*Cl* **45**　　　*SC* **45.2.1.6**　　　　　*P* **24**　　　*L* **38**　　　# r02-1
Wienckowski, Natalie　　　　　　　General Motors Comp

*Comment Type* **E**　　　*Comment Status* **D**　　　　　　　　*EZ*
The text refers to Table 45-4; however, the table it refers to is 45-7, which is the correct table in Clause 45.

*SuggestedRemedy*
Replace:  Replace indicated line in the 1.7.5:0 row of Table 45-4 with five new lines...

With:  Replace indicated line in the 1.7.5:0 row of Table 45-7 with five new lines...

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT.

---

*Cl* **96**　　　*SC* **96.1**　　　　　*P* **30**　　　*L* **9**　　　# r02-2
Anslow, Peter　　　　　　　Ciena Corporation

*Comment Type* **E**　　　*Comment Status* **D**　　　　　　　　*EZ*
The newly inserted "Clause 45" should be a cross-reference.  Same issue in the first line of 96.6.3

*SuggestedRemedy*
Change "Clause 45" to be a cross-reference in 96.1 and 96.6.3

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT.

---

*Cl* **96**　　　*SC* **96.5.2**　　　　　*P* **65**　　　*L* **12**　　　# r02-3
Chini, Ahmad

*Comment Type* **T**　　　*Comment Status* **D**　　　　　　　　*EZ*
PICS is missing for Test modes.

*SuggestedRemedy*
Add a PICS for this statement:"The test modes described in this subclause shall be provided to allow testing of the transmitter waveform,
transmitter distortion, transmitter jitter, and transmitter droop.

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT.

---

*Cl* **01**　　　*SC* **1.4.193**　　　　　*P* **20**　　　*L* **8**　　　# r02-4
Chini, Ahmad

*Comment Type* **E**　　　*Comment Status* **D**　　　　　　　　*EZ*
Text crosses (strike throughs) show up in the CLEAN version of the doc.

*SuggestedRemedy*
See comment.

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT IN PRINCIPLE.

Strike throughs and underlines will be present in a project draft when modifying previously amended clauses, but such edits should not be present in Clause 96 of this draft. The editor will scrub the draft for erroneous strike throughs and underlines.

---

*Cl* **45**　　　*SC* **45.2.1.6**　　　　　*P* **24**　　　*L* **38**　　　# r02-5
Chini, Ahmad

*Comment Type* **E**　　　*Comment Status* **D**　　　　　　　　*EZ*
Table number is not correct.

*SuggestedRemedy*
Change "Table 45-4" to "Table 45-7".

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT IN PRINCIPLE.

See response to comment #r02-01.
The response to comment r02-01 is copied below for the convenience of the reader.

PROPOSED ACCEPT.

---

*Cl* **45**　　　*SC* **45.2.3.1.2**　　　　　*P* **27**　　　*L* **45**　　　# r02-6
Chini, Ahmad

*Comment Type* **E**　　　*Comment Status* **D**　　　　　　　　*EZ*
Wrong reference.

*SuggestedRemedy*
Change 96.3.4 to 96.3.5.

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT.

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected　　　RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID

*Comment ID* **r02-6**　　　　Page 1 of 13
8/19/2015  12:12:42 PM

---

*Cl* **96**　　*SC* **96.1**　　　　*P* **30**　　　*L* **43**　　　# r02-7
Chini, Ahmad

*Comment Type* **E**　　*Comment Status* **D**　　　　　　　　　*EZ*
　Wrong Figure number.

*SuggestedRemedy*
　Change "Figure 96-2" to "Figure 96-3"

*Proposed Response*　　*Response Status* **W**
　PROPOSED ACCEPT.

---

*Cl* **96**　　*SC* **96.1.1**　　　　*P* **31**　　　*L* **50**　　　# r02-8
Chini, Ahmad

*Comment Type* **E**　　*Comment Status* **D**　　　　　　　　　*EZ*
　Wrong Figure number.

*SuggestedRemedy*
　Change "Figure 96-2" to "Figure 96-15"

*Proposed Response*　　*Response Status* **W**
　PROPOSED ACCEPT.

---

*Cl* **96**　　*SC* **96.5.2**　　　　*P* **66**　　　*L* **14**　　　# r02-9
Chini, Ahmad

*Comment Type* **E**　　*Comment Status* **D**　　　　　　　　　*EZ*
　Wrong reference.

*SuggestedRemedy*
　"the scrambling function described in 96.3.3.3." should be read "the scrambling function described in 96.3.3.3.1."

