IEEE P802.3cb 2.5 Gb/s & 5 Gb/s Backplane and Cable Task Force Opening Report

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July 25, 2016

IEEE P802.3cb 2.5 Gb/s & 5 Gb/s Backplane and Cable Project information

Task Force Organization

- Daniel F Smith, Seagate, P802.3cb Task Force Chair
- Daniel F Smith, Seagate, P802.3cb Arch Ad Hoc Chair
- William Lo, Marvell, P802.3cb Chief Editor
- Yong Kim, Broadcom, P802.3cb Task Force Editor

Task force web and reflector information

- Reflector information: http://www.ieee802.org/3/cb/reflector.html
- Home page: http://ieee802.org/3/cb/index.html
  - PAR: http://www.ieee802.org/3/cb/P802.3cb.pdf
  - CSD: https://mentor.ieee.org/802-ec/dcn/15/ec-15-0101-00-ACSD-802-3cb.pdf
  - Objectives: http://www.ieee802.org/3/cb/8023cb-objectives.pdf
  - Timelines:http://www.ieee802.org/3/cb/8023cb_timeline_0316.pdf
  - Public and Private Areas: http://www.ieee802.org/3/cb/index.html

IEEE P802.3cb Activities

- Draft 1.2 was pre-circulated on July 15, 2016 by David Law in preparation for WG Ballot motion at closing Plenary

  (preview of motion for closing plenary – see slide below)

- 2 day Task Force meeting Agenda
  - Address any comments received during Draft 1.2 review before Plenary
  - Address any comments against revised PAR presented at opening Plenary
  - Discuss editorial role for coming Work Group Ballot

- Major actions to be taken.
  - Task Force to review PAR comments and approve changes for advancement to the Executive Committee before deadline on Wednesday.

802.3cb PAR Modification

http://www.ieee802.org/3/cb/P802_3cb_PAR_modification_060616.pdf

Wording under consideration in this revision:

8.1 Additional Explanatory Notes: Item 1: Section 2.1 - remove the words from the title, ‘and Copper Cables’ Item 2: Section 5.2.b - remove the words ‘channels such as ’ also ‘and twinaxial copper cables ’. Item 3: Section 5.5 - remove the words ‘and copper cable’. The changes are proposed because the IEEE P802.3cb project is intended to address a backplane system within a box (enclosure) that contains an array of storage devices interfacing to a backplane, not a stand-alone cable solution. Because the storage devices plug directly into the enclosure's sub-system, through either a backplane board, or backplane board plus short cables, there may be a short cable used, but never a stand-alone cable. Based on this, to avoid any confusion with a stand-alone cable system, it has been decided to remove the reference to 'cable' from the PAR title, scope and need.

(preview of motion for closing plenary – see slide below)

Motion

Move that the IEEE 802.3 Working Group approve the IEEE P802.3cb PAR revision:
(P802_3cb_PAR_modification_060616.pdf)

Moved by:

Seconded by:

(Technical 75% Required)

Y: __

N: __

A: __

Motion Passes/Fails

Motion

Move that the IEEE 802.3 Working Group progress the IEEE P802.3cb draft to Working Group ballot:

Moved by:

Seconded by:

(Technical 75% Required)

Y: __

N: __

A: __

Motion Passes/Fails

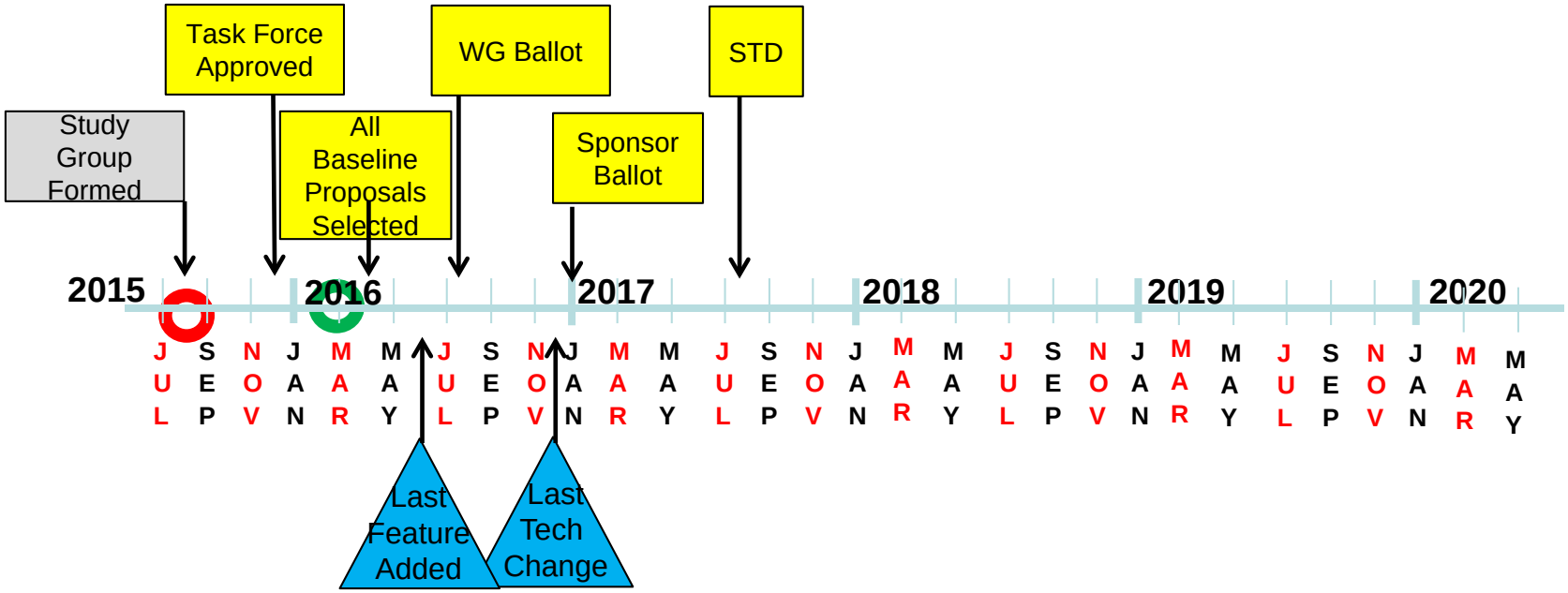
IEEE P802.3cb 2.5 Gb/s & 5 Gb/s Backplane Task Force Plans

Next Steps

- Identify longer-term editing staff.
- Proceed to Working Group Ballot upon approval

802.3cb 2.5 Gb/s and 5 Gb/s Backplane Timeline

FASTEST Possible Timeline – and achievable – meaningful and timely contributions



Milestones – approaching Working Group Ballot

TF D0.3 Generated – April 14, 2016
TF Ballot (1st) – April 2016
Comment Resolution – May 25th 2016, week of May Interim
TF D1.0 Generated – June 12th 2016
Comment Resolution at June Interim – June 27th 2016
TF D1.2 Generated – pre-circulated to WG on July 15th 2016

Questions?

Thank you!