P CI 0 SC 0 # I-90 CI 0 SC 0 P4 L5 # 1-8 **Blind Creek Associates** Rolfe, Benjamin Mcclellan, Brett Marvell Semiconductor. Inc. Comment Status X Comment Status X Comment Type TR Comment Type "Removal of a PME from an operationally "up" EFMCu port, aggregating several PMEs. typo 'OAMPUD' may cause the port's rate degradation." "mau cause" is stating a consequence (fact). SuggestedRemedy Which is not correct use of "mav". change OAMPUD to OAMPDU SuggestedRemedy Proposed Response Response Status O Change to: Removal of a PME from an operationally "up" EFMCu port, aggregating several PMEs, might result in rate degradation on the port. CI 0 SC 0 P9L62 Proposed Response Response Status O Mcclellan, Brett Marvell Semiconductor, Inc. Comment Type Comment Status X CI 0 SC 0 $P\mathbf{0}$ L 0 # I-27 typo Rolfe. Beniamin Blind Creek Associates SuggestedRemedy Comment Type TR Comment Status X change Mcclellan to McClellan Reviewing the document for use of normative language, I find that "may" is used more Proposed Response Response Status O often than not incorrectly, to state a possibility rather than a permissible action within the scope of the standard (see clause 1 and 6.4.7 of the IEEE SA Standards Board Operations Manual. In most places "may" is used to describe a consequence, statement of fact or otherwise in an informative, rather than normative, way. I found several instances SC 1 C/ 1 P17 / 1 # I-26 of "may or may not", a clear indication of improper use of normative language. I caught Rolfe, Benjamin Blind Creek Associates quite a few, but likely missed many. I did find correct use of "may", describing permissible (optional) actions defined within this standard. If anyone ever decides to implement the Comment Type GR Comment Status X optional requirements, it will be harder than necessary to find and then verify the correct The editor's note should have been removed prior to balloting this draft. The scope clause implementation of these behaviors. Which makes it more likely these will not be done has been updated to align with the PAR in this draft. correctly. SuggestedRemedy SuggestedRemedy Please remove obsolete note prior to recirculation ballots to avoid confusion.

Proposed Response

Review each use of "may" in the document and repair the incorrect uses, keeping in mind that "within the limits of this standard" (that is, within the scope of what this standard). In each that is stating a consequence of an action, or a statement of fact or possibility. replace "may" with a word not defined by IEEE SA as normative. Ensure the remaining "mays" describe an observable, verifiable action or behavior. As the question "can I test this?" and if not, it is not a proper nominative statement.

Proposed Response Response Status O Response Status O

I-11 C/ 1 SC 1.7 P19 L 49 CI 3 SC 3 P 22 L11 # I-13 Ran, Adee Cisco Systems, Inc. Ran. Adee Cisco Systems, Inc. Comment Status X Comment Status X Comment Type Ε Comment Type T URL "https://linux.die.net/man/1/smilin" should preferably be a hyperlink. This way it will be The definition of "group" says "Within the context of the repeater management easier to check that it is correct. Management Information Base (MIB) module defined in Clause 7 of IEEE Std 802.3.1-Similarly for several other URLs. Some are hyperlinks and some are not. 2013" The year should probably be updated. The string "802.3.1-2013" has 516 instances, many SuggestedRemedy of them in the page heading (469 pages) but apparently there are more. Create hyperlinks for all URLs in body text (not in the MIB content). In addition, the word "group" is generic and is used in many places in the document but the Proposed Response Response Status O definition here holds only within one clause. The definition should probably be placed in that clause rather than in the global definitions clause - this would be more friendly for readers. SC 2 Cl 2 P 20 / 16 # I-7 SuggestedRemedy Hajduczenia, Marek **Charter Communications** Update the year as appropriate wherever "802.3.1-2013" is used in the text. Comment Type E Comment Status X Consider deleting the definition and defining "group" in clause 7 instead. A normative reference is no longer used in the draft and should be removed Proposed Response Response Status O SuggestedRemedy Remove the following entries ETSI TS1 101 270 Cl 3 SC 3 P22 L14 # I-12 Proposed Response Response Status O Cisco Systems, Inc. Ran, Adee Comment Status X Comment Type Ε Cl 2 SC 2 P 20 L 64 # I-10 Per https://www.ieee802.org/3/WG tools/editorial/requirements/words.html, "implementer" should be used rather than "implementor". Ran. Adee Cisco Systems, Inc. Comment Type Ε Comment Status X There are 7 instances of "implementor". "Tthe" SuggestedRemedy I assume strikethrough and underline should not appear in a revision. Change all instances to "implementer". SuggestedRemedy Proposed Response Response Status O Change to "The" in normal character format. Proposed Response Response Status O CI 3 SC 3 P 22 L 22 Hajduczenia, Marek **Charter Communications** Comment Type E Comment Status X Unnecessary formatting for the word "See" in "Loss of Codegroup Delineation" SuggestedRemedy Per comment Proposed Response Response Status O

Comment Type TR Comment Status X

Definitions shall not contain requirements (IEEE SA rule). Even optional requirements. "may" is " used to indicate a course of action permissible within the limits of the standard" and so does not belong in clause 3. Also, using "in a modular system" is very close to using the term (module) in it's own definition, which is also not good. This is squarely in the "obvious" category so don't need it as part of the definition. ", it typically maps into one "slot": " is a characteristic of a module not part of defining the term.

SuggestedRemedy

Delete everything except: "In the context of the MIB definitions, a specification of management capabilities related to the system." as this is the only part appropriate to clause 3.

