Cl **44**   *SC* **44.1.3**   *P* **27**   *L* **3**   # **23**
Maguire, Valere   The Siemon Company

Comment Type **E**   *Comment Status* **D**   *Editorial*
Correct grammatical of the word "which"

SuggestedRemedy
Insert a comma after the last word coming before "which" in these locations: page 27 - line 3, page 35 - line 31, page 61 - line 8, page 69 - line 37, page 70 - line 2, page 80 - line 5, and page 90 - line 51.

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

Cl **45**   *SC* **45.2.3.72.5**   *P* **42**   *L* **15**   # **8**
Anslow, Pete   Ciena

Comment Type **E**   *Comment Status* **D**   *Editorial*
In the second line of text "8 octet" has been changed to "8-octet".
However, the text in the base standard is "8 octet".
If it is intended that this amendment changes "8 octet" to "8-octet" then this has to be shown with strikethrough and underline font, preferably with "8 octet" in strikethrough and "8-octet" in underline for clarity.

SuggestedRemedy
If it is intended that this amendment changes "8 octet" to "8-octet" then this has to be shown with strikethrough and underline font, preferably with "8 octet" in strikethrough and "8-octet" in underline for clarity.

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

Cl **45**   *SC* **45.2.3.75**   *P* **44**   *L* **3**   # **10**
Anslow, Pete   Ciena

Comment Type **E**   *Comment Status* **D**   *Editorial*
While the addition of the hyphen in "8-octet" is shown with underline, the removal of the space is not shown with strikethrough.

SuggestedRemedy
Show "8 octet" in strikethrough and "8-octet" in underline for clarity.

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

Cl **45**   *SC* **45.2.3.80.5**   *P* **49**   *L* **13**   # **139**
Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **D**   *Editorial*
There is a carriage return that shouldn't be there. This section should be a single paragraph.

SuggestedRemedy
Remove the carriage return after "behavior." to bring the following line into the same paragraph.

Proposed Response   *Response Status* **W**
PROPOSED REJECT.

In the BASE-T1 bits which are copies, the statement that the bit is a copy is set off by being its own paragraph for readability. See 45.2.3.69.1 and 45.2.3.69.2

Cl **149**   *SC* **149.1.3.3**   *P* **69**   *L* **15**   # **112**
Chen, Steven   Broadcom

Comment Type **TR**   *Comment Status* **D**   *Editorial*
The transmit transition to the LPI transmit mode is based on the TXD[31:0] of the XGMII, not in the last 64B/64B block of a RS frame.

SuggestedRemedy
Change "… an LPI control character in the last 64B/65B block of a Reed-Solomon frame." to "… an LPI control character in all four lanes of two consecutive transfers of TXD[31:0] that will be mapped into a single 64B/65B block."

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 Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **149**
SC **149.1.3.3**

Page 1 of 10
3/1/2019 5:42:37 PM

Cl **149**   *SC* **149.1.3.3**   *P* **69**   *L* **20**   # 148

Wienckowski, Natalie   General Motors

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

missing comma

SuggestedRemedy

Change: Periodically the transmit
To: Periodically, the transmit

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

(rewrite, removing need for the comma and improving clarity)
Change: Periodically the transmit function of the local PHY transmits refresh frames that are used by the link partner to update adaptive filters and timing circuits in order to maintain link integrity.

To: The transmit function of the local PHY periodically transmits refresh frames. These are used by the link partner to update adaptive filters and timing circuits in order to maintain link integrity.

Cl **149**   *SC* **149.2.2.1.1**   *P* **74**   *L* **48**   # 154

Wienckowski, Natalie   General Motors

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

We removed SEND_I, but didn't change the number of values to "three" from "four" in the text.

SuggestedRemedy

Change: four
To: three

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

Change: can take on one of the following four values of the form:

To: can take on one of the following values:

Cl **149**   *SC* **149.2.2.3**   *P* **76**   *L* **34**   # 114

Chen, Steven   Broadcom

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

Using XGMII instead.

