

IEEE 802.3 Working Group November 2015 Plenary Week Report

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IEEE 802.3 Maintenance

Maintenance closing report

http://ieee802.org/3/minutes/nov15/1115_maint_close_report.pdf

Activities

Maintenance requests

Considered 6 maintenance requests, 1276, 1277, 1283, 1284, 1285 & 1286

1 presentation in respect to request 1288

Next meetings

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

January 2016 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/nov15/1115_bn_close_report.pdf

Progress

1st Working Group recirculation ballot comment resolution

Results now: 98% Approval rate, 53% Return rate, 18% Abstention rate

Considered 133 comments, 17 unresolved negative comments

Conditional approval granted to proceed to Sponsor ballot

Next steps

Conduct 2nd (and 3rd if required) Working Group recirculation ballot

Proceed to Sponsor ballot

Next meeting

IEEE 802.3bn interim 16th and 17th December 2015, Piscataway, NJ, USA

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/nov15/1115_bp_close_report.pdf

Progress

1st Working Group recirculation ballot comment resolution

Results now: 100% Approval rate, 57% Return rate, 11% Abstention rate

Considered 139 comments, no unresolved negative comments

Conditional approval granted to proceed to Sponsor ballot

Next steps

Conduct 2nd (and 3rd if required) Working Group recirculation ballot

Proceed to Sponsor ballot

Next meeting

IEEE 802.3bp interim 10th December 2015, Santa Clara, CA, USA

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

Web page:

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

IEEE P802.3bq 25/40GBASE-T Task Force

Task Force closing report

http://ieee802.org/3/minutes/nov15/1115_bq_close_report.pdf

Progress

3rd Working Group recirculation ballot comment resolution

Results now: 91% Approval rate, 62% Return rate, 18% Abstention rate

Considered 149 comments, 5 unresolved negative comments

Conditional approval granted to proceed to Sponsor ballot

Next steps

Conduct 4th (and 5th if required) Working Group recirculation ballot

Proceed to Sponsor ballot

Next meeting

IEEE 802.3bq interim 11th December 2015, Santa Clara, CA, USA

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/nov15/1115_br_close_report.pdf

Progress

Second 1st Working Group recirculation ballot comment resolution

Results now: 95% Approval rate, 55% Return rate, 22% Abstention rate

Considered 32 comments, 12 unresolved negative comments

Conditional approval granted to proceed to Sponsor ballot

Next steps

Conduct 2nd (and 3rd if required) Working Group recirculation ballot

Proceed to Sponsor ballot

Next meeting

IEEE 802.3bq interim 10th December 2015, San Francisco, CA, USA

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/nov15/1115_bs_close_report.pdf

Progress

Heard 12 technical presentations

Consideration of 261 IEEE P802.3bs/D1.0 Task Force review comments

Generated response to OIF FlexEthernet liaison letter

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

Next steps

Task force review of draft IEEE P802.3bs/D1.1

Next meeting at January 2016 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/nov15/1115_bt_close_report.pdf

Progress

Heard 23 presentations

Consideration of 234 IEEE P802.3bt/D1.4 Task Force review comments

Chartered editor to produce IEEE P802.3bt/D1.5

Next steps

Task force review of draft IEEE P802.3bt/D1.5

Next meeting at January 2016 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/nov15/1115_bu_close_report.pdf

Progress

Heard 1 presentation

Consideration of 109 review comments on IEEE P802.3bu/D1.4

Approval granted to proceed to Working Group ballot

Next steps

Conduct initial Working Group ballot

Next meeting at January 2016 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/nov15/1115_bv_close_report.pdf

Progress

Consideration of 122 IEEE P802.3bv/D1.3 review comments

Chartered editor to produce IEEE P802.3bv/D1.4

Next steps

Precirculate IEEE P802.3bv/D1.4 to IEEE 802.3 Working Group

Request approval to proceed to Working Group ballot in January

Next meeting at January 2016 interim meeting series

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

Web page:

