Cl **00**   *SC*   *P*   *L*   # 269
Diab, Wael   Broadcom

Comment Type   **T**   *Comment Status* **X**
The term group is defined in 802.3 1.4.181. The definition here refers to 802.3 but redifines the term

SuggestedRemedy
Reference the definition in 802.3 with the section number and only add what pertains to 802.3.1

Proposed Response   *Response Status* **O**

Cl **00**   *SC*   *P***15**   *L***28**   # 241
Thompson, Geoff   GraCaSI

Comment Type   **ER**   *Comment Status* **X**
In editors note the reference to the 802.1 draft is not fo the appropriate form

SuggestedRemedy
Change to correct form per Style Manual: IEEE P802.1AB...

Proposed Response   *Response Status* **O**

Cl **00**   *SC*   *P***17**   *L***60**   # 244
Thompson, Geoff   GraCaSI

Comment Type   **ER**   *Comment Status* **X**
Remove this reference. The RFC doesn't apply to this work.

SuggestedRemedy
The RFC will probably be useful when soliciting an LoA from HP

Proposed Response   *Response Status* **O**

Cl **00**   *SC*   *P***20**   *L*   # 247
Thompson, Geoff   GraCaSI

Comment Type   **E**   *Comment Status* **X**
Blank page

SuggestedRemedy
Please delete excess blank pages.

Proposed Response   *Response Status* **O**

Cl **00**   *SC*   *P***22**   *L*   # 248
Thompson, Geoff   GraCaSI

Comment Type   **E**   *Comment Status* **X**
Blank page
(also page 30)

SuggestedRemedy
Please delete excess blank pages.

Proposed Response   *Response Status* **O**

Cl **00**   *SC*   *P***3**   *L***10**   # 285
Grow, Robert   Intel

Comment Type   **ER**   *Comment Status* **X**
Need introduction prior to Sponsor Ballot. Other suggestions noted below.

SuggestedRemedy
WG Chair needs to provide. I'm sure the WG Chair will highlight how 802.3.1 supports management of Ethernet as defined in IEEE Std 802.3-2008, as amended by 802.3bc (ballot announcement isn't a bad start). Include Downloads section (page iv) perhaps with a stronger than typical reference for downloadable modules, (don't just cut and paste the one from 802.3). It will be individually balloted (page v). SASB information (page vi) is obsolete, publication editor should fix (not worth correcting now unless we are very confident of approval this year).

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **00**
SC

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Cl **00**   *SC* **0**   *P*   *L*   # 297
Ganga, Ilango   Intel

Comment Type **TR**   *Comment Status* **X**

Coordinate the changes to managed objects specified in other 802.3 amendment projects that are already in sponsor ballot (for example P802.3az and P802.3bd)
These 802.3 amendments may be approved before P802.3.1 and hence the changes may impact P802.3.1 document.

SuggestedRemedy

As per comment

Proposed Response   *Response Status* **O**

Cl **00**   *SC* **0**   *P*   *L*   # 282
Grow, Robert   Intel

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

Were almost there, but still have some inconsistent capitalization and usage of terms within the amendment for EEE's most significant capability -- LPI. It seems the most consistent uses are that EEE is the general function or capability, LPI is something signaled within a DTE or to a link partner, which can cause a device to enter LPI mode. Suggested edits are based on these assumptions. (If they are wrong, then different edits would be required and perhaps to locations other than those suggested.)

SuggestedRemedy

p,13,l.20 - should be "Low Power Idle (LPI)" [delete Mode]
p.14,l.30 - should be "Low Power Idle A signal sent to request entry into a power save mode, that may be ..."
p.31,l.35 - "... through the signaling of Low Power Idle ..."
p.50,l.25 - "with Low Power Idle (LPI) mode."
p.154,l.44 -

Proposed Response   *Response Status* **Z**

This comment was WITHDRAWN by the commenter.

Cl **00**   *SC* **0**   *P*   *L*   # 212
Anslow, Peter   Ciena

Comment Type **E**   *Comment Status* **X**

It would be helpful to make all references to other parts of this document links.

SuggestedRemedy

Make links:
Page 89, line 22 "Clause 9"
Page 164, line 37 "Clause 14" and "Clause 11"
Page 168, lines 42, 45, 48, 54 "Clause 11"
Page 173, lines 48, 51 "Clause 14"
Page 174, line 6 "Clause 7"
Page 222, line 18 "Clause 13"
Page 222, lines 51, 53 "Clause 14"
Page 225, lines 18, 58 "Clause 14"
Page 257, line 26 "Clause 7" and "Clause 10"
Page 323, line 20 "Clause 14" (space missing afterwards)
Page 325, line 60 "Clause 14"
Page 330, line 26 "Annex 13A"
Page 352, lines 33, 48 "Clause 11"
Page 352, lines 37, 48 "Clause 13"
Page 352, line 57 "Clause 8"

Proposed Response   *Response Status* **O**

Cl **00**   *SC* **0**   *P*   *L*   # 206
Anslow, Peter   Ciena

Comment Type **E**   *Comment Status* **X**

There are 13 instances of the word "memo" in the draft. For example in 7.4 is "The Ethernet OAM MIB objects of this memo focus on ..."
What memo?

SuggestedRemedy

Change "memo" to "Clause" or other appropriate word for these 13 ocurrences.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **00**
SC **0**

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Cl **00**   *SC* **0**   *P*   *L*   # 215

Anslow, Peter   Ciena

Comment Type **E**   *Comment Status* **X**

It would be helpful if all table titles for tables that split across pages included "(continued)" in the second and subsequent instances.

SuggestedRemedy

For all tables that are split across pages add (continued) after the title on all but the first instance. This can be done by:

Place the cursor at the end of table title on first page. Then click Special and Variable from the pulldown menu. Then insert "Table Continuation" variable. This will add the (continued) on subsequent pages.

Proposed Response   *Response Status* **O**

Cl **00**   *SC* **0**   *P*   *L*   # 237

Thompson, Geoff   GraCaSI

Comment Type **ER**   *Comment Status* **X**

In general this draft does not appear to have the level of refinement we have come to expect of drafts forwarded to Working Group Ballot in 802.3.

SuggestedRemedy

The entire draft should remain open to comment for at least the next recirculation

Proposed Response   *Response Status* **O**

Cl **00**   *SC* **0**   *P*   *L*   # 264

Diab, Wael   Broadcom

Comment Type **E**   *Comment Status* **X**

Suggest changing "Editor's note" to say "Editor's note to be removed prior to publication"

SuggestedRemedy

see comment

Proposed Response   *Response Status* **O**

Cl **00**   *SC* **0**   *P* **0**   *L* **0**   # 123

Romascanu, Dan   Avaya

Comment Type **ER**   *Comment Status* **X**

I could not figure out the logic of the order of the inclusion of the MIB modules. Maybe it is explained some place and I missed it.

SuggestedRemedy

As this order will probably stay with the evolution of the document I would suggest to follow the order of the development of the MIB modules - Ethernet Interfaces, Repeater, MAU, PoE, EPON, EFM, WAN, LLDP.

Proposed Response   *Response Status* **O**

Cl **00**   *SC* **0**   *P* **0**   *L* **0**   # 3

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of reserved words:
IEEE style does not require reserved words such as "SHALL", "SHOULD", etc. to be capitalized.

SuggestedRemedy

Search for all instances of the reserved words "MUST", "MUST NOT", 'REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" and convert to lowercase, upright font.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **00**
SC **0**

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Cl **00**   *SC* **0**   *P* **1**   *L* **1**   # 1

Frazier, Howard   Broadcom Corp

Comment Type **ER**   *Comment Status* **X**

From Michelle Turner IEEE-SA editor, via informal editorial coordination:

All copyright permission for excerpted text, tables, and figures shall be submitted to the IEEE prior to the start of ballot. If there are missing permission response letters, please submit them immediately to me (m.d.turner@ieee.org).

Prior to sending them to me, please ensure that the following are included in each response letter you obtain from the copyright owner:
"The permission response is on company letterhead (where applicable) or the original email from the copyright owner should be forwarded to me if the individual is the copyright owner (rather than a company)
"Permission has to be granted
"Non-exclusive, irrevocable, royalty free permission and require world rights for use of the material in the standard (either modified or unmodified, as requested by you)
"To modify and reprint in all future revisions and editions of the standard
"For use in all media known or hereinafter known

Sample permission request and response letters are available at the following Internet location:

<http://standards.ieee.org/guides/style/index.html>.

The following items indicate the need for copyright permission letters:
Excerpted text in x.x.
Table X
Figure X
Reproduced document in Annex X

SuggestedRemedy

Remedy from Howard:

Copyright permission letters are being sought from the RFC authors and the IETF Trust.

Proposed Response   *Response Status* **O**

Cl **00**   *SC* **0**   *P* **1**   *L* **1**   # 2

Frazier, Howard   Broadcom Corp

Comment Type **ER**   *Comment Status* **X**

From Michelle Turner IEEE-SA editor, via informal editorial coordination:

If the draft contains a registration of objects (for additional information, visit the IEEE Standards Web site <http://standards.ieee.org/regauth/index.html>), the working group shall submit the document to the IEEE Registration Authority (IEEE-RA) for mandatory coordination (submit to a.n.weaver@ieee.org for review). The text containing the registration information should be highlighted in the draft and the clause should be noted in the email. If the working group believes that the draft may potentially contain a registration of objects or if the working group would like information about setting up a registration, contact the IEEE-RA as early as possible to prevent a delay in approval by the IEEE-SA Standards Board. Search on the following words: object identifier, unique identifier, and assignment of unique numbers.

SuggestedRemedy

Remedy from Howard:
Not Applicable. IEEE 802.3 already has an OID assignment, and all of the registered objects in the draft will be made under this assignment, except for those controlled by IANA.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **00**
SC **0**

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Cl **00**   *SC* **0**   *P* **14**   *L* **1**   # 277

Grow, Robert   Intel

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

Problems with base boilerplate?

These are changes, not revisions as indicated in the title.

The EDITORIAL NOTE is mostly redundant with the first paragraph of the following NOTE. My recommendation is to simply add a sentence describing the source of base text to the first paragraph of the NOTE and to eliminate the EDITORIAL NOTE (the first sentence of which uses the archaic term suplement and refers to our standard as a draft).

Though a useful convention, the use of dark blue for a cross reference external to the amendment, color (last time I checked) couldn't be used to have any significance in publication.

SuggestedRemedy

Line 1 -- Changes to IEEE Std 802.3-2008

Line 4 -- Delete EDITORIAL NOTE

Line 8 -- Insert new sentence at end of paragraph: "Unless otherwise indicated in the editing instruction, the base text in this amendment is from IEEE Std 802.3-2008."

It would be useful to have a determination from IEEE publication staff on what to do about the problem of external references (one more thing that would not have to be worried about if amendments and corrigenda were be published as editions rather than separately published).

Proposed Response   *Response Status* **Z**

This comment was WITHDRAWN by the commenter.

Cl **00**   *SC* **0**   *P* **473**   *L* **52**   # 126

Maguire, Valerie   Siemon

Comment Type **T**   *Comment Status* **X**

1000BASE-T is supported by UTP and screened/shielded twisted-pair cabling.

SuggestedRemedy

Delete "UTP"

Proposed Response   *Response Status* **O**

Cl **00**   *SC* **0**   *P* **473**   *L* **53**   # 127

Maguire, Valerie   Siemon

Comment Type **T**   *Comment Status* **X**

Full duplex 1000BASE-T is supported by UTP and screened/shielded twisted-pair cabling.

SuggestedRemedy

Delete "UTP"

Proposed Response   *Response Status* **O**

Cl **00**   *SC* **0**   *P* **482**   *L* **24**   # 128

Maguire, Valerie   Siemon

Comment Type **T**   *Comment Status* **X**

10BASE-T, 10BASE-THD, and 10BASE-TFD are supported by UTP and screened/shielded twisted-pair cabling.

SuggestedRemedy

Delete "UTP" in lines 24, 26, and 27.

Proposed Response   *Response Status* **O**

Cl **00**   *SC* **0**   *P* **482**   *L* **39**   # 129

Maguire, Valerie   Siemon

Comment Type **T**   *Comment Status* **X**

100BASE-T4, 100BASE-TX, 100BASE-TXHD, and 100BASE-TXFD are supported by UTP and screened/shielded twisted-pair cabling.

SuggestedRemedy

Delete "UTP" in lines 39, 40, 43, and 45

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **00**
SC **0**

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Cl **00** *SC* **0**   *P* **482** *L* **56**   # 130

Maguire, Valerie   Siemon

Comment Type **T** *Comment Status* **X**

100BASE-T2, 100BASE-T2HD, and 100BASE-T2FD are supported by UTP and screened/shielded twisted-pair cabling.

SuggestedRemedy

Delete "UTP" in lines 56, 58, and 61

Proposed Response *Response Status* **O**

Cl **00** *SC* **0**   *P* **483** *L* **43**   # 131

Maguire, Valerie   Siemon

Comment Type **T** *Comment Status* **X**

1000BASE-T, 1000BASE-THD, and 1000BASE-TFD are supported by UTP and screened/shielded twisted-pair cabling.

SuggestedRemedy

Delete "UTP" in lines 43, 46, and 48

Proposed Response *Response Status* **O**

Cl **01** *SC* **1.1**   *P* **15** *L* **41**   # 133

Dawe, Piers   IPtronics

Comment Type **TR** *Comment Status* **X**

"MIB modules formerly specified within IEEE Std 802.3" reminds us that we need a statement of what is to be deleted from 802.3 (and anywhere else?) after this draft becomes a standard.

SuggestedRemedy

Add clear and enduring statements (not just editor's notes saying "copied from X") detailing exactly what this document supersedes, replaces or deprecates. Perhaps a table here and text near the beginning of each clause.

Proposed Response *Response Status* **O**

Cl **01** *SC* **1.3**   *P* **16** *L* **1**   # 132

Dawe, Piers   IPtronics

Comment Type **TR** *Comment Status* **X**

What do you mean by "Managed objects"?

SuggestedRemedy

In particular, add a definition for "object" as used in this document.

Proposed Response *Response Status* **O**

Cl **01** *SC* **1.3**   *P* **16** *L* **6**   # 286

Grow, Robert   Intel

Comment Type **ER** *Comment Status* **X**

'this memo'???

SuggestedRemedy

It this standard, or or if refering to SMI needs a less ambiguous reference to the first sentence. Search on memo (13 occurances) and make appropriate changes for context.

Proposed Response *Response Status* **O**

Cl **01** *SC* **1.3**   *P* **16** *L* **6**   # 231

Law, David   3Com

Comment Type **ER** *Comment Status* **X**

Where there are references to IETF standards and RFC the designation should be proceeded by 'IETF', some examples are give below. I also don't think there should be the square bracketed version of the designation afterwards which I think was an IETF style bibliography reference.

SuggestedRemedy

'.. STD 58 ..' should read '.. IETF STD 58 ..'.
'.. RFC 2578 [RFC2578] ..' should read '.. IETF RFC 2578 ..'.