Proposed Response Status O

Cl 4 SC 4 P24 L3 # [-14

Ran, Adee Cisco Systems, Inc.

Comment Type T Comment Status X

The abbreviations ACK, Atn, and NMS never appear in the standard text (Atn and ACK appear as substrings of some labels, but that does not require listing them as abbreviations on their own).

In addition, LCD appears only as the string LCD-P so the acronym should probably include the suffix P.

SuggestedRemedy

delete the unused abbreviations from the list.
Change LCD to LCD-P (Loss of Codegroup Delination - Path).

Proposed Response Response Status O

Cl 4 SC 4 P24 L4 # [I-6

Hajduczenia, Marek Charter Communications

Comment Type E Comment Status X

A few abbreviations are no longer used in the draft and should be removed

SuggestedRemedy

Remove the following abbreviations: ACK, Atn

Proposed Response Response Status O

C/ 4 SC 4 P24 L14 # [I-25

Thomas, Angela RAC Coordination

Comment Type TR Comment Status X

Both CID and OUI are missing from the abbreviation list.

SuggestedRemedy

Add abbreviations for Organizationally Unique Identifier (OUI) and Company ID (CID).

Proposed Response Status O

Cl 5 SC 5.4 P30 L12 # [-15

Ran, Adee Cisco Systems, Inc.

Comment Type G Comment Status X

"should any discrepancy between the DESCRIPTION text and the corresponding definition in 5.2 through 5.3 of this clause occur, the definitions in 5.2 through 5.3 shall take precedence."

The word "shall" (meaning "is required to") is not appropriate here.

SuggestedRemedy

Change to "should any discrepancy between the DESCRIPTION text and the corresponding definition in 5.2 through 5.3 of this clause occur, the definitions in 5.2 through 5.3 prevail."

Proposed Response Status O

Cl 5 SC 5.4 P30 L64 # [I-29

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

The use of "may" in a footnote is incorrect. "may" is normative. in particular defining an action within the limits (scope) of this standard. Users of this standard are not within the scope of this standard. What we mean with this is to grant permission. Which can be stated more clearly without abusing "may". Also fix this on pate 91.

SuggestedRemedy

Change to: Users of this standard are granted permission to freely y reproduce the MIB module contained in this subclause so that it can be used for its intended purpose. Make the same change on page 91 footnote. Make this same change on Page 132 footnote.

Make this same change on Page 449 footnote

Comment Type TR Comment Status X

This is an interestingly incorrect use of "may". " This clause does not include mechanisms for controlling how one Ethernet endpoint may use this functionality to query the status or statistics of a peer Ethernet entity" quite explicitly stating that the functionality is not defined in this clause. So clearly stating "may" is the wrong word.

SuggestedRemedy

Change to: This clause does not include mechanisms for controlling how one Ethernet endpoint use

mechanisms for controlling how one Ethernet endpoint uses this functionality to query the status or statistics of a peer Ethernet entity

Proposed Response Status O

Cl 6 SC 6.5 P91 L11 # [-31

Rolfe, Benjamin Blind Creek Associates

Comment Type T Comment Status X

"may not" is never correct in an IEEE standard. Here it is meant to describe a possible outcome or consequence of an action.

SuggestedRemedy

change: "may not" to "might not".

Proposed Response Status O

Cl 6 SC 6.5 P91 L13 # [1-32

Rolfe, Benjamin Blind Creek Associates

Comment Type T Comment Status X

"may not" is never correct in an IEEE standard. Here it is meant to describe a possible outcome or consequence of an action.

SuggestedRemedy

change: "may not" to "might not".

Proposed Response Status O

Cl 6 SC 6.6.2 P96

Thomas, Angela RAC Coordination

Comment Type TR Comment Status X

Based on dot3OamPeerVendorOui (p 101 line 46), the "EightOTwoOui" syntax can include a CID as well as an OUI.

L 25

I-22

SuggestedRemedy

Change first sentence of paragrah to "24-bit Organizationally Unique Identifier (OUI) or Company ID (CID)."

Proposed Response Response Status O

C/ 6 SC 6.6.2 P96 L26 # [-21

Thomas, Angela RAC Coordination

Comment Type TR Comment Status X

The reference is out of date. Moreover, a better reference is the one that IEEE Std 802 cites: Bibiography entry [B2] in the current revision draft P802/D2.0.

SuggestedRemedy

Change second sentence of paragrah to "Information on OUIs and CIDs can be found in [B*]", where [B*] is a new entry in Annex A. Add as [B3]: IEEE Registration Authority Tutorial, "Guidelines for Use of Extended Unique Identifier (EUI), Organizationally Unique Identifier (OUI) and Company ID (CID)", with a footnote to "The tutorial is available at https://standards.ieee.org/regauth. Follow the tutorial link and search for the tutorial title."

Proposed Response Response Status O

Cl 6 SC 6.6.2 P97 L53 # [I-33

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"may be used on that link" sounds a lot like stating what is possible, and this sentence doesn't define an action within the scope of this standard.

SuggestedRemedy

change "may be used on that link" to "are available on that link".

SuggestedRemedy

Proposed Response

Change "may" to "might".

CI 6

CI 6

Rolfe, Benjamin

Comment Type TR

SuggestedRemedy

Proposed Response

Rolfe, Benjamin

Comment Type

SC 6.6.2

Change "may" to "might".

SC 6.6.2

Change "may" to "might".