SuggestedRemedy

Change "to represent GMII data and ..." to "to represent XGMII data and ..."
Suggest to search and replace it globally.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

Make the suggested change and also make this change on P148 L34.

Cl **149**   *SC* **149.3.2.2**   *P* **83**   *L* **37**   # 232

Zimmerman, George   CME:ADI,Aquantia,AP

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

aggregation into a superframe is not an option - it is written as if it were.

SuggestedRemedy

Change "In order to improve error correction capability, the PHY may aggregate L RS-FEC input frames into an interleaved RS-FEC input superframe."
to
"The PHY aggregates L RS-FEC input frames into an L-interleaved (L=1, 2, or 4) RS-FEC input superframe."

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **149**   *SC* **149.3.2.2.15**   *P* **91**   *L* **15**   # 233

Zimmerman, George   CME:ADI,Aquantia,AP

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

"This may be computed". "may" is a special word for "is permitted to". In this case, it is describing an implementation.

SuggestedRemedy

Change "may" to "can"

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 Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **149**
SC **149.3.2.2.15**

Page 2 of 10
3/1/2019 5:42:41 PM

Cl **149**   *SC* **149.3.2.2.16**   *P* **94**   *L* **19**   # 96
Tu, Mike   Broadcom

Comment Type **TR**   *Comment Status* **D**   *Editorial*
Wrong indices. "m_L" should be "m_0" at both the input and the output of the Lth encoder.

SuggestedRemedy
Change "m_L" to "m_0" at bot the input and the output of the Lth RS Encoder.

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

Cl **149**   *SC* **149.3.2.2.16**   *P* **94**   *L* **19**   # 117
Chen, Steven   Broadcom

Comment Type **TR**   *Comment Status* **D**   *Editorial*
The last message symbol of the input message symbols should be m0, not mL.

SuggestedRemedy
In the input message symbols, change "mL" to "m0".

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

Cl **149**   *SC* **149.3.2.2.16**   *P* **94**   *L* **19**   # 266
Wei, Dong   Futurewei Technologie

Comment Type **ER**   *Comment Status* **D**   *Editorial*
Typo

SuggestedRemedy
Change "mL" to "m0"; Figure 149-10, at the RS Encoder #L, the input and output mL
should be m0.

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

Cl **149**   *SC* **149.3.2.2.20**   *P* **96**   *L* **3**   # 98
Tu, Mike   Broadcom

Comment Type **TR**   *Comment Status* **D**   *Editorial*
"P(r,t)" probably should be "P(u)"

SuggestedRemedy
Replace "P(r,t)" on line 3 and line 6 by "P(u)"

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

Cl **149**   *SC* **149.3.2.3**   *P* **97**   *L* **28**   # 188
Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **D**   *Editorial*
Add comma for readability.

SuggestedRemedy
Change: monitors the signal quality asserting hi_rfer if excessive
To: monitors the signal quality, asserting hi_rfer if excessive

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

Change: monitors the signal quality asserting hi_rfer if excessive RS-FEC frame errors are
detected.

To: monitors the signal quality and asserts hi_rfer to indicate excessive RS-FEC frame
errors.

Cl **149**   *SC* **149.3.2.3**   *P* **97**   *L* **38**   # 86
Tu, Mike   Broadcom

Comment Type **TR**   *Comment Status* **D**   *Editorial*
There are 450 PAM2 symbols per partial frame.

SuggestedRemedy
Within the highlighted text, change "180" to "450". Then remove the highlights.

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

Cl **149**   *SC* **149.3.2.3**   *P* **97**   *L* **38**   # 277
McClellan, Brett   Marvell

Comment Type **T**   *Comment Status* **D**   *Editorial*
according to 149.3.4.1, alignment bits are placed every 450 symbols.

SuggestedRemedy
Change 80 to 450.

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

Change: 180

To: 450

Changing 80 to 450 would yield 1450 which is not what is desired here.

