Cl  00 SC  FM  P 13  L 42  #  r01-1
Anslow, Peter  Ciena Corporation

Comment Type:  E  Comment Status:  A
Comment:
http://www.ieee802.org/3/WG_tools/editorial/requirements/words.html has:
Physical Layer (always capped)

Suggested Remedy
Change "physical layer" to "Physical Layer"

Response
Response Status:  C
ACCEPT IN PRINCIPLE.
Also in the following locations:
Cl  P  In
FM  3  1
56.1.3  73 37
102.2.1.248 20
102.3.1 264  3

Cl  FM  SC  FM  P 27  L 16  #  r01-2
Anslow, Peter  Ciena Corporation

Comment Type:  E  Comment Status:  A
Page 27 does not reflect the latest version of the 802.3 boilerplate.

Suggested Remedy
Change "Implementors" to "Implementers".

Response
Response Status:  C
ACCEPT.

Cl  1 SC  1.3  P 29  L 17  #  r01-4
Anslow, Peter  Ciena Corporation

Comment Type:  E  Comment Status:  A
(Page number from CMP version)
In the editing instruction, "reference" should be "references"

Suggested Remedy
Change "reference" to "references"

Response
Response Status:  C
ACCEPT.

Cl  1 SC  1.4.144a  P 29  L 46  #  r01-5
Anslow, Peter  Ciena Corporation

Comment Type:  E  Comment Status:  A
(Page number from CMP version)
In the editing instruction, there is a spurious extra ":"

Suggested Remedy
Change to "Clocked Violation LO (CVL)"

Response
Response Status:  C
ACCEPT.

Cl  1 SC  1.4.345a  P 30  L 45  #  r01-6
Anslow, Peter  Ciena Corporation

Comment Type:  E  Comment Status:  A
(Page number from CMP version)
Now that 1.4.345b has been removed, in the editing instruction, "definitions" should be "definition"

Suggested Remedy
Change "definitions" to "definition"

Response
Response Status:  C
ACCEPT.

Cl  1 SC  1.2.7  P 29  L  6  #  r01-3
Anslow, Peter  Ciena Corporation

Comment Type:  E  Comment Status:  A
(Page number from CMP version)
unusual editing instruction

Suggested Remedy
Change to: "Insert 1.2.7 after 1.2.6 "Accuracy and resolution of numerical quantities"."

Response
Response Status:  C
ACCEPT.
Comment Type: E
Comment Status: A
Clause order

The order of IEEE 802.3 amendments is to have all annexes after all clauses (as it was in D3.0), as shown in the 802.3 FrameMaker template. In D3.1, Annex A and Annex 31A are interleaved with the clauses. Why was this change made?

Suggested Remedy
Move Annex A and Annex 31A to be after Clause 103

Response
Response Status: C

ACCEPT IN PRINCIPLE.

REVISED
per comment and modify Editor Instruction on Pg 81 line 1 to per Staff editors input read:
"Insert new clauses 100, 101, 102, and 103 as follows:"

At the beginning of Annex 100A insert Editor Instruction: "Insert new Annex 100A as follows:"

Table 45-3

Comment Type: E
Comment Status: A

The text '(For 10BROAD36,' should not be shown in underscore as this text was added by IEEE P802.3by.

Suggested Remedy
See comment.

Response
Response Status: C

ACCEPT IN PRINCIPLE.

