

Editor's report

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IEEE P802.3bj Task Force
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Meet the team...

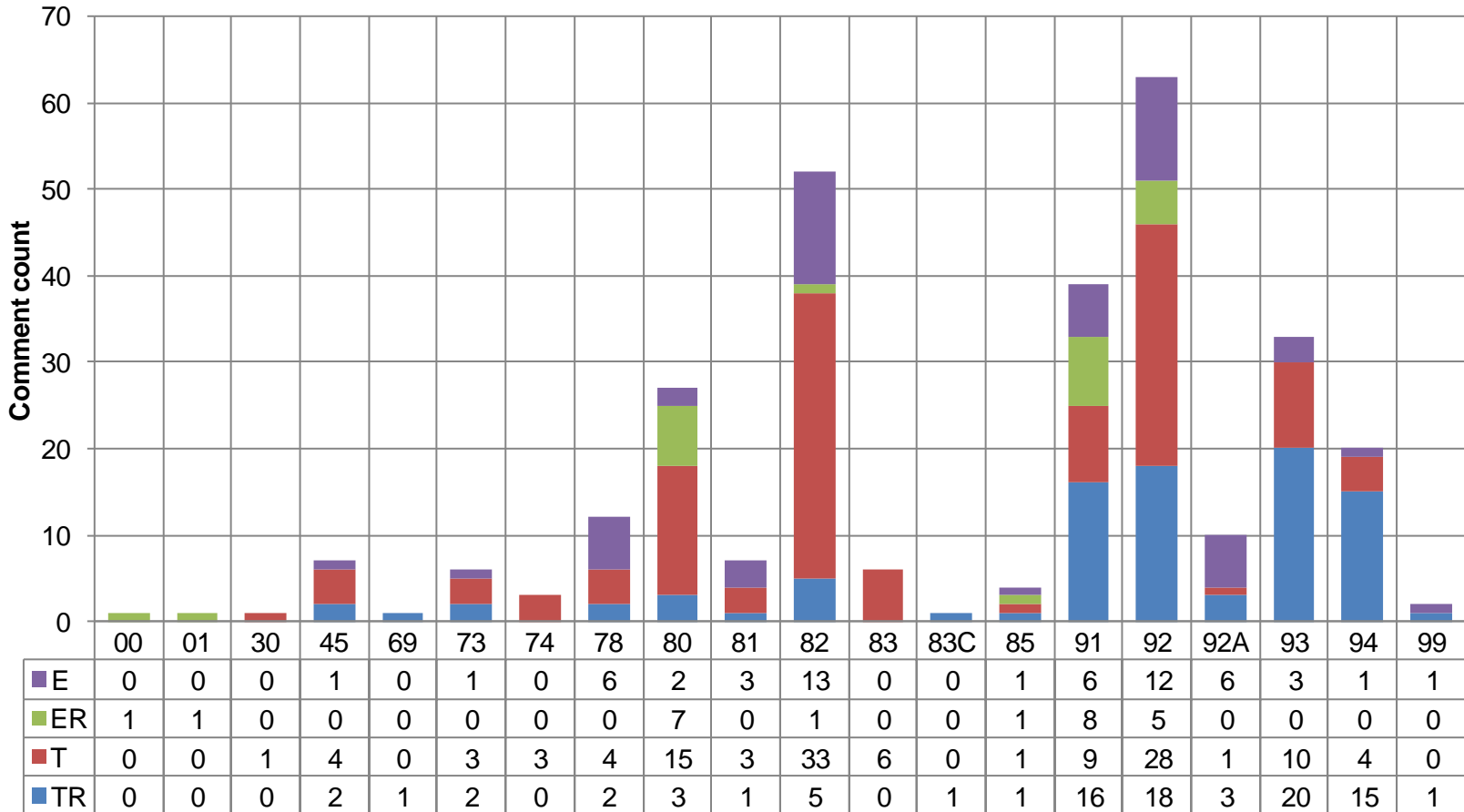
Editor	Edited
Hugh Barrass	Clauses 30, 45, 80–83, 85
Matt Brown	Clause 94
Chris DiMinico	Clause 92, Annex 92A
Adam Healey	Chief editor, clauses 91 and 93, miscellanea

Activities since May 2012 meeting

- Draft 1.0 posted 30 May 2012
- Task Force review closed 29 June 2012 (A.O.E.)
- 296 comments from 19 participants: 216 T(R), 80 E(R)
- Proposed responses produced by editorial team
 - Sorted by clause, subclause, etc.
 - Sorted by comment number

Comment summary: 216 T(R), 80 E(R)

IEEE P802.3bjD1.0 1st Task Force review



“R” (required) denotes that the commenter indicated the comment must be satisfied in order to change a “do not approve” vote to an “approve” vote. Since Task Force review is not a ballot, these comments will be processed as though they were technical (T) or editorial (E) as appropriate.

