Approved Responses                    IEEE P802.3.1 (IEEE 802.3.1b) unsatisfied comments

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*Cl* **0**       *SC* **0**                    *P*       *L*            # I-90

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*  **TR**       *Comment Status*  **A**                    *MAY*

" Removal of a PME from an operationally "up" EFMCu port, aggregating several PMEs, may cause the port's rate degradation."  "mau cause" is stating a consequence (fact). Which is not correct use of "may".

*SuggestedRemedy*

Change to:
 Removal of a PME from an operationally "up" EFMCu port, aggregating several PMEs, might result in rate degradation on the port.

*Response*              *Response Status*  **W**

ACCEPT.

---

*Cl* **0**       *SC* **0**                    *P* **0**    *L* **0**        # I-27

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*  **TR**       *Comment Status*  **A**

Reviewing the document for use of normative language, I find that "may" is used more 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 of "may or may not", a clear indication of improper use of normative language.   I caught 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 optional requirements, it will be harder than necessary to  find and then verify the correct implementation of these behaviors.  Which makes it more likely these will not be done correctly.

*SuggestedRemedy*

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.

*Response*              *Response Status*  **W**

ACCEPT.

---

*Cl* **1**       *SC* **1**                    *P* **17**    *L* **1**        # I-26

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*  **GR**       *Comment Status*  **A**                    *EZ*

The editor's note should have been removed prior to balloting this draft.  The scope clause has been updated to align with the PAR in this draft.

*SuggestedRemedy*

Please remove obsolete note prior to recirculation ballots to avoid confusion.

*Response*              *Response Status*  **W**

ACCEPT.

---

*Cl* **3**       *SC* **3**                    *P* **22**    *L* **37**       # I-28

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*  **TR**       *Comment Status*  **A**                    *MAY*

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.

*Response*              *Response Status*  **W**

ACCEPT.

---

*Cl* **4**       *SC* **4**                    *P* **24**    *L* **14**       # I-25

Thomas, Angela                               RAC Coordination

*Comment Type*  **TR**       *Comment Status*  **A**                    *EZ*

Both CID and OUI are missing from the abbreviation list.

*SuggestedRemedy*

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

*Response*              *Response Status*  **W**

ACCEPT.

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TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general                    *Cl* **4**            Page 1 of 16
COMMENT STATUS: D/dispatched  A/accepted  R/rejected     RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn            *SC* **4**            10/9/2024  8:40:32 AM
SORT ORDER: Clause, Subclause, page, line

*Cl* **5**        *SC* **5.4**                    *P* **30**        *L* **64**        # I-29

Rolfe, Benjamin                    Blind Creek Associates

*Comment Type*    **TR**        *Comment Status*    **R**                    *MAY*

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

*Response*                    *Response Status*    **W**

REJECT.

The text of the footnote is informative (Style Manual, 2020, section 18.2) and not normative. In this context, the "may" statement is appropriate as it is. Furthermore, the text of this footnote has been balloted before in various releases of IEEE Std 802.3, 802.3.1, and 802.3.2, with request for changes.

No changes were made.

*Cl* **6**        *SC* **6.2.2**                    *P* **86**        *L* **63**        # I-30

Rolfe, Benjamin                    Blind Creek Associates

*Comment Type*    **TR**        *Comment Status*    **A**                    *MAY*

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 uses this functionality to query the status or statistics of a peer Ethernet entity

*Response*                    *Response Status*    **W**

ACCEPT.

*Cl* **6**        *SC* **6.6.2**                    *P* **96**        *L* **25**        # I-22

Thomas, Angela                    RAC Coordination

*Comment Type*    **TR**        *Comment Status*    **A**                    *EZ*

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

*SuggestedRemedy*

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

*Response*                    *Response Status*    **W**

ACCEPT.

*Cl* **6**        *SC* **6.6.2**                    *P* **96**        *L* **26**        # I-21

Thomas, Angela                    RAC Coordination

*Comment Type*    **TR**        *Comment Status*    **A**                    *EZ*

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."

*Response*                    *Response Status*    **W**

ACCEPT.

