

IEEE 802.3 Working Group November 2014 Plenary Week Report

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IEEE 802.3 Maintenance

Maintenance closing report

http://www.ieee802.org/3/minutes/nov14/1114_maint_close_report.pdf

Activities

Maintenance requests

1263 rejected as beyond scope of maintenance as a request for new feature

IEEE Std 802.3.1-2013 adoption by ISO/IEC JTC1 SC6

Responded to comment received on vote on submission for adoption

IEEE P802.3 (IEEE 802.3bx) revision project

Approval granted to proceed to Working Group ballot

Next meeting at January 2015 interim meeting series

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

Web page

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

IEEE P802.3bm 40 Gb/s and 100 Gb/s Fibre Optic Task Force

Task Force closing report

http://www.ieee802.org/3/minutes/nov14/1114_bm_close_report.pdf

Progress

IEEE P802.3bj/D3.2 2nd Sponsor recirculation ballot comment resolution

Results now: 100% Approval rate, 82% Return rate, 2% Abstention rate

Considered 38 comments, no unresolved negative comments

Next steps

Conduct 3rd Sponsor recirculation ballot IEEE P802.3bm/D3.3

Conduct 4th Sponsor recirculation is required

Conditional approval granted to proceed to RevCom submittal

Next meeting will be IEEE 802.3bm December 2014 interim

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

Web page:

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

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

Task Force closing report

http://www.ieee802.org/3/minutes/nov14/1114_bn_close_report.pdf

Progress

Four technical presentations, four technical motions passed

Resolution of IEEE P802.3bn/D1.1 Task Force review comments

Approved creation of IEEE P802.3bn/D1.2

Amended two IEEE P802.3bn Task Force objectives

Next steps

Creation and Task Force review of IEEE P802.3bn/D1.2

Next meeting at January 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://www.ieee802.org/3/minutes/nov14/1114_bp_close_report.pdf

Progress

Resolution of 50 IEEE P802.3bp/D1.0 Task Force review comments

Adopted Auto-Negotiation and Energy Efficient Ethernet baselines

Numerous other technical decisions

Chartered editor to produce IEEE P802.3bp/D1.1

Next steps

Creation and Task Force review of IEEE P802.3bp/D1.1

Next meeting at January 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://www.ieee802.org/3/minutes/nov14/1114_bq_close_report.pdf

Progress

Resolution of 129 IEEE P802.3bq/D1.0 Task Force review comments

Four presentations related to comments

Four presentations unrelated to comments

Chartered editor to produce IEEE P802.3bq/D1.1

Next steps

Creation and Task Force review of IEEE P802.3bq/D1.1

Next meeting at January 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://www.ieee802.org/3/minutes/nov14/1114_br_close_report.pdf

Progress

Joint meeting with IEEE 802.1 Time Sensitive Networking Task Group

Handling of Time Synchronization Service Interface (TSSI)

Proposed a joint IEEE 802.1TSN / IEEE P802.3br IET Tutorial in March 2015

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

Next steps

Creation and Task Force review of IEEE P802.3br/D1.0

Next meeting at January 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://www.ieee802.org/3/minutes/nov14/1114_bs_close_report.pdf

Progress

Reviewed 46 Technical Presentations

Initial proposals for all identified areas received

Adopted baseline to address 100 m Multimode Fibre objective

Discussed 50Gb/s and 200Gb/s Ethernet

Next steps

Consideration of new material presented

Baseline selection to be complete at next meeting per the adopted schedule

Next meeting at January 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://www.ieee802.org/3/minutes/nov14/1114_bt_close_report.pdf

Progress

Twenty presentations, eleven motions to adopt as baseline

One ad hoc report with two technical presentations

Chartered editor to produce IEEE P802.3bt/D0.2

Next steps

Creation and Task Force review of IEEE P802.3bt/D0.2

Next meeting at January 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://www.ieee802.org/3/minutes/nov14/1114_bu_close_report.pdf

