

Editor's report

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P802.3by Editor-In-Chief

IEEE P802.3by Task Force

September 2013

Meet the team...

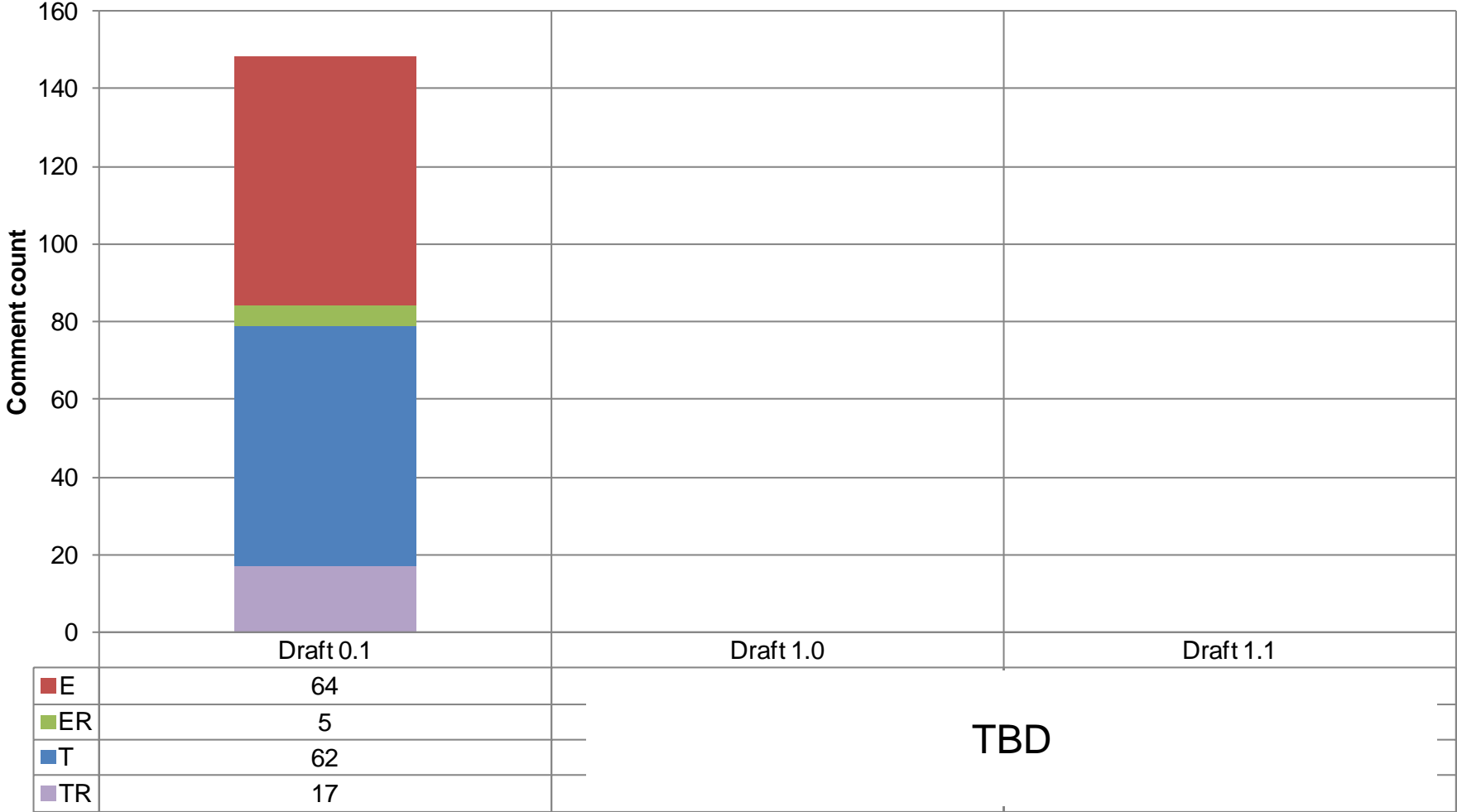
Editor	Clauses
Matt Brown Editor-in-Chief	Front, 1, 69, 93A, 105, 109, 109A, 109B, 109C
Arthur Marris	4, 4A, 30, 31B, 45, 73, 74, 106, 107
Adee Ran	108, 110, 111
Chris Diminico	110 (CA/MDI), 110A, 110B, 110C
Jonathan King	112

Activities since January 2015 meeting

- Draft 0.1 task force review opened February 10.
- Draft 0.1 task force review closed on February 23.
- 148 comments received from 16 reviewers
 - no late comments
 - 2 comments withdrawn
- Proposed responses prepared by editors posted March 3.

