

Editor's report

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

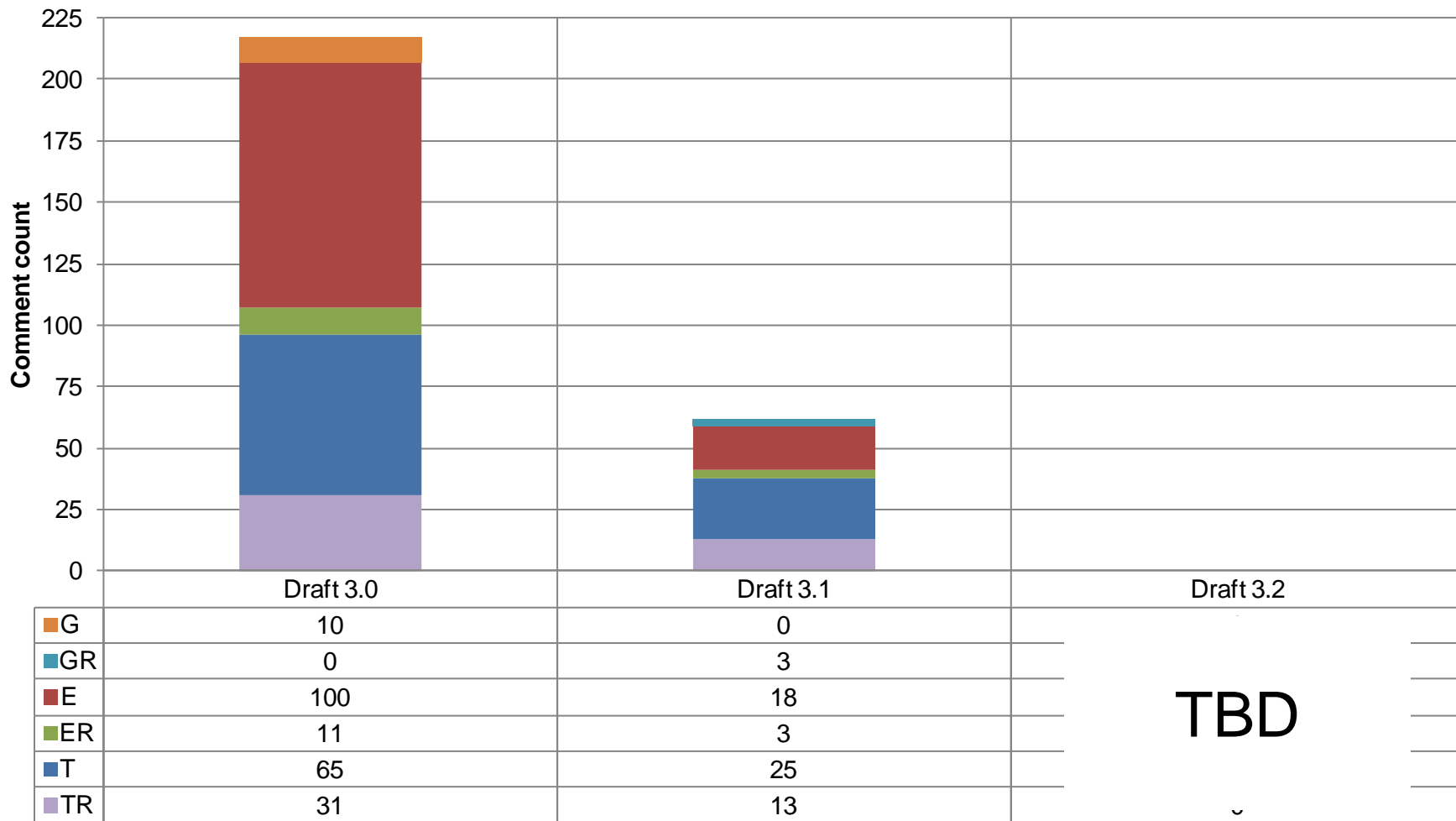
Editor	Edited
Hugh Barrass	Clauses 30, 45, 74, 78–85, Annexes 83A, 83C
Matt Brown	Clauses 1, 69, 73
Chris DiMinico	Clause 92, Annex 92A
Adam Healey	Clauses 91, 93, Annexes 91A, 93A, 93B
Arthur Marris	Clause 94, Annex 93C

Activities since January 2014 meeting

- Draft 3.1 ballot opened February 13, 2014.
- Draft 3.1 ballot closed on February 28, 2014.
- 62 comments received from 11 balloters.
 - 3 comments from outside sponsor group
 - 3 comments submitted after the ballot closed
- Proposed responses prepared by editors posted March 12, 2014.

