

comments

Cl 33 SC 2.7.2a P38 L 48 # 173
Diab, Wael Broadcom

Comment Type ER Comment Status D editorial

As per comments 225 and 161, this text needs to be restructured so that we can write PICs around it. The way it stands, it says you shall implement this and you may then omit. This is hard to write text around. I believe that the editor is trying to describe a state machine.

SuggestedRemedy

Please replace this paragraph with a state machine

Proposed Response Response Status O

also see 196, 272

Cl 33 SC 2.8 P40 L 23 # 134
Schindler, Fred Cisco Systems

Comment Type E Comment Status D editorial

Consider using "k" or something other than "V" to convey that a constant is being used.

SuggestedRemedy

Suggest using "KTran_lo."

Proposed Response Response Status O

Cl 33 SC 2.8 P40 L 4 # 131
Schindler, Fred Cisco Systems

Comment Type TR Comment Status D editorial

Combine the two sentences added so that the required intent is conveyed within one sentence.

SuggestedRemedy

Use the sentence: "When a Type 2 PSE powers a Type 1 PD, the PSE shall meet the electrical requirements of a Type 1 PSE, and may choose to meet the electrical requirements of a Type 2 PSE for table 33-5 items 4, 8, and 10."

Proposed Response Response Status O

This is an editorial comment. Technically, what changes from the edit?
Propose to accept...

Cl 33 SC 2.8.14 P45 L 41 # 5
LANDRY, MATTHEW SILICON LABS

Comment Type E Comment Status D editorial

Is this a proper use of the 'CAUTION' statement?

SuggestedRemedy

If not, change it to a NOTE.

Proposed Response Response Status O

see 29

Cl 33 SC 2.8.2a P42 L 17 # 135
Schindler, Fred Cisco Systems

Comment Type TR Comment Status D editorial

The sentence structure does not convey the intent for PSE transient behavior and what action to take when a short circuit condition exists.

SuggestedRemedy

Modify the existing sentence to: "A Type 2 PSE shall maintain an output voltage of no less than VTran_lo below Vport min for transient conditions lasting more than 30 uS and less than 250 us, and meet the requirements of section 33.2.8.8."

Proposed Response Response Status O

comment recommends adding this:

"and meet the requirements of section 33.2.8.8"

to the end of the existing sentence.

See 247

Cl 33 SC 2.8.5 P43 L 23 # 136
Schindler, Fred Cisco Systems

Comment Type TR Comment Status D editorial

The text: "In a PSE that supports a classification function ... may optionally be" provides a formula for ICUT. This ICUT formula is valid whether classification is performed or not.

SuggestedRemedy

Replace this text with: "In a PSE, the minimum value of ICUT may optionally be"

Proposed Response Response Status O

comments

Cl 33 **SC 2.9** **P45** **L 51** # 140
 Schindler, Fred Cisco Systems

Comment Type **TR** **Comment Status** **D** *editorial*

The text, "The PSE may manage the attached PD.", removed from the legacy standard is still valid.

SuggestedRemedy
 Restore the text.

Proposed Response *Response Status* **O**

this is baseline text we pulled out after D0.9. comment 148 from D0.9 struck it.
 D0.9 Comment 148:
 The text states that '.. and the mechanism for obtaining that additional information, is beyond the scope of this standard ..'. I do not believe that is true anymore due to the link layer classification protocol.
 Remedy:
 Reword to acknowledge link layer classification.
 Response:
 ACCEPT IN PRINCIPLE.

Delete 2nd paragraph of 33.2.9

not much help here...

Cl 33 **SC 3.1a** **P50** **L 5** # 199
 Diab, Wael Broadcom

Comment Type **TR** **Comment Status** **D** *editorial*

This section does not accurately reflect the decisions we made in October. Specifically, it mandates that a Type PD implement classification, which breaks 802.3-2005. Moreover, it rules out certain combinations that the table in diab_2_1007.pdf allows, like classifying a Type 2 PD using one event classification and DLL.

It is very difficult to retain this wording here as it is without getting into classification.

SuggestedRemedy
 Rewrite this section as follows:

PDs can be categorized as either Type 1 or Type 2 (refer to 1.4). PDs may also implement Physical Layer Classification and/or Data Link Layer Classification. Permutations allowed by the standard are covered in section 33.3.4.

A Type 2 PD is required to achieve mutual identification with a Type 2 PSE as described in section 33.4. A Type 2 PD that does not achieve mutual identification shall conform to Type 1 PD power restrictions. Such a PD shall provide the user with local external notification that it is underpowered. The external notification mechanism is left to the implementor.

Proposed Response *Response Status* **O**

The new text is missing the shall that mandates the Type 2 PD to implement 2-event and DLL. For sure this is still a requirement. 202 points to 33.3.4 - the shalls are there. Maybe this text needs to have all shalls removed and be informative.

Cl 33 **SC 3.3** **P54** **L 23** # 253
 Stanford, Clay Linear Technology

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

The parameter name was changed from VI to slope.

Table 33-8 still uses V-I slope.

Pick a consistent name.

SuggestedRemedy

Proposed Response *Response Status* **O**

comments

CI 33 SC 3.4 P 56 L 2 # 168
Diab, Wael Broadcom

Comment Type T Comment Status D editorial

Please insert a copy of the Table and associated text from diab_2_1007.pdf in this section with introductory text, prior to the text present as the table covers both PSE and PD implementations.

SuggestedRemedy

Please insert a copy of the Table and associated text from diab_2_1007.pdf at the beginning of this section with the following introductory text:

"An 802.3at PD implementing classification shall meet one of the permutaiuons lsted in Table 33-2a"

Proposed Response Response Status O
set to T by CE.

CI 33 SC 3.5.2 P 61 L 3 # 162
Jones, Chad Cisco

Comment Type T Comment Status D editorial

"NOTE—Duty cycle shall be calculated using any sliding window with a 1 s width."
This note contains a shall and the note is in the wrong place.
There is no mention of duty cycle in 33.3.5.2 where it is located.
Lastly can we spell out second?

SuggestedRemedy

change it to "Duty cycle is calculated using any sliding window with a 1 second width."
move it to section 33.3.5.4 just after the first paragraph.

Proposed Response Response Status O