

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

Cl 25 SC 25.4.5 P 24 L 1 # 168  
 Yseboodt, Lennart Philips

Comment Type E Comment Status D Editorial

original text: "A 100BASE-TX receiver in a Type 2 or greater Endpoint PSE or Type 2 or greater PD (see Clause 33) shall meet the requirements of 25.4.7." in Clause 25 new types are included with the phrase "Type 2 or greater" which conceivably could be misinterpreted.

SuggestedRemedy

"A 100BASE-TX receiver in a Type 2, Type 3 and Type 4 Endpoint PSE or Type 2, Type 3 and Type 4 PD (see Clause 33) shall meet the requirements of 25.4.7."

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Adding serial commas:

"A 100BASE-TX receiver in a Type 2, Type 3, and Type 4 Endpoint PSE or Type 2, Type 3, and Type 4 PD (see Clause 33) shall meet the requirements of 25.4.7."

EZ

Cl 33 SC 33.1.4 P 46 L 6 # 149  
 Johnson, Peter Sifos Technologies

Comment Type E Comment Status D Editorial

Heading for 3.1.4 is Type 1 and Type 2 System parameters. Needs updating.

SuggestedRemedy

Change to:

System Parameters for Type 1, 2, 3, and 4 Systems

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

OBE by 89.

EZ

Cl 33 SC 33.1.4 P 46 L 6 # 89  
 Lukacs, Miklos Silicon Labs

Comment Type E Comment Status D Editorial

The title of the clause refers to Type 1 and 2 only.

SuggestedRemedy

Replace the title with:  
 System parameters

Proposed Response Response Status W

PROPOSED ACCEPT.

This was already done. D1.4 shows the title as "System Parameters". Somehow that got reversed.

EZ

Cl 33 SC 33.1.4 P 46 L 36 # 150  
 Johnson, Peter Sifos Technologies

Comment Type E Comment Status D Editorial

Footnote 2: In Type 3 and Type 4 oeratoins, the current per pairset will be impacted by pair-to-pair system unbalance...

Pair-to-Pair unbalance not applicable if Dual Signature. Change "will" to "may".

SuggestedRemedy

In Type 3 and Type 4 oeratoins, the current per pairset may be impacted by pair-to-pair system unbalance...

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.0a P 48 L 17 # 173  
 Yseboodt, Lennart Philips

Comment Type E Comment Status D Editorial

Table 33-1a Optional features column essentially is an Autoclass yes/no selection.

SuggestedRemedy

Change header to "Autoclass" and in column use "Yes/No".

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

Cl 33 SC 33.2.2 P 50 L 1 # 189  
 Yseboodt, Lennart Philips

Comment Type ER Comment Status D Editorial

Figures 33-4\* to 33-7\* use "2-Pair" and "4-Pair" in their captions.  
 Should not be capitalized.

*SuggestedRemedy*

This should be "2-pair" and "4-pair".

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.4 P 57 L 35 # 35  
 Darshan, Yair Microsemi

Comment Type ER Comment Status D Editorial

Typo in line 35. Need to be Figure 33-10 and not 33-10e  
 "Type 1 and Type 2 PSEs shall provide the behavior of the state diagrams shown in Figure 33-9, Figure 33-9 continued, and Figure 33-10e.  
 Type 3 and Type 4 PSEs shall provide the behavior of the state diagrams shown in Figure 33-10a to Figure 33-10d and Figure 33-10e."

*SuggestedRemedy*

Change from:

"Type 1 and Type 2 PSEs shall provide the behavior of the state diagrams shown in Figure 33-9, Figure 33-9 continued, and Figure 33-10e.  
 Type 3 and Type 4 PSEs shall provide the behavior of the state diagrams shown in Figure 33-10a to Figure 33-10d and Figure 33-10e."

To:

"Type 1 and Type 2 PSEs shall provide the behavior of the state diagrams shown in Figure 33-9, Figure 33-9 continued, and Figure 33-10.  
 Type 3 and Type 4 PSEs shall provide the behavior of the state diagrams shown in Figure 33-10a to Figure 33-10d and Figure 33-10e."

