

P802.3af Draft 3.1 Comments

Cl 01 SC P2 L 1 # 106
Grow, Bob Intel

Comment Type E Comment Status A

The automatic numbering is causing problems. It is probably best if the editor mimics the header style, using formatted text rather than use the IEEE style.

SuggestedRemedy

Normative references is 1.3, Definitions is 1.4 (line 6), and Abbreviations is 1.5 (line 15).

Proposed Response Response Status C

ACCEPT.

Cl 01 SC 2 P2 L 11 # 104
Grow, Bob Intel

Comment Type E Comment Status A

Mid-span is between MDI's isn't it? Wrong section number.

SuggestedRemedy

Change definition to read: ""1.4.x Midspan: A location in a link segment that is distinctly separate from and between the MDI's.""

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Comment addressed by resolution to #148.

Cl 01 SC 2 P2 L 12 # 105
Grow, Bob Intel

Comment Type E Comment Status A

Wrong article, change ""an"" to ""a"". Wrong section number

SuggestedRemedy

Change to read: ""1.4.x Link Section: ...between a PD and a PSE.""

Proposed Response Response Status C

ACCEPT.

Cl 30 SC (1.4) P3 L 21 # 107
Grow, Bob Intel

Comment Type E Comment Status A

The proposed additional definition is basically circular.

SuggestedRemedy

1.4.x Mid-Span PSE group: A collection of PSEs (possibly one) grouped for management.

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Insert the following at line 14 of page 2:

1.4.x Mid-Span PSE group: A collection of PSEs (possibly one) grouped for management.

Cl 30 SC 1.1 P8 L 21 # 108
Grow, Bob Intel

Comment Type E Comment Status A

Incorrect punctuation. 802.3ae reads ""...embedded MAUs, and PHYs."" Therefore, embedded should not be applied to PHYs as is done by ""/"". (In earlier versions it read ""external PHYs"".)

SuggestedRemedy

Change to read: ""...embedded MAUs, PHYs and DTE Power ...""

Proposed Response Response Status C

ACCEPT.

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Cl 30 *SC* 10 *P* 17 *L* 37 # 110
Grow, Bob Intel

Comment Type **E** *Comment Status* **A**

It appears that MidSpan group definitions are mostly consistent with D3.0 comment resolution that PSE is always used for the power source for a single link. I found two suspect BEHAVIOUR descriptions:
p.17, l.37 first two PSE
p.18, l.12 first PSE

SuggestedRemedy

Correct as appropriate.

Proposed Response *Response Status* **C**

ACCEPT IN PRINCIPLE. 8/19

Editor will correct instances of
"midspan PSE group" and change to "PSE group",
as appropriate.

Object names and attribute names and descriptions
need to be corrected.

Change line 37: change first occurrence of "PSE" to "device"
to read "the Midspan device."

page 18, line 12: " . . . from or added to a Midspan device."

also do an editorial search.

Cl 30 *SC* 2.3 *P* 9 *L* 25 # 229
Rasimas, Jennifer Nortel Networks

Comment Type **E** *Comment Status* **A**

wrong tense of ""shows"" after making other changes

SuggestedRemedy

remove 's' and make ""shows"" become ""show"".

Proposed Response *Response Status* **C**

ACCEPT.

Cl 30 *SC* 9 *P* 13 *L* 1 # 111
Grow, Bob Intel

Comment Type **E** *Comment Status* **A**

Incorrect instruction (cut and paste error).

SuggestedRemedy

Change to read: ""Insert the following subclause after subclause 30.8""

Proposed Response *Response Status* **C**

ACCEPT.

Cl 30 *SC* 9.1.1.4 *P* 14 *L* 12 # 230
Rasimas, Jennifer Nortel Networks

Comment Type **E** *Comment Status* **A**

missing capitalization

SuggestedRemedy

capitalize first letters of ""detection status""

Proposed Response *Response Status* **C**

ACCEPT.

Cl 30 *SC* 9.1.1.7 *P* 15 *L* 19 # 78
karam, Roger Cisco Systems

Comment Type **E** *Comment Status* **A**

fix statement
under aPSEPowerClassification
to below

SuggestedRemedy

""the value is valid while a valid PD is being detected...""

Change detected to classified. Should be while classification and after detection.

Proposed Response *Response Status* **C**

ACCEPT IN PRINCIPLE. 8/19

This value is only valid while a PD is connected, that is,
aPSEPowerDetectionStatus is reporting . . .

Also: correct 33.6.1.2.4

The value in this register is only valid while a PD
is connected, that is, the Detection Status (12.4:2) bits are
reporting Detected or Delivering Power.

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Cl 30 SC 9.1.1.8 P 15 L 44 # 422
Darshan, Yair PowerDsine

Comment Type E Comment Status A
replace ""Under Load Time"" with ""Tpmdo limit as indicated in table 33-5""

SuggestedRemedy
replace ""Under Load Time"" with ""Tpmdo limit as indicated in table 33-5""

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

. . . than Tpmdo as specified in Table 33-5.

Cl 30A SC 16.1 P 22 L 30 # 196
Dan, Romascanu Avaya.Inc

Comment Type E Comment Status A
OID not defined

SuggestedRemedy
Define OID

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

Add the following sentence to the editor's note on page 22:

In this draft, the missing OBJECT IDENTIFIERS are indicated
by several question marks "??"

Cl 30A SC 16.1 P 23 L 13 # 197
Dan, Romascanu Avaya.Inc

Comment Type E Comment Status A
OID not defined

SuggestedRemedy
Define OID

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

See 196.

Cl 30A SC 16.1 P 23 L 22 # 198
Dan, Romascanu Avaya.Inc

Comment Type E Comment Status A
OID not defined

SuggestedRemedy
Define OID

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

See 196.

Cl 30A SC 16.1 P 23 L 30 # 199
Dan, Romascanu Avaya.Inc

Comment Type E Comment Status A
OID not Defined

SuggestedRemedy
Define OID

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

See 196.

Cl 30A SC 16.1 P 23 L 39 # 200
Dan, Romascanu Avaya.Inc

Comment Type E Comment Status A
OID not defined

SuggestedRemedy
define OID

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

See 196.

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CI 30A SC 16.1 P 23 L 50 # 201

Dan, Romascanu Avaya.Inc

Comment Type E Comment Status A

OID not defined

SuggestedRemedy

Define OID

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 196.

CI 30A SC 16.1 P 23 L 9 # 418

Darshan, Yair PowerDsine

Comment Type E Comment Status A

The register are not numbered and marked with ""??"
In addition see lines 13,2130,39 and 50.
See also pages 24 to 30 with the same comment.

SuggestedRemedy

Assign numbers instead of ""??"

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 196.

CI 30A SC 16.1 P 24 L 21 # 203

Dan, Romascanu Avaya.Inc

Comment Type E Comment Status A

OID not defined

SuggestedRemedy

define OID

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 196.

CI 30A SC 16.1 P 24 L 34 # 204

Dan, Romascanu Avaya.Inc

Comment Type E Comment Status A

OID not defined

SuggestedRemedy

define OID

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 196.

CI 30A SC 16.1 P 24 L 46 # 205

Dan, Romascanu Avaya.Inc

Comment Type E Comment Status A

OID not defined

SuggestedRemedy

define OID

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 196.

CI 30A SC 16.1 P 24 L 8 # 202

Dan, Romascanu Avaya.Inc

Comment Type E Comment Status A

OID not defined

SuggestedRemedy

define OID

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 196.

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CI 30A SC 16.1 P 25 L 16 # 207
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID not defined
 SuggestedRemedy
 define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

CI 30A SC 16.1 P 25 L 30 # 208
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID not defined
 SuggestedRemedy
 Define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

CI 30A SC 16.1 P 25 L 42 # 209
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID not defined
 SuggestedRemedy
 define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

CI 30A SC 16.1 P 25 L 5 # 206
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID not defined
 SuggestedRemedy
 define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

CI 30A SC 16.1 P 25 L 54 # 210
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID not defined
 SuggestedRemedy
 Define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

CI 30A SC 16.1 P 26 L 13 # 211
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID notr defined
 SuggestedRemedy
 define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

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CI 30A SC 17.1 P 26 L 49 # 212
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID not defined
 SuggestedRemedy
 define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

CI 30A SC 17.1 P 26 L 49 # 213
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID not defined
 SuggestedRemedy
 Define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

CI 30A SC 17.1 P 27 L 14 # 215
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID not defined
 SuggestedRemedy
 define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

CI 30A SC 17.1 P 27 L 3 # 214
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID not defined
 SuggestedRemedy
 define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

CI 30A SC 17.1 P 27 L 36 # 216
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID not defined
 SuggestedRemedy
 define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

CI 30A SC 18 P 27 L 48 # 217
 Dan, Romascanu Avaya.Inc
 Comment Type E Comment Status A
 OID not defined
 SuggestedRemedy
 define OID
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

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Cl 30A SC 18 P 28 L 13 # 219
 Dan, Romascanu Avaya.Inc
Comment Type E Comment Status A
 OID not defined
SuggestedRemedy
 Define OID
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

Cl 30A SC 18 P 28 L 2 # 218
 Dan, Romascanu Avaya.Inc
Comment Type E Comment Status A
 OID not defined
SuggestedRemedy
 define OID
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

Cl 30A SC 18.1 P 28 L 24 # 220
 Dan, Romascanu Avaya.Inc
Comment Type E Comment Status A
 OID not defined
SuggestedRemedy
 define OID
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

Cl 30A SC 18.1 P 28 L 37 # 221
 Dan, Romascanu Avaya.Inc
Comment Type E Comment Status A
 OID not defined
SuggestedRemedy
 define OID
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