Proposed Response

CI 6 SC 6.6.2 P98 L1 # I-34 Rolfe, Benjamin Blind Creek Associates Comment Type TR Comment Status X "Note that the object if OperStatus may not be up(1) as a result of link failure or administrative action "the "note that" is a clue this is stating a possibility, not an optional requirement (misuse of "may"). SuggestedRemedy Change to: Note that the object ifOperStatus might be other than up(1) as a result of link failure or administrative action Proposed Response Response Status O CI 6 SC 6.6.2 P101 L 54 # I-23 **RAC** Coordination Thomas, Angela Comment Status X Comment Type TR "OUI" needs to be corrected, since line 52 allows for CID as well. SuggestedRemedy Change "OUI" to "OUI or CID". Proposed Response Response Status O CI 6 SC 6.6.2 P107 L 50 # I-35 Rolfe. Beniamin Blind Creek Associates Comment Type TR Comment Status X "given the possibility that a frame may be lost in transit." - use of "the possibility" is a strong hint this is stating a possibility, not an optional requirement.

Response Status O

SuggestedRemedy Change "may" to "might". Proposed Response Response Status O CI 6 SC 6.6.2 P109 L8 # I-38 Blind Creek Associates Rolfe, Benjamin Comment Type TR Comment Status X "given the possibility that a frame may be lost in transit." - use of "the possibility" is a strong hint this is stating a possibility, not an optional requirement. SuggestedRemedy

P108

P108

"given the possibility that a frame may be lost in transit." - use of "the possibility" is a strong

"given the possibility that a frame may be lost in transit." - use of "the possibility" is a strong

Comment Status X

Response Status O

Comment Status X

Response Status O

hint this is stating a possibility, not an optional requirement.

hint this is stating a possibility, not an optional requirement.

Blind Creek Associates

Blind Creek Associates

L15

L 45

I-36

I-37

CI 6 SC 6.6.2 P112 L34 # I-39 Rolfe, Benjamin Blind Creek Associates Comment Status X Comment Type TR " there may be cases where frames are dropped due to transmit resource contention. " is stating a possibility, not a permissible (optional) requirement defined in this standard. SuggestedRemedy Change "may" to "might". Proposed Response Response Status O CI 6 SC 6.6.2 P112 L37 # I-40 Rolfe, Benjamin Blind Creek Associates Comment Type TR Comment Status X

Here it is less than clear if we're saying it is permissible (within the scope of this standard) to drop a frame, or if this is suggesting a possibility outside the scope of this standard, as suggested by the "note that" (suggesting this is informative, not normative). So going with informative.

SuggestedRemedy

change "may' to "might"

Proposed Response Response Status O

C/ 6 SC 6.6.2 P120 L49 # [1-41

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"which may result in locally generated

OAMPDUs" defines a permissible action within the scope of this standard. Where is that behavior defined? A cross reference where local generation of OAMPPDUs is defined would help. Without such, this looks more like an incorrect use of "may" to describe a possible outcome, not a permissible action within the limits (scope) of this standard.

SuggestedRemedy

add a reference to where local generation of OAMPPDUs is defined in this standard or in a normative reference.

Proposed Response Status O

C/ 6 SC 6.6.2 P121 L6 # [-42

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

Is this stating a possibility, or an optional requirement? Where is the adjustment process or procedure defined? Use of technically incomplete term "other information" suggests this is stating a possibility, not a requirement, though it is not clear which is intended. Going with the informative note guess.

SuggestedRemedy

change "may" to "can" or "often will".

Proposed Response Status O

Cl 6 SC 6.6.2 P122 L6 # ||I-43

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

As this is defining an optional requirement (permissible action within the limits (scope) of this standard), where is "other information" defined in this standard? Perhaps the intent is to state the possibility of an action that might happen but is not defined in this standard. Then "may" is wrong.

SuggestedRemedy

change "may" to "might"

CI 6 SC 6.6.2 P122 L 26 # I-24

Comment Status X

Thomas, Angela **RAC Coordination** Comment Type TR

"the IEEE 802.3 OUI of 0x0180C2" is significantly problematic, for several reasons: (1) 0x0180C2 is not an OUI because the M (or I/G) bit is set to 0 in an OUI but is set to 1 in the hex value here; (2) the object appears to be specified per the "EightOTwoOui" syntax, which is described as containing an "OUI"; (3) Per the RA's OUI tutorial, "The assignee of an OUI... is exclusively authorized to assign group MAC addresses, with I/G=1, by extending a modified version of the assigned OUI... in which the M bit is set to 1. In this sense, 0x0180C2 is derived from the actual OUI 0x0080C2. However, OUI 0x0080C2 is not an "IEEE 802.3 OUI"; instead, it is assigned to the 802.1 WG. Note that two group addresses so derived (01-80-C2-00-00-02 and 01-80-C2-00-00-02) are specified in IEEE Std 802.3. However, these addresses are assigned for this use per IEEE Std 802.1Q (Table 8-1).

SuggestedRemedy

Correct the three uses of 0x0180C2 on page 122. Delete indications that this is an OUI. Delete indications that this is an "802.3" identifier. ALSO: If the intent is to use this non-OUI value here, then align the definitions of all objects accordingly so that they are inclusive not only of OUI and CID values but also this value, which is neither OUI nor CID.

Proposed Response Response Status O

I-44 CI 6 SC 6.6.2 P125 L17

Rolfe, Benjamin Blind Creek Associates

Comment Type Comment Status X TR

be required to cross the threshold," is a misuse of "may" (see clause 1.3) - the phrase "are likely" suggests this is stating a possibility. It is not clear to which values "these values" refer.