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.4.9 P 72 L 19 # 95  
 Schindler, Fred Seen Simply

Comment Type ER Comment Status D Editorial

Reference to this Table 33-3a seem to be in error.

*SuggestedRemedy*

On page 57, line 42, a reference to Table 33-3a is in error that should point to Table 33-3b on page 87.

On page 87 line 16, line 20, line-40 should point to Table 33-3b as well.

On page 72 line-50 Table 33-3a should reference Table 33-3b.

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

Cl 33 SC 33.2.4.9 P 72 L 19 # 101  
 Schindler, Fred Seen Simply

Comment Type TR Comment Status D PSE SD

Table 33-3a provides information that may permit unintended behavior. The unintended behavior could allow Type 4 PSEs to limit power output to less than class 7 power levels. The correct information in this table already appears elsewhere in the specification.

SuggestedRemedy

Delete Table 33-3a.

Delete the sentence, on line 16, "PSEs shall meet at least one of the allowable variable definition permutations described in Table 33-3a."

Replace the following text on line-36, "Editor's Note (remove prior to D2.0): Table 33-3a must be updated to take dual-signature into account. Reason: when connected to a DS PD, PSEs need to produce 3 events in order to verify Type." with,

"Editor's Note (remove prior to D2.0): Provide text that covers PSE connected to a DS PD, PSEs need to produce 3 events in order to verify Type."

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

This table needs to be fixed based on a decision in Dallas (Type 4 is class 7/8).

Remove "1,2,4," from Type 4 row. (Done in comment 207 EZ)

I believe this is the only place class\_num\_events gets set and thus it is needed.

Cl 33 SC 33.2.4.9 P 72 L 23 # 207  
 Yseboodt, Lennart Philips

Comment Type TR Comment Status D PSE SD

Type 4 PSEs are required to be capable of 5 class events. Table 33-3a allows 1,2,4 or 5.

SuggestedRemedy

Change the value of class\_num\_events for Type 4 to "5".

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.4.9 P 72 L 27 # 208  
 Yseboodt, Lennart Philips

Comment Type TR Comment Status D PSE SD

Table 33-3a shows the allowed PSE variable definition permutations. Since this is in the Type 3+4 SD section, Type 1 and 2 should not be listed (that is in Table 33-3).

SuggestedRemedy

Remove the rows for Type 1 and Type 2  
 Change caption of Table to "Allowed Type 3 and Type 4 PSE variable definition permutations"

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.4.10 P 72 L 48 # 104  
 Stover, David LTC

Comment Type E Comment Status D Editorial

tcc2det\_timer definition refers to Table 33-3a, which holds no information about tcc2det.

SuggestedRemedy

Replace reference to Table 33-3a with Table 33-3b.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

OBE by 95

EZ

Cl 33 SC 33.2.4.10 P 73 L 13 # 105  
 Stover, David LTC

Comment Type E Comment Status D Editorial

tdet2det\_timer definition refers to Table 33-3a, which holds no information about tdet2det.

SuggestedRemedy

Replace reference to Table 33-3a with Table 33-3b.

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

OBE by 95

EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

CI 33 SC 33.2.4.10 P73 L15 # 156  
 Johnson, Peter Sifos Technologies  
 Comment Type E Comment Status D Editorial  
 Error in table reference: ....See Table 33-3a.  
 SuggestedRemedy  
 Change to: ... See Table 33-3b.  
 Proposed Response Response Status W  
 PROPOSED ACCEPT IN PRINCIPLE.  
 OBE by 95  
 EZ

CI 33 SC 33.2.4.10 P73 L33 # 75  
 Schindler, Fred Seen Simply  
 Comment Type ER Comment Status D Editorial  
 New text uses LCF to represent long-class-finger. Text on page 132 uses the word "finger." The legacy specification references class "events." Text should use existing terminology.  
 SuggestedRemedy  
 Replace all occurrences of LCF with LCE. Replace all occurrences of finger with event.  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