Progress

Overview of IEEE P802.3bu/D0.2

Review of PoDL Classification (SCCP) presentation

Next steps

Task Force review of IEEE P802.3bu/D0.2

Next meeting at January 2015 interim meeting series

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

Web page:

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

IEEE P802.3bw 100BASE-T Task Force

Task Force closing report

http://www.ieee802.org/3/minutes/nov14/1114_bw_close_report.pdf

Progress

Reviewed IEEE P802.3bw/D1.1, created IEEE P802.3bw/D1.2

Approval granted to proceed to Working Group ballot

Next steps

Proceed with initial Working Group ballot on IEEE P802.3bw draft

Next meeting at January 2015 interim meeting series

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

Web page:

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

IEEE 802.3 Gigabit Ethernet Over Plastic Optical Fiber Study Group

Study Group closing report

http://www.ieee802.org/3/minutes/nov14/1114_gepof_close_report.pdf

Progress

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

IEEE P802.3bv PAR on December 2014 IEEE-SA NesCom agenda

Study Group chartered for six more months

Backup if PAR not approved by IEEE-SA Standards Board

First IEEE P802.3bv meeting planned for January 2015

Assuming PAR approval by IEEE-SA Standards Board

If not IEEE 802.3 Gigabit Ethernet Over Plastic Optical Fiber Study Group meets

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

Web page:

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

IEEE 802.3 25 Gb/s Ethernet Study Group

Study Group closing report

http://www.ieee802.org/3/minutes/nov14/1114_25g_close_report.pdf

Progress

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

IEEE P802.3by PAR on December 2014 IEEE-SA NesCom agenda

Study Group chartered for six more months

Backup if PAR not approved by IEEE-SA Standards Board

First IEEE P802.3by meeting planned for January 2015

Assuming PAR approval by IEEE-SA Standards Board

If not the IEEE 802.3 25 Gb/s Ethernet 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 Industry Connections Next Generation Ethernet Passive Optical Network (NG-EPON) Ad Hoc

Ad Hoc report

http://www.ieee802.org/3/minutes/nov14/1114_ngepon_open_report.pdf

Progress

Heard sixteen presentations

Review of comments received on R08 of draft report

Next steps

Creation and review of R09 of draft report

Next meeting in February 2015

Meeting co-located with IEEE 1904 Access Networks Working Group

Details to be provided at: <http://www.ieee802.org/3/interims/>

Web page:

http://www.ieee802.org/3/ad_hoc/nggepon/index.html

IEEE 802.3 Next Generation Enterprise BASE-T Access Call for Interest

Next Generation Enterprise BASE-T Access call for interest closing report

http://www.ieee802.org/3/minutes/nov14/1114_ngeabt_close_report.pdf

Study Group formation approved

IEEE 802.3 Next Generation Enterprise BASE-T Access Study Group

The scope of the Study Group is to develop a PAR and CSD for Next Generation Enterprise BASE-T Access

Study Group home page and reflector subscriptions

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

First Study Group meeting at January 2015 interim meeting series

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

IEEE 802.3 25GBASE-T Call for Interest

IEEE 802.3 25GBASE-T call for interest closing report

http://www.ieee802.org/3/minutes/nov14/1114_25gbt_close_report.pdf

Study Group formation approved

IEEE 802.3 25GBASE-T Access Study Group

The scope of the Study Group is to develop PAR and CSD modifications to the IEEE P802.3bq 40GBASE-T PAR to add 25GBASE-T to that project

Study Group home page and reflector subscriptions

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

First Study Group meeting at January 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 P802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Task Force

Wednesday, December 10, 2014

Finisar, Sunnyvale, CA, USA

IEEE 802.3 Interim meeting series

Sunday 11th January through Friday, 16th January 2015

Hyatt Regency, Atlanta, GA, USA

Next IEEE 802.3 WG plenary session

Monday, 9th March through Thursday, 12th March 2015

Estrel Hotel and Convention Center, Berlin, Germany