*Proposed Response*　　*Response Status* **W**
　PROPOSED ACCEPT.

---

*Cl* **96**　　*SC* **96.5.3**　　　　*P* **67**　　　*L* **45**　　　# r02-12
Chini, Ahmad

*Comment Type* **E**　　*Comment Status* **D**　　　　　　　　　*EZ*
　Apply consistent format.

*SuggestedRemedy*
　Change "5.4 volts" to "5.4 V".

*Proposed Response*　　*Response Status* **W**
　PROPOSED ACCEPT.

---

*Cl* **96**　　*SC* **96.11.4.5**　　　*P* **87**　　　*L* **8**　　　# r02-13
Chini, Ahmad

*Comment Type* **E**　　*Comment Status* **D**　　　　　　　　　*EZ*
　Apply consistent format.

*SuggestedRemedy*
　Change "5.4 volts" to "5.4 V".

*Proposed Response*　　*Response Status* **W**
　PROPOSED ACCEPT.

---

*Cl* **96**　　*SC* **96.11.4.5**　　　*P* **88**　　　*L* **23**　　　# r02-14
Chini, Ahmad

*Comment Type* **E**　　*Comment Status* **D**　　　　　　　　　*EZ*
　For "96.5.7" is not pdf active link.

*SuggestedRemedy*
　See comment.

*Proposed Response*　　*Response Status* **W**
　PROPOSED ACCEPT.

---

*Cl* **01**　　*SC* **1.3**　　　　*P* **18**　　　*L*　　　# r02-16
Donahue, Curtis

*Comment Type* **E**　　*Comment Status* **D**　　　　　　　　　*EZ*
　No space in "Part1".

　Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*
　Change "Part1" to "Part 1".

*Proposed Response*　　*Response Status* **W**
　PROPOSED ACCEPT.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected　　RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID

*Comment ID* **r02-16**　　Page 2 of 13
8/19/2015  12:12:43 PM

*Cl* **01**    *SC* **1.5**    *P* **21**    *L* **46**    # r02-18
Donahue, Curtis

*Comment Type* **E**    *Comment Status* **D**    *EZ*
PSAACRF is defined as "power sum alien attenuation to crosstalk ratio far end" but the title of 96.7.1.6 is "Power sum alien attenuation to crosstalk ratio far-end (PSAACRF)". Also, in 1.5 PSANEXT is defined as "power sum alien near-end crosstalk".

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*
Change the definition of PSAACRF in 1.5 to "power sum alien attenuation to crosstalk ratio far-end".

*Proposed Response*    *Response Status* **W**
PROPOSED ACCEPT.

*Cl* **45**    *SC* **45.2.1.6**    *P* **24**    *L* **38**    # r02-19
Donahue, Curtis

*Comment Type* **E**    *Comment Status* **D**    *EZ*
Reference to "Table 45-4" should be "Table 45-7"

*SuggestedRemedy*
Change "Table 45-4" to "Table 45-7"

*Proposed Response*    *Response Status* **W**
PROPOSED ACCEPT IN PRINCIPLE.

See response to comment #r02-01.
The response to comment r02-01 is copied below for the convenience of the reader.

PROPOSED ACCEPT.

*Cl* **45**    *SC* **45.2.1.131.2**    *P* **26**    *L* **49**    # r02-20
Donahue, Curtis

*Comment Type* **E**    *Comment Status* **D**    *EZ*
"MASTER/SLAVE" is not consistent nomenclature with rest of draft.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*
Change title "BASE-T1 MASTER/SLAVE config value (1.2100.14)" to "BASE-T1 MASTER-SLAVE config value (1.2100.14)".

*Proposed Response*    *Response Status* **W**
PROPOSED ACCEPT.

*Cl* **45**    *SC* **45.2.3.1.2**    *P* **27**    *L* **45**    # r02-21
Donahue, Curtis

*Comment Type* **E**    *Comment Status* **D**    *EZ*
Cross reference "96.3.4" is incorrect.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*
Change "96.3.4" to "96.3.5"

*Proposed Response*    *Response Status* **W**
PROPOSED ACCEPT IN PRINCIPLE.

See response to comment #r02-06.
The response to comment r02-06 is copied below for the convenience of the reader.

PROPOSED ACCEPT.