*Cl* **6**        *SC* **6.6.2**                    *P* **97**        *L* **53**        # I-33

Rolfe, Benjamin                    Blind Creek Associates

*Comment Type*    **TR**        *Comment Status*    **A**                    *MAY*

"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".

*Response*                    *Response Status*    **W**

ACCEPT.

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* **6**
*SC* **6.6.2**

Page 2 of 16
10/9/2024  8:40:32 AM

*Cl* **6**          *SC* **6.6.2**                    *P* **98**          *L* **1**          # I-34

Rolfe, Benjamin                    Blind Creek Associates

*Comment Type*    **TR**        *Comment Status*  **A**                    *MAY*

"Note that the object  ifOperStatus 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

*Response*                    *Response Status*  **W**

ACCEPT.

---

*Cl* **6**          *SC* **6.6.2**                    *P* **101**          *L* **54**          # I-23

Thomas, Angela                    RAC Coordination

*Comment Type*    **TR**        *Comment Status*  **A**                    *EZ*

"OUI" needs to be corrected, since line 52 allows for CID as well.

*SuggestedRemedy*

Change "OUI" to "OUI or CID".

*Response*                    *Response Status*  **W**

ACCEPT.

---

*Cl* **6**          *SC* **6.6.2**                    *P* **107**          *L* **50**          # I-35

Rolfe, Benjamin                    Blind Creek Associates

*Comment Type*    **TR**        *Comment Status*  **A**                    *MAY*

"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*

Change "may" to "might".

*Response*                    *Response Status*  **W**

ACCEPT.

---

*Cl* **6**          *SC* **6.6.2**                    *P* **108**          *L* **15**          # I-36

Rolfe, Benjamin                    Blind Creek Associates

*Comment Type*    **TR**        *Comment Status*  **A**                    *MAY*

"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*

Change "may" to "might".

*Response*                    *Response Status*  **W**

ACCEPT.

---

*Cl* **6**          *SC* **6.6.2**                    *P* **108**          *L* **45**          # I-37

Rolfe, Benjamin                    Blind Creek Associates

*Comment Type*    **TR**        *Comment Status*  **A**                    *MAY*

"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*

Change "may" to "might".

*Response*                    *Response Status*  **W**

ACCEPT.

---

*Cl* **6**          *SC* **6.6.2**                    *P* **109**          *L* **8**          # I-38

Rolfe, Benjamin                    Blind Creek Associates

*Comment Type*    **TR**        *Comment Status*  **A**                    *MAY*

"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*

Change "may" to "might".

*Response*                    *Response Status*  **W**

ACCEPT.

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general          *Cl* **6**          Page 3 of 16
COMMENT STATUS: D/dispatched  A/accepted  R/rejected      RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn          *SC* **6.6.2**          10/9/2024  8:40:32 AM
SORT ORDER: Clause, Subclause, page, line

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| *Cl* **6** | *SC* **6.6.2** | *P* **112** | *L* **34** | # I-39 |
|---|---|---|---|---|

Rolfe, Benjamin            Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**              *MAY*

" 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".

*Response*          *Response Status* **W**

ACCEPT.

---

| *Cl* **6** | *SC* **6.6.2** | *P* **112** | *L* **37** | # I-40 |
|---|---|---|---|---|

Rolfe, Benjamin            Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**              *MAY*

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"

*Response*          *Response Status* **W**

ACCEPT.

---

| *Cl* **6** | *SC* **6.6.2** | *P* **120** | *L* **49** | # I-41 |
|---|---|---|---|---|

Rolfe, Benjamin            Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**              *MAY*

"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.

*Response*          *Response Status* **W**

ACCEPT IN PRINCIPLE.

Replace text "which may result in locally generated OAMPDUs" with "potentially resulting in locally generated OAMPDUs".

---

| *Cl* **6** | *SC* **6.6.2** | *P* **121** | *L* **6** | # I-42 |
|---|---|---|---|---|

Rolfe, Benjamin            Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**              *MAY*

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".

*Response*          *Response Status* **W**

ACCEPT IN PRINCIPLE.

