

# **Editor's report**

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IEEE P802.3bj Task Force  
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## The editorial team...

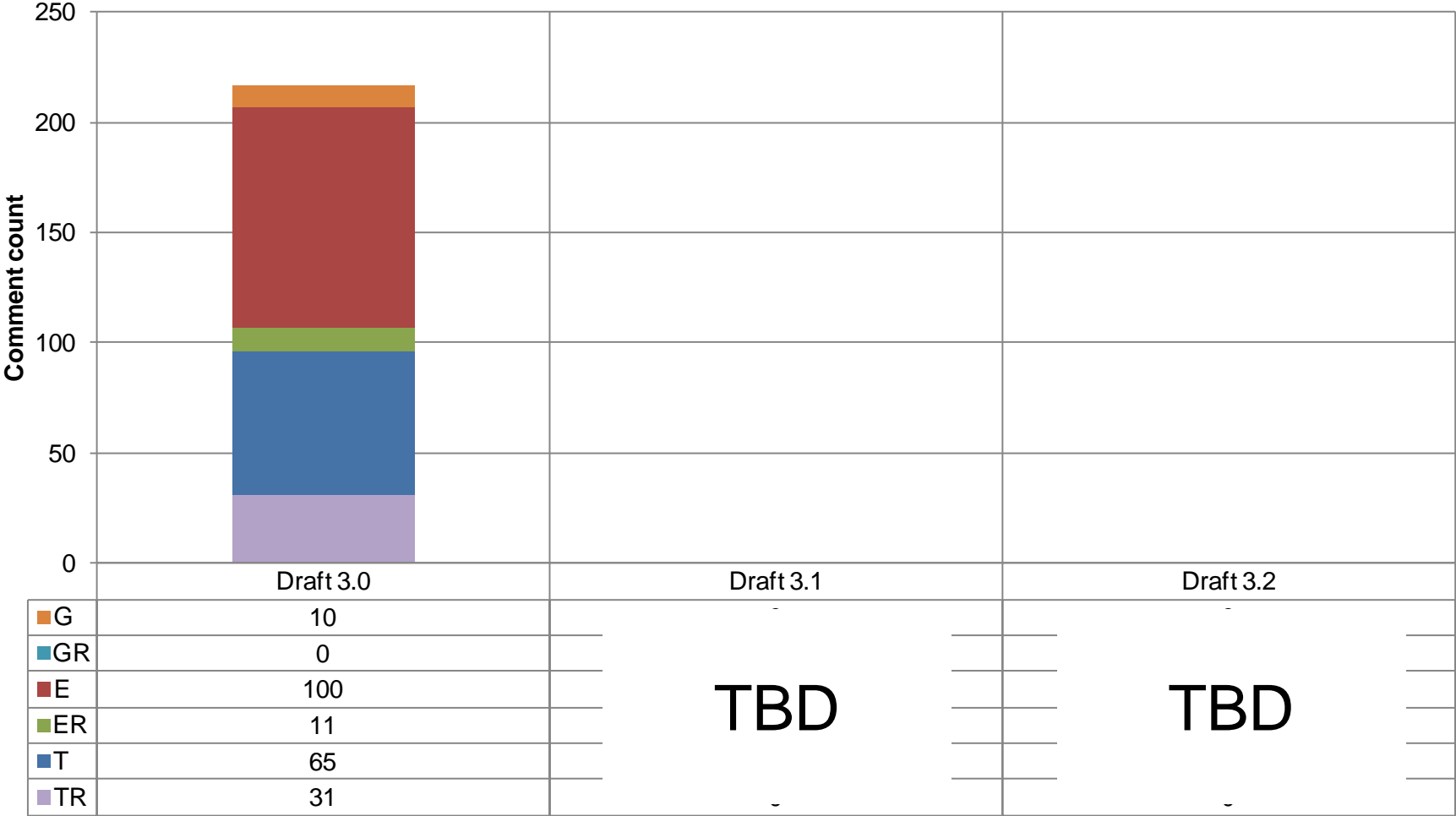
<b>Editor</b>	<b>Edited</b>
Hugh Barrass	Clauses 30, 45, 74, 78–85, Annexes 83A, 83C
Matt Brown	Clauses 1, 69, 73
Chris DiMinico	Clause 92, Annex 92A
Adam Healey	Clauses 91, 93, Annexes 91A, 93A, 93B
Arthur Marris	Clause 94, Annex 93C

# Activities since November 2013 meeting

- Draft 3.0 ballot opened November 18, 2013.
- Draft 3.0 ballot closed on December 18, 2013.
- 217 comments received from 20 balloters.
  - No late comments.
- Proposed responses prepared by editors posted January 16, 2014.