REVISED
per comment but also don't show "sSee" in mark-up as "See" was changed to "see" by P802.3by also.
Final version:
1.4.134 channel: In 10BROAD36 <uline>and 10GPASS-XR, </uline>a band of frequencies dedicated to a certain service transmitted on the broadband medium. Otherwise, a defined path along which data in the form of an electrical or optical signal passes. (For 10BROAD36, see IEEE Std 802.3, Clause 11<uline>, for 10GPASS-XR see Clause 100, Clause 101, and Clause 102<uline>.)
<table>
<thead>
<tr>
<th>Comment ID</th>
<th>SC</th>
<th>P</th>
<th>L</th>
<th>Response Status</th>
<th>Comment Type</th>
<th>Comment Status</th>
<th>Suggested Remedy</th>
<th>Response Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>r01-11</td>
<td>100.3.1</td>
<td>88</td>
<td>21</td>
<td>C</td>
<td>E</td>
<td>A</td>
<td>The reference in the following statement should be 101.4.4.4.4. &quot;The CNU reports supported optional modulations to the CLT via US_ModAbility variable see 101.4.3.4.5&quot;</td>
<td>ACCEPT.</td>
</tr>
<tr>
<td>r01-12</td>
<td>101.3.2.5.4</td>
<td>151</td>
<td>13</td>
<td>C</td>
<td>T</td>
<td>A</td>
<td>Step 1) Add burst start marker and Step 9) Add burst end marker do not happen in FEC encoding. They are part of PMA.</td>
<td>ACCEPT IN PRINCIPLE. REVISED</td>
</tr>
<tr>
<td>r01-13</td>
<td>FM</td>
<td>66</td>
<td>41</td>
<td>C</td>
<td>E</td>
<td>A</td>
<td>Extra period at end of line. &quot;shown in Table 45-211f.&quot;</td>
<td>ACCEPT.</td>
</tr>
<tr>
<td>r01-14</td>
<td>00</td>
<td>31</td>
<td>1</td>
<td>C</td>
<td>E</td>
<td>A</td>
<td>Amendment number has been set by Mr. Law</td>
<td>ACCEPT IN PRINCIPLE. Change to &quot;Amendment 5-&quot; per updated email from the WG Chair. Add Amendment 5- regarding 802.3br</td>
</tr>
<tr>
<td>r01-15</td>
<td>0</td>
<td>31</td>
<td>1</td>
<td>C</td>
<td>ER</td>
<td>A</td>
<td>Clauses mis-ordered</td>
<td>ACCEPT.</td>
</tr>
</tbody>
</table>

Bin is defined in step 2: "the number of available 65-bit blocks (Bin)". Change the number step text to read as follows:

1) If the number of available 65-bit blocks (Bin) is sufficient to fill a long FEC codeword (BQ = 220), create a long FEC codeword. If Bin >= 220 is true repeat step 1.
2) If 220 > Bin >= 101, create a shortened long FEC codeword.
3) If 101 > Bin >= 76, create a medium FEC codeword.
4) If 76 > Bin >= 25, create a shortened medium FEC codeword.
5) If 25 > Bin >= 12, create a short FEC codeword. If Bin >= 12 is true repeat step 5.
6) If 12 > Bin >= 1, create a shortened short FEC codeword.
<table>
<thead>
<tr>
<th>Cl</th>
<th>SC</th>
<th>P</th>
<th>L</th>
<th>Comment ID</th>
<th>Comment Type</th>
<th>Comment Status</th>
<th>Suggested Remedy</th>
<th>Response</th>
<th>Response Status</th>
<th>Comment ID</th>
<th>Comment Type</th>
<th>Comment Status</th>
<th>Suggested Remedy</th>
<th>Response</th>
<th>Response Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>100.3.3.1</td>
<td>91</td>
<td>23</td>
<td>r01-16</td>
<td>TR</td>
<td>A</td>
<td>Change “product” to “accumulation”</td>
<td>As per comment</td>
<td>ACCEPT.</td>
<td></td>
<td>100</td>
<td>100.3.4.4.3</td>
<td>105</td>
<td>49</td>
<td>r01-17</td>
</tr>
</tbody>
</table>
Comment Type: TR

Layer violation. Insertion of the start/stop burst markers is performed by the symbol mapper in the PMA.

Suggested Remedy

Remove steps 1) and 12)

Response

This comment was WITHDRAWN by the commenter.

Comment Type: TR

Change "uses" to "can use". CLT needs to ensure that it meets a desired confidence interval provided by the manufacture. For example, the statement as written would permit the CLT to use only one upstream probe symbol, which would not create confidence.

Suggested Remedy

As per comment

Response

ACCEPT.

Comment Type: TR

Change ":" to "and for" remove newline. Add a colon to the end of the sentence. Adjust row/line alignments.

Suggested Remedy

As per comment

Response

ACCEPT.

Comment Type: TR

Bin is not defined. Looping may not be correct as drafted, i.e., should continue looping until not enough for a long codeword, move to next tests, etc. The text here should not be confused with the state machine/pseudo code used in 101.3.2.5.7, and should remain in its prior descriptive format.

Suggested Remedy

Revert to previous text, lines 13 through 39.

Response

ACCEPT IN PRINCIPLE.