Proposed Response *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **01**
SC **1.3**

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Cl **01**   *SC* **1.3**   *P* **16**   *L* **6**   # 232

Law, David   3Com

Comment Type **E**   *Comment Status* **X**

Suggest that 'This memo specifies a MIB module ..' should read 'This standard specifies a MIB module ..'.

SuggestedRemedy

See comment.

Proposed Response   *Response Status* **O**

Cl **01**   *SC* **1.4**   *P* **14**   *L* **30**   # 278

Grow, Robert   Intel

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

Unlike some other modes, Low Power Idle Mode is defined for a liited set of PHY types. Need to say so.

SuggestedRemedy

An optional mode defined for selected PHY types intended ...

Proposed Response   *Response Status* **Z**

This comment was WITHDRAWN by the commenter.

Cl **01**   *SC* **1.4**   *P* **16**   *L* **10**   # 263

Diab, Wael   Broadcom

Comment Type **E**   *Comment Status* **X**

Section 1.4 uses caps for RECOMMENDED and NOT RECOMMENDED throughout. I do not think its stylistically correct to do that. I also believe that the style manual uses the word should: "should equals is recommended that"

SuggestedRemedy

Use the word should instead of RECOMMENDED and do not capitalize the entire word

Proposed Response   *Response Status* **O**

Cl **01**   *SC* **1.4**   *P* **16**   *L* **10**   # 124

Romascanu, Dan   Avaya

Comment Type **TR**   *Comment Status* **X**

I do not think that the generic security considerations section 1.4 serves any useful purpose, as all relevant information is to be found in the specific security considerations sections for each MIB module.

SuggestedRemedy

I suggest to take it out.

Proposed Response   *Response Status* **O**

Cl **01**   *SC* **1.4**   *P* **16**   *L* **13**   # 254

Bennett, Michael   LBNL

Comment Type **E**   *Comment Status* **X**

In the sentence Even if the network itself is secure (for example by using IPSec), even then, ...

"even then" adds no value to the sentence.

SuggestedRemedy

Remove the words "even then,"

Proposed Response   *Response Status* **O**

Cl **01**   *SC* **1.4**   *P* **16**   *L* **17**   # 242

Thompson, Geoff   GraCaSI

Comment Type **ER**   *Comment Status* **X**

It seems that the terms "RECOMMENDED" and "NOT RECOMMENDED" are being used in the IETF sense rather than according to IEEE usage.

SuggestedRemedy

There should probably be a note explaining that.
I noticed such a not later in the draft. It needs to be moved forward.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **01**
SC **1.4**

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Cl **01**   *SC* **1.4**   *P* **16**   *L* **35**   # 4
Frazier, Howard   Broadcom Corp

Comment Type   **T**   *Comment Status* **X**
   Use of "must".
   It appears that the usage is correct in this case.

SuggestedRemedy
   Leave it as is.

Proposed Response   *Response Status* **O**

Cl **01**   *SC* **1.4**   *P* **16**   *L* **42**   # 255
Bennett, Michael   LBNL

Comment Type   **E**   *Comment Status* **X**
   Not to pick on the word "even", but I don't see the value added by using "even" in the
   sentence.

SuggestedRemedy
   remove the "even"s so the sentence reads:

   In such environments it is important to control GET and NOTIFY access to these objects
   and possibly encrypt their values when sending them over the network via SNMP.

Proposed Response   *Response Status* **O**

Cl **02**   *SC*   *P* **17**   *L*   # 268
Diab, Wael   Broadcom

Comment Type   **T**   *Comment Status* **X**
   Some of these references seem pretty dates. Im curious if we should go through and see if
   these documents still exist and/or if they have been updated.

SuggestedRemedy
   See comment

Proposed Response   *Response Status* **O**

Cl **02**   *SC*   *P* **17**   *L* **20**   # 287
Grow, Robert   Intel

Comment Type   **TR**   *Comment Status* **X**
   If this was included because the patents were considered essential, we should probably
   contact PatCom.

SuggestedRemedy
   Refer question to PatCom on listing of patents.

Proposed Response   *Response Status* **O**

Cl **02**   *SC*   *P* **17**   *L* **20**   # 243
Thompson, Geoff   GraCaSI

Comment Type   **ER**   *Comment Status* **X**
   References to particular patents imply an IEEE acknowledgement of essentiality.

SuggestedRemedy
   The reference to HP patents needs to be removed. LoAs need to be solicited

Proposed Response   *Response Status* **O**

Cl **02**   *SC*   *P* **17**   *L* **25**   # 288
Grow, Robert   Intel

Comment Type   **T**   *Comment Status* **X**
   Consider undated reference to the 802 standards we expect to track. It would be better
   with the introductory text we use in 802.3, than the standard text if dated references are
   retained.

SuggestedRemedy
   Make Std 802, Std 802.1D and Std 802.3 undated.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **02**
SC

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Cl **02**   *SC*   *P* **17**   *L* **57**   # 289
Grow, Robert   Intel

Comment Type   **ER**   *Comment Status* **X**
Has WG Chair sent an LOA request for these patents?

SuggestedRemedy
I'd retain the reference unless PatCom indicates a received LOA supercedes the RFC.

Proposed Response   *Response Status* **O**

Cl **02**   *SC* **0**   *P* **17**   *L* **11**   # 76
Frazier, Howard   Broadcom Corp

Comment Type   **ER**   *Comment Status* **X**
From Michelle Turner IEEE-SA editor, via informal editorial coordination:

ANSI T1.424-2004 is cited in the Normative reference clause, however when cited in text it
is cited as T1.424 (which isn't a big deal, because during editing we would correct it to
ANSI T1.424). But when used in text it's not dated. If the intent is to use the latest version
of the document, then the date should be left off in Clause 2 as well.

SuggestedRemedy
Remedy from Howard:
When in doubt, used the dated reference, I always say.

Proposed Response   *Response Status* **O**

Cl **02**   *SC* **0**   *P* **17**   *L* **19**   # 74
Frazier, Howard   Broadcom Corp

Comment Type   **ER**   *Comment Status* **X**
From Michelle Turner IEEE-SA editor, via informal editorial coordination:

Hewlett-Packard Company, US Patents 5,293,635 and 5,421,024 is cited in the Normative
reference clause. When Patents are cited it should be cited under the names of the
creators and dated by the year of the filing. Here is a sample taken from Chicago:

Petroff, M. D., and M. G. Stapelbroek. 1980. Blocked impurity band detectors. US Patent
4,568,960, filed Oct. 23, 1980, and issued Feb. 4, 1986.

SuggestedRemedy
Remedy from Howard
Reformat reference to patent per comment.

Proposed Response   *Response Status* **O**

Cl **02**   *SC* **0**   *P* **17**   *L* **29**   # 77
Frazier, Howard   Broadcom Corp

Comment Type   **ER**   *Comment Status* **X**
From Michelle Turner IEEE-SA editor, via informal editorial coordination:

IEEE Std 802.1D-2004, is cited in the Normative reference clause, however when cited in
text it is cited as 802.1D (which isn't a big deal, because during editing we would correct it
to IEEE Std 802.1D). But when used in text it's not dated. If the intent is to use the latest
version of the document, then the date should be left off in Clause 2 as well.

SuggestedRemedy
Remedy from Howard:
In this case, I think the reference should be dateless in Clause 2, because we always want
to refer to the latest version of 802.1D

Proposed Response   *Response Status* **O**

Cl **02**   *SC* **0**   *P* **17**   *L* **39**   # 78
Frazier, Howard   Broadcom Corp

Comment Type   **ER**   *Comment Status* **X**
From Michelle Turner IEEE-SA editor, via informal editorial coordination:

IETF RFC 1157, IETF RFC 1573, IETF 1905, IETF RFC 1988, and IETF RFC 2026 are not
cited in text. Are they cited in the separate MIBs? If not, they will need to be cited in text if
they are needed for the implementation of the standard, if not move to the bibliography.

SuggestedRemedy
Remedy from Howard:
Move them to the bibliography.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **02**
SC **0**

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Cl **02**   *SC* **0**   *P* **17**   *L* **8**   # 75

Frazier, Howard   Broadcom Corp

Comment Type **ER**   *Comment Status* **X**

From Michelle Turner IEEE-SA editor, via informal editorial coordination:

ANSI T1.231-1997 is cited in the Normative reference clause, however when cited in text it is cited as T1.231 (which isn't a big deal, because during editing we would correct it to ANSI T1.231). But when used in text it's not dated. If the intent is to use the latest version of the document, then the date should be left off in Clause 2 as well.

SuggestedRemedy

Remedy from Howard:
When in doubt, used the dated reference, I always say.

Proposed Response   *Response Status* **O**

Cl **02**   *SC* **2**   *P* **17**   *L* **39**   # 233

Law, David   3Com

Comment Type **E**   *Comment Status* **X**

I don't see a normative reference to IETF RFC 1157, Simple Network Management Protocol, Case, J., Fedor, M., Schoffstall, M., and J. Davin, May 1990 in the body of the draft.

The same seems to be true for:

[1] IETF RFC 1573, Evolution of the Interfaces Group of MIB-II, McCloghrie, K., and F. Kastenholz, January 1994.

[2] IETF RFC 1905, Protocol Operations for version 2 of the Simple Network Management Protocol (SNMPv2), Case, J., McCloghrie, K., Rose, M., and S. Waldbusser, January 1996.

[3] IETF RFC 1988, Conditional Grant of Rights to Specific Hewlett-Packard Patents In Conjunction With the Internet Engineering Task Force's Internet-Standard Network Management Framework, McAnally, G., Gilbert, D., and J. Flick, August 1996.

[4] IETF RFC 2026, The Internet Standards Process - Revision 3, Bradner, S., October 1996.

[5]

SuggestedRemedy

If there is no normative reference these should be moved to the bibliography.

Proposed Response   *Response Status* **O**

Cl **03**   *SC*   *P*   *L*   # 267

Diab, Wael   Broadcom

Comment Type **ER**   *Comment Status* **X**

It would be helpful if this section was enumerated with sub sections and it was sorted in alphabetical order, especially for future revisions

SuggestedRemedy

Per comment

Proposed Response   *Response Status* **O**

Cl **03**   *SC*   *P* **19**   *L* **11**   # 292

Grow, Robert   Intel

Comment Type **E**   *Comment Status* **X**

Superflous period.

SuggestedRemedy

Delete

Proposed Response   *Response Status* **O**

Cl **03**   *SC*   *P* **19**   *L* **20**   # 274

Grow, Robert   Intel

Comment Type **T**   *Comment Status* **X**

Group is not used uniquely in the draft. It is used as defined here and also for MIB groups (OAM module).

SuggestedRemedy

Either delete or define for both contexts.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **03**
SC

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Cl **03**   *SC*   *P* **19**   *L* **20**   # 293

Grow, Robert   Intel

Comment Type   **E**   *Comment Status*   **X**

Ambiguous 'IEEE 802.3 management standard'. I assume this was refering to Clause 30 when in the IETF document.

SuggestedRemedy

Add more precise pointer.

Proposed Response   *Response Status*   **O**

Cl **03**   *SC*   *P* **19**   *L* **29**   # 246

Thompson, Geoff   GraCaSI

Comment Type   **E**   *Comment Status*   **X**

The last sentence in the paragraph is slightly misleading

SuggestedRemedy

Please add the following text at the end of theparagraph:
"It is not uncommon for such segments to be a proprietary implementation."

Proposed Response   *Response Status*   **O**

Cl **03**   *SC*   *P* **19**   *L* **3**   # 245

Thompson, Geoff   GraCaSI

Comment Type   **ER**   *Comment Status*   **X**

There is no such thing as an "Authoritative Dictionary" of "IEEE Standard Terms" (in spite of there being an IEEE publication with the referenced title. If one tries to "reference" that publication, one does not an authoritative definition, rather a glossary.

SuggestedRemedy

The text should be modified so that it would not be "referenced". at best, it should be consulted for suggestions. Better yet eliminate the text altogether. Move the reference to the bibliography so that it is done in an exactly parallel way to the way it is called out in 802.3. I.e. "[B43] IEEE 100, a glossary of standards terms titled The Authoritative Dictionary of IEEE Standards Terms, New York, Institute of Electrical and Electronics Engineers, Inc."

Proposed Response   *Response Status*   **O**

Cl **03**   *SC*   *P* **19**   *L* **35**   # 270

Grow, Robert   Intel

Comment Type   **ER**   *Comment Status*   **X**

Module is generally used in a different way in the draft (MIB module).

SuggestedRemedy

Module - A building block in a modular system. In the context of MIBs, a specification of management capabilities related to the system. In the context of a chassis, it typically maps into one 'slot'; however, the range of configurations may be very large, with several modules entering one slot, or one module covering several slots.

Proposed Response   *Response Status*   **O**

Cl **03**   *SC*   *P* **19**   *L* **4**   # 290

Grow, Robert   Intel

Comment Type   **E**   *Comment Status*   **X**

I believe the 'Authoritive' has been dropped from the title, and bad Bibliography reference (Biblography is Annex A).

SuggestedRemedy

Add Dictionary to Bibliography, and number Annex A references (e.g., [A1]).

Proposed Response   *Response Status*   **O**

Cl **03**   *SC*   *P* **19**   *L* **7**   # 291

Grow, Robert   Intel

Comment Type   **TR**   *Comment Status*   **X**

Definition for system seems rather limited and only relevant to one MIB module. I assume it was pulled from the repeater module. Usually 'system' is qualified, for example there are many uses of management system and managed system. The dot3Loc attributes seem to consistently qualify (local system), as do the dot3Rem attributes (remote system). The various EPON modules use system essentially in the same way as the repeater module. The use of 'system' in GDMO is not consistent, but seem to be part of complex names.

SuggestedRemedy

System - An entity compliant with one or more MIB modules of this standard.

Proposed Response   *Response Status*   **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **03**
SC

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Cl **03**   *SC* **0**   *P* **19**   *L* **9**   # 259

Rannow, Randy   Tyco Electronics

Comment Type **TR**   *Comment Status* **X**

Repeater unit and Trivial repeater unit are defined. What is a "managed" repeater.
Page 19, Line 9:
Chassis - An enclosure for one managed repeater, part of a managed repeater, or several managed repeaters.
. It typically contains an integral power supply and a variable number of available module slots.

Numerous instances (e.g., Page 96, line 56) refer to "managed repeater" and I do not see a definition of "managed repeater".

SuggestedRemedy

[Ed. no suggested remedy provided for this comment.]
[Ed. In a follow up email, commenter asks that managed repeater be defined.]

Proposed Response   *Response Status* **O**

Cl **03**   *SC* **3**   *P* **19**   *L* **14**   # 145

Dawe, Piers   IPtronics

Comment Type **T**   *Comment Status* **X**

If a MAU is a unit, surely it's not an interface.

SuggestedRemedy

Revise the sentence.

