Cl **01**   *SC* **3**   *P* **3**   *L* **6**   *#* **50**
Dawe, Piers   Agilent

Comment Type **E**   *Comment Status* **A**   *TR23*

The connector reference IEC 61076-3-113 has now showed up on the IEC website. Here's its title: Connectors for electronic equipment - Part 3-113: Screened, serial multi-conductor cable to board connectors suitable for 10 Gbit/sec data rates Target dates: CDV 2004-02 FDIS 2004-12

SuggestedRemedy

Add title to reference. Note the target dates: are they timely enough or do you want to refer additionally to the SFF document in the interim, maybe as an informative reference?

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

See comment #23

Cl **45**   *SC* **2.1.10**   *P* **17**   *L* **17**   *#* **8**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **A**   *E8*
Remove capitalization.

SuggestedRemedy

Change all references to ""10G PMA/PMD extended ability register"". Also, remove change ""(Register 1.11)"" to ""(1.11)"" in heading.

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

Capitalization removed, "(Register 1.11)" kept to remain consistant with the rest of Clause 45.

Cl **45**   *SC* **2.1.8**   *P* **16**   *L* **40**   *#* **7**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **A**   *E7*
What is a multi-lane PMD?

SuggestedRemedy

Change to read ""multiple lane PMDs"".

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

Cl **54**   *SC* **0**   *P*   *L*   *#* **48**
Dawe, Piers   Agilent

Comment Type **E**   *Comment Status* **A**   *E48*
Some of my TRs against d4.0 have been closed: 399, 401, 413, 416, 417, 427, 433, 432, 442.

SuggestedRemedy

No action needed! Thank you.

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

Cl **54**   *SC* **10.5.1**   *P* **51**   *L* **1**   *#* **21**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **R**   *E21*
Paragraph starts at top of page when should be on previous page.

SuggestedRemedy

Check that the ""keep with next"" is only on for the appropriate portions of the paragraph or remove the page break.

Proposed Response   *Response Status* **C**
REJECT.

This is fine in D4.1 but looks different in the D4.0 to D4.1 compare dacument.

Cl **54**   *SC* **11**   *P* **53**   *L* **27**   *#* **22**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **A**   *E22*
Shorten paragraph to a more usable form.

SuggestedRemedy

Change to read:
The 10GBASE-CX4 PMD, as per 54.9, is coupled to the cable assembly, as per 54.10, by the MDI.

MDI has already been defined.

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

Cl **54**   *SC* **12.4.5**   *P* **44**   *L* **30**   # **37**
Baumer, Howard   Broadcom Corp.

Comment Type **E**   *Comment Status* **A**   *E37*
MDNear End Cross Talk is used, whereas every where else MDNEXT is used

SuggestedRemedy
Change ""MDNear End Cross Talk"" to MDNEXT""

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

Cl **54**   *SC* **12.4.5**   *P* **44**   *L* **32**   # **38**
Baumer, Howard   Broadcom Corp.

Comment Type **E**   *Comment Status* **A**   *E38*
ELFar-End cross talk is used whereas every where else ELFEXT is used

SuggestedRemedy
Change ""ELFar-End cross talk"" to ""ELFEXT""

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

Cl **54**   *SC* **12.4.5**   *P* **44**   *L* **34**   # **39**
Baumer, Howard   Broadcom Corp.

Comment Type **E**   *Comment Status* **A**   *E39*
MDELFar-End cross talk is used whereas every where else MDELFEXT is used.

SuggestedRemedy
Change ""MDELFar-End cross talk"" to ""MDELFEXT"".

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

Cl **54**   *SC* **7.1**   *P* **23**   *L* **16**   # **11**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **A**   *E11*
Remove ""Clause"" from reference to a subclause.

SuggestedRemedy
Scan document for ""Clause"" and ensure that reference is not a subclause. If reference is
a subclause, strike the word ""Clause"".