CI 33 SC 33.2.4.11 P74 L12 # 91  
 Lukacs, Miklos Silicon Labs  
 Comment Type E Comment Status D Editorial  
 Typo: 'in' is not required.  
 SuggestedRemedy  
 This function initiates the Connection Check as specified in ...  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

CI 33 SC 33.2.4.11 P75 L33 # 92  
 Lukacs, Miklos Silicon Labs  
 Comment Type E Comment Status D Editorial  
 the indentation of the returned variable "mr\_pd\_class\_detected\_pri" is wrong  
 SuggestedRemedy  
 indent similarly like the other variables returned.  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

CI 33 SC 33.2.4.11 P77 L1 # 106  
 Stover, David LTC  
 Comment Type E Comment Status D Editorial  
 Stale "or" in definition of set\_parameter\_type: "...are set to values corresponding to either a Type 1, or Type 2, Type 3, or Type 4 PSE."  
 SuggestedRemedy  
 Replace with "Type 1, Type 2, Type 3, or Type 4 PSE."  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

CI 33 SC 33.2.4.11 P77 L4 # 107  
 Stover, David LTC  
 Comment Type E Comment Status D Editorial  
 Stale "and" in definition of parameter\_type: "...to pick between Type 1, and Type 2, Type 3, and Type 4 PI electrical requirement..."  
 SuggestedRemedy  
 Replace with "Type 1, Type 2, Type 3, and Type 4 PI electrical requirement..."  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

Cl 33 SC 33.2.4.12 P 78 L 24 # 161  
 Yseboodt, Lennart Philips  
 Comment Type E Comment Status D PSE SD  
 SM: Fig 33-10a, exit arc from START\_CXN\_CHX  
 Condition: do\_cxn\_chk\_done \* (tcc\_timer > tcc\_min)  
 Not the usual way to check a timer.  
 Tcc has a minimum only, it is not a range.  
 It will evaluate as TRUE whenever the minimum is crossed.  
 SuggestedRemedy  
 Change to: do\_cxn\_chk\_done \* tcc\_timer\_done  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

Cl 33 SC 33.2.5.0a P 87 L 24 # 112  
 Stover, David LTC  
 Comment Type E Comment Status D Editorial  
 Mixed precision in Table 33-3b (eg Tcc2det,max = 0.400; Tcc,min = 0.2)  
 SuggestedRemedy  
 Replace "0.400" with "0.4" for Tcc2det,max and Tdet2det,max  
 Proposed Response Response Status W  
 PROPOSED ACCEPT IN PRINCIPLE.  
 Editor to implement whatever the style guide says is correct.  
 EZ

Cl 33 SC 33.2.5.6 P 91 L 26 # 72  
 Schindler, Fred Seen Simply  
 Comment Type ER Comment Status D Editorial  
 Fix Typo "33.2.5.0aa"  
 SuggestedRemedy  
 Replace with "33.2.5.0a"  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

Cl 33 SC 33.2.5.6 P 91 L 26 # 160  
 Johnson, Peter Sifos Technologies  
 Comment Type E Comment Status D Editorial  
 Typo: ...described in 33.2.5.0aa..  
 SuggestedRemedy  
 Remove extra 'a'  
 Proposed Response Response Status W  
 PROPOSED ACCEPT IN PRINCIPLE.  
 OBE by 72.  
 EZ

Cl 33 SC 33.2.6 P 91 L 48 # 164  
 Yseboodt, Lennart Philips  
 Comment Type E Comment Status D Editorial  
 original text: "Physical Layer classification occurs before a PSE supplies power to a PD when the PSE asserts a voltage onto one or both pairsets and the PD responds to each class event with a current representing one of a limited number of classification signatures."  
 This text is too compact and the term class event is coming as a surprise. Change it to a real intro to the whole section  
 SuggestedRemedy  
 "Physical Layer classification occurs before a PSE supplies power to a PD, when the PSE asserts a voltage in the range of Vclass as defined in Table 33-10 onto one or both pairsets. This is called a class event. The PD responds to each class event with a current representing one of a limited number of classification signatures."  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