Proposed Response   *Response Status* **O**

Cl **03**   *SC* **3**   *P* **19**   *L* **3**   # 142

Dawe, Piers   IPtronics

Comment Type **TR**   *Comment Status* **X**

List of definitions of terms must be immediately available to the reader. Draft says "The Authoritative Dictionary of IEEE Standard Terms [Bn] should be referenced for terms not defined in this clause." But this book is not available on the web and is not free, and relying on it sabotages "Get IEEE 802". The reader is not going to pay $108.00 on the chance that a book he hasn't seen _might_ define a term in this document.

SuggestedRemedy

List all the terms that need definitions here. If a definition is long or difficult, could refer to a freely available reference e.g. 802.3 or an RFC, but would very much prefer just copying in definitions from other 802 and IETF documents as needed. Delete the sentence.

Proposed Response   *Response Status* **O**

Cl **03**   *SC* **3**   *P* **19**   *L* **31**   # 235

Law, David   3Com

Comment Type **T**   *Comment Status* **X**

While the 'stack' definition seems to exclusively relate to repeaters there is also reference to 'stack' in the PoE MIB, where the pethPsePortGroupIndex object states 'Group means box in the stack, module in a rack ..' (p146) and the EFM copper MIB, where it states '2BASE-TL and 10PASS-TS PHYs specified in the EFM-CU-MIB module are stacked (a.k.a. aggregated ormbonded) Ethernet interfaces ..' (p257) and 'The new tables ifCapStackTable and its inverse ifInvCapStackTable defined in the IF-CAP-STACK-MIB module below, extend the stack management with an ability to describe possible connections or cross-connect ..'.

SuggestedRemedy

Stack - A scalable system in which modularity is achieved by interconnecting a number of different system.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **03**
SC **3**

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Cl **03**   *SC* **3**   *P* **19**   *L* **5**   # 143

Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**

"The Authoritative Dictionary of IEEE Standard Terms" isn't in the reference list. There is no [Bn] list in this draft.

SuggestedRemedy

See another comment that proposes removing the sentence.

Proposed Response   *Response Status*   **O**

Cl **03**   *SC* **3**   *P* **19**   *L* **7**   # 146

Dawe, Piers   IPtronics

Comment Type   **T**   *Comment Status*   **X**

"System" is not a good choice of term, now we have OAMPDUs and AN so both ends of a link are visible to management.

SuggestedRemedy

"Station or PSE"? "DTE or PSE"?

Proposed Response   *Response Status*   **O**

Cl **03**   *SC* **3**   *P* **19**   *L* **7**   # 144

Dawe, Piers   IPtronics

Comment Type   **TR**   *Comment Status*   **X**

These definitions need some work. Surely one can have a "system" without a repeater? What does "entity" mean here?

SuggestedRemedy

Improve the definitions list. I don't have the detailed remedy.

Proposed Response   *Response Status*   **O**

Cl **03**   *SC* **3**   *P* **19**   *L* **7**   # 234

Law, David   3Com

Comment Type   **T**   *Comment Status*   **X**

The definition of 'System - A managed entity compliant with this MIB, and incorporating at least one managed 802.3 repeater.' worked when it was local to the Repeater MIB but within IEEE 802.3.1 it doesn't work anymore.

One of the first uses of the term 'system' after this definition is in LLDP MIB module that contains the text "This table contains one row per port of Ethernet port information (as a part of the LLDP 802.3 organizational extension) on the local system known to this agent.".

Also need to fix the reference to 'this MIB' to be to 'this standard'.

SuggestedRemedy

[1] Redefined the definition of 'System' to be 'Repeater System - A managed entity compliant with this standard, and incorporating at least one managed IEEE 802.3 repeater.'

[2] Change the instances of 'system' on the Repeater MIB to be 'repeater system', for example the text:

-- Configuration and status objects for each
-- managed group in the system, independent
-- of whether there is one or more managed
-- repeater-units in the system.

would be changed to read:

-- Configuration and status objects for each
-- managed group in the repeater system,
-- independent of whether there is one or
-- more managed repeater-units in the
-- repeater system.

Proposed Response   *Response Status*   **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **03**
SC **3**

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Cl **03**   *SC* **3.0**   *P* **19**   *L* **18**   # 260
Rannow, Randy   Tyco Electronics

Comment Type **TR**   *Comment Status* **X**

Page 19, Line 18:
Trivial repeater-unit - An isolated port that can gather statistics.

No "trivial repeater" used except in the definition, yet non-trivial used in multiple instances (e.g., Page 114, line 11).

SuggestedRemedy

Suggest defining non-trivial as this seems more relevant, less trivial.

Proposed Response   *Response Status* **O**

Cl **04**   *SC*   *P* **21**   *L*   # 271
Grow, Robert   Intel

Comment Type **E**   *Comment Status* **X**

Missing acronyms

SuggestedRemedy

ASCII, IANA, IFG, LLDP, LLPDU, MIB, MTU, OAMPDU, OID, PDU, ROM, SDH, SONET, SMI, SNMP, TLV, WIS

Proposed Response   *Response Status* **O**

Cl **04**   *SC* **0**   *P* **21**   *L* **1**   # 79
Frazier, Howard   Broadcom Corp

Comment Type **ER**   *Comment Status* **X**

Insert the following entries in the list of abbreviations, in alphabetical order:
AIS - Alarm Indication Signal
BIP - Bit Interleaved Parity
DTE - Data Terminal Equipment
ELTE - Ethernet Line Termination Equipment
ERDI-P Enhanced Remote Defect Indication - Path
GDMO - Guidelines for Definition of Managed Objects
IANA - Internet Assigned Numbers Authority
IETF - Internet Engineering Task Force
ITU - International Telecommunication Union
LAN - Local Area Network
LCD - Loss of Codegroup Deliniation
LLC - Logical Link Control
LLDP - Logical Link Discovery Protocol
LOP - Loss of Pointer
MAU - Medium Attachment Unit
MIB - Management Information Base
MII - Media Independent Interface
NMS - Network Management System
OAMPDU - Operations Administration Maintenace Protocol Data Unit
OSI - Open Systems Interconnection
PDU - Protocol Data Unit
PLM - Payload Label Mismatch
SMIv2 - Structure of Management Information version 2
SNMP - Simple Network Management Protocol
SDH - Synchronous Digital Signaling Hierarchy
SONET - Synchronous Optical Network
TDMA - Time Division Multiple Access
WAN - Wide Area Network
WDM - Wavelength Division Multiplexing
WIS - WAN Interface Sublayer

SuggestedRemedy

Per comment.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied   Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **04**
SC **0**

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Cl **04**   *SC* **4**   *P* **21**   *L* **23**   # 148

Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**

Missing abbreviations

SuggestedRemedy

LLDP, TLV, probably more

Proposed Response   *Response Status*   **O**

Cl **04**   *SC* **4**   *P* **21**   *L* **25**   # 150

Dawe, Piers   IPtronics

Comment Type   **ER**   *Comment Status*   **X**

802.3 doesn't use Mbps.

SuggestedRemedy

Change all Mbps to Mb/s except as part of object names such as
mauIfGrpAutoNeg1000Mbps.

Proposed Response   *Response Status*   **O**

Cl **04**   *SC* **4**   *P* **21**   *L* **4**   # 147

Dawe, Piers   IPtronics

Comment Type   **ER**   *Comment Status*   **X**

attenuation, bit error ratio, bandwidth, and more, are not proper nouns.

SuggestedRemedy

Use upper and lower case properly (see 802.3 1.5 Abbreviations for examples).

Proposed Response   *Response Status*   **O**

Cl **04**   *SC* **4**   *P* **21**   *L* **4**   # 151

Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**

Tidy up

SuggestedRemedy

Use tabs instead of hyphens to give the appearance of two columns (like 802.3 1.5
Abbreviations).

Proposed Response   *Response Status*   **O**

Cl **04**   *SC* **4**   *P* **21**   *L* **47**   # 149

Dawe, Piers   IPtronics

Comment Type   **TR**   *Comment Status*   **X**

PHY does not mean Physical Layer. We've been over this before, several times.

SuggestedRemedy

Get it right!

Proposed Response   *Response Status*   **O**

Cl **04**   *SC* **4**   *P* **29**   *L* **4**   # 152

Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**

"Mgn" is not used except as a component of object names.

SuggestedRemedy

Delete the Mgn entry.

Proposed Response   *Response Status*   **O**

Cl **05**   *SC*   *P* **23**   *L*   # 249

Thompson, Geoff   GraCaSI

Comment Type   **E**   *Comment Status*   **X**

Too much white space

SuggestedRemedy

Please remove two forced pages breaks.

Proposed Response   *Response Status*   **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **05**
SC

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Cl **05**   *SC* **0**   *P* **23**   *L* **1**   # 80
Frazier, Howard   Broadcom Corp

Comment Type **ER**   *Comment Status* **X**

It doesn't make a whole lot of sense to have an entire clause allocated for a single
sentence of text. I originally thought that there would be more text in the conformance
clause, but the existing sentence seems sufficient. I think it should be moved to subclause
1.5.

SuggestedRemedy

Move the text of clause 5 to subclause 1.5.
Renumber the subsequent clauses (ugh!).

Proposed Response   *Response Status* **O**

Cl **05**   *SC* **5**   *P* **23**   *L* **4**   # 153
Dawe, Piers   IPtronics

Comment Type **T**   *Comment Status* **X**

Draft says "Specific conformance information is included in each MIB module." but I can't
see much specific conformance information. In particular, where are the PICS?

SuggestedRemedy

Add PICS (or abandon 802.3 PICS).

Proposed Response   *Response Status* **O**

Cl **05**   *SC* **5**   *P* **23**   *L* **4**   # 154
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**

"Specific conformance information is included in each MIB module." is too vague.

SuggestedRemedy

Give proper cross-references.

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **4**   *P* **29**   *L* **16**   # 230
Magee, Anthony   ADVA Optical Network

Comment Type **E**   *Comment Status* **X**

This is the first link to a MIB text file in the document. When I try to load the MIB I get an
error message sying that the mib conains unknown mib node lldpv2xdot30bjects.

Also I see messages about LLDP-V2-MIB and LLDP-V2-TC-MIB modules failing to be
located.

SuggestedRemedy

If a framework MIB is needed to be able to load this MIB (and subsequant MIBs), is it
possible to make a reference to those earlier in this draft standard?

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6**   *P* **25**   *L* **1**   # 159
Dawe, Piers   IPtronics

Comment Type **TR**   *Comment Status* **X**

Text mentions LLDP extension with nothing to say what LLDP stands for, what it means, or
where the non-extended LLDP is to be found.

SuggestedRemedy

Add to abbreviations, definitions, references and text here as necessary.

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6**   *P* **25**   *L* **1**   # 160
Dawe, Piers   IPtronics

Comment Type **ER**   *Comment Status* **X**

It seems strange to put LLDP extension before the bread-and-butter stuff. I would have
thought Clause 11 Ethernet-like interface MIB module, or 14. Ethernet medium attachment
units (MAUs) MIB module, should come first.

SuggestedRemedy

Consider what the appropriate clause order is.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **06**
SC **6**

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Cl **06**   *SC* **6.1**   *P* **25**   *L* **12**   # 256
Bennett, Michael   LBNL

Comment Type **E**   *Comment Status* **X**
   There is a dash between the "1" and "802.1". I think the intended title of the table is 6-1.

SuggestedRemedy
   remove the dash between the "1" and "802.1".

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.1**   *P* **25**   *L* **12**   # 250
Thompson, Geoff   GraCaSI

Comment Type **ER**   *Comment Status* **X**
   This seems to be an external reference to some standard in 802.1. (one of the several)

SuggestedRemedy
   Insert a formal external reference here.

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.1**   *P* **25**   *L* **25**   # 258
Bennett, Michael   LBNL

Comment Type **ER**   *Comment Status* **X**
   The note at the bottom of Table 6-1 doesn't really decribe the superscript "a". Or the "M" in
   the cell for RX mode for the lldpV2Xdot3ConfigGroup has a spurious superscript "a"
   chanracter.

SuggestedRemedy
   Either show the difference between M and M with the superscript "a" or delete the
   superscropt characters

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.1**   *P* **25**   *L* **26**   # 155
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
   M=Mandatory

SuggestedRemedy
   To match 802.3, change to M = Mandatory (with spaces)

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.2**   *P* **26**   *L* **1**   # 156
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
   In "IEEE 802.3/LLDP extension MIB cross reference", there seems to be a double space
   after "MIB"

SuggestedRemedy
   If so, fix.

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.2**   *P* **26**   *L* **17**   # 157
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
   auto-negotiation

SuggestedRemedy
   Auto-Negotiation (multiple times)

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **06**
SC **6.2**

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Cl **06**   *SC* **6.2**   *P* **26**   *L* **46**   # 158

Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**

Badly split table

SuggestedRemedy

Adjust the table's number of orphan rows parameter so that the members of lldpV2Xdot3RemPortTable appear on this page, and let the bottom rows of a table to be continued have no line (like Table 7-1).

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.2**   *P* **26**   *L* **9**   # 295

Barnette, Jim   Vitesse Semiconducto

Comment Type **E**   *Comment Status* **X**

LLPDUs is undefined and probably mis-spelled

SuggestedRemedy

Probably intended LLDPUs which still requires definition

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.3**   *P* **28**   *L* **1**   # 251

Thompson, Geoff   GraCaSI

Comment Type **ER**   *Comment Status* **X**

I believe that using the term "802.3" in the title of a sub-clause is self-referential and is not in line with the Style Guide.

SuggestedRemedy

Revise to our ordinary convention

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.3**   *P* **28**   *L* **14**   # 216

Anslow, Peter   Ciena

Comment Type **E**   *Comment Status* **X**

"may be considered to be sensitive of vulnerable in some network environments" does not make sense

SuggestedRemedy

Change "sensitive of vulnerable" to "sensitive or vulnerable" as in clause 9.4

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.3**   *P* **28**   *L* **14**   # 294

D'Ambrosia, John   Force10 Networks

Comment Type **E**   *Comment Status* **X**

considered to be "sensitive of vulnerable" in some network environments - looks like a typo

SuggestedRemedy

Replace with "sensitive or vulnerable"

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.3**   *P* **28**   *L* **57**   # 257

Bennett, Michael   LBNL

Comment Type **E**   *Comment Status* **X**

The word "even" adds no value

SuggestedRemedy

delete them so the sentence reads:

It is thus important to control GET and/or NOTIFY access to these objects and possibly encrypt the values of these objects when sending them over the network via SNMP

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **06**
SC **6.3**

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Cl **06**   *SC* **6.4**   *P* **29**   *L* **3**   # 261
Diab, Wael   Broadcom

Comment Type   **T**   *Comment Status* **X**
The Editor's note is confusing. Is the intent still to provide comments to the reflector or to do it via the ballot process?

SuggestedRemedy
Suggest deleting the editor's note

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.4**   *P* **31**   *L* **49**   # 161
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status* **X**
24 bit

SuggestedRemedy
24-bit (like 64-bit later)

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.4**   *P* **31**   *L* **57**   # 229
Anslow, Peter   Ciena

Comment Type   **T**   *Comment Status* **X**
This says "This version of this MIB module is published as Clause 6 of IEEE Draft 802.3.1/D1.2;" which is an out of date reference.