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

Cl **54**   *SC* **7.1**   *P* **24**   *L* **1**   # **10**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **R**   *E10*
Decrease font size in Figure 54-2 to 10pt.

SuggestedRemedy
As per comment.

Proposed Response   *Response Status* **C**
REJECT.

All text is either 9 or 10pt.

Cl **54**   *SC* **7.3.2**   *P* **25**   *L* **34**   # **51**
Dawe, Piers   Agilent

Comment Type **E**   *Comment Status* **A**   *E51*
extraneous dash after 3

SuggestedRemedy

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

Cl **54**   *SC* **7.3.2**   *P* **25**   *L* **34**   # **52**
Dawe, Piers   Agilent

Comment Type **E**   *Comment Status* **A**   *E14*
Need a space between number and unit.

SuggestedRemedy
Add the spaces: several occasions throughout the clause.

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

See comment #14 & #27

Cl **54**   *SC* **7.3.2**   *P* **25**   *L* **35**   # **27**
Dove, Daniel   HP ProCurve Networki

Comment Type **E**   *Comment Status* **A**   *E27*
For consistency, we should change all instances of ""2.0GHz"" to ""2000 MHz"". Right now
the document uses both indiscriminately.

SuggestedRemedy
Other instances I found... P27-L3,L20; P31-L3,L20-28; P32-L4

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

Cl **54**   *SC* **7.3.4**   *P* **26**   *L* **8**   # **53**
Dawe, Piers   Agilent

Comment Type **E**   *Comment Status* **A**   *E53*
This made me stop and re-read it: ""The Signal<p> / Signal<n> DC-common mode voltage"".

SuggestedRemedy
Might be better to say ""The DC-common mode voltage (Signal<p>-Signal<n>)/2"".

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

Will change "The Signal<p> / Signal<n> DC-common mode voltage shall be between ..." to "The common mode voltage of SLi<p> and SLi<n> shall be between ...".

Cl **54**   *SC* **7.3.5**   *P* **27**   *L* **23**   # **28**
Dove, Daniel   HP ProCurve Networki

Comment Type **E**   *Comment Status* **A**   *E28*
No need for two decimal points on Y axis of table.

SuggestedRemedy
Set number to zero decimal points on all tables. Also, don't use exponentials where not necessary on table axes. Figures this applies to: Figure 54-5; Y axis Figure 54-6: Y axis and X axis Figure 54-7: Unnecessary E+0 on Y axis Figure 54-8: Unnecessary E+0 on Y axis Figure 54-9: Unnecessary E+0 on Y axis Figure 54-10: Unnecessary E+0 on Y axis

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

Cl **54**   *SC* **7.3.5**   *P* **27**   *L* **4**   # **55**
Dawe, Piers   Agilent

Comment Type **E**   *Comment Status* **A**   *E55*
shall be meet

SuggestedRemedy
shall meet

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

Cl **54**   *SC* **7.3.6**   *P* **28**   *L* **4**   # **29**
Dove, Daniel   HP ProCurve Networki

Comment Type **E**   *Comment Status* **R**   *E29*
We use the term pre-emphasis everywhere but here for the transmitter. Inconsistent use o the term equalization.

SuggestedRemedy
Change ""equalization"" to ""pre-emphasis""

Proposed Response   *Response Status* **C**
REJECT.

Pre-emphasis is not used anywhere in D4.1.

Cl **54**   *SC* **7.3.6**   *P* **28**   *L* **5**   # **56**
Dawe, Piers   Agilent

Comment Type **E**   *Comment Status* **R**   *E56*
Not all points are inflection points.

SuggestedRemedy
""vertices"" or just ""points"".

Proposed Response   *Response Status* **C**
REJECT.

All of the points are inflection points except the end points, which delimit the line.

Cl **54**   *SC* **7.3.6**   *P* **28**   *L* **6**   # **63**
Bradshaw, Peter   BitBlitz Communicatio

Comment Type **E**   *Comment Status* **A**   *E63*
""Voltage and time coordinates for inflection points on Figure 54–6 are given in Figure 54–5. "" Coordinates are given in Table 54-5, not Figure 54-5.

