| Cl 91 SC 91 P 89 L 5 # I-4 | 0 C/ 91 | SC 91.7.3 | P 92 | L 41 | # I-165 |
|---|--|--|--|--|---|
| Ran, Adee Cisco Systems, Inc. | Dawe, P | | NVIDIA | | " 1105 |
| Comment Type E Comment Status D | (bucket1) Commer | | Comment Status D | | (bucket1) |
| The amendment of clause 91 has subclauses under 91.5 and 91.5.2 without the hierarchy. It is common to include the full hierarchy of each amended subclause. | full Ther 1000 | e is a "major cap BASE-CR1, or | ability/option" "RS-FEC-Int is 100GBASE-KR1 PHY". clause or in 161 to justify thi | | (|
| SuggestedRemedy | | edRemedy | | | |
| Add headings for: 91.5 Functions within the RS-FEC sublayer | 00 | | state which PHY types use t | he RS-FEC-Int | |
| 91.5.2 Transmit function | | d Response | | | |
| Proposed Response Response Status W PROPOSED ACCEPT. | PRC | POSED ACCEP | Response Status W T IN PRINCIPLE. that it is named *KP1, with t | feature "100GBA | SE-CR1. or 100GBASE- |
| C/ 91 SC 91.5.3.3 P 89 L 31 # [-4 | KR1 | PHY", with subc | lause cell blank, and existing | value/comment. | Move this row so it |
| Ran, Adee Cisco Systems, Inc. | Gila | 0 | | | |
| Comment Type ER Comment Status D | (bucket1) Cl 161 | SC 161 | P 133 | L 4 | # 1-8 |
| The amended text in this paragraph refers to "This option", without stating what o is (it is the option to bypass error correction) | option it Nicholl, | Shawn | Xilinx | | |
| is (it is the option to bypass end correction) | • | (T | Comment Status D | | (bucket1) |
| | Commer | t Type E | | | (DUCKELT) |
| It would be easier for readers to understand the requirement if the option is stated | d explicitly. The | latest P802.3/D3 | .0 (i.e. 802.3dc) nows uses le ercase was used. | owercase "forwar | () |
| | d explicitly. The when | latest P802.3/D3 e previously upp edRemedy | .0 (i.e. 802.3dc) nows uses le ercase was used. | | d error correction", |
| SuggestedRemedy Include the entire third paragraph from the base document. In 802.3dc the text is: The Reed-Solomon decoder may provide the option to perform error detection wi error correction to reduce the delay contributed by the RS-FEC sublayer. The pre | d explicitly. The when Suggesta For l ithout esence of Also | latest P802.3/D3 e previously upp edRemedy P802.3ck, propos , within the text b | .0 (i.e. 802.3dc) nows uses le ercase was used. The to change the Clause 161 ody of Clause 161 propose t | title to lower case o change to lowe | d error correction", |
| SuggestedRemedy Include the entire third paragraph from the base document. In 802.3dc the text is The Reed-Solomon decoder may provide the option to perform error detection wi | d explicitly. The when Suggeste For l ithout esence of Also riable (see when Propose of the text | latest P802.3/D3 e previously upp edRemedy P802.3ck, propos , within the text b | .0 (i.e. 802.3dc) nows uses le ercase was used. The to change the Clause 161 ody of Clause 161 propose to Correction" is currently foun Response Status W | title to lower case o change to lowe | d error correction", |
| SuggestedRemedy Include the entire third paragraph from the base document. In 802.3dc the text is: The Reed-Solomon decoder may provide the option to perform error detection wi error correction to reduce the delay contributed by the RS-FEC sublayer. The pre this option is indicated by the assertion of the FEC_bypass_correction_ability var 91.6.8). When the option is provided, it is enabled by the assertion of the FEC_bypass_correction_enable variable (see 91.6.1). This option <remainder of<br="">as in D3.0> Proposed Response Response Status W</remainder> | d explicitly. The when Suggeste For l ithout esence of Also riable (see when Propose of the text | atest P802.3/D3 e previously upp edRemedy P802.3ck, propos , within the text b e "Forward Error d Response | .0 (i.e. 802.3dc) nows uses le ercase was used. The to change the Clause 161 ody of Clause 161 propose t Correction" is currently foun <i>Response Status</i> W T. | title to lower case o change to lowe | d error correction", |
| SuggestedRemedy Include the entire third paragraph from the base document. In 802.3dc the text is: The Reed-Solomon decoder may provide the option to perform error detection wi error correction to reduce the delay contributed by the RS-FEC sublayer. The pre this option is indicated by the assertion of the FEC_bypass_correction_ability var 91.6.8). When the option is provided, it is enabled by the assertion of the FEC_bypass_correction_enable variable (see 91.6.1). This option <remainder of<br="">as in D3.0></remainder> | d explicitly. The when when it it hout esence of Also riable (see when of the text Propose of the text PRC | Alatest P802.3/D3 e previously upp edRemedy P802.3ck, propos , within the text b e "Forward Error d Response POSED ACCEP SC 161.5.2 | .0 (i.e. 802.3dc) nows uses le ercase was used. e to change the Clause 161 ody of Clause 161 propose t Correction" is currently foun <i>Response Status</i> W T. | title to lower case o change to lowe d. <i>L</i> 46 | d error correction", |
| SuggestedRemedy Include the entire third paragraph from the base document. In 802.3dc the text is: The Reed-Solomon decoder may provide the option to perform error detection wi error correction to reduce the delay contributed by the RS-FEC sublayer. The pre this option is indicated by the assertion of the FEC_bypass_correction_ability var 91.6.8). When the option is provided, it is enabled by the assertion of the FEC_bypass_correction_enable variable (see 91.6.1). This option <remainder of<br="">as in D3.0> Proposed Response Response Status W</remainder> | d explicitly. The when when when when several constraints of the text of tex of text of tex of text of text of tex of tex | atest P802.3/D3 e previously upp edRemedy P802.3ck, propos , within the text b e "Forward Error d Response POSED ACCEP SC 161.5.2 Jeff | .0 (i.e. 802.3dc) nows uses le ercase was used. The to change the Clause 161 ody of Clause 161 propose to Correction" is currently foun <i>Response Status</i> W T. 6 <i>P</i> 134 | title to lower case o change to lowe d. <i>L</i> 46 | d error correction", |