SuggestedRemedy
Wouldn't it be better to change "published as Clause 6 of IEEE Draft 802.3.1/D1.2;" to "published as Clause 6 of IEEE 802.3.1;" so that this text does not have to be updated repeatedly?

Also on line 64

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.4**   *P* **31**   *L* **57**   # 252
Thompson, Geoff   GraCaSI

Comment Type   **TR**   *Comment Status* **X**
The version reference buried in the text of the MIB module seems to be out of date (multiple places)

SuggestedRemedy
It seems the current system of having this information appear multiple times in the bowels of the MIB module is a bad idea. At a minimum, please correct. Preferably, come up with a system that is not such an ongoing editorial burden.

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.4**   *P* **33**   *L* **24**   # 162
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status* **X**
"allowed on the local LLDP agent"? allowed by the local LLDP agent? other?

SuggestedRemedy
Anyway, add "agent" and if appropriate "LLDP agent" to the definitions. There's a definition of agent in 802.3.

Proposed Response   *Response Status* **O**

Cl **06**   *SC* **6.4**   *P* **33**   *L* **51**   # 253
Thompson, Geoff   GraCaSI

Comment Type   **TR**   *Comment Status* **X**
The reference here to 9.1.2.1 points to somewhere in the introduction of the 10 PoE MIB module. Subclause 9.1 has no further subdivisions. I suspect that this (and probably numerous others like it) should really be external references to another (non-802.3) standard.

SuggestedRemedy
Correct with external reference here and in other like instances.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **06**
SC **6.4**

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Cl **07**   *SC* **7.1**   *P* **45**   *L* **10**   # 163
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**
"provide some basic Operations and Administration (OA) functions on Ethernet media" but the medium is just cables or similar, it can't carry out any OAM function.

SuggestedRemedy
Not sure what the right word is - it's not "links" either.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.1**   *P* **45**   *L* **15**   # 165
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**
"new Ethernet interface capabilities" already outdated.

SuggestedRemedy
Delete "new", join sentence onto previous paragraph. Clean up other dated claims of "new" in the draft.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.1**   *P* **45**   *L* **15**   # 164
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**
What does "protocols in the Internet community" mean?

SuggestedRemedy
Change to "protocols such as ABCD or XYZ"

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.1**   *P* **45**   *L* **7**   # 265
Diab, Wael   Broadcom

Comment Type   **E**   *Comment Status*   **X**
The management capabilites of EFM are no longer "new" at this point.

SuggestedRemedy
Delete the word new

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.2**   *P* **45**   *L* **32**   # 167
Dawe, Piers   IPtronics

Comment Type   **ER**   *Comment Status*   **X**
History lesson is off topic.

SuggestedRemedy
Delete two paragraphs, from line 32 to line 53. Tidy up the relationship between the sentences at lines 14 and 56.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.2**   *P* **45**   *L* **37**   # 166
Dawe, Piers   IPtronics

Comment Type   **TR**   *Comment Status*   **X**
"the results of the Task Force are not strictly limited to [Ethernet-access] application" is a gross understatement. In particular, 100BASE-LX10 came from a separate "100BASE-FX over dual Single Mode Fibre" Call For Interest, and it is for any purpose, not necessarily access.

SuggestedRemedy
Delete "strictly"

Proposed Response   *Response Status*   **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **07**
SC **7.2**

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Cl **07**   *SC* **7.2**   *P* **46**   *L* **2**   # 171
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**
   layer two ... layer three

SuggestedRemedy
   Layer 2 ... Layer 3

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.2.1**   *P* **46**   *L* **12**   # 170
Dawe, Piers   IPtronics

Comment Type   **ER**   *Comment Status*   **X**
   "7.2.1 Remote Fault Indication
   Remote fault indication"
   Sort out the capitals. Either Remote fault indication or Remote Fault indication, both
   times. In 7.3, "Relation to the Other MIB Modules" should be "Relation to the other MIB
   modules"

SuggestedRemedy
   As above, and scrub the draft.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.2.4**   *P* **46**   *L* **60**   # 272
Grow, Robert   Intel

Comment Type   **E**   *Comment Status*   **X**
   Remove hypenation at end of line.

SuggestedRemedy
   See comment.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.2.4**   *P* **46**   *L* **61**   # 81
Frazier, Howard   Broadcom Corp

Comment Type   **ER**   *Comment Status*   **X**
   "OA" s/b "OAM"

SuggestedRemedy
   per comment.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.3**   *P* **46**   *L* **65**   # 217
Anslow, Peter   Ciena

Comment Type   **T**   *Comment Status*   **X**
   The two headings:
   "7.3 Relation to the Other MIB Modules" and "7.3.1 Relation to Other MIB Modules" are
   confusingly similar

SuggestedRemedy
   Change one or the other heading to clarify the difference

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.3**   *P* **49**   *L* **30**   # 273
Grow, Robert   Intel

Comment Type   **T**   *Comment Status*   **X**
   Incorrect assertion, perhaps only true for EFM. Need to add OAM to sentence.

SuggestedRemedy
   ...managed OAM objects...

Proposed Response   *Response Status*   **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **07**
SC **7.3**

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Cl **07**   *SC* **7.3.3**   *P* **47**   *L* **28**   # 168
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
   Table 7-1 is not referred to.

SuggestedRemedy
   If it's part of 7.3.3, mention it in the text of 7.3.3.

Proposed Response   *Response Status* **O**

Cl **07**   *SC* **7.3.3**   *P* **47**   *L* **37**   # 82
Frazier, Howard   Broadcom Corp

Comment Type **ER**   *Comment Status* **X**
   "oOA" s/b "oOAM"

SuggestedRemedy
   per comment.

Proposed Response   *Response Status* **O**

Cl **07**   *SC* **7.3.3**   *P* **48**   *L* **1**   # 169
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
   Continued tables should say "(continued)"

SuggestedRemedy
   Fix. There's a way to make Frame do this automatically (which should be in the template,
   maybe it isn't).

Proposed Response   *Response Status* **O**

Cl **07**   *SC* **7.5**   *P* **50**   *L* **13**   # 262
Diab, Wael   Broadcom

Comment Type **TR**   *Comment Status* **X**
   This section highlights a potential security issue with OAM. While I think there maybe
   benefit to highlighting that, I am less comfortable with recomendations on how to solve. I
   would simply highlight the issue and move on

SuggestedRemedy
   Delete the sentence that starts with "It should be used in environments"

Proposed Response   *Response Status* **O**

Cl **07**   *SC* **7.7**   *P* **60**   *L* **26**   # 83
Frazier, Howard   Broadcom Corp

Comment Type **T**   *Comment Status* **X**
   Use of "must".
   It appears that the usage is correct in this case.

SuggestedRemedy
   Leave it as is.

Proposed Response   *Response Status* **O**

Cl **07**   *SC* **7.7**   *P* **72**   *L* **30**   # 84
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
   Use of "must".
   The reserved word "must" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy
   Reword the sentence as follows:
   "...representing the minimum number of symbol errors occuring within a given window to
   cause an Errored Symbol Period Event."

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **07**   Page 22 of 54
SC **7.7**   5/18/2010 2:24:10 PM

Cl **07**   *SC* **7.7**   *P* **72**   *L* **40**   # 92

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

Use of "should".
The reserved word "should" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Reword the sentence as follows:
"...an Event Notification OAMPDU is generated with an Errored Symbol Period Event TLV..."

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.7**   *P* **73**   *L* **1**   # 85

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Reword the sentence as follows:
"...representing the minimum number of symbol errors occuring within a given window to cause an Errored Symbol Period Event."

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.7**   *P* **73**   *L* **12**   # 93

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

Use of "should".
The reserved word "should" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Reword the sentence as follows:
"...an Event Notification OAMPDU is generated with an Errored Symbol Period Event TLV..."

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.7**   *P* **73**   *L* **33**   # 94

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

Use of "should".
The reserved word "should" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Reword the sentence as follows:
"If true, the OAM entity sends an Event Notification OAMPDU when an Errored Symbol Period Event occurs.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.7**   *P* **73**   *L* **36**   # 95

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

Use of "should".
The reserved word "should" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Reword the sentence as follows:
The default value for this object is true for Ethernet-like interfaces that support OAM.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.7**   *P* **74**   *L* **17**   # 87

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

Use of "should".
The reserved word "should" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Reword the sentence as follows:
"...an Event Notification OAMPDU is generated with an Errored Frame Period Event TLV..."

Proposed Response   *Response Status*   **O**

TYPE: TR/technical required   ER/editorial required   GR/general required   T/technical   E/editorial   G/general
COMMENT STATUS: D/dispatched   A/accepted   R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied   Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **07**
SC **7.7**

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Cl **07**   *SC* **7.7**   *P* **74**   *L* **8**   # 86

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Reword the sentence as follows:
"The number of frame errors that cause an Errored Frame
Period Event."

Proposed Response   *Response Status* **O**

Cl **07**   *SC* **7.7**   *P* **75**   *L* **14**   # 89

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "should".
The reserved word "should" appears to be improperly used in this case, by IEEE
conventions.

SuggestedRemedy

Reword the sentence as follows:
"...an Event Notification OAMPDU is generated with an Errored Frame
Event TLV..."

Proposed Response   *Response Status* **O**

Cl **07**   *SC* **7.7**   *P* **75**   *L* **4**   # 88

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions.

SuggestedRemedy

Reword the sentence as follows:
"The number of frame errors that cause an Errored Frame
Event."

Proposed Response   *Response Status* **O**

Cl **07**   *SC* **7.7**   *P* **76**   *L* **15**   # 91

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "should".
The reserved word "should" appears to be improperly used in this case, by IEEE
conventions.

SuggestedRemedy

Reword the sentence as follows:
"...an Event Notification OAMPDU is generated with an Errored Frame
Seconds Summary Event TLV..."

Proposed Response   *Response Status* **O**

Cl **07**   *SC* **7.7**   *P* **76**   *L* **29**   # 96

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "should".
The reserved word "should" appears to be improperly used in this case, by IEEE
conventions.

SuggestedRemedy

Reword the sentence as follows:
If true, the local OAM entity sends an Event
Notification OAMPDU when an Errored Frame Seconds Event
occurs.

Proposed Response   *Response Status* **O**

Cl **07**   *SC* **7.7**   *P* **76**   *L* **3**   # 90

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions.

SuggestedRemedy

Reword the sentence as follows:
"The number of errored frame seconds that cause an Errored Frame
Seconds Summary Event."

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **07**
SC **7.7**

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Cl **07**   *SC* **7.7**   *P* **76**   *L* **33**   # 97
Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**
Use of "should".
The reserved word "should" appears to be improperly used in this case, by IEEE
conventions.

SuggestedRemedy
Reword the sentence as follows:
The default value for this object is true for
Ethernet-like interfaces that support OAM.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.7**   *P* **76**   *L* **47**   # 98
Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**
Use of "should".
The reserved word "should" may be properly used in this case.

SuggestedRemedy
Discuss in committee.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.7**   *P* **76**   *L* **53**   # 99
Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**
Use of "should".
The reserved word "should" appears to be improperly used in this case, by IEEE
conventions.

SuggestedRemedy
Reword the sentence as follows:
If the system does not support dying gasp capability, setting this
object has no effect, and reading the object always returns
'false'.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.7**   *P* **76**   *L* **56**   # 100
Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**
Use of "should".
The reserved word "should" appears to be improperly used in this case, by IEEE
conventions.

SuggestedRemedy
Reword the sentence as follows:
The default value for this object is true for
Ethernet-like interfaces that support OAM.

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.7**   *P* **83**   *L* **56**   # 101
Frazier, Howard   Broadcom Corp

Comment Type   **ER**   *Comment Status*   **X**
Beginning here, and continuing for the next few object descriptions, we find the text "This
group is [mandatory or optional] for all IEEE 802.3 OA implementations..." I think that "OA"
s/b "OAM".

SuggestedRemedy
Replace "OA" with "OAM".

Proposed Response   *Response Status*   **O**

Cl **07**   *SC* **7.7**   *P* **84**   *L* **29**   # 102
Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**
Use of "must".
From RFC 2119, it appears that "must", "shall", and "required" are synonymous and
interchangeable. The IEEE style is different, wherein "shall" is used to indicate mandatory
requirements, and "must" is deprecated, shall not be used to indicate mandatory
requirements, and is used to indicate unavoidable situations. On that basis, I believe that
most instances of "must" in 802.3.1 should be converted to "shall", and particularly in this
case.

SuggestedRemedy
Reword the sentence as follows:
At least one type of event shall be supported
for entries to appear in this table.

Proposed Response   *Response Status*   **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **07**
SC **7.7**

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Cl **07**   *SC* **7.7**   *P* **84**   *L* **36**   # 103
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
From RFC 2119, it appears that "must", "shall", and "required" are synonymous and
interchangeable. The IEEE style is different, wherein "shall" is used to indicate mandatory
requirements, and "must" is deprecated, shall not be used to indicate mandatory
requirements, and is used to indicate unavoidable situations. On that basis, I believe that
most instances of "must" in 802.3.1 should be converted to "shall", and particularly in this
case.

SuggestedRemedy
Reword the sentence as follows:
Since the information in the notifications
is dependent on the dot3OamEventLogTable, that table shall be
implemented for notifications.

Proposed Response   *Response Status* **O**

Cl **07**   *SC* **7.7**   *P* **85**   *L* **34**   # 104
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
From RFC 2119, it appears that "must", "shall", and "required" are synonymous and
interchangeable. The IEEE style is different, wherein "shall" is used to indicate mandatory
requirements, and "must" is deprecated, shall not be used to indicate mandatory
requirements, and is used to indicate unavoidable situations. On that basis, I believe that
most instances of "must" in 802.3.1 should be converted to "shall", and particularly in this
case.

SuggestedRemedy
Reword the sentence as follows:
Note that all of these counters shall
be supported even if the related function (as described in
dot3OamFunctionsSupported) is not supported.

Proposed Response   *Response Status* **O**

Cl **08**   *SC*   *P*   *L*   # 240
Thompson, Geoff   GraCaSI

Comment Type **ER**   *Comment Status* **X**
Misplace page break

SuggestedRemedy
Remove page break so that the header "Contents" is on the same page as the start of the
table of contents.

Proposed Response   *Response Status* **O**

Cl **08**   *SC* **8.1.1**   *P* **89**   *L* **41**   # 218
Anslow, Peter   Ciena

Comment Type **T**   *Comment Status* **X**
This says "the same instrumentation can be used to implement both the IEEE and IETF
management standards."
but aren't the IETF documents moving in to IEEE 802.3.1?

SuggestedRemedy
Change to "the same instrumentation can be used to implement both this the IEEE Std
802.3 management standards."