*Cl* **96**    *SC* **96.1**    *P* **30**    *L* **43**    # r02-24
Donahue, Curtis

*Comment Type* **E**    *Comment Status* **D**    *EZ*
Cross reference "Figure 96-2" is incorrect.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*
Change "Figure 96-2" to "Figure 96-3"

*Proposed Response*    *Response Status* **W**
PROPOSED ACCEPT IN PRINCIPLE.

See response to comment #r02-07.
The response to comment r02-07 is copied below for the convenience of the reader.

PROPOSED ACCEPT.

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected    RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID

*Comment ID* **r02-24**    Page 3 of 13
8/19/2015  12:12:43 PM

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*Cl* **96**    *SC* **96.1.1**    *P* **31**    *L* **50**    # r02-25

Donahue, Curtis

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

Cross reference "Figure 96-2" is incorrect.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Change "Figure 96-2" to "Figure 96-15"

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

PROPOSED ACCEPT IN PRINCIPLE.

See response to comment #r02-08.
The response to comment r02-08 is copied below for the convenience of the reader.

PROPOSED ACCEPT.

---

*Cl* **96**    *SC* **96.2**    *P* **33**    *L* **12**    # r02-26

Donahue, Curtis

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

Cross reference "96.4.4" is incorrectly marked in green text. Green text signifies a subclause cross reference that is not included in the present draft.

Note: page#, subclause#, and line# are in reference to "clean" draft version.

*SuggestedRemedy*

Change "96.4.4" from green text to normal black text formatting.

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

PROPOSED ACCEPT.

---

*Cl* **96**    *SC* **96.2.3.3**    *P* **35**    *L* **49**    # r02-27

Donahue, Curtis

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

Cross reference "96.3.2" is incorrect.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Change "96.3.2" to "96.3.3"

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

PROPOSED ACCEPT.

---

*Cl* **96**    *SC* **96.2.5.1**    *P* **36**    *L* **39**    # r02-28

Donahue, Curtis

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

Change the beginning of the paragraph from "During reception the" to "During reception, the". This would be consistent with the first paragraph of 96.2.4.1.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

See comment.

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

PROPOSED ACCEPT.

---

*Cl* **96**    *SC* **96.3.3.2**    *P* **44**    *L* **21**    # r02-29

Donahue, Curtis

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

Change "State Diagram" to "state diagram". This would be consistent with the rest of the draft.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

See comment.

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

PROPOSED ACCEPT.

---

*Cl* **96**    *SC* **96.3.3.2**    *P* **44**    *L* **25**    # r02-30

Donahue, Curtis

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

Change "{-1, 0, or 1}" to "{-1, 0, or +1}". This would be consistent with the rest of the draft.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

See comment.

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

PROPOSED ACCEPT.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected    RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID

*Comment ID* **r02-30**    Page 4 of 13
8/19/2015  12:12:43 PM

*Cl* **96**　　*SC* **96.3.3.2.3**　　　*P* **46**　　　*L* **45**　　# r02-31

Donahue, Curtis

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

Formatting and spacing of timer definitions are not consistent.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Fix formatting for text in timer definition in 96.3.3.2.3.

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

PROPOSED ACCEPT.

---

*Cl* **96**　　*SC* **96.3.3.2.3**　　　*P* **47**　　　*L* **38**　　# r02-32

Donahue, Curtis

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

Missing arrow tip where exit conditions for SSD3 VECTOR and TRANSMIT DATA merge.
Add arrow tip to be consistent with other instances within the draft.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

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

PROPOSED ACCEPT.

---

*Cl* **96**　　*SC* **96.3.3.3**　　　*P* **48**　　　*L* **31**　　# r02-33

Donahue, Curtis

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

Line at bottom of the figure does not extend to the edge where other lines start/stop.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Extend line to allign with the other lines in figure.

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

PROPOSED ACCEPT.

---

*Cl* **96**　　*SC* **96.3.3.3.6**　　　*P* **49**　　　*L* **39**　　# r02-34

Donahue, Curtis

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

Several instances of numbers less than 11 are typed as the number as opposed to spelling
the number out. Such as:
"9" is used instead of "nine" in 96.3.3.3.6, pg 49, line 36
"6" is used instead of "six" in 96.3.3.3.6, pg 49, line 39
"3" is used instead of "three" in 96.4.3, pg 60, line 26
etc.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Follow IEEE style guide and type the word of the number if it is less than 11, fix all
instances throught draft.

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

PROPOSED ACCEPT.