| SuggestedRemedy Include the entire third paragraph from the base document. In 802.3dc the text is: The Reed-Solomon decoder may provide the option to perform error detection wi error correction to reduce the delay contributed by the RS-FEC sublayer. The pre this option is indicated by the assertion of the FEC_bypass_correction_ability var 91.6.8). When the option is provided, it is enabled by the assertion of the FEC_bypass_correction_enable variable (see 91.6.1). This option <remainder of<br="">as in D3.0> Proposed Response Response Status W</remainder> | d explicitly. The when when when when when when severe of also when when been when the severe of the text of tex of text of tex of text of text of text of tex | atest P802.3/D3 e previously upp edRemedy P802.3ck, propos within the text b e "Forward Error d Response POSED ACCEP SC 161.5.2 Jeff the breaking up | .0 (i.e. 802.3dc) nows uses le ercase was used. The to change the Clause 161 ody of Clause 161 propose to Correction" is currently foun Response Status W T. 6 P 134 Broadcom I | title to lower case o change to lowe d. <i>L</i> 46 Inc uses the introduc | d error correction", e. rcase other places # [<u>I-76</u> <i>(bucket1)</i> |
| SuggestedRemedy Include the entire third paragraph from the base document. In 802.3dc the text is: The Reed-Solomon decoder may provide the option to perform error detection wi error correction to reduce the delay contributed by the RS-FEC sublayer. The pre this option is indicated by the assertion of the FEC_bypass_correction_ability var 91.6.8). When the option is provided, it is enabled by the assertion of the FEC_bypass_correction_enable variable (see 91.6.1). This option <remainder of<br="">as in D3.0> Proposed Response Response Status W</remainder> | d explicitly. The when when when the when when the when t | atest P802.3/D3 e previously upp edRemedy P802.3ck, propos within the text b e "Forward Error d Response POSED ACCEP SC 161.5.2 Jeff the breaking up | .0 (i.e. 802.3dc) nows uses le ercase was used. the to change the Clause 161 ody of Clause 161 propose to Correction" is currently found <i>Response Status</i> W T. 6 <i>P</i> 134 Broadcom I <i>Comment Status</i> D of 161.5.2.6 into two sub-clau | title to lower case o change to lowe d. <i>L</i> 46 Inc uses the introduc | d error correction", e. rcase other places # [<u>I-76</u> <i>(bucket1)</i> |
| SuggestedRemedy Include the entire third paragraph from the base document. In 802.3dc the text is: The Reed-Solomon decoder may provide the option to perform error detection wi error correction to reduce the delay contributed by the RS-FEC sublayer. The pre this option is indicated by the assertion of the FEC_bypass_correction_ability var 91.6.8). When the option is provided, it is enabled by the assertion of the FEC_bypass_correction_enable variable (see 91.6.1). This option <remainder of<br="">as in D3.0> Proposed Response Response Status W</remainder> | d explicitly. The when when suggests suggests for lase when of the text Propose of the text C/ 161 Slavick, Commer With use suggests | atest P802.3/D3 e previously upp edRemedy P802.3ck, propose , within the text b e "Forward Error d Response POSED ACCEP SC 161.5.2 Jeff the breaking up some pointers to edRemedy | .0 (i.e. 802.3dc) nows uses le ercase was used. the to change the Clause 161 ody of Clause 161 propose to Correction" is currently found <i>Response Status</i> W T. 6 <i>P</i> 134 Broadcom I <i>Comment Status</i> D of 161.5.2.6 into two sub-clau | title to lower case o change to lowe d. <i>L</i> 46 Inc uses the introduc eferring to. | d error correction", e. rcase other places # [<u>I-76</u> <i>(bucket1)</i> |
| SuggestedRemedy Include the entire third paragraph from the base document. In 802.3dc the text is: The Reed-Solomon decoder may provide the option to perform error detection wi error correction to reduce the delay contributed by the RS-FEC sublayer. The pre this option is indicated by the assertion of the FEC_bypass_correction_ability var 91.6.8). When the option is provided, it is enabled by the assertion of the FEC_bypass_correction_enable variable (see 91.6.1). This option <remainder of<br="">as in D3.0> Proposed Response Response Status W</remainder> | d explicitly. The when when when when when when when wh | atest P802.3/D3 e previously upp edRemedy P802.3ck, propose within the text b e "Forward Error d Response POSED ACCEP SC 161.5.2 Jeff the breaking up some pointers to edRemedy "(see 161.5.2.6.2 | .0 (i.e. 802.3dc) nows uses le ercase was used. the to change the Clause 161 ody of Clause 161 propose t Correction" is currently foun Response Status W T. 6 P 134 Broadcom I Comment Status D of 161.5.2.6 into two sub-clause it's r | title to lower case o change to lowe d. <i>L</i> 46 Inc uses the introduc eferring to. on line 46 | d error correction", e. rcase other places # [<u>I-76</u> <i>(bucket1)</i> tion paragraph could |
| SuggestedRemedy Include the entire third paragraph from the base document. In 802.3dc the text is: The Reed-Solomon decoder may provide the option to perform error detection wi error correction to reduce the delay contributed by the RS-FEC sublayer. The pre this option is indicated by the assertion of the FEC_bypass_correction_ability var 91.6.8). When the option is provided, it is enabled by the assertion of the FEC_bypass_correction_enable variable (see 91.6.1). This option <remainder of<br="">as in D3.0> Proposed Response Response Status W</remainder> | d explicitly. The when when when when when when when wh | atest P802.3/D3 e previously upp edRemedy P802.3ck, propose within the text b e "Forward Error d Response POSED ACCEP SC 161.5.2 Jeff the breaking up some pointers to edRemedy "(see 161.5.2.6.2 | .0 (i.e. 802.3dc) nows uses le ercase was used. ercase was used. the to change the Clause 161 ody of Clause 161 propose to Correction" is currently four <i>Response Status</i> W T. 6 <i>P</i> 134 Broadcom I <i>Comment Status</i> D of 161.5.2.6 into two sub-clause wards which sub-clause it's response to the sub-clause to the su | title to lower case o change to lowe d. <i>L</i> 46 Inc uses the introduc eferring to. on line 46 | d error correction", e. rcase other places # [<u>I-76</u> <i>(bucket1)</i> tion paragraph could |