Proposed Response   *Response Status* **O**

Cl **08**   *SC* **8.1.2.3**   *P* **90**   *L* **15**   # 219
Anslow, Peter   Ciena

Comment Type **T**   *Comment Status* **X**
This says "See [12] and [13] for details"
Where are these references?
Also [5] in 8.1.3.1

SuggestedRemedy
Include these these references in a way that allows the correct entry in clause 2 to be
found.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **08**
SC **8.1.2.3**

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Cl **08**   *SC* **8.3**   *P* **112**   *L* **59**   # 107

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions, in two places in this sentence.

SuggestedRemedy

Reword the sentence as follows:
If this object is implemented, the value
shall be a valid count as defined
in the first paragraph of this description.

Proposed Response   *Response Status* **O**

Cl **08**   *SC* **8.3**   *P* **113**   *L* **34**   # 108

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions, in two places in this sentence.

SuggestedRemedy

Reword the sentence as follows:
If this object is implemented, the value
shall be a valid count as defined
in the first paragraph of this description.

Proposed Response   *Response Status* **O**

Cl **08**   *SC* **8.3**   *P* **117**   *L* **41**   # 110

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions, in two places in this sentence.

SuggestedRemedy

Reword the sentence as follows:
If this object is implemented, the value
shall be a valid count as defined
in the first paragraph of this description.

Proposed Response   *Response Status* **O**

Cl **08**   *SC* **8.3**   *P* **117**   *L* **6**   # 109

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions, in two places in this sentence.

SuggestedRemedy

Reword the sentence as follows:
If this object is implemented, the value
shall be a valid count as defined
in the first paragraph of this description.

Proposed Response   *Response Status* **O**

Cl **08**   *SC* **8.3**   *P* **126**   *L* **40**   # 111

Frazier, Howard   Broadcom Corp

Comment Type **T**   *Comment Status* **X**

Use of "must".
It appears that the usage is correct in this case.
A shall would be inappropriate here because this is the
wrong place to impose requirements on the management station.

SuggestedRemedy

Leave it as is.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **08**
SC **8.3**

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Cl **08**   *SC* **8.3**   *P* **128**   *L* **34**   # 112
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "should" and "must".
It appears that the usage is correct in this case.
A shall would be inappropriate here because this is the
wrong place to impose requirements on the agent.
(Maybe a stretch to make this argument. Unavoidable situation?)

SuggestedRemedy
Leave both "should" and "must" as is in this description.

Proposed Response   *Response Status* **O**

Cl **08**   *SC* **8.3**   *P* **131**   *L* **13**   # 113
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
This is a tough one. It may be appropriate to change this to "shall".
This is similar to the slow protocols constraint on the frequency of
messages, and for good reason.

SuggestedRemedy
Discuss in committee.
It might be wise to restate the requirement as follows:

There shall be a minimum interval of 5 seconds between rptrInfoHealth notifications from a
given repeater.

Proposed Response   *Response Status* **O**

Cl **08**   *SC* **8.3**   *P* **131**   *L* **44**   # 114
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
This is a tough one. It may be appropriate to change this to "shall".
This is similar to the slow protocols constraint on the frequency of
messages, and for good reason.

SuggestedRemedy
Discuss in committee.
It might be wise to restate the requirement as follows:

There shall be a minimum interval of 5 seconds between rptrInfoResetEvent notifications
from a given repeater.

Proposed Response   *Response Status* **O**

Cl **08**   *SC* **8.3**   *P* **98**   *L* **11**   # 105
Frazier, Howard   Broadcom Corp

Comment Type **T**   *Comment Status* **X**
Use of "must".
It appears that the usage is correct in this case.

SuggestedRemedy
Leave it as is.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line
Cl **08** *SC* **8.3** Page 28 of 54 5/18/2010 2:24:10 PM

Cl **08**   *SC* **8.8**   *P* **101**   *L* **24**   # 106
Frazier, Howard   Broadcom Corp

Comment Type   **T**   *Comment Status*   **X**
Use of "must".
It appears that the usage is correct in this case.
A shall would be inappropriate here because this is the
wrong place to impose requirements on the protocol
operation.
It might be appropriate to reword the sentence as follows:
"The reset shall not impede the transmission of the SNMP
response". However, since this module is rather long in the tooth,
I cannot justify making such a change, and I would rather fall back on the
"unavoidable situation" convention.

SuggestedRemedy
Leave it as is.

Proposed Response   *Response Status*   **O**

Cl **08A**   *SC*   *P*   *L*   # 266
Diab, Wael   Broadcom

Comment Type   **E**   *Comment Status*   **X**
I do not believe there is a set way for where an Annex should be located, however, in 802.3
we have the annexes all at the end of each section

SuggestedRemedy
Suggest moving Annex 8A from its current location to after the lettered annexes

Proposed Response   *Response Status*   **O**

Cl **08A**   *SC*   *P* **137**   *L*   # 275
Grow, Robert   Intel

Comment Type   **E**   *Comment Status*   **X**
Out of order.

SuggestedRemedy
Move to Annexes

Proposed Response   *Response Status*   **O**

Cl **08A**   *SC* **0**   *P* **138**   *L* **50**   # 115
Frazier, Howard   Broadcom Corp

Comment Type   **T**   *Comment Status*   **X**
Use of "must".
It appears that the usage is correct in this case.

SuggestedRemedy
Leave it as is.

Proposed Response   *Response Status*   **O**

Cl **08A**   *SC* **0**   *P* **140**   *L* **8**   # 116
Frazier, Howard   Broadcom Corp

Comment Type   **T**   *Comment Status*   **X**
Use of "must".
It appears that the usage is correct in this case.
Also on line 11 and line 34.

SuggestedRemedy
Leave them as is.

Proposed Response   *Response Status*   **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **08A**
SC **0**

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Cl **08A**   *SC* **8A**   *P* **137**   *L* **1**   # 236

Law, David   3Com

Comment Type **TR**   *Comment Status* **X**

I suggest that Annex 8A be deleted and a reference made to Clause 4 of RFC 2108 instead. My reasoning is [1] topology mapping approaches have moved on since this text was first published in RFC2108, LLDP for example, and [2] the text of Annex 8 will still be available in RFC 2108 for anybody that still wants to read, reference of use it. Since I don't see any need for us to update this text I don't see any need for us to bring it into IEEE 802.3.1.

SuggestedRemedy

[1] Delete Annex 8A.

[2] Update the text (P117, l57):

-- this function. 'Annex 8A, "Topology Mapping",
-- contains a description of an algorithm which can
-- make use of this table, in combination with the
-- forwarding databases of managed bridges/switches
-- in the network, to map network topology.

to read:

-- this function. Clause 4 "Topology Mapping" of
-- IETF RFC 2108 contains a description of an
-- algorithm which can make use of this table,
-- in combination with the forwarding databases
-- of managed bridges/switches in the network,
-- to map network topology. Devices may also
-- utilise the protocol and a set of managed
-- objects defined in IEEE Std 802.1AB Station
-- and Media Access Control Connectivity
-- Discovery to discover the physical topology
-- from adjacent stations.

Proposed Response   *Response Status* **O**

Cl **08A**   *SC* **8A**   *P* **138**   *L* **22**   # 220

Anslow, Peter   Ciena

Comment Type **T**   *Comment Status* **X**

This says "and d4, d5, and d6 on the third port." but d7 is there also

SuggestedRemedy

change to "and d4, d5, d6, and d7 on the third port."

Proposed Response   *Response Status* **O**

Cl **09**   *SC* **9.1**   *P* **143**   *L* **9**   # 207

Anslow, Peter   Ciena

Comment Type **E**   *Comment Status* **X**

This says "it defines a set of MIB objects to manage Power Ethernet Power Sourcing Equipment (PSE)"
But 802.3 (or 802.3at) does not use the term "Power Ethernet"

SuggestedRemedy

Change to "it defines a set of MIB objects to manage Power via MDI Power Sourcing Equipment (PSE)"

Proposed Response   *Response Status* **O**

Cl **09**   *SC* **9.2**   *P* **143**   *L* **27**   # 172

Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**

Too much advertising and history

SuggestedRemedy

Delete "The emergence of IP telephony as an application that allows voice applications to be run over the same infrastructure as data applications has led to the emergence of Ethernet IP phones, which have similar functions and characteristics as traditional phones. Powering the phone with the same cable used for signal transfer is one of the functions that are being taken as granted. The IEEE 802.3 Working Group addressed this within Clause 33 of IEEE Std 802.3."

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **09**
SC **9.2**

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Cl **09**   *SC* **9.2**   *P* **143**   *L* **35**   # 173

Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**

"IEEE Std 802.3 does not define a full management interface, but only the hardware registers that will allow for management interfaces to be built for a powered Ethernet device." Not so, IEEE Std 802.3 defines (usually optional) hardware registers for all sorts of things.

SuggestedRemedy

Remove the negative: change to "IEEE Std 802.3 defines the hardware registers that will allow for management interfaces to be built for a powered Ethernet device."

Proposed Response   *Response Status* **O**

Cl **09**   *SC* **9.5**   *P* **146**   *L* **56**   # 117

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions, in two places in this description.

SuggestedRemedy

Change both instances of "must" in this description to "shall".

Proposed Response   *Response Status* **O**

Cl **09**   *SC* **9.5**   *P* **151**   *L* **20**   # 118

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions, in two places in this description.

SuggestedRemedy

Change both instances of "must" in this description to "shall".

Proposed Response   *Response Status* **O**

Cl **09**   *SC* **9.5**   *P* **152**   *L* **49**   # 119

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions, in two places in this description

SuggestedRemedy

Change both instances of "must" in this description to "shall".

Proposed Response   *Response Status* **O**

Cl **09**   *SC* **9.5**   *P* **153**   *L* **16**   # 120

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Change "must" to "shall" in this description.

Proposed Response   *Response Status* **O**

Cl **09**   *SC* **9.5**   *P* **153**   *L* **28**   # 121

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Change "must" to "shall" in this description.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **09**
SC **9.5**

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Cl **09**   *SC* **9.5**   *P* **153**   *L* **40**   # 122
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions.

SuggestedRemedy
Change "must" to "shall" in this description.

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1**   *P* **157**   *L* **11**   # 203
Hajduczenia, Marek   ZTE Corporation

Comment Type **T**   *Comment Status* **X**
" referring to EPON" - suggest to change " referring to 1G-EPON. 10G-EPON systems and
changes introduced to Clause 30 under IEEE 802.3av(tm)-2009 project are not covered in
this Clause." since 10G-EPON is not covered at this stage.

SuggestedRemedy
Per comment

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1**   *P* **157**   *L* **9**   # 202
Hajduczenia, Marek   ZTE Corporation

Comment Type **T**   *Comment Status* **X**
"IEEE Std 802.3, which are extended capabilities to the Ethernet like interfaces." - unclear
what this is intended to mea. Do you mean "IEEE Std 802.3, proviing extended capabilities
to the Ethernet-like interfaces." ?

SuggestedRemedy
Per comment

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1.2**   *P* **157**   *L* **33**   # 136
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
physical layer

SuggestedRemedy
Physical Layer

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1.2**   *P* **157**   *L* **33**   # 135
Dawe, Piers   IPtronics

Comment Type **T**   *Comment Status* **X**
10.1.2 EPON Architecture Highlights is about six pages long and seems to contain a lot of
unnecessary or outdated information. e.g.
The EPON standard, now part of IEEE Std 802.3
single-mode
ONUs can be located either in some remote location (e.g. basement in a multi dwelling
unit) or directly at the subscriber premises. Various types of Customer Premises
Equipment (CPE) can be connected to ONUs or even integrated with such devices.
The Ethernet MAC operates at the data rate of 1 Gb/s
New, EPON specific layers are added
and so on.

SuggestedRemedy
Cut out the irrelevant stuff, correct the outdated stuff.

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1.2.1**   *P* **157**   *L* **34**   # 196
Hajduczenia, Marek   ZTE Corporation

Comment Type **TR**   *Comment Status* **X**
"EPON interfaces" - should be "1G-EPON interfaces" for clarity. 10G-EPON is not covered
...
Also, in the same line: "EPON is a variant of" > "1G-EPON is a variant of"
Suggest to scrub the whole Clause 10 and replace "EPON" with "1G-EPON" for clarity.
Otherwise, someone after reading 802.3av might think you also cover 10G-EPON in here
which is not true

SuggestedRemedy
Per comment

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **10**
SC **10.1.2.1**

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Cl **10**　　*SC* **10.1.2.1**　　　　*P* **157**　　*L* **37**　　# 208
Anslow, Peter　　　　　　　　　Ciena

Comment Type　**E**　　*Comment Status*　**X**

This says "with the Optical Line Terminal (OLT) on the side of the Central Office and
Optical Network Units (ONUs) on the side of subscribers."
This could be confused with the OLT being on the side of the central office rather than on
the inside of it.

SuggestedRemedy

Change to "with the Optical Line Terminal (OLT) in the Central Office and Optical Network
Units (ONUs) near the subscribers."

Proposed Response　　　　*Response Status*　**O**

Cl **10**　　*SC* **10.1.2.1**　　　　*P* **158**　　*L* **5**　　# 205
Hajduczenia, Marek　　　　　　ZTE Corporation

Comment Type　**T**　　*Comment Status*　**X**

The list should read as follows:
—Clause 30 - Management
—Clause 60 - PMD for EPON media (burst-mode PMD)
—Clause 64 - MPCP (Multi-Point Control Protocol), which defines the Multi-Point
architecture, and control protocol for the media access of EPON
—Clause 65 - which defines a number of extensions to standard Gigabit Ethernet PCS, i.e.:
a) definition of Point-to-Point emulation function (Logical Topology Emulation - LTE) for the
EPON
b) definition of the optional (frame-based) FEC
c) PMA for the EPON

SuggestedRemedy

Per comment

Proposed Response　　　　*Response Status*　**O**

Cl **10**　　*SC* **10.1.2.2**　　　　*P* **158**　　*L* **20**　　# 137
Dawe, Piers　　　　　　　　　IPtronics

Comment Type　**TR**　　*Comment Status*　**X**

"The EPON interface specification extends the specification of Gigabit Ethernet as
described in IEEE Std 802.3 Clause 35 and Clause 36. The Ethernet MAC operates at the
data rate of 1 Gb/s..." is out of date

SuggestedRemedy

Generalise and simplify this clause to cover 10GEPON also.

Proposed Response　　　　*Response Status*　**O**

Cl **10**　　*SC* **10.1.2.5**　　　　*P* **160**　　*L* **1**　　# 204
Hajduczenia, Marek　　　　　　ZTE Corporation

Comment Type　**T**　　*Comment Status*　**X**

"Logical links also provide a solution for data privacy, " > "Logical links also provide a
solution for privacy of data, " - otherwise the sentence does not read right

SuggestedRemedy

Per comment

Proposed Response　　　　*Response Status*　**O**

Cl **10**　　*SC* **10.1.2.5**　　　　*P* **160**　　*L* **6**　　# 211
Anslow, Peter　　　　　　　　　Ciena

Comment Type　**E**　　*Comment Status*　**X**

In "which shows an examples of an EPON" "examples" should be "example"

SuggestedRemedy

change to "which shows an example of an EPON"

Proposed Response　　　　*Response Status*　**O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl　**10**
SC **10.1.2.5**

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Cl **10**   *SC* **10.1.2.6**   *P* **161**   *L* **14**   # 6

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

This text (pripciples of the MPCP) appears to be pedagogy, and should not give the appearance of stating normative requirements. Thus, I think it would be appropriate to reword the sentence (deleting the word "must") as follows:

A concept of time exists in the MPCP in order to schedule the uplink transmission.