Change "may" to "can"

---

| *Cl* **6** | *SC* **6.6.2** | *P* **122** | *L* **6** | # I-43 |
|---|---|---|---|---|

Rolfe, Benjamin            Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**              *MAY*

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"

*Response*          *Response Status* **W**

ACCEPT.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general        *Cl* **6**        Page 4 of 16
COMMENT STATUS: D/dispatched  A/accepted  R/rejected      RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn        *SC* **6.6.2**        10/9/2024  8:40:32 AM
SORT ORDER: Clause, Subclause, page, line

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*Cl* **6**     *SC* **6.6.2**     *P* **122**     *L* **26**     *#* I-24

Thomas, Angela            RAC Coordination

*Comment Type* **TR**     *Comment Status* **A**

"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.

*Response*           *Response Status* **W**

ACCEPT IN PRINCIPLE.

[1] Changed the first two sentences of the DESCRIPTION text of the dot3OamEventLogOui object to read:

A value indicating the entity defining the object type. All IEEE 802.3 defined events (as appearing in IEEE Std 802.3 except for the Organizationally Unique Event TLVs) use the value 71874 (0x0180C2 in hex).

[2] Changed the first two sentences of the DESCRIPTION text of the dot3OamEventLogType object to read:

The type of event that generated this entry in the event log. When the value of the dot3OamEventLogOui object is 71874 (0x0180C2 in hex), the following event types are defined:

[3] Changed the penultimate sentences of the DESCRIPTION text of the dot3OamEventLogType object to read:

When the value of the dot3OamEventLogOui object is not 71874 (0x0180C2 in hex), the OUI value of the dot3OamEventLogOui object identifies the organization that has defined the event space.

---

*Cl* **6**     *SC* **6.6.2**     *P* **125**     *L* **17**     *#* I-44

Rolfe, Benjamin            Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**           *MAY*

" since multiple occurrences may 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.

*Response*           *Response Status* **W**

ACCEPT IN PRINCIPLE.

Changed all instances of "For threshold crossing events, since multiple occurrences may be required to cross the threshold, these values are likely different." to "For threshold crossing events  when multiple occurrences cross the threshold, the number of events and the number of resulting Event Notifications are likely to be different."

---

*Cl* **6**     *SC* **6.6.2**     *P* **125**     *L* **45**     *#* I-45

Rolfe, Benjamin            Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**           *MAY*

"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.

*Response*           *Response Status* **W**

ACCEPT IN PRINCIPLE.

Changed all instances of "For threshold crossing events, since multiple occurrences may be required to cross the threshold, these values are likely different." to "For threshold crossing events  when multiple occurrences cross the threshold, the number of events and the number of resulting Event Notifications are likely to be different."

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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* **6**
*SC* **6.6.2**

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10/9/2024  8:40:32 AM

*Cl* **7**     *SC* **7.1.1**       *P* **131**       *L* **23**       # I-46

Rolfe, Benjamin         Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**        *MAY*

"These repeater MIB module objects may be used to manage non-standard repeater-like devices; however, defining objects to describe implementation-specific properties of non-standard 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"

*Response*        *Response Status* **W**

ACCEPT.

*Cl* **7**     *SC* **7.1.3.2**       *P* **132**       *L* **25**       # I-47

Rolfe, Benjamin         Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**        *MAY*

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

*Response*        *Response Status* **W**

ACCEPT.

*Cl* **7**     *SC* **7.3.2**       *P* **139**       *L* **11**       # I-48

Rolfe, Benjamin         Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**        *MAY*

" 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"

*Response*        *Response Status* **W**

ACCEPT.

*Cl* **7**     *SC* **7.3.2**       *P* **140**       *L* **1**       # I-49

Rolfe, Benjamin         Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**        *MAY*

"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"

*Response*        *Response Status* **W**

ACCEPT.

*Cl* **7**     *SC* **7.3.2**       *P* **141**       *L* **13**       # I-50

Rolfe, Benjamin         Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**        *MAY*

Misuse of "may".

*SuggestedRemedy*

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

*Response*        *Response Status* **W**

ACCEPT.

