPT.

CI 73 SC 73.6 P138 L25 # 279
McClellan, Brett Solarflare

Comment Type E Comment Status D

""Pause capability resolution is referenced in 28B.3""
Use ""defined"" instead of ""referenced.""

SuggestedRemedy

change text to: ""Pause capability resolution is defined in 28B.3""

Proposed Response Response Status W

PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.6 P138 L26 # 620
 Ganga, Ilango Intel

Comment Type E Comment Status D

Delete line 26 ""Pause capability resolution is referenced in 28B.3"". This information not relevant here it is already specified in section 73.6.5 Pause

SuggestedRemedy

Delete line 26 ""Pause capability resolution is referenced in 28B.3"".

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.6.1 P138 L34 # 780
 Beck, Michael Alcatel Bell n.v.

Comment Type E Comment Status D

Current text reads:
 ""The selector field for 802.3 Backplane Ethernet is the following:""

This is not a good idea, as tables may float away from their original position in the text when final lay-out is done.

SuggestedRemedy

Replace quoted text with:
 ""The selector field for 802.3 Backplane Ethernet is shown in Table 73-3.""

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.6.2 P138 L45 # 18
 King, Iain

Comment Type E Comment Status X open

In the UK there is an alternative meaning to the word 'nonce' that may raise a few eyebrows when this standard is read (see <http://www.missingimages.com/thesweeney/dictionary.html>). It is unlikely, though, that there will be much chance of confusion, given the target audience.

On a more serious note, this term is not defined in section 1.

SuggestedRemedy

Consider an alternative term, and/or add a definition to section 1

Proposed Response Response Status O

CI 73 SC 73.6.3 P139 L04 # 280
 McClellan, Brett Solarflare

Comment Type E Comment Status D

typo

SuggestedRemedy

change ""enrty"" to ""entry""

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.6.3 P139 L04 # 238
 Dudek, Mike Picolight

Comment Type E Comment Status D

spelling

SuggestedRemedy

Change enrty to entry

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.6.4 P139 L17 # 718
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-145

English words should not be capitalized simply because their meaning is different from normal English usage.

SuggestedRemedy

Encoding
 ==>
 encoding

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.6.4 P139 L20 # 717
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-144
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.6.4 P139 L36 # 396
 Baumer, Howard Broadcom
 Comment Type E Comment Status D
 Case correction
 SuggestedRemedy
 Change "à (C0:C1) is encoded in bit D11:D10 à" to "à (C0:C1) are encoded in bits D11:D10 à"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.6.4 P139 L30 # 395
 Baumer, Howard Broadcom
 Comment Type E Comment Status D
 Resolve TBD
 SuggestedRemedy
 Remove "/TBD could be used either"
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.6.5 P139 L39 # 2
 Daines, Kevin
 Comment Type E Comment Status D
 ""Clause 28B"" should be ""Annex 28B""
 SuggestedRemedy
 see comment
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.6.4 P139 L31 # 283
 McClellan, Brett Solarflare
 Comment Type ER Comment Status D e
 ""The fields A[26:3] are Reserved/TBD could be used either for future expansion of new technologies for 802.3 Backplane Ethernet or additional parameters to be negotiated for 802.3ap Backplane Ethernet.""
 The TBD should have been removed going into draft 2.0.
 The field can't be both Reserved and TBD and used for additional parameters.
 SuggestedRemedy
 Change text to: ""The fields A[26:3] are Reserved.""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.6.5 P139 L42 # 3
 Daines, Kevin
 Comment Type E Comment Status D
 ""Clause 28B.2"" should be ""Annex 28B.2""
 SuggestedRemedy
 see comment
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.6.7 P140 L09 # 397
 Baumer, Howard Broadcom
 Comment Type E Comment Status D
 Redundant word
 SuggestedRemedy
 Change "à encoded in bit D14 of Link Code Word encoding." to "à encoded in bit D14 of the Link Code Word."
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.7.4.1 P141 L34 # 249
 Joergensen, Thomas Vitesse Semiconducto
 Comment Type E Comment Status D
 Duplicate text
 SuggestedRemedy
 Remove the following text starting on line 34: ""to allow 1000BASE-KX, 10GBASE-KX4 and 10GBASE-KR devices that have Auto-Negotiation disabled""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.6.8 P140 L23 # 398
 Baumer, Howard Broadcom
 Comment Type E Comment Status D
 Redundant word
 SuggestedRemedy
 Change "à encoded in bit D15 of Link Code Word encoding." to "à encoded in bit D15 of the Link Code Word."
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.7.4.1 P141 L34 # 619
 Ganga, Ilango Intel
 Comment Type E Comment Status D
 delete duplicate information on line 34
 SuggestedRemedy
 Delete the following construct from lines 34-35, ""to allow 1000BASE-KX, 10GBASE-KX, 10GBASE-KX4 and 10GBASE-KR devices that have Auto-Negotiation disabled""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.7.4 P141 L23 # 36
 Marris, Arthur
 Comment Type E Comment Status D
 Change ""discribed"" to ""described"".
 SuggestedRemedy
 Change ""discribed"" to ""described"".
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.7.4.1 P142 L02 # 622
 Ganga, Ilango Intel
 Comment Type ER Comment Status D e
 incorrect register description on line 2. The line 2 should read as follows, ""bit (45.2.7.2.3) in the AN Status register""
 SuggestedRemedy
 Correct page 142, line 2 to read as follows, ""bit (45.2.7.2.3) in the AN Status register""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.7.6 P142 L24 # 781
 Beck, Michael Alcatel Bell n.v.