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1.2.6**   *P* **161**   *L* **33**   # 5

Frazier, Howard   Broadcom Corp

Comment Type   **ER**   *Comment Status* **X**

"the par" s/b "a pair".

SuggestedRemedy

per comment.

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1.2.6**   *P* **162**   *L* **64**   # 191

Hajduczenia, Marek   ZTE Corporation

Comment Type   **T**   *Comment Status* **X**

"however this is out of scope of IEEE Std 802.3." > "however, their specification is out of scope of IEEE Std 802.3."

SuggestedRemedy

clarification per comment

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1.2.7**   *P* **163**   *L* **13**   # 200

Hajduczenia, Marek   ZTE Corporation

Comment Type   **E**   *Comment Status* **X**

"improving the link BER from 10-4 to 10-12,"
use superscripts when refering to BER levels

SuggestedRemedy

Per coment

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1.2.7**   *P* **163**   *L* **13**   # 209

Anslow, Peter   Ciena

Comment Type   **E**   *Comment Status* **X**

In "the link BER from 10-4 to 10-12" the "-4" and "-12" should be superscripts

SuggestedRemedy

Make them superscripts

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1.2.7**   *P* **163**   *L* **27**   # 210

Anslow, Peter   Ciena

Comment Type   **E**   *Comment Status* **X**

In "is added to the extended Gigabit Ethernet PCS per definitions, per 65.2 in IEEE Std 802.3." the "per definitions" is superfluous

SuggestedRemedy

Change to "is added to the extended Gigabit Ethernet PCS per 65.2 in IEEE Std 802.3."

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **10**
SC **10.1.2.7**

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Cl **10**   *SC* **10.1.3**   *P* **164**   *L* **20**   # 197
Hajduczenia, Marek   ZTE Corporation

Comment Type **TR**   *Comment Status* **X**

In Figure 10-6, FEC should not be shown as an independent sublayer, compare with figure 10-2. FEC is a PCS function and not a sublayer in its own rights.

SuggestedRemedy

Per comment.

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1.3**   *P* **164**   *L* **37**   # 192
Hajduczenia, Marek   ZTE Corporation

Comment Type **T**   *Comment Status* **X**

" defined in Clause 14, and Etherlike MIB module defined in Clause 11" - is Clause 14 and Clause 11 you refer to located in this draft? If so, the link is not live ...

SuggestedRemedy

Per comment

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.1.3**   *P* **164**   *L* **51**   # 193
Hajduczenia, Marek   ZTE Corporation

Comment Type **T**   *Comment Status* **X**

"It is a bit different from the EPON layering diagram, " > "It is a different from the EPON layering diagram, " - we do want to avoid undefined quantifiers ...
also in line 54: "it is more convenient and neat to partition the management of the layers " > comment #25 against D1.2 was not implementd correctly.

SuggestedRemedy

Per comment.

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.2**   *P* **166**   *L* **1**   # 194
Hajduczenia, Marek   ZTE Corporation

Comment Type **T**   *Comment Status* **X**

Table 10-2 and Table 10-1 should be replaced in terms of order i.e. first show a table for an ONU prior to initialization and then the table for the ONU after initialization (in working more) - otherwise it is confusing

SuggestedRemedy

per comment

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.2**   *P* **167**   *L* **1**   # 195
Hajduczenia, Marek   ZTE Corporation

Comment Type **T**   *Comment Status* **X**

Again, Table 10-4 and Table 10-3 should be reversed in terms of order i.e. first show initial state of the OLT tables (10-4) and only then state of the OLT tables in operating mode (10-3).

SuggestedRemedy

Per comment

Proposed Response   *Response Status* **O**

Cl **10**   *SC* **10.2**   *P* **167**   *L* **35**   # 201
Hajduczenia, Marek   ZTE Corporation

Comment Type **E**   *Comment Status* **X**

Items "ONU1_MAC_Address is the MAC address of ONU1 EPON interface.
ONU2_MAC_Address is the MAC address of ONU2 EPON interface.
BRCT_MAC_Address is the MAC address of the broadcast EPON interface, which is the OLT MAC
address." should be bulleted to improve readability.

SuggestedRemedy

Per comment.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **10**
SC **10.2**

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Cl **10**	*SC* **10.3.1**	*P* **168**	*L* **40**	# 221

Anslow, Peter   Ciena

Comment Type **T**   *Comment Status* **X**

"Implementing this module therefore MUST require implementation of ..." would be better with "MUST" replaced by "shall"

SuggestedRemedy

Change to "Implementing this module therefore shall require implementation of ..."

Likewise in 10.3.2 change "implementing this module MUST require implementation of" to "implementing this module shall require implementation of"

Proposed Response   *Response Status* **O**

Cl **10**	*SC* **10.3.1**	*P* **168**	*L* **41**	# 198

Hajduczenia, Marek   ZTE Corporation

Comment Type **TR**   *Comment Status* **X**

"Implementing this module therefore MUST require implementation" - not quire sure whether MUST can stay in the text like this. Even though the text was improted from an RFC, it should be adapted to IEEE 802.3 specification language. Otherwise it is confusing what this MUST means and how it should be interpreted.

SuggestedRemedy

Per comment

Proposed Response   *Response Status* **O**

Cl **10**	*SC* **10.3.1**	*P* **168**	*L* **41**	# 7

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Discuss in committee to perfect the wording. Here is a start:
Therefore, if this module is implemented, then the Interfaces MIB module defined in RFC2863 and the Ethernet-like Interfaces MIB module defined in Clause 11 shall also be implemented.

Proposed Response   *Response Status* **O**

Cl **10**	*SC* **10.3.1**	*P* **169**	*L* **8**	# 199

Hajduczenia, Marek   ZTE Corporation

Comment Type **TR**   *Comment Status* **X**

This is a comment against Table 10-5, 10-6, 10-7 and 10-8. It is not immediately clear where values such as "ONU2_octets_number" are defined. Per discussion during comments resolution of comments against D1.2, it was agreed that reference would be added to each table, indicating where individual variables / constants can be found. No text was added

SuggestedRemedy

Per comment

Proposed Response   *Response Status* **O**

Cl **10**	*SC* **10.3.2**	*P* **173**	*L* **51**	# 8

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Discuss in committee to perfect the wording. Here is a start:
Therefore, if this module is implemented, then the MAU-MIB module defined in Clause 14 shall also be implemented.

Proposed Response   *Response Status* **O**

Cl **10**	*SC* **10.6**	*P* **181**	*L* **64**	# 134

Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**

16nsec

SuggestedRemedy

16 ns (several times)

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **10**
SC **10.6**

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Cl **11**   *SC* **11.2.2**   *P* **222**   *L* **9**   # 9
Frazier, Howard   Broadcom Corp

Comment Type **T**   *Comment Status* **X**
Use of "must".
It appears that the usage is acceptable in this case.

SuggestedRemedy
Leave it as is.

Proposed Response   *Response Status* **O**

Cl **11**   *SC* **11.2.2.4**   *P* **222**   *L* **45**   # 10
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must". The reserved word "must" appears to be improperly used in this case, by
IEEE conventions.
This is another tricky one. The whole paragraph could be re-written and the historical
warning moved to a footnote. In addition, the next paragraph uses "REQUIRED" instead of
"shall".

SuggestedRemedy
Dicuss in committee to perfect the wording. Here is a start:
All Ethernet-like interfaces shall return ethernetCsmacd(6) for ifType.
Information on the particular port type and operating speed is available from ifSpeed in the
Interfaces MIN, and ifMauType in the MAU-MIB defined in Clause 14. All Ethernet-like
interfaces shall also implement the MAU-MIB defined in Clause 14.(footnote)

footnote - There are three other interface types defined in IANAifType-MIB for Ethernet,
namely fastEther(62), fastEtherFX(69), and gigabitEthernet(117). Management applications
should be prepared to receive these obsolete ifType values from older implementations.

Proposed Response   *Response Status* **O**

Cl **11**   *SC* **11.2.2.5**   *P* **222**   *L* **57**   # 11
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions.

SuggestedRemedy
Change "must" to "shall".

Proposed Response   *Response Status* **O**

Cl **11**   *SC* **11.2.2.7**   *P* **224**   *L* **43**   # 12
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions.

SuggestedRemedy
Change "must" to "shall".

Proposed Response   *Response Status* **O**

Cl **11**   *SC* **11.2.2.8**   *P* **225**   *L* **15**   # 222
Anslow, Peter   Ciena

Comment Type **T**   *Comment Status* **X**
"Note that these object MUST NOT indicate a doubled value when operating in full-duplex
mode. It MUST indicate the correct line speed regardless of the current duplex mode."
would be better with the two "MUST"s replaced by "shall"

SuggestedRemedy
Replace the two "MUST"'s with "shall"

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **11**
SC **11.2.2.8**

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Cl **11**   *SC* **11.2.2.8**   *P* **225**   *L* **15**   # 13
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions, and also in the next sentence. Also, I don't think it is wise to begin a
statement of a normative requirement with "Note that".

SuggestedRemedy
Discuss in committee to perfect the wording. Here is a start:
These objects shall indicate the correct line speed regardless of the current duplex mode.
They shall not indicate a doubled value when operating in full-duplex mode. The duplex
mode of the interface may be determined by examining either the dot3StatsDuplexStatus
object in this MIB module,
or the ifMauType MAU-MIB object defined in Clause 14.

Proposed Response   *Response Status* **O**

Cl **11**   *SC* **11.4**   *P* **243**   *L* **60**   # 138
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
64 bit

SuggestedRemedy
64-bit (nine or ten times in the document)

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.1**   *P* **257**   *L* **16**   # 223
Anslow, Peter   Ciena

Comment Type **T**   *Comment Status* **X**
"Bit Error Rate (BER)" should be "Bit Error Ratio (BER)" as per the abbreviations in clause 4

SuggestedRemedy
Change "Bit Error Rate" to "Bit Error Ratio" here and also on page 280 line 15

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.1**   *P* **257**   *L* **20**   # 213
Anslow, Peter   Ciena

Comment Type **E**   *Comment Status* **X**
Space missing in "margin).This"

SuggestedRemedy
Add space

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.2.1.5**   *P* **262**   *L* **48**   # 14
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions. Also, I don't think it is wise to begin a statement of a normative requirement
with "Note that".

SuggestedRemedy
"Each PME and each PCS in the EFMCu PHY shall have a unique index..."

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.4**   *P* **266**   *L* **44**   # 214
Anslow, Peter   Ciena

Comment Type **E**   *Comment Status* **X**
"There is a number of managed objects defined in the .." should be "There are a number of
managed objects defined in the .."

SuggestedRemedy
Change "There is" to "There are"

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **12**
SC **12.4**

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Cl **12**   *SC* **12.4**   *P* **267**   *L* **5**   # 15
Frazier, Howard   Broadcom Corp

Comment Type **T**   *Comment Status* **X**
Use of "must".
It appears that the usage is acceptable in this case.

SuggestedRemedy
Leave it as is. This is clearly an "unavoidable situation".

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.5**   *P* **267**   *L* **22**   # 125
Romascanu, Dan   Avaya

Comment Type **TR**   *Comment Status* **X**
Did the WG discuss what will happen with modules that are being
maintained by IANA? Is the plan to take over the administration and move
the registry control under IEEE, or to continue to require IANA to
maintain the modules? This will obviously impact the content of the IANA
considerations sections like 12.5 or 14.5.

SuggestedRemedy
In any case IANA should be contacted after the WG makes a decision,
and the process needs to be confirmed before the final approval of the
document.

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **272**   *L* **25**   # 16
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy
Change "must also exist" to "also exists".

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **274**   *L* **54**   # 17
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "RECOMEMNDED" and "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions, and it would be better to consistently use "should" rather than
"RECOMMENDED".

SuggestedRemedy
Reword the description as follows:
"A unique value, greater than zero, for each PME configuration
profile in the managed EFMCu port. Values should be assigned contiguously starting from
1. The value for each profile shall remain constant at
least from one re-initialization of the entity's network management system
to the next re-initialization."

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **275**   *L* **29**   # 19
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions.
Could perhaps make the case for "unavoidable situation".

SuggestedRemedy
Change "must" to "shall".

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **275**   *L* **7**   # 18
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE
conventions.
Could perhaps make the case for "unavoidable situation".

SuggestedRemedy
Change "must" to "shall".

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line
Cl **12**
SC **12.6**
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Cl **12**   *SC* **12.6**   *P* **276**   *L* **37**   # 20

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Change "must" to "shall".

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **277**   *L* **42**   # 21

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of "must".
The reserved word "must" appears to be improperly used in this case, by IEEE conventions.

SuggestedRemedy

Change "must" to "shall".

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **277**   *L* **50**   # 22

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of "must" and "shall".
This is an interesting case. The description of this object uses several shall and must statements. In most cases, I agree with the usage (save for capitalization), but in the last use, on page 278, line 9, I think that MUST should be changed to "shall".

SuggestedRemedy

Decapitalize "SHALL" and "MUST" in this description. Change "MUST" to "shall" on page 278, line 9 [Attempts to change this object shall be rejected...].

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **278**   *L* **27**   # 23

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of must and shall.
Another case of mixed usage of must and shall, and this time I think that most of the musts should be shalls.

SuggestedRemedy

Decapitalize must and shall (probably need to do a GSR).
Change must to shall on p 278 l 54.
Change must to shall on p 278 l 62 [Attempts to change this object shall...].
Change must to shall on p 279 l 1.
Change must to shall on p 279 l 6.

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **279**   *L* **42**   # 24

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of must and shall.
Another case of mixed usage of must and shall, and this time I think that most of the musts should be shalls.

SuggestedRemedy

Decapitalize must and shall (probably need to do a GSR).
Change must to shall on p 279 l 56 [Attempts to change this object shall...].
Change must to shall on p 279 l 64.

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **280**   *L* **22**   # 25

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of must.
Another case of mixed usage of must, and this time I think that most of the musts should be shalls.

SuggestedRemedy

Change must to shall on p 280 l 24 [Attempts to change this object shall...].
Change must to shall on p 280 l 31.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **12**
SC **12.6**

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Cl **12**   *SC* **12.6**   *P* **280**   *L* **46**   # 26

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of must and shall.
Another case of mixed usage of must and shall, and this time I think that most of the musts should be shalls.