Cl 30A SC 18.1 P 28 L 50 # 222
 Dan, Romascanu Avaya.Inc
Comment Type E Comment Status A
 OID not defined
SuggestedRemedy
 define OID
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

Cl 30A SC 18.2 P 29 L 9 # 223
 Dan, Romascanu Avaya.Inc
Comment Type E Comment Status A
 OID not defined
SuggestedRemedy
 define OID
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

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Cl 30A SC 19 P 29 L 39 # 224
 Dan, Romascanu Avaya.Inc
Comment Type E Comment Status A
 OID not defined
SuggestedRemedy
 define OID
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

Cl 30A SC 19.1 P 29 L 50 # 225
 Dan, Romascanu Avaya.Inc
Comment Type E Comment Status A
 OID not defined
SuggestedRemedy
 define OID
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

Cl 30A SC 19.1 P 30 L 19 # 227
 Dan, Romascanu Avaya.Inc
Comment Type E Comment Status A
 OID not defined
SuggestedRemedy
 define OID
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

Cl 30A SC 19.1 P 30 L 7 # 226
 Dan, Romascanu Avaya.Inc
Comment Type E Comment Status A
 OID not defined
SuggestedRemedy
 Define OID
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

Cl 30A SC 19.2 P 30 L 33 # 228
 Dan, Romascanu Avaya.Inc
Comment Type E Comment Status A
 OID not defined
SuggestedRemedy
 define OID
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 196.

Cl 30B SC 2 P 31 L 20 # 419
 Darshan, Yair PowerDsine
Comment Type E Comment Status A
 The definitions for ""both"" in line 20 was deleted from the spec.(see page 15 lines 33-34)
SuggestedRemedy
 Delete line 20.
Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 Lines 19 and 20 become:
 overCurrent (2) -- over current detected
 }

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CI 33 SC 1 P 33 L 15 # 144
Cobb, Terry Avaya Inc.
Comment Type E Comment Status R
Grammar
SuggestedRemedy
Change ""these data."" to ""the data.""
Proposed Response Response Status C
REJECT.
"these data" refers to the preceding "data".

CI 33 SC 1 P 33 L 15 # 145
Cobb, Terry Avaya Inc.
Comment Type E Comment Status A
Confusing last sentences to the paragraph
SuggestedRemedy
Delete the second from the last sentence ""In a singleare compliant.""
Change the last sentence to: ""This clause specifies:""
Proposed Response Response Status C
ACCEPT.

CI 33 SC 1 P 33 L 20 # 86
karam, Roger Cisco Systems
Comment Type E Comment Status A
allowing for detecting a device
SuggestedRemedy
allowing the detection of a device
Proposed Response Response Status C
ACCEPT.

CI 33 SC 1 P 33 L 26 # 112
Grow, Bob Intel
Comment Type E Comment Status A
Too understated.
SuggestedRemedy
Change to read: ""...devices is important to prevent damage to non-compatible devices.
Proposed Response Response Status C
ACCEPT.
Delete "should not be undervalued."
Replace with "is important to prevent damage to non-compatible devices."

CI 33 SC 1 P 33 L 29 # 146
Cobb, Terry Avaya Inc.
Comment Type E Comment Status A
Confusing last sentences.
SuggestedRemedy
On first sentence to the paragraph delete ""ultimately"" and then delete entire last sentence: ""The reader learning both.""
Proposed Response Response Status C
ACCEPT IN PRINCIPLE.
Delete "intimately"
Delete last sentence "The reader learning both."

CI 33 SC 1.1 P 33 L 35 # 231
Rasimas, Jennifer Nortel Networks
Comment Type E Comment Status A
extra spaces
SuggestedRemedy
remove spaces around both sides of slashes (2 instances in this line), so it reads "" and/or ""
Proposed Response Response Status C
ACCEPT.

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Cl 33 SC 1.2 P 33 L 49 # 114
Grow, Bob Intel

Comment Type E Comment Status A

Superflous weasle-word. It is either beyond scope or within scope.

SuggestedRemedy

Delete ""considered"".
Also change: p.37, l.23

Proposed Response Response Status C
ACCEPT.

Cl 33 SC 1.3 P 34 L 3 # 115
Grow, Bob Intel

Comment Type E Comment Status A

The text is in disagreement with Figure 33-1. In no case is it shown between the PHY and medium.

SuggestedRemedy

Edit to read more like the into paragraph to PSE figures.

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

Delete: "between the Physical Layer and the Medium"

Cl 33 SC 1.3 P 35 L 1 # 232
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

descriptions don't match figure numbers in sentence

SuggestedRemedy

switch endpoint and midspan so it reads ""...of the midspan PSE and the endpoint PSE, respectively.""

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

See 343

Cl 33 SC 1.3 P 35 L 1 # 343
Goldis, Mordechai (Moty) Avaya

Comment Type E Comment Status A

The sentence states that the figure 33-2 and 33-3 ... respectively ,is incorrect.

SuggestedRemedy

change order between ""... endpoint PSE and the midspan PSE ""

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

. . . of the midspan PSEand the endpoint PSE, respectively.

Cl 33 SC 2 P 36 L 4 # 116
Grow, Bob Intel

Comment Type E Comment Status A

The first two listed functions are basically redundant. A primary function is also not listed (not sourcing power if a connecte device is not a PD).

SuggestedRemedy

Delete ""detect a PD,"".
Change ""supply power to the link segment"" to read ""supply power to the link segment only if a PD is detected"".
Add to end of paragraph ""when a PD is discoconnected.""

Proposed Response Response Status C
ACCEPT.

Delete ""detect a PD,"".
Change ""supply power to the link segment"" to read ""supply power to the link segment only if a PD is detected"".
Add to end of paragraph ""when a PD is disconnected.""

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Cl 33 **SC 2** **P 46** **L 46** # **298**
Pincu, David PowerDsine

Comment Type **E** **Comment Status** **A**

I think that the inclusion of the test set up's in the specification Para. creates discontinuities in the fluency of the text , causing instances where it is not clear if a certain para. is part of the test setup or continuation of the text .For example Fig 33-14 on page 53 should be part of a para entitled "" Overload curent detection range and overload timing "" and not part of the test set up as it is today .

SuggestedRemedy

Assign specific paragraphs for items now defined through the test set up's.
Attach all test set up's in an annex to the 33 clause

Proposed Response **Response Status** **C**

ACCEPT IN PRINCIPLE. 8/19

will be moved into an informative annex.

Cl 33 **SC 2.1** **P 36** **L 18** # **117**
Grow, Bob Intel

Comment Type **E** **Comment Status** **A**

Superflous text.

SuggestedRemedy

Delete ""The diagram""

Proposed Response **Response Status** **C**

ACCEPT.

Cl 33 **SC 2.1** **P 36** **L 35** # **297**
Pincu, David PowerDsine

Comment Type **E** **Comment Status** **R**

The para. beging with "" For the purpose such an asociation "" conveys the same information that already exists in Table 33-1 , but in unclear wording which may confuse the reader .To my opinion this entire para. can be omitted without loosing any information .

SuggestedRemedy

Deleat this para.

Proposed Response **Response Status** **C**

REJECT.

Cl 33 **SC 2.1** **P 36** **L 36** # **233**
Rasimas, Jennifer Nortel Networks

Comment Type **E** **Comment Status** **A**

missing capitalization throughout document

SuggestedRemedy

some places ""Alternative"" is capitalized when referring to wiring pairs A or B, and sometimes it's lowercase. make it consistent throughout. i'd suggest capitalizing the word ""Alternative"" throughout the document when ""A"" or ""B"" comes immediately after the word.

Proposed Response **Response Status** **C**

ACCEPT.

Capitalize the word ""Alternative"" throughout the document when ""A"" or ""B"" comes immediately after the word.

Cl 33 **SC 2.10** **P 60** **L 53** # **299**
Pincu, David PowerDsine

Comment Type **E** **Comment Status** **A**

the sentence "" Specifically the interaction between one PSE and another PSE in the same system is beyond the scope of this standard "" may be unclear to the readers of the standard , with regards to the words PSE and system .

To my understanding this sentence refferes to two ports forming part of a specific unit having the same power plant or the same controllers

SuggestedRemedy

I suggest to add the word ""port"" in front of the PSE thus making it clearer that this referes to PSE ports froming part of a certain entity as defined above.The sentence should read :"" Specifically the interaction between one PSE port and another PSE port in the same system is beyond the scope of this standard ""

Proposed Response **Response Status** **C**

ACCEPT.

Cl 33 **SC 2.10** **P 61** **L 19** # **391**
Darshan, Yair PowerDsine

Comment Type **E** **Comment Status** **A**

Add the following note to the note column of item 2 line 19.
""During operation of the ac disconnect detection function""

SuggestedRemedy

Add the following note to the note column of item 2 line 19.
""During operation of the ac disconnect detection function""

Proposed Response **Response Status** **C**

ACCEPT.

P802.3af Draft 3.1 Comments

Cl 33 SC 2.10 P 61 L 2 # 394
Darshan, Yair PowerDsine

Comment Type E Comment Status A

All items and sub-items in table 33-6 should be numbered in similar way as table 33-5 for ease of reference.

SuggestedRemedy

All items and sub-items in table 33-6 should be numbered in similar way as table 33-5 for ease of reference.

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Cl 33 SC 2.10 P 61 L 22 # 390
Darshan, Yair PowerDsine

Comment Type E Comment Status A

This parameter

Delete the words ""May be redundant"" from item 2 line 22 and explain the need for this requirement if it is already mentioned in figure 33-6 paragraph 33.2.5.

