Cl **FM** *SC* **FM** *P* **0** *L* **27** # 40

Hajduczenia, Marek Charter Communication

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

Something happened with the formatting in FM, where blocks of text are adjusted to both left and right side, for example page 1, lines 27-30.

SuggestedRemedy

Please re-apply proper formatting in FM text to left adjust the text

Proposed Response *Response Status* **O**

Cl **FM** *SC* **FM** *P* **9** *L* **17** # 39

Hajduczenia, Marek Charter Communication

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

Missing list of participants

SuggestedRemedy

Fill in the list of participants of the WG ballot

Proposed Response *Response Status* **O**

Cl **00** *SC* **0** *P* *L* # 179

Huber, Thomas Nokia

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

There appears to be a problem with the ieee802-ethernet-link-oam.yang module in the ZIP file not being aligned with the text of the PDF. As a specific example, the typedef vendor-oui (which appears on page 202 of the PDF) is identified as a string in the PDF, but in the module in the zip is a hex-string. As another example, the leaf "out-information" in the PDF (page 205) is named "information-tx" in the module in the zip. The modification date on most of the files in the zip is 2018-03-14, so perhaps these are all old versions of modules, predating even the 2019 version of 802.3.2a?

SuggestedRemedy

Figure out what happened to cause divergence between the text of the PDF 802.3.2a_D1.0 and the YANG modules in the ZIP file, and create an updated/corrected version of the ZIP file. For the modules to be useful, they need to align with the normative text in the PDF.

Proposed Response *Response Status* **O**

Cl **00** *SC* **0** *P* **0** *L* **0** # 44

Hajduczenia, Marek Charter Communication

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

Document name is shown currently as “IEEE Draft P802.3.xx"

SuggestedRemedy

Change to “IEEE Draft P802.3.2a”

Proposed Response *Response Status* **O**

Cl **2** *SC* **2** *P* **15** *L* **21** # 41

Hajduczenia, Marek Charter Communication

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

Outdated reference to 802.3 standard

SuggestedRemedy

Replace 2018 with 2022

Proposed Response *Response Status* **O**

Cl **2** *SC* **2** *P* **15** *L* **21** # 180

Huber, Thomas Nokia

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

The reference to 802.3 should be to the 2022 version

SuggestedRemedy

Change 2018 to 2022.

Proposed Response *Response Status* **O**

Cl **2** *SC* **2** *P* **15** *L* **23** # 181

Huber, Thomas Nokia

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

The reference to 802.3.1 should be updated to the 2023 version (802.3.1b) that is being developed.

SuggestedRemedy

Change 2013 to 2023.

Proposed Response *Response Status* **O**

Cl **2** *SC* **2** *P* **17** *L* **21** # 42

Hajduczenia, Marek Charter Communication

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

Potentially outdated reference to 802.3.1 standard

SuggestedRemedy

Add editorial note to update reference to 802.3.1 from 2013 to 2024 when the work on that project is finished and the new standard is published.

Proposed Response *Response Status* **O**

Cl **4** *SC* **4** *P* **18** *L* # 103

Schreiner, Stephan Rosenberger

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

Abbreviations in general seems to be very short, compaired to the "Ethernet SMIv2 Data Model" specification. Compared to this document, abbreviations like "ONU" (Page 131), "OLT" (Page 131), "TDM" (Page 131), "LLID" (Page 131), "TDMA" (Page 131), "MPCP" (Page 131), "WDM" (Page 131) should be included

SuggestedRemedy

Include missing abbreviations for readers convenience

Proposed Response *Response Status* **O**

Cl **4** *SC* **4** *P* **18** *L* **11** # 101

Schreiner, Stephan Rosenberger

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

Search for EFM indicates, that it is only mentioned in the abbreviations.

SuggestedRemedy

Remove EFM from abbreviations

Proposed Response *Response Status* **O**

Cl **4** *SC* **4** *P* **18** *L* **22** # 102

Schreiner, Stephan Rosenberger

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

"PoE" is mentioned in the abbreviations, however "PoDL" isn't. Both appears on page 114 Line 15 in close proximity to each other

SuggestedRemedy

Include PoDL in abbreviations

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.1** *P* **19** *L* **4** # 57

Parkholm, Ulf Ericsson

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

Yang Module structure missing Mac Merge description

SuggestedRemedy

Add MAC Merge description

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.2** *P* **19** *L* **19** # 58

Parkholm, Ulf Ericsson

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

Missing reference to table 5-2,5-3

SuggestedRemedy

Add reference to table 5-2 and 5-3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.2** *P* **20** *L* **1** # 43

Hajduczenia, Marek Charter Communication

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

No page numbers on horizontal pages. No lines either

SuggestedRemedy

Please make sure that pages and line numbers are shown on horizontal pages

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.2** *P* **25** *L* **1** # 45

Hajduczenia, Marek Charter Communication

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

Text formatting in Table 5-6 uses green color

SuggestedRemedy

Change to default color for normal text

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.2.3.4** *P* **79** *L* **12** # 133

Jones, Peter Cisco

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

Most, if not all, of the "revision" clauses are out of date. These should be updated as we issue drafts.

SuggestedRemedy

Add new revision clause for each module for each draft, we can remove them when we publish the standard, e.g.,
This should have been
revision 2019-11-28 {
description "802.3 TF review D1.0.";
}

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.2.3.4** *P* **79** *L* **17** # 134

Jones, Peter Cisco

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

802.3.2a reference is incorrect

SuggestedRemedy

Change 802.3-2018 to 802.3-2022

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.2.3.4** *P* **79** *L* **37** # 135

Jones, Peter Cisco

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

remove "-2022" from following referecnes to 802.3, it's included in the revision clause, if my previous comment is accepted.