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 Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **149**   Page 3 of 10
SC **149.3.2.3**   3/1/2019 5:42:41 PM

Cl **149**   *SC* **149.3.4**   *P* **98**   *L* **47**   # 237
Zimmerman, George   CME:ADI,Aquantia,AP

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

"PMA training side-stream scrambler polynomials" - these are also used in data mode. They're not just for breakfast anymore.

SuggestedRemedy

Delete "PMA Training" so that the header for 149.3.4 reads "Side-stream scrambler polynomials"

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **149**   *SC* **149.3.4.1**   *P* **99**   *L* **37**   # 305
den Besten, Gerrit   NXP Semiconductors

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

"alignment to the RS-FEC block and the 16 partial PHY frames that comprise the block" "block" is confusing here as block is used in the context of 64B/65B block encoding. What is meant here is PAM2 training sequence with the length of 4 RS frames. I think this is called super-frame.

SuggestedRemedy

Replace by: "alignment to the RS-FEC super-frame comprising 16 partial PHY frames"

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

Change: alignment to the RS-FEC block and the 16 partial PHY frames that comprise the block

To: alignment to the RS-FEC super-frame comprised of 16 partial PHY frames

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Cl **149**   *SC* **149.3.5**   *P* **100**   *L* **34**   # 32
Benyamin, Saied   Aquantia

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

We space alerts so they do not overlap by forcing their start times. It is more clear to refer to alert start time as opposed to alert signal. Also in the same sentence we refert to the link partner. See following text and changes in bold on the right
lpi_offset is a fixed value equal to lpi_qr_time / 2 + 4 (52 RS-FEC frame periods) that is used to ensure refresh signals and alert signals are appropriately offset by the link partner's.

SuggestedRemedy

lpi_offset is a fixed value equal to lpi_qr_time / 2 + 4 (52 RS-FEC frame periods) that is used to ensure refresh signals and alert start times are appropriately offset from the link partner's.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

Change "alert signals" to "alert start times" on P100 L34.

Cl **149**   *SC* **149.3.6.2.2**   *P* **102**   *L* **49**   # 24
Maguire, Valere   The Siemon Company

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

Consistency with other text in clause

SuggestedRemedy

Replace "which" with "that"

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **149**   Page 4 of 10
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed Z/withdrawn   *SC* **149.3.6.2.2**   3/1/2019 5:42:41 PM
SORT ORDER: Clause, Subclause, page, line

Cl **149**   *SC* **149.3.6.2.4**   *P* **105**   *L* **25**   # 199
Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **D**   *Editorial*
awkward wording

SuggestedRemedy
Change: belonging to the eight types
To: belonging to one of the eight types
Also on page 106, line 11

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

Change: belonging to the eight types

To: belonging to one or more of the eight types

Also on page 106, line 11

Cl **149**   *SC* **149.3.7.3**   *P* **112**   *L* **50**   # 93
Tu, Mike   Broadcom

Comment Type **TR**   *Comment Status* **D**   *Editorial*
Change "TBD" to "65B RS-FEC"

SuggestedRemedy
Change "TBD" to "65B RS-FEC"

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

Cl **149**   *SC* **149.3.7.3**   *P* **112**   *L* **50**   # 306
den Besten, Gerrit   NXP Semiconductors

Comment Type **T**   *Comment Status* **D**   *Editorial*
TBD

SuggestedRemedy
Replace "TBD encoded" with "encoded transmit data"

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

Change "TBD" to "65B RS-FEC"

Cl **149**   *SC* **149.3.7.3**   *P* **112**   *L* **50**   # 224
Zimmerman, George   CME:ADI,Aquantia,AP

Comment Type **E**   *Comment Status* **D**   *Editorial*
"a continuous stream of TBD encoded PAM 4 symbols" - the missing word is "RS-FEC"

SuggestedRemedy
Replace "TBD" with "RS-FEC"

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

Change "TBD" to "65B RS-FEC"

Cl **149**   *SC* **149.3.8**   *P* **113**   *L* **14**   # 121
Chen, Steven   Broadcom

Comment Type **E**   *Comment Status* **D**   *Editorial*
The OAM10 is not defined.