SuggestedRemedy

Delete the words ""May be redundant"" from item 2 line 22 and replace with:
""This requirement already mentioned in figure 33-6 paragraph 33.2.5 and is indicated here to indicate that it is relevant during operation of Signature detection function""

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Delete the words ""May be redundant"" from item 2 line 22 and replace with:
""This requirement is already mentioned in figure 33-6 paragraph 33.2.5 and is indicated here to indicate that it is relevant during the operation of the Signature detection function""

Cl 33 SC 2.10 P 61 L 27 # 392
Darshan, Yair PowerDsine

Comment Type E Comment Status A

Delete the words ""May be redundant"" and the requirement "0.5Vpp"
and replace with ""Refere to table 33-5 item 3""

SuggestedRemedy

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Delete the words ""May be redundant"" and the requirement "0.5Vpp"
and replace with ""see table 33-5 item 3""

Cl 33 SC 2.10 P 61 L 33 # 393
Darshan, Yair PowerDsine

Comment Type E Comment Status A

Delete the words ""May be redundant"" and the requirements ""300"" and 400ms and replace with ""Refere to table 33-5 item 7""

In addition change ""Tpmdo1"" with ""TpmdO""

SuggestedRemedy

Delete the words ""May be redundant"" and the requirements ""300"" and 400ms and replace with ""Refere to table 33-5 item 7""

In addition change ""Tpmdo1"" with ""Tpmdo""

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Delete the words ""May be redundant"" and the requirements ""300"" and 400ms and replace with ""See table 33-5 item 7""

In addition change ""Tpmdo1"" with ""TpmdO""

Cl 33 SC 2.11 P 61 L 43 # 347
Goldis, Mordechai (Moty) Avaya

Comment Type E Comment Status A

This subclause should be before table 33-6

SuggestedRemedy

See in comment

Proposed Response Response Status C

ACCEPT.

Cl 33 SC 2.11 P 61 L 48 # 161
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

A or B are not identified.

SuggestedRemedy

Identify.

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 348

P802.3af Draft 3.1 Comments

Cl 33 **SC 2.11** **P 61** **L 48** # **348**
Goldis, Mordechai (Moty) Avaya

Comment Type **E** **Comment Status** **A**
Change "...A or B ..." to "...a or b ..." as it written in line 51

SuggestedRemedy
See in comment

Proposed Response **Response Status** **C**
ACCEPT.

Cl 33 **SC 2.11** **P 61** **L 52** # **245**
Rasimas, Jennifer Nortel Networks

Comment Type **E** **Comment Status** **A**
missing punctuation

SuggestedRemedy
put a period after the words "...specified in Table 33-6."

Proposed Response **Response Status** **C**
ACCEPT.

Cl 33 **SC 2.11** **P 62** **L 35** # **395**
Darshan, Yair PowerDsine

Comment Type **E** **Comment Status** **A**
Need to indicate in drawing 33-22 the location of defining and measuring Zac.
In addition, Rsig2 was updated from 510K to 5MEG.
And:
line 49, change from Rsig2=510K to Rsig2=5MEG
Line 11: change from Tpmdo1 to Tpmdo.

SuggestedRemedy
Zac is measured at the PD input connector between points CC and BB.
Rsig2 was set to 5MEG.
See attached updated figure 33-22.

Line 49: change from Rsig2=510K to Rsig2=5MEG
Line 11: change from Tpmdo1 to Tpmdo.

Proposed Response **Response Status** **C**
ACCEPT.

Cl 33 **SC 2.11.2** **P 64** **L 36** # **289**
Hinrichs, Henry Pulse Inc.

Comment Type **E** **Comment Status** **A**
Use of ""2s"" to express second units is confusing. This also occurs on lines 40 and 43.

SuggestedRemedy
Either spell out ""2 second"" or abbreviate using ""2 sec"".

Proposed Response **Response Status** **C**
ACCEPT IN PRINCIPLE.

See 100.

Cl 33 **SC 2.11.2** **P 64** **L 38** # **400**
Darshan, Yair PowerDsine

Comment Type **E** **Comment Status** **A**
Change the eword ""record"" to ""Use the values of..""

In addition, line 43: change the 80K in the equataion to 70K+10K to clarify the source of the numbers.

SuggestedRemedy

Proposed Response **Response Status** **C**
ACCEPT.

Change the eword ""record"" to ""Use the values of..""

In addition, line 43: change the 80K in the equataion to 70K+10K to clarify the source of the numbers.

Cl 33 **SC 2.2** **P 36** **L 48** # **118**
Grow, Bob Intel

Comment Type **E** **Comment Status** **A**
Awkward use of plural. Circular definition for Midspan PSE.

SuggestedRemedy
Change to read: ""...midspan. A PSE that is coincident with the MDI is an ""Endpoint PSE"". A PSE which is located on the link between connected MDIs is a ""Midspan PSE"". The ...""

Proposed Response **Response Status** **C**
ACCEPT.

Change to read: ""...midspan. A PSE that is coincident with the MDI is an ""Endpoint PSE"". A PSE which is located on the link between connected MDIs is a ""Midspan PSE"". The ...""

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CI 33 SC 2.3 P 38 L 3 # 119
Grow, Bob Intel

Comment Type E Comment Status A
Wordy.

SuggestedRemedy

Change to read: ""The PSE state diagram is ...""

Proposed Response Response Status C
ACCEPT.

CI 33 SC 2.3 P 38 L 39 # 281
Hinrichs, Henry Pulse Inc.

Comment Type E Comment Status A
The labels ""lim>l>lcut"" and ""l>lim"" are confusing because the outputs from the subsequent blocks are ""l<lcut"" and ""l<lim"" respectively.

SuggestedRemedy

Don't use label these connections.

Proposed Response Response Status C
ACCEPT IN PRINCIPLE. 8/21

comment superseded by new state diagram.

CI 33 SC 2.4 P 39 L 6 # 370
Darshan, Yair PowerDsine

Comment Type E Comment Status A
Line 6

The first sentence in line 6, is miss-leading.
The rest of the paragraph starting with the word ""For"" in line 6 , through lines 7-9 are OK.
The intention of line 6 is correctly expressed in line 7

SuggestedRemedy

Delete line 6 ("The PSE is not required to probe the link segment in order to detect a PD that presents a valid signature."") until the word ""For""

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

See comment 121.

CI 33 SC 2.4 P 39 L 6 # 121
Grow, Bob Intel

Comment Type E Comment Status A
Awkward prose.

SuggestedRemedy

Change to read: ""The PSE is not required to continuously probe the link setment to detect a PD signature. The period of time when a PSE is not attempting to detecct a PD signature is implementation ...""

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

Change to read: ""The PSE is not required to continuously probe the link segment to detect a PD signature. The period of time when a PSE is not attempting to detect a PD signature is implementation ...""

CI 33 SC 2.5 P 40 L 9 # 122
Grow, Bob Intel

Comment Type E Comment Status A
It isn't clear what ""at the port"" means, presumably at the PSE.

SuggestedRemedy
Clarify.

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

At the PSE port.

CI 33 SC 2.5.1 P 40 L 12 # 152
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A
Grammer

SuggestedRemedy

Change ""be lower"" to ""less"".

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

Change " lower" to "less".

P802.3af Draft 3.1 Comments

Cl 33 **SC 2.5.1** **P 40** **L 5** # **427**
 Darshan, Yair PowerDsine

Comment Type E **Comment Status A**

Missing test setup for detection

SuggestedRemedy

Attached proposal for detection test set up.

Proposed Response **Response Status C**

ACCEPT IN PRINCIPLE.

Add new setup

refer to ad hoc group for test setups
they become an informative annex.

Cl 33 **SC 2.6** **P 40** **L 16** # **123**
 Grow, Bob Intel

Comment Type E **Comment Status A**

The sentence is a detection probe requirement.

SuggestedRemedy

Move to 33.2.5.1.

Proposed Response **Response Status C**

ACCEPT.

Cl 33 **SC 2.6.3** **P 40** **L 37** # **345**
 Goldis, Mordechai (Moty) Avaya

Comment Type E **Comment Status R**

The title of the subclause is "" Other Criteria ""

It is not a criteria ,but a requirement.

SuggestedRemedy

This requirement has to written in 33.2.4 page 39 PD detection.

Proposed Response **Response Status C**

REJECT.

The section does contain a requirement.

Cl 33 **SC 2.6.3** **P 40** **L 41** # **344**
 Goldis, Mordechai (Moty) Avaya

Comment Type E **Comment Status A**

The note is redundant to what is stated on page 39 line 6

SuggestedRemedy

combine with page 39 line 6

Proposed Response **Response Status C**

ACCEPT IN PRINCIPLE.

Delete note.

Cl 33 **SC 2.7** **P 40** **L 44** # **95**
 karam, Roger Cisco Systems

Comment Type E **Comment Status A**

Heading=PSE DETECTION

SuggestedRemedy

Should this not be PSE CLASSIFICATION?

Proposed Response **Response Status C**

ACCEPT IN PRINCIPLE.

Change section title to: PSE Classification.

Cl 33 **SC 2.7** **P 41** **L 11** # **372**
 Darshan, Yair PowerDsine

Comment Type E **Comment Status A**

Figure 33-8 line 11: What is the meaning ""1 of 2""
Line 22: same question.

In addition, line 41 the title should be "" APPLIED CURRENT METHOD""

SuggestedRemedy

1. Clarify ""(1 of 2)"" at lines 11 and 41.

2. line 41 the title should be "" APPLIED CURRENT METHOD""

Proposed Response **Response Status C**

ACCEPT IN PRINCIPLE.