Cl 33 SC 33.2.6.2 P 96 L 35 # 113  
 Stover, David LTC

Comment Type T Comment Status D PSE Class

"Type 2 PSEs shall provide a maximum of 2 class and 2 mark events. Type 3 PSEs shall provide a maximum of 4 class and 4 mark events. Type 4 PSEs shall provide a maximum of 5 class and 5 mark events."

Maximum allowable class/mark event for Type 3/4 PSEs is dependant upon signature of connected PD, which is not specified here.

SuggestedRemedy

"Type 2 PSEs shall provide a maximum of 2 class and 2 mark events. Type 3 PSEs shall provide a maximum of 4 class and 4 mark events for single-signature PDs and a maximum of 3 class and 3 mark events for dual-signature PDs. Type 4 PSEs shall provide a maximum of 5 class and 5 mark events for single-signature PDs and a maximum of 4 class and 4 mark events for dual-signature PDs."

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.6.2 P 96 L 42 # 74  
 Schindler, Fred Seen Simply

Comment Type ER Comment Status D Editorial

Several broken hyperlinks are used for Table 33-10 on lines 42 and 43.

SuggestedRemedy

Use valid hyperlinks.

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.6.2 P 97 L 32 # 76  
 Schindler, Fred Seen Simply

Comment Type ER Comment Status D Editorial

The Editor's note may be removed:

"Editor's note: Cleanup of previous paragraph due to bad readability (strikeouts/underlines). Remove note for D1.5."

SuggestedRemedy

Remove the referenced Editor's note.

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.6.2 P 97 L 44 # 64  
 Schindler, Fred Seen Simply

Comment Type TR Comment Status D PSE Class

The text,

"Type 3 and Type 4 PSEs, when connected to single-signature PDs, shall transition directly from CLASS\_EV1\_LCF to MARK\_EV\_LAST if they implement only one class event."

Is no longer applicable to Type 4 PSEs.

SuggestedRemedy

Replace the sentence with,

"Type 3 PSEs, when connected to single-signature PDs, shall transition directly from CLASS\_EV1\_LCF to MARK\_EV\_LAST if they implement only one class event."

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.6.2 P 98 L 13 # 114  
 Stover, David LTC

Comment Type E Comment Status D Editorial

"...and transition directly to Mark\_EV\_LAST if the class..." MARK\_EV\_LAST is not proper case.

SuggestedRemedy

Replace "Mark\_EV\_LAST" with "MARK\_EV\_LAST".

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

Cl 33 SC 33.2.6.3 P 100 L 20 # 166  
 Yseboodt, Lennart Philips

Comment Type E Comment Status D Editorial

Table 33-10a does not describe any electrical parameters but only timing parameters.

SuggestedRemedy

Change header to: Autoclass timing requirements

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.6.3 P 100 L 47 # 29  
 Darshan, Yair Microsemi

Comment Type E Comment Status D Editorial

Comment 6 from D1.4 was not implemented completely.  
 "PAutoclass is the measured power during the Autoclass window between TAUTO\_PSE2 and TAUTO\_PSE2"

Typo in first occurrence of TAUTO\_PSE2

SuggestedRemedy

Change from;  
 "PAutoclass is the measured power during the Autoclass window between TAUTO\_PSE2 and TAUTO\_PSE2"

To:  
 "PAutoclass is the measured power during the Autoclass window between TAUTO\_PSE1 and TAUTO\_PSE2"

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.7 P 101 L 7 # 52  
 Schindler, Fred Seen Simply

Comment Type E Comment Status D Editorial

Changed text,  
 "When the PSE provides power to the PI, it shall conform with Table 33-11. Table 33-11 limit values support operation under worst-case operating conditions."

May be improved.