SuggestedRemedy
Change "the OAM10 field" to "the OAM 10-bit field"
Also replace the same issue in page 113 line 30.

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

Cl **149**   *SC* **149.3.8.2.1**   *P* **114**   *L* **38**   # 308
den Besten, Gerrit   NXP Semiconductors

Comment Type **E**   *Comment Status* **D**   *Editorial*
"full OAM frame can packed into 8 super frames in the 2x interleave mode, and into 4 super frames in the 4x interleave mode"

SuggestedRemedy
"full OAM frame can be packed into 8 super frames in the 2x interleaved mode, and into 4 super frames in the 4x interleaved mode"

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

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **149**   Page 5 of 10
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed Z/withdrawn   *SC* **149.3.8.2.1**   3/1/2019 5:42:41 PM
SORT ORDER: Clause, Subclause, page, line

Cl **149**   *SC* **149.3.8.2.1**   *P* **114**   *L* **41**   # 235

Zimmerman, George   CME:ADI,Aquantia,AP

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

"it may be possible". "may" means "it is permitted to" - "it is permitted to be possible" doesn't really make sense. If it is, indeed possible, "it is possible", if we are unsure, let's figure it out! (in 2 places, also on line 44)

SuggestedRemedy

Change "it may be possible" to "it is possible" on lines 41 and 44

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **149**   *SC* **149.3.8.2.12**   *P* **117**   *L* **31**   # 122

Chen, Steven   Broadcom

Comment Type **TR**   *Comment Status* **D**   *Editorial*

The definition of "not receiving transmit messaged from the MAC" needs to be clarified.

SuggestedRemedy

Change "… not receiving transmit messaged from the MAC" to "… not receiving valid transmit message from the MAC"

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **149**   *SC* **149.3.8.2.13**   *P* **118**   *L* **14**   # 202

Wienckowski, Natalie   General Motors

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

subject/verb agreement

SuggestedRemedy

Change: The RS(16, 14) parity symbols is indicated
To: The RS(16, 14) parity symbols are indicated

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **149**   *SC* **149.3.8.2.14**   *P* **118**   *L* **41**   # 205

Wienckowski, Natalie   General Motors

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

missing periods

SuggestedRemedy

Add periods at the end of the a) and b) statements.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

(change is on page 119, and a) and b) are not sentences.

Change: a) RS(16, 14) uncorrectable error
b) Uncorrectable PHY frame on any of the 16 symbols

To: a) RS(16, 14) contains an uncorrectable error, or
b) there is an uncorrectable PHY frame on any of the 16 symbols.

Cl **149**   *SC* **149.3.8.2.14**   *P* **119**   *L* **39**   # 47

Lo, William   Axonne Inc.

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

Title heading incorrect

SuggestedRemedy

Delete 1000BASE-T1

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

Change: 1000BASE-T1

To: BASE-T1

Cl **149**   *SC* **149.3.8.2.15**   *P* **119**   *L* **48**   # 236

Zimmerman, George   CME:ADI,Aquantia,AP

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

"that may cause the PHY" - it appears "can cause the PHY" would be more appropriate. This is neither permission nor option. Occurs 2 times, also on line 51.

SuggestedRemedy

Change "may" to "can" on lines 48 & 51

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **149**   Page 6 of 10
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed Z/withdrawn   *SC* **149.3.8.2.15**   3/1/2019 5:42:41 PM
SORT ORDER: Clause, Subclause, page, line

Cl **149**   *SC* **149.3.8.4.3**   *P* **126**   *L* **47**   # 214
Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **D**   *Editorial*
missing periods

SuggestedRemedy
Add period at the end of the 0 and 1 sentences.

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

Change: "0: BASE-T1 OAM message not received and read by the link partner
1: BASE-T1 OAM message received by the link partner"
to: "0: BASE-T1 OAM message was not received and read by the link partner.
1: BASE-T1 OAM message was received by the link partner."