| C/ 161 SC | C 161.5.2.6 | P 135 | L 3 | # 1-238 | C/ 161 | SC 161.5.2 | 2.6.2 | P 137 | L 3 | # 1-44 |
|-------------------------------|----------------|--|-------------------|------------------|------------------------|--------------------|---------------|---|-------------------|--|
| 3en-Artsi, Liav | | Marvell Semic | onductor, Inc. | | Ran, Adee | | | Cisco Syster | ns, Inc. | |
| Comment Type | TR | Comment Status D | | (bucket1) | Comment Typ | e E | Comme | ent Status D | | (bucket1 |
| | | hat this FEC does not support a similar manner as Figure | | | | | | plication symbol. | | |
| SuggestedReme | edy | | | | | ies in 161.5 | 5.3.5. | | | |
| Add EEE su | upport similar | to Figure 91-2 in clause 91 | | | SuggestedRe | | | | | |
| Proposed Respo | onse | Response Status W | | | • | | | • | agraph of 161.5 | .2.6.1, in both places. |
| | an objective o | of P802.3ck. ays EEE deep sleep is not si | upported (see | | Proposed Res PROPOS | sponse ED ACCEI | | se Status W | | |
| | | 3/ck/public/19_05/nicholl_30 | | | C/ 161 | SC 161.5.2 | 2.6.2 | P 137 | L 6 | # I-166 |
| C/ 161 SC | C 161.5.2.6.1 | P 135 | L 50 | # 1-77 | Dawe, Piers | l G | | NVIDIA | | - |
| Slavick, Jeff | | Broadcom Inc | | | Comment Typ | be T | Comme | ent Status D | | (bucket |
| Comment Type | | Comment Status D | this sub clause o | <i>(bucket1)</i> | What do 1.1.6. | /ou mean, | "let"? In IEE | E standards, we h | ave shall, should | d, may and can. See |
| | | | | | SuggestedRe | medy | | | | |
| SuggestedReme | | tle to be "Alignment marker | monning function | o." | | | | | | onsecutive values of |
| - | | - | mapping runction | 1 | | | | following, the set c x_scrambled<256 | | |
| Proposed Respo PROPOSEI | | Response Status W | | | tx_scram | oled<256:0 | | ented by a set of v | | |
| C/ 161 SC | C 161.5.2.6.1 | P 136 | L 5 | # 1-43 | Proposed Rea | sponse | Respons | se Status W | | |
| Ran, Adee | | Cisco Systems | s. Inc. | | | ED REJEC | | | the base stand | and for an and take it is |
| , | Е | Comment Status D | -, | (bucket1) | | | | | | ard from which it is I and similar clauses. |
| Comment I voe | | stency italicized in the text of | f list items a-c. | (200.001) | | | | ning a variable in a | | |
| Comment Type The variable | | | | | | | | | | |
| The variable | | | | | | | | | | |
| The variable SuggestedReme | edy | denotes a lane number. | | | | | | | | |

