P802.3by Draft 2.0 Comment Agenda

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BTI

Clause	Topic	Comment #
107, 108	OTN	136, 137, 138, 139, 190*
110	3 m no FEC copper cable	118, 175, 176, 119, 97, 98, 95, 92, 93, 96, 173, 133*, 204
	Total	18

Legend: [CC] = cross-clause, "*" = pivot comment

Cross-clause (CC) topics

Clause	Topic	Comment #
<u>30</u>, 45, 78	xx Gb/s or greater speed	83, 135, 179*
<u>45</u>, 108	Register defined in two places	82
93A, <u>111</u>	COM PMD table, Clause 111 modifies COM parameter table	162
	Total	5

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 1 comments

Clause	Topic	Comment #
1	25GAUI IF definition, C2M and C2C are different	152
1	What is "duplex multimode fiber"?	77
	Total	3

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 30 comments

Clause	Topic	Comment #
30	Discussion of collisions	234
30	Bring '30.5.1.1.15 aFECAbility' and '30.5.1.1.16 aFECmode' into 802.3by	227
30	Prune legacy text	19
30	30.5.1.1.2 aMAUType definition	215, 182*
30	Modify 10G text in 30.5.1.1.4 rather than 40/100G	217
30	Not all links shown in green	235
	Total	11

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 45 comments (1)

Clause	Topic	Comment #
45	Add reference to 109.1.4	80
45	Use editorial instruction "Replace"	21
45	Replace "this bit" with the actual bit number	30, 75, 81, 74
45	Change "shall be" to "is"	78
45	Change "Reserved for future speeds" to "Reserved"	35
45	Bring PMD training and status registers into 802.3by	124
	Total	9

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 45 comments (2)

Clause	Topic	Comment #
45	Editing instructions for changing table names	184, 213*, 20, 55
45	Add textual description of bits 1.0.5:2 in register 3.0	79
45	Retitle sections 45.2.3.17.2, 45.2.3.17.3, 45.2.3.17.4 to be Single Lane PHY	125, 127
45	Definition of RS-FEC negotiated bit	128
45	Use a single bit to advertise deep sleep ability	109, 171, 221, 172, 36
45	Provide PICS update if needed	86
	Total	14

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 73 comments

Clause	Topic	Comment #
73	Improve AN functionality with break-out cables	192
73	Relax tolerance of DME page timing	143
73	Interoperation of 25GBASE-CR-S and 25GBASE-CR PHYs	226, 144
73	Allow advertisement of 10G direct attach copper cable assembly	194
73	Restructure 73.6.5.1 and 73.6.5.2	31*, 120, 134, 22
73	Introduce ability to negotiate asymmetrical FEC operation	193
	Total	10

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 74 comments

Clause	Topic	Comment #
74	Clause 74 BASE-R FEC is not optional for 802.3by copper PHYs	224
74	Change editing instruction for 74.1 and 74.7.4.8	42, 71
74	Missing serial comma	44
74	Change the first sentence of the third and fourth paragraphs of 74.7.4.8	76
74	Incorporate "74.9 BASE-R PHY test-pattern mode" from the base standard	129
	Total	6

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 78 comments

Clause	Topic	Comment #
78	Align 78.1.3.3.1 text with 802.3bq draft 2.2	178
78	No need to show all of Table 78-2 and attract stray comments	28
78	25GBASE-R sleep times (Ts) are incorrect in Table 78-2	62, 245*
	Total	4

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 105 comments

Clause	Topic	Comment #
105	PHY nomenclature	180
105	Backplane PHY FEC options	37, 203
105	Language	38
105	Use of acronyms	103
105	Delete "multiple streams"	66
105	Remove reference to Clause 78	14
105	Cross-reference to bit time description	140
105	Delay precision	65
105	Total	9

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 106, 107 comments

Clause	Topic	Comment #
106	Change sentence to read: "25 Gb/s PHYs may support Clause 78 Energy-Efficient Ethernet (see Table 105-2)."	107
107	Sort out PICS and conformance requirements	110
107	Modification of Figure 49-15 functionality	73
107	Add a new counter for received control blocks	191
107	Include reference to 49.2.8 test patterns in 107.2.3	243
107	Add subclause 107.2.4 to reference Clause 49 test pattern checkers	244
	Total	6

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 108 comments

Clause	Topic	Comment #
108	FEC synchronization state diagram	123, 131 slavick_3by_01_0915
108	Explain idle characters	122
108	Codeword markers	130, 132
108	Remove FEC bypass	153
108	PICS: Bypass error correction / indication	111, 112, 115
108	PICS (general)	113, 114, 116
	Total	12

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 109 and Annex 109B, 109C

Clause	Topic	Comment #
109	Remove "clock generation"	154
109	Language, multiple lanes	149, 163
109	Register names, new registers	60
109B	25GAUI C2M adaptive receiver	183
109B	Measurement method, extra details	239
109C	Add examples with FEC on PCS device	164
	Total	7

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 110, 110B, 110C comments

Clause	Topic	Comment #
110	Nomenclature	199, 198, 195, 200, 196
110	Multi-lane Receiver Interference Tolerance Test	240, 202
110	RITT (other)	156, 94
110	COM parameters (other)	45, 169, 147, 146, 174, 241[late], 238
110	Others	157, 158, 222[CC], 223 [CC]
110B	Mated test fixture Integrated crosstalk noise	165,166,167
110C	Use of reach in Table 110C–1	246[late], 201
110C	Usage of cable illustration	168
	Total	26

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 111 comments

Clause	Topic	Comment #
111	Overview	225
111	COM parameters	170
111	Page layout	150
	Total	3

Legend: [CC] = cross-clause, "*" = pivot comment

Clause 112 comments

Clause	Topic	Comment #
112	Test patterns	159, 160, 161
112	Naming of 'PMD block diagram'	230
112	Terminology for 'channel', 'MDI'	236, 237
112	Naming of 'PMD global signal detect function'	231
112	Naming of 'PMD global signal detect'	61
	Total	8

Legend: [CC] = cross-clause, "*" = pivot comment

Bucket (1)

Clause	Comment #
Front Matter (FM)	100, 181, 99, 117, 27, 212
Global (000)	233, 67
1	207, 68
30	205, 69, 50, 214, 85, 206, 177, 18, 216, 208, 1, 51
31B	57, 29, 24, 25
45	54, 101, 105, 52, 53, 40, 185, 186, 187, 189, 41, 126, 219, 218, 8, 108, 210
69	148, 87, 9
73	23, 56, 39
74	88, 43, 10, 70, 72
78	11, 12, 13
Total	53

Bucket (2)

Clause	Comment #
93A	3
105	102, 63, 64
107	104, 15, 32, 33, 34, 58
108	145, 121, 16, 188, 17
109	59, 47, 48, 209, 49, 242
109B	197
110	155, 89
110B	4, 26
110C	228, 5, 6, 7, 151, 142,
111	220, 211, 141, 46
112	91, 229, 232
Total	39

Withdrawn

Clause	Comment #
45	106
69	2
105	90
108	84
Total	3