

Editor's report

Adam Healey
LSI Corporation

IEEE P802.3bj Task Force
November 2012

Meet the team...

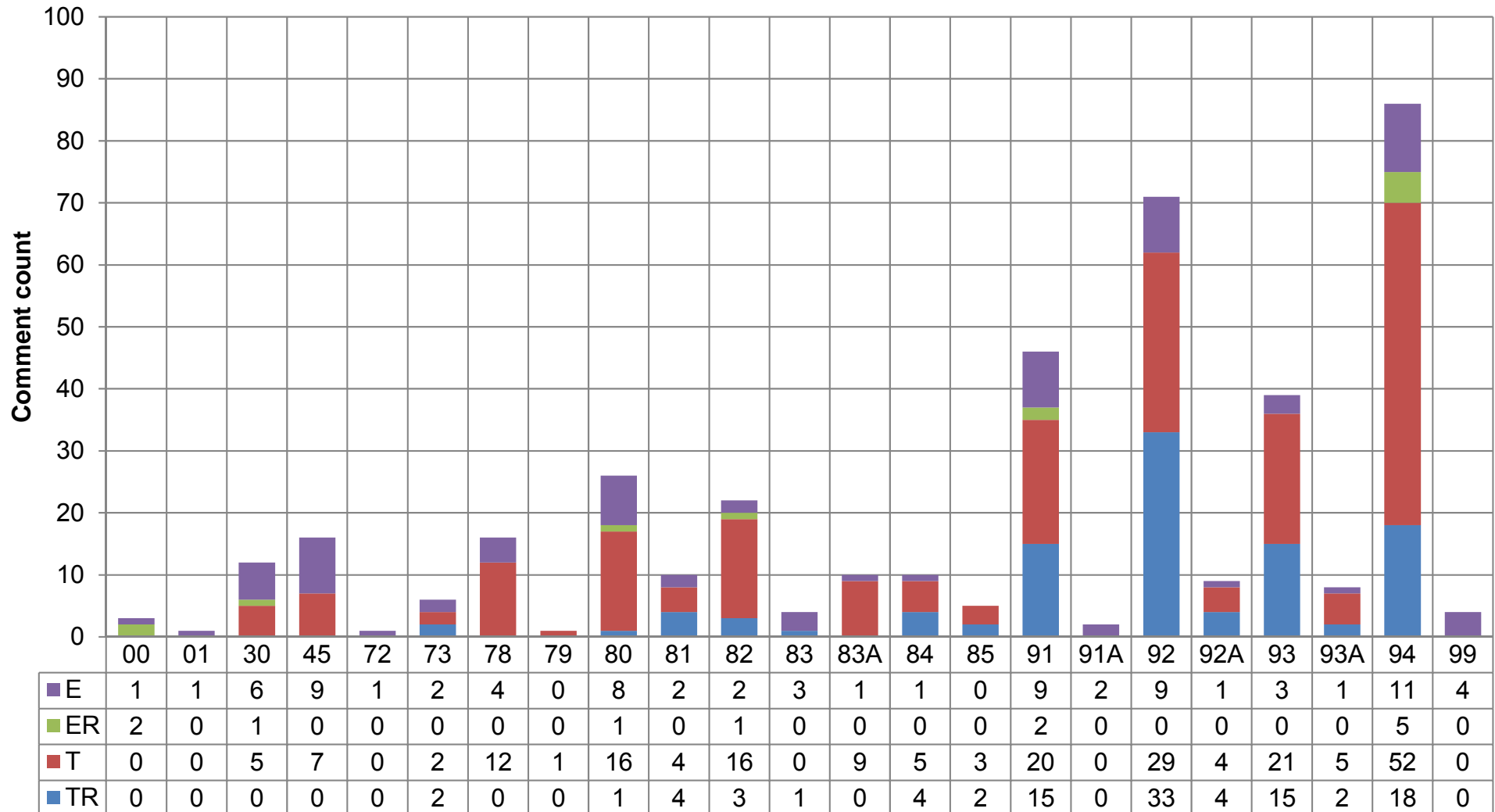
Editor	Edited
Hugh Barrass	Clauses 30, 45, 74, 78–85, Annexes 83A, 83C
Matt Brown	Clause 94
Chris DiMinico	Clause 92, Annex 92A
Adam Healey	Clauses 1, 69, 73, 91, 93, Annexes 91A, 93A, 93B