SuggestedRemedy

Change "IEEE Std IEEE Std 802.3-2022" to "IEEE Std 802.3" in remainder of this YANG module

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.2.3.4** *P* **85** *L* **11** # 136

Jones, Peter Cisco

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

Formatting issues on many of the leaf descriptions in this augments clause

SuggestedRemedy

fix formatting

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.2.3.4** *P* **92** *L* **13** # 137

Jones, Peter Cisco

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

Some of the leafs use "A SET attribute"/"A GET attribute", and some use "read-only". Be consistent.

SuggestedRemedy

Change"A SET ..." to "A read-write ..." and change"A GET ..." to "A read-only ..." thoughout the clause/module

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3** *P* **25** *L* # 59

Parkholm, Ulf Ericsson

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

Green colour for text in table 5-6

SuggestedRemedy

Correct colour of font to black for Table 5-6

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3** *P* **37** *L* **1** # 46

Hajduczenia, Marek Charter Communication

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

Given the size of the some of the YANG trees, and how text breaks across lines, please consider changing page orientation for all YANG tree sections into horizontal

SuggestedRemedy

Per comment, applicable to all YANG tree sections

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **49** *L* **1** # 104

Jones, Peter Cisco

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

Need to pull some missing content from oPHYEntity, at least aPhyType and aPhyTypeList.
In 802.3.1 these come in as IANAifMauTypeListBits and ifMauType(AutonomousType) from IANA-MAU-MIB.
we need the equivalent definitions and attributes for the YANG model.

SuggestedRemedy

Define new tables/leaves/types etc.
This will need some work, and presentations to the group.
Add editor's note calling for contrubutiuons in the mean time?

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **49** *L* **10** # 47

Hajduczenia, Marek Charter Communication

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

URL https://github.com/YangModels/yang/tree/master/standard/ieee/published/802.3 leads to 404 location and needs to be updated

SuggestedRemedy

Change all the URLs to YANG modules from https://github.com/YangModels/yang/tree/master/standard/ieee/published/802.3 to https://github.com/YangModels/yang/tree/main/standard/ieee/published/802.3, which resolves correctly. Multiple locations in the draft

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **49** *L* **10** # 48

Hajduczenia, Marek Charter Communication

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

All URLs should be prefaces with editorial note to indicate that the URL contains the 2019 version of the modules right now and new versions will be published once the standard has been approved

SuggestedRemedy

Per comment, applicable to all YANG sections
We also need to push the existing “published” modules into 2019 version for bookeeping and update the readme file on the github page to make sure people are aware where what is.

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **50** *L* **3** # 60

Parkholm, Ulf Ericsson

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

Reference to IEEE Std 802.3-2018

SuggestedRemedy

Update to reference IEEE Std 802.3-2022 and IEEE Std 802.3.1-2013

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **53** *L* **29** # 61

Parkholm, Ulf Ericsson

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

IEEE 802.3,

SuggestedRemedy

Update to reference IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **67** *L* **26** # 62

Parkholm, Ulf Ericsson

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

"IEEE Std 802.3-2018, unless dated explicitly";

SuggestedRemedy

Update to "IEEE Std 802.3-2022, unless dated explicitly";

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **73** *L* **53** # 63

Parkholm, Ulf Ericsson

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

Unless otherwise indicated, the references in this model module are to IEEE Std 802.3-2018.";

SuggestedRemedy

"Update "the references in this model module are to IEEE Std 802.3-2018, unless dated explicitly";

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **73** *L* **61** # 64

Parkholm, Ulf Ericsson

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

"IEEE Std 802.3-2018";

SuggestedRemedy

"IEEE Std 802.3-2022";

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **74** *L* **74** # 65

Parkholm, Ulf Ericsson

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

30.14.1.3"

SuggestedRemedy

Update with reference to IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **75** *L* **19** # 66

Parkholm, Ulf Ericsson

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

"30.14.1.6";

SuggestedRemedy

Update with reference to IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **75** *L* **31** # 67

Parkholm, Ulf Ericsson

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

(see Figure 99?)

SuggestedRemedy

Update with reference to IEEE Std 802.3 figure 99-5

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **75** *L* **34** # 68

Parkholm, Ulf Ericsson

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

"30.14.1.7"

SuggestedRemedy

Update with reference to IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **75** *L* **65** # 69

Parkholm, Ulf Ericsson

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

30.14.1.1"

SuggestedRemedy

Update with reference to IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **76** *L* **12** # 70

Parkholm, Ulf Ericsson

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

The Verify State diagram (Figure 99?)

SuggestedRemedy

The Verify State diagram Figure 99-8 in IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **76** *L* **50** # 71

Parkholm, Ulf Ericsson

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

"30.14.1.2";

SuggestedRemedy

Update with reference to IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **77** *L* **17** # 72

Parkholm, Ulf Ericsson

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

"30.14.1.5"

SuggestedRemedy

Update with reference to IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **77** *L* **35** # 73

Parkholm, Ulf Ericsson

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

"30.14.1.8"

SuggestedRemedy

Update with reference to IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **78** *L* **2** # 74

Parkholm, Ulf Ericsson

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

"30.14.1.10";

SuggestedRemedy

Update with reference to IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **78** *L* **15** # 75

Parkholm, Ulf Ericsson

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

30.14.1.11";

SuggestedRemedy

Update with reference to IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **78** *L* **29** # 76

Parkholm, Ulf Ericsson

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

"30.14.1.12";