---

*Cl* **96**　　*SC* **96.3.4.1.1**　　　*P* **55**　　　*L* **18**　　# r02-36

Donahue, Curtis

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

The subscript 'n' of several variables (Rx_n, RA_n, RB_n, Scr_n, x0_n, etc.) is not italicized
in several locations throughout, however Tx_n has an italicized 'n'.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Fix all instances of the subscript 'n' to italicized, making the font consistent throughout the
draft.

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

PROPOSED ACCEPT.

---

*Cl* **96**　　*SC* **96.3.4.1.1**　　　*P* **55**　　　*L* **10**　　# r02-37

Donahue, Curtis

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

"Data phase" is not used anywhere else in the draft.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Change "Data phase" to "Data mode".

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

PROPOSED ACCEPT.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected　　RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID

*Comment ID* **r02-37**　　Page 5 of 13
8/19/2015  12:12:43 PM

*Cl* **96**　　　*SC* **96.3.4.1.3**　　　　*P* **55**　　　*L* **52**　　　# r02-38

Donahue, Curtis

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

Several equations, definitions, and state diagram text that use operators or symbols do not have consistent spacing around the surrounding numbers. Such as "1.08 ms +/-54 us".

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Fix all such instances to have a space before and after the operator/symbol.

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

PROPOSED ACCEPT.

---

*Cl* **96**　　　*SC* **96.4**　　　　*P* **58**　　　*L* **29**　　　# r02-40

Donahue, Curtis

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

Cross reference "96.2.2" is incorrect.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Change "96.2.2" to "96.2.1"

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

PROPOSED ACCEPT.

---

*Cl* **96**　　　*SC* **96.4.3**　　　　*P* **60**　　　*L* **27**　　　# r02-41

Donahue, Curtis

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

"and" is missing.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Change "Receivers, Abilities, Sub-Functions" to "Receivers, Abilities, and Sub-Functions".

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

PROPOSED ACCEPT.

---

*Cl* **96**　　　*SC* **96.4.6**　　　　*P* **61**　　　*L* **40**　　　# r02-42

Donahue, Curtis

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

Change "variable" to "variables".

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

See comment.

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

PROPOSED ACCEPT.

---

*Cl* **96**　　　*SC* **96.4.4**　　　　*P* **61**　　　*L* **19**　　　# r02-43

Donahue, Curtis

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

"Master" and "Slave" need to be completely capitalized.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Change "Master" to "MASTER" and "Slave" to "SLAVE".

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

PROPOSED ACCEPT.

---

*Cl* **96**　　　*SC* **96.4.7.1**　　　　*P* **62**　　　*L* **16**　　　# r02-44

Donahue, Curtis

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

Change "Start maxwait_timer" to "start maxwait_timer".

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

See comment.

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

PROPOSED ACCEPT.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected　　　RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID

*Comment ID* **r02-44**　　　Page 6 of 13
8/19/2015  12:12:44 PM

*Cl* **96**     *SC* **96.4.7.1**          *P* **63**          *L* **5**          # r02-45

Donahue, Curtis

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

In Figure 96-19 the line connecting the exit of LINK UP to the entrance of LINK DOWN is missing an arrow tip.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Add arrow tip to the line at the top of LINK DOWN.

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

PROPOSED ACCEPT.

---

*Cl* **96**     *SC* **96.4.7.1**          *P* **64**          *L* **12**          # r02-46

Donahue, Curtis

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

Change "PCS transmit function" to "PCS Transmit function".

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

See comment.

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

PROPOSED ACCEPT.

---

*Cl* **96**     *SC* **96.5.2**          *P* **65**          *L* **14**          # r02-49

Donahue, Curtis

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

Change "2102.15:13" to "1.2102.15:13".

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

See comment.

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

PROPOSED ACCEPT.

---

*Cl* **96**     *SC* **96.5.2**          *P* **66**          *L* **15**          # r02-50

Donahue, Curtis

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

Cross reference "96.3.3.3" is incorrect.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Change "96.3.3.3" to "96.3.3.3.1"

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

PROPOSED ACCEPT.

---

*Cl* **96**     *SC* **96.5.3**          *P* **66**          *L* **27**          # r02-51

Donahue, Curtis

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

"Transmitter Under Test" is left aligned while other figures have the same text center aligned.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Either change the text in Figure 96-20 to center aligned or change text in Figure 96-21 and Figure 96-22 to left aligned.

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

PROPOSED ACCEPT.

---

*Cl* **96**     *SC* **96.5.3**          *P* **67**          *L* **45**          # r02-52

Donahue, Curtis

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

This is the only instance of "volts" being used in the draft but there are other locations where "V" is used.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Suggest changing "5.4 volts" to "5.4 V".