Comment Type E Comment Status D

The current text contains the phrase ""the highest priority as defined below"".

This is not a good idea, as tables may float away from their original position in the text when final lay-out is done.

SuggestedRemedy

Replace quoted text with:
 ""the highest priority as defined in Table 73-5""

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.7.6 P142 L29 # 720
 David V James JGG

Comment Type ER Comment Status D caps

DVJ-147
 Capitalization within a clause or subclause title should be limited to the first word, as per the IEEE Style Guide.

SuggestedRemedy

Priority Resolution
 ==>
 Priority resolution

Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.

Will consult the publication editor and implement prior to sponsor ballot.

CI 73 SC 73.7.6 P142 L32 # 719
 David V James JGG

Comment Type ER Comment Status D e

DVJ-146
 Nonstandard table line widths

SuggestedRemedy

==> very thin in center
 ==> thin on edges of header and body

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.7.7 P143 L23 # 401
 Baumer, Howard Broadcom

Comment Type E Comment Status D

Missing "be"

SuggestedRemedy

Change "à Codes can transmitted à" to "à Codes can be transmitted à"

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.7.7 P143 L24 # 239
 Dudek, Mike Picolight

Comment Type E Comment Status D

incorrect grammar

SuggestedRemedy

Change ""Can transmitted"" to ""Can be transmitted""

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.7.7. P143 L24 # 51
 Claseman, George Micrel Semiconductor

Comment Type E Comment Status D

""can transmitted""

SuggestedRemedy

""can be transmitted""

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.8 P145 L08 # 540
 Dawe, Piers Agilent

Comment Type E Comment Status D

Management

SuggestedRemedy

management

Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.8.1 P145 L10 # 782
 Beck, Michael Alcatel Bell n.v.

Comment Type E Comment Status D

Table 73-6 is not cited in the text. Although this is no longer mandatory (a novelty in the 2005 edition of the Style Guide), it is still a good idea to do so, especially considering the fact that tables can float away from their original position in the text when the page lay-out is altered.

SuggestedRemedy

Cite Table 73-6 in the text.