C/ 161 SC 161.5.2.6.2

| C/ 161 SC 161.5 | .2.6.2 | P 137 | L 6 | # <u>I-4</u> | C/ 161 | SC 161.5.2. | 6.2 | P 137 | L 7 | # I-167 |
|---------------------|----------------------|----------------|----------------------|---------------------------|-------------|----------------------------------|-----------------|----------------------|---------------------|--|
| Marris, Arthur | C | Cadence Desi | ign Systems, Inc | · | Dawe, Pie | rs J G | | NVIDIA | | |
| Comment Type T | Comment Sta | atus D | | (bucket1) | Comment | Туре т | Comment | t Status D | | (bucket1) |
| It would help under | standing to point to | where tx_scra | ambled is define | d | | • – | | • | | ording to the text and |
| SuggestedRemedy | | | | | 0 | s 161-4 and 161 mbols or 20 bits | | ts long (but wha | t is it?), but acco | ording to Fig 161-3 it's 2 |
| Change: | | | | | Suggestea | | • | | | |
| | ors tx_scrambled_i< | 256:0> repres | sent consecutive | values of | 00 | | | de et de el treme el | | a supervisit to all such that the terms |
| tx_scrambled<256: | 0>." | | | | | | | | | _scrambled which is a ng of tx_scrambled", |
| To: | | | | | | ig at row 0, if the | | | led to beginnin | ng of tx_sciallibled, |
| | ors tx scrambled i< | 256:0> repres | sent consecutive | values of the | Proposed | | | Status W | | |
| transcoder output t | <_scrambled<256:02 | > (see 161.5.2 | 2.5 for a definition | n of the transcoder)." | | OSED ACCEPT | | | | |
| Proposed Response | Response Sta | tus W | | | - | | - | | nich defines tx_s | crambled by |
| PROPOSED ACCE | PT. | | | | | | | | mbled is a 257-b | 2 |
| | | | | | Make | changes to Figu | ire 161-3 in ac | ccordance with t | he response to a | comment 11 |
| C/ 161 SC 161.5 | .2.6.2 | P 137 | L 7 | # 1-9 | C/ 161 | SC 161.5.2. | 6.2 | P 137 | L 22 | # I-10 |
| Nicholl, Shawn | > | Kilinx | | | | | | Xilinx | | |
| Comment Type E | Comment Sta | atus D | | (bucket1) | Nicholl, Sh | | | | | <i>и</i> |
| The variable tx_scr | ambled<256:0> is m | nentioned with | n little context to | its origin or definition. | Comment | | | Status D | | (bucket1) |
| | clause may not rea | | | | | | | | | spective lane" leaves |
| outside of the Clau | se 161. Including so | ome guiding t | ext may help the | reader to navigate. | | Ŭ | at some other | text is meant to | follow It. | |
| SuggestedRemedy | | | | | Suggestea | lRemedy | | | | |
| Propose to change | the sentence to: | | | | | | 1 0 1 | | | a 10280-bit block |
| | ctors tx_scrambled | | | | | | | | | he sub-clause by co- |
| transcoder output t | <_scrambled<256:0; | > (see 161.5.2 | 2.5 for the defini | tion of the transcoder)." | | • | 0 0 | p" portions toge | emer. | |
| Proposed Response | Response Sta | tus W | | | Proposed | Response | Response | Status W | | |
| | | | | | | | | | | |

