

IEEE 802.3 Ethernet Working Group November 2012 Plenary Report

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www.ieee802.org/3

IEEE 802.3 Maintenance

- Maintenance closing report
 - http://www.ieee802.org/3/minutes/nov12/1112_maint_close_report.pdf
- Activities
 - Consider new maintenance requests
 - Reviewed status of outstanding maintenance requests
 - IEEE P802.3 Revision (IEEE 802.3bh) preparation for publication
 - Reviewed comments from staff editor
 - ISO/IEC JTC1 SC6
 - Discussion of submitting IEEE Std 802.3-2012 revision for adoption
 - Discussion on how to process comments, particularly if no open IEEE 802.3 project
- Next meetings
 - IEEE 802.3 January 2013 interim meeting series if required
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page
 - <http://www.ieee802.org/3/maint/index.html>

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIB (revision)

- Task Force closing report
 - http://www.ieee802.org/3/minutes/nov12/1112_1a_close_report.pdf
- Progress
 - IEEE P802.3.1/D1.2 completed 2nd Working Group recirculation ballot
 - 100% Approval rate, 59% Return rate, 27% Abstention rate
 - Developed responses to comments on IEEE P802.3.1/D1.2
 - Considered and responded to 5 comments
 - Subsequently 2 comments were withdrawn
 - Obtained approval to proceed to Sponsor Ballot
- Next steps
 - Proceed to Initial sponsor ballot
- Next meeting at January 2013 interim meeting series
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page: <http://www.ieee802.org/3/1/index.html>

IEEE P802.3bj 100 Gb/s Backplane and Copper Task Force closing report

- Task Force closing report
 - http://www.ieee802.org/3/minutes/nov12/1112_bj_close_report.pdf
- Progress
 - IEEE P802.3bj/D1.2 completed 2nd Task Force Review
 - Considered and responded to 408 comments
 - Heard 21 technical presentations
 - Modified PAR, 5 Criteria in support of Energy-efficient Ethernet
 - Responded to comments received against PAR and 5 Criteria
 - Modified PAR section 8.1, 5 Criteria Compatibility response
 - Obtained IEEE 802.3 and IEEE 802 Executive comment
- Next steps
 - Generation of Draft D1.3
 - Task Force Review of IEEE P802.3bj/D1.3
- Next meeting at January 2013 interim meeting series
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page: <http://www.ieee802.org/3/bj/index.html>

IEEE 802.3bk Extended Ethernet Passive Optical Networks (EPON) Task Force

- Task