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.8.1 P145 L18 # 721
 David V James JGG

Comment Type ER Comment Status D e

DVJ-148
 Nonstandard table line widths

SuggestedRemedy

==> very thin in center
 ==> thin on edges of header and body

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.9.1 P148 L38 # 52
 Claseman, George Micrel Semiconductor

Comment Type E Comment Status D

""Mancehster""

SuggestedRemedy

""Manchester""

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.9.1 P148 L38 # 17
 King, Iain

Comment Type E Comment Status D

Typo 'Mancehster'

SuggestedRemedy

Change to 'Manchester'

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.9.1 P150 L19 # 41
 Claseman, George Micrel Semiconductor

Comment Type E Comment Status D

""Auto-Negotiaion""

SuggestedRemedy

""Auto-Negotiation""

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.9.1 P151 L19 # 53
 Claseman, George Micrel Semiconductor

Comment Type E Comment Status D

""an DME page""

SuggestedRemedy

""a DME page""

Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.9.2 P152 L53 # 42
 Claseman, George Micrel Semiconductor

Comment Type E Comment Status D

""or or""

SuggestedRemedy

""or""

Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.9.2 P152 L54 # 43
 Claseman, George Micrel Semiconductor
 Comment Type E Comment Status D
 ""or or""
 SuggestedRemedy
 ""or""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.9.4 P155 L01 # 602
 Booth, Brad Intel
 Comment Type ER Comment Status D e
 The TDI is located in the wrong place. It is in the middle of the state machine variables and diagrams.
 SuggestedRemedy
 Move TDI from 73.9.4 to be 73.9. Move the State diagrams and variable definitions to be 73.10.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.9.2 P153 L45 # 54
 Claseman, George Micrel Semiconductor
 Comment Type E Comment Status D
 ""withthe""
 SuggestedRemedy
 ""with the""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.9.5 P157 L05 # 544
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 There's room to make the font in figure 73-8 more readable.
 SuggestedRemedy
 Please make the font in figure 73-8 bigger.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will try

CI 73 SC 73.9.2 P154 L08 # 722
 David V James JGG
 Comment Type ER Comment Status D e
 DVJ-149
 Nonstandard table line widths
 SuggestedRemedy
 ==> very thin in center
 ==> thin on edges of header and body
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC 73.9.5 P158 L # 44
 Claseman, George Micrel Semiconductor
 Comment Type E Comment Status D
 multipel lines: Some text is covered by connecting arrows.
 SuggestedRemedy
 Reposition as needed.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

IEEE P802.3xx draft Y.Z Comments

CI 73 SC 73.9.5 P158 L # 45
 Claseman, George Micrel Semiconductor
 Comment Type E Comment Status D
 Multipel lines: ""start_clock_detect_min_timer"" , ""start_clock_detect_max_timer""
 SuggestedRemedy
 ""Start clock_detect_min_timer"" , ""Start clock_detect_max_timer""
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC Figure P159 L01 # 11
 Daines, Kevin
 Comment Type ER Comment Status D e
 Entries to states should be from the top rather than the bottom or side.
 Exits from states should be from the bottom rather than the top or side.
 SuggestedRemedy
 Per comment
 Consider aliases to help with space constraints.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 73 SC Figure 73-10 P159 L44 # 408
 Baumer, Howard Broadcom
 Comment Type E Comment Status X open
 ability_match_wordability_match is not defined nor is it used anywhere.
 SuggestedRemedy
 Either define ability_match_wordability_match or delete it or if it is actually ability_match
 then replace it with ability_match
 Proposed Response Response Status O

CI 73 SC Figure 73-8 P157 L21 # 10
 Daines, Kevin
 Comment Type ER Comment Status D e
 Entries to states should be from the top rather than the bottom or side.
 Exits from states should be from the bottom rather than the top or side.
 SuggestedRemedy
 Per comment
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 99 SC 30 P14 L35 # 594
 Booth, Brad Intel
 Comment Type E Comment Status D
 Place each clause and annex heading at the start of a new page to improve readability.
 SuggestedRemedy
 As per comment.
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will do for Clause 45 and up. For clauses 1 to 44 the editor was told to remove the empty
 white spaces.