Activities since November 2012 meeting

- Draft 1.2 posted 15 October 2012
- Task Force review closed 30 October 2012
- 408 comments from 33 participants
- Proposed responses submitted by the editorial team
 - [Listed by Clause](#)
 - [Listed by ID](#)

Comment summary: 315 T(R), 93 E(R)

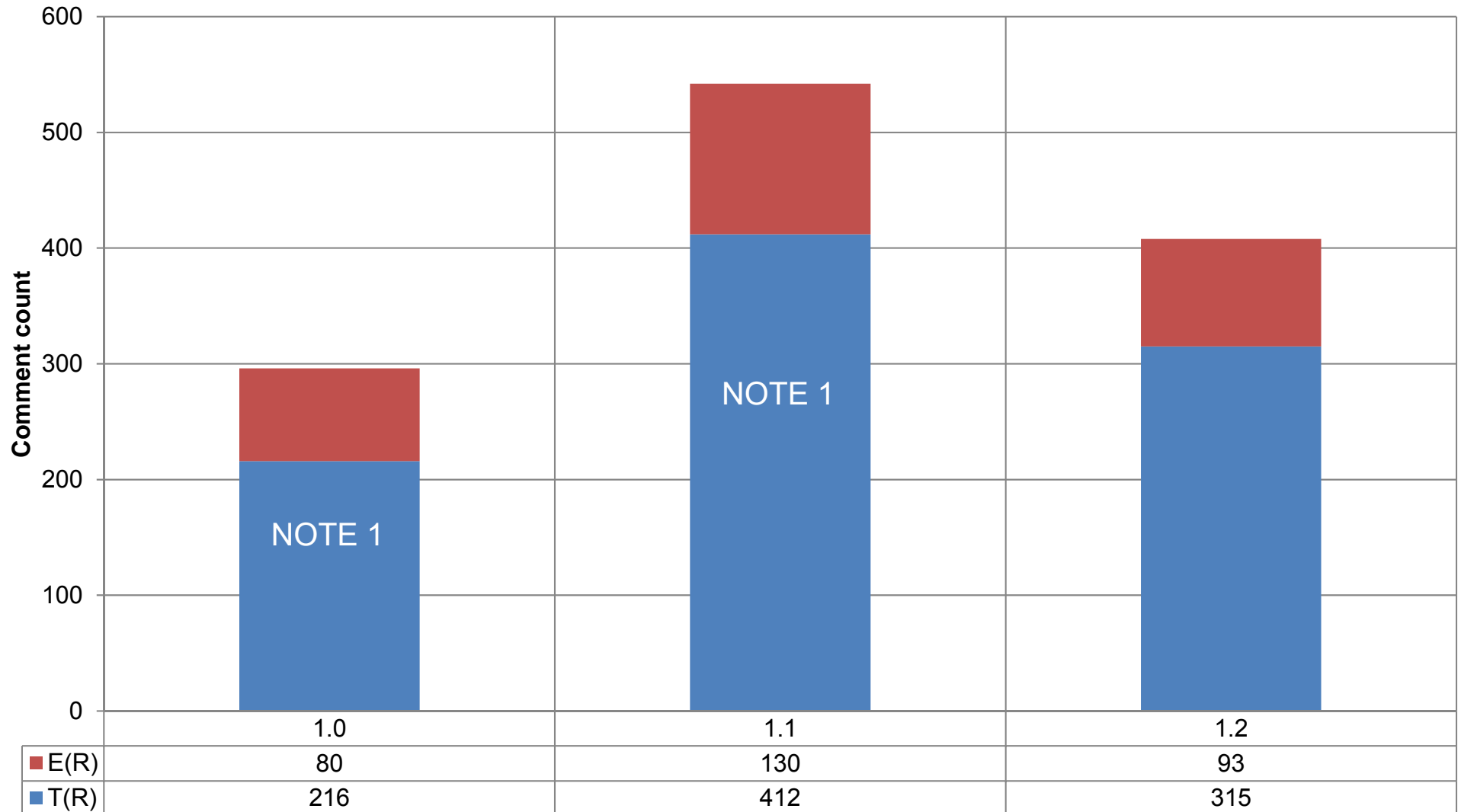
IEEE P802.3bj D1.2 3rd Task Force review



“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.

