IEEE P802.3cc 25 Gb/s Ethernet PMD(s) for Single Mode Fiber Task Force Opening Report

David Lewis Lumentum San Diego, CA 25 July, 2016

IEEE 802.3 25 Gb/s Ethernet PMD(s) for Single Mode Fiber Task Force information

Task Force Organization

David Lewis, Lumentum, Task Force Chair Kenneth Jackson, Sumitomo, Task Force Secretary Kohichi Tamura, Oclaro, Task Force Chief Editor Peter Jones, Cisco, Task Force Ad Hoc Chair

Task force web and reflector information

Reflector information: http://www.ieee802.org/3/cc/reflector.html

Home page: http://ieee802.org/3/cc/index.html

PAR: http://www.ieee802.org/3/cc/P802.3cc.pdf

CSD: http://www.ieee802.org/3/cc/ec-16-0059-00-ACSD-802-3cc.pdf

Objectives: http://www.ieee802.org/3/cc/P802_3cc_Objectives.pdf

Draft timeline: http://www.ieee802.org/3/cc/Draft_Timeline_0716.pdf

Private area: http://www.ieee802.org/3/cc/private/index.html

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IEEE 802.3 25 Gb/s Ethernet PMD(s) for Single Mode Fiber Task Force Activities since March 2016 plenary

Met during the May 2016 interim meeting series

Major items discussed, decisions made and actions

Discussed draft timeline and decided to wait till editor appointed before adopting.

Heard presentations on baseline proposals for all areas of the document.

Presentation on TDP vs TDEC for 10km & 40km SMF. Hold decision pending inputs from test equipment builders.

<u>Adopted baseline for electrical, RS, PCS, PMA and FEC</u> as per mcdermott_3cc_01a_0516. Motion passed 15/0/0.

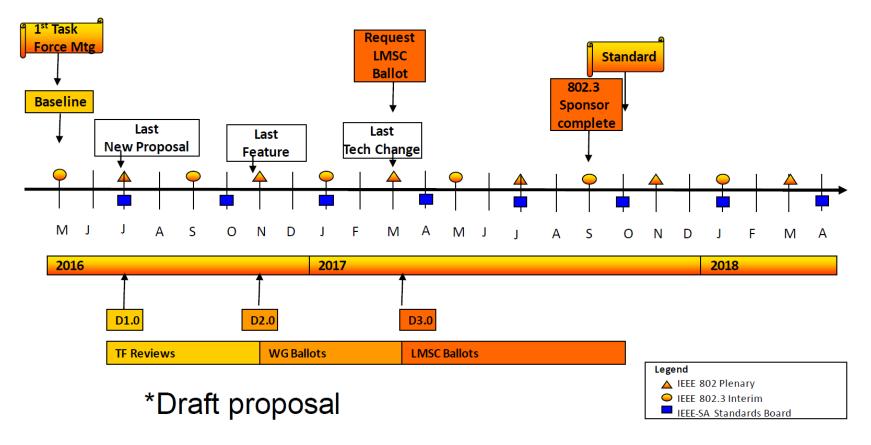
<u>Adopted baseline for 10km & 40km objectives in tamura_3cc_01d_0516</u>. Motion passed 15/0/0.

Current status

Kohichi Tamura volunteered as editor. Prepared working drafts D0.1 and 0.2 for preliminary review.

IEEE 802.3 25 Gb/s Ethernet PMD(s) for Single Mode Fiber Task Force Adopted timeline

IEEE P802.3cc Task Force Timeline*



IEEE 802.3 25 Gb/s Ethernet PMD(s) for Single Mode Fiber Task Force Meeting week plan

Goals for the meeting

Review preliminary draft D0.3 and determine that there are no gaps that would prevent moving to D1.0 and Task Force review.

Big ticket items

Whether to replace TDP with TDEC for 10km, for 40km, or for both.

- Should not hold up proceeding to Task Force Review.

Questions?

Thank you!