SuggestedRemedy

Replace the text with,  
 "When the PSE provides power to the PI, it shall conform with Table 33-11. Table 33-11 values support worst-case operating conditions."

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.7 P 103 L 10 # 97  
 Schindler, Fred Seen Simply

Comment Type ER Comment Status D Editorial

Fix the broken hyperlink on Figure 33-14.

SuggestedRemedy

Fix the broken hyperlink on Figure 33-14.

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

Cl 33 SC 33.2.7 P 103 L 51 # 147  
 Johnson, Peter Sifos Technologies

Comment Type E Comment Status D Editorial

Sub-heading in Table 33-1, item 17 says:  
 "DC MPS current to be met on both pairsets".

This could be a tad clearer.

SuggestedRemedy

Change to:

"DC MPS current to be met on each pairset."

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.7.4 P 106 L 4 # 34  
 Darshan, Yair Microsemi

Comment Type E Comment Status D Editorial

"ICon-2P is the current the PSE supports on each pairset and is defined by Equation Equation (33-3d)."

The word "Equation" appears twice.

SuggestedRemedy

Change from:

"ICon-2P is the current the PSE supports on each pairset and is defined by Equation Equation (33-3d)."

To:

"ICon-2P is the current the PSE supports on each pairset and is defined by Equation (33-3d)."

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.7.4 P 106 L 28 # 38  
 Darshan, Yair Microsemi

Comment Type ER Comment Status D Editorial

"PClass-2P is PClass-2P as defined in Table 33-11"  
 Pclass-2P is not defined in Table 33-11. It is defined in Equation 33-3a

SuggestedRemedy

Change from:

"PClass-2P is PClass-2P as defined in Table 33-11"

To:

"PClass-2P is PClass-2P as defined in Equation 33-3a"

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.2.7.4 P 106 L 41 # 31  
 Darshan, Yair Microsemi

Comment Type E Comment Status D Editorial

Typo in.  
 "VPSE is the voltage at the PSE PI as defined in 1.4.423"

SuggestedRemedy

Change from:

VPSE is the voltage at the PSE PI as defined in 1.4.423

To:

VPSE is the voltage at the PSE PI as defined in 1.4.426

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

These will keep changing and need to be kept up to date...

EZ



IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

CI 33 SC 33.2.7.4 P 107 L 54 # 59  
 Schindler, Fred Seen Simply  
 Comment Type ER Comment Status D Editorial  
 Fix the broken hyperlink on "Table 33-11".  
 SuggestedRemedy  
 Fix the broken hyperlink on "Table 33-11".  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

CI 33 SC 33.2.7.7 P 111 L 27 # 167  
 Yseboodt, Lennart Philips  
 Comment Type E Comment Status D Editorial  
 single signature <= missing hyphen  
 SuggestedRemedy  
 Change to single-signature  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

CI 33 SC 33.2.7.12 P 116 L 31 # 121  
 Stover, David LTC  
 Comment Type E Comment Status D Editorial  
 I\_Port-2P-other definition points to T1/T2 SD variables section. Should point to T3/T4 SD variables.  
 SuggestedRemedy  
 Replace description of I\_Port-2P-other with "is the output current on the other pairset (see 33.2.4.9)"  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

CI 33 SC 33.3.2 P 121 L 46 # 122  
 Stover, David LTC  
 Comment Type TR Comment Status D PD Class  
 "Such Type 3 PDs advertise a class signature of 4, 5, or 6, while Type 4 PDs advertise a class signature of 7 or 8." 5, 6, 7, and 8 are Class results, not class signatures. A proper example of usage may be found on page 122, line 1.  
 SuggestedRemedy  
 "Such Type 3 PDs advertise Class 4, 5, or 6, while Type 4 PDs advertise Class 7 or 8."  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