Use "I of 2 measurements" (eight occurrences).

See comment 124.

P802.3af Draft 3.1 Comments

CI 33 SC 2.7 P 41 L 35 # 124
Grow, Bob Intel

Comment Type E Comment Status A

The text is in variance with following clauses (e.g., 33.2.7.2) where methods are classified by measurement rather than what is applied. (Cut and paste gone wild has both called the same thing in any case.)

SuggestedRemedy

Change titles to ""MEASURED CURRENT METHOD"" and ""MEASURED VOLTAGE METHOD"".

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Change titles to ""MEASURED CURRENT METHOD"" (line 35) and ""MEASURED VOLTAGE METHOD"".(line 41).

CI 33 SC 2.7 P 41 L 41 # 96
karam, Roger Cisco Systems

Comment Type E Comment Status A

Applied voltage Method

SuggestedRemedy

Applied Current Method

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See comment 124.

CI 33 SC 2.7 P 41 L 41 # 153
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

In Figure 33-8, incorrect term, ""VOLTAGE"" , in the second box.

SuggestedRemedy

Change to ""CURRENT"".

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See comment 124.

CI 33 SC 2.7 P 41 L 41 # 355
Huynh, Thong A. Maxim Integrated Prod

Comment Type E Comment Status A

The line now read ""APPLIED VOLTAGE METHOD"". It should read ""APPLIED CURRENT METHOD""

SuggestedRemedy

change ""VOLTAGE"" to ""CURRENT"".

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See comment 124.

CI 33 SC 2.7.1 P 42 L 24 # 155
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

Standard's grammer

SuggestedRemedy

Delete the words: ""ease of"" should only say "" provided for reference.""

Proposed Response Response Status C

ACCEPT.

CI 33 SC 2.7.1 P 42 L 24 # 374
Darshan, Yair PowerDsine

Comment Type E Comment Status A

Change ""...Refere to 33.3.3."" to ""...Refere to 33.3.4.""

SuggestedRemedy

Change ""...Refere to 33.3.3."" to ""...Refere to 33.3.4.""

Proposed Response Response Status C

ACCEPT.

P802.3af Draft 3.1 Comments

CI 33 SC 2.7.1 P 42 L 26 # 312
Dwelley, David Linear Technology

Comment Type E Comment Status A

Class 4 explanation is confusing

SuggestedRemedy

Change second sentence on line to read:
""PDs detected as Class 4 should be treated as Class 0 for powering purposes.""

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See comment 373.

CI 33 SC 2.7.2 P 42 L 28 # 410
Darshan, Yair PowerDsine

Comment Type E Comment Status A

In page 41 lines 35 and 41 we defined the two classification methods as:
1. Applied voltage method and
2. Applied current method.

However in page 42 line 28 and line 36, we use at the title of paragraph 33.2.7.2:
""measured current method which technically is correct however it confusing comparing the
titels in page 41.

Same comment apply to page 43 lines 1,3 and 12 where the titels should be applied current
method etc.

SuggestedRemedy

Change page 42 lines 28, 30 and 36 to ""applied voltage""
Change page 43 lines 1,3 and 12 to ""applied current""

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See comment 124.

CI 33 SC 2.7.2 P 42 L 38 # 156
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

In table 33-3 the column title should be the same as shown in figure 33-8

SuggestedRemedy

Drop the word Current should only say ""Measured Iclass""

Proposed Response Response Status C

ACCEPT.

CI 33 SC 2.7.3 P 43 L 14 # 158
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

In Table 33-4 the column headings should match that of figure 33-8.

SuggestedRemedy

Change to: ""Applied Iclass"" and ""Measured Vclass""

Proposed Response Response Status C

ACCEPT.

CI 33 SC 2.7.3 P 43 L 3 # 157
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

In the first paragraph some of the ""with"" words need to be removed and substitute and, or
break the sentence up.

SuggestedRemedy

Editors discretion.

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

" . . . to less than 47 mA. Vclass shall be limited to . . . "

CI 33 SC 2.8 P 43 L 42 # 234
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

extra spaces surrounding a slash

SuggestedRemedy

remove spaces before and after slash so it reads ""detection/classification"".

Proposed Response Response Status C

ACCEPT.

P802.3af Draft 3.1 Comments

CI 33 SC 2.8 P 43 L 48 # 376
Darshan, Yair PowerDsine

Comment Type E Comment Status A
Change line 48 from: ""Detection and classification timing....""
to ""Detection, classification and power turn on timing....""

SuggestedRemedy

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

Change section title and line 48 from: ""Detection and classification timing....""
to ""Detection, classification and power turn on timing....""

CI 33 SC 2.8 P 43 L 49 # 329
Schindler, Fred Cisco Systems

Comment Type E Comment Status A
Replace ""400ms"" with Tpon.

SuggestedRemedy

Replace ""400ms"" with Tpon.

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

See 377.

CI 33 SC 2.8 P 43 L 50 # 377
Darshan, Yair PowerDsine

Comment Type E Comment Status A
Need to clarify the intention of line 50 a bit more:

Add to the end of line 50 the following:
""If power is not applied within 400ms max after valid detection, it is required that a new
detection cycle will be conducted prior to applying power to the port.""

SuggestedRemedy

Add to the end of line 50 the following:
""If power is not applied within 400ms max after valid detection, it is required that a new
detection/classification cycle will be conducted prior to applying power to the port.""

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

Add to the end of line 50 the following:
""If power is not applied within Tpon after valid detection, it is required that a new
detection/classification cycle will be conducted prior to applying power to the port.""

CI 33 SC 2.8 P 45 L 15 # 412
Darshan, Yair PowerDsine

Comment Type E Comment Status A
The title for item 11 is ""short circuit duration"".
Actually the intent of this parameter is to define the short circuit time limit due to the fact that
the circuit can be shorted for ever.

SuggestedRemedy

Change the title of item 11 line 15 from ""short circuit duration"" to
""short circuit time limit""

Proposed Response Response Status C
ACCEPT.

CI 33 SC 2.8 P 45 L 35 # 411
Darshan, Yair PowerDsine

Comment Type E Comment Status A
Clarify that Ttotal should be met if power is to be applied and no detection backoff is
required as specified in paragraph 33.2.8.1

SuggestedRemedy

Add to the comment for item 21 the following:
""Ttotal should be met if power is to be applied and no detection backoff is required as
specified in paragraph 33.2.8.1""

Proposed Response Response Status C
ACCEPT.

P802.3af Draft 3.1 Comments

Cl 33 SC 2.8 P 46 L 30 # 414
Darshan, Yair PowerDsine

Comment Type E Comment Status A

The note for item 16, line 30 need some clarification:
Tpon should be met if power is to be applied by the PSE. If power is not applied within 400ms max after valid detection, it is required that new detection cycle will be conducted prior to applying power to the port."

SuggestedRemedy

Add to the note for item 16 at the end of line 30:
""If power is not applied within 400ms max after valid detection, it is required that new detection cycle will be conducted prior to applying power to the port""

Proposed Response Response Status C
ACCEPT.

Cl 33 SC 2.8 P 46 L 7 # 413
Darshan, Yair PowerDsine

Comment Type E Comment Status A

In the note for item 7, line 10, Clarify what is considered to be a ""power removal""

SuggestedRemedy

Add comment f) to the note for item 7:
""f) The port is entered to OFF mode when the port voltage has dropped by 1V due to initiated power off command. The port is at OFF mode if the average voltage across the port is 2.8V max as specified by table 33-5 item 13""

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

Add comment f) to the note for item 7:
""f) The port proceeds to enter the OFF mode when the port voltage has dropped by 1V due to initiated power off command. The port is in the OFF mode if the average voltage across the port is 2.8V max as specified by table 33-5 item 13""

Cl 33 SC 2.8.1 P 44 L 10 # 330
Schindler, Fred Cisco Systems

Comment Type E Comment Status R

The statement ""During this detection backoff, the PSE is exempted ... in 3.2.8"" is not required because an invalid detection just occurred.

SuggestedRemedy

Omit this entire sentence.

Proposed Response Response Status C
REJECT.

See 380.

Cl 33 SC 2.8.1 P 44 L 11 # 380
Darshan, Yair PowerDsine

Comment Type E Comment Status A

PSE that is using alternative B is exempted from meeting Ttot and not ""over all detection timing"" which is part of Ttot.

SuggestedRemedy

Replace the two first word ""detection timing"" in line 11 with ""Ttot""

Proposed Response Response Status C
ACCEPT.

Cl 33 SC 2.8.1 P 44 L 12 # 378
Darshan, Yair PowerDsine

Comment Type E Comment Status A

Clarify line 12.

SuggestedRemedy

Change line 12 from ""...mode within one cycle""
to "" .. mode after at least one backoff cycle""

Proposed Response Response Status C
ACCEPT.

Cl 33 SC 2.9 P 44 L 30 # 159
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

You do not need to repeat the Item # in the Notes column. This should just read Note #'s.

SuggestedRemedy

Change to: ""Note 1, Note 2, etc.""

Proposed Response Response Status C
ACCEPT.

Cl 33 SC 2.9 P 44 L 49 # 379
Darshan, Yair PowerDsine

Comment Type E Comment Status A

Add comment for item 6a and 6b that this requirement is relevant if option A is used per paragraph 33.2.11 PSE power removal.

SuggestedRemedy

Add the following comment to items 6a and 6b in the NOTES area located at page 46:
""Meeting item 6a and 6b requirements is relavent if option a) is used per paragraph 33.2.11.""

Proposed Response Response Status C
ACCEPT.