PROPOSED ACCEPT.

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: Clause, Subclause, page, line

C/ 161 SC 161.5.2.6.2 Page 3 of 7 2022-01-18 4:35:26 PM

| is 257 bits wide. This c suggestedRemedy P802.3/D3.0 (i.e. 802.3 and are the basis for th | Xilinx Comment Status D mbled is inserted into an are auses confusion. The diagra | | | | <i>Type</i> | | Comment Sta | ned in sever | | <i>(bucket1</i>) n area of 35x257-bit |
|---|---|---|---|--|---|--|--|---|---|--|
| In Figure 161-3 tx_scra is 257 bits wide. This c iuggestedRemedy P802.3/D3.0 (i.e. 802.3 and are the basis for th | mbled is inserted into an are auses confusion. The diagra | | owever, tx_scrambled | In Figu | ure 161-4 | tx_scram | bled is mentio | ned in sever | | , |
| is 257 bits wide. This c suggestedRemedy P802.3/D3.0 (i.e. 802.3 and are the basis for th | auses confusion. The diagra | | | | | | | | | n area of 35x257-bit |
| P802.3/D3.0 (i.e. 802.3 and are the basis for th | | | | | | alea 01 40 | x257-DIt. HOW | ever, tx_scra | mbled is 257 bits | s wide. |
| and are the basis for th | | | | Suggested | Remedy | | | | | |
| Replace "FEC codew Add shading to the fi 0-3). The shading show Add superscript text | e following proposed change om the diagram vord A" with "from FEC code vord B" with "from FEC code nal cell/column of the table (i ild be different colour from th "B A" into the newly shaded | s to Figure 161-3 word A" word B" i.e. for the rows p ie 5-bit pad shadi area for FEC land | ertaining to FEC lane ing. es 1 and 3 | - Rep bits)" - Rep blocks - Rep - Not | blace (in tr blace (in tr blace "tx_s e that this | wo places wo places scramble s diagram | s) "tx_scramble d 40x257-bit b is consistent | ed 5x257-bit ed 35x257-bit locks" with "4 with latest P8 | t blocks" with "an t blocks" with "36 40x257-bit tx_scr 302.3/D3.0 (i.e. 8 | n_txmapped (5x257 5x257-bit tx_scrambled ambled blocks" 502.3dc) Figure 119-6 6 and Figure 119-8 |
| Replace "tx_scramble tx_scrambled blocks" If "Resumption of 2 similar text change to F (i.e. 802.3dc) Beside the new text same colour as the new - Note that this diagrameter | "A B" into the newly shaded ed" with "Resumption of 257 57-bit tx_scrambled blocks" i igure 119-5 and Figure 119-7 , add an "=" (equal symbol) a ly shared area n is also consistent with late a consistent with Figure 91-4 | -bit blocks" or "R s chosen, then p 7 through mainter and a rectangle tl st P802.3/D3.0 (i | esumption of 257-bit ropose to make nance of P802.3/D3.0 hat is shaded the | The co 3.0 of publish Impler consis | OSED AC ommenter the 802.3 hed before ment the s stency with | CCEPT IN r has mad odc revisio e draft 3.7 suggested h Figure 1 | on project. Dra 1 of 802.3ck. d remedy with | mment again ft 3.1 of the r editorial licer 5.1 of the 802 | evision project is nce and as far as 2.3dc revision pro | possible maintain |
| Proposed Response | Response Status W | | | C/ 161 | SC 16 | 61.5.2.6.2 | | P 137 | L 50 | # I-13 |
| PROPOSED ACCEPT | , | | | Nicholl, Sł | nawn | | > | Kilinx | | |
| The commenter has ma 3.0 of the 802.3dc revis | ade a similar comment again ion project. Draft 3.1 of the r | | | Comment Figure | | ER as the wro | Comment Sta | atus D | | (bucket1 |
| published before draft | .1 of 802.3ck. ed remedy with editorial licen | ice and as far as | nossible maintain | Suggested | Remedy | | | | | |
| | 91-4 in draft 3.1 of the 802.3 | | | | | | igure 161-4 ca nt marker insei | | | |
| | | | | Proposed PROP | Response OSED A0 | | Response Sta | tus W | | |