Comment history

IEEE P802.3bj Task Force review



NOTE 1: 43 unresolved comments were carried over from Draft 1.0 and considered against Draft 1.1.

Objectives for this meeting

- Respond to all comments against Draft 1.2
- Generate D1.3 and initiate 4th Task Force review
- Work toward a complete draft with no open technical issues

Comment resolution agenda Track 1

Subject to change

BTI – Transmit LPI state (scrambler bypass)

Cls	Topic	Comments (7)
80		100, 198
82		201, 283, 284
84		203, 106

BTI – Timing (TBDs)

Cls	Topic	Comments (12)
78		96, 42, 40, 43, 34, 35, 41
80		199
81		101
82		39, 202, 282

BTI – LLDP

Cls	Topic	Comments (1)
79		36

BTI – “OTN support”

Cls	Topic	Comments (3)
80		251
82		249, 331

Clauses 00, 73

Cl	Topic	Comments (6)
00	Naming “non-FW” mode	84
00	Definition of 100GBASE-P	160
73	Transmit/Receive Switch function	194, 195
73	PHY order in lists	82, 83

Clause 30

Cls	Topic	Comments (6)
	FEC management	93, 94, 367, 300, 301
	PHY order*	384

Clause 45

Cls	Topic	Comments (7)
	PHY order*	90
	General wording & style	297, 186
	Training mgmt	302
	FEC management	120
	FW management	121, 193

* - consider comments in other clauses on this topic

Clause 78

Cls	Topic	Comments (3)
	General wording & style	7, 95
	Terminology*	250

Clause 80

Cls	Topic	Comments (17)
	MDIs	303, 97
	General wording & style	98, 304, 335, 329, 333, 87, 406, 407
	PHY order*	85, 352
	Primitives	337, 338
	Delays	339, 385, 111

* - consider comments in other clauses on this topic

Clause 81

Cls	Topic	Comments (6)
	General wording & style	334, 340, 341, 327, 330
	PICS	14

Clause 82

Cls	Topic	Comments (8)
	General wording & style	188, 328
	EEE control	103, 102
	RAMs	75*, 77, 76
	PICS	6

* - might be affected by OTN issue

Clause 84, 85

Cls	Topic	Comments (7)
	General wording & style	305, 306
	PICS	20, 21, 23, 24, 25

Clause 83A

Cls	Topic	Comments (3)
	XLAUI/CAUI	286, 287
	rx_mode	291

* - might be affected by OTN issue

Non-controversial, bucket-worthy

CIs	Topic	Comments (52)
30	Ambiguity	354
30, 45, 82	Underlining	355, 356, 359, 37
30	Speling	382
30, 78	Base text	357, 358, 363
45, 78, 84	Numbering	360, 362, 361, 197, 196, 8
45, 78, 80, 82, 83, 83A	Typo (obvious)	187, 373, 192, 368, 92, 348, 351, 99, 364, 104, 86, 189, 372, 285, 288, 290, 289
45, 80, 81, 82, 84, 85	Editorial improvement	91, 366, 332, 365, 336, 200, 107, 105, 108, 109
78, 83A	Editor's note	38, 281
81, 82, 83, 83A, 84	Simple PICS	15, 16, 18, 17, 19, 292, 169, 22

More non-controversial, bucket-worthy

ClS	Topic	Comments (9)
00	Complete transition from -20XX to -2012	350
01	Remove trailing zeros	353
72	Error in subclause numbering (base document)	125
73	PICS	12, 13
99	Frontmatter	167, 156, 157, 349

Comment resolution agenda Track 2

Subject to change

Clause 91, Annex 91A

Cls	Topic	Comments (91:33, 91A:2, T:35)
91	BER monitor	67
91	Symbol-multiplexing PMA	295
91	Mandatory error indication	376, 369, 377, 378, 380, 381
91	Error indication operation	113
91	“Uncorrectable” codewords	3, 112, 2, 4, 5
91	EEE	115, 205, 207, 206, 209, 210, 208, 211, 114, 204
91	Transcoding	88, 89
91	BIP error monitoring	72
91	Incorrect cross-reference	110
91	Codeword alignment	212, 70
91	FEC lane mapping	183
91	PICS	26, 9
91A	Choice of example	65, 66

Non-controversial, bucket-worthy

Cl s	Topic	Comments (13)
91	Grammar	190
91	MDIO mapping mistake	191
91	Blatant errors	69, [379, 117, 68], 71, 73, 74
91	Editorial refinements	374, 375
91	PICS	10, 11

Comment resolution agenda Track 3

Subject to change

Clause 92, Annex 92A

Cls	Topic	Comments (92:32, 92A:1, T:33)
92	Skew, delay	60, 59
92	EEE	116
92	BER/FEC	235, 386, 312
92	Tx/Rx RL, CM	275, 219, 216, 256, 257, 398
92	Cable assembly RL	166, 408, 165
92	Cable assembly IL	314
92	Cable assembly SCD12	404
92	Cable assembly minimum IL	258, 322
92	Mated Test Fixtures IL (channel loss budget)	228, 62, 217, 313, 308, 323, 170
92	Mated Test Fixtures ICN	326, 63, 226
92	Mated Test Fixtures RL	224, 225
92	Mated Test Fixtures freq range	319
92A	Channel ICN	64

Clause 92, Annex 92A

Cls	Topic	Comments (92:15, 92A:2, T:17)
92A	Tx/Rx PCB IL	222, 223
92	Interference tolerance test	391, 311, 61, 403, 310
92	Tx jitter	399
92	Jitter definition	397, 184
92	Jitter mask	241
92	MDI text/MDI name	318, 405
92	PICS	33
92	PMD control function (bit pattern)	185
92	COM applicability	400
92	Host ILD (92.8.3.5)	390

Clause 93

Cls	Topic	Comments (35)
93	Test fixtures	[CM: 227], 49
93	Transmitter/receiver return loss	[TX: 229, 53], [RX: 230, 50], 294, [C-D: 177, 325]
93	BER specification	237
93	EEE	174, 118
93	Delay constraints	296
93	PMD functions vs. associated variables	172, 173, 171
93	Transition time	245
93	Transmit equalizer initialization	175
93	Transmitter far-end output noise	176
93	Jitter tolerance mask	242
93	Interference tolerance	46, [TC: 178, 80]
93	COM	[RL: 51, 52], [SER0: 79, 388], [TX: 180, 181, 182]
93	Other (non-COM) channel parameters	[214, 231], 55, 179
93	DC coupling	238

Clause 93, Annex 93A

Cls	Topic	Comments (93:2, 93A:7, T:9)
93	Package insertion loss model	48, 54
93A	Temperature sensitivity	402
93A	Frequency range	392, 395, 396
93A	Units	393, 394
93A	Scale bmax by h0	78

Clause 94

ClIs	Topic	Comments (25)
	Technical feasibility	401
	EEE	132, 143, 144, 133
	Loopback	262, 131
	Test pattern	145, 344
	PMA encoder	142
	Skew	261, 135
	Delay	134
	PMD service interface	119 (EEE), 128
	Training frame DME	161
	Training frame coefficient update	342, 343
	Training frame countdown	347, 146
	Training pattern	163, 324, 149, 147, 148

Clause 94

Cls	Topic	Comments (20)
	TX test fixture return loss	232, 233
	TX peak levels	151
	TX return loss	234, 56
	TX transition time	246, 136
	TX pulse response	247, 137
	TX linear fit	152
	TX initialize	129, 138
	TX far end noise	139
	TX linearity	277
	RX return loss, differential	58, 213
	RX return loss, common mode	215, 140
	RX interference tolerance	248, 141

Clause 94

Cl s	Topic	Comments (13)
	TX disable	270, 271, 272
	Channel COM	153, 47, 44, 45, 57
	Channel ICN	154
	Interference tolerance	81, 280
	Signaling rate units	162
	Identify the worst case $c(i)$ values	130

Non-controversial, bucket-worthy

ClS	Topic	Comments (92:30, 93:3, 94:28, T:61)
92		239, 320, 371, 307, 317, 220, 218, 221, 315, 299, 316, 253, 168, 243, 383, 240, 1, 255, 254, 29, 32, 309, 389, 321, 30, 31, 387, 27, 298, 370
93	Incorrect number of paragraphs.	293
93	Incorrect cross-reference	236
93A	Grammar	244
94		267, 155, 259, 268, 122, 164, 158, 269, 260, 263, 264, 266, 159, 345, 346, 273, 274, 150, 278, 265, 126, 127, 123, 124, 252
94	Withdrawn	279, 276, 275

Clean-up

Consider comments not included in any other group