Comment history – P802.3by Task Force review

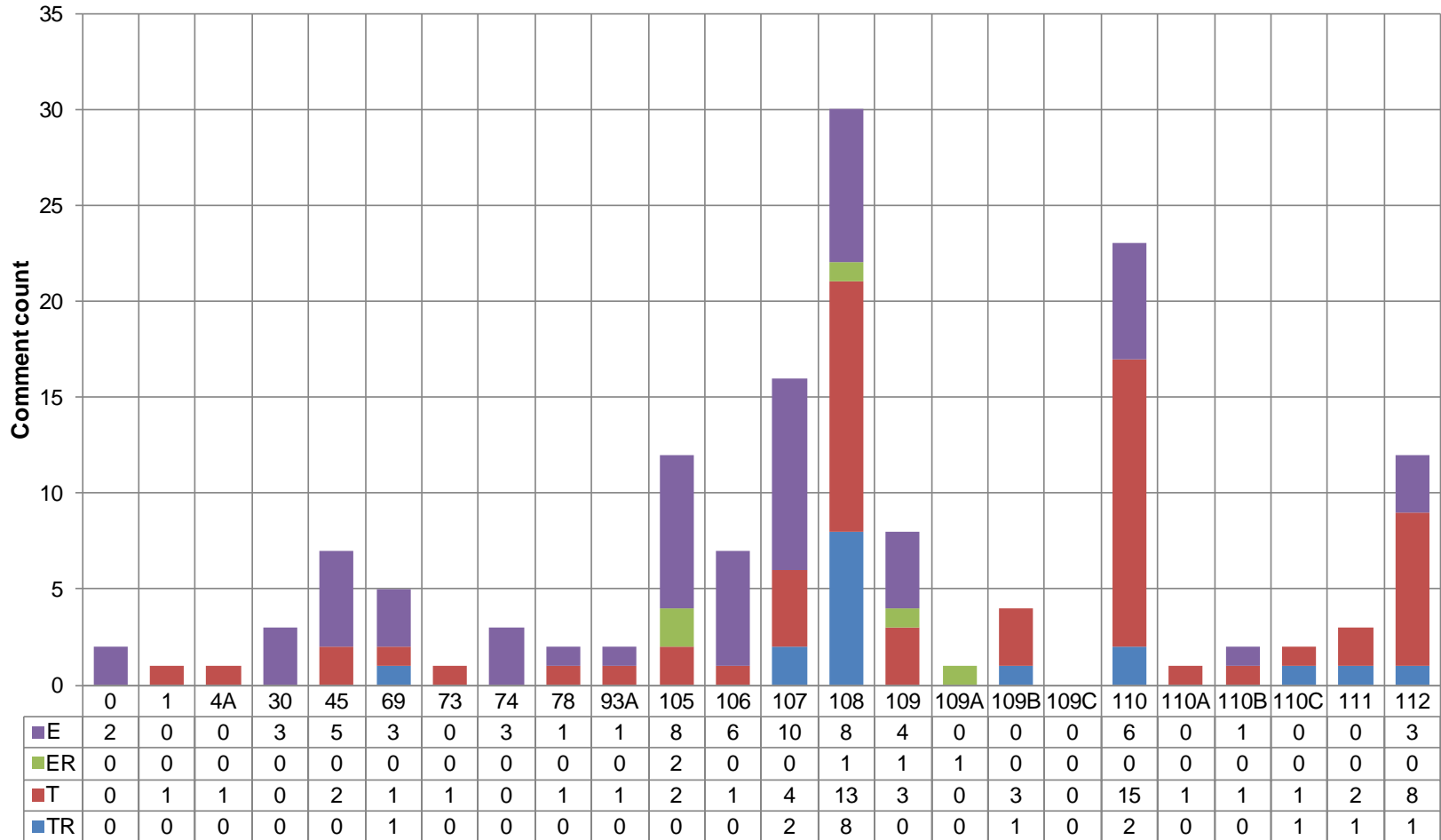
IEEE P802.3by Task Force Review



ER and TR denote that the commenter feels strongly about the comment.

Comment Summary by Clause

IEEE P802.3by D0.1 Task Force Review



ER and TR denote that the commenter feels strongly about the comment.

Objectives for this meeting

- Respond to all comments against Draft 0.1.
- Generate and approve content for incomplete specifications.
- Generate Draft 1.0 for 2nd Task Force review.

Comment resolution agenda

Subject to change

Agenda, Subject to Change

Topic
BTI presentations (1PM Monday)
BTI comment resolution (1PM Tuesday)
Cross-Clause Topics
Clauses 000, 001, 069, 093A
Clauses 004A, 030, 045, 073, 074, 078
Clause 105
Clause 112
Clause 106, 107
Clause 108
Clause 109, 109C, 109A, 109B
Clause 110, 110A, 110B, 110C
Clause 111

Big Ticket Items (BTI)

Clause	Topic	Comment #	Count
069, 111	Backplane PHY types/modes	72, 59*	2
073, 105, 110, 110C	Cable PHY types/modes and AN	92, 147, 42 dudek_...	4
110	Cable types and specs	14, 54*, 55	3
107, 108	RS-FEC error marking and PCS hiber	13, 35, 127* slavick_... baden_...	3
108	RS-FEC EEE	129 ran_3by_01_0315	1
	Total		13