Cl **149**   *SC* **149.3.8.4.3**   *P* **127**   *L* **11**   # 215
Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **D**   *Editorial*
improve wording to match other statements

SuggestedRemedy
Change: Don't send request to link partner…
To: Don't request link partner...

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

Change: false: Don't send request to link partner to clear their REC counter.

To: false: Don't request link partner to clear its REC counter.

Cl **149**   *SC* **149.3.8.4.3**   *P* **127**   *L* **12**   # 216
Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **D**   *Editorial*
improve wording to match other statements

SuggestedRemedy
Change: Send request to link partner…
To: Request link partner...

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

Change: true: Send request to link partner to clear their REC counter.

To: true: Request link partner to clear its REC counter.

Cl **149**   *SC* **149.3.8.4.3**   *P* **127**   *L* **43**   # 163
Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **D**   *Editorial*
missing periods

SuggestedRemedy
Add periods at the end of both "Values" sentences.

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

Add periods at the end of both values, and editorial license to add periods at the end of other Values in 149.3.8.4.3 which may be lacking and are complete sentences (e.g., P127 L21 & 22)

Cl **149**   *SC* **149.3.8.4.3**   *P* **127**   *L* **49**   # 164
Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **D**   *Editorial*
missing period

SuggestedRemedy
Add period at end of "Good" sentence.

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

This is not a sentence.

Remove period at the end of the "BAD" statement as it is not a sentence.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **149**   Page 7 of 10
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed Z/withdrawn   *SC* **149.3.8.4.3**   3/1/2019 5:42:41 PM
SORT ORDER: Clause, Subclause, page, line

Cl **149**	*SC* **149.3.8.4.3**	*P* **128**	*L* **19**	# **165**

Wienckowski, Natalie   General Motors

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

missing periods

SuggestedRemedy

Add periods at the end of both "Values" sentences.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

Change: false: transmit stream not at a boundary end
true: transmit stream at a boundary end

To: false: transmit stream is not at a boundary end.
true: transmit stream is at a boundary end.

Cl **149**	*SC* **149.3.8.4.3**	*P* **129**	*L* **20**	# **166**

Wienckowski, Natalie   General Motors

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

missing periods

SuggestedRemedy

Add periods at the end of all 4 "Values" sentences.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **149**	*SC* **149.3.8.4.3**	*P* **129**	*L* **33**	# **167**

Wienckowski, Natalie   General Motors

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

missing periods

SuggestedRemedy

Add periods at the end of both "Values" sentences.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

Change: false: transmit stream not at a boundary end
true: transmit stream at a boundary end

To: false: transmit stream is not at a boundary end.
true: transmit stream is at a boundary end.

Cl **149**	*SC* **149.3.8.4.4**	*P* **130**	*L* **17**	# **51**

Lo, William   Axonne Inc.

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

rx_cnt incorrectly defined

SuggestedRemedy

Change:
A count of received OAM frames
To:
A count of received OAM frame symbols

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.

Change:
A count of received OAM frames.
To:
A count of received OAM frame symbols.

Cl **149**	*SC* **149.4.2.2.1**	*P* **135**	*L* **26**	# **172**

Wienckowski, Natalie   General Motors

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

improve wording by removing an extra "transmitter".

SuggestedRemedy

Change: When the PMA_transmit_disable variable is set to true, this function shall turn off the transmitter so that the transmitter Average Launch Power of the Transmitter is less than –53 dBm.
To: When the PMA_transmit_disable variable is set to true, this function shall turn off the transmitter so that the Average Launch Power of the Transmitter is less than –53 dBm.

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 Z/withdrawn
SORT ORDER: Clause, Subclause, page, line

Cl **149**
SC **149.4.2.2.1**

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3/1/2019 5:42:41 PM

Cl **149**   *SC* **149.4.2.4.2**   *P* **137**   *L* **3**   # 175
Wienckowski, Natalie   General Motors

Comment Type **T**   *Comment Status* **D**   *Editorial*
   The SOF is 3 octets, not 4. Also, fix subject/verb agreement.

