Agenda for the August 26 Meeting

P802.3by 25 Gb/s Ethernet Task Force
Architecture Ad Hoc
Matt Brown, APM
802.3by Editor-In-Chief

802.3by ad hoc communications

- The 802.3by ad hoc web page is here:
    - http://www.ieee802.org/3/by/public/adhoc/index.html
    - Includes ad hoc meeting schedule and WebEx information.
- All task force e-mail communications are via the 802.3by reflector
    - archive and subscription links are here:
      http://www.ieee802.org/3/by/

Meeting

- Attendance
  - Attendee names and affiliations for these ad hoc meetings will be taken from the WebEx participants list.
  - Please ensure that your full name and employer/affiliation are indicated correctly.
  - If the WebEx participants list does not correctly indicate your name and employer/affiliation, please send an e-mail to the ad hoc recording secretary:
  Kent Lusted (kent dot c dot lusted at intel dot com).
- WebEx
  - Please mute your lines if you are not speaking
    - *6 to mute/unmute or click on mute button in the WebEx window
  - Noisy, unmuted lines will be muted by the WebEx organizer
    - *6 to unmute if this happens to you

Proposed agenda

- Approval of the Agenda
- IEEE patent policy reminder: http://www.ieee802.org/3/patent.html
- Approval of draft minutes for August 12
- P802.3by Task Force Update, Mark Nowell
- P802.3by D2.0 editorial update, Matt Brown
- "Draft 2.0 Comment Review", Matt Brown
- Discussion.
- Next ad hoc meeting September 2.

EDITORIAL UPDATE

Tentative editorial schedule

- ~~Jul 14: Comment responses against Draft 1.2 approved~~
- ~~Jul 16: Working group ballot approved.~~
- ~~Jul 18: Initial (Draft 2.0) Working Group ballot opened~~
- ~~Aug 12: Architecture ad hoc~~
- ~~Aug 16: Initial (Draft 2.0) Working Group ballot closed~~
- ~~Aug 18: Post Draft 2.0 comments~~
- Aug 26: Architecture ad hoc * today *
- Sep 2: Architecture ad hoc
- Sep 9: Architecture ad hoc
- Sep 10: Post comment responses
- Sep 16-18: P802.3by task force meeting

Draft 2.0 Comment Review

P802.3by 25 Gb/s Ethernet Task Force
Architecture Ad Hoc
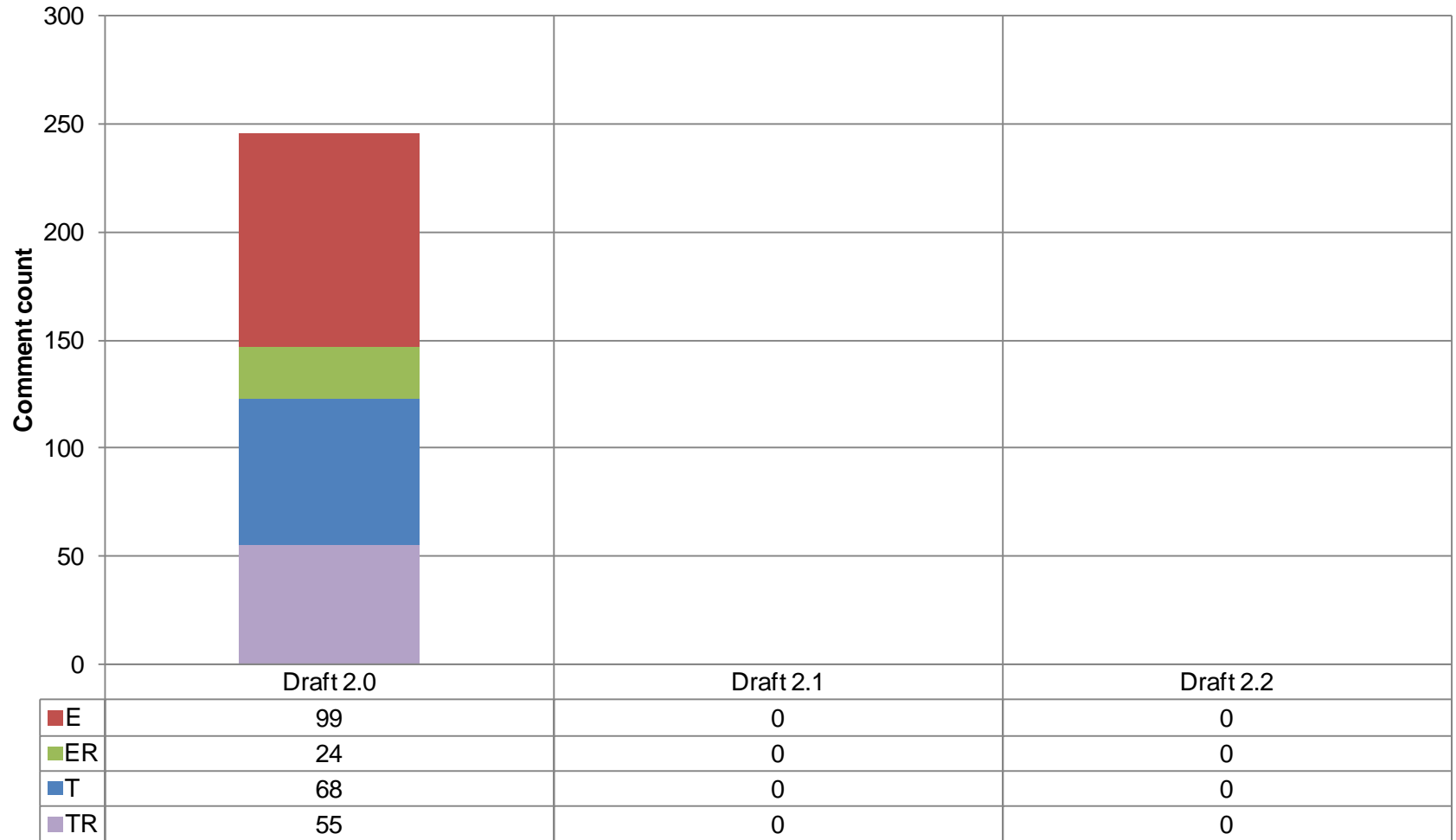Matt Brown, APM
802.3by Editor-In-Chief