P802.3af Draft 3.1 Comments

CI 33 SC 2.9 P 44 L 51 # 381
Darshan, Yair PowerDsine

Comment Type E Comment Status A
Change lmin2 max value from 11mA to 10mA.

SuggestedRemedy

Proposed Response Response Status C
ACCEPT.

Change lmin2 max value from 11mA to 10mA.

CI 33 SC 2.9 P 45 L 27 # 282
Hinrichs, Henry Pulse Inc.

Comment Type E Comment Status A
Under unit using a lower case ""s"" for values expressed in seconds is confusing. This also occurs on line #35.

SuggestedRemedy

Use ""Sec"" or at the very least use a capitol ""S"".

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

Use "sec"

CI 33 SC 2.9 P 45 L 27 # 382
Darshan, Yair PowerDsine

Comment Type E Comment Status A
Detection backoff time should be 2sec min and not 1sec min according to Porthsmoot decisions.

SuggestedRemedy

Proposed Response Response Status C
ACCEPT.

Detection backoff time = 2sec min.

CI 33 SC 2.9 P 45 L 40 # 126
Grow, Bob Intel

Comment Type E Comment Status A
Notes are not in IEEE style. Also the case for Table 33-12 and Table 33-13.

SuggestedRemedy

Change to IEEE style for table notes (i.e., footnotes included within table at bottom or single note at bottom as I recall).

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

To be fixed by IEEE editors prior to publication.

CI 33 SC 2.9 P 46 L 1 # 235
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
font not consistent

SuggestedRemedy

the font for the whole page of ""notes"" should be the same.

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

See 126

CI 33 SC 2.9 P 46 L 10 # 408
Darshan, Yair PowerDsine

Comment Type E Comment Status A
change in note a) the word ""will"" to ""shall""

In addition, in line 11 (note b) the same as above.

SuggestedRemedy

change in note a) the word ""will"" to ""shall""

In addition, in line 11 (note b) the same as above.

Proposed Response Response Status C
ACCEPT.

P802.3af Draft 3.1 Comments

CI 33 SC 2.9 P 46 L 18 # 346
 Goldis, Mordechai (Moty) Avaya
 Comment Type E Comment Status A
 Note for item 8 ...is wrong should be item 9
 Note for item 9 ...is wrong should be item 8
 SuggestedRemedy
 see in comment
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 2.9 P 46 L 20 # 383
 Darshan, Yair PowerDsine
 Comment Type E Comment Status A
 In the note for item 9:
 Due to the fact that lcut is a range of numbers and Tovld as well so it is more accurate to specify that power shall remove if lport>lcut for t>Tovld as defined by items 8 and 9 in table 33-5 and as specified by figure 33-14.
 SuggestedRemedy
 In the note for item 9, line 20: Change from
 "" If 350mA < lcut <400mA for 50ms<Tovld<75ms.....""
 to "" If lport > lcut for t > Tovld.....""
 Proposed Response Response Status C
 ACCEPT.
 But see 346.

CI 33 SC 2.9 P 46 L 24 # 409
 Darshan, Yair PowerDsine
 Comment Type E Comment Status A
 Add to end of the note for item 10: ""See figure 33-16.""
 In addition, in line 25:
 Add to the end of the note for item 11: ""see figure 33-16""
 SuggestedRemedy
 Add to end of the note for item 10: ""See figure 33-16"".
 In addition, in line 25:
 Add to the end of the note for item 11: ""see figure 33-16""
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 2.9 P 55 L 9 # 396
 Darshan, Yair PowerDsine
 Comment Type E Comment Status A
 In figure 33-16, Tlim is defined from the current pulse rise.
 See updated drawing attached.
 SuggestedRemedy
 Replace figure 33-16 with the attached updated.
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 2.9 P 58 L 8 # 397
 Darshan, Yair PowerDsine
 Comment Type E Comment Status A
 The arrow that specifies the detection time is not located in the right place.
 SuggestedRemedy
 Replace figure 33-19 with the attached updated one.
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 2.9.1 P 46 L 12 # 5
 karam, Roger Cisco Systems
 Comment Type E Comment Status A
 a=4 for alternative b 1 for alternative a, or 3 for alternative A, MDI-X or Auto MDI
 the way we spec the + is confusing ,
 we need a parantheses to clarify
 this applies to all the test circuit. have fun Mr Editor.
 SuggestedRemedy
 (a=4 for alternative B) or (1 for alternative A), or 3 (for alternative A, MDI-X or Auto MDI)
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 Will replace these lines in Test Procedures
 with a suitable table

P802.3af Draft 3.1 Comments

CI 33 SC 2.9.1 P 47 L 12 # 236
 Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
 missing capitalization

SuggestedRemedy

here again, within the diagrams throughout the document, i would capitalize the word
 ""Alternative"" if it appears directly before ""A"" or ""B"".

Proposed Response Response Status C
 ACCEPT.

CI 33 SC 2.9.1 P 47 L 37 # 386
 Darshan, Yair PowerDsine

Comment Type E Comment Status A
 Figure 33-9 and 33-10 Change the number in Rmin equation from 15.5 to 15.4.

SuggestedRemedy

Figure 33-9 and 33-10 Change the number in Rmin equation from 15.5 to 15.4.

Proposed Response Response Status C
 ACCEPT.

CI 33 SC 2.9.1 P 47 L 50 # 283
 Hinrichs, Henry Pulse Inc.

Comment Type E Comment Status A
 Use of ""s"" to express second units is confusing. This also occurs on line 52.

SuggestedRemedy

Either spell out ""second"" or abbreviate using ""sec"".

Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 100.

CI 33 SC 2.9.1 P 47 L 50 # 237
 Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
 two units listed

SuggestedRemedy

choose either second or minute, but not both.

Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 100

CI 33 SC 2.9.1 P 47 L 52 # 238
 Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
 two units listed

SuggestedRemedy

choose either second or minute, but not both.

Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 100.

CI 33 SC 2.9.10 P 57 L 43 # 243
 Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
 two units listed

SuggestedRemedy
 choose one.

Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 100.

CI 33 SC 2.9.10 P 57 L 44 # 288
 Hinrichs, Henry Pulse Inc.

Comment Type E Comment Status A
 Use of ""s"" to express second units is confusing.

SuggestedRemedy

Either spell out ""second"" or abbreviate using ""sec"".

Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 100.

P802.3af Draft 3.1 Comments

CI 33 SC 2.9.10 P 58 L 10 # 244
 Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

wrong tense of word ""start""

SuggestedRemedy

if i'm reading this correctly, it should be ""starts here"". add the 's' after ""start"".

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

starts here

CI 33 SC 2.9.11 P 58 L 39 # 416
 Darshan, Yair PowerDsine

Comment Type E Comment Status A

The test for detection backoff time is relavent for Midspan.
 Add note to clarify that point.

SuggestedRemedy

Add to the end of line 39:

""When using PSE that performing alternative B as specified in paragraph 33.2.8.1.""

Proposed Response Response Status C

ACCEPT.

CI 33 SC 2.9.11 P 60 L 2 # 389
 Darshan, Yair PowerDsine

Comment Type E Comment Status A

In PSE-11, the voltages and timings across the port when the port is open (R>500K) can not be as specified by figure 33-19 due to the fact that figure 33-19 includes the classification and Power Turn On mode which can happen only with valid signature.

SuggestedRemedy

Change line 2 from:

"" Verify that Vport voltages and timings are as defined by figure 33-19""

to

"" Verify that Vport voltages and timings are as defined for an open port conditions (Vport<30V, dv/dt>0.1V/us and total detection time =500ms max)"".

Proposed Response Response Status C

ACCEPT.

CI 33 SC 2.9.2 P 48 L 8 # 316
 Dwelley, David Linear Technology

Comment Type E Comment Status A

Figures 33-9 and 33-10 are nearly identical - can they be combined?

SuggestedRemedy

Combine figs 33-9 and 33-10

Proposed Response Response Status C

ACCEPT IN PRINCIPLE. 8/19

see ad hoc output

CI 33 SC 2.9.2 P 49 L 3 # 239
 Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

two units listed

SuggestedRemedy

pick one on each line (lines 3, 5, 20, and 22)

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 100.

CI 33 SC 2.9.2 P 49 L 3 # 284
 Hinrichs, Henry Pulse Inc.

Comment Type E Comment Status A

Use of ""s"" to express second units is confusing. This also occurs on line 5.

SuggestedRemedy

Either spell out ""second"" or abbreviate using ""sec"".

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 100.

P802.3af Draft 3.1 Comments

CI 33 SC 2.9.3 P 49 L 20 # 285
Hinrichs, Henry Pulse Inc.

Comment Type E Comment Status A

Use of ""s"" to express second units is confusing. This also occurs on line 22.

SuggestedRemedy

Either spell out ""second"" or abbreviate using ""sec"".

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 100.

CI 33 SC 2.9.4 P 50 L 48 # 286
Hinrichs, Henry Pulse Inc.

Comment Type E Comment Status A

Use of ""s"" to express second units is confusing. This also occurs on line 50.

SuggestedRemedy

Either spell out ""second"" or abbreviate using ""sec"".

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 100.

CI 33 SC 2.9.4 P 50 L 48 # 240
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

two units listed

SuggestedRemedy

pick one (line 48 and 50)

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 100.

CI 33 SC 2.9.4 P 50 L 48 # 388
Darshan, Yair PowerDsine

Comment Type E Comment Status A

The content of Test procedure PSE-4 lines 48-51 has some errors.

Replace Figure 33-11 with the attached updated one. (S2 was added to the drawing)

SuggestedRemedy

Change lines 48-51 for the following:

Delete lines 48-51 and replace with:

1. ☐ Set S2 to Off. Verify that the voltage on Cpd is less than 0.7V.
2. Set S2 to ON. Monitor Vport and lport when S1 (electronic switch in figure 33-11) has turned ON.