CI 99 SC 31B P60 L13 # 659
 David V James JGG
 Comment Type ER Comment Status D caps
 DVJ-48
 Capitalization within a clause or subclause title should be limited to the first word, as per
 the IEEE Style Guide.
 SuggestedRemedy
 Round-Trip Delay Constraints
 ==>
 Round-trip delay constraints
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Will consult the publication editor and implement prior to sponsor ballot.

IEEE P802.3xx draft Y.Z Comments

CI 99 SC 99 P L # 591
Booth, Brad Intel

Comment Type E Comment Status D
Clause and subclause naming should use lowercase after the first word, except for acronyms.

SuggestedRemedy
Check capitalization and fix.

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 99 SC 99 P L # 586
Booth, Brad Intel

Comment Type E Comment Status D
Editing instructions seem to be indented or centered.

SuggestedRemedy
Editing instructions should be left justified with no indent.

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 99 SC 99 P1 L02 # 593
Booth, Brad Intel

Comment Type E Comment Status D
IEEE Std. 802.3-20xx can be named 2005.

SuggestedRemedy
Change 20xx to be 2005 through document.

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 99 SC 99 P1 L10 # 192
Grow, Robert Intel

Comment Type E Comment Status D
This is not a revision.

SuggestedRemedy
Change ""Revision"" to ""Amendment"", or simply make the line read ""Draft"".

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 99 SC 99 P1 L30 # 191
Grow, Robert Intel

Comment Type E Comment Status D
Title page needs to be updated.

SuggestedRemedy
1. Update per new IEEE editor approved format (available from WG Chair)
2. Add keywords
3. Style guide mandates slightly different copyright statement.

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 99 SC 99 P1 L31 # 452
Dawe, Piers Agilent

Comment Type E Comment Status D
Should be based on P802.3REV3am/D2.2.

SuggestedRemedy
Change the 'P802.3REVam/D2.1' to 'P802.3REVam/D2.2' here on p1, but also check that the draft really is based on P802.3REVam/D2.2.

Proposed Response Response Status W
PROPOSED ACCEPT.

CI 99 SC 99 P11 L # 195
Grow, Robert Intel

Comment Type E Comment Status D
Table of Figures and Table of Tables are not generally included in IEEE documents and are not included in Std 802.3.

SuggestedRemedy
Verify with IEEE publication editor if this will continue to be the case for IEEE Std 802.3-2005 and make this document consistent.

Proposed Response Response Status W
PROPOSED ACCEPT IN PRINCIPLE.

Table of Figures and Table of Tables will be removed in harmony with .3am.

IEEE P802.3xx draft Y.Z Comments

CI 99 SC 99 P12 L 50 # 125
 John, D'Ambrosia
 Comment Type E Comment Status D
 formatting errors - looks like return was added after word ""to""
 SuggestedRemedy
 correct
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 99 SC 99 P2 L # 194
 Grow, Robert Intel
 Comment Type ER Comment Status D
 Add front matter prior to Sponsor ballot.
 SuggestedRemedy
 To be provided by WG Chair.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 99 SC 99 P2 L 01 # 453
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 The table of symbols is still useful - platform and font issues are not quite things of the past. You have a (D1.0) blank page doing nothing useful here anyway!
 SuggestedRemedy
 Insert the table of symbols - make sure you get the most up-to-date one. Compare .3an and .3aq.
 Proposed Response Response Status W
 PROPOSED ACCEPT.

CI 99 SC 99 P3 L 01 # 454
 Dawe, Piers Agilent
 Comment Type E Comment Status D
 Capitals to search out and cut down to size
 SuggestedRemedy
 Table of contents
 Table of figures
 Table of tables
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 Table of figures and Table of tables will be removed.

CI 99 SC 99 P6 L 29 # 122
 John, D'Ambrosia
 Comment Type E Comment Status D
 formatting errors - indent of 2nd line and page number
 SuggestedRemedy
 correct
 Proposed Response Response Status W
 PROPOSED ACCEPT IN PRINCIPLE.
 The "Table of content", "List of figures" and "List of tables" are not part of this document. The editor has added the templates for informational purposes only.