CI 33 SC 33.3.2 P 121 L 51 # 123  
 Stover, David LTC  
 Comment Type TR Comment Status D PD Class  
 "Type 3 dual-signature PDs advertise a class signature of 1, 2, 3, or 4 on each pairset, while Type 4 dual-signature PDs advertise a class signature of 5 on at least one pairset." Paragraph refers to class signature rather than Class result, which is clearly the intent.  
 SuggestedRemedy  
 "Type 3 dual-signature PDs advertise Class 1, 2, 3, or 4 on each pairset, while Type 4 dual-signature PDs advertise Class 5 on at least one pairset."  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

Cl 33 SC 33.3.3.5 P 126 L 1 # 191  
 Yseboodt, Lennart Philips

Comment Type ER Comment Status D Editorial

The D1.5 state machine is still drawn in draw.io format.  
 yseboodt\_8\_0116\_PD\_SM.pdf is a redrawn version in Visio.  
 It is identical in every way, except I've placed the states a bit different to get a better layout.

SuggestedRemedy

Adopt yseboodt\_8\_0116\_PD\_SM.pdf  
 In case any deviation is found between yseboodt\_8\_0116\_PD\_SM.pdf and the D1.5 SM, the D1.5SM is leading.  
 Other comments against the SM to be executed on yseboodt\_8\_0116\_PD\_SM.pdf

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.3.3.5 P 126 L 4 # 212  
 Yseboodt, Lennart Philips

Comment Type TR Comment Status D PD SD

Entry arc into IDLE uses variable V\_Reset which isn't listed in the constants section.  
 Note: this is wrong in 802.3-2012 as well.

SuggestedRemedy

Add:  
 "V\_Reset Reset voltage (see Table 33-17)"  
 to 33.3.3.2

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.3.7.3 P 138 L 41 # 30  
 Darshan, Yair Microsemi

Comment Type E Comment Status D Editorial

Typo in the text regarding Table reference number since D1.3:  
 "Inrush current is drawn during the startup period beginning with the application of input voltage at the PI compliant with Vport\_PD-2P requirements as defined in Table \*\*33-16a\*\*,..."

It should be Table 33-18

SuggestedRemedy

Change to:  
 "Inrush current is drawn during the startup period beginning with the application of input voltage at the PI compliant with Vport\_PD-2P requirements as defined in Table 33-18,..."

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33.3.7.3 P 139 L 26 # 32  
 Darshan, Yair Microsemi

Comment Type E Comment Status D Editorial

Figure 33-17a  
 Change "PSE encounters Cx" to "PSE sees Cx".

SuggestedRemedy

Change from:  
 "PSE encounters ..."  
 to:  
 "PSE sees ..." in Figure 33-17a.  
 4 occurrences.

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

CI 33 SC 33.3.7.3 P 139 L 42 # 19  
 Darshan, Yair Microsemi

Comment Type ER Comment Status D PD Power

Figure 33-17a.  
 The original intent for the Dual Signature PD drawing is that its Cport can be  $2 \times Cx$  if it is isolated and  $Cport=2 \times Cx$  (or  $\leq 2 \times Cx$ ) when it is not isolated.  
 Currently the drawing shows isolated so the label need to be  $Cport=2 \times Cx$  and not  $Cport \leq 2 \times Cx$ .

SuggestedRemedy

Change line 42 in Figure 33-17a from:  
 $Cport \leq 2 \times Cx$ .  
 To:  
 $Cport=2 \times Cx$ .

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

CI 33 SC 33.3.7.5 P 142 L 18 # 203  
 Yseboodt, Lennart Philips

Comment Type T Comment Status D Editorial

Figure 33-18 uses T\_CUT min which no longer exists.

SuggestedRemedy

Change to T\_CUT-2P min

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

CI 33 SC 33A.3 P 197 L 13 # 176  
 Yseboodt, Lennart Philips

Comment Type E Comment Status D Editorial

"33A.3 Intra Pair Resistance Unbalance"  
 Section name has every word capitalized.  
 Not in line with Style Guide.