SuggestedRemedy

Decapitalize must and shall (probably need to do a GSR).
Change must to shall on p 280 l 63 [Attempts to change this object shall...].
Change must to shall on p 281 l 2.

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **281**   *L* **22**   # 27

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of must.
inconsistent with IEEE style.

SuggestedRemedy

Change must to shall on p 281 l 22.
Change must to shall on p 281 l 42.
Change must to shall on p 281 l 53.
Change must to shall on p 290 l 30.

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **292**   *L* **15**   # 28

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of must and shall.
Another case of mixed usage of must and shall, and this time I think that most of the musts should be shalls.

SuggestedRemedy

Decapitalize must and shall (probably need to do a GSR).
Change must to shall on p 292 l 20.
Change must to shall on p 292 l 26 Attempts to change this object shall...].
Change must to shall on p 292 l 31.
Change must to shall on p 292 l 35.

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **292**   *L* **51**   # 29

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of must and shall.
Another case of mixed usage of must and shall, and this time I think that most of the musts should be shalls.

SuggestedRemedy

Decapitalize must and shall (probably need to do a GSR).
Change must to shall on p 293 l 4 Attempts to change this object shall...].
Change must to shall on p 293 l 38 Attempts to change this object shall...].
Change must to shall on p 294 l 2 Attempts to change this object shall...].

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **295**   *L* **34**   # 31

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of must.
inconsistent with IEEE style

SuggestedRemedy

Change must to shall.

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **302**   *L* **48**   # 30

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status* **X**

Use of must and shall.
Another case of mixed usage of must and shall.

SuggestedRemedy

Decapitalize must and shall (probably need to do a GSR).
Change "MUST NOT" to "shall not" p 302 l 48.
Change must to shall on p 302 l 54.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **12**
SC **12.6**

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Cl **12** *SC* **12.6**   *P* **303** *L* **13**   # 32

Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**

Use of must.
inconsistent with IEEE style

SuggestedRemedy

Change must to shall on p 303 l 13.
change "MUST NOT" to "shall not" on p 303 l 16.

Proposed Response   *Response Status* **O**

Cl **12** *SC* **12.6**   *P* **304** *L* **47**   # 33

Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**

use of must.
inconsistent with IEEE style.

SuggestedRemedy

Change must to shall on p 304 l 47.

Proposed Response   *Response Status* **O**

Cl **12** *SC* **12.6**   *P* **305** *L* **18**   # 34

Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**

use of must.
inconsistent with IEEE style.

SuggestedRemedy

change must to shall on p 305 l 18.
change must to shall on p 305 l 51.

Proposed Response   *Response Status* **O**

Cl **12** *SC* **12.6**   *P* **306** *L* **53**   # 35

Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**

mixed usage of must and shall.

SuggestedRemedy

Decapitalize must and shall (probably need to do a GSR).
change must to shall on p 306 l 53.
change "SHALL NOT" to "shall not" on p 306 l 56.
I think that the use of must on line 57 falls under the
"unavoidable situation" clause.

Proposed Response   *Response Status* **O**

Cl **12** *SC* **12.6**   *P* **307** *L* **13**   # 36

Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**

use of must.
inconsistent with IEEE style

SuggestedRemedy

Change "MUST NOT" to "shall not" on p 307 l 13.
change must to shall on p 307 l 17.

Proposed Response   *Response Status* **O**

Cl **12** *SC* **12.6**   *P* **308** *L* **16**   # 37

Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**

mixed usage of must and shall.

SuggestedRemedy

Decapitalize must and shall (probably need to do a GSR).
change must to shall on p 308 l 16.
change "SHALL NOT" to "shall not" on p 308 l 18.
I think that the use of must on line 20 falls under the
"unavoidable situation" clause.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **12**
SC **12.6**

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Cl **12**   *SC* **12.6**   *P* **309**   *L* **26**   # 40

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

use of must.
inconsistent with IEEE style.
This is an ambiguously stated requirement. Is it okay to exceed two
or three, of the limitations?
I think that the requirement is that the data rate not exceed any of
the limitations.

SuggestedRemedy

Change the sentence to read:
When a 2BASE-TL PME is initialized, its data rate shall not
exceed the following limitations:

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **309**   *L* **37**   # 39

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

Use of "RECOMEMNDED".
It would be better to consistently use "should" rather than "RECOMMENDED".

SuggestedRemedy

Reword the sentence as follows:

efmCuPme2BEquivalentLength values should be assigned in increasing order, starting
from the minimum value.

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **309**   *L* **8**   # 38

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

use of must.
inconsistent with IEEE style

SuggestedRemedy

Change "MUST NOT" to "shall not" on p 309 l 9.
Change must to shall on p 309 l 11.

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **310**   *L* **53**   # 41

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

mixed usage of must and shall

SuggestedRemedy

Decapitalize must and shall (probably need to do a GSR).
change must to shall on p 310 l 53.
change "SHALL NOT" to "shall not" on p 310 l 55.
I think that the use of must on line 56 falls under the
"unavoidable situation" clause.

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **311**   *L* **42**   # 42

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

mixed usage of must and shall

SuggestedRemedy

Decapitalize must and shall (probably need to do a GSR).
Change "MUST NOT" to "shall not" on p 311 l 43.
Change must to shall on p 311 l 50.

Proposed Response   *Response Status* **O**

Cl **12**   *SC* **12.6**   *P* **312**   *L* **10**   # 43

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

use of must.
inconsistent with IEEE style.

SuggestedRemedy

Change must to shall on p 312 l 10.
Change "MUST NOT" to "shall not" on p 312 l 12.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **12**
SC **12.6**

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Cl **12**   *SC* **12.6**   *P* **316**   *L* **65**   # 44

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

mixed usage of must and shall.

SuggestedRemedy

Decapitalize must and shall (probably need to do a GSR).
change must to shall on p 316 l 65.
change "SHALL NOT" to "shall not" on p 317 l 3.
I think that the use of must on p 317 line 4 falls under the
"unavoidable situation" clause.

Proposed Response   *Response Status*   **O**

Cl **13**   *SC* **13.1.1**   *P* **323**   *L* **56**   # 45

Frazier, Howard   Broadcom Corp

Comment Type   **E**   *Comment Status*   **X**

There is an extra space at the beginning of the paragraph.

SuggestedRemedy

remove the space.

Proposed Response   *Response Status*   **O**

Cl **13**   *SC* **13.1.2**   *P* **324**   *L* **4**   # 224

Anslow, Peter   Ciena

Comment Type   **T**   *Comment Status*   **X**

"and an agent implementing the objects defined in this memo MUST implement the objects
required by" would be better with the "MUST" replaced by "shall"

SuggestedRemedy

Replace the "MUST" with "shall"

Proposed Response   *Response Status*   **O**

Cl **13**   *SC* **13.1.2**   *P* **324**   *L* **4**   # 46

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

Use of must.
inconsistent with IEEE style

SuggestedRemedy

suggest rewording as follows.
An interface which includes the Ethernet WIS is, by definition, an Ethernet-like interface,
and an agent
implementing the objects defined in this clause shall also implement the objects required
by the Ethenet-like interface MIB module defined in Clause 11.

Proposed Response   *Response Status*   **O**

Cl **13**   *SC* **13.1.4.2**   *P* **324**   *L* **63**   # 225

Anslow, Peter   Ciena

Comment Type   **T**   *Comment Status*   **X**

"The ifTable MUST be used" would be better with the "MUST" replaced by "shall"
Same for 13.1.4.3 and 13.1.4.4

SuggestedRemedy

Replace the "MUST" with "shall"
Same for 13.1.4.3 and 13.1.4.4

Proposed Response   *Response Status*   **O**

Cl **13**   *SC* **13.1.4.2**   *P* **324**   *L* **63**   # 47

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

use of must is inconsistent with IEEE style, and the references to
RFC 3635 and RFC 3636 should be changed to point to Clauses 11 and 14,
respectively.

SuggestedRemedy

suggest rewording as follows.
The ifTable shall be used as specified in Clauses 11 and 14 for the LLC Layer/MAC
Layer/Reconciliation Sublayer/Physical Coding Sublayer.

Proposed Response   *Response Status*   **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **13**
SC **13.1.4.2**

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Cl **13**　　*SC* **13.1.4.3**　　　　　*P* **325**　　*L* **4**　　　# 48
Frazier, Howard　　　　　　　　　　　Broadcom Corp

Comment Type　**TR**　　*Comment Status*　**X**
use of must inconsistent with IEEE style

SuggestedRemedy
suggest rewording as follows.
The ifTable shall be used...

Proposed Response　　　*Response Status*　**O**

Cl **13**　　*SC* **13.1.4.4**　　　　　*P* **325**　　*L* **10**　　　# 49
Frazier, Howard　　　　　　　　　　　Broadcom Corp

Comment Type　**TR**　　*Comment Status*　**X**
use of must inconsistent with IEEE style

SuggestedRemedy
suggest rewording as follows.
The ifTable shall be used...

Proposed Response　　　*Response Status*　**O**

Cl **13**　　*SC* **13.1.5**　　　　　*P* **325**　　*L* **44**　　　# 50
Frazier, Howard　　　　　　　　　　　Broadcom Corp

Comment Type　**TR**　　*Comment Status*　**X**
use of must inconsistent with IEEE style

SuggestedRemedy
suggest rewording as follows:
An implementation of the MIB module defined in this memo
shall set the...

Proposed Response　　　*Response Status*　**O**

Cl **13**　　*SC* **13.1.5**　　　　　*P* **325**　　*L* **44**　　　# 226
Anslow, Peter　　　　　　　　　　　Ciena

Comment Type　**T**　　*Comment Status*　**X**
This "MUST" would be better as a "shall"

SuggestedRemedy
Replace the "MUST" with "shall"

Proposed Response　　　*Response Status*　**O**

Cl **13**　　*SC* **13.1.7**　　　　　*P* **330**　　*L* **38**　　　# 51
Frazier, Howard　　　　　　　　　　　Broadcom Corp

Comment Type　**T**　　*Comment Status*　**X**
use of must.
I think it may be used appropriately in this case.

SuggestedRemedy
Leave it as is.

Proposed Response　　　*Response Status*　**O**

Cl **13**　　*SC* **13.1.8.1**　　　　　*P* **330**　　*L* **52**　　　# 227
Anslow, Peter　　　　　　　　　　　Ciena

Comment Type　**T**　　*Comment Status*　**X**
The two "MUST"s would be better as "shall"s
Same for 13.1.8.2 through 13.1.8.4

SuggestedRemedy
Replace the "MUST"s with "shall"s
Same for 13.1.8.2 through 13.1.8.4

Proposed Response　　　*Response Status*　**O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **13**
SC **13.1.8.1**

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Cl **13**   *SC* **13.1.8.1**   *P* **330**   *L* **53**   # 52

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

use of must inconsistent with IEEE style.

SuggestedRemedy

Change must to shall in two places in this sentence:
The etherWisDeviceTable is a sparse augmentation of the sonetMediumTable
of the SONET-MIB -- in other words, for each entry in the etherWisDeviceTable there shall
be an entry in the sonetMediumTable and the
same ifIndex value shall be used for both entries.

Proposed Response   *Response Status*   **O**

Cl **13**   *SC* **13.1.8.2**   *P* **330**   *L* **64**   # 53

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

use of must inconsistent with IEEE style.

SuggestedRemedy

Change must to shall in two places in this sentence:
The etherWisSectionCurrentTable is a sparse augmentation of the
sonetSectionCurrentTable of the SONETMIB -- in other words, for each entry in the
etherWisSectionCurrentTable there shall be an entry in the
sonetSectionCurrentTable and the same ifIndex value shall be used for both entries.

Proposed Response   *Response Status*   **O**

Cl **13**   *SC* **13.1.8.3**   *P* **334**   *L* **39**   # 54

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

use of must inconsistent with IEEE style.

SuggestedRemedy

Change must to shall in two places in this sentence:
The etherWisPathCurrentTable is a sparse augmentation of the sonetPathCurrentTable of
the SONET-MIB -- in other words, for each entry in the etherWisPathCurrentTable there
shall be an entry in the sonetPath-
CurrentTable and the same ifIndex value shall be used for both entries.

Proposed Response   *Response Status*   **O**

Cl **13**   *SC* **13.1.8.4**   *P* **334**   *L* **52**   # 55

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

use of must inconsistent with IEEE style.

SuggestedRemedy

Change must to shall in two places in this sentence:
The etherWisFarEndPathCurrentTable is a sparse augmentation of the
sonetFarEndPathCurrentTable of the SONET-MIB -- in other words, for each entry in the
etherWisFarEndPathCurrentTable there shall be an
entry in the sonetFarEndPathCurrentTable and the same ifIndex value shall be used for
both entries.

Proposed Response   *Response Status*   **O**

Cl **13**   *SC* **13.2**   *P* **335**   *L* **8**   # 56

Frazier, Howard   Broadcom Corp

Comment Type   **T**   *Comment Status*   **X**

use of must.
This is an example of an "unavoidable situation".

SuggestedRemedy

Leave it as is.

Proposed Response   *Response Status*   **O**

Cl **13**   *SC* **13.3**   *P* **338**   *L* **34**   # 57

Frazier, Howard   Broadcom Corp

Comment Type   **TR**   *Comment Status*   **X**

use of must inconsistent with IEEE style.

SuggestedRemedy

Change must to shall.

Proposed Response   *Response Status*   **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **13**
SC **13.3**

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Cl **13**   *SC* **13.3**   *P* **339**   *L* **39**   # 59

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

use of must inconsistent with IEEE style.
Also on line 43.

SuggestedRemedy

change must to shall on p 339 l 39.
change must to shall on p 339 l 43.

Proposed Response   *Response Status* **O**

Cl **13**   *SC* **13.3**   *P* **339**   *L* **7**   # 58

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

use of must inconsistent with IEEE style.
Also on line 11.

SuggestedRemedy

change must to shall on p 339 l 7.
change must to shall on p 339 l 11.

Proposed Response   *Response Status* **O**

Cl **13**   *SC* **13.3**   *P* **340**   *L* **30**   # 60

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

use of must inconsistent with IEEE style.

SuggestedRemedy

Change must to shall on p 340 l 30.

Proposed Response   *Response Status* **O**

Cl **13**   *SC* **13.3**   *P* **341**   *L* **29**   # 61

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

use of must inconsistent with IEEE style.

SuggestedRemedy

Change must to shall on p 341 l 29.

Proposed Response   *Response Status* **O**

Cl **13**   *SC* **13.3**   *P* **341**   *L* **62**   # 62

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

use of must inconsistent with IEEE style.

SuggestedRemedy

Change must to shall on p 341 l 62.
Change must to shall on p 342 l 5.
Change must to shall on p 342 l 15.

Proposed Response   *Response Status* **O**

Cl **13**   *SC* **13.3**   *P* **343**   *L* **15**   # 63

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

use of must inconsistent with IEEE style.