C/ 161 SC 161.5.2.6.2

| C/ 161 SC 16 | 1.5.2.6.2 | P 137 | L 54 | # <u>I</u> -14 | C/ 161 | SC | 161.5.4.2 | 2.2 | P 143 | L 6 | # 1-33 |
|-------------------|---------------------|---|-------------------|--|----------------------|-------------------------------------|--------------------------------------|--|---------------------------------------|---------------------------|--------------------------|
| Nicholl, Shawn | | Xilinx | | | Rannow, | RK | | | IEEE membe | er / Self Employe | d |
| Comment Type | E Comme | ent Status D | | (bucket1 | Comment | t Type | т | Comment S | Status D | | (bucket1) |
| are called by ref | | should include sor | | together sections that ow | | ole insta guous. | nces of th | ne term "both", | and both = an | d. This appears | verbose and perhaps |
| SuggestedRemedy | | | | | Confu | using sta | atement: | | | | |
| - the contents of | of tx_scrambled_ | graph at the end of am<10279:0> are of the Pre-FEC dist | an input to the P | the following text: re-FEC distribution | amp_ | match i | s set to tr | t_pcsl both fou ue. Otherwise, | | | me PCS lane number, |
| Proposed Response | | se Status W | ib dtiori) | | Suggeste | dRemed | dy | | | | |
| PROPOSED AC | 1 | | | | Revie | ew and r | emove the | e term "both". | | | |
| C/ 161 SC 16 | 1.5.4.2.1 | P 142 | L 46 | # I-15 | Sugg | ested m | odificatio | n: | | | |
| Nicholl, Shawn | | Xilinx | | | | | | t_pcsl match a e, amp_match | | | e number, amp_match |
| Comment Type | E Comme | ent Status D | | (bucket1 | Proposed | | | Response S | | | |
| | | Bdc) introduced fec | | | | | REJECT. | , | | | |
| variables in 91.5 | 5.4.2.1. It seems a | appropriate to simi | larly update CL1 | 61. | | | | | ny the existing | text is confusing | |
| SuggestedRemedy | | | | | | | | | | ard in 119.2.6.2.3 | |
| Propose to inser | rt fec_lane_mapp | oing <x> after fec_la</x> | ine. | | | | | • | | | ty of the existing text. |
| | | | | e definition of fec_lane | C/ 161 | SC | 161.6 | | P 146 | L 19 | # I-16 |
| | | defines the FEC la | | omment against the | Nicholl, S | Shawn | | | Xilinx | | |
| draft. | Sub-Section num | iber may be chang | ed by a related t | omment against the | Comment | t Type | ER | Comment S | Status D | | (bucket1) |
| Proposed Response | , | se Status W | | | | | |) (i.e. 802.3dc) or P802.3ck Ta | | | / "Register/bit number" |
| PROPOSED AC | CEPT. | | | | Suggeste | dReme | dv. | | | | |
| | | | | | Sumr - mc - mc | nary of ove "1.20 ove "1.20 | proposed 01.3" high 01.4" high | changes to P8 her in the table her in the table 99" higher in the | (i.e. after 1.20 (i.e. after the r | 1.2) new location of 1 | .201.3) |
| | | | | | Proposed | l Respor | nse | Response S | Status W | | |
| | | | | | PRO | POSED | ACCEPT | · · | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | T/technical E/editorial | | | | _/ | C/ 10 | | Page 5 of 7 |