SuggestedRemedy

change to: "33A.3 Intra-pair resistance unbalance"

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

CI 33 SC 33A.4 P 197 L 30 # 177  
 Yseboodt, Lennart Philips

Comment Type E Comment Status D Editorial

"33A.4 Recommended Channel Requirement For pair-to-pair Resistance Unbalance in 4-Pair Operation"  
 Section name has every word capitalized.  
 Also, something is either a REQUIREMENT or RECOMMENDED, but not both.  
 Not in line with Style Guide.

SuggestedRemedy

Change to: "Pair-to-pair channel resistance unbalance requirement for 4-pair operation"

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

CI 33 SC 33A.5 P 198 L 1 # 178  
 Yseboodt, Lennart Philips

Comment Type E Comment Status D Editorial

Figure 33A-4 is titled "PSE PI unbalance specification and E2EP2PRunb"

SuggestedRemedy

Change to "PD Resistance unbalance elements overview"

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

Cl 33B SC 33B P 201 L 1 # 124  
 Stover, David LTC

Comment Type E Comment Status D Editorial

Numbering for Annex 33B tables and figures has been updated; appears incorrect. For example, a reference to "Table 33B-1" on line 12 is now "Table 1".

SuggestedRemedy

Please reapply necessary numbering override to format figure and table references correctly in Annex 33B.

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33B P 201 L 1 # 192  
 Yseboodt, Lennart Philips

Comment Type ER Comment Status D Editorial

Page numbers are missing for pages in Annex 33B.

SuggestedRemedy

Add page numbers.

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33B P 201 L 24 # 181  
 Yseboodt, Lennart Philips

Comment Type E Comment Status D Editorial

In Figure 33B-1 it shows "PD+Channel", this can be misread as the + channel.

SuggestedRemedy

Change to: "PD and Channel".

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33B.3 P 204 L 26 # 14  
 Darshan, Yair Microsemi

Comment Type ER Comment Status D Editorial

Typo in the text:  
 "Swap R\_max, R\_min, repeat steps 1 and 2."

SuggestedRemedy

Change from:  
 Swap R\_max, R\_min, repeat steps 1 and 2.  
 To:  
 Swap Rload\_max, Rload\_min, repeat steps 1 and 2.

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

Cl 33 SC 33B.3 P 204 L 31 # 13  
 Darshan, Yair Microsemi

Comment Type ER Comment Status D Editorial

We have changed in D1.4 comment cycle Rpair\_max/min to Rpse\_min/max and the following text was forgotten.  
 "Verification of Icon-2P\_unb in step 6 confirms PSE RPair\_max and RPair\_min are in conformance to Equation (33-4f).

SuggestedRemedy

Change from:  
 Verification of Icon-2P\_unb in step 6 confirms PSE RPair\_max and RPair\_min are in conformance to Equation (33-4f).  
 To:  
 Verification of Icon-2P\_unb in step 6 confirms PSE Rpse\_max and Rpse\_min are in conformance to Equation (33-4f).

Proposed Response Response Status W

PROPOSED ACCEPT.

EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

Cl 79 SC 79.3.2 P 213 L 37 # 80  
 Schindler, Fred Seen Simply  
 Comment Type **TR** Comment Status **D** Editorial  
 The length of the LLDP frame shown in Figure 79-3 is 18 octets. The value show in TLV information string length is 20, which is incorrect.  
 SuggestedRemedy  
 Replace the reference value 20 with 18.  
 Proposed Response Response Status **W**  
 PROPOSED ACCEPT.  
 EZ

Cl 79 SC 79.3.2.4 P 215 L 6 # 54  
 Schindler, Fred Seen Simply  
 Comment Type **ER** Comment Status **D** Editorial  
 Fix the typo, "TLV.."  
 SuggestedRemedy  
 Replace with "TLV."  
 Proposed Response Response Status **W**  
 PROPOSED ACCEPT.  
 EZ

Cl 79 SC 79.3.2.6b P 218 L 1 # 193  
 Yseboodt, Lennart Philips  
 Comment Type **ER** Comment Status **D** Editorial  
 Accepted Comment no. 205 from D1.4 cycle was not implemented.  
 SuggestedRemedy  
 Implement comment no. 205 from D1.4.  
 Proposed Response Response Status **W**  
 PROPOSED ACCEPT.  
 EZ

