Cl **149**   *SC* **149.3.9.3**   *P* **135**   *L* **32**   # i-92

Tu, Mike

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

The variable "mr_rx_message" does not exist. Its name should be "mr_rx_lp_message".

SuggestedRemedy

Within Table 149-9, on line 32, 34, 37, and 39, replace "mr_rx_message" by "mr_rx_lp_message".

Proposed Response   *Response Status* **O**

Cl **149**   *SC* **149.3.9.3**   *P* **135**   *L* **27**   # i-93

Tu, Mike

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

The register bit mappings for OAM status messages are inconsistent with the definition given in Figure 149-25 (line 30 and line 34 on page 142).

SuggestedRemedy

In Table 149-9, the last column: 1. On line 27, change from "mr_tx_message[95:88]" to "mr_tx_message[87:80]". 2. On line 29, change from "mr_tx_message[87:80]" to "mr_tx_message[95:88]". 3. On line 36, change from "mr_rx_message[95:88]" to "mr_rx_lp_message[87:80]". 4. On line 39, change from "mr_rx_message[87:80]" to "mr_rx_lp_message[95:88]".

Proposed Response   *Response Status* **O**

Cl **149**   *SC* **149.1**   *P* **77**   *L* **17**   # i-94

Zimmerman, George   ADI, APL Group, Aquantia, BMW, Cisco, CommScop

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

The overview and the draft indicate that clause 149 operates over a single balanced pair of conductors. As in other standards, this may include either cabling or a backplane link segment. However, in several portions of the link segment specification, the requirements are written so that ONLY a separate cabling link segment can be used. this is in conflict with the overview and purpose. A slight adjustment to the wording, and a conditional on the PICS will make it clear that requirements such as coupling attenuation and shielding attenuation are only intended to apply to cabling link segments.

SuggestedRemedy

page 167 line 10 : At 149.7, change the last sentence of the first paragraph from "The term link segment used in this clause refers to a single shielded balanced pair of conductors operating in full duplex. " to "The term link segment used in this clause refers to a single balanced pair of conductors (cable or backplane) operating in full duplex. "; Page 171 line 31: at 149.7.1.4, change the first sentence from "when tested using the IEC 62153-4-7 triaxial tube in tube method as specified in Annex 149A, the MultiGBASE-T1 link segment shall meet the coupling attenuation values " to "when tested using the IEC 62153-4-7 triaxial tube in tube method as specified in Annex 149A, where shielded balanced pair cabling is used, the MultiGBASE-T1 link segment shall meet the coupling attenuation values " ; Page 172 line 27: Change the first sentence of 149.7.1.5 for "The minimum screening attenuation..." to read "Where shielded balanced pair cabling is used, the minimum screening attenuation..."; Page 174 line 36: Change the first sentence of 149.8.1 from "The mechanical interface to the shielded balanced cabling " to "Where shielded balanced pair cabling is used, the mechanical interface to the shielded balanced cabling"; Page 179 line 10, 149.11.3, insert row for *INS after row for *EEE, reading "*INS | Installation / cabling | 149.7 | Items marked with INS include installation practices and cabling specifications applicable when the link segment is balanced pair cabling, and not applicable to backplane link segments | O | Yes []<cr> No []" ; on page 193 line 12, Change status of row for LSC5 to "M:INS"

Proposed Response   *Response Status* **O**

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Comment ID* **i-94**   Page 1 of 1

COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   1/6/2020 8:26:57 AM

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