SuggestedRemedy

Update with reference to IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **78** *L* **40** # 77

Parkholm, Ulf Ericsson

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

30.14.1.13";

SuggestedRemedy

Update with reference to IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **79** *L* **16** # 78

Parkholm, Ulf Ericsson

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

IEEE Std 802.3.2a, unless dated explicitly"

SuggestedRemedy

Update with IEEE Std 802.3-2022

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **79** *L* **37** # 79

Parkholm, Ulf Ericsson

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

"30.12.2.1.5 of IEEE Std IEEE Std 802.3-2022"

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.2.1.5

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **79** *L* **58** # 80

Parkholm, Ulf Ericsson

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

"30.12.2.1.9 of IEEE Std IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.2.1.9

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **80** *L* **31** # 81

Parkholm, Ulf Ericsson

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

30.12.2.1.10 of IEEE Std IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.2.1.10

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **81** *L* **7** # 82

Parkholm, Ulf Ericsson

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

"30.12.3.1.26 of IEEE Std IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.3.1.26

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **82** *L* **1** # 83

Parkholm, Ulf Ericsson

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

"30.12.3.1.28 of IEEE Std IEEE Std 802.3-2022"

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.3.1.28

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **82** *L* **43** # 84

Parkholm, Ulf Ericsson

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

30.12.2.1.29 of IEEE Std IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.2.1.29

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **83** *L* **9** # 85

Parkholm, Ulf Ericsson

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

30.12.2.1.16 of IEEE Std IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.2.1.16

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **83** *L* **63** # 86

Parkholm, Ulf Ericsson

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

30.12.2.1.15 of IEEE Std IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.2.1.15

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **84** *L* **23** # 87

Parkholm, Ulf Ericsson

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

30.12.2.1.23 of IEEE Std IEEE Std 802.3-2022"

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.2.1.23

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **84** *L* **48** # 88

Parkholm, Ulf Ericsson

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

"30.12.2.1.24 of IEEE Std IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.2.1.24

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **85** *L* **9** # 89

Parkholm, Ulf Ericsson

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

30.12.2.1.25 of IEEE Std IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.2.1.25

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **85** *L* **13** # 90

Parkholm, Ulf Ericsson

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

802.3

SuggestedRemedy

IEEE Std 802.3

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **85** *L* **20** # 91

Parkholm, Ulf Ericsson

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

"30.12.1.1.1 of IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.1.1.1

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **85** *L* **25** # 92

Parkholm, Ulf Ericsson

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

"30.12.1.1.1 of IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.1.1.1

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **85** *L* **31** # 93

Parkholm, Ulf Ericsson

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

"30.12.1.1.1 of IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.1.1.1

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **85** *L* **36** # 94

Parkholm, Ulf Ericsson

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

"30.12.1.1.1 of IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.1.1.1

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **85** *L* **42** # 95

Parkholm, Ulf Ericsson

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

"30.12.1.1.1 of IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.1.1.1

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **85** *L* **47** # 96

Parkholm, Ulf Ericsson

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

"30.12.1.1.1 of IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.1.1.1

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **85** *L* **52** # 97

Parkholm, Ulf Ericsson

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

"30.12.1.1.1 of IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.1.1.1

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2** *P* **85** *L* **60** # 98

Parkholm, Ulf Ericsson

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

"30.12.1.1.1 of IEEE Std 802.3-2022";

SuggestedRemedy

IEEE Std 802.3, Clause 30.12.1.1.1

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **49** *L* **15** # 49

Hajduczenia, Marek Charter Communication

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

It seems all existing YANG modules included in the draft do not match the approved YANG modules published at https://github.com/YangModels/yang/tree/main/standard/ieee/published/802.3. Not sure when the change happened but the baseline module versions must be aligned with what was previously published

SuggestedRemedy

Roll in all existing YANG modules from https://github.com/YangModels/yang/tree/main/standard/ieee/published/802.3 and apply any maintenance request changes (there are 4-5 locations where changes are needed). Then apply on top any changes per comments from this ballot. Make sure that the modules are pulled into FM files from a local txt file and keep the text files updated as needed. Publish updated text files in a zip file as well to facilitate testing

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **49** *L* **24** # 105

Jones, Peter Cisco

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

Most, if not all, of the "revision" clauses are out of date. These should be updated as we issue drafts.

SuggestedRemedy

Add new revision clause for each module for each draft, we can remove them when we publish the standard, e.g.,
This should have been
revision 2019-11-28 {
description "802.3 TF review D1.0.";
}

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **49** *L* **45** # 106

Jones, Peter Cisco

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

iana-if-type reference is out of date

SuggestedRemedy

Change iana-if-type@2018-07-03.yang to iana-if-type@2023-01-26.yang
Check and change for all modules

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **50** *L* **0** # 51

Hajduczenia, Marek Charter Communication

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

Insert a new revision statement to cover the alignment with 802.3-2022 and any published amendments

SuggestedRemedy

Per comment, applicable to all YANG

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **50** *L* **3** # 50

Hajduczenia, Marek Charter Communication

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

Update all references for 802.3 from 2018 to 2022.

SuggestedRemedy

Applicable to all YANG modules

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **50** *L* **3** # 107

Jones, Peter Cisco

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

802.3 reference is out of date

SuggestedRemedy

Change 802.3-2018 to 802.3-2022
Check and change for all modules

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **54** *L* **20** # 108

Jones, Peter Cisco

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

These behaviors apply to all objects in this container.
Define at the container level and don't repeat at the leaf level.
repeated "Discontinuities …" text in the leaves.
Move "Discontinuities ..." text to container and remove from objects.
See "container frame { " as example.