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

PROPOSED ACCEPT IN PRINCIPLE.

See response to comment #r02-12.
The response to comment r02-12 is copied below for the convenience of the reader.

PROPOSED ACCEPT.

---

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected     RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID

*Comment ID* **r02-52**          Page 7 of 13
8/19/2015  12:12:44 PM

*Cl* **96**　　*SC* **96.5.4.4**　　　　*P* **70**　　　*L* **48**　　# r02-53
Donahue, Curtis

*Comment Type* **E**　　*Comment Status* **D**　　　　　　*EZ*
Missing ":" between "be" and "resolution" and "and" before "RMS detector".

*SuggestedRemedy*
Change "be resolution bandwidth = 10 kHz, video bandwidth = 30 kHz, sweep time > 60 s, RMS detector." to "be: resolution bandwidth = 10 kHz, video bandwidth = 30 kHz, sweep time > 60 s, and RMS detector.".

*Proposed Response*　　*Response Status* **W**
PROPOSED ACCEPT.

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*Cl* **96**　　*SC* **96.5.5**　　　　*P* **72**　　　*L* **3**　　# r02-54
Donahue, Curtis

*Comment Type* **E**　　*Comment Status* **D**　　　　　　*EZ*
Change "PMA Receive Function" to "PMA Receive function".

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*
See comment.

*Proposed Response*　　*Response Status* **W**
PROPOSED ACCEPT.

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*Cl* **96**　　*SC* **96.7.1**　　　　*P* **74**　　　*L* **54**　　# r02-55
Donahue, Curtis

*Comment Type* **E**　　*Comment Status* **D**　　　　　　*EZ*
The last paragraph of 96.7.1 lists the the transmission parameters definied in the children subclauses but does not list PSANEXT or PSAACRF.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*
Change "The transmission parameters of the link segment include insertion loss, return loss, mode conversion loss, and characteristic impedance." to "The transmission parameters of the link segment include insertion loss, return loss, mode conversion loss, characteristic impedance, power sum alien near-end crosstalk, and power sum alien attenuation to crosstalk ratio far-end.".

*Proposed Response*　　*Response Status* **W**
PROPOSED ACCEPT.

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*Cl* **96**　　*SC* **96.11.4.1**　　　　*P* **82**　　　*L* **10**　　# r02-56
Donahue, Curtis

*Comment Type* **E**　　*Comment Status* **D**　　　　　　*EZ*
PCT13 is a duplicate of PCT11.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*
Remove PCT13, renumber PICS items as necessary.

*Proposed Response*　　*Response Status* **Z**
PROPOSED REJECT.

This comment was WITHDRAWN by the commenter.

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*Cl* **96**　　*SC* **96.2.4**　　　　*P* **6**　　　*L* **36**　　# r02-57
Donahue, Curtis

*Comment Type* **E**　　*Comment Status* **D**　　　　　　*EZ*
Cross reference "96.3.2" is incorrect.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*
Change "96.3.2" to "96.3.3"

*Proposed Response*　　*Response Status* **W**
PROPOSED ACCEPT.

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*Cl* **96**　　*SC* **96.2.4**　　　　*P* **36**　　　*L* **44**　　# r02-58
Donahue, Curtis

*Comment Type* **E**　　*Comment Status* **D**　　　　　　*EZ*
Cross reference "Figure 96-7" is incorrect.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*
Change "Figure 96-7" to "96-6a and Figure 96-6b"

*Proposed Response*　　*Response Status* **W**
PROPOSED ACCEPT.

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TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected     RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID

*Comment ID* **r02-58**　　Page 8 of 13
8/19/2015  12:12:44 PM

*Cl* **96**　　*SC* **96.3.3.2.1**　　　　*P* **15**　　　*L* **45**　　# r02-59

Donahue, Curtis

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

Cross reference "96.3.2" is incorrect.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Change "96.3.2" to "96.3"

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

PROPOSED ACCEPT.

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*Cl* **96**　　*SC* **96.3.3.2.1**　　　　*P* **45**　　　*L* **15**　　# r02-60

Donahue, Curtis

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

Cross reference "96.3.2" is incorrect.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Change "96.3.2" to "96.3.3"

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

PROPOSED ACCEPT.

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*Cl* **96**　　*SC* **96.3.3.2**　　　　*P* **44**　　　*L* **38**　　# r02-61

Donahue, Curtis

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

Multiple definitions of ESD1 and ESD2.

