

Closing Report

IEEE P802.3bs 400GbE Task Force

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IEEE P802.3bs 400GbE Task Force

Project information

- Task Force Organization
 - John D'Ambrosia, IEEE P802.3bs Task Force Chair
 - Kent Lusted, IEEE P802.3bs Task Force Secretary
 - Pete Anslow, IEEE P802.3bs Task Force Chief Editor
 - Mark Gustlin, Clause 117 Editor
 - Jonathan King, Clause 121 Editor
 - Andre Szczepanek, Annexes 120D, 120E
 - Peter Stassar, Clause 124 Editor
- Task force web and reflector information
 - Reflector information: <http://www.ieee802.org/3/400GSG/reflector.html>
 - Home page: [**http://www.ieee802.org/3/bs/index.html**](http://www.ieee802.org/3/bs/index.html)
 - PAR: http://www.ieee802.org/3/bs/PAR_P802.3bs_14_0612.pdf
 - CSD (including 5C): http://www.ieee802.org/3/bs/CSD_400_14_0121.pdf
 - Objectives: http://www.ieee802.org/3/bs/Objectives_14_0320.pdf
 - Approved Timeline http://www.ieee802.org/3/bs/timeline_3bs_0514.pdf
- Private area: [**http://ieee802.org/3/bs/private/index.html**](http://ieee802.org/3/bs/private/index.html)
 - Username: 802.3bs
 - Password: xxxxxxxx
 - Note: The draft, and any other content, is posted for your review only, and neither the content nor access information should be copied or redistributed to others in violation of document copyrights

This Week

- ≈ 120 Attendees
- Reviewed 21 Technical Presentations
- Motions (See Next Page)
- Generated informal communication to OIF
- 3 Liaison Letters
 - 2: ITU-T SG 15
 - 1: COBO

Motions Summary (1 of 2)

- Adopted 500m baseline proposal
 - Move to adopt a baseline for the 500m SMF proposal based on welch_3bs_01a_0715 as 400GBASE-DR4.
 - Results All (y/n/a): **75 / 0 / 20**
- Adopted 2km baseline proposal
 - Move to adopt a baseline for the 2km SMF PMD objective based on the 2km proposal in slides 6-9 of cole_3bs_01a_0715
 - Results All (y/n/a): **68 / 0 / 25**
- Adopted PCS / PMA Architecture
 - Move to adopt pages 6-22 from gustlin_3bs_02c_0715.pdf as the baseline for the 400GbE PCS and PMA.
 - Results All (y/n/a) **83 / 0 / 17**

Summary of PHY Objectives

100m MMF	25G NRZ x16 fibers		
500m SMF			1 λ x 100G PAM4 x4 fibers
2km SMF		8 λ x 50G PAM4 x1 fiber	
10km SMF		8 λ x 50G PAM4 x1 fiber	

Selected

"x1 fibers" uses 2 fibers total (1 in each direction)
"x4 fibers" uses 8 fibers total (4 in each direction)
"x16 fibers" uses 32 fibers total (16 in each direction)

Motions Summary (2 of 2)

- Approved communications / liaisons by voice vote without opposition
 - Move that the IEEE P802.3bs 400 GbE Task Force approve the text in `trowbridge_3bs_01_0715.pdf` with editorial license granted to the Chair (or his appointed agent) as an informal communication by the Chair to OIF.
 - Move to approve the text in `trowbridge_3bs_02_0715.pdf` with editorial license granted to the IEEE 802.3 WG Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to ITU-T SG15.*
 - Move to approve the text in `trowbridge_3bs_03_0715.pdf` with editorial license granted to the IEEE 802.3 WG Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to ITU-T SG15 pending adoption of Draft 1.0 by the IEEE P802.3bs Task Force.*
 - Move to approve the text in `dambrosia_3bs_01_0715.pdf` with editorial license granted to the IEEE 802.3 WG Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to COBO.*

* File names to be updated to reflect file format for consideration by IEEE 802.3 WG

802.3 WG Motion

Move that 802.3 approve:

- IEEE_802d3_to_SG15_01_0715_draft.pdf
- IEEE_802d3_to_SG15_02_0715_draft.pdf (pending adoption of Draft 1.0 by the IEEE P802.3bs Task Force)
- IEEE_802d3_to_COBO_0715_draft.pdf

With editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ITU-T and COBO.

Moved: John D'Ambrosia

Second: Steve Trowbridge

Procedural (>50%) / Technical ($\geq 75\%$)

Results

Moving Forward

- Resolve architectural issue (FEC lane formation in relation to PCS)
- Create 1st draft document based on adopted baselines
- Begin process of developing technical complete document
- Re-charter adhoc
- Develop Timeline for consideration in September 15

Future Meetings

- See: <http://www.ieee802.org/3/interims/index.html>
- Sept 2015 Interim
 - Week of Sept 14
 - Hyatt Regency Coconut Point, Bonita Springs, FL, USA
 - Hosted by NEC
- Nov 2015 Plenary
 - Week of Nov 8
 - Hyatt Regency Dallas, Dallas, TX, USA
- Jan 2016 Interim
 - Week of Jan 18
 - Atlanta, GA, USA
- Mar 2016 Interim
 - Week of Mar 18
 - Macau China
- Anyone interested in hosting a meeting or webex contact me.

Thank You!