P802.3by 802.3by initial ballot results

- Initial (Draft 2.0) Working Group ballot opened July 18.
- Ballot closed on August 16.
  - 278 Voters
  - 111 Approve
  - 23 Disapprove
  - 8 Abstain
  - 142 Ballots returned
  - 51.08% Response Rate (> 50% required)
  - 5.63% Abstain Rate (< 30% required)
  - 82.84% Approval Rate (>= 75% required)
- Comments posted August 18
  - 2 more subsequent postings to handle overlooked comments
- 246 comments received from 32 reviewers
  - two late comments
  - 79 ER and TR comments

Comment history – P802.3by Working Group ballot
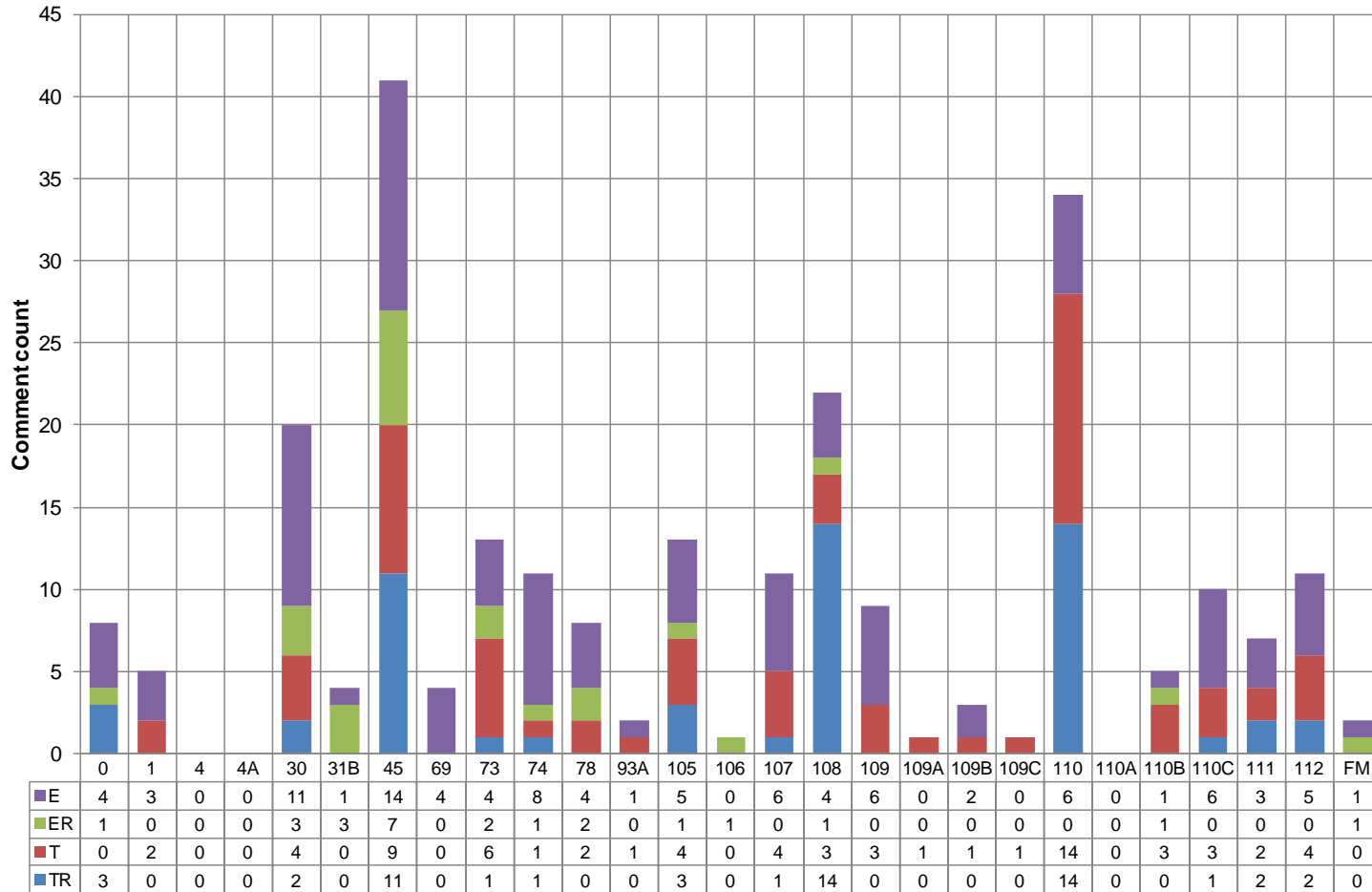
IEEE P802.3by Working Group Ballot

	Draft 2.0	Draft 2.1	Draft 2.2
E	99	0	0
ER	24	0	0
T	68	0	0
TR	55	0	0

ER and TR are associated with a disapprove ballot.

Comment Summary by Clause

IEEE P802.3by Working Group Ballot

Comment count

	0	1	4	4A	30	31B	45	69	73	74	78	93A	105	106	107	108	109	109A	109B	109C	110	110A	110B	110C	111	112	FM
■ E	4	3	0	0	11	1	14	4	4	8	4	1	5	0	6	4	6	0	2	0	6	0	1	6	3	5	1
■ ER	1	0	0	0	3	3	7	0	2	1	2	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	1
