

**IEEE P802.3ck
100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical
Interfaces (100GEL) Task Force Report**

**Beth Kochuparambil
Cisco Systems
Telephonic Plenary
November 9, 2020**

Project information

Task Force Organization

Beth Kochuparambil, IEEE P802.3ck Task Force Chair

Kent Lusted, IEEE P802.3ck Task Force Vice Chair
and Task Force Recording Secretary

Matt Brown, IEEE P802.3ck Task Force Chief Editor

Task force web and reflector information

Reflector information: <http://www.ieee802.org/3/100GEL/reflector.html>

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

PAR: http://www.ieee802.org/3/ck/P802_3ck_PAR_140518.pdf

CSD: http://www.ieee802.org/3/ck/P802_3ck_CSD_06apr18.pdf

Objectives: http://www.ieee802.org/3/ck/P802_3ck_Objectives_2018mar.pdf

Approved Timeline: https://www.ieee802.org/3/ck/P802_3ck_Timeline_12aug20.pdf

Private Area: <http://www.ieee802.org/3/ck/private/index.html>

Activities since July plenary

Met beyond the July Plenary (June 30 - August 12, 2020)

9 three-hour meetings

8 buckets

49 pages of minutes

1 new project timeline

... Resolved all 300 comments from Draft 1.2!!

Big Ticket Items

TX Test fixture methodology

C2M filling in parameters and limits

Measurement ranges for cu cable

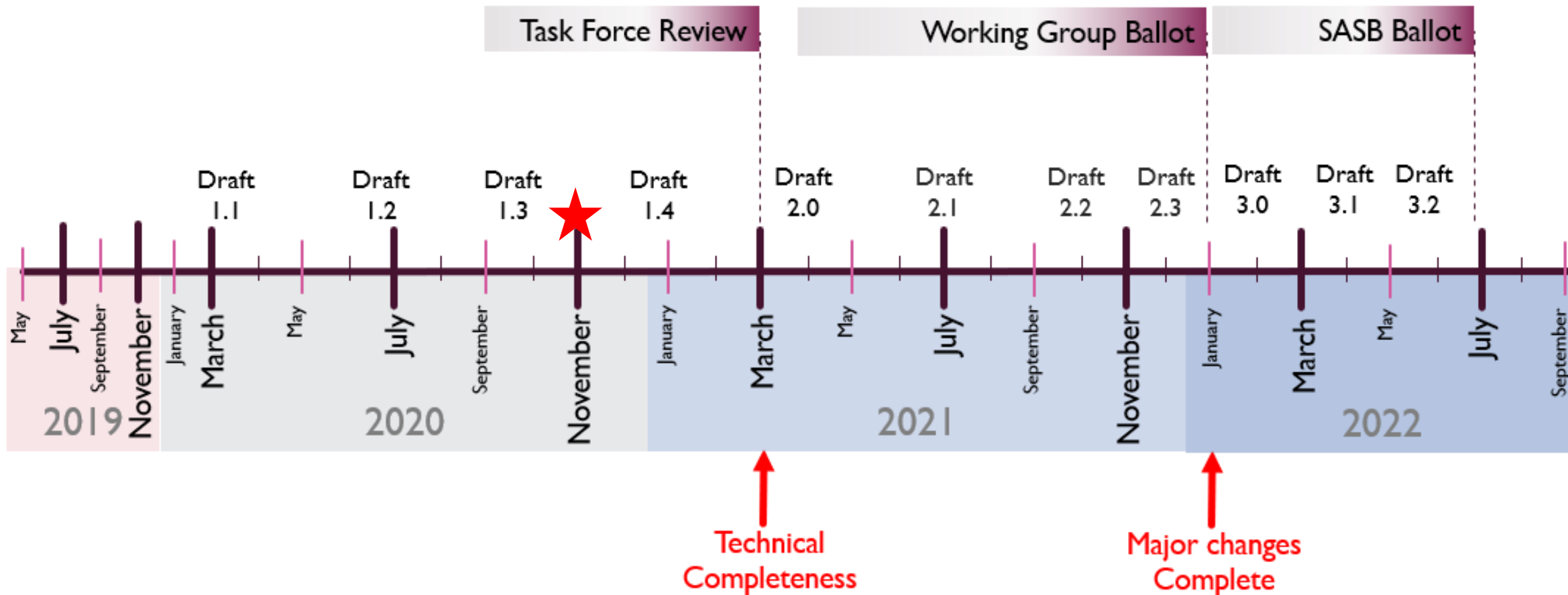
Met for 4 ad hocs

Began our Oct-Nov series (October 13 - November 18, 2020)

Task Force review on draft D1.3 closed Sept 23

Received 278 comments

Adopted timeline



IEEE P802.3 P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces (100GEL) Task Force Plans

Oct-Nov series (October 13 - November 18, 2020)

Again, series of 9 meetings to resolve comments -

https://www.ieee802.org/3/ck/public/20_10/index.html

118 comments remaining to address

During the plenary

- Coming back to C2M Eye Width & Even Odd Jitter after offline consensus building
- ERL
- Cu Cable/ Cable assemblies
- Common Mode Noise, RLCC, RLCD

Meeting 3 times

Tuesday, Nov 10, 9-10am PST – allowing up to 15 minutes overshoot, if needed

Wednesday, Nov 11, 7-10am PST

Wednesday, Nov 18, 7-10am PST

Addressing comment count

Not seeming to decrease, BUT we're making great progress

Topics are narrowing → *Technical completeness IS on the horizon*

Questions?

Thank you!