Proposed Response Response Status C

ACCEPT.

CI 33 SC 2.9.5 P 52 L 41 # 241
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

two units listed

SuggestedRemedy

pick either second or minute, but not both.

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 100.

CI 33 SC 2.9.7 P 54 L 50 # 242
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

two units listed

SuggestedRemedy

choose one, either second or minute.

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 100.

P802.3af Draft 3.1 Comments

CI 33 SC 2.9.7 P 54 L 51 # 287
 Hinrichs, Henry Pulse Inc.
 Comment Type E Comment Status A
 Use of ""s"" to express second units is confusing.
 SuggestedRemedy
 Either spell out ""second"" or abbreviate using ""sec"".
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 100.

CI 33 SC 3 P 65 L 10 # 246
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 used ""specified"" twice in the same sentence...choose another word.
 SuggestedRemedy
 replace the first instance of ""specified"" with ""defined"" so it reads ""Limits defined for the PD are specified at ...""
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 3.1 P 65 L 26 # 247
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 sentence needs clarification
 SuggestedRemedy
 add the words ""power to"" so the sentence reads ""...the PSE requirement not to supply power to both will remain.""
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 3.1 P 65 L 27 # 401
 Darshan, Yair PowerDsine
 Comment Type E Comment Status A
 Clarify that the requirement from the PSE not to supply power to alternative A and B simultaneously will remain.
 SuggestedRemedy
 Chnage line 27 from ""both will remain""
 to "" both alternatives A and B simultaneously will remain""
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 3.1 P 65 L 27 # 290
 Hinrichs, Henry Pulse Inc.
 Comment Type E Comment Status A
 Extraneous adverb.
 SuggestedRemedy
 Change sentence to: ""and the PSE requirement not to supply both remains.""
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 247 and 401.

CI 33 SC 3.1 P 65 L 52 # 248
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 missing capitalization
 SuggestedRemedy
 capitalize the word ""Mode"" when immediately followed by ""A"" or ""B"" , because it's referring to a specific mode. there are 2 instances on this line.
 Proposed Response Response Status C
 ACCEPT.

P802.3af Draft 3.1 Comments

CI 33 SC 3.3 P 66 L 42 # 249
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 missing capitalization
 SuggestedRemedy
 capitalize the word ""Mode"" when immediately followed by ""A"" or ""B"" throughout the entire document. several instances found on lines 42, 43, and 46.
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 3.3 P 66 L 45 # 250
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 extra spaces
 SuggestedRemedy
 remove extra space between the words ""between Positive"" on line 45 and between the words ""it is"" on line 46.
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 3.3 P 66 L 47 # 251
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 mode is overused in this sentence
 SuggestedRemedy
 change the generic use of mode to ""state"" so it reads ""...in a state where it will not accept...""
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 3.3 P 67 L 22 # 252
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 capitalization used when it shouldn't be
 SuggestedRemedy
 change the W in ""where"" to be lowercase.
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 3.3.1 P 66 L 33 # 361
 Atias, Ilan PowerDsine
 Comment Type E Comment Status A
 Psig at the begining of the line is error, should be Rsig.
 SuggestedRemedy
 Change Psig to Rsig
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 402.

CI 33 SC 3.3.1 P 66 L 33 # 362
 Heldman, Ronen PowerDsine
 Comment Type E Comment Status A
 Psig at the begining of the line is error, should be Rsig.
 SuggestedRemedy
 Change Psig to Rsig
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 402.

CI 33 SC 3.3.1 P 66 L 33 # 360
 Lehr, Amir PowerDsine
 Comment Type E Comment Status A
 Psig at the begining of the line is error, should be Rsig.
 SuggestedRemedy
 Change Psig to Rsig
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 402.

P802.3af Draft 3.1 Comments

Cl 33 **SC 3.3.1** **P 68** **L 33** **# 402**
 Darshan, Yair PowerDsine

Comment Type E **Comment Status A**
 Psig at the begining of the line is error, should be Rsig.

SuggestedRemedy
 Change Psig to Rsig

Proposed Response **Response Status C**
 ACCEPT.

Cl 33 **SC 3.4** **P 70** **L 30** **# 129**
 Grow, Bob Intel

Comment Type E **Comment Status A**
 Note should be part of table. Please rewrite, returned is no the write word since the signature is offered/provided independent of PSE action.

SuggestedRemedy
 Convert to IEEE style and change to read: ""Note: Class 4 is defined but is reserved for future use. A Class 4 signature cannot be provided by a compliant PD.""

Proposed Response **Response Status C**
 ACCEPT.

Cl 33 **SC 3.4** **P 70** **L 53** **# 253**
 Rasimas, Jennifer Nortel Networks

Comment Type E **Comment Status A**
 sentence flow is hard to read

SuggestedRemedy
 add a comma between the words ""classification"" and ""and"" so it reads ""...during classificaiton, and the ...""

Proposed Response **Response Status C**
 ACCEPT.

Cl 33 **SC 3.5** **P 71** **L 1** **# 349**
 Goldis, Mordechai (Moty) Avaya

Comment Type E **Comment Status A**
 This sentence is cut by table 33-12 .

SuggestedRemedy
 Either move it to page 70 or move table 33-12 to page 70 if fits.

Proposed Response **Response Status C**
 ACCEPT IN PRINCIPLE.

Comment should be applied to table 33-13, which cuts a sentence.

Cl 33 **SC 3.5** **P 72** **L 10** **# 162**
 Cobb, Terry Avaya Inc.

Comment Type E **Comment Status A**
 Table 33-13 should use Note #'s, only.

SuggestedRemedy
 Change to Note #'s.

Proposed Response **Response Status C**
 ACCEPT.

Cl 33 **SC 3.5** **P 72** **L 12** **# 403**
 Darshan, Yair PowerDsine

Comment Type E **Comment Status A**
 In tabe 33-13 column ""max"" : change ""see note"" to ""see note 3""
 In addition, change the title of item 3 from ""Port capacitance during operation"" to ""Port capacitance during Normal Powering Mode""

SuggestedRemedy
 In tabe 33-13 column ""max"" : change ""see note"" to ""see note 3""
 Change the title of item 3 from ""Port capacitance during operation"" to ""Port capacitance during Normal Powering Mode""

Proposed Response **Response Status C**
 ACCEPT.

Cl 33 **SC 3.5** **P 72** **L 48** **# 130**
 Grow, Bob Intel

Comment Type E **Comment Status A**
 Notes are not in IEEE style.

SuggestedRemedy
 Convert to IEEE style.

Proposed Response **Response Status C**
 ACCEPT IN PRINCIPLE.

Will be edited by IEEE before publication.

P802.3af Draft 3.1 Comments

CI 33 SC 3.5 P 73 L 24 # 405
 Darshan, Yair PowerDsine
 Comment Type E Comment Status A
 Inrush current should be time limited even if it is limited by the PD.
 SuggestedRemedy
 Add to the end of line 24, in addition to note b for item 5:
 ""T_inrush will be limited to 50ms max.""
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 3.5 P 73 L 29 # 350
 Goldis, Mordechai (Moty) Avaya
 Comment Type E Comment Status R
 The PD will turn on at voltage <= 42 and turn off voltage at voltage >= 30 should be
 ... >= and ... <=
 SuggestedRemedy
 see in comment
 Proposed Response Response Status C
 REJECT.
 Inequalities are correct.

CI 33 SC 3.5 P 73 L 6 # 254
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 wrong tense of ""require"" used
 SuggestedRemedy
 add an 's' so it becomes ""requires""
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 3.5.1 P 74 L 25 # 407
 Darshan, Yair PowerDsine
 Comment Type E Comment Status A
 Missing ""V1"" lable in figure 33-29.
 SuggestedRemedy
 Update figure 33-29 with the attached updated figure 33-29.
 Proposed Response Response Status C
 ACCEPT.

CI 33 SC 3.5.1 P 74 L 8 # 406
 Darshan, Yair PowerDsine
 Comment Type E Comment Status R
 The comma at the end of the line is redundant.
 SuggestedRemedy
 Proposed Response Response Status C
 REJECT.

It is consistent with the style for other test procedures.
 If necessary, this will be edited by the IEEE before publication.

CI 33 SC 3.5.1 P 75 L 4 # 291
 Hinrichs, Henry Pulse Inc.
 Comment Type E Comment Status A
 Use of ""s"" to express second units is confusing. This also occurs on lines 9, 14, 19, 22, 27,
 and 31.
 SuggestedRemedy
 Either spell out ""second"" or abbreviate using ""sec"".
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 100.

CI 33 SC 3.6 P 76 L 41 # 255
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 missing ""and""
 SuggestedRemedy
 add a comma and the word ""and"" at the end of the statement so it reads ""...as specified in
 Table 33-14, and...""
 Proposed Response Response Status C
 ACCEPT.

P802.3af Draft 3.1 Comments

CI 33 SC 3.6 P 76 L 42 # 52
karam, Roger Cisco Systems

Comment Type E Comment Status A
Ac is mis-spelled

SuggestedRemedy
change Ac to AC

Proposed Response Response Status C
ACCEPT.

CI 33 SC 3.6 P 77 L 3 # 256
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
missing commas

SuggestedRemedy
put a comma after the words ""Table 33-14"" on both line 3 and 4 because these are listed in the middle of a sentence.

Proposed Response Response Status C
ACCEPT.