SuggestedRemedy

Change sentence to: "For threshold crossing events when multiple occurrences cross the threshold, the number of events and the number of resultant Event Notifications are likely to be different.

Proposed Response Response Status O CI 6 SC 6.6.2 P125 L 45 # 1-45

Rolfe, Benjamin Blind Creek Associates

Comment Status X Comment Type TR

"since multiple occurrences may

be required to cross the threshold," is stating a possibility, and so is misuse of "may".

SuggestedRemedy

Change "may" to "can". Clarify to which values "these values" refer.

Proposed Response Response Status O

CI 7 SC 7.1.1 P131 L 23 # I-46

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"These repeater MIB module objects may be used to manage non-standard repeater-like devices: however, defining objects to describe implementation-specific properties of nonstandard repeater-like devices is outside the scope of this standard." - the "non standard" and "outside the scope of this standard" strongly indicate this is not a correct use of "may" but rather a warning of what can or might happen. If you want to stick with "may" you'd need to provide a normative reference to the non-standard uses that are permissible to be technically complete ;-)

SuggestedRemedy

change "may" to "might"

[&]quot; since multiple occurrences may

Cl 7 SC 7.1.3.2 P132 L25 # [-47

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

Use of normative language in an informative note: "NOTE—When a network management entity is observing a repeater, it may appear as though the repeater is passing packets to a higher level protocol entity. However, this is only a means of implementing management, and this passing of

management information is not part of the repeater functionality."

SuggestedRemedy

Change to (not be wrong): NOTE—When a network management entity is observing a repeater, and observes the repeater passing

packets to a higher level protocol entity, this is only a means of implementing management, and this passing of management information is not part of the repeater functionality

Proposed Response Status O

Cl 7 SC 7.3.2 P139 L11 # [-48

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"This value may be allocated within the SMI enterprises subtree (1.3.6.1.4.1) "might not be correct use of "may". The following paragraph suggests this is informative, suggesting how an external (not defined in this standard) function might use this object. If this is meant to be "may" then we need more information on where to find the defined behavior.

SuggestedRemedy

change "may" to "might"

Proposed Response Status O

Cl 7 SC 7.3.2 P140 L1 # [-49

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"Some ports may not be present in the repeater system" is incorrect use of "may". Stating a possible condition, not an action within the scope of this standard.

SuggestedRemedy

change "may" to "might"

Proposed Response Status O

Cl 7 SC 7.3.2 P141 L13 # [I-50

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

Misuse of "may".

SuggestedRemedy

change to "This identifies the port independently from the repeater to which it is attached

Proposed Response Status O

Cl 7 SC 7.3.2 P142 L30 # [-51

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"(note this may or may not be possible depending on the type of port.)" has "note that" "may or may not", and "possible" all wrapped as a parenthetical - all clues this is informative not normative.

SuggestedRemedy

Change to: Note that for some port types it is not possible to physically remove the port.

Proposed Response Status O

Cl 7 SC 7.3.2 P144 L34 # [I-52

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

" the implementor may choose to delay the reset long enough to allow the SNMP response to be transmitted." well the implementer is always outside the limits of this standard, so we can't prescribe requirements, even optional ones, on the implementer. Perhaps on the implementation. I don't thin this is what the group means because the entire paragraph seems to be informative Thus my guess:

SuggestedRemedy

change to: For example, it is possible, and may be desired, to delay the reset to allow the SNMP response to be transmitted.

Proposed Response

Response Status 0

I-56 CI 7 SC 7.3.2 P144 L 50 # I-53 CI 7 SC 7.3.2 P148 L 20 Rolfe, Benjamin Blind Creek Associates Rolfe, Benjamin Blind Creek Associates Comment Type TR Comment Status X Comment Status X Comment Type TR "Packets "A discontinuity may occur in the value when the value of object received during the test may or may not be transferred" is another obvious misuse of rptrMonitorPortLastChange changes." is a statement of fact. Incorrect use of "may". "may". Since none of the other listed items appears to state requirements (no normative SuggestedRemedy language) guessing this shouldn't either. change "may" to "can" SuggestedRemedy Proposed Response Response Status O change to: Packets received during the test can be but are not required to be transferred Proposed Response Response Status O CI 7 SC 7.3.2 P148 L 52 # I-57 Blind Creek Associates Rolfe, Benjamin Cl 7 SC 7.3.2 P147 L13 # I-54 Comment Type TR Comment Status X Rolfe, Benjamin Blind Creek Associates "A discontinuity may occur in the value when the value of object Comment Type TR Comment Status X rptrMonitorPortLastChange changes." is a statement of fact. Incorrect use of "may". "A discontinuity may occur in the value SuggestedRemedy when the value of object rptrMonitorPortLastChange changes" is stating a possibility. change "may" to "can" SuggestedRemedy Proposed Response Response Status O change "may" to "can" Proposed Response Response Status O CI 7 SC 7.3.2 P149 L 46 # I-58 Rolfe, Benjamin Blind Creek Associates CI 7 SC 7.3.2 P147 L43 # I-55 Comment Type TR Comment Status X Rolfe, Benjamin Blind Creek Associates Both uses of "may" in this paragraph are incorrect: "ShortEvents may indicate externally Comment Status X Comment Type TR generated noise hits that will cause the repeater to transmit Runts to its other ports, or propagate This is a statement of fact: "A discontinuity may occur in the value when the value of object rptrMonitorPortLastChange changes." Stating a possible consequence. Not an optional a collision (which may be late) back to the transmitting DTE and damaged frames to the requirement. rest of the network" stating a fact (possible consequence) SuggestedRemedy SuggestedRemedy change "may" to "can" change "may" to "might"