SC 161.6

| C/ 161 | SC 161.6 | P 146 | L 49 | # I-17 |
|--------------|----------|------------------|-------------|-----------|
| Nicholl, Sha | wn | Xilinx | | |
| Comment Ty | /pe ER | Comment Status D | | (bucket1) |

In the sub-sections of 161.6, a number of cross-references to sections of CL91 of the latest P802.3/D3.0 (i.e. 802.3dc) are incorrect. There are also some ordering issues with the sub-sections of 161.6.

SuggestedRemedy

Summary of proposed changes to P802.3ck CL161:

- pg. 146, line 49, 161.6.1 FEC_bypass_indication_enable: change "91.6.1" to "91.6.2" - pg. 146, line 50, move the existing 161.6.10 FEC_degraded_SER_enable sub-clause after 161.6.1 FEC_bypass_indication_enable sub-clause to retain consistency with the order of entries in Table 161-1 ; update the FEC_degraded_SER_enable section to contain the text "Identical to the definition in 91.6.4, except the reference becomes 161.5.3.3.2."

- pg. 146, line 50, move the existing 161.6.14 100G_RS_FEC_Int_enable after the new location of FEC_degraded_SER_enable to retain consistency with the order of entries in Table 161-1

- pg. 146, line 50, move the existing 161.6.11 FEC_degraded_SER_activate_threshold sub-clause after the new location of 100G_RS_FEC_Int_enable sub-clause to retain consistency with the order of entries in Table 161-1; update the

FEC_degraded_SER_activate_threshold section to contain the text "Identical to the definition in 91.6.5, except the reference becomes 161.5.3.3.2."

- pg. 146, line 50, move the existing 161.6.12 FEC_degraded_SER_deactivate_threshold sub-clause after the new location of FEC_degraded_SER_activate_threshold sub-clause ; update the FEC_degraded_SER_deactivate_threshold section to contain the text "Identical to the definition in 91.6.6, except the reference becomes 161.5.3.3.2."

- pg. 146, line 50, move the existing 161.6.13 FEC_degraded_SER_interval sub-clause after the new location of FEC_degraded_SER_deactivate_threshold sub-clause ; update the FEC_degraded_SER_interval section to contain the text "Identical to the definition in 91.6.6, except the reference becomes 161.5.3.3.2."

- pg. 146, line 53, 161.6.2 FEC_bypass_indication_ability: change "91.6.4" to "91.6.9"

- pg. 147, line 3, 161.6.3 hi_ser: change "91.6.5" to "91.6.10"

- pg. 146, line 5, move the existing 161.6.20 FEC_degraded_SER_ability sub-clause after 161.6.3 hi_ser sub-clause to retain consistency with the order of entries in Table 161-2 ; update the FEC_degraded_SER_ability section to contain the text "Identical to the definition in 91.6.11, except the reference becomes 161.5.3.3.2."

- pg. 146, line 5, move the existing 161.6.21 FEC_degraded_SER sub-clause after the new location of FEC_degraded_SER_ability sub-clause ; update the FEC_degraded_SER section to contain the text "Identical to the definition in 91.6.12, except the reference becomes 161.5.3.3.2."

- pg. 147, line 7, 161.6.4 amps_lock<x>: change "91.6.7" to "91.6.14"

- pg. 147, line 11, 161.6.5 fec_align_status: change "91.6.8" to "91.6.15"

- pg. 147, line 15, 161.6.6 FEC_corrected_cw_counter: change "91.6.9" to "91.6.16"

- pg. 147, line 18, 161.6.7 FEC corrected cw counter: change "91.6.10" to "91.6.17"

- pg. 147, line 23, 161.6.8 FEC_lane_mapping<x>: change "91.6.11" to "91.6.18"

- pg. 147, line 24, move the existing 161.6.22 FEC cw counter sub-clause after

FEC_lane_mapping<x> sub-clause to retain consistency with the order of entries in Table 161-2