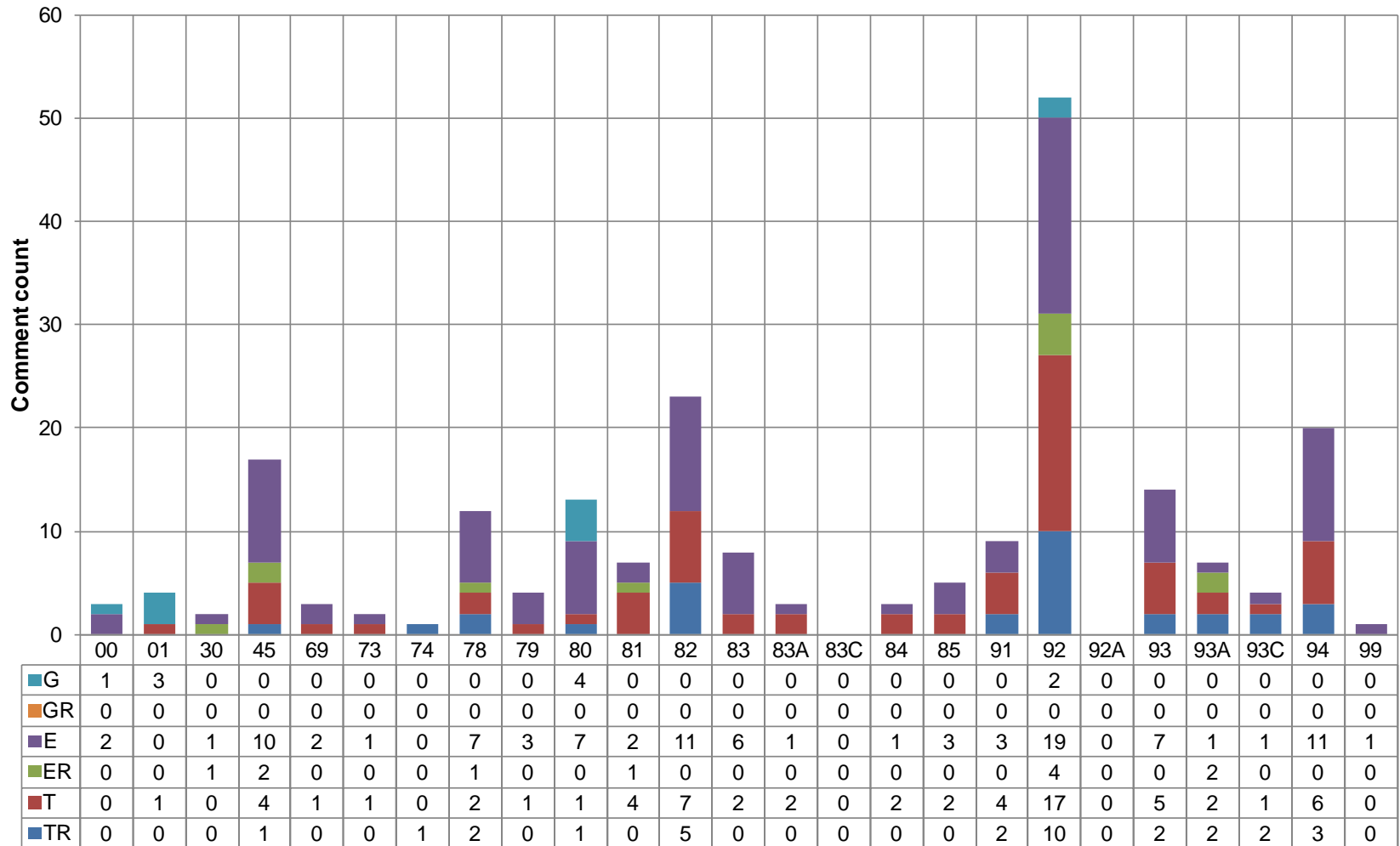
# Comment history – Sponsor Ballot

IEEE P802.3bj Sponsor Group Ballot



# Comment Summary by Clause

## IEEE P802.3bjD3.0 Sponsor Group Ballot



ER, TR, and GR denote that the commenter indicated the comment must be satisfied in order to change a “do not approve” vote to an “approve” vote.