Proposed Response

Response Status O

CI 7 SC 7.3.2 P149 L 54 # I-59 Rolfe, Benjamin Blind Creek Associates Comment Type TR Comment Status X "Implementors may wish ..." is a clear indication of an informative statement. "may" is a normative word. The "not budgeted for in this standard" pretty clearly states this is not within the limits (scope) of this standard! SuggestedRemedy change to: It may be desirable to select the ShortEventMaxTime towards the lower end of the allowed tolerance range to accommodate bit losses suffered through physical channel devices not budgeted for within this standard. Proposed Response Response Status O # I-60

Rolfe. Beniamin Blind Creek Associates

Comment Type Comment Status X

"A discontinuity may occur in the value when the value of object rptrMonitorPortLastChange changes." is a statement of fact. Incorrect use of "may".

P150

L 5

L 42

I-61

SuggestedRemedy

CI 7

CI 7

change "may" to "can"

SC 7.3.2

SC 7.3.2

Proposed Response Response Status O

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"A CarrierEvent greater than or equal to 552 bit times but less than 565 bit times may or may not be counted as a runt." We have misuse of "may" and a "may not" (never correct). I *think* the may is correct (as in defining a behavior within the scope of the standard, based on the "shall" in the prior sentence).

P150

SuggestedRemedy

delete "or may not"

Proposed Response Response Status O CI 7 SC 7.3.2 P150 L 53 # I-62

Blind Creek Associates Rolfe, Benjamin

Comment Status X Comment Type TR

"In certain situations associated with large diameter networks a percentage of collision fragments may exceed ValidPacketMinTime." is an informative statement, or an technically incomplete specification. If the latter this draft is not ready for SA ballot. So I'm guessing the prior...

SuggestedRemedy

change "may" to "can"

Proposed Response Response Status O

SC 7.3.2 Cl 7 P150 L 58 # 1-63

Rolfe. Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"A discontinuity may occur in the value when the value of object rptrMonitorPortLastChange changes." is a statement of fact. Incorrect use of "may".

SuggestedRemedy

change "may" to "can"

Proposed Response Response Status O

CI 7 SC 7.3.2 P153 L17 # I-64

Rolfe, Benjamin Blind Creek Associates

Comment Status X Comment Type TR

"When this event occurs, other counters whose also be incremented, at the implementor's discretion."

This sounds like it might, possibly, be hiding an actual (optional) requirement! Hinted by "at the implementor's discretion". But we can't know because this isn't a correct statement of such. Which other counters may (optionally) be incremented? The following sentence suggests this is an informative statement - that something might occur that is outside the scope of this standard. If this is meant to convey an optional implementation within the scope of the standard, it should be so indicated in the description of those counters - and referenced here. If this is stating a possible consequence of implementation choices not specified in the scope of this standard, then "might" is the correct word. In any event, "may or may not" is always wrong.

SuggestedRemedy

Replace "may or may not" with "might".

Comment Type E

SuggestedRemedy

Proposed Response

XGMII is not defined

CI 7 SC 7.3.2 P153 L17 # 1-72 Rolfe, Benjamin Blind Creek Associates Comment Type TR Comment Status X "When this event occurs, other counters whose also be incremented, at the implementor's discretion." This sounds like it might, possibly, be hiding an actual (optional) requirement! Hinted by "at the implementor's discretion". But we can't know because this isn't a correct statement of such. Which other counters may (optionally) be incremented? The following sentence suggests this is an informative statement - that something might occur that is outside the scope of this standard. If this is meant to convey an optional implementation within the scope of the standard, it should be so indicated in the description of those counters - and referenced here. If this is stating a possible consequence of implementation choices not specified in the scope of this standard, then "might" is the correct word. In any event, "may or may not" is always wrong. SuggestedRemedy Replace "may or may not" with "might". Proposed Response Response Status O CI 9 SC 9.1.2 P 201 L 49 # 1-4 Hajduczenia, Marek Charter Communications Comment Type Comment Status X There are multiple editorial notes to mark changes caused by the maintenance request 1383: https://www.ieee802.org/3/maint/requests/maint_1383.pdf. They have been in the draft for a long time now. SuggestedRemedy remove all editorial notes pointing to MR 1383 Proposed Response Response Status O CI 9 SC 9.1.2 P 202 L 27 # I-3 Hajduczenia, Marek Charter Communications

Comment Status X

Add entry for "XGMII = 10 GIGABIT MEDIA INDEPENDENT INTERFACE"

Response Status 0

C/ 11 SC 11.2.1.4 P318 **L8** # 1-99 Rolfe, Benjamin Blind Creek Associates Comment Status X Comment Type TR "which may take tens of seconds for EFMCu ports, especially if PAF is involved" is the "PAF involved" supposed to be a condition on the permitted action? I think instead "may" is misused to state a possiblity. SuggestedRemedy change "may" to "can". Proposed Response Response Status O SC 11.2.1.4 P318 C/ 11 / 17 # I-98 Rolfe, Benjamin Blind Creek Associates Comment Type TR Comment Status X "some interfaces may fail to initialize" failing seems an unlikely optionto permit within the scope of the standard. But a likely statement of factual consequence and "note that" suggests an informative statement. SuggestedRemedy Change "some interfaces may fail to initialize while others succeed" to "some interfaces will fail to initialize while others succeed" Proposed Response Response Status O C/ 11 P318 SC 11.2.1.4 L 20 # I-16 Cisco Systems, Inc. Ran. Adee Comment Type T Comment Status X Line 17: The PCS is considered operationally "up" if... Lines 19-20: The PCS shall be considered operationally... Line 21: The PCS shall remain operationally... The word "shall" seems inadequate in this context. SuggestedRemedy Change "shall be" to "is" (twice) and "shall remain" to "remains". Proposed Response Response Status O