SuggestedRemedy
Replace word 'Figure' by 'Table'

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

Cl **54**   *SC* **7.3.7**   *P* **29**   *L* **28**   # **30**
Dove, Daniel   HP ProCurve Networki

Comment Type **E**   *Comment Status* **A**   *E30*
Missing space

SuggestedRemedy
Change ""0.66normalized levels"" to ""0.66 normalized levels""

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

Cl **54**   *SC* **7.4.1**   *P* **30**   *L* **26**   # **58**
Dawe, Piers   Agilent

Comment Type **E**   *Comment Status* **A**   *E58*
10^{-12}

SuggestedRemedy
Use superscript, delete the ^

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

Cl **54**   *SC* **7.7**   *P* **26**   *L* **5**   # **13**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **A**   *E13*
Logic values should be in lowercase.

SuggestedRemedy
Change ""ONE"" to ""one"" and ""ZERO"" to ""zero"". Scan document for all other occurrences and change.

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

These are not logic values but rather variable values. This same section in Clause 53 uses all capitals for "ONE".

Cl **54**   *SC* **7.8**   *P* **26**   *L* **29**   # **12**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **R**   *E12*
Notes in 54.7.8 and 54.7.9 about ""disruptive to a network"" do not seem to add any value to specification. Although the information is correct, the management entity controlling these bits doesn't care about disrupting the network. There is a high probability that the controlling of these bits is due to diagnostics being performed on the network and therefore, disruption of the network is desired. This is a specification, not a user's manual.

SuggestedRemedy
Remove notes.

Proposed Response   *Response Status* **C**
REJECT.

This was the resolution to Technical comment #381 against D4.0

Cl **54**   *SC* **8**   *P* **27**   *L* **16**   # **15**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **A**   *E15*
Heading should use lowercase.

SuggestedRemedy
Change to read ""Connector pin assignments"". Apply similar change to 54.9.3.2.

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

Cl **54**   *SC* **8.1**   *P* **32**   *L* **4**   # **44**
Baumer, Howard   Broadcom Corp.

Comment Type **E**   *Comment Status* **A**   *E27*
Inconsistant units, 2GHz used whereas 2000MHz is more commonly used through out the document

SuggestedRemedy
Change 2GHz to 2000MHz. Check throughout the whole document and use 2000MHz.

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

See comment #27

Cl **54**   *SC* **8.3**   *P* **33**   *L* **18**   **#** **40**
Baumer, Howard   Broadcom Corp.

Comment Type **E**   *Comment Status* **A**   *T32*
The last sentence in this line incorrectly states attenuation. This Sentence is not needed.

SuggestedRemedy
Delete sentence starting with ""This includes ...""

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

Cl **54**   *SC* **8.4.1**   *P* **34**   *L* **6**   **#** **42**
Baumer, Howard   Broadcom Corp.

Comment Type **E**   *Comment Status* **A**   *T32*
The last sentence in this line incorrectly states attenuation. This Sentence is not needed.

SuggestedRemedy
Delete sentence starting with ""This includes ...""

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

Cl **54**   *SC* **8.4.2**   *P* **34**   *L* **25**   **#** **43**
Baumer, Howard   Broadcom Corp.

Comment Type **E**   *Comment Status* **A**   *T32*
The last sentence in this line incorrectly states attenuation. This Sentence is not needed.

SuggestedRemedy
Delete sentence starting with ""This includes ...""

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

Cl **54**   *SC* **8.5.1**   *P* **36**   *L* **8**   **#** **45**
Baumer, Howard   Broadcom Corp.

Comment Type **E**   *Comment Status* **A**   *T32*
The last sentence in this line incorrectly states attenuation. This Sentence is not needed.

SuggestedRemedy
Delete sentence starting with ""This includes ...""

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

Cl **54**   *SC* **8.5.2**   *P* **36**   *L* **27**   **#** **46**
Baumer, Howard   Broadcom Corp.