SuggestedRemedy

Add
"Discontinuities in the values of counters in this container can occur at re-initialization of the management system, and at other times as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG module (IETF RFC 8343). ";
Remove
"Discontinuities ..." text from leaves unless it difffers from the container level behaviour.

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **55** *L* **24** # 109

Jones, Peter Cisco

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

These behaviors apply to all objects in this container.
Define at the container level and don't repeat at the leaf level.
Move "Discontinuities ..." text to container and remove from objects.
See "container frame { " as example.

SuggestedRemedy

Add
"Discontinuities in the values of counters in this container can occur at re-initialization of the management system, and at other times as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG module (IETF RFC 8343). ";
Remove
"Discontinuities ..." text from leaves unless it difffers from the container level behaviour.

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **55** *L* **46** # 110

Jones, Peter Cisco

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

Should not be defining 802.3.2 objects by reference to 802.3.1.
PFC functionality is in defined in 802.1Q clause 36.
PFC uses the M_CONTROL primitives defined in 802.1AC-2016 11.4.
802.1AC-2016 13.1 Ethernet convergence function says that the parameters are passed directly to the corresponding 802.3 MA_CONTROL primitives .
802.3 defines control frame handling in Clause 31, and "Opcode-independent MAC Control sublayer operation" in 31.5
Opcodes are defined in Annex 31A, and PFC handling in Annex 31D. The state machines in 31D.4.4 and 31D.6.3 do not count the PFC messages

SuggestedRemedy

Remove in-frames-pfc & out-frames-pfc
or add new clause 30 objects

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **57** *L* **43** # 111

Jones, Peter Cisco

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

These behaviors apply to all objects in this container.
Define at the container level and don't repeat at the leaf level.

SuggestedRemedy

Remove "Also see the 'description' statement..." text from objects unless they do not conform to this standard.

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **57** *L* **50** # 112

Jones, Peter Cisco

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

Typo

SuggestedRemedy

Change "once …" to "once."

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **57** *L* **54** # 113

Jones, Peter Cisco

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

Should only refer to the MAC Client

SuggestedRemedy

Change "LLC (or other MAC user)" to "MAC Client"

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **57** *L* **59** # 114

Jones, Peter Cisco

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

Should only refer to the MAC Client

SuggestedRemedy

Change "the LLC " to "the MAC Client"

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **60** *L* **17** # 115

Jones, Peter Cisco

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

Poorly worded

SuggestedRemedy

replace
"This count effectively comprises aFrameCheckSequenceErrors and aAlignmentErrors added together."
with
"This counter is calculated by summing the following IEEE Std 802.3, Clause 30 counters:
aFrameCheckSequenceErrors +
aAlignmentErrors"

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **60** *L* **52** # 116

Jones, Peter Cisco

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

We should not not be defining objects that are not specified in 802.3.
RFC 2819 defines this as
"The total number of packets received that were less than 64 octets long (excluding framing bits, but including FCS octets) and were otherwise well formed."
What is the equivalent in 802.3? If there isn't one, this should be removed

SuggestedRemedy

Reference to existing or new clause 30 object(s), or remove this.

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **63** *L* **11** # 117

Jones, Peter Cisco

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

These behaviors apply to all objects in this container.
Define at the container level and don't repeat at the leaf level.
Move "Discontinuities ..." text to container and remove from objects.
See "container frame { " as example.

SuggestedRemedy

Add
"Discontinuities in the values of counters in this container can occur at re-initialization of the management system, and at other times as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG module (IETF RFC 8343). ";
Remove
"Discontinuities ..." text from leaves unless it diffffers from the container level behaviour.

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.1** *P* **65** *L* **18** # 118

Jones, Peter Cisco

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

These behaviors apply to all objects in this container.
Define at the container level and don't repeat at the leaf level.
Move "Discontinuities ..." text to container and remove from objects.
See "container frame { " as example.

SuggestedRemedy

Add
"Discontinuities in the values of counters in this container can occur at re-initialization of the management system, and at other times as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG module (IETF RFC 8343). ";
Remove
"Discontinuities ..." text from leaves unless it diffffers from the container level behaviour.

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.2** *P* **66** *L* **46** # 119

Jones, Peter Cisco

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

Most, if not all, of the "revision" clauses are out of date. These should be updated as we issue drafts.

SuggestedRemedy

Add new revision clause for each module for each draft, we can remove them when we publish the standard, e.g.,
This should have been
revision 2019-11-28 {
description "802.3 TF review D1.0.";
}

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.2** *P* **67** *L* **1** # 120

Jones, Peter Cisco

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

iana-if-type reference is out of date

SuggestedRemedy

Change iana-if-type@2018-07-03.yang to iana-if-type@2023-01-26.yang
Check and change for all modules

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.2** *P* **67** *L* **26** # 121

Jones, Peter Cisco

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

802.3 reference is out of date

SuggestedRemedy

Change 802.3-2018 to 802.3-2022
Check and change for all modules

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.2** *P* **67** *L* **37** # 122

Jones, Peter Cisco

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

Fix formatting

SuggestedRemedy

Change
"Only valid for Ethernet interfaces operating at speeds (data rates)
above 1000 Mb/s.";
to
"Only valid for Ethernet interfaces operating at speeds (data rates) above 1000 Mb/s.";

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.2** *P* **68** *L* **22** # 123

Jones, Peter Cisco

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

Formatting issues on many of the leaf descriptions in this augment clause

SuggestedRemedy

Fix formatting

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.2** *P* **69** *L* **29** # 124

Jones, Peter Cisco

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

These behaviors apply to all objects in this container.
Define at the container level and don't repeat at the leaf level.
Move "This counter …" and "Discontinuities ..." text to container and remove from objects.
See "container frame { " as example.