Note: page#, subclause#, and line# are in reference to "clean" draft version

*SuggestedRemedy*

Modify to: "Therefore, at the end of a frame, tx_error is examined to determine whether ESD3 or ERR_ESD3 are to be transmitted following two consecutive special pairs (0, 0) for ESD1 and ESD2, as shown in Figure 96-7."

to

"Therefore, at the end of a frame, tx_error is examined to determine whether ESD3 or ERR_ESD3 are to be transmitted following ESD1 and ESD2, as shown in Figure 96-7."

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

PROPOSED ACCEPT.

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*Cl* **96**　　*SC* **96.3.3.2.1**　　　　*P* **45**　　　*L* **18**　　# r02-62

Donahue, Curtis

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

Definition does not specify a subclause for ERR_ESD3.

*SuggestedRemedy*

Add subclause refeerence into definition.

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

PROPOSED ACCEPT.

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*Cl* **45**　　*SC* **45.2.1.131.2**　　　　*P* **27**　　　*L* **51**　　# r02-67

RAN, ADEE　　　　　　　　　　　Intel Corporation

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

Acknowledging that this comment is not against changes from the previous draft.
The condition "MASTER-SLAVE manual config enable bit is set to one" is always true by the preceding subclause, so is redundant.

*SuggestedRemedy*

Delete "if MASTER-SLAVE manual config enable bit 1.2100.15 is set to one".

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

PROPOSED ACCEPT IN PRINCIPLE.

Change
"if MASTER-SLAVE manual config enable bit 1.2100.15 is set to one"
to
"when MASTER-SLAVE manual config enable bit 1.2100.15 is set to one"

---

*Cl* **45**　　*SC* **45.2.1.131.3**　　　　*P* **28**　　　*L* **4**　　# r02-68

RAN, ADEE　　　　　　　　　　　Intel Corporation

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

Acknowledging that this comment is not against changes from the previous draft. "Future modes of operation may use additional settings of these four bits" - this goes without saying, and is not used in other subclauses (as the standard doesn't predict the future). Will probably be deleted in maintenance if it stays this way.

*SuggestedRemedy*

Delete "Future modes of operation may use additional settings of these four bits."

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

PROPOSED ACCEPT.

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TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected　　RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID

*Comment ID* **r02-68**　　Page 9 of 13
8/19/2015  12:12:44 PM

*Cl* **45**　　*SC* **45.2.1.132**　　　　*P* **28**　　*L* **16**　　# r02-69
RAN, ADEE　　　　　　　　Intel Corporation

*Comment Type* **E**　　*Comment Status* **D**　　　　　　　*EZ*
Acknowledging that this comment is not against changes from the previous draft. Reserved values are conventionally described as simply "Reserved". Compare to table 45-57. The extra wording will probably be deleted in maintenance if it stays this way.

*SuggestedRemedy*
Change all occurrences of "Reserved for future use, operations not defined yet" to "Reserved".

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT.

*Cl* **96**　　*SC* **96.1**　　　　*P* **31**　　*L* **10**　　# r02-70
RAN, ADEE　　　　　　　　Intel Corporation

*Comment Type* **E**　　*Comment Status* **D**　　　　　　　*EZ*
Acknowledging that this comment is not against changes from the previous draft. "It is suitable for a variety of applications" looks like marketing text, which does not belong in a standard. It does not appear in similar clauses.

*SuggestedRemedy*
Delete "It is suitable for a variety of applications".

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT.

*Cl* **96**　　*SC* **96.1.1**　　　　*P* **34**　　*L* **41**　　# r02-71
RAN, ADEE　　　　　　　　Intel Corporation

*Comment Type* **TR**　　*Comment Status* **D**　　　　　　*EZ*
The text starting from "In contrast" until the end of this paragraph is not required for describing the architecture of 100GBASE-T1, has no normative meaning and does not help readability. The part about Clause 40 is not "in contrast" since it is a different speed (should we also mention 10GBASE-T?). This text is only weakly relevant and informative at best.

*SuggestedRemedy*
Replace the text from "In contrast" up to the end of the paragraph, to "This PHY uses ternary signaling and interfaces to the Clause 22 MII".
Add a NOTE (informative text) after the paragraph: "The 100BASE-TX PHY, specified in Clause 25, also interfaces to a Clause 22 MII, but operates over two pairs of balanced twisted-pair cabling".

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT.