C/ 11 SC 11.2.3 P320 L 43 # I-97 C/ 11 SC 11.4 P322 L13 # 1-92 Rolfe, Benjamin Blind Creek Associates Rolfe, Benjamin Blind Creek Associates Comment Type Comment Status X Comment Type TR Comment Status X TR " may become burdensome" suggests that burdensome is something specifdied in this "may" is being used incorrectly to describe a possible consequence, not a permissible stanadard as a permisible action. Seems like something to be avoided, not permitted. action."may lead to" SuggestedRemedy SuggestedRemedy Change "may become" to "becomes" change "may" to "might" Proposed Response Proposed Response Response Status O Response Status O C/ 11 SC 11.4 P322 L6 # I-95 C/ 11 SC 11.4 P322 L15 # 1-93 Rolfe, Benjamin Blind Creek Associates Rolfe, Benjamin Blind Creek Associates Comment Type TR Comment Status X Comment Type Comment Status X "may be affected" is a statement of fact, not a permissible action within the scope of this "may" is being used incorrectly to describe a possible consequence, not a permissible action."may lead to may lead to a wrongful standard. discove" measn that wrongful discovery is a permitted action within the scope of this SuggestedRemedy stanadard. Quite strongly suspect this is not what is intended change "may" to "might" SuggestedRemedy Proposed Response Response Status O change "may" to "might" Proposed Response Response Status O C/ 11 SC 11.4 P322 L10 # I-91 Rolfe, Benjamin Blind Creek Associates C/ 11 SC 11.4 P322 L 20 # I-94 Comment Status X Comment Type TR Blind Creek Associates Rolfe, Benjamin "may" is being used incorrectly to describe a possible consequence, not a permissible Comment Status X Comment Type TR action."may lead to" "may head to anything" is clearly an informative lead-in and not a permissible action within SuggestedRemedy the scope of this standard. change "may" to "might" SuggestedRemedy Proposed Response Response Status O change "may" to "might" Proposed Response Response Status O

C/ 11 SC 11.4 P322 L 27 # I-96 Rolfe, Benjamin Blind Creek Associates Comment Status X Comment Type TR "may cause" is a statement of fact. SuggestedRemedy change "may" to "might" Proposed Response Response Status O C/ 11 SC 11.5.2 P350 L 26 # I-89 Rolfe, Benjamin Blind Creek Associates Comment Type TR Comment Status X This is stating a fact, not a permisible action within the scope of this standard. SuggestedRemedy Change to "This value possibly indactes a pproblem with the peer PME" Proposed Response Response Status O C/ 11 SC 11.5.2 P356 L49 # I-88 Rolfe, Benjamin Blind Creek Associates Comment Type TR Comment Status X "Profiles may be created/deleted using the row creation/ deletion mechanism via efmCuPme10PProfileRowStatus. " Seems informative in context. SuggestedRemedy Change "may be" to "are". Proposed Response Response Status O

C/ 11 SC 11.5.2 P361 L31 # [I-87

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"Entries may be created/deleted using the row creation/deletion mechanism via efmCuPme2ReachRateRowStatus." might not be wrong but it seems like an informative statement intended to direct the reader to where details of row creation/deletion are defined.

SuggestedRemedy

Change to:

Entries are created/deleted using the row creation/deletion mechanism via efmCuPme2ReachRateRowStatus.

Proposed Response Status O

Cl 11 SC 11.5.2 P363 L51 # [I-86

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"Entries may be created/deleted using the row creation/deletion mechanism via efmCuPme2ReachRateRowStatus." might not be wrong but it seems like an informative statement intended to direct the reader to where details of row creation/deletion are defined.

SuggestedRemedy

Change to:

Entries are created/deleted using the row creation/deletion mechanism via efmCuPme2ReachRateRowStatus.

Proposed Response Response Status O

Cl 11 SC 11.5.2 P366 L30 # [I-85

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"Profiles may be created/deleted using the row creation/ deletion mechanism via efmCuPme10PProfileRowStatus." Are there other means by which these profiles are created and deleted? Is it permissible to use some other means? Specification is incomplete. Suspecting this is an informative statement introducing the normative requirement that follows.

SuggestedRemedy

Change "may be" to "are".

Received Comments

IEEE P802.3.1b D3.0 MIB Rev Task Force Initial Sponsor ballot comments

C/ 11 SC 11.5.2 P367 L8 # [I-84

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"may include" is a suspicious use of "may". Seems more informative. Seems permisible, and possible from the definition, that this string can contain a lot of information in addition to data rate and spectral limitations. Are those other things defined here permisible also? Perhaps the intention was mearlyuse these two bits of information as an exmaple of what the string can contain?

SuggestedRemedy

Change to:

The string includes information of this particular profile, for example, data rate and spectral lmitations.

Proposed Response Response Status O

C/ 11 SC 11.5.2 P372 L54 # [1-83

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"or a micro-interruption may temporarily drop one or more PMEs in the aggregation group, causing a rate degradation of the aggregated EFMCu link." is stating a possible occurance that is not defined in this standard.

SuggestedRemedy

Change to:

or a micro-interruption that temporarily drops one or more PMEs in the aggregation group, causing a rate degradation of the aggregated EFMCu link.