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

Cross-clause (CC) topics

Clause	Topic	Comment #	Count
000, 069	Nomenclature: “25 Gb/s” vs. “25 Gigabit”	2, 5, 7	3
069, 105, 106	MII instantiation	21, 111, 117*	3
105, 108	RS-FEC delay	113*, 114, 115	3
	Total		9

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

Clause 000, 001, 069, 093A comments

Clause	Topic	Comment #	Count
093A	COM PHY table	136, 66	2
	Total		2

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

Clause 04A, 030, 045, 73, 74, 78 comments

Clause	Topic	Comment #	Count
4A	Add "or 25G-MII"	65	1
30	Insert the 25G entries between 10G and 40G entries	16	1
45	Use of register 1.17 clashes with EPOC	38, 20	2
45	More subclauses need to be brought in after 45.2.1.95 to include reference to Clause 108	9	1
74	Typo in using the word "encoder" instead of "decoder"	39	1
78	25G-AUI and XLAUI/CAUI-10 entries should be swapped	132	1
78	Change "109A, 109B" to "109A"	74	1
	Total		8

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

Clause 105 comments

Clause	Topic	Comment #	Count
105	Figure nomenclature	41*, 124	2
105	Service interface wording	119	1
105	Service interface inclusion	137	1
	Total		4

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

Clause 106/107 comments

Clause	Topic	Comment #	Count
106	Change title of clause	3	1
107	Is detection of scrambled IDLE required, or only generation?	43*, 25, 97, 27	4
107	Why is the PMA interface one bit wide instead of 16 bits wide like in CL49?	26	1
107	Need consistent notes for FEC and AN amongst all of the layer diagrams	98	1
107	Description of EEE fast wake operation	120	1
107	Do not copy Figure 107-2 and Figure 107-3	118	1
	Total		9

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

Clause 108 comments

Clause	Topic	Comment #	Count
108	PMA compatibility	6	1
108	Block types	28, *30	2
108	CWM contents TBD	128	1
108	CWM spacing	29*, 112	2
108	Bypassing error correction/marking	45, 81	2
108	Rate compensation for CWM in RX direction	*36, 82, 83	3
108	Receive bit ordering diagram typos	*15, 31	2
108	FEC synchronization state diagram	(34, *116), (*84, 32)	4
108	Codeword monitor state diagram	33	1
108	Editorials	86	1
108	MDIO variable names	10 [CC]	1
	Total		20

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

Clause/Annex 109, 109A, 109B, 109C comments

Clause	Topic	Comment #	Count
109	PMA:IS_SIGNAL.indication(SIGNAL_OK)	126	1
109	Test pattern MDIO variables	11, 49*	2
109	Use of "PMA client"	48	1
109A	"25G-AUI C2C" vs "C2C 25G-AUI"	138 [CC]	1
109B	25G-AUI C2C BER target	145 [CC] dawe_...	1
109B	PICS errors	68, 67	2
110B	Autonomous adaptive CTLE	110	1
	Total		9

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

Clause 110/111 comments

Clause	Topic	Comment #	Count
110	BER, DER, COM parameters for Base-R FEC and no-FEC	50, 12*, 8	4
110	MDI Nomenclature	130	1
110	Technical/editorial corrections	103, 104, 108, 106	4
110	Host board losses	46	1
110	RX test	89, 51, 90, 52, 146, 53 mellitz_...	6
111	Technical/editorial corrections	60, 139	2
	Total		18

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

Clause 110A/B/C comments

Clause	Topic	Comment #	Count
110A	Channel Operating Margin reference	57	1
110B	SFP test fixture label	58	1
110B	Delete ICN equations	109	1
110C	Clarification of FEC text	69	1
	Total		5

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

Clause 112 comments

Clause	Topic	Comment #	Count
112	Correct IEC ref's for MM connector plug & receptacles	143, 142, 63,	3
112	Hazard level 1	64, 144	2
112	Tx and Rx lanes	134, 135	2
112	Global indicators	61, 140	2
112	No Rx aggressor	62	1
112	Operating range	141	1
112	Fiber optic cabling model	148	1
	Total		12

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

Withdrawn comments

Clause	Comment #	Count
105	121	1
110	56	1
Total		2

Bucket Comments

Subject to change

Bucket (non-controversial) comments

Clause	Comment #	Count
001	70	1
030	1, 19	2
045	37, 71, 17, 18	4
069	73, 131	2
074	40, 22	2
105	23, 24, 75, 122	5
106	4, 93, 94, 95, 96,	4
107	44, 76, 99, 100, 101, 102,123	7
108	77, 79, 78, 80, 85	5
109	125, 133, 47, 87	4
110	88, 91, 105, 107	4
Total		40