SuggestedRemedy

Add "These behaviors apply to all objects in this container."
add "These counters do not increment when the Ethernet interface is operating in full-duplex mode."
Add "Discontinuities in the values of counters in this container can occur at re-initialization of the management system, and at other times as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG module (IETF RFC 8343). ";
Remove "This counter does not increment when the Ethernet interface is operating in full-duplex mode ..." text from objects
Remove "Also see the 'description' statement..." text from objects unless they do not conform to this standard.

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.2** *P* **72** *L* **29** # 125

Jones, Peter Cisco

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

These behaviors apply to all objects in this container.
Define at the container level and don't repeat at the leaf level.
Move "This counter …" and "Discontinuities ..." text to container and remove from objects.
See "container frame { " as example.

SuggestedRemedy

Add "These behaviors apply to all objects in this container."
add "These counters do not increment when the Ethernet interface is operating in full-duplex mode."
Add "Discontinuities in the values of counters in this container can occur at re-initialization of the management system, and at other times as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG module (IETF RFC 8343). ";
Remove "This counter does not increment when the Ethernet interface is operating in full-duplex mode ..." text from objects
Remove "Also see the 'description' statement..." text from objects unless they do not conform to this standard.

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.3** *P* **73** *L* **49** # 126

Jones, Peter Cisco

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

Formatting issue.

SuggestedRemedy

Fix formatting

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.3** *P* **73** *L* **57** # 127

Jones, Peter Cisco

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

Most, if not all, of the "revision" clauses are out of date. These should be updated as we issue drafts.

SuggestedRemedy

Add new revision clause for each module for each draft, we can remove them when we publish the standard, e.g.,
This should have been
revision 2019-11-28 {
description "802.3 TF review D1.0.";
}

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.3** *P* **73** *L* **60** # 128

Jones, Peter Cisco

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

802.3 reference is out of date

SuggestedRemedy

Change 802.3-2018 to 802.3-2022
Check and change for all modules

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.3** *P* **73** *L* **61** # 52

Slavick, Jeff Broadcom

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

The current IEEE802.3 Std is 2022, why is this refernce to 2018?

SuggestedRemedy

Change 2018 to 2022

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.3** *P* **74** *L* **11** # 129

Jones, Peter Cisco

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

Formatting issues on many of the leaf descriptions in this container clause

SuggestedRemedy

Fix formatting

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.3** *P* **74** *L* **11** # 130

Jones, Peter Cisco

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

These behaviors apply to all objects in this container.
Define at the container level and don't repeat at the leaf level.
Move "Discontinuities ..." text to container and remove from objects.
See "container frame { " as example.

SuggestedRemedy

Add
"Discontinuities in the values of counters in this container can occur at re-initialization of the management system, and at other times as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG module (IETF RFC 8343). ";
Remove
"Discontinuities ..." text from leaves unless it difffers from the container level behaviour.

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.3** *P* **74** *L* **38** # 54

Slavick, Jeff Broadcom

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

The references on each of the leaf nodes on pages 74-78 only include a clause number.

SuggestedRemedy

Add "IEEE Std 802.3, " prior to each of the Clause 30.x.x.x text in the "reference" fields

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.3** *P* **77** *L* **27** # 132

Jones, Peter Cisco

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

These behaviors apply to all objects in this container.
Define at the container level and don't repeat at the leaf level.
Move "Discontinuities ..." text to container and remove from objects.
See "container frame { " as example.

SuggestedRemedy

Add
"Discontinuities in the values of counters in this container can occur at re-initialization of the management system, and at other times as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG module (IETF RFC 8343). ";
Remove
"Discontinuities ..." text from leaves unless it difffers from the container level behaviour.

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.3** *P* **77** *L* **27** # 131

Jones, Peter Cisco

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

Formatting issues on many of the leaf descriptions in this container clause

SuggestedRemedy

Fix formatting

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.4** *P* **79** *L* **10** # 56

Slavick, Jeff Broadcom

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

Other modules contain a blanket use this version of the standard unless called out. Add that for LLDP

SuggestedRemedy

Add this sentence to the description for the organization member "Unless otherwise indicated, the references in this model module are to IEEE Std 802.3-2022."

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.4** *P* **79** *L* **37** # 53

Slavick, Jeff Broadcom

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

IEEE Std IEEE Std is appearing in the text

SuggestedRemedy

Remove the redundant IEEE Std from all occurances in the document (pages 79-112, 152 times)

Proposed Response *Response Status* **O**

Cl **5** *SC* **5.3.2.4** *P* **79** *L* **37** # 55

Slavick, Jeff Broadcom

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

The other modules list the reference as "Std, Clause" while PSE is doing it "Clause of Std". Be consistent.

SuggestedRemedy

Change text of the references to use the form "IEE Std 802.3, 30.x" on pages 79-112 where x is the existing sub-clause for that item

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **118** *L* **18** # 138

Jones, Peter Cisco

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

Most, if not all, of the "revision" clauses are out of date. These should be updated as we issue drafts.

SuggestedRemedy

Add new revision clause for each module for each draft, we can remove them when we publish the standard, e.g.,
This should have been
revision 2019-11-28 {
description "802.3 TF review D1.0.";
}

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **118** *L* **57** # 139

Jones, Peter Cisco

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

802.3.2a reference is incorrect

SuggestedRemedy

Change 802.3-2018 to 802.3-2022

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **120** *L* **17** # 99

Schreiner, Stephan Rosenberger

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

There a power classes described from 0 to 11. However, for the mentioned Reference 30.15.1.1.6 have classes 0 to 15. Seems that they be missing

SuggestedRemedy

Include the classes

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **120** *L* **17** # 140

Jones, Peter Cisco

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

We should split the power class enums into into seperate multipair-power-class and singlepair-power-class enumerations.