Cl 79 SC 79.3.2.6b P 218 L 34 # 81  
 Schindler, Fred Seen Simply  
 Comment Type **TR** Comment Status **D** Editorial  
 Please implement the accept D1.4 change to Bit 1 of Table 79.6b.  
 SuggestedRemedy  
 Please implement the accept D1.4 change to Bit 1 of Table 79.6b. See comment 205.  
 Proposed Response Response Status **W**  
 PROPOSED ACCEPT IN PRINCIPLE.  
 OBE by 193  
 EZ

Cl 79 SC 79.3.2.6d P 220 L 18 # 55  
 Schindler, Fred Seen Simply  
 Comment Type **ER** Comment Status **D** Editorial  
 Table 79.6f is associated with section 79.3.2.6e but appears in the Link Aggregation TLV clause.  
 SuggestedRemedy  
 Move the reference table to the clause that covers it.  
 Proposed Response Response Status **W**  
 PROPOSED ACCEPT IN PRINCIPLE.  
 Is this just Frame sticking the Table where it fits? Editor to fix if possible...  
 EZ

Cl 79 SC 79.3.7.1 P 224 L 43 # 57  
 Schindler, Fred Seen Simply  
 Comment Type **ER** Comment Status **D** Editorial  
 Fix typo "(voltage".  
 SuggestedRemedy  
 Replace with "voltage".  
 Proposed Response Response Status **W**  
 PROPOSED ACCEPT.  
 EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

Cl 33 SC 79.3.7.2 P 225 L 54 # 184  
 Yseboodt, Lennart Philips  
 Comment Type E Comment Status D Editorial  
 Line missing at bottom of table 79-7a.  
 SuggestedRemedy  
 Add line.  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

Cl 79 SC 79.3.7.3 P 226 L 5 # 196  
 Yseboodt, Lennart Philips  
 Comment Type ER Comment Status D Editorial  
 V\_Port\_PD should be V\_Port\_PD-2P.  
 SuggestedRemedy  
 Fix.  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

Cl 33 SC 79.3.7.2 P 227 L 54 # 185  
 Yseboodt, Lennart Philips  
 Comment Type E Comment Status D Editorial  
 Line missing at bottom of table 79-7b.  
 SuggestedRemedy  
 Add line.  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

Cl 79 SC 79.3.7.3 P 228 L 8 # 197  
 Yseboodt, Lennart Philips  
 Comment Type ER Comment Status D Editorial  
 V\_PORT\_PSE is capitalized.  
 I\_PORT and I\_PORT-2P is capitalized.  
 SuggestedRemedy  
 Change to:  
 V\_Port\_PSE-2P, I\_Port and I\_Port-2P respectively.  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

Cl 79 SC 79.3.7.3 P 228 L 28 # 198  
 Yseboodt, Lennart Philips  
 Comment Type ER Comment Status D Editorial  
 Table 79-7c is missing a caption.  
 SuggestedRemedy  
 Caption = "Power price index value field"  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

Cl 79 SC 79.3.7.3 P 228 L 34 # 199  
 Yseboodt, Lennart Philips  
 Comment Type ER Comment Status D Editorial  
 Table 79-7c, value cell, missing space between '1 through65535'  
 SuggestedRemedy  
 Fix.  
 Proposed Response Response Status W  
 PROPOSED ACCEPT.  
 EZ

IEEE P802.3bt D1.5 4PPoE 8th Task Force review comments

---

*Cl* **33**      *SC* **79.4.2**                      *P* **232**                      *L* **49**                      #

Yseboodt, Lennart                                      Philips

*Comment Type*    **E**                      *Comment Status*    **D**                                      *Editorial*

Line missing at bottom of table 79-10.

*SuggestedRemedy*

Add line.

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

PROPOSED ACCEPT.

EZ