■ T	0	2	0	0	4	0	9	0	6	1	2	1	4	0	4	3	3	1	1	1	14	0	3	3	2	4	0
■ TR	3	0	0	0	2	0	11	0	1	1	0	0	3	0	1	14	0	0	0	0	14	0	0	1	2	2	0

ER and TR are associated with a disapprove ballot.

BTI

Cls	Topic	Comment #
30, 45, 78	get rid of xx Gb/s or greater speed	83, 179
73	fix AN for interoperation of 25GBASE-CR-S and 25GBASE-CR PHYs – there is a simple fix for this	144, 226
73	new feature to improve AN functionality with break-out cables	192
73	new feature to allow advertisement of 10G direct attach copper cable assembly	194
73	new feature to introduce ability to negotiate asymmetrical FEC operation	193
105	Backplane PHY FEC options	203
107	new feature to add a counter for received control blocks	191
107, 108	OTN	136, 137, 138, 139, 190
108	FEC synchronization state diagram	123, 131
108	Bypass error correction / indication	153, 111, 112, 115
110	3 m no FEC	118, 175, 176, 119, 97, 98, 95, 92, 93, 96, 173, 133
110	Multi-lane Receiver Interference Tolerance Test	240, 202
109B	25GAUI C2M module adaptive receiver	183