SuggestedRemedy

Update enumeration.
Split into seperate multipair-power-class and singlepair-power-class enumerations.
30.9.1.1.8 aPSEPowerClassification goes from class 0 to class 8
30.15.1.1.6 aPoDLPSEDetectedPDPowerClass goes from class0 to class15.

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **121** *L* **14** # 141

Jones, Peter Cisco

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

fix Clause 30 reference

SuggestedRemedy

change .6 to .8

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **121** *L* **24** # 142

Jones, Peter Cisco

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

Clause 33 is two pair, clause 145 is 4 pair,

SuggestedRemedy

Change "multi-pair" to "two-pair"

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **121** *L* **34** # 143

Jones, Peter Cisco

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

add "four-pair" identity

SuggestedRemedy

Add
identity four-pair {
base pse-type;
description "PSE support IEEE Std 802.3, Clause 145.";

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **121** *L* **36** # 144

Jones, Peter Cisco

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

Add "all-pairs" identity

SuggestedRemedy

add
identity all {
base powering-pairs;
description "All pairs are in use.";
}

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **121** *L* **37** # 145

Jones, Peter Cisco

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

Add an identity for 802.3bt when using all 4 pairs.

SuggestedRemedy

Add
identity all {
base powering-pairs;
description "All fours pairs are in use.";
}

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **121** *L* **42** # 146

Jones, Peter Cisco

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

language

SuggestedRemedy

Change "The signal pair is in use." to "The signal pairs are in use."

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **121** *L* **47** # 147

Jones, Peter Cisco

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

language

SuggestedRemedy

Change "The signal pair is in use." to "The signal pairs are in use."

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **122** *L* **7** # 148

Jones, Peter Cisco

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

Doesn't include Clause 145.

SuggestedRemedy

Change
"PSE may support IEEE Std 802.3, Clause 33 or IEEE Std 802.3, Clause 104."
to
"PSE supports one or more of IEEE Std 802.3 Clause 33, Clause 104 or Clause 145."

Proposed Response *Response Status* **O**

Cl **6** SC **6.5.2** P **122** L **31** # 149

Jones, Peter Cisco

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

This only app

SuggestedRemedy

Proposed Response *Response Status* **O**

Cl **6** SC **6.5.2** P **122** L **47** # 150

Jones, Peter Cisco

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

leaf pairs-control-ability only really applies to Clause 33.

SuggestedRemedy

Add to description
"This applies when powering-pairs is equal to two-pair"

Proposed Response *Response Status* **O**

Cl **6** SC **6.5.2** P **122** L **60** # 151

Jones, Peter Cisco

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

Missing aPSEPowerDetectionStatusA and aPSEPowerDetectionStatusB.

SuggestedRemedy

review need and add leaves if required

Proposed Response *Response Status* **O**

Cl **6** SC **6.5.2** P **123** L **24** # 152

Jones, Peter Cisco

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

Why don't we include the set of aPSE<name>COunterA and aPSE<name>COunterB objects in the statistics container?

SuggestedRemedy

review need and add leaves if required

Proposed Response *Response Status* **O**

Cl **6** SC **6.5.2** P **123** L **38** # 153

Jones, Peter Cisco

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

fix Clause 30 reference

SuggestedRemedy

Change
"30.9.1.1.8 aPSEPowerDeniedCounter"
to
"30.9.1.1.14 aPSEPowerDeniedCounter"

Proposed Response *Response Status* **O**

Cl **6** SC **6.5.2** P **123** L **50** # 154

Jones, Peter Cisco

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

fix Clause 30 reference

SuggestedRemedy

Change
"30.9.1.1.7 aPSEInvalidSignatureCounter"
to
"30.9.1.1.11 aPSEInvalidSignatureCounter"

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **123** *L* **64** # 155

Jones, Peter Cisco

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

fix Clause 30 reference

SuggestedRemedy

Change
"30.9.1.1.11 aPSEMPSAbsentCounter"
to
"30.9.1.1.20 aPSEMPSAbsentCounter"

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **124** *L* **11** # 157

Jones, Peter Cisco

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

fix Clause 30 reference

SuggestedRemedy

Change
"30.9.1.1.14 aPSECumulativeEnergy"
to
"30.9.1.1.25 aPSECumulativeEnergy"

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **124** *L* **11** # 156

Jones, Peter Cisco

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

fix Clause 30 reference

SuggestedRemedy

Change
"30.9.1.1.9 aPSEOverLoadCounter"
to
"30.9.1.1.17 aPSEOverLoadCounter"

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **124** *L* **14** # 158

Jones, Peter Cisco

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

Remove "leaf short", 30.9.1.1.10 aPSEShortCounter doesn't exist in 802.3-2022

SuggestedRemedy

Remove
leaf short {
.....
}
or add aPSEShortCounter back into clause 30.