*Cl* **96**　　*SC* **96.1.1**　　　　*P* **34**　　*L* **46**　　# r02-72
RAN, ADEE　　　　　　　　Intel Corporation

*Comment Type* **E**　　*Comment Status* **D**　　　　　　　*EZ*
Acknowledging that this comment is not against changes from the previous draft. This text is badly phrased: the "significant changes in the PCS" are unrelated to the PMA.

*SuggestedRemedy*
change ", but with significant changes to the PCS, as specified in 96.3" to "The PCS (specified in 96.3) is different from the PCS defined in Clause 40".

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT.

*Cl* **00**　　*SC* **0**　　　　*P* **13**　　*L*　　# r02-74
RAN, ADEE　　　　　　　　Intel Corporation

*Comment Type* **G**　　*Comment Status* **D**　　　　　　　*EZ*
Two pages in the "compare" document are numbered 13. All my comments use the PDF page numbers rather than the numbers appearing on the pages.

*SuggestedRemedy*
I assume that this will be correct in the published standard.

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT IN PRINCIPLE.

This will be corrected in the published standard.

*Cl* **96**　　*SC* **96.2.1**　　　　*P* **36**　　*L* **24**　　# r02-76
RAN, ADEE　　　　　　　　Intel Corporation

*Comment Type* **T**　　*Comment Status* **D**　　　　　　　*EZ*
Acknowledging that this comment is not against changes from the previous draft. It would be better to explicitly state which service interface "the service interface" refers to.

*SuggestedRemedy*
Change "the service interface" to "the PMA service interface".

*Proposed Response*　　　*Response Status* **W**
PROPOSED ACCEPT.

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected    RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID

*Comment ID* **r02-76**　　Page 10 of 13
8/19/2015  12:12:44 PM

*Cl* **96**     *SC* **96.2.3.1**          *P* **40**          *L* **26**          # r02-78
RAN, ADEE                          Intel Corporation

*Comment Type* **T**     *Comment Status* **D**                         *EZ*
Acknowledging that this comment is not against changes from the previous draft. For parameters that take one of the listed possible values, "of the form" is unneeded and confusing (and arguably wrong). This occurs several times, and is not even consistent.

*SuggestedRemedy*
Delete "of the form" in 96.2.3.1, 96.2.6.1, 96.2.7.1, 96.2.8.1, 96.2.10.1.

*Proposed Response*     *Response Status* **W**
PROPOSED ACCEPT.

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*Cl* **96**     *SC* **96.3**          *P* **44**          *L* **3**          # r02-84
RAN, ADEE                          Intel Corporation

*Comment Type* **T**     *Comment Status* **D**                         *EZ*
Acknowledging that this comment is not against changes from the previous draft.

The PCS Data Transmission Enable function, also a part of the PCS, is missing.

*SuggestedRemedy*
Insert "the PCS Data Transmission Enable, " between "PCS Reset" and "PCS Transmit".

Also, add a comma between "Transmit" and the final "and".

*Proposed Response*     *Response Status* **W**
PROPOSED ACCEPT.

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*Cl* **96**     *SC* **96.3.3.1.2**          *P* **48**          *L* **46**          # r02-85
RAN, ADEE                          Intel Corporation

*Comment Type* **E**     *Comment Status* **D**                         *EZ*
Acknowledging that this comment is not against changes from the previous draft.

The IPG doesn't "help" anything.

*SuggestedRemedy*
Change "helps to flush" to "enables flushing"

*Proposed Response*     *Response Status* **W**
PROPOSED ACCEPT.

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*Cl* **96**     *SC* **96.3.3.2**          *P* **50**          *L* **28**          # r02-86
RAN, ADEE                          Intel Corporation

*Comment Type* **ER**     *Comment Status* **D**                         *EZ*
Acknowledging that this comment is not against changes from the previous draft.

The sentence starting with "In the normal mode of operation" and ending with "the parameter tx_enable" is unclear and badly phrased.

What does "when between streams of data" mean? (tx_enable has the value false?)

A simple reference to the rules would be easier to understand.

*SuggestedRemedy*
Change this sentence to:

"In the normal mode of operation, the PCS Transmit generates sequences of vectors using the encoding rules defined for SEND_N in 96.3.3.3.7 and 96.3.3.3.8, according to the value of tx_enable.".

*Proposed Response*     *Response Status* **W**
PROPOSED ACCEPT.

---

*Cl* **96**     *SC* **96.3.3.2**          *P* **50**          *L* **33**          # r02-87
RAN, ADEE                          Intel Corporation

*Comment Type* **TR**     *Comment Status* **D**                         *EZ*
Acknowledging that this comment is not against changes from the previous draft.

