

IEEE 802.3 Working Group July 2015 Plenary Week Report

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IEEE 802.3 Maintenance

Maintenance closing report

http://ieee802.org/3/minutes/jul15/0715_maint_close_report.pdf

Activities

Maintenance requests

Considered 3 maintenance requests, 1276, 1277 and 1278

IEEE P802.3 (IEEE 802.3bx) revision project

Proceeding to 2nd Sponsor recirculation ballot

Conditional approval granted to proceed to RevCom submittal

Next meetings

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

August 2015 contingent interim comment resolution meeting

September 2015 interim meeting series

Web page

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

IEEE P802.3bn EPON Protocol over Coax (EPoC) Task Force

Task Force closing report

http://ieee802.org/3/minutes/jul15/0715_bn_close_report.pdf

Progress

Heard 1 technical presentations, 2 technical motions passed

Consideration of IEEE P802.3bn/D1.5 Task Force review comments

Generated Draft D2.0 from Draft D1.5 and comment response

Approval granted to proceed to Working Group ballot

Next steps

Initial Working Group ballot of IEEE P802.3bn/D2.0

Next meeting at September 2015 interim meeting series

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

Web page:

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

IEEE P802.3bp 1000BASE-T1 Task Force

Task Force closing report

http://ieee802.org/3/minutes/jul15/0715_bp_close_report.pdf

Progress

Consideration of IEEE P802.3bp/D1.5 Task Force review comments

Generated Draft D2.0 from Draft D1.5 and comment response

Approval granted to proceed to Working Group ballot

Next steps

Initial Working Group ballot of IEEE P802.3bp/D2.0

Next meeting at September 2015 interim meeting series

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

Web page:

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

IEEE P802.3bq 40GBASE-T Task Force

Task Force closing report

http://ieee802.org/3/minutes/jul15/0715_bq_close_report.pdf

Progress

Consideration of IEEE P802.3bq/D2.1 1st WG recirculation ballot comments
Approved creation of IEEE P802.3bq Draft D2.2

Next steps

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

Next meeting at September 2015 interim meeting series

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

Web page:

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

IEEE P802.3br Interspersing Express Traffic Task Force

Task Force closing report

http://ieee802.org/3/minutes/jul15/0715_br_close_report.pdf

Progress

Consideration of IEEE P802.3bq/D2.1 1st recirculation comment

Ballot still failing to meet IEEE 802.3 Abstain rate requirement

Approval granted to proceed to a second initial Working Group ballot

Next steps

Conduct second initial Working Group ballot of IEEE P802.3br/D2.2

Next meeting at September 2015 interim meeting series

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

Web page:

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

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

Task Force closing report

http://ieee802.org/3/minutes/jul15/0715_bs_close_report.pdf

Progress

Heard 21 technical presentations

Adopted 500m baseline proposal

Adopted 2km baseline proposal

Adopted PCS / PMA Architecture

Next steps

Create 1st draft document based on adopted baselines

Next meeting at September 2015 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/jul15/0715_bt_close_report.pdf

Progress

Heard 18 presentations

Consideration of 272 IEEE P802.3bt/D1.1 Task Force review comments

Chartered editor to produce IEEE P802.3bt/D1.2

Next steps

Task force review of draft IEEE P802.3bt/D1.2

Next meeting at September 2015 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://ieee802.org/3/minutes/jul15/0715_bu_close_report.pdf

Progress

Heard 3 presentations

Adopted baseline text for SCCP Byte Mapping, PSE and PD State Machines, and Power Classes

Consideration of 43 IEEE P802.3bu/D1.1 Task Force review comments

Chartered editor to produce IEEE P802.3bu/D1.2

Next steps

Task Force review of IEEE P802.3bu/D1.2

Next meeting at September 2015 interim meeting series

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

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://ieee802.org/3/minutes/jul15/0715_bv_close_report.pdf

Progress

Consideration of 480 IEEE P802.3bv/D1.1 review comments

Decide not to progress request to commence Working Group ballot

As a result of comment volume continue Task Force review process

Chartered editor to produce IEEE P802.3bv/D1.2

Next steps

Task Force review of IEEE P802.3bv/D1.2

Next meeting at September 2015 interim meeting series

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

Web page:

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

IEEE P802.3bw 100BASE-T1 Task Force

Task Force closing report

http://ieee802.org/3/minutes/jul15/0715_bw_close_report.pdf

Progress

IEEE P802.3bw/D3.1 1st Sponsor recirculation ballot comment resolution

Results now: 98% Approval rate, 84% Return rate, 6% Abstention rate

Considered 54 comments, no unresolved negative comments

Conditional approval granted to proceed to RevCom submittal

Next steps

Conduct 2nd Sponsor recirculation ballot IEEE P802.3bw/D1.4

Conduct 3rd Sponsor Group recirculation if required

Proceed with RevCom submission and IEEE-SA Standards Board approval

Next meeting is IEEE P802.3bw August 2015 interim meeting

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

Web page:

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

IEEE P802.3by 25 Gb/s Ethernet Task Force

Task Force closing report

http://ieee802.org/3/minutes/jul15/0715_by_close_report.pdf

Progress

Heard 3 technical contributions

Consideration of 4 IEEE P802.3by/D1.1 comments

Generated Draft D2.0 from Draft D1.1 and comment response

Approval granted to proceed to Working Group ballot

Next steps

Initial Working Group ballot of IEEE P802.3by/D2.0

Next meeting at September 2015 interim meeting series

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

Web page:

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

IEEE P802.3bz 2.5/5GBASE-T Task Force

Task Force closing report

http://ieee802.org/3/minutes/jul15/0715_bz_close_report.pdf

Progress

Heard 9 contributions

Consideration of 113 IEEE P802.3bz/D0.1 comments

Chartered editor to produce IEEE P802.3bz/D1.0

Next steps

Task Force review of IEEE P802.3bz/D1.0

Next meeting at September 2015 interim meeting series

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

Web page:

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

IEEE 802.3 25GBASE-T Study Group

Study Group closing report

http://www.ieee802.org/3/minutes/jul15/0715_25gbt_close_report.pdf

Progress

IEEE P802.3bq PAR modification request and IEEE P802.3bq modified CSD approved by IEEE 802 Executive Committee

IEEE P802.3bq PAR modification on September 2015 NesCom agenda

Study Group chartered for six more months

Backup if PAR modification not approved by IEEE-SA Standards Board

Will meet as part of IEEE P802.3bq 25/40GBASE-T Task Force

Assuming IEEE P802.3bq PAR modification request approval

If not the IEEE 802.3 25BASE-T Study Group meets

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

Web page:

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

IEEE 802.3 Next Generation Ethernet Passive Optical Network (NG-EPON) Call for Interest

IEEE 802.3 Next Generation Ethernet Passive Optical Network call for interest closing report

http://ieee802.org/3/minutes/jul15/0715_ngepon_close_report.pdf

Study Group formation approved

IEEE 802.3 Next Generation Ethernet Passive Optical Network Study Group

The scope of the Study Group is to develop a PAR and CSD for Next Generation Ethernet Passive Optical Network (NG-EPON)

First Study Group meeting at September 2015 interim meeting series

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

IEEE 802.3 2.5 Gb/s and 5 Gb/s Ethernet Backplane and Short Reach Copper Cable Call for Interest

IEEE 802.3 2.5 Gb/s and 5 Gb/s Ethernet Backplane and Short Reach Copper Cable call for interest closing report

http://www.ieee802.org/3/minutes/jul15/0715_2p5_5_BPCC_close_report.pdf

Study Group formation approved

IEEE 802.3 2.5 Gb/s and 5 Gb/s Ethernet Backplane and Short Reach Copper Cable Study Group

The scope of the Study Group is to develop a PAR and CSD for 2.5 Gb/s and 5 Gb/s Ethernet Backplane and Short Reach Copper Cable

First Study Group meeting at September 2015 interim meeting series

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

Working Group information

IEEE 802.3 Web site

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

WG and TF documents on web site

Presentations, minutes, reflector subscription information, rules, etc.

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 P802.3 (IEEE 802.3bx) Maintenance #11 (revision) Task Force

Wednesday 12th August 2015

UNH/IOL, Durham, NH, USA

IEEE 802.3 Interim meeting series

Monday 14th to Friday 18th September 2015

Hyatt Regency Coconut Point, Bonita Springs, FL, USA

IEEE 802.3 EEE P802.3bt DTE Power via MDI over 4-Pair and
IEEE P802.3bu 1-Pair Power over Data Lines (PoDL) Task Force

Tuesday 13th October to Friday, 16th October 2015

Grand Hotel Baia Verde, Acicastello, Catania, Italy