Proposed Response Status O

C/ 12 SC 12.1 P378 L22 # [-82

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

This seems to be stating a possible use of objects defined in this clause: "The objects defined in this clause may be used to manage an Ethernet interface employing any type of 10GBASE-W PHY". Taken with the next senetence, this seems important information.

SuggestedRemedy

Change to:

The objects in this clause are used to manage interfaces inmplemented using 10GBASE-W PHYs.

Proposed Response Status O

Cl 12 SC 12.1.3 P379 L10 # [-81

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

Not cuser if this is stating an optinal action within the scope of this standard or if it is stating a possible use of the MIB module. It reads more like the later. "The MAU-MIB module also provides the means to put a device in standby mode or to reset it; the latter may be used to re-initialize the WIS." which seems to be noting that the defined (permisible/optional) means of reseting the device can be used to re-initialize the WIS. It (clearly) is unclear as writen.

SuggestedRemedy

Change to:

The MAU-MIB module provides the means to put a device in standy mode, or to reset the device. Reset can be used to re-initialize the WIS.

Proposed Response Status O

Cl 12 SC 12.3.2 P393 L59 # [I-80

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

Another misuse of "may" in an informative statement - explaining why the object is writeable.

SuggestedRemedy

change "may" to "can".

Cl 12A SC 12A P445 L1 # [-18

Ran, Adee Cisco Systems, Inc.

Comment Type E Comment Status X

Annex 12A title appears separately from the label "Annex 12A" in the bookmarks table. Similarly for Annex A and Annex B and their contents.

Additionally, Annex 12A appears before annexes A and B. In 802.3 the letter-annexes appear first.

SuggestedRemedy

Use the Annex format from the 802.3 template, which has the annex number and description in the same paragraph.

Consider reordering the annexes so that 12A follows B.

Proposed Response Status O

C/ 13 SC 13.2 P401 L24 # [-79

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"These MAUs may be connected to IEEE 802.3 repeaters or to IEEE 802.3 (Ethernet-like) interfaces." is an informative statement. BTW, what is "Ethernet-like" about 802.3? It kindof just is Ethernet, right?

P**402**

SuggestedRemedy

Change to:

C/ 13

MAUs can be connected to IEEE 802.3 repeaters or IEEE 802.3 interfaces.

Proposed Response Status O

Dan Adaa

Ran, Adee Cisco Systems, Inc.

Comment Type E Comment Status X

SC 13.2.2.1

"NOT"
This is not an acronym: capitalization may be misleading (no need to shout).

SuggestedRemedy
Change to "not".

Proposed Response Response Status O

C/ 13 SC 13.2.3

P**402**

L 55

I-65

Rolfe, Benjamin

Blind Creek Associates

Comment Type T Comment Status X

"may or may not" is never correct.

SC 13.2.5.1

SuggestedRemedy

C/ 13

change to "may"

Proposed Response

Response Status O

P**405** L**22** # [-78

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

Every use of "may" in this paragraph is wrong. This is clealry informative. It is describing possible FUTURE activities of a standards dvelopment group. This includes stating facts, consequeinces and possiblities clearly outsdie the scope of this standard. Seems like this was cut and pasted from an IETF document (in which context lower case "may" has different, non-normative meaning). Other IETF langauge is not appropriate to this standard "e.g. what does "standards-track" mean in IEEE-SA? We need not leave this question in the minds of the reader.

SuggestedRemedy

Change to:

In some cases, new MAU types wil require additional managed objects, or have side effects on the behavior of existing managed objects. In such cases, specification in a standard is required, either in a new standard or a revision of this standard. Such specification is required to note any special properties of the MAU types that it defines—for example, side effects on the ifStackTable as noted in this standard for 10GBASE-W MAUs.

Proposed Response Response Status O

Cl 13 SC 13.3 P406 L6 # [-77

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

" may be used by other MIB module" seems an (incorrectl worded) statement of fact. I think it is used by other MIB modules. Some but not all.

SuggestedRemedy

Change to: . The IANA-MAU-MIB module defines a set of textual conventions that are used by the MAU-MIB module and by other MIB modules to define management objects.

Proposed Response Response Status O

L 28

I-17

Cl 13 SC 13.3 P406 L29 # [I-76

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

I do not thin that word means what you thin it means. Actually, I am sure that within the context of an IEEE standard, "may be undesireavle" is not what you mean. This says that it is permissible, within the scope of this standard, to be undesireable. This is an informative warning, stating a fact. The "In some environments" qualifies this as "not always" which is what I think you mean by "may be" in this instance.

SuggestedRemedy

Change "may be" to "is".

Proposed Response Status O

Cl 13 SC 13.5.2 P406 L64 # [-75

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

The use of "may" in a footnote is incorrect. "may" is normative. in particular defining an action within the limits (scope) of this standard. Users of this standard are not within the scope of this standard. What we mean with this is to grant permission. Which can be stated more clearly without abusing "may". Also fix this on pate 91.

SuggestedRemedy

Change to: Users of this standard are granted permission to freely y reproduce the MIB module contained in this subclause so that it can be used for its intended purpose. Also change footnote on page 389

And again on page 322

Proposed Response Status O

C/ 13 SC 13.5.2 P414 L5 # [1-74

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

Use of "may not". All uses of "may not" are incorrect in an IEEE standard. For this one I am guessing that this is meant to define a permisible action within the scope if this standard, which is using only asubset of the enumerated values. I could be worng in which case the best course is delete the sentence.