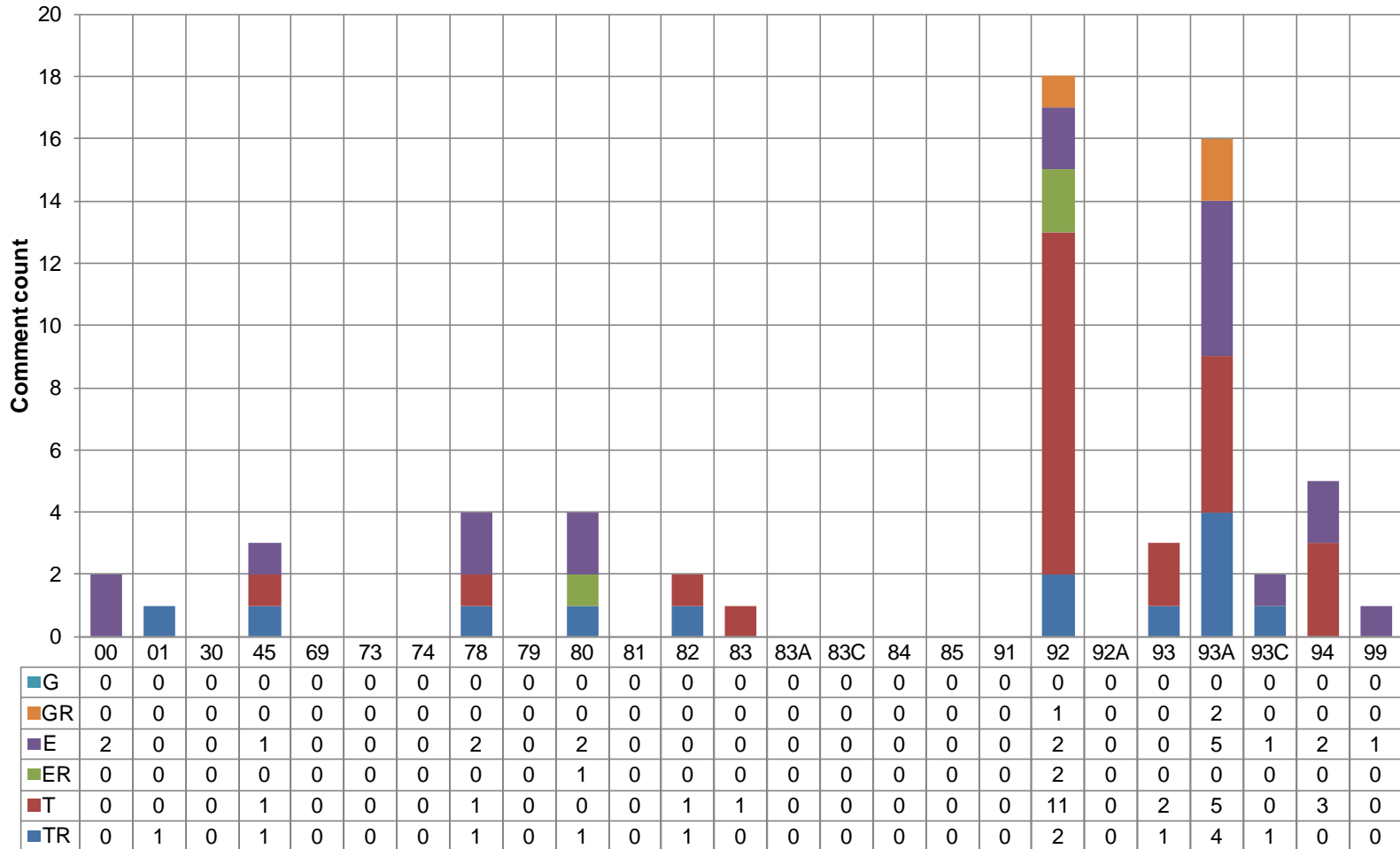
Comment history – Sponsor Ballot

IEEE P802.3bj Sponsor Group Ballot



Comment Summary by Clause

IEEE P802.3bjD3.1 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 3.1.
- Generate Draft 3.2 for 2nd Sponsor recirculation ballot.

Adhoc report

Ad Hoc Summary

- A series of two ad hoc meetings was held to foster consensus on 802.3bj Draft 3.1 comment resolution.
- Attended by 22 individuals.
- Discussed 9 comment resolution topics.
- For most topics, arrived at amenable comment response proposals.
- Comment 49 regarding host return loss required further offline consensus building.
- Comment 43 does not affect 802.3bj, but has consequences on 802.3bm.

Ad Hoc Topics

- Topic #1: 92 Host transmitter return loss, comment 49
 - Mike Dudek presented dudek_3bj_01_0314.
- Topic #2: 92 Language in interference tolerance test, comment 52
- Topic #3: 94/93A SNRTX versus SNDR, comments 28, 33, 54
- Topic #4: 93A Enforce minimum $c(0)$, comment 14
- Topic #5: 93A ILDRMS, comments 56, 55, 47, 46, 25, 45, 24
- Topic #6: 93A Transmission line model, comments 29, 50, 27
 - Adam Healey presented healey_3bj_01_0314
- Topic #7: 93 DC extrapolation and f_{min} , comment 35
- Topic #8: 92 Host output jitter, comment 44
 - Adam Healey presented healey_3bj_03_0314.
- Topic #9: 92 Compliance board mixed mode specifications, comment 43
 - Piers Dawe presented daw_02_0314_optx.