SuggestedRemedy

Change must to shall on p 343 l 15.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **13**
SC **13.3**

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Cl **13**   *SC* **13.3**   *P* **343**   *L* **51**   # 64
Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**
use of must inconsistent with IEEE style.
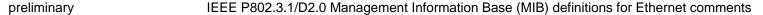
SuggestedRemedy
Change must to shall on p 343 l 51.

Proposed Response   *Response Status* **O**

Cl **14**   *SC*   *P* **15**   *L* **5**   # 279
Grow, Robert   Intel

Comment Type **E**   *Comment Status* **D**
The title isn't change marked (not shown as the instruction indicates), to not mark, it would need to be a Replace instruction.

SuggestedRemedy
Either change mark or change the editing instruction.

Proposed Response   *Response Status* **Z**

This comment was WITHDRAWN by the commenter.

Cl **14**   *SC*   *P* **351**   *L* **1**   # 298
Ganga, Ilango   Intel

Comment Type **TR**   *Comment Status* **X**
Clause 14 Ethernet MAU MIB module does not include the changes needed to support managed objects for 40 and 100 Gb/s MAUs. Since P802.3ba final draft is expected to be ratified by Jun'10, we should include the managed objects and changes needed to support 40 and 100 Gb/s MAUs (see Clause 30 in P802.3ba-D3.2).

SuggestedRemedy
Include managed objects and changes to existing managed objects required to support 40 Gb/s and 100 Gb/s (as specified in P802.3ba). Could be applicable to Clause 14 and other clauses/annexes (e.g Annex B and Annex C).

Proposed Response   *Response Status* **O**

Cl **14**   *SC* **14.10.3**   *P* **21**   *L* **11**   # 280
Grow, Robert   Intel

Comment Type **ER**   *Comment Status* **D**
The introductory text to the PICS table item in this subclause needs to be modified with this approach.

SuggestedRemedy
Change introductory sentence to read: Check Y [ ] if the MAU identified in the previous subclause implements either 10BASE-T or 10BASE-Te;
check N [ ] if otherwise and attach an explanation.

Proposed Response   *Response Status* **Z**

This comment was WITHDRAWN by the commenter.

Cl **14**   *SC* **14.10.4.5.12**   *P* **21**   *L* **29**   # 281
Grow, Robert   Intel

Comment Type **E**   *Comment Status* **D**
Follow style guide or renumber? This one is a strong case for numbering TS1a rather than renumbering.

SuggestedRemedy
In harmonization with other amendments per decision of the WG Chair, I believe this should be renumbered as TS1a with the editing instruction modified to read: Change TS1 also inserting TS1a as follows:

Make consistent changes for 14.10.4.7.1.

Proposed Response   *Response Status* **Z**

This comment was WITHDRAWN by the commenter.

Cl **14**   *SC* **14.2.1**   *P* **351**   *L* **60**   # 141
Dawe, Piers   IPtronics

Comment Type **T**   *Comment Status* **X**
What is "Jack type"? As it's a capital J, there should be a definition. I don't see one here or in 802.3

SuggestedRemedy
Add definition or eliminate the term.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **14**
SC **14.2.1**

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Cl **14** *SC* **14.2.1**   *P* **352** *L* **1** # 140

Dawe, Piers   IPtronics

Comment Type **E** *Comment Status* **X**

"will" is deprecated.

SuggestedRemedy

Be more sparing with the wills.

Proposed Response *Response Status* **O**

Cl **14** *SC* **14.2.1**   *P* **352** *L* **10** # 139

Dawe, Piers   IPtronics

Comment Type **E** *Comment Status* **X**

"It should be noted that the working group was not able to find": that's the second "It should be noted that" in one paragraph. If we write it, it should be noted - this is just padding.

SuggestedRemedy

Delete.

Proposed Response *Response Status* **O**

Cl **14** *SC* **14.2.2.1**   *P* **352** *L* **25** # 228

Anslow, Peter   Ciena

Comment Type **T** *Comment Status* **X**

The two "MUST"s would be better as "shall"s
Same for the "MUST" in 14.2.2.2

SuggestedRemedy

Replace the "MUST"s with "shall"s
Same for the "MUST" in 14.2.2.2

Proposed Response *Response Status* **O**

Cl **14** *SC* **14.2.2.1**   *P* **352** *L* **25** # 65

Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**

use of must inconsistent with IEEE style.

SuggestedRemedy

Change must to shall on p 352 l 25.

Proposed Response *Response Status* **O**

Cl **14** *SC* **14.2.2.1**   *P* **352** *L* **36** # 66

Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**

use of must inconsistent with IEEE style.
In the first instance in this sentence, must should be changed to shall.
In the second instance, it may be appropriate to leave it as must.

SuggestedRemedy

Change the first instance of must to shall:

...then the agent shall also support the Ethernet WAN Interface Sublayer
(WIS) MIB module defined in Clause 13, and must follow the interface layering model
specified therein.

Proposed Response *Response Status* **O**

Cl **14** *SC* **14.2.2.2**   *P* **352** *L* **59** # 67

Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**

use of must inconsistent with IEEE style

SuggestedRemedy

change must to shall on p 352 l 59.

Proposed Response *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **14**
SC **14.2.2.2**

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Cl **14** *SC* **14.3** *P* **355** *L* **50** # 296
Barnette, Jim   Vitesse Semiconducto

Comment Type **E** *Comment Status* **X**
Bulleted list formatting incorrect.

SuggestedRemedy
Replace "i) o " with a proper bullet paragraph format.

Proposed Response *Response Status* **O**

Cl **14** *SC* **14.5** *P* **361** *L* **17** # 68
Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**
use of must inconsistent with IEEE style

SuggestedRemedy
change must to shall on p 361 l 17.

Proposed Response *Response Status* **O**

Cl **14** *SC* **14.5** *P* **366** *L* **23** # 69
Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**
use of must inconsistent with IEEE style

SuggestedRemedy
change must to shall on p 366 l 23.

Proposed Response *Response Status* **O**

Cl **14** *SC* **14.5** *P* **367** *L* **63** # 70
Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**
use of must inconsistent with IEEE style

SuggestedRemedy
change must to shall on p 367 l 63.

Proposed Response *Response Status* **O**

Cl **14** *SC* **14.5** *P* **370** *L* **10** # 300
Ganga, Ilango   Intel

Comment Type **TR** *Comment Status* **X**
Update ifMauFECCorrectedBlocks object description as per changes specified in 30.5.1.15 (see P802.3ba-D3.2)

Update ifMauFECUnCorrectableBlocks object description as per changes specified in 30.5.1.15 (see P802.3ba-D3.2)

SuggestedRemedy
As per comment

Proposed Response *Response Status* **O**

Cl **14** *SC* **14.5** *P* **370** *L* **4** # 299
Ganga, Ilango   Intel

Comment Type **TR** *Comment Status* **X**
Update ifMauFECMode object description as per changes specified in 30.5.1.1.14 (see P802.3ba-D3.2)

SuggestedRemedy
As per comment

Proposed Response *Response Status* **O**

Cl **14** *SC* **14.5** *P* **373** *L* **46** # 71
Frazier, Howard   Broadcom Corp

Comment Type **TR** *Comment Status* **X**
use of must inconsistent with IEEE style

SuggestedRemedy
change must to shall on p 373 l 46.

Proposed Response *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **14**
SC **14.5**

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Cl **14**   *SC* **14.5**   *P* **376**   *L* **52**   # 72

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

use of must inconsistent with IEEE style,
and I like the language that I suggested
previously about limiting the rate at which
notifications are generated.

SuggestedRemedy

Suggest rewording as follows:
There shall be a minimum interval of 5 seconds between rpMauJabberTraps notifications
from a given repeater.

Proposed Response   *Response Status* **O**

Cl **14**   *SC* **14.5**   *P* **377**   *L* **1**   # 73

Frazier, Howard   Broadcom Corp

Comment Type **TR**   *Comment Status* **X**

use of must inconsistent with IEEE style,
and I like the language that I suggested
previously about limiting the rate at which
notifications are generated.

SuggestedRemedy

Suggest rewording as follows:
There shall be a minimum interval of 5 seconds between ifMauJabberTraps notifications
from a given interface.

Proposed Response   *Response Status* **O**

Cl **99**   *SC*   *P* **11**   *L* **8**   # 276

Grow, Robert   Intel

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

Line wrap problem caused by breaking hyphen in title.

SuggestedRemedy

Replace with breaking hyphen in clause 14 title or optionally retain as comment to be
passed to publication editor if only fixed at publication. Also line 53 (36.7 title).

Proposed Response   *Response Status* **Z**

This comment was WITHDRAWN by the commenter.

Cl **99**   *SC*   *P* **3**   *L*   # 238

Thompson, Geoff   GraCaSI

Comment Type **ER**   *Comment Status* **X**

No introduction has been supplied

SuggestedRemedy

A draft is supposed to be complete before WG ballot. To have a placeholder rather than
proposed text does not meet the requirment of completion.
Please supply introductory text.

Proposed Response   *Response Status* **O**

Cl **99**   *SC* **6**   *P*   *L*   # 239

Thompson, Geoff   GraCaSI

Comment Type **ER**   *Comment Status* **X**

It is pretty obvious that the SASB is not going to approve this document in 2008

SuggestedRemedy

Replace "2008" with "201N"

Proposed Response   *Response Status* **O**

Cl **99**   *SC* **99**   *P* **iii**   *L*   # 175

Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**

Line numbers missing

SuggestedRemedy

Add line numbers to front matter

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **99**
SC **99**

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Cl **99**   *SC* **99**   *P***iii**   *L*   # 176
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**
URLs need tidying up, other

SuggestedRemedy
Don't split URLs across lines. Underline all or none. Suggest colour them blue as 802.3ba. More generally, check for differences any differences in front matter boilerplate against a recent project e.g. 802.3ba, use the better alternative, and get the master updated.

Proposed Response   *Response Status*   **O**

Cl **99**   *SC* **99**   *P***iii**   *L*   # 174
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**
Front matter needs an introduction

SuggestedRemedy
Replace the paragraph beginning "An introduction shall be supplied" with an introduction.

Proposed Response   *Response Status*   **O**

Cl **99**   *SC* **99**   *P***iv**   *L*   # 177
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**
Which patent text?

SuggestedRemedy
Either show just the first alternative or add editor's note explaining why you are showing both.

Proposed Response   *Response Status*   **O**

Cl **99**   *SC* **99**   *P***v**   *L*   # 178
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**
Participants and Working Group's name missing

SuggestedRemedy
Fill in.

Proposed Response   *Response Status*   **O**

Cl **99**   *SC* **99**   *P***v**   *L*   # 179
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**
[individual/entity] balloting committee: this isn't an entity balloting committee, but calling it an individual balloting committee is silly, as that means the the opposite of a multiple balloting committee.

SuggestedRemedy
Change to "the balloting committee composed of individuals voted"

Proposed Response   *Response Status*   **O**

Cl **99**   *SC* **99**   *P***vi**   *L*   # 180
Dawe, Piers   IPtronics

Comment Type   **E**   *Comment Status*   **X**
2008

SuggestedRemedy
Change to 201X. Template needs updating.

Proposed Response   *Response Status*   **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **99**
SC **99**

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Cl **99**   *SC* **99**   *P* **viii**   *L*   # 183
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
Contents not apparent in pdf bookmarks

SuggestedRemedy
Please make the contents appear in the pdf bookmarks.

Proposed Response   *Response Status* **O**

Cl **99**   *SC* **99**   *P* **viii**   *L*   # 181
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
Almost empty page

SuggestedRemedy
Start the contents here

Proposed Response   *Response Status* **O**

Cl **99**   *SC* **99**   *P* **xiv**   *L*   # 182
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
Blank page. Even if the publisher insists on adding blank pages, we don't need them for drafts, and Frame makes it easy to control this (there are switches at file and book level).

SuggestedRemedy
Start each clause or annex on the next available page.

Proposed Response   *Response Status* **O**

Cl **99**   *SC* **Abstract**   *P* **2**   *L* **5**   # 283
Grow, Robert   Intel

Comment Type **E**   *Comment Status* **X**
Could be better written for longevity, 'recent' is relative.

SuggestedRemedy
'as well as extensions for subsequent amendments'
or
'as well as extensions for additions'

Proposed Response   *Response Status* **O**

Cl **99**   *SC* **Contents**   *P* **9**   *L* **1**   # 284
Grow, Robert   Intel

Comment Type **E**   *Comment Status* **X**
Unnecessary page break

SuggestedRemedy
Remove

Proposed Response   *Response Status* **O**

Cl **A**   *SC* **A**   *P* **383**   *L* **10**   # 185
Dawe, Piers   IPtronics

Comment Type **ER**   *Comment Status* **X**
Cross-referencing could be improved.

SuggestedRemedy
Please number the bibliography entries A1, A2 and so on and refer to them with hyperlinks as [A1], [A2] and so on, as in 802.3.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open   W/written   C/closed   U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **A**
SC **A**

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Cl **A**   *SC* **A**   *P* **383**   *L* **10**   # 186
Dawe, Piers   IPtronics

Comment Type **ER**   *Comment Status* **X**
Cross-referencing could be improved.

SuggestedRemedy
Please number the normative references 1, 2 and so on and refer to them with hyperlinks [1], [2] and so on.

Proposed Response   *Response Status* **O**

Cl **A**   *SC* **A**   *P* **383**   *L* **7**   # 184
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
Some annex titles not apparent in pdf bookmarks.

SuggestedRemedy
Please make the Annex A, B... titles appear in the pdf bookmarks. An easy way to achieve the latter is to order them like the numbered annex titles e.g.
Annex 8A: Topology mapping
(informative)
rather than
Annex A
(informative)
Bibliography

Proposed Response   *Response Status* **O**

Cl **B**   *SC* **B.1.1**   *P* **388**   *L* **4**   # 187
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
Draft says 'See "BEHAVIOUR DEFINED AS" in 30.3.1.1.35;' yet this document does not contain a 30.3.1.1.35.

SuggestedRemedy
Fix (many similar cases).

Proposed Response   *Response Status* **O**

Cl **C**   *SC* **C.1**   *P* **471**   *L* **41**   # 188
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
(i.e., approximately 4.294 × 109)
...
(i.e., approximately 1.844... × 1019)

SuggestedRemedy
You have already said it's approximate, so remove the three dots.

Proposed Response   *Response Status* **O**

Cl **C**   *SC* **C.2**   *P* **472**   *L* **57**   # 189
Dawe, Piers   IPtronics

Comment Type **E**   *Comment Status* **X**
If this ASN.1 module is of use, shouldn't it be available as an ASCII download like the other big blocks of code?

SuggestedRemedy
Make this ASN.1 module available as an ASCII download like the other big blocks of code.

Proposed Response   *Response Status* **O**

Cl **C**   *SC* **C.2**   *P* **484**   *L* **13**   # 190
Dawe, Piers   IPtronics

Comment Type **TR**   *Comment Status* **X**
List of MAU types is not complete. Needs 10GEPON types, in future will need 802.3ba types.

SuggestedRemedy
Add missing MAU types. Note there are two lists, in different places, that are kept in the same order.

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **C**
SC **C.2**

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