SuggestedRemedy

Change to "Agents may support a subset of the enumerated valules"

Proposed Response Status O

C/ 13 SC 13.5.2 P419 L54 # [-73

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

Use of "may not". All uses of "may not" are incorrect in an IEEE standard. For this one I am guessing that this is meant to define a permisible action within the scope if this standard, which is using only asubset of the enumerated values. I could be worng in which case the best course is delete the sentence.

SuggestedRemedy

Change to "Agents may support a subset of the enumerated valules"

Proposed Response Status O

C/ 13 SC 13.5.2 P423 L13 # [-71

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

"It may be necessary to provide for underlying hardware implementations which do not follow the exact behavior specified above" is an informative statement, perhaps a statement of fact or possibility. The purpose of this statement is unclear. But "may" as defined in the IEEE SA Standards Board Operations Manual 6.4.7 is not the correct word here. The following paragraph states a requirement. Is this informative statement meant to explain why the normative requirement exists? It seems uneeded to correctly implement the requirement that follows.

SuggestedRemedy

Delete the sentence.

Proposed Response Status O

CI 13 SC 13.5.2 P423 L53 # [I-70

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

More normative language in an informative statement. "Note that this MAU may be capable of operating as a MAU type that is beyond the scope of this MIB."

SuggestedRemedy

Delete the sentence. Change next sentence to: To indicate that this MAU is capable of operating as a MAU type that is beyond the scope of this MIB, return the bit value bOther in addition to the bit values set for standards capabilities that are listed in the IANAifMauAutoNegCapBits TC."

Received Comments

IEEE P802.3.1b D3.0 MIB Rev Task Force Initial Sponsor ballot comments

Cl 13 SC 13.5.2 P423 L53 # [I-69

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

More normative language in an informative statement. "Note that this MAU may be capable of operating as a MAU type that is beyond the scope of this MIB."

SuggestedRemedy

Delete the sentence. Change next sentence to: To indicate that this MAU is capable capable of operating as a MAU type that is beyond the scope of this MIB, return the bit value bOther in addition to the bit values set for standards capabilities that are listed in the IANAifMauAutoNegCapBits TC."

Proposed Response Status O

Cl 13 SC 13.5.2 P437 L32 # [I-67

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

Use of "may" in an informative statement (NOTE that). Which is clearly describing something outside the scope of this MIB as it says "outside the scope of this MIB" in the sentence. But there might be an actual requirement lurking here, if this is meant to clarify the required action stated in the next sentence (I'm guessing), which is not all that clear (I may be guessing wrong - which is why leaving the implementor to guess is not ideal).

SuggestedRemedy

Delete the sentence. Change next sentence to: To indicate that an interface or interfaces that support this MIB are attached to remote Auto-Negotiation entitles, return the bit value bOther in addition to the bit values set for standards capabilities that are listed in the IANAifMauAutoNegCapBits TC."

Proposed Response Response Status O

Cl 13 SC 13.5.2 P437 L38 # [I-68

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

Use of normative language in an informative note: "Note that interfaces that support this MIB may have capabilities that extend beyond the scope of this MIB"

This is a statement of possibility, clearly asserted to be outside the scope fi this standard or so it would appear from the words "beyond the scope of this MIB".

SuggestedRemedy

change to "Note that it is possible that interfaces supporting this MIB also have capabilities that extend beyond the scope of this MIB."

Proposed Response Response Status O

Cl 13 SC 13.5.2 P438 L28 # [I-66

Rolfe, Benjamin Blind Creek Associates

Comment Type TR Comment Status X

Use of "may" in an informative statement (NOTE that). Which is clearly describing something outside the scope of this MIB as it says "outside the scope of this MIB" in the sentence. But there might be an actual requirement lurking here, if this is meant to clarify the required action stated in the next sentence (I'm guessing), which is not all that clear (I may be guessing wrong - which is why leaving the implementor to guess is not ideal).

SuggestedRemedy

Delete the sentence. Change next sentence to: To indicate that an interface or interfaces that support this MIB are attached to remote Auto-Negotiation entitles, return the bit value bOther in addition to the bit values set for standards capabilities that are listed in the IANAifMauAutoNegCapBits TC."

SuggestedRemedy remove entry [B7] Proposed Response

I-19 C/ A SC A P446 L10 Ran, Adee Cisco Systems, Inc. Comment Type Comment Status X Ε Many items in the bibliography have footnotes with URLs. This is unnecessarily cumbersome. The 2021 style manual (19.4.6) says "For articles or sources that were consulted online. the URL should be listed along with the source's title and date accessed to create a more stable reference". The example provided in the style manual has the URL as part of the entry rather than a footnote. SuggestedRemedy Where appropriate, include the URL as part of the bibliographic entry rather than in a footnote. Proposed Response Response Status O SC A C/ A P446 L16 # I-1 Hajduczenia, Marek **Charter Communications** Comment Type E Comment Status X [B3] is not used in the draft anywhere SuggestedRemedy remove entry [B3] - the same applies to [B4], [B8] through [B20], [B22] through [B26], [B33], [B34], [B40] through [B47] Proposed Response Response Status O CI A SC A L 37 P446 # I-2 Hajduczenia, Marek **Charter Communications** Comment Type E Comment Status X IEEE Std 802.9 is no longer referenced as informative

Response Status O

SC B C/ B P449 L12 # I-20 Ran, Adee Cisco Systems, Inc. Comment Type Comment Status X "supercede" Although this is listed in M-W dictionary as a variant spelling, it is inconsistent with the spelling "superseded" used twice in the front matter. 802.3 consistently uses "supersede". SuggestedRemedy Change to "supersede". Proposed Response

Response Status O