Ad Hoc Attendees

- Adam Healey – LSI
- Adee Ran – Intel
- Andre S – Inphi
- Brian Misek – Avago
- Charles Moore – Avago
- Chris Diminico – Panduit
- Erdem Matoglu – Amphenol
- Hugh Barrass – Cisco
- Jeff Slavick – Avago
- Karl Bois – HP
- Liav Ben-Artzi – Marvell
- Mark Bugg – Molex
- Matt Brown – Applied Micro
- Megha Shanbhag – TE Connectivity
- Mike Dudek – Qlogic
- Mike Peng Li – Altera
- Oded Wertheim – Mellanox
- Peter Anslow – Ciena
- Piers Dawe – Mellanox
- Qi Chen – Loro America
- Richard Mellitz – Intel
- Robert Wu – Ericsson
- Tom Palkert – Molex

Comment resolution agenda

Subject to change

Clause 00, 01, 69, 73, 99 comments

ClS	Topic	Comments (4)	#
00	SA editorial requirements	60	1
00	Editorial	7	1
01	“Normative” language in definitions	20	1
99	Editorial	6	1
	Total		4

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

Clause 30, 74, 79 - none

Clause 45

Topic	Comment #	Preso?
Test control	2*, <u>13</u>	

Total - 2

Clause 78

Topic	Comment #	Preso?
Service interface	31	
EEE description	12, <u>16</u>	

Total - 3

Clause 80

Topic	Comment #	Preso?
FEC name	<u>22</u>	
FEC description	<u>3</u>	
.indication	<u>61</u>	

Total - 3

“TR & ER” comments underlined

* - cross-clause

Clause 82

Topic	Comment #	Preso?
LPI state machine	30, <u>4</u>	

Total - 2

Clause 83

Topic	Comment #	Preso?
Xref fix	21*	

Total - 1

“TR & ER” comments underlined

* - cross-clause

Non-controversial (bucket-worthy)

Clause	Comment #
45	8
78	9
80	19

Total - 3

Cross-Clause topics

Cls	Topic	Comments	#
93A, 94	SNR _{TX} versus SNDR (CC)	[28 , <u>33</u> , <u>54</u>] mellitz_3bj_01_0314	3
92, 93, 94	Training control response time	[23 ,48] (CC)	2
93A	ILD _{RMS}	[56, 55, 47, 46, 25], 45, 24, <u>26</u>	8
	Total		13

Legend: (CC) = cross-clause, underline indicates “must be satisfied” (ER, TR, or GR) comment

Clause 92, comments

Cl's	Topic	Comments
92	92.10.2 – cable assembly MDNEXT, MDFEXT	53
92	92.10.2 – cable assembly insertion loss	39
92	92.11.1.2 – test fixture reference insertion loss	42
92	92.11.3.1 – test fixture minimum insertion loss	40
92	92.11.3.3 – test fixture specifications	43
92	92.14.4.5 – CA2 PICS reference and ILcmin	34[GR]
92	92.8.3 – Transmitter noise parameters	51
92	92.8.3.2 - Transmitter differential output return loss (presentation cited)	49[TR] dudek_3bj_01_0314
92	92/92A Graphs – replace with vectors	36
92	92.8.3.6.1 – Test pattern reference	38
92	92.8.3.6.1 – captured waveform sampling vs fitting process – integer M	37
92	92.8.3.9.2 – aggressor amplitudes – check P and L number	57
92	92.8.4.2 – receiver RL reference	41[ER]
92	92.8.4.4.3 -interference tolerance test channel calibration	52
92	92.8.4.5 - Receiver jitter tolerance	58
	Total	15

93, 93A comments

Cl	Topic	Comments	#
93	UJ allowance at TP0a, TP2 (CC)	44 healey_3bj_03_0314	1
93	Receiver jitter tolerance	59	1
93	DC extrapolation and f_{\min} (CC)	<u>35</u>	1
93A	Merge sentences	62	1
93A	Transmission line model	[<u>29</u> , <u>50</u> , <u>27</u>] healey_3bj_01_0314	3
93A	Reflection coefficients are constant	5	1
93A	Equations are truncated	15	1
93A	Enforce minimum $c(0)$ (CC)	<u>14</u>	1
	Total		10

Legend: (CC) = cross-clause, underline indicates “must be satisfied” (ER, TR, or GR) comment

93C, 94 comments

Cl s	Topic	Comments (4)	#
93C	Cross reference	11	1
93C	Measure peak voltage for COM	32 (CC)	1
94	Register address values	10, 1	2
94	Test pattern description and control	17 (CC)	1
94	Missing text	18	1
	Total		6

Legend: (CC) = cross-clause, underline indicates “must be satisfied” (ER, TR, or GR) comment