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: Clause, Subclause, page, line

- pg. 147, line 27, 161.6.9 FEC_symbol_error_counter_i: change "91.6.12" to "91.6.19" - pg. 147, line 28, move the existing 161.6.23 FEC_codeword_error_bin_i sub-clause after FEC_symbol_error_counter_i sub-clause to retain consistency with the order of entries in Table 161-2

- pg. 148, line 3, 161.6.15 align_status: change "91.6.13" to "91.6.20"

- pg. 148, line 7, 161.6.16 BIP_error_counter_i: change "91.6.14" to "91.6.21"

- pg. 148, line 11, 161.6.17 lane_mapping<x>: change "91.6.15" to "91.6.22"

- pg. 148, line 15, 161.6.18 block lock<x>: change "91.6.16" to "91.6.23"

- pg. 148, line 19, 161.6.19 am_lock<x>: change "91.6.17" to "91.6.24"

Proposed Response Response Status W

PROPOSED ACCEPT IN PRINCIPLE.

Implement the suggested remedy with editorial licence

| C/ 161 | SC 161.6.2 | P 14 | 46 | L 53 | # <u>I-6</u> |
|--------------|------------|----------------|-----------|--------------|--------------|
| Marris, Arth | nur | Cade | nce Desig | n Systems, I | nc. |
| Comment 7 | Гуре Е | Comment Status | D | | (bucket1) |

Some of the cross references point to the wrong subclauses in Clause 91.

SuggestedRemedy

On page 146 line 49 change 91.6.1 to 91.6.2 On page 146 line 53 change 91.6.4 to 91.6.9 On page 147 line 2 change 91.6.5 to 91.6.10 On page 147 line 7 change 91.6.7 to 91.6.14 On page 147 line 11 change 91.6.8 to 91.6.15 On page 147 line 15 change 91.6.9 to 91.6.16 On page 147 line 20 change 91.6.10 to 91.6.17 On page 147 line 23 change 91.6.11 to 91.6.18 On page 147 line 28 change 91.6.12 to 91.6.19 On page 147 line 32 change 91.6.2b to 91.6.4 On page 147 line 35 change 91.6.2c to 91.6.5 On page 147 line 39 change 91.6.2d to 91.6.6 On page 147 line 43 change 91.6.2e to 91.6.7 On page 148 line 3 change 91.6.13 to 91.6.20 On page 148 line 7 change 91.6.14 to 91.6.21 On page 148 line 11 change 91.6.15 to 91.6.22 On page 148 line 16 change 91.6.16 to 91.6.23 On page 148 line 19 change 91.6.17 to 91.6.24

Proposed Response Response Status W PROPOSED ACCEPT.

> C/ 161 SC 161.6.2

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| C/ 161 | SC 161.6.10 | P 1- | 47 | L 30 | # I-45 |
|--|--|---|--------------|-----------------|-------------------|
| Ran, Adee | | Cisco | Systems | s, Inc. | |
| Comment 7 | Type ER | Comment Status | D | | (bucket1) |
| | | _degraded_SER_ena r integration into 802. | | | |
| Simlarl | y in 161.6.11 th | rough 161.6.13, 161.6 | 6.20, and | 161.6.21. | |
| Suggestedl | Remedy | | | | |
| In 161. In 161. In 161. In 161. Proposed F | 6.12 change the 6.13 change the 6.20 change the 6.21 change the Response | e reference to 91.6.5. e reference to 91.6.6. e reference to 91.6.7. e reference to 91.6.11 e reference to 91.6.12 Response Status | 2. | | |
| | | | | 1.40 | # |
| C/ 161 | SC 161.7.3 | P 1 | | L 13 | # 1-46 |
| Ran, Adee | | Cisco | Systems | s, Inc. | |
| Comment 7 | Type E | Comment Status | D | | (bucket1) |
| The "Fl | EC degraded SI | ER detection" option | for this cla | ause is defined | d in 161.5.3.3.2. |
| Suggestedl | Remedy | | | | |
| 0 | | of item *FDD from 91 | .5.3.3.1 t | o 161.5.3.3.2. | |
| | ly change item I | <f 101.7.4.2.<="" 12="" iii="" p=""></f> | | | |

C/ 161 SC 161.7.3 Page 7 of 7 2022-01-18 4:35:27 PM