

IEEE 802.3 Working Group November 2016 Plenary Week Report

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IEEE 802.3 Maintenance

Maintenance closing report

http://ieee802.org/3/minutes/nov16/1116_maint_close_report.pdf

Activities

Review of outstanding Maintenance Requests

Adoption of IEEE Std 802.3bw-2015 by ISO/IEC JTC1 SC6

Responded to China NB comments from IEEE Std 802.3bw-2015 60-day ballot

IEEE Std 802.3-2015/Cor1 (IEEE 802.3ce) Multilane timestamping

Progressed to Sponsor ballot

Reviewed request for additions to the IANA MAU MIB

Discussed revision plan

Next meeting at January 2017 interim meeting series

Full details at: <http://www.ieee802.org/3/interims/>

Web page

<http://www.ieee802.org/3/maint/index.html>

IEEE P802.3bs 200 Gb/s and 400 Gb/s Ethernet Task Force

Task Force closing report

http://ieee802.org/3/minutes/nov16/1116_bs_close_report.pdf

Progress

Heard 11 technical presentations

1st Working Group recirculation ballot comment resolution

Responded to 164 comments

Conditional approval granted to proceed to Sponsor ballot

Next steps

Conduct 2nd Working Group recirculation ballot of draft IEEE P802.3bs/D2.2

Next meeting at January 2017 interim meeting series

Full details at: <http://www.ieee802.org/3/interims/>

Web page:

<http://www.ieee802.org/3/bs/index.html>

IEEE P802.3bt DTE Power via MDI over 4-Pair Task Force

Task Force closing report

http://ieee802.org/3/minutes/nov16/1116_bt_close_report.pdf

Progress

Heard 31 presentations

1st Working Group recirculation ballot comment resolution

Responded to 292 comments

Next steps

Conduct 1st Working Group recirculation ballot of draft IEEE P802.3bt/D2.2

Next meeting at January 2017 interim meeting series

Full details at: <http://www.ieee802.org/3/interims/>

Web page:

<http://www.ieee802.org/3/bt/index.html>

IEEE P802.3bu 1-Pair Power over Data Lines (PoDL) Task Force

Task Force closing report

http://www.ieee802.org/3/minutes/nov16/1116_bu_close_report.pdf

Progress

Approval granted to proceed to RevCom submittal

3rd Sponsor recirculation ballot closed with 100% approval and no comments

Next steps

Progress IEEE P802.3bu/D3.3 RevCom submittal

Next meeting

No further meetings planned

Web page:

<http://www.ieee802.org/3/bu/index.html>

IEEE P802.3bv Gigabit Ethernet Over Plastic Optical Fiber Task Force

Task Force closing report

http://www.ieee802.org/3/minutes/nov16/1116_bv_close_report.pdf

Progress

1st Sponsor recirculation ballot comment resolution

Responded to 18 comments

Conditional approval granted to proceed to Sponsor ballot

Next steps

Conduct 2nd Sponsor recirculation ballot of draft IEEE P802.3bv/D3.2

Proceed to RevCom submittal

Next meeting at December 2016 contingent interim meeting

Full details at: <http://www.ieee802.org/3/interims/>

Web page:

<http://www.ieee802.org/3/bv/index.html>

IEEE P802.3ca 25 Gb/s, 50 Gb/s, and 100 Gb/s Ethernet Passive Optical Networks Task Force

Task Force closing report

http://www.ieee802.org/3/minutes/nov16/1116_ca_close_report.pdf

Progress

Heard 24 presentations, major items discussed

Multi-Point Reconciliation Sublayer (MPRS), wavelength plan, coexistence, four wave mixing, timeline

Passed five technical motions

Related to wavelength pairs, state diagrams, four Wave Mixing penalty, wavelength plans

Adopted updated timeline

Next steps

Continue selection of baseline proposals to satisfy project objectives

Next meeting at January 2017 interim meeting series

Full details at: <http://www.ieee802.org/3/interims/>

Web page:

<http://www.ieee802.org/3/ca/index.html>

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

Task Force closing report

http://www.ieee802.org/3/minutes/nov16/1116_cb_close_report.pdf

Progress

Initial Working Group ballot comment resolution

Completed responses to 374 comments

Next steps

Conduct 1st Working Group recirculation ballot of draft IEEE P802.3cb/D2.1

Next meeting at January 2017 interim meeting series

Full details at: <http://www.ieee802.org/3/interims/>

Web page:

<http://www.ieee802.org/3/cb/index.html>

IEEE P802.3cc 25 Gb/s Ethernet over single-mode Fiber Task Force

Task Force closing report

http://www.ieee802.org/3/minutes/nov16/1116_cc_close_report.pdf

Progress

IEEE P802.3cc/D1.2 Task Force review comment resolution

Completed responses to 3 comments

Approval granted to proceed to Working Group ballot

Next steps

Conduct initial Working Group ballot draft IEEE P802.3cc/D2.0

Next meeting at January 2017 interim meeting series

Full details at: <http://www.ieee802.org/3/interims/>

Web page:

<http://www.ieee802.org/3/cc/index.html>

IEEE P802.3cd 50 Gb/s Ethernet over a single lane and next gen 100 Gb/s and 200 Gb/s Ethernet Task Force

Task Force closing report

http://www.ieee802.org/3/minutes/nov16/1116_cd_close_report.pdf

Progress

IEEE P802.3cd/D1.0 Task Force review comment resolution

Completed responses to 182 comments

Heard 9 presentations, 8 Motions and 1 Straw Poll were taken

Reference to wideband MMF (aka OM5) to be added to draft

Next steps

Conduct Task Force review on IEEE P802.3cd/D1.1

Next meeting at January 2017 interim meeting series

Full details at: <http://www.ieee802.org/3/interims/>

Web page:

<http://ieee802.org/3/cd/index.html>

IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions Task Force

Task Force closing report

http://www.ieee802.org/3/minutes/nov16/1116_cf_close_report.pdf

Progress

Discussion on model structure of IEEE 802.3 and process to adopt models

PSE and basic Ethernet Interface module, PON specific YANG module

Discussion of IEEE P802.3.2 (IEEE 802.3cf) draft timeline

Next steps

Continued discussion of model structure

Next meeting at January 2017 interim meeting series

Full details at: <http://www.ieee802.org/3/interims/>

Web page:

<http://ieee802.org/3/25GSMF/index.html>

IEEE 802.3 10 Mb/s Single Twisted Pair Ethernet (10SPE) Study Group

Study Group closing report

http://www.ieee802.org/3/minutes/nov16/1116_10M_stp_close_report.pdf

Progress

IEEE P802.3cg PAR and CSD approved by IEEE 802 Executive Committee

IEEE P802.3cg PAR on December 2016 NesCom agenda

Study Group chartered for six more months

Backup if PAR not approved by IEEE-SA Standards Board

First IEEE P802.3cg meeting planned for January 2017

Assuming PAR approval by IEEE-SA Standards Board

If not the IEEE 802.3 10 Mb/s Single Twisted Pair Ethernet (10SPE) Study Group will meet

Full details at: <http://www.ieee802.org/3/interims/>

Web page:

<http://ieee802.org/3/10SPE/index.html>

IEEE 802.3 Next Generation Enterprise/Campus/Data Center Ethernet Industry Connection Activity

Closing report

http://ieee802.org/3/minutes/nov16/1116_NG_ECDC_close_report.pdf

Progress

One sessions held: Extended Reach Optics

Progressed Industry Connections activity modification

Widen the scope of activity to “New Ethernet Applications”

Modification endorsed by IEEE 802 Executive Committee

Submitted for consideration at December 2016 ICCom meeting

Next steps

Teleconference for Extended Reach Optics prior to January meeting

Further session at January 2016 interim meeting series

Progress approval of Industry Connections activity modification

Next meeting at January 2017 interim meeting series

Full details at: <http://www.ieee802.org/3/interims/>

IEEE 802.3 Multi-Gig Automotive Ethernet PHY Call for Interest

IEEE 802.3 Multi-Gig Automotive Ethernet PHY Closing Report

http://www.ieee802.org/3/minutes/nov16/1116_multi_gig_close_report.pdf

Study Group formation approved

IEEE 802.3 MultiGig Automotive Ethernet PHY Study Group

The scope of the Study Group is to develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for MultiGig Automotive Ethernet PHY within IEEE 802.3

First Study Group meeting at January 2017 interim meeting series

Full details at: <http://www.ieee802.org/3/interims/>

Working Group information

IEEE 802.3 Web site (presentations, minutes, reflector subscription, etc.)

<http://www.ieee802.org/3>

Interim TF and SG meeting details posted on web site

<http://www.ieee802.org/3/interims/index.html>

Announced so far, please check above URL for up to date information

IEEE P802.3bv interim meeting

7th December 2016, Regensburg, Germany

IEEE 802.3 Interim meeting series

9th through 13th January 2017, Huntington Beach, CA, USA

IEEE 802 plenary meeting series

13th through 16th March 2017, Vancouver, BC, Canada