

IEEE P802.3by 25 Gb/s Ethernet over a single lane for server interconnect Task Force Closing Report

Mark Nowell

Cisco

Macau, China

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IEEE P802.3by 25 Gb/s Ethernet Task Force Project information

Task Force Organization

Mark Nowell, Cisco, IEEE P802.3by Task Force Chair

Kent Lusted, Intel, IEEE P802.3by Task Force Secretary

Matt Brown, APM , IEEE P802.3by Task Force Chief Editor

Task force web and reflector information

Reflector information: <http://www.ieee802.org/3/by/reflector.html>

Home page: <http://ieee802.org/3/by/index.html>

PAR: http://www.ieee802.org/3/by/P802_3by_PAR_approved_121214.pdf

CSD: http://www.ieee802.org/3/by/P802_3by_CSD.pdf

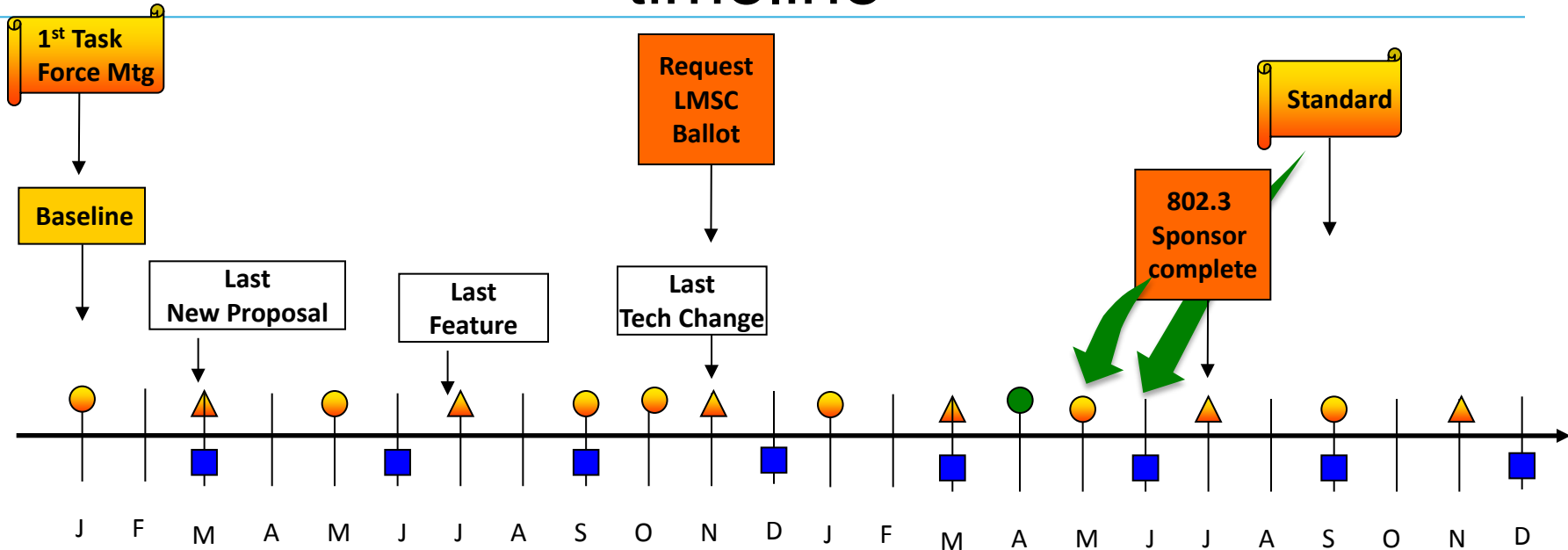
Objectives: http://www.ieee802.org/3/by/P802_3by_Objectives.pdf

Approved timeline: http://www.ieee802.org/3/by/approved_timeline_3by.pdf

Private area: <http://ieee802.org/3/by/private/index.html>

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IEEE P802.3by 25 Gb/s Ethernet Adopted timeline



■ Current

Legend

- ▲ IEEE 802 Plenary
- IEEE 802.3 Interim
- IEEE-SA Standards Board

* Adopted Jan, 2015

IEEE P802.3by Progress this week

19 attendees

1 technical contribution was made

D3.1 Comment resolution

All received comments resolved (G: 0 E:15 ER:0 T:10 TR:10)

Changes to be implemented in D3.2

Final comment responses <http://www.ieee802.org/3/by/public/comments>

Remaining Unsatisfied comments:

1 unsatisfied comment from D3.1

1 unsatisfied comment from D3.0

Key motions:

Motion # 3: Move to generate Draft 3.2 for Sponsor Ballot recirculation from Draft 3.1 and the closed comments. **Passed by voice vote without opposition.**

Motion # 4: Move that the P802.3by Task Force re-affirm the CSD responses in http://www.ieee802.org/3/by/P802_3by_CSD.pdf and request conditional approval to progress the IEEE P802.3by draft to RevCom once the Sponsor ballot process has been successfully completed.. **Y/N/A: 18/0/0**