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **124** *L* **54** # 159

Jones, Peter Cisco

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

fix Clause 30 reference

SuggestedRemedy

Change
"30.9.1.1.12 aPSEActualPower"
to
"30.9.1.1.23 aPSEActualPower"

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **125** *L* **2** # 160

Jones, Peter Cisco

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

fix Clause 30 reference

SuggestedRemedy

Change
"30.9.1.1.13 aPSEPowerAccuracy"
to
"30.9.1.1.24 aPSEPowerAccuracy"

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **125** *L* **41** # 161

Jones, Peter Cisco

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

Add " PSE" to descriptions, and add typeE and typeF

SuggestedRemedy

Change
enum typeA {
description "TypeA";
}
enum typeB {
description "TypeB";
}
enum typeC {
description "TypeC";
}
enum typeD {
description "TypeD";
}
To
enum typeA {
description "TypeA PSE";
}
enum typeB {
description "TypeB PSE";
}
enum typeC {
description "Type PSEC";
}
enum typeD {
description "TypeD PSE";
}
enum typeE {
description "TypeE PSE";
}
enum typeF {
description "TypeF PSE";
}

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **125** *L* **63** # 162

Jones, Peter Cisco

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

Add Clause 30 refernce

SuggestedRemedy

Add
reference
"IEEE Std 802.3, 30.15.1.1.4 aPoDLPSEType"

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **125** *L* **63** # 163

Jones, Peter Cisco

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

Change Clause 104 reference to Clause 30

SuggestedRemedy

Change "802.3, 104.4.1" to "802.3 30.15.1.1.4 aPoDLPSEType"

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **126** *L* **9** # 164

Jones, Peter Cisco

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

Add " PD" to descriptions, and add typeE and typeF

SuggestedRemedy

Change
enum unknown {
description "Unknown";
}
enum typeA {
description "TypeA";
}
enum typeB {
description "TypeB";
}
enum typeC {
description "TypeC";
}
enum typeD {
description "TypeD";
}
To
enum unknown {
description "Unknown PD type";
}
enum typeA {
description "TypeA PD";
}
enum typeB {
description "TypeB PD";
}
enum typeC {
description "TypeC PD";
}
enum typeD {
description "TypeD PD";
}
enum typeE {
description "TypeE PD";
}
enum typeF {
description "TypeF PD";
}

Proposed Response *Response Status* **O**

Cl **6** *SC* **6.5.2** *P* **126** *L* **62** # 165

Jones, Peter Cisco

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

Add "Discontinuities ..." text to container
See "container frame { " as example.

SuggestedRemedy

Add
"Discontinuities in the values of counters in this container can occur at re-initialization of the management system, and at other times as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG module (IETF RFC 8343). ";

Proposed Response *Response Status* **O**

Cl **7** *SC* **7.4.2** *P* **154** *L* **1** # 166

Jones, Peter Cisco

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

Add "Discontinuities ..." text to container
See "container frame { " as example.

SuggestedRemedy

Add
"Discontinuities in the values of counters in this container can occur at re-initialization of the management system, and at other times as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG module (IETF RFC 8343). ";
Remove
"Discontinuities ..." text from leaves unless it difffers from the container level behaviour.

Proposed Response *Response Status* **O**

Cl **7** *SC* **7.4.2** *P* **160** *L* **45** # 167

Jones, Peter Cisco

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

Add "Discontinuities ..." text to container
See "container frame { " as example.

SuggestedRemedy

Add
"Discontinuities in the values of counters in this container can occur at re-initialization of the management system, and at other times as indicated by the value of the 'discontinuity-time' leaf defined in the ietf-interfaces YANG module (IETF RFC 8343). ";
Remove
"Discontinuities ..." text from leaves unless it difffers from the container level behaviour.

Proposed Response *Response Status* **O**

Cl **7** *SC* **7.4.2** *P* **166** *L* **16** # 168

Jones, Peter Cisco

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

Lots of leaves are "type int32; units 0.1 dBm", we should define a "power measurement" type.

SuggestedRemedy

Add the following typedef and use it for any 0.1 dBm power measurement leaves.
typedef power-level{
type int32;
units "0.1 dBm";
Description
"Power level reflects the value of power, as measured at the optical transceiver, expressed in units of
0.1 dBm."
}

Proposed Response *Response Status* **O**

Cl **7** *SC* **7.4.2** *P* **167** *L* **39** # 169

Jones, Peter Cisco

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

container statistics-trx is not really statistics, change container name/description and trx-data-reliable description??

SuggestedRemedy

Fix naming - suggest "monitoring-trx"

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.4** *P* **190** *L* **1** # 182

Huber, Thomas Nokia

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

Table 8-1 is missing a mapping for the attribute aOAMRemotePDUConfiguration (802.3-2022 clause 30.3.6.1.9)

SuggestedRemedy

Add an entry for attribute aOAMRemotePDUConfiguration, Reference 30.3.6.1.9, Container interfaces/interface/ethernet/link-oam/discovery-info/remote, data node oammtu

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.4** *P* **190** *L* **1** # 184

Huber, Thomas Nokia

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

In the row for oAMLocalErr…, the Container is referencing a branch that doesn't exist in the tree in 8.5.1 (link-oam/link-monitor/event-type)

SuggestedRemedy

Align the Containers in the table and the tree in 8.5.1

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.4** *P* **190** *L* **1** # 185

Huber, Thomas Nokia

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

Table 8-1 is missing a mapping for the attribute aOAMRemoteRevision (802.3-2022 clause 30.3.6.1.13)

SuggestedRemedy

Add an entry for attribute aOAMRemoteRevision, Reference 30.3.6.1.13, Container interfaces/interface/ethernet/link-oam/discovery-info/remote, data node revision

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.4** *P* **190** *L* **1** # 183

Huber, Thomas Nokia

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

The information in the References and Container(s) columns fo the attribute aOAMLocalConfiguration seem to be off - the first row points to 30.3.6.1.6, which is aOAMLocalConfiguration in 802.3, but the container is listed as interfaces/interface/ethernet/link-oam/
discovery-info/remote/functions-supported. The second reference is "aOAMLocalConfiguration" rather than a pointer to a specific clause in 802.3-2022

SuggestedRemedy

Update these rows as appropriate. It is not clear if the first row is really intended to be referencing 30.3.6.1.7 (and this aOAMRemoteConfiguration should also be listed in the Attribute(s) column), or if the Container listed is incorrect. For the second row, it would appear that maybe the Reference is supposed to be 30.3.6.1.6.