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* **7**
*SC* **7.3.2**

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*Cl* **7**        *SC* **7.3.2**              *P* **142**        *L* **30**        # I-51

Rolfe, Benjamin                          Blind Creek Associates

*Comment Type*  **TR**      *Comment Status*  **A**                      *MAY*

"(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.

*Response*                *Response Status*  **W**

ACCEPT.

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*Cl* **7**        *SC* **7.3.2**              *P* **144**        *L* **34**        # I-52

Rolfe, Benjamin                          Blind Creek Associates

*Comment Type*  **TR**      *Comment Status*  **A**                      *MAY*

" 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.

*Response*                *Response Status*  **W**

ACCEPT IN PRINCIPLE.

Changed "For example, the implementor may choose to delay the reset long enough to
allow the SNMP response to be transmitted." to "For example, it is possible to delay the
reset to allow the SNMP response to be transmitted."

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*Cl* **7**        *SC* **7.3.2**              *P* **144**        *L* **50**        # I-53

Rolfe, Benjamin                          Blind Creek Associates

*Comment Type*  **TR**      *Comment Status*  **A**                      *MAY*

"Packets
 received during the test may or may not be  transferred" is another obvious misuse of
"may".   Since none of the other listed items appears to state requirements (no normative
language) guessing this shouldn't either.

*SuggestedRemedy*

change to:  Packets  received during the test can be but are not required to be  transferred

*Response*                *Response Status*  **W**

ACCEPT IN PRINCIPLE.

Changed "Packets received during the test may or may not be transferred." to  "Packets
received during the test can be transferred."

---

*Cl* **7**        *SC* **7.3.2**              *P* **147**        *L* **13**        # I-54

Rolfe, Benjamin                          Blind Creek Associates

*Comment Type*  **TR**      *Comment Status*  **A**                      *MAY*

"A discontinuity may occur in the value
 when the value of object  rptrMonitorPortLastChange changes" is stating a possibility.

*SuggestedRemedy*

change "may" to "can"

*Response*                *Response Status*  **W**

ACCEPT.

---

*Cl* **7**        *SC* **7.3.2**              *P* **147**        *L* **43**        # I-55

Rolfe, Benjamin                          Blind Creek Associates

*Comment Type*  **TR**      *Comment Status*  **A**                      *MAY*

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
requirement.

*SuggestedRemedy*

change "may" to "can"

*Response*                *Response Status*  **W**

ACCEPT.

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TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general                                         *Cl*  **7**                    Page 7 of 16
COMMENT STATUS: D/dispatched  A/accepted  R/rejected     RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn        *SC*  **7.3.2**            10/9/2024  8:40:32 AM
SORT ORDER: Clause, Subclause, page, line

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*Cl* **7**    *SC* **7.3.2**      *P* **148**      *L* **20**     # I-56

Rolfe, Benjamin          Blind Creek Associates

*Comment Type*   **TR**     *Comment Status*   **A**           *MAY*

"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"

*Response*          *Response Status*   **W**

ACCEPT.

---

*Cl* **7**    *SC* **7.3.2**      *P* **148**      *L* **52**     # I-57

Rolfe, Benjamin          Blind Creek Associates

*Comment Type*   **TR**     *Comment Status*   **A**           *MAY*

"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"

*Response*          *Response Status*   **W**

ACCEPT.

---

*Cl* **7**    *SC* **7.3.2**      *P* **149**      *L* **46**     # I-58

Rolfe, Benjamin          Blind Creek Associates

*Comment Type*   **TR**     *Comment Status*   **A**           *MAY*

Both uses of "may" in this paragraph are incorrect: "ShortEvents may indicate externally generated noise hits that will cause the repeater
to transmit Runts to its other ports, or propagate
a collision (which may be late) back to the transmitting DTE and damaged frames to the rest of the network" stating a fact (possible consequence)

*SuggestedRemedy*

change "may" to "might"

*Response*          *Response Status*   **W**

ACCEPT.

---

*Cl* **7**    *SC* **7.3.2**      *P* **149**      *L* **54**     # I-59

Rolfe, Benjamin          Blind Creek Associates

*Comment Type*   **TR**     *Comment Status*   **A**           *MAY*

"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.