CI 33 SC 3.6 P 77 L 4 # 324
Dwelley, David Linear Technology

Comment Type E Comment Status A
Phrasing is not as clear as it could be

SuggestedRemedy
Change line b) to read:
""An impedance below the maximum as specified by table 33-14""

Proposed Response Response Status C
ACCEPT.

CI 33 SC 3.6 P 77 L 8 # 292
Hinrichs, Henry Pulse Inc.

Comment Type E Comment Status A
Improper use of ""which"".

SuggestedRemedy
Replace with ""that"".

Proposed Response Response Status C
ACCEPT.

CI 33 SC 33.2.11.1 P 62 L 11 # 399
Darshan, Yair PowerDsine

Comment Type E Comment Status A
In e) line 11, change Tpmdo1 to Tpmdo which is the same timing requirements.

SuggestedRemedy
Change Tpmdo1 to Tpm�.

Proposed Response Response Status C
ACCEPT.

CI 33 SC 4 P 77 L 18 # 131
Grow, Bob Intel

Comment Type E Comment Status A
Hard to read sentence.

SuggestedRemedy
Either delete the comma before Resistance balance, or preferred delete the subclause title from the sentence.

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

Delete the subclause title from the sentence.

CI 33 SC 4.1 P 77 L 28 # 293
Hinrichs, Henry Pulse Inc.

Comment Type E Comment Status A
Use of ""s"" to express second units is confusing. Also occurs on lines 29 and 30.

SuggestedRemedy
Either spell out ""second"" or abbreviate using ""sec"".

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

See 100.

P802.3af Draft 3.1 Comments

CI 33 SC 4.1 P 77 L 34 # 132
Grow, Bob Intel

Comment Type E Comment Status A

Font problem.

SuggestedRemedy

Font on the ""M"" in 2Mohm is either a different style or size, correct.

Proposed Response Response Status C

ACCEPT.

Fix font

CI 33 SC 4.2 P 78 L 28 # 305
Pincu, David PowerDsine

Comment Type E Comment Status A

the wording ""shall not exceed Ilimax"" is not clear . there is no I limmax item in the specification.My understanding is that the idea here is to not to exceed the max value of the short circuit current I lim .

SuggestedRemedy

Change sentence to say : "" ... shall not exceed the maximum value of I lim as defined in Table 33-5 item 10 .""

Proposed Response Response Status C

ACCEPT.

CI 33 SC 4.2 P 78 L 28 # 257
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

need to tell reader where they can find the value I_limmax.

SuggestedRemedy

to the end of the sentence/paragraph, add the words "", as defined "" and then state where this value can be found. i was unable to find it in any table.

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 305.

CI 33 SC 4.2 P 78 L 30 # 258
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

missing commas

SuggestedRemedy

add a comma before and after the phrase ""without damage""

Proposed Response Response Status C

ACCEPT.

CI 33 SC 4.3 P 78 L 51 # 259
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

used the word ""impedance balance""in it's definition

SuggestedRemedy

remove the second instance of impedance balance and choose another phrase to fill its place. (maybe ""offset"")

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Use "offset"

CI 33 SC 4.4 P 79 L 31 # 188
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

This sub-section is out of place, this section deals with PSE and PD requirements and not cabling requirements.

SuggestedRemedy

Either create a new section on cabling or move to section 33.5 Environment. The title should reflect that this is cabling, i.e: ""Cabling resistance balance"".

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Move to section 33.5 Environment. The title becomes "Cabling resistance balance".

Place after 33.5.4.

P802.3af Draft 3.1 Comments

CI 33 SC 4.4 P 79 L 33 # 294

Hinrichs, Henry

Pulse Inc.

Comment Type E Comment Status A

Incorrect terminology for cabling.

SuggestedRemedy

Sentence should read: "".....between two conductors in the 100 ohm balanced cabling system.""

Proposed Response Response Status C

ACCEPT.

CI 33 SC 4.4 P 79 L 35 # 260

Rasimas, Jennifer

Nortel Networks

Comment Type E Comment Status A

this phrase with these conductor numbers is assuming Mode A

SuggestedRemedy

should state that this assumes Mode A

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 306.

CI 33 SC 4.4 P 79 L 36 # 366

Flatman, Alan

LAN Technologies

Comment Type E Comment Status A

[lines 36-40]ISO/IEC 11801 Edition 2 specifies 3% dc resistance unbalance, not 3.5%.There is no need to include a reference to ISO/IEC 11801 Edition 2 here.

SuggestedRemedy

Remove editor's note.

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Change to 3 percent in line 35.

Remove editor's note.

CI 33 SC 4.5 P 79 L 36 # 295

Hinrichs, Henry

Pulse Inc.

Comment Type E Comment Status A

Add a formula to further explain paragraph.

SuggestedRemedy

Below paragraph add the following formula:
$$\frac{R_{loopmax} - R_{loopmin}}{R_{loopmax}} * 100 = \%$$

where Rloopmax = conductor having highest resistance

Rloopmin = conductor having lowest resistance

Proposed Response Response Status C

ACCEPT.

CI 33 SC 4.5 P 79 L 43 # 307

Pincu, David

PowerDsine

Comment Type E Comment Status A

In the sentence :"" The magnitude of the total common -mode ...""

The word ""Total"" should be changed to ""AC"" similar to the definitin in the same clause page 80 line 1 .

SuggestedRemedy

Change ""total"" to ""AC""

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

The magnitude of the common-mode AC voltage . . .

CI 33 SC 4.5 P 79 L 46 # 261

Rasimas, Jennifer

Nortel Networks

Comment Type E Comment Status A

sentence flow is hard to read

SuggestedRemedy

add a comma after ""10Mbit/s"" so it reads ""...operating at 10Mbit/s, and 50mV peak-to-peak when...""

Proposed Response Response Status C

ACCEPT.

P802.3af Draft 3.1 Comments

Cl 33 SC 4.6 P 80 L 24 # 172
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

Correct term to match previous definition of common mode voltage.

SuggestedRemedy

Change the first sentence to:

""The common mode pair to pair AC voltage between any""

Proposed Response Response Status C

ACCEPT.

Cl 33 SC 4.6 P 81 L 1 # 351
Goldis, Mordechai (Moty) Avaya

Comment Type E Comment Status A

Move ""power supply ... "" back to page 80

SuggestedRemedy

See in comment

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Close up white space
(if FrameMaker allows it)

Cl 33 SC 4.6 P 81 L 1 # 173
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

Add pointer back to power supply ripple.

SuggestedRemedy

add to the sentence after the words: power supply "",Item 3 in Table 33-5,""

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

from the power supply (Item 3 in Table 33-5) or from any other source.

Cl 33 SC 4.6 P 81 L 12 # 296
Hinrichs, Henry Pulse Inc.

Comment Type E Comment Status A

Where measurement is taken is confusing. Furthermore no limit is mentioned in preceding paragraph that describes the measurement.

SuggestedRemedy

Remove the two balls that connect back to ground and in the text on page 80 specify a maximum value.

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Remove "ground circles"

Cl 33 SC 4.6 P 81 L 9 # 134
Grow, Bob Intel

Comment Type E Comment Status A

Drawing problem, fix arrow. (Residual problem from incomplete in meeting editing at Las Vegas. The arrow needs to point to the MDI A point A and MDI B point A.

SuggestedRemedy

Redraw without the crossing the unlabeled point on MDI A. Text ""Common mode pair to pair output voltage"" should be adjacent to arrow.

Proposed Response Response Status C

ACCEPT.

Cl 33 SC 4.7 P 81 L 35 # 262
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status R

unknown numbers

SuggestedRemedy

what is ""40.8.3""? where does it come from? it should be referenced here. if it's a subclause, then state that it's a subclause.

Proposed Response Response Status C

REJECT.

IEEE style is to reference a section only with a section number.

P802.3af Draft 3.1 Comments

CI 33 SC 4.8 P 81 L 41 # 263
 Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
 missing commas

SuggestedRemedy
 put a comma before and after the phrase ""while power is being applied"".

Proposed Response Response Status C
 ACCEPT.

CI 33 SC 4.8 P 81 L 42 # 264
 Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
 missing ""n""

SuggestedRemedy
 add an ""n"" so ""a"" becomes ""an"" and sentence reads ""...all pairs terminated at an MDI...""

Proposed Response Response Status C
 ACCEPT.

CI 33 SC 4.9 P 81 L 54 # 300
 Pincu, David PowerDsine

Comment Type E Comment Status R

In the editor's note , it is defined that "" If the version is not approved at publication , the reference should be replaced by ANSI/TIA/EIA 568-B 2""
 I belive the ISO is a more applicable reference as it is an international std developed and supported by most of the countries in the world . If ISO 11801 :2002 is not available than we should revert to ISO 11801 :2000

SuggestedRemedy
 Change the sentence to say :"" If the version is not approved at publication , the reference should be replaced by ISO 11801 :2000

Proposed Response Response Status C
 REJECT.

The existing editor's note on page 81 is correct.

CI 33 SC 4.9 P 82 L 28 # 177
 Cobb, Terry Avaya Inc.

Comment Type E Comment Status A
 Clarify title

SuggestedRemedy
 Add the words: ""Floor Distributor""

Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.

Figure 33-36 - Floor distributor channel configuration

CI 33 SC 4.9 P 82 L 36 # 265
 Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
 run-on sentence

SuggestedRemedy
 put a period before the word ""see"" and capitalize the 's' in ""see"", making these 2 sentences.

Proposed Response Response Status C
 ACCEPT.

CI 33 SC 4.9 P 83 L 32 # 178
 Cobb, Terry Avaya Inc.

Comment Type E Comment Status A
 Order of abbreviation and name needs to be reversed

SuggestedRemedy
 Change to say: ""Floor Distributor, FD, ..""

Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.

. . . Floor Distributor (FD) . . .

P802.3af Draft 3.1 Comments

Cl 33 SC 4.9 P 83 L 46 # 368

Flatman, Alan LAN Technologies

Comment Type E Comment Status A

Wrong reference to 25.4.6 (this is crossover function)

SuggestedRemedy

Fix

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

Insert an editor's note referencing most recently approved maintenance.
Correct reference ???

Cl 33 SC 4.9 P 83 L 46 # 302

Pincu, David PowerDsine

Comment Type E Comment Status A

The sentence "" the requirements for two pair category 5 are found in 25.4.6 ""
is unclear and redundant .Why should the reader be advised about Cat 5? , (25.4.6 of what
document?)

SuggestedRemedy

Delete this sentence

Proposed Response Response Status C

ACCEPT IN PRINCIPLE.

See 368

Cl 33 SC 4.9.1 P 83 L 53 # 266

Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

wrong punctuation

SuggestedRemedy

change period to a colon

Proposed Response Response Status C

ACCEPT.

Cl 33 SC 4.9.1.1 P 84 L 5 # 181

Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

Grammer, there is only one transmit and one receive pair.

SuggestedRemedy

Change all to the: ""for the transmit and receive..""

Note: Make this change also on line 15, line 26, and line 43, same page.

Proposed Response Response Status C

ACCEPT.

Cl 33 SC 5.3 P 85 L 22 # 185

Cobb, Terry Avaya Inc.

Comment Type E Comment Status A

Confusing

SuggestedRemedy

Remove the word functional, also in 33.5.5

Proposed Response Response Status C

ACCEPT.

Cl 33 SC 5.4 P 85 L 28 # 267

Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A

missing punctuation

SuggestedRemedy

put an apostrophe after the word ""manufacturers"", so it reads like ""....manufacturers'
specifications to..""

Proposed Response Response Status C

ACCEPT.

P802.3af Draft 3.1 Comments

Cl 33 SC 5.5 P 85 L 33 # 186
Cobb, Terry Avaya Inc.

Comment Type E Comment Status A
Correct for content

SuggestedRemedy

It would probably be better to combine this paragraph with 33.5.3 and eliminate 33.5.5, since they are both talking about installation.

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

Change title of 33.5.3 to "Installation and maintenance guidelines"

Append paragraph of 33.5.5 to 33.5.3.

Cl 33 SC 6.1.1.2 P 86 L 52 # 352
Goldis, Mordechai (Moty) Avaya

Comment Type E Comment Status A
The word detection is missing after word number 14 (PD)

SuggestedRemedy
see in comment

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

. . . test mode the PD detection function . . .

Cl 33 SC 6.1.1.2 P 86 L 53 # 136
Grow, Bob Intel

Comment Type E Comment Status A
Typo.

SuggestedRemedy

Change ""remove"" to ""removed"" at end of line.

Proposed Response Response Status C
ACCEPT.

Cl 33 SC 6.1.1.3 P 87 L 29 # 268
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
wrong tense of word

SuggestedRemedy

change ""indicates"" to ""indicate"" since it refers to multiple bits (also found on line 30).

Proposed Response Response Status C
ACCEPT.

Cl 33 SC 6.1.1.3 P 87 L 29 # 269
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
missing comma

SuggestedRemedy

put a comma after the phrase ""When read as '01',"" and after the phrase (on line 30) ""When read as '10',"".

Proposed Response Response Status C
ACCEPT.

Cl 33 SC 6.1.1.3 P 87 L 32 # 270
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
missing comma

SuggestedRemedy

put a comma after the word ""provided"".

Proposed Response Response Status C
ACCEPT IN PRINCIPLE.

. . . is provided, setting bits . . .

Cl 33 SC 6.1.1.3 P 87 L 36 # 271
Rasimas, Jennifer Nortel Networks

Comment Type E Comment Status A
should add more detail about which bits are being referred to

SuggestedRemedy

make sentence read ""The combinations '00' and '11' for bits 11.3:2 have been reserved for future use.""

Proposed Response Response Status C
ACCEPT.

P802.3af Draft 3.1 Comments

Cl 33 SC 6.1.1.5 P 87 L 46 # 272
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 missing comma
 SuggestedRemedy
 put a comma after the phrase ""...disabled by this bit,""
 Proposed Response Response Status C
 ACCEPT.

Cl 33 SC 6.1.2.3 P 88 L 53 # 426
 Darshan, Yair PowerDsine
 Comment Type E Comment Status A
 Change ""ludl"" to lmin as indicated in table 33-5 item 6 or ""power maintenance signature"" as indicated in table 33-14.
 Scan the draft and correct similar occurrences.
 SuggestedRemedy
 Change ""ludl"" to lmin as indicated in table 33-5 item 6 or ""power maintenance signature"" as indicated in table 33-14.
 Scan the draft and correct similar occurrences.
 Proposed Response Response Status C
 ACCEPT.

Cl 33 SC 6.1.2.4 P 89 L 10 # 274
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 need to specify which bits are being referred to
 SuggestedRemedy
 make sentence read ""The combinations '101', '110' and '111' for bits 12.7:5 have been reserved for future use.""
 Proposed Response Response Status C
 ACCEPT.

Cl 33 SC 6.1.2.4 P 89 L 6 # 140
 Grow, Bob Intel
 Comment Type E Comment Status A
 Superflous word.
 SuggestedRemedy
 Delete ""classification"".
 Proposed Response Response Status C
 ACCEPT.

Cl 33 SC 6.1.2.4 P 89 L 6 # 273
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 wrong subclause numbers
 SuggestedRemedy
 change ""33.2.5"" to ""33.2.6"" and change ""33.2.6"" to ""33.2.7"" , so they refer to the correct subclause.
 Proposed Response Response Status C
 ACCEPT.

Cl 33 SC 6.1.2.5 P 89 L 14 # 275
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 missing commas
 SuggestedRemedy
 throughout this paragraph, every place where it reads ""When read as 'xxx'"" , put a comma immediately after the phrase. (7 instances)
 Proposed Response Response Status C
 ACCEPT.

Cl 33 SC 6.1.2.5 P 89 L 15 # 141
 Grow, Bob Intel
 Comment Type E Comment Status A
 Clarify what it means to be disabled.
 SuggestedRemedy
 Change to read: ""...has been disabled (bit 11:0 is zero)
 Proposed Response Response Status C
 ACCEPT.

P802.3af Draft 3.1 Comments

Cl 33 SC 6.1.2.5 P 89 L 15 # 276
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 wrong tense of word ""indicate""
 SuggestedRemedy
 since all of these are referring to multiple bits, the word ""indicates"" should be ""indicate""
 (no 's') throughout this paragraph. (7 instances)
 Proposed Response Response Status C
 ACCEPT.

Cl 33 SC 6.1.2.5 P 89 L 19 # 277
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 run-on sentence
 SuggestedRemedy
 put a period after the phrase ""...detected a fault."" and capitalize the ""I"" in the next word
 ""Faults"".
 Proposed Response Response Status C
 ACCEPT.

Cl 33 SC 6.1.2.5 P 89 L 24 # 278
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 need to be more specific about the bits
 SuggestedRemedy
 make sentence read ""The combination '111' for bits 12.4:2 has been reserved for future
 use.""
 Proposed Response Response Status C
 ACCEPT.

Cl 33 SC 6.1.2.7 P 89 L 36 # 279
 Rasimas, Jennifer Nortel Networks
 Comment Type E Comment Status A
 possibly incorrect table number
 SuggestedRemedy
 Table 33-11 doesn't mention ""I_port"" as indicated in the sentence on this line. Should it be
 similar to the next sentence in the document, stating it is drawing a current less than the min
 value of I_port in Table 33-13? Or Table 33-11 could be changed to include the word Iport
 somewhere within it, if that's really what is meant.
 Proposed Response Response Status C
 ACCEPT IN PRINCIPLE.
 See 425

Cl 33 SC 6.1.2.7 P 89 L 36 # 425
 Darshan, Yair PowerDsine
 Comment Type E Comment Status A
 Change ""33-11"" to ""33-13""
 SuggestedRemedy
 Change ""33-11"" to ""33-13""
 Proposed Response Response Status C
 ACCEPT.

Cl 33 SC 7 P L # 143
 Grow, Bob Intel
 Comment Type E Comment Status A
 Save some paper.
 SuggestedRemedy
 Compress the white space. The header styles shouldn't force new page.
 Proposed Response Response Status C
 ACCEPT.

Cl **33** *SC* **Annex B** *P* **110** *L* **10** # **193**

Cobb, Terry Avaya Inc.

Comment Type **E** *Comment Status* **A**

Add per prior comment.

SuggestedRemedy

after IP telephones add: ""and wireless access point.""

Proposed Response *Response Status* **C**

ACCEPT IN PRINCIPLE.

. . . and wireless access points.

Cl **33** *SC* **Annex B** *P* **110** *L* **8** # **192**

Cobb, Terry Avaya Inc.

Comment Type **E** *Comment Status* **A**

Change nomenclature to be consistent.

SuggestedRemedy

remove ""unshielded twisted-pair (UTP)""

Proposed Response *Response Status* **C**

ACCEPT.

Cl **33** *SC* **general** *P* *L* # **133**

Grow, Bob Intel

Comment Type **E** *Comment Status* **A**

Inconsistent use of bit/s. IEEE style is b/s. In at least one case usage is ""MBit/s"" (instead of Mb/s)

SuggestedRemedy

Search with ignore case and replace.

Proposed Response *Response Status* **C**

ACCEPT.