SuggestedRemedy
   Change: The start of Frame Delimiter consist of 4 octets [Octet 1<7:0>, Octet 2<7:0>, Octet 3<7:0>]
   To: The start of Frame Delimiter consists of 3 octets [Octet 1<7:0>, Octet 2<7:0>, Octet 3<7:0>]

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

   Change: The start of Frame Delimiter consist of 4 octets [Octet 1<7:0>, Octet 2<7:0>, Octet 3<7:0>]
   To: The start of Frame Delimiter consists of three octets [Octet 1<7:0>, Octet 2<7:0>, Octet 3<7:0>]

Cl **149**   *SC* **149.4.2.4.4**   *P* **137**   *L* **15**   # 176
Wienckowski, Natalie   General Motors

Comment Type **E**   *Comment Status* **D**   *Editorial*
   Not a sentence

SuggestedRemedy
   Change: Message Field (1 octet).
   To: The Message Field is 1 octet.

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

   Change: Message Field (1 octet).
   To: The Message Field is one octet.

Cl **149**   *SC* **149.4.2.4.5**   *P* **138**   *L* **42**   # 238
Zimmerman, George   CME:ADI,Aquantia,AP

Comment Type **T**   *Comment Status* **D**   *Editorial*
   "data mode precoder" - it's used in training as well. It is not just for data mode.

SuggestedRemedy
   Change "data mode precoder" to "requested precoder"

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

Cl **149**   *SC* **149.4.2.5**   *P* **141**   *L* **32**   # 125
Chen, Steven   Broadcom

Comment Type **ER**   *Comment Status* **D**   *Editorial*
   Use the Link Synchronization when AN is disabled.

SuggestedRemedy
   Change the "synchronization ..." to "Link Synchronization ...".

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

Cl **149**   *SC* **149.5.1**   *P* **152**   *L* **7**   # 243
Zimmerman, George   CME:ADI,Aquantia,AP

Comment Type **E**   *Comment Status* **D**   *Editorial*
   Table 149-12 - the highlighted text is correct,

SuggestedRemedy
   Remove highlighting on Test mode descriptions for modes 1, 5 and 7 in Table 149-12

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

Cl **149**   *SC* **149.7.1.1**   *P* **158**   *L* **27**   # 249
Wei, Dong   Futurewei Technologie

Comment Type **ER**   *Comment Status* **D**   *Editorial*
   Typo

SuggestedRemedy
   Delete the unit of "MHz", Fmax is just the number.

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

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **149**   Page 9 of 10
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed Z/withdrawn   *SC* **149.7.1.1**   3/1/2019 5:42:41 PM
SORT ORDER: Clause, Subclause, page, line

Cl **149**   *SC* **149.7.1.3**   *P* **160**   *L* **38**   # 255
Wei, Dong   Futurewei Technologie

Comment Type **ER**   *Comment Status* **D**   *Editorial*
typo

SuggestedRemedy
Change "N=1" to "N=1" in the equation (149-23)

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

Change "N = 1" to "N = 1 curve which is equivalent to equation (149-19)."

Cl **149A**   *SC* **149A.2**   *P* **169**   *L* **26**   # 260
Wei, Dong   Futurewei Technologie

Comment Type **ER**   *Comment Status* **D**   *Editorial*
Typo

SuggestedRemedy
Change "23°C ± 5°C" to "23 ± 5°C"

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

Cl **various** *SC* **various**   *P* **0**   *L* **0**   # 42
Benyamin, Saied   Aquantia

Comment Type **G**   *Comment Status* **D**   *Editorial*
There are a zillion places where 1000Base-T1 is mentioned; on some, we have crossed out the "1000"

SuggestedRemedy
They all need to change to MGBase-T1

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

OAM registers used for both 1000BASE-T1 and MultiGBASE-T1 are named BASE-T1.

The following are the places where "1000" does not have strikethrough but it should.

P119 L38, P127 L35

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Cl* **various**   Page 10 of 10
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed Z/withdrawn   *SC* **various**   3/1/2019 5:42:41 PM
SORT ORDER: Clause, Subclause, page, line