*Response*          *Response Status*   **W**

ACCEPT.

---

*Cl* **7**    *SC* **7.3.2**      *P* **150**      *L* **5**     # I-60

Rolfe, Benjamin          Blind Creek Associates

*Comment Type*   **TR**     *Comment Status*   **A**           *MAY*

"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"

*Response*          *Response Status*   **W**

ACCEPT.

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*Cl* **7**    *SC* **7.3.2**      *P* **150**      *L* **42**     # I-61

Rolfe, Benjamin          Blind Creek Associates

*Comment Type*   **TR**     *Comment Status*   **A**           *MAY*

"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).

*SuggestedRemedy*

delete "or may not"

*Response*          *Response Status*   **W**

ACCEPT.

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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*  **7**         Page 8 of 16
*SC*  **7.3.2**     10/9/2024   8:40:32 AM

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*Cl* **7**          *SC* **7.3.2**                    *P* **150**          *L* **53**          # I-62

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*   **TR**      *Comment Status*   **A**                              *MAY*

"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"

*Response*                    *Response Status*   **W**

ACCEPT.

---

*Cl* **7**          *SC* **7.3.2**                    *P* **150**          *L* **58**          # I-63

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*   **TR**      *Comment Status*   **A**                              *MAY*

"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"

*Response*                    *Response Status*   **W**

ACCEPT.

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*Cl* **7**          *SC* **7.3.2**                    *P* **153**          *L* **17**          # I-72

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*   **TR**      *Comment Status*   **A**                              *MAY*

"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".

*Response*                    *Response Status*   **W**

ACCEPT.

---

*Cl* **7**          *SC* **7.3.2**                    *P* **153**          *L* **17**          # I-64

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*   **TR**      *Comment Status*   **A**                              *MAY*

"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".

*Response*                    *Response Status*   **W**

ACCEPT.

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*Cl* **11**          *SC* **11.2.1.4**                    *P* **318**          *L* **8**          # I-99

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*   **TR**      *Comment Status*   **A**                              *MAY*

"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".

*Response*                    *Response Status*   **W**

ACCEPT.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general          *Cl* **11**          Page 9 of 16
COMMENT STATUS: D/dispatched  A/accepted  R/rejected     RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn          *SC* **11.2.1.4**          10/9/2024  8:40:32 AM
SORT ORDER: Clause, Subclause, page, line

*Cl* **11**     *SC* **11.2.1.4**     *P* **318**     *L* **17**     # I-98

Rolfe, Benjamin     Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**       *MAY*

"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"

*Response*     *Response Status* **W**

ACCEPT IN PRINCIPLE.

Changed "some interfaces may fail to initialize" to "some interfaces can fail to initialize"

*Cl* **11**     *SC* **11.2.3**     *P* **320**     *L* **43**     # I-97

Rolfe, Benjamin     Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**       *MAY*

" may become burdensome" suggests that burdensome is something specifdied in this stanadard as a permisible action. Seems like something to be avoided, not permitted.

*SuggestedRemedy*

Change "may become" to "becomes"

*Response*     *Response Status* **W**

ACCEPT.

*Cl* **11**     *SC* **11.4**     *P* **322**     *L* **6**     # I-95

Rolfe, Benjamin     Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**       *MAY*

"may be affected" is a statement of fact, not a permissible action within the scope of this standard.

*SuggestedRemedy*

change "may" to "might"

*Response*     *Response Status* **W**

ACCEPT.

*Cl* **11**     *SC* **11.4**     *P* **322**     *L* **10**     # I-91

Rolfe, Benjamin     Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**       *MAY*

"may" is being used incorrectly to describe a possible consequence, not a permissible action."may lead to"

*SuggestedRemedy*

change "may" to "might"

*Response*     *Response Status* **W**

ACCEPT.

*Cl* **11**     *SC* **11.4**     *P* **322**     *L* **13**     # I-92

Rolfe, Benjamin     Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**       *MAY*

"may" is being used incorrectly to describe a possible consequence, not a permissible action."may lead to"

*SuggestedRemedy*

change "may" to "might"

*Response*     *Response Status* **W**

ACCEPT.