REVISED

Bin is defined in step 2: "the number of available 65-bit blocks (Bin)". Change the number step text to read as follows:

1) If the number of available 65-bit blocks (Bin) is sufficient to fill a long FEC codeword (BQ = 220), create a long FEC codeword. If Bin >= 220 is true repeat step 1.
2) If 220 > Bin >= 101, create a shortened long FEC codeword.
3) If 101 > Bin >= 76, create a medium FEC codeword.
4) If 76 > Bin >= 25, create a shortened medium FEC codeword.
5) If 25 > Bin >= 12, create a short FEC codeword. If Bin >= 12 is true repeat step 5.
6) If 12 > Bin >= 1, create a shortened short FEC codeword.

Comment Type: E

Format problem?

Suggested Remedy

There does not appear to be a space after subclause number, make style the same as other definitions.

Response

ACCEPT.
IEEE 802.3bn EPON Protocol over Coax (EPoC) TF 1st Sponsor recirculation ballot comments

Draft 3.1

Comment ID: r01-27

Cl  45  SC 45.2.1  P 38  L 17  #
Grow, Robert  RMG Consulting

Comment Type: TR  Comment Status: A  Table 45-3

Incorrect base text for Table 45-3. IEEE Std 802.3bw-2015 has 1.17 listed as a single reserved row because 802.3bw defined 1.18. No need to change reserved rows except 1.17. The new reserved row in this draft also conflicts with definition of 1.19 in P802.3by.

Suggested Remedy:
Change editorial instruction to simply read, Change the 1.17 row of Table 45-3 (as modified by IEEE Std 802.3bw) as shown below. Only show 1.17 row in Table 45-3 changes with Reserved in strikethrough and new register name and subclause underscore.

Response  Response Status: C
ACCEPT IN PRINCIPLE.
See suggested remedy (copied below) to accepted comment r01-8.

Response  Response Status: C
ACCEPT IN PRINCIPLE.
Change the editing instruction to: "Change the reserved row for 1.17 in Table 45-3 (as inserted by IEEE Std 802.3bw-2015) as follows (unchanged rows not shown):"
in the row for 1.17 add "Reserved" in strikethrough font and underline "EPoC PMA/PMD ability" in the "Register name" column, underline "45.2.1.14aa" and remove the row below.

Comment ID: r01-28

Cl  45  SC 45.2.1  P 39  L 1  #
Grow, Robert  RMG Consulting

Comment Type: TR  Comment Status: A  Table 45-3

Incorrect base text for Table 45-3. IEEE Std 802.3bw-2015 has changed the reserved row in 802.3-2015 (what is included in the current draft) to define registers starting at 1.2100.

Suggested Remedy:
The 32767 should be 2099 in first (strikethrough text) and last (plain text) row of the changes. Add ("as modified by IEEE Std 802.3bw") to the editing instruction to indicate where the correct base text is found.

Response  Response Status: C
ACCEPT IN PRINCIPLE.
See suggested remedy (copied below) to accepted comment r01-09.

Response  Response Status: C
ACCEPT IN PRINCIPLE.
Change the editing instruction to: "Change the reserved row for 1.1809 through 1.2099 in Table 45-3 (as inserted by IEEE Std 802.3bw-2015) as follows (unchanged rows not shown):"
in the first row change the strikethrough text to "2099"
in the last row change "1.1959 through 1.32767" to "1.1959 through 1.2099"

Comment ID: r01-29

Cl  45  SC 45.21.131b6  P 61  L 49  #
Grow, Robert  RMG Consulting

Comment Type: ER  Comment Status: D

Sections jump from 45.2.1.130z5 for register 1.1948 to 45.2.1.1301b6 for register 1.1949.
Table numbers jump from 45-98az5 to 45-99a01.

Suggested Remedy:
Fix to be consecutive with the required convoluted numbering.

Proposed Response  Response Status: Z
REJECT.

This comment was WITHDRAWN by the commenter.

Comment ID: r01-30

Cl  45  SC 45  P  L  #
Grow, Robert  RMG Consulting

Comment Type: E  Comment Status: R

Verify the remainder of the numbering.

Suggested Remedy:
Per comment
REJECT.
Standards are professionally edited by IEEE editors prior to publication.

Comment ID: r01-31

Cl  00  SC 0  P  L  #
Grow, Robert  RMG Consulting

Comment Type: G  Comment Status: A

You may mark all my D3.0 comments as satisfied as remaining errors are covered by comments on D3.1

Suggested Remedy:

Response  Response Status: C
ACCEPT IN PRINCIPLE.
REvised
Thank you for this input.