Objectives for this meeting

- Respond to all comments against D1.0
- Generate D1.1 and initiate 2nd Task Force review

Comment resolution agenda

Subject to change

00, 99 and other general topics [12]

Topic	Comment #
40GBASE-CR4, -KR4, 100GBASE-CR10 EEE (see dambrosia_01_0712)	162, 288, 289, 291
Clause 91 FEC, PMA, CAUI compatibility (see dambrosia_02_0712)	68, 74, 294, 296
MTTFPA concerns, mandatory Clause 91 FEC (see cideciyan_01_0712, gustlin_01_0712)	76
Nomenclature	295
Non-controversial, editorial	132, 286

NOTE: 288 from Cls. 45, 162 and 291 from Cls. 78, 74 from Anx. 83C, 68 and 295 from Cls. 91, 76 and 296 from Cls. 92, 294 from Cls. 94 [-0, +8]

01, 69 to 74 [11]

Topic	Comment #
Definitions	277
Clause 69 is blank (see healey_02_0712)	290
Clause 73	6, 158, 181, 190, 211, 221
Clause 74 clarifying statements	7, 8, 9

30 and 45 [7]

Topic	Comment #
FEC control	287, 5
EEE advertisement	92, 103, 231
Typo correction	232
Clause numbering	35

NOTE: 288 considered with general [-1, +0]

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Topic	Comment #
Mandatory EEE modes	128
Non-controversial, wording	129, 32, 226, 163, 142
Table contents correction	230
Typo correction	31, 156, 33

NOTE: 162, 291 considered with general [-2, +0]

80 [27]

Topic	Comment #
Page 33, line 8 (wording)	23, 33, 13, (12, 24, 282), 20, (21, 280)
Page 33, line 8 (diagrams, tables, see lusted_01_0712)	279, (10 , 281), (11 , 278)
Editor's notes	240
Fig 80-3	67, 177, 229, 283, 284
Tables 80-3, 80-4, 80-5 (see lusted_01_0712)	(14, 15 , 16, 292), 17, 18
PICS	19

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Topic	Comment #
Link status	228
PLS mapping	223
Cross references	176
Editor's notes	241
Wording / typos	225, 224, 36

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Topic	Comment #
Down count / DC (see barrass_01_0712)	102, 248, 249 , 38, 250, 178, 99, 75, 251, 124
Align status	264, 265
Variables, constants, etc. (see barrass_01_0712)	262, 252 , 49, 258, 239, 227, 253
LPI state diagrams (see barrass_01_0712)	254, 256, 101, 183, 255 , 96, 184, 263
Cross references	27, 126, 2, 93, 94
Editor's notes	243
Wording / typos / etc.	42, 242, 34, 122, 95, 37, 50, 247, 182, 40, 39, 98, 3, 244, 4, 245
PICS	51, 25, 26

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Topic	Comment #
Tx_mode, rx_mode (see barrass_01_0712)	257
Annex 83A / CAUI (see barrass_01_0712)	259, 260
Wording / typos (see lusted_01_0712)	28, 29, 30

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Topic	Comment #
Tx_mode	100
Signal detect (see barrass_01_0712)	261
Wording / typos	285, 246

91 [37]

Topic	Comment #
Scrambling/descrambling (see gustlin_02_0712, anslow_01_0712)	77
Codeword alignment	66, 237, 238
Skew and skew points	70, 73
Transcoding	52, 72, 123, 45, 54, 55, 118, 119, 120, 121, 185, 186
Reed-Solomon encoder definition	116, 117, 179, 180, 189, 191
BIP coverage	53
RAM support	71
Non-controversial, editorial	41, 43, 44, 46, 47, 69, 111, 112, 113, 114, 115

NOTE: 68, 295 considered with general [-2, +0]

92 and 92A [53]

Topic	Comment #
Test fixtures (see diminco_01_0712)	160, 168, 268, 269, 270, 271, 272
ICN (see diminco_01_0712)	267, 266
Tx and Rx specifications (see diminco_01_0712)	127, 130, 131, 214, 213, 273, 216, 217, 215, 274
Rx interference tolerance test (see diminco_01_0712)	157, 218, 275
Jitter definitions	135,134,136,133,138,139 Clause 93: 137, 148, 149, 150, 151,152
Frequency range for MDNEXT, MDFEXT, ICN	89, 90, 199, 200, 201, 202, 204, 220
Change frequency units from MHz to GHz	192,193,194,195, 205, 206, 207, 209
Host loss	166, 167, 276

92 and 92A continued [23]

Topic	Comment #
End-to-end channel loss	172
FEC	293
Link block diagram, test points	141, 161, 212
Loopback	165
AC coupling cap	153, 171, 219
UI	169
Clause structure	140, 170
Non-controversial, editorial	56, 83, 91, 159, 164, 196, 197, 198, 208, 210, 222

NOTE: 76, 296 considered with general, 187 considered with Cls. 93, 6 comments from Cls. 93, [-3, +6]

93 [32]

Topic	Comment #
Channel characteristics (see mellitz_01_0712, ran_01_0712)	58, 60, 79, 173 Clause 94: 59, 174
Test points (see goergen_01_0712)	84 Clause 94: 104, 106
PMD control function	97, 145, 175, 188 Clause 92: 187
DC common mode voltage (see goergen_02_0712)	1, 82
Return loss	63, 65, 85, 86, 87
Other PMD characteristics	61, 78, 88, 143, 147, 203
Measurement bandwidth	146, 154, 155
Non-controversial, editorial	81, 144

NOTE: 137, 148, 149, 150, 151, 152 (jitter) considered with Cls. 92, 1 comment from Cls. 93, 4 comments from Cls. 94 [-6, +5]

94 [15]

Topic	Comment #
PMA coding	48, 80, 236
PMD functional (see lusted_03_0712)	125
EEE signaling (see brown_01_0712)	234, 235
PMD parametric	107, 62, 110
Channel	105, 233
Return loss	57, 64, 108, 109

NOTE: 294 considered with general, 59, 104, 106, 174 considered with Cls. 92 [-5, +0]

Clean-up

Consider comments not specifically addressed in the agenda