*Cl* **11**     *SC* **11.4**     *P* **322**     *L* **15**     # I-93

Rolfe, Benjamin     Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**       *MAY*

"may" is being used incorrectly to describe a possible consequence, not a permissible action."may lead to may lead to a wrongful discove" measn that wrongful discovery is a permitted action within the scope of this stanadard. Quite strongly suspect this is not what is intended

*SuggestedRemedy*

change "may" to "might"

*Response*     *Response Status* **W**

ACCEPT.

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general     *Cl* **11**     Page 10 of 16

COMMENT STATUS: D/dispatched  A/accepted  R/rejected     RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn     *SC* **11.4**     10/9/2024  8:40:32 AM

SORT ORDER: Clause, Subclause, page, line

| *Cl* **11** | *SC* **11.4** | *P* **322** | *L* **20** | # I-94 |
|---|---|---|---|---|

Rolfe, Benjamin          Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**          *MAY*

"may head to anything" is clearly an informative lead-in and not a permissible action within the scope of this standard.

*SuggestedRemedy*

change "may" to "might"

*Response*         *Response Status* **W**

ACCEPT.

| *Cl* **11** | *SC* **11.4** | *P* **322** | *L* **27** | # I-96 |
|---|---|---|---|---|

Rolfe, Benjamin          Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**          *MAY*

"may cause" is a statement of fact.

*SuggestedRemedy*

change "may" to "might"

*Response*         *Response Status* **W**

ACCEPT.

| *Cl* **11** | *SC* **11.5.2** | *P* **350** | *L* **26** | # I-89 |
|---|---|---|---|---|

Rolfe, Benjamin          Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**          *MAY*

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"

*Response*         *Response Status* **W**

ACCEPT IN PRINCIPLE.

Changed "This value may indicate a possible" to "This value indicates a possible

| *Cl* **11** | *SC* **11.5.2** | *P* **356** | *L* **49** | # I-88 |
|---|---|---|---|---|

Rolfe, Benjamin          Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**          *MAY*

"Profiles may be created/deleted using the row creation/ deletion mechanism via efmCuPme10PProfileRowStatus. " Seems informative in context.

*SuggestedRemedy*

Change "may be" to "are".

*Response*         *Response Status* **W**

ACCEPT.

| *Cl* **11** | *SC* **11.5.2** | *P* **361** | *L* **31** | # I-87 |
|---|---|---|---|---|

Rolfe, Benjamin          Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**          *MAY*

"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.

*Response*         *Response Status* **W**

ACCEPT.

| *Cl* **11** | *SC* **11.5.2** | *P* **363** | *L* **51** | # I-86 |
|---|---|---|---|---|

Rolfe, Benjamin          Blind Creek Associates

*Comment Type* **TR**     *Comment Status* **A**          *MAY*

"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.

*Response*         *Response Status* **W**

ACCEPT.

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* **11.5.2**

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10/9/2024  8:40:32 AM

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*Cl* **11**     *SC* **11.5.2**          *P* **366**        *L* **30**        # I-85

Rolfe, Benjamin               Blind Creek Associates

*Comment Type*   **TR**     *Comment Status*  **A**              *MAY*

"Profiles may be created/deleted using the row creation/ deletion mechanism via efmCuPme10PPProfileRowStatus. " 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".

*Response*               *Response Status*  **W**

ACCEPT.

---

*Cl* **11**     *SC* **11.5.2**          *P* **367**        *L* **8**        # I-84

Rolfe, Benjamin               Blind Creek Associates

*Comment Type*   **TR**     *Comment Status*  **A**              *MAY*

"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.

*Response*               *Response Status*  **W**

ACCEPT.

---

*Cl* **11**     *SC* **11.5.2**          *P* **372**        *L* **54**      # I-83

Rolfe, Benjamin               Blind Creek Associates

*Comment Type*   **TR**     *Comment Status*  **A**              *MAY*

"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.

*Response*               *Response Status*  **W**

ACCEPT.