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

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

Task Force closing report

http://ieee802.org/3/minutes/nov15/1115_by_close_report.pdf

Progress

3rd Working Group recirculation ballot comment resolution

Results now: 98% Approval rate, 58% Return rate, 5% Abstention rate

Considered 11 comments, 10 unresolved negative comments

Unconditional approval granted to proceed to Sponsor ballot

Next steps

Conduct initial Sponsor ballot

Next meeting at January 2016 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/nov15/1115_bz_close_report.pdf

Progress

Consideration of 158 IEEE P802.3bz/D1.1 review comments

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

Next steps

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

Next meeting at January 2016 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 Next Generation EPON Study Group

Study Group closing report

http://www.ieee802.org/3/minutes/nov15/1115_ngepon_close_report.pdf

Progress

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

IEEE P802.3ca PAR on December 2015 IEEE-SA NesCom agenda

Study Group chartered for six more months

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

First IEEE P802.3ca meeting planned for January 2016

Assuming PAR approval by IEEE-SA Standards Board

If not the IEEE 802.3 Next Generation EPON Study Group will meet

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

Web page:

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

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

Study Group closing report

http://www.ieee802.org/3/minutes/nov15/1115_2p5_5_BPCC_close_report.pdf

Progress

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

IEEE P802.3cb PAR on December 2015 IEEE-SA NesCom agenda

Study Group chartered for six more months

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

First IEEE P802.3cb meeting planned for January 2016

Assuming PAR approval by IEEE-SA Standards Board

If not the IEEE 802.3 2.5 Gb/s and 5 Gb/s Backplane and Short Reach Copper will meet

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

Web page:

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

IEEE 802.3 Single lane 50 Gb/s, next generation 100 Gb/s and 200 Gb/s Ethernet call for interest

IEEE 802.3 Single lane 50 Gb/s, next generation 100 Gb/s and 200 Gb/s Ethernet call for interest closing report

http://ieee802.org/3/minutes/nov15/1115_50_100_200_close_report.pdf

Two Study Group formations approved

IEEE 802.3 50 Gb/s Ethernet over a single lane Study Group

The scope of the Study Group is to develop a PAR and CSD for 50 Gb/s Ethernet over a single lane

IEEE 802.3 Next generation 100 Gb/s and 200 Gb/s Ethernet Study Group

The scope of the Study Group is to develop a PAR and CSD for Next Generation 100 Gb/s Ethernet and 200 Gb/s Ethernet

First Study Group meetings at January 2016 interim meeting series

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

IEEE 802.3 25 Gb/s Ethernet Over Single Mode Fiber Call for Interest

IEEE 802.3 25 Gb/s Ethernet Over Single Mode Fiber call for interest closing report

http://ieee802.org/3/minutes/nov15/1115_25G_SMF_close_report.pdf

Study Group formation approved

IEEE 802.3 25Gb/s Ethernet PMD(s) for single mode fiber Study Group

The scope of the Study Group is to develop a PAR and CSD for 25 Gb/s Ethernet PMD(s) for single mode fiber

First Study Group meeting at January 2016 interim meeting series

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

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

Closing report

http://www.ieee802.org/3/minutes/nov15/1115_NG_ECDC_close_report.pdf

Proposed deliverables

There will be multiple types of deliverables. The first type of deliverable will be the records of the meetings, including minutes and supporting presentations. The second type of output may be the creation of one or more consensus presentations that are used as the basis for one or more Call-for-Interests to study new areas. A third possible type of deliverable may be the creation, as appropriate, of white papers documenting the findings of the IC activity.

Progress

Industry Connection Activity Initiation Document (ICAID) endorsed by IEEE 802 Executive Committee. ICAID on December 2015 ICCom agenda

First meeting at January 2016 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 P802.3bp 1000BASE-T1 Task Force

10th December 2015, Santa Clara, CA, USA

IEEE 802.3br Interspersing Express Traffic (IET) Task Force

10th December 2015, San Francisco, CA, USA

IEEE 802.3bq 25G/40GBASE-T Task Force

11th December 2015, Santa Clara, CA, USA

IEEE 802.3bn EPON Protocol over Coax (EPoC) Task Force

16th and 17th December 2015, Piscataway, NJ, USA

IEEE 802.3 Interim meeting series

18th through 22nd January 2016, Hyatt Regency Atlanta, Atlanta, GA, USA