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.4** *P* **192** *L* # 100

Schreiner, Stephan Rosenberger

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

"variable-requeste-rx" is not mentioned in the following text. However, "in-variable-request" is mentioned. If this is the correct connection, "aOAMVariableRequestTx (30.3.6.1.28) should be mentioned in the table too, because "out-variable-request" is also mentioned in the following text.

SuggestedRemedy

Adapt the data node column entry. Add aOAMVariableRequestTx to the table.

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.1** *P* **195** *L* **25** # 186

Huber, Thomas Nokia

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

The tree is missing items related to the PME managed objects defined in clause 30.11.2 and MAC entity managed obects defined in clause 30.3.1.1

SuggestedRemedy

See separate file for detailed proposal for what to add.

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **197** *L* **22** # 170

Jones, Peter Cisco

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

Most, if not all, of the "revision" clauses are out of date. These should be updated as we issue drafts.

SuggestedRemedy

Add new revision clause for each module for each draft, we can remove them when we publish the standard, e.g.,
This should have been
revision 2019-11-28 {
description "802.3 TF review D1.0.";
}

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **197** *L* **43** # 171

Jones, Peter Cisco

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

iana-if-type reference is out of date

SuggestedRemedy

Change iana-if-type@2018-07-03.yang to iana-if-type@2023-01-26.yang
Check and change for all modules

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **198** *L* **7** # 172

Jones, Peter Cisco

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

802.3 reference is incorrect

SuggestedRemedy

Change 802.3-2018 to 802.3-2022

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **198** *L* **16** # 173

Jones, Peter Cisco

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

Lots of references into clause 57, shouldn't these objects be defined in Clause 30?

SuggestedRemedy

remove cross-references to clause 57 from "references" clauses

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **198** *L* **57** # 174

Jones, Peter Cisco

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

feature remote-mib-retrieval-initiate is badly names. We are not dealing with a MIB.

SuggestedRemedy

change "-mib-"- to "-data- "

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **202** *L* **54** # 175

Jones, Peter Cisco

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

I really don't like referring to RFC definitions that then refer back to 802.3.
What would happen if we changed behavior and no-one checked?
I think we should define object behaviors in these module/this document.
Comment applies to many of these references in the draft.
In this specific case dot3OamOperStatus refers back to [802.3ah] from 2004 and has about a page and a half of text in the description.

SuggestedRemedy

Replace RFC references items defined in 802.3 to with definitions and references into 802.3

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **202** *L* **65** # 176

Jones, Peter Cisco

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

The following description is out of date based on https://standards.ieee.org/products-programs/regauth/oui/
Description "24-bit Organizationally Unique Identifier.";

SuggestedRemedy

replace with "24-bit MAC addresses – large(MA–L). Previously know as Organizationally Unique Identifier (OUI).";

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **203** *L* **2** # 177

Jones, Peter Cisco

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

incorrect reference

SuggestedRemedy

replace IEEE Std 802-2014, Clause 9" with "IEEE Std 802-2014, Clause 8.2.2";

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **209** *L* **22** # 187

Huber, Thomas Nokia

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

The description for 'oammtu' could be improved to better reflect the meaning of the leaf

SuggestedRemedy

Change the description to "The maximum OAMPDU size for the remote node. The peer OAM entities exchange the maximum size they can support and negotiate to use the smaller of the two maximum OAMPDU sizes."

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **209** *L* **37** # 188

Huber, Thomas Nokia

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

Description for 'mode' could be improved to better reflect the meaning of this leaf

SuggestedRemedy

Change the description to "This object configures the mode of OAM operation as active or passive. Active mode provides capabilities to initiate monitoring activities with the remote OAM peer eneity, while passive mode waits for the peer to initiate actions with it. Changing this value results in incrementing the revision field of locally generated OAM PDUs (30.3.6.1.12) and triggers the OAM discovery process if the operational state was alraedy 'operational'. The default value is implementation-dependent."

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **212** *L* **2** # 178

Jones, Peter Cisco

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

mib-retrieval is badly named. We are not dealing with a MIB.

SuggestedRemedy

change "-mib-"- to "-data- "
Change "MIB variable retrieval support." to "Variable retrieval support."

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **212** *L* **29** # 189

Huber, Thomas Nokia

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

The description for 'oammtu' could be improved to better reflect the meaning of the leaf

SuggestedRemedy

Change the description to "The maximum OAMPDU size for the local node. The peer OAM entities exchange the maximum size they can support and negotiate to use the smaller of the two maximum OAMPDU sizes."

Proposed Response *Response Status* **O**

Cl **8** *SC* **8.5.2** *P* **217** *L* **1** # 190

Huber, Thomas Nokia

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

PME managed objects defind in clause 30.11.2 of 802.3 can be retrieved as variable requests per clause 57.1.2 item c 2. A YANG definition for the managed objects in 30.3.1.1 should be added.

SuggestedRemedy

See separate file for detailed proposal for what to add. Note that the proposal has several open questions that need further discussion wrt whether some leaves are ro or rw.

Proposed Response *Response Status* **O**