---

*Cl* **12**     *SC* **12.1**          *P* **378**        *L* **22**      # I-82

Rolfe, Benjamin               Blind Creek Associates

*Comment Type*   **TR**     *Comment Status*  **A**

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.

*Response*               *Response Status*  **W**

ACCEPT IN PRINCIPLE.

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

---

*Cl* **12**     *SC* **12.1.3**        *P* **379**        *L* **10**      # I-81

Rolfe, Benjamin               Blind Creek Associates

*Comment Type*   **TR**     *Comment Status*  **A**              *MAY*

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-initialze 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.

*Response*               *Response Status*  **W**

ACCEPT.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general         *Cl* **12**        Page 12 of 16
COMMENT STATUS: D/dispatched  A/accepted  R/rejected     RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn     *SC* **12.1.3**      10/9/2024  8:40:33 AM
SORT ORDER: Clause, Subclause, page, line

*Cl* **12**        *SC* **12.3.2**                    *P* **393**        *L* **59**            # I-80

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*   **TR**        *Comment Status*   **A**                              *MAY*

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

*SuggestedRemedy*

change "may" to "can".

*Response*                    *Response Status*   **W**

ACCEPT.

---

*Cl* **13**        *SC* **13.2**                    *P* **401**        *L* **24**            # I-79

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*   **TR**        *Comment Status*   **A**                              *MAY*

"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?

*SuggestedRemedy*

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

*Response*                    *Response Status*   **W**

ACCEPT.

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*Cl* **13**        *SC* **13.2.5.1**                    *P* **405**        *L* **22**            # I-78

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*   **TR**        *Comment Status*   **A**                              *MAY*

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.

*Response*                    *Response Status*   **W**

ACCEPT IN PRINCIPLE.

Changed

In some cases, new MAU types may require additional managed objects or may have side effects on the behavior of existing managed objects. In such cases, a standards-track specification (which may be a new document or a revision of this document) is also required. Any such document 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 document for 10GBASE-W MAUs.

To

In some cases, new MAU types 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.

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general                    *Cl*  **13**                    Page 13 of 16
COMMENT STATUS: D/dispatched  A/accepted  R/rejected      RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn                    *SC*  **13.2.5.1**                    10/9/2024  8:40:33 AM
SORT ORDER: Clause, Subclause, page, line

*Cl* **13**      *SC* **13.3**                *P* **406**        *L* **6**          # I-77

Rolfe, Benjamin                          Blind Creek Associates

*Comment Type*  **TR**      *Comment Status*  **A**                          *MAY*

" 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.

*Response*                    *Response Status*  **W**

ACCEPT.

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*Cl* **13**      *SC* **13.3**                *P* **406**        *L* **29**         # I-76

Rolfe, Benjamin                          Blind Creek Associates

*Comment Type*  **TR**      *Comment Status*  **A**                          *MAY*

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" qualilfies this as "not always" which is what I think you mean by "may be" in this instance.

*SuggestedRemedy*

Change "may be" to "is".

*Response*                    *Response Status*  **W**

ACCEPT.

---

*Cl* **13**      *SC* **13.5.2**              *P* **406**        *L* **64**         # I-75

Rolfe, Benjamin                          Blind Creek Associates

*Comment Type*  **TR**      *Comment Status*  **R**                          *MAY*

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

*Response*                    *Response Status*  **W**

REJECT.

The text of the footnote is informative (Style Manual, 2020, section 18.2) and not normative. In this context, the "may" statement is appropriate as it is. Furthermore, the text of this footnote has been balloted before in various releases of IEEE Std 802.3, 802.3.1, and 802.3.2, with request for changes.

No changes were made.

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*Cl* **13**      *SC* **13.5.2**              *P* **414**        *L* **5**          # I-74

Rolfe, Benjamin                          Blind Creek Associates

*Comment Type*  **TR**      *Comment Status*  **A**                          *MAY*

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 coures is delete the sentence.

*SuggestedRemedy*

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

*Response*                    *Response Status*  **W**

ACCEPT.

