

IEEE P802.3an D4.0 10GBASE-T Comments

Cl 00 SC 0 P L # 3
 THALER, PATRICIA A Individual

Comment Type G Comment Status D

I would like to add my support to Hugh Barrass's comment on the suitability of MyBallot. In addition, I find that MyBallot is even more unacceptable as a tool on recirculation to view the comments of disapprove voters. The formats presented for viewing the comments either require to click on each comment and back to review it or present the comment in an unviewably wide multi-column format with the heavy text fields in narrow columns with a few words per line. Required comments are mixed in with trivial editorial comments with no way to sort for a reasonable view.

SuggestedRemedy

My ballot needs to allow for providing a comment report document with viewable versions of the comments similar to that used by IEEE 802.3 groups during working group ballots. This allows a reviewer to go over the comments in the order they apply to the draft in a readable, browse-able, easily searched format.

Proposed Response Response Status W

PROPOSED REJECT.

Changes to MyBallot are out of the scope of this project.

This comment has been forwarded by the working group chair/vice-chair to the MyBallot staff.

Cl 45 SC 45.2.7 P 51 L 44 # 1
 MARRIS, ARTHUR Individual

Comment Type E Comment Status D

The entries on lines 44 and 47 in table 45-117 need to be deleted. 7.17 through 7.18 is part of the AN advertisement register. 7.20 through 7.21 is part of the AN LP pase page ability register.

SuggestedRemedy

In table 45-117 delete:

7.17 through 7.18 Reserved

7.20 through 7.21 Reserved

Proposed Response Response Status W

PROPOSED REJECT.

These specific register bits are being held in reserve for use by other ongoing active projects for the standard they are drafting. As it stands now, on one line we say 7.17 and 7.18 are listed as reserved for AN advertisement, and in another place we just say they are Reserved. The reality is that they are reserved for future AN advertisement for the other project.

It is not essential for us to make this change now since 10GBASE-T will be published first, and we are not using those registers, and the other project (backplane) will, in any case, have to amend the description of these registers when they are published.

Having said that, we will however pass this comment on to the publication editor for consideration prior to publication with the following instructions:

Publication editor:

Please consider deleting the rows in table 45-117 corresponding to:

7.17 through 7.18

7.20 through 7.21

prior to publication of the standard as these register bits will be defined by other ongoing projects that will complete after 10GBASE-T

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Cl 45 SC 45.2.7.2.2 P 53 L 53 # 4
MARRIS, ARTHUR Individual

Comment Type T Comment Status D

Is it really the local devices advertisement register that is valid when bit 7.1.6 is set for the first time?

SuggestedRemedy

Consider changing 'register 7.16' to 'the AN LP base page ability register 7.19-7.21'

Proposed Response Response Status W

PROPOSED REJECT.

This comment is out of the scope of this recirculation.

The text as it stands is inelegant and the suggested remedy would make the text clearer however the change is being deferred. It can be handled by 802.3ap - a comment to do this has already been submitted by the commenter, who is the editor for clause 45 for 802.3 ap, to do make this change in that project. Alternatively, it can be deferred to a maintenance round after 10GBASE-T is published.

It is being deferred because:

- a) the text, as it stands, does not have a technical error and
- b) the validity of 7.19 is covered by text in 45.2.7.6 as well as by the requirements on the equivalent register bit in Clause 28.

See attached text from Brett McClellan/Todd Thompson for a more detailed description on (b).

Cl 55 SC 55.1.3 P 79 L 57 # 2
TELLADO, JOSE Individual

Comment Type E Comment Status D

Based on information provided by Gottfried Ungerboeck on an early reference to DSQ type constellations:

SuggestedRemedy

Add an additional reference to Annex A in the section listing informative additional reference material (page 69, after line 17):

[Bxampm] Ungerboeck, G., "Channel coding with multilevel/phase signals", IEEE Transactions on Information Theory, Vol. 28. pp. 55-67, Jan. 1982.

Also modify the change instructions on lines 9-10 to read:

Insert the following informative references in alphabetic order, changing the xD_2 in [BxD_2], the xampm in [Bxampm] and the xldpc in [Bxldpc] to be the appropriate numbers. Renumber subsequent references.

Append the following text to the footnote on page 79:

DSQ constellations have previously been introduced under the name "AMPM" (See [Bxampm], p. 57, for examples of 8 point and 32 point AMPM/DSQ constellations).

Proposed Response Response Status W

PROPOSED REJECT.

This comment requests addition of another reference in the informative additional reference section of Annex A. The change requested by this comment does not in any way affect the products that will be defined in accordance with this standard.

This comment will be passed on to the publication editor for consideration prior to publication.

Publication editor:

Please consider the suggested remedy for incorporation prior to publication of this standard.