Cl **104** *SC* **104.1** *P* **13** *L* **19** # 21

Dwelley, David Linear Technology

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

e) A data layer protocol to classify devices based on their power needs.

SCCP isn't officially in the data layer of the OSI stack

SuggestedRemedy

Combine with the above line:

d) Physical layer protocols allowing the detection of a device that requests power from a PSE and classification of the device based on its power needs.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.

Cl **104** *SC* **104.1.3** *P* **14** *L* **12** # 22

Dwelley, David Linear Technology

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

"Figure 104–1—1-Pair PoDL power sourcing equipment (PSE) relationship to the physical interface circuitry and the IEEE 802.3 Ethernet"

The word "model" was deleted from the end of the Figure title (also Figure 104.-2)

SuggestedRemedy

Add "model" to the end of the figure titles:

"Figure 104–1—1-Pair PoDL power sourcing equipment (PSE) relationship to the physical interface circuitry and the IEEE 802.3 Ethernet model"

"Figure 104–2—1-Pair PoDL powered device (PD) relationship to the physical interface circuitry (PHY) and the IEEE 802.3 Ethernet model"

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.

Cl **104** *SC* **104.2** *P* **15** *L* **34** # 23

Dwelley, David Linear Technology

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

"The maximum DC loop resistance of the link segment shall be less than 6.5ohms."

"maximum" and "less than" are redundant

SuggestedRemedy

Remove "maximum":

"The DC loop resistance of the link segment shall be less than 6.5ohms."

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.

Cl **104** *SC* **104.3.6.7** *P* **23** *L* **7** # 29

Dwelley, David Linear Technology

Comment Type **T** *Comment Status* **D**

This concept has been confusing in PoE:

"Pclass is the minimum continuous class power defined in Table 104.1."

SuggestedRemedy

Change to:

"Pclass is the minimum continuous class power that the PSE nust be capable of supplying, defined in Table 104.1."

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.

Cl **104** *SC* **104.4.4** *P* **26** *L* **13** # 32

Dwelley, David — Linear Technology

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

"The detection signature is a constant voltage per Table 104–4 when measured by the PSE."

"is" is the wrong word

SuggestedRemedy

Replace "is" with "consists of":

"The detection signature consists of a constant voltage per Table 104–4 when measured by the PSE."

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.

Cl **104** *SC* **104.5.1** *P* **30** *L* **22** # 35

Dwelley, David — Linear Technology

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

"Any equipment that can be connected to a PD through a non-MDI connector that is not isolated from the MDI leads needs to provide isolation between all accessible external conductors, including frame ground (if any), and the non-MDI connector."

"needs to" isn't correct IEEE language

SuggestedRemedy

Change "needs to" to "must"

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.

Cl **104** *SC* **104.6.3.2** *P* **33** *L* **37** # 36

Dwelley, David — Linear Technology

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

Extra quote marks around defined terms

SuggestedRemedy

Remove quotes from "Write 1" and "Write 0". Check for similar quotes elsewhere in this section.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.

Cl **104** *SC* **104.2** *P* **15** *L* **46** # 37

Gardner, Andrew — Linear Technology

Comment Type **ER** *Comment Status* **D**

There is an extra period at the end of foot note 2.

SuggestedRemedy

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.

Cl **104** *SC* **figure 104-6** *P* **25** *L* **1** # 47

Gardner, Andrew — Linear Technology

Comment Type **T** *Comment Status* **D**

States in the PD state machine diagram should have unique names to differentiate them from the PSE state machine diagram.

SuggestedRemedy

Rename the sleep state to PD_sleep.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.

Cl **104** *SC* **104.4.7** *P* **29** *L* **49** # 54

Gardner, Andrew — Linear Technology

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

There appear to be extra carriage returns in sub-clause 104.4.7 on lines 49 and 50.

SuggestedRemedy

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.

Cl **104** *SC* **104.6** *P* **30** *L* **51** # 55

Gardner, Andrew Linear Technology

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

There is a space missing between 'The' and 'PSE' at the beginning of the first paragraph in sub-clause 104.6.

SuggestedRemedy

Add the space.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.

Cl **104** *SC* **figure 104-10** *P* **34** *L* **1** # 56

Gardner, Andrew Linear Technology

Comment Type **ER** *Comment Status* **D**

Some of the labels in Figure 104-10 appears to be missing.

SuggestedRemedy

Restore the missing labels in Figure 104-10.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT. EZ.