PAM3 modulation occurs at all times, not just "until tx_enable is re-asserted".

The modulation is part of the PMA function and should not be stated for the PCS.

*SuggestedRemedy*
Delete "and these ternary symbols are converted to an analog signal using a PAM3 modulation scheme".

*Proposed Response*     *Response Status* **W**
PROPOSED ACCEPT.

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general          *Comment ID* **r02-87**          Page 11 of 13
COMMENT STATUS: D/dispatched  A/accepted  R/rejected     RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn                                 8/19/2015  12:12:44 PM
SORT ORDER: Comment ID

*Cl* **96**    *SC* **96.3.3.2**    *P* **50**    *L* **51**    # r02-88
RAN, ADEE    Intel Corporation

*Comment Type* **E**    *Comment Status* **D**    *EZ*
Acknowledging that this comment is not against changes from the previous draft.

Which of the following subsections? Help the readers find their way.

This comment was received after the close of ballot.

*SuggestedRemedy*
Change "in the following subsections" to "in 96.3.3.3.6".

*Proposed Response*    *Response Status* **W**
PROPOSED ACCEPT.

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*Cl* **96**    *SC* **96.3.3.2**    *P* **51**    *L* **2**    # r02-89
RAN, ADEE    Intel Corporation

*Comment Type* **E**    *Comment Status* **D**    *EZ*
Acknowledging that this comment is not against changes from the previous draft.

Which of the following subsections? Help the readers find their way.

This comment was received after the close of ballot.

*SuggestedRemedy*
Change "in the following subsections" to "in 96.3.3.3.5".

*Proposed Response*    *Response Status* **W**
PROPOSED ACCEPT.

---

*Cl* **96**    *SC* **96.3.3.2**    *P* **51**    *L* **3**    # r02-90
RAN, ADEE    Intel Corporation

*Comment Type* **E**    *Comment Status* **D**    *EZ*
Acknowledging that this comment is not against changes from the previous draft.

Signaled by "inserting an SSD" or "by an ESD" - inconsistent. On the receiving side, there is no insertion, and mode is signaled by the delimiter.

This comment was received after the close of ballot.

*SuggestedRemedy*
Delete "inserting".

*Proposed Response*    *Response Status* **W**
PROPOSED ACCEPT.

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*Cl* **96**    *SC* **96.3.3.2.3**    *P* **52**    *L* **45**    # r02-92
RAN, ADEE    Intel Corporation

*Comment Type* **E**    *Comment Status* **D**    *EZ*
Acknowledging that this comment is not against changes from the previous draft.

Non-uniform tabs in the list. Also in other timer definitions.

This comment was received after the close of ballot.

*SuggestedRemedy*
Format as necessary.

*Proposed Response*    *Response Status* **W**
PROPOSED ACCEPT IN PRINCIPLE.

See response to comment #r02-32.
The response to comment r02-32 is copied below for the convenience of the reader.

PROPOSED ACCEPT.

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*Cl* **96**    *SC* **96.3.3.3.4**    *P* **55**    *L* **18**    # r02-96
RAN, ADEE    Intel Corporation

*Comment Type* **E**    *Comment Status* **D**    *EZ*
Acknowledging that this comment is not against changes from the previous draft.

The conditions used in these definitions are not aligned correctly. Also, superfluous space in [1 :0].

This comment was received after the close of ballot.

*SuggestedRemedy*
Format and correct as necessary.

*Proposed Response*    *Response Status* **W**
PROPOSED ACCEPT.

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TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected    RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID    *Comment ID* **r02-96**    Page 12 of 13
8/19/2015  12:12:44 PM

*CI* **96**　　　*SC* **96.3.4.1**　　　　　*P* **59**　　　*L* **40**　　　# r02-98

RAN, ADEE　　　　　　　　　Intel Corporation

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

Acknowledging that this comment is not against changes from the previous draft.

Time is not less than a timer (a timer is a specified object).

This comment was received after the close of ballot.

*SuggestedRemedy*

Change "a timer specified by" to "the period specified for".

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

PROPOSED ACCEPT.

TYPE: TR/technical required  ER/editorial required  GR/general required  T/technical  E/editorial  G/general
COMMENT STATUS: D/dispatched  A/accepted  R/rejected　　RESPONSE STATUS: O/open  W/written  C/closed  U/unsatisfied  Z/withdrawn
SORT ORDER: Comment ID

*Comment ID*　**r02-98**　　　Page 13 of 13
8/19/2015  12:12:44 PM