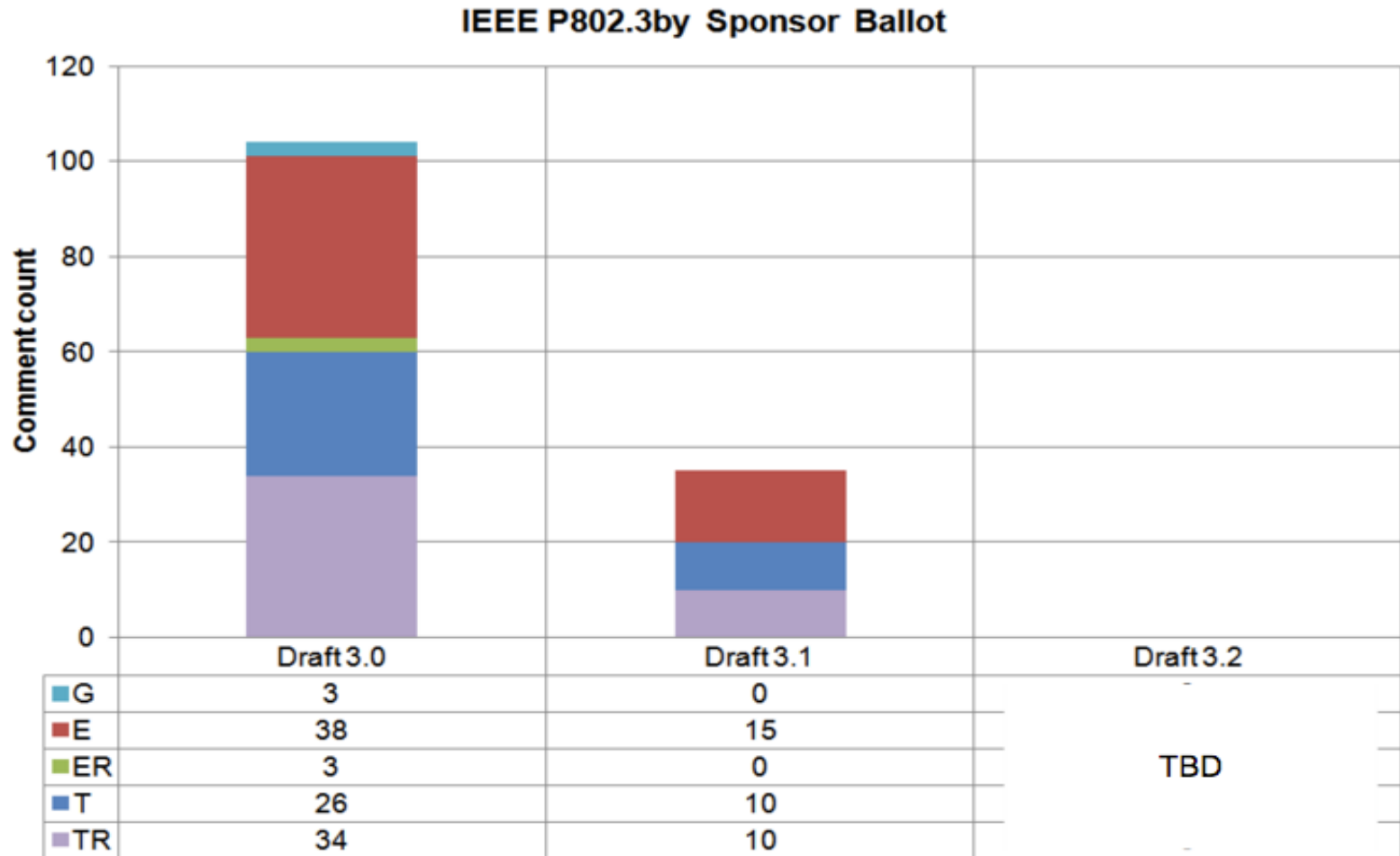
P802.3by Sponsor Ballot Statistics

	Initial D3.0			1 st Recirculation D3.1			2 nd Recirculation D3.2		
	#	%	Status	#	%	Status	#	%	Status
Abstain	4	4	PASS	6	5	PASS	-	-	-
Disapprove with comment	10	-	-	2*	-	-	-	-	-
Disapprove without comment	2	-	-	1	-	-	-	-	-
Approve	95	91	PASS	110*	97	PASS	-	-	-
Ballots returned	111	78	PASS	119	83	PASS	-	-	-
Voters	14 2	-	-	142	-	-	-	-	-
Comments	10 4	-	-	35	-	-	-	-	-

* One flipped vote since ballot close

Sponsor Ballot comment history

Comment history – P802.3by Sponsor ballot



ER and TR are associated with a disapprove ballot.

Request for additional modification

- In subclause 111.8.3.1, there are tables that specify parameters for a receiver interference tolerance test.
- The test was intended to be based upon Clause 93 including the equivalent parameter table.
- One key parameter in that table (RSS_DFE4) was not carried over in the initial editing process (Draft 1.0) and this omission was not caught in subsequent reviews.
- There was no intent to remove this parameter and it has since been assumed to be included.
- After the 3by TF adjourned, the error was discovered during 802.3bs comment resolution.
 - See P802.3bs D1.2 comment #96.

Motion

Modify Tables 111-4, 111-5, and 111-6 for P802.3by Draft 3.2 as shown on page 5 of http://www.ieee802.org/3/by/public/Mar16/brown_3by_030316.pdf for Sponsor Ballot recirculation

Moved by: Adee Ran

Seconded by: Mike Dudek

Yes:

No:

Abstain:

IEEE P802.3by 25 Gb/s Ethernet Working Group Motion

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in http://www.ieee802.org/3/by/P802_3by_CSD.pdf and request conditional approval to progress the IEEE P802.3by draft to RevCom once the Sponsor ballot process has been successfully completed.

M: Mark Nowell

S: Matt Brown

Technical/Procedural

Y/N/A:

Questions?

Thank you!