# Objectives for this meeting

- Respond to all comments against Draft 3.0
- Generate Draft 3.1 for 1<sup>st</sup> Sponsor recirculation ballot

# **Comment resolution agenda**

Subject to change

# Clause 00, 01, 69, 73, 99 comments

Cls	Topic	Comments (4)	#
00	Editorial	6	1
00	Front matter	24, 58	2
1	Definitions, reach	7, 8, 9	3
69	Grammar	23	1
73	Introduction wording	33	1
	Total		8

Legend: (OOS) = Out of scope, [CC] = cross-clause, underline indicates “must be satisfied” (ER, TR, or GR) comment



# Cross-Clause and BTI, Part 1

<b>Cls</b>	<b>Topic</b>	<b>Comments</b>	<b>#</b>
82, 91	Definition of deskew process	109, 110, 111, 105, 107	5
45, 91	Per FEC lane alignment status	146, 145	2
83A, 84, 85, 92, 93, 94	PMD can't transmit two things at once	214, 205, 210, 211, 212, 216	6
Many	"Will"	66	1
91, 92, 93, 94	EEE *deep sleep* capability	179, 215, 213, 217	4
	Total		30

Legend: (OOS) = Out of scope, [CC] = cross-clause, underline indicates "must be satisfied" (ER, TR, or GR) comment

## Clause 30

Topic	Comment #	Preso?
Formatting	<u>26</u>	

## Clause 45

Total - 1

Topic	Comment #	Preso?
Formatting	<u>27</u> , 31, 30, 28	
Test pattern control	177	
802.3bk	<u>29</u> , 176,	
FEC control	145[CC]	
EEE indication	204	

Total - 9

## Clause 74

Topic	Comment #	Preso?
EEE service	118	

“TR & ER” comments underlined

CC = cross-clause

Total - 1

## Clause 78, 79

Topic	Comment #	Preso?
EEE description	97, <u>90</u>	
Editorial	<u>89</u>	
Maintenance	<u>88</u>	
Formatting	<u>39</u> , 41, 43	
PICS	44	

Total - 8

## Clause 80

Topic	Comment #	Preso?
Editorial style	2, 3, 4, 5, 65, 61	
Objectives	95	
FEC signaling	91	

“TR & ER” comments underlined

Total - 8

# Clause 81

Topic	Comment #	Preso?
Will statements	<u>66*</u>	
Editorial formatting	69, 70	
Should	71, 72	

Total - 5

# Clause 82

Topic	Comment #	Preso?
Align_status	107	
Editorial formatting	80, 82, 106	
Tx_mode	<u>100</u>	
Fast wake	<u>99, 101, 92</u>	
LPI state	98	
RAM alignment	<u>104</u> ran_3bj_02_0114	Y
deskew	105*	

“TR & ER” comments underlined

\* cross-clause effects for comment

Total - 11

# Clause 83/84/85, 83A

Topic	Comment #	Preso?
EEE interface	206	
PICS	108, 147	
Infer	10, 12, 11, 13, 14	
EEE wording	205, 210, 209, 211	

Total - 12

“TR & ER” comments underlined

# Clause 91 comments

Topic	Comments (4)	#
Legend for Figure 91-3	94	1
EEE *deep sleep* capability	179	1
Definition of deskew process	109, 110, 111	3
Per FEC lane alignment status	146	1
<b>Total</b>		<b>6</b>

Legend: (OOS) = Out of scope, [CC] = cross-clause, underline indicates “must be satisfied” (ER, TR, or GR) comment

## Cross-Clause and BTI, Part 2

Cls	Topic	Comments	#
92	Test fixture	122 diminico_01_0114	
92, 93, 94	Frame loss ratio target	188, 187, 189	3
92, 93, 94	"When" or "while"	135, 132	2
92, 93	Jitter	175, 133, 181, 154, 155, 156, 157, 158, 112 moore_3bj_01_0114 brown_3bj_02_0114	1
92, 93, 94	Training response time	113 ran_3bj_01_0114	1
92, 93, 94?	72.6.10 differences	134, 125	2
92, 93, 94	New transmitter text method annex	201	1
	Total		30

Legend: (OOS) = Out of scope, [CC] = cross-clause, underline indicates "must be satisfied" (ER, TR, or GR) comment

# Clause 92

Topic	Comments
EO jitter test pattern	153
ERJ/EBUJ test method	175,133,181
Linear fit description	157
Extrapolation method	158
Jitter target values	112
Jitter capitalization	152
Horizontal histogram (sample and bin size)	154,155
Window of signal VMA	156
SNDR – change requirement	129[TR]
Interference Tolerance test: replace ICN with COM	136[TR] dudek_3bj_01_0114
Cable assembly COM	128[TR]
Total	14