Comment Type **E**   *Comment Status* **A**   *T32*
The last sentence in this line incorrectly states attenuation. This Sentence is not needed

SuggestedRemedy
Delete sentence starting with ""This includes ...""

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

Cl **54**   *SC* **9.3.10**   *P* **39**   *L* **32**   **#** **18**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **A**   *E30*
Need to insert a space between 0.66 and normalized.

SuggestedRemedy
As per comment.

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

Cl **54**   *SC* **9.3.6**   *P* **32**   *L* **6**   **#** **14**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **A**   *E14*
Require a space between value and unit of measurement.

SuggestedRemedy
Insert space between ""150"" and ""mVpp"". Scan document for other occurrences and fix

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

Cl **54**   *SC* **9.3.8**   *P* **33**   *L* **10**   **#** **16**
Booth, Brad   Intel

Comment Type **E**   *Comment Status* **A**   *E16*
Equation format needs to be fixed.

SuggestedRemedy
It appears that the font is too large (12 pt instead of 10 pt), that the equation needs to be shrink-wrapped, and the equation numbering format should include a long dash (/=) instead of a period. Also apply to other equations.

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

TYPE: TR/technical required T/technical E/editorial   COMMENT STATUS: D/dispatched A/accepted R/rejected   SORT ORDER: Clause, Page, Line, Subclause   Page 5 of 6
RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn

Cl **54**   *SC* **9.3.8**

Cl **54** *SC* **9.3.9** *P* **35** *L* **8** # **17**
Booth, Brad Intel

Comment Type **E** *Comment Status* **A** *E17*
The word ""Annex"" is not required.

SuggestedRemedy
Delete.

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

Cl **54** *SC* **9.4** *P* **40** *L* **3** # **19**
Booth, Brad Intel

Comment Type **E** *Comment Status* **A** *E19*
Need a space between Table and 54-12.

SuggestedRemedy
As per comment.

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

Cl **54** *SC* **9.4.6** *P* **41** *L* **35** # **20**
Booth, Brad Intel

Comment Type **E** *Comment Status* **A** *E20*
Missing period at end of paragraph.

SuggestedRemedy
As per comment.

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

Cl **54** *SC* **Figure 54-4** *P* **26** *L* **16** # **54**
Dawe, Piers Agilent

Comment Type **E** *Comment Status* **A** *E54*
Inconsistent capitalisation of p and n here and in caption to Fig. 54-11.

SuggestedRemedy

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

Cl **54** *SC* **Figure 54-6** *P* **28** *L* **25** # **59**
Dawe, Piers Agilent

Comment Type **E** *Comment Status* **A** *E28*
Numbers on axes are hard to read.

SuggestedRemedy
Make them bigger, removing the second and third decimal places.

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

See comment #28

Cl **54** *SC* **Figures 54-5 to 54-10** *P* *L* # **64**
Bradshaw, Peter BitBlitz Communicatio

Comment Type **E** *Comment Status* **R** *E64*
Many Figures still have Howard's nice 'grey box' surrounding them. In particular, this is true of Figures 54-5, 54-6, 54-7, 54-8, 54-9 & 54-10 This is inconsistent with similar figures in other 802.3 documents e.g. Figures 47-4, 47-5, 47-6, 52-4, 52-8 & 52-15. Although consistency may be the hobgoblin of small minds, that may be all that are available...

SuggestedRemedy
Remove the grey boxes (perhaps easier than expanding our minds!).

Proposed Response *Response Status* **C**
REJECT.

Cl **54** *SC* **Table 54-7** *P* **31** *L* **18** # **41**
Baumer, Howard Broadcom Corp.

Comment Type **E** *Comment Status* **A** *TR23*
Test points TP2/TP3 should be TP1/TP4.

SuggestedRemedy
Change TP2/TP3 to TP1/TP4.

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

Table item is being removed from the response to comment #484 against D4.0.