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general          *Cl* **13**          Page 14 of 16
COMMENT STATUS: D/dispatched  A/accepted  R/rejected     RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn          *SC* **13.5.2**      10/9/2024  8:40:33 AM
SORT ORDER: Clause, Subclause, page, line

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*Cl* **13**        *SC* **13.5.2**                    *P* **419**        *L* **54**            # I-73

Rolfe, Benjamin                                Blind Creek Associates

*Comment Type*  **TR**        *Comment Status*  **A**                              *MAY*

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 permissible 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 coures is delete the sentence.

*SuggestedRemedy*

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

*Response*                    *Response Status*  **W**

ACCEPT.

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*Cl* **13**        *SC* **13.5.2**                    *P* **423**        *L* **13**            # I-71

Rolfe, Benjamin                                Blind Creek Associates

*Comment Type*  **TR**        *Comment Status*  **A**                              *MAY*

"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.

*Response*                    *Response Status*  **W**

ACCEPT.

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*Cl* **13**        *SC* **13.5.2**                    *P* **423**        *L* **53**            # I-70

Rolfe, Benjamin                                Blind Creek Associates

*Comment Type*  **TR**        *Comment Status*  **A**                              *MAY*

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."

*Response*                    *Response Status*  **W**

ACCEPT.

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*Cl* **13**        *SC* **13.5.2**                    *P* **423**        *L* **53**            # I-69

Rolfe, Benjamin                                Blind Creek Associates

*Comment Type*  **TR**        *Comment Status*  **A**                              *MAY*

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."

*Response*                    *Response Status*  **W**

ACCEPT.

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*Cl* **13**        *SC* **13.5.2**                    *P* **437**        *L* **32**            # I-67

Rolfe, Benjamin                                Blind Creek Associates

*Comment Type*  **TR**        *Comment Status*  **R**                              *MAY*

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."

*Response*                    *Response Status*  **W**

REJECT.

Unable to locate the context for this comment. The indicates page / line (437 / 32) contains the statement "STATUS current", and all search for the "outside the scope of this MIB" statement also do not produce any results.

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TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general          *Cl* **13**              Page 15 of 16
COMMENT STATUS: D/dispatched  A/accepted  R/rejected      RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn          *SC* **13.5.2**        10/9/2024  8:40:33 AM
SORT ORDER: Clause, Subclause, page, line

*Cl* **13**          *SC* **13.5.2**                    *P* **437**          *L* **38**              # I-68

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*  **TR**        *Comment Status*  **A**                                *MAY*

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."

*Response*                    *Response Status*  **W**

ACCEPT IN PRINCIPLE.

Deleted the statement. Nothing in the standard prevents interfaces to have capabilities not covered by this MIB.

*Cl* **13**          *SC* **13.5.2**                    *P* **438**          *L* **28**              # I-66

Rolfe, Benjamin                              Blind Creek Associates

*Comment Type*  **TR**        *Comment Status*  **A**                                *MAY*

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."
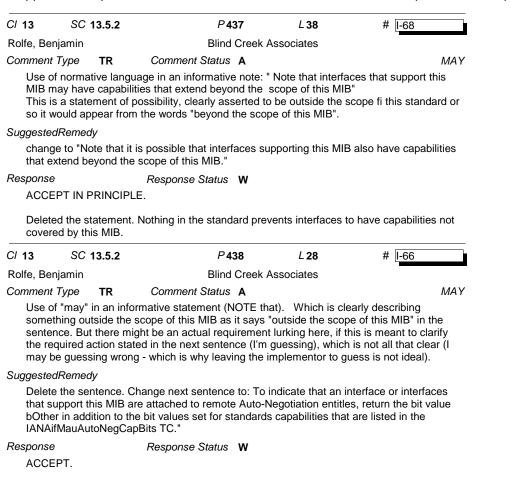
*Response*                    *Response Status*  **W**

ACCEPT.

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general          *Cl*  **13**          Page 16 of 16
COMMENT STATUS: D/dispatched  A/accepted  R/rejected      RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn          *SC*  **13.5.2**          10/9/2024  8:40:33 AM
SORT ORDER: Clause, Subclause, page, line