# Clause 92

Topic	Comments
EEE capability	213[CC]
ALERT	212[CC]
FLR target	187[TR][CC]
Tx disable text	132[CC]
Value of NP	127[TR][CC]
Adding module compliance board name	163[ER]
Tx RL provide graph equation (92–1)	126,149[ER]
Graph formats	150[ER]
Remove equation 92-20	208[ER]
Remove shall's from PICS	20,22,21,18,19
Total	15

# Clause 92

Topic	Comments
Horizontal histogram	206
Paragraph ordering 92.11	183
Move Tx test methods to Annex	201
Polynomial identifier text	16[CC]
Cable assembly COM requirement	121[TR],182[TR]
Tx and Rx PCB models	120[TR],123[TR]
Waveform capture sampling rate	119[TR]
Transition time	160
Signal Grounds – connector contacts	131
92.7.12 text clarification	125
Total	12

# Clause 93 comments

Topic	Comments (4)	#
Channel PICS	148	1
Changes to 10GBASE-KR PMD control function	134	1
Remove footnote from Table 93-4	195	1
Measurement bandwidth	165	1
DFE too long?	167	1
EEE *deep sleep* capability	215[CC]	1
Frame loss ratio target	188[CC]	1
PMD can't transmit two things at once	214[CC]	1
"When" or "while"	135[CC]	1
Total		9

Legend: (OOS) = Out of scope, [CC] = cross-clause, underline indicates "must be satisfied" (ER, TR, or GR) comment

# Annex 93A comments

Topic	Comments (4)	#
Refer to parameter values from Annex 93A	169	1
Transmission line models	172	1
Definition of continuous time filter	170, 173	2
"Close enough" to zero?	174	1
Total		5

Legend: (OOS) = Out of scope, [CC] = cross-clause, underline indicates "must be satisfied" (ER, TR, or GR) comment

# Clause 94

Topic	Comments	
FLR target	189 [TR,CC]	1
Change PHY to PMA in PMA test pattern description	178	1
Training frame response in less than 2 ms	113 [TR, CC 92/93] ran_3bj_xx_0114	1
Change RLmax to RLmin	54	1
Add more plots	190, 191, 192	3
New subclause for transmitter linearity test pattern	198	1
Delete "step 12 of" in the linear fit procedure	140	1
Transmitter jitter measurement filter	199	1
Reduce even-odd jitter value	200 [TR]	1
EEE deep sleep	217	1
Clarify ALERT overwrites PMA data	216	1
<b>Total</b>		<b>13</b>

# Annex 93C

#	Topic	Comments
1	Increase noise crest factor for 1E-12	142 [TR]
1	There aren't necessarily just two test cases	143
1	Transmit noise source in ITOL test	144 [TR]
3	<b>Total</b>	

# **Bucket Comments**

Subject to change

# Bucket comments, part 1

Clause	Topic	Comments	#
69	Editorial instructions	116	1
69	Correct wording	51	1
73	Editorial	34	1
99	Update officers/balloters	117	1
30		25	1
45		56, 57, 55, 202, 203, 32, 96, 102	8
78, 79		<del>50</del> , 35, 36, 32, 37, 38, 40, 42	8
80, 81, 82		1, 60, 63, 64, 46, 67, 68, 115, 73, 77, 45, 78, 79, 81, 74, 75, 76, 180, 103, 62 [CC]	20
83, 83A, 85		207, 114, <del>59</del> , 208, 83, <del>84</del> , 85	7
92		<del>15</del> , 49, 161, 162, 151, 124, 183, <del>193</del> , 186, <del>194</del> , <del>16</del>	11
	Total this slide		59



## Bucket comments, part 2

<b>Clause</b>	<b>Topic</b>	<b>Comments</b>	<b>#</b>
91	Editorial (91)	86, 87, 93	3
93	Fonts in figures	184	1
93	Link Annexes to Clauses	164	1
93	Editorial (93)	47, 197, 166	3
93	Clarify table captions (93, 94, 93A)	168[CC]	1
93A	Editorial (93A)	171	1
	Total this slide		10

## Bucket comments, part 3

#	Topic	Comments	#
93C	Delete the "for" in "specifies for the following items"	141	1
94	Text in figures should be either Arial or Helvetica font with size 8 pt.	185	1
94	Clause 94 is not consistent in the style used for multi-part equations	<del>53</del>	1
94	Change "may be" to "may"	137	1
94	Change "updated to indicated" to "updated to indicate"	138	1
94	Delete the "a" in "by the a training frame"	139	1
94	Remove footnote from Table 94-13.	<del>196</del>	1
94	The reference to "94.3.12.8.1" is not a link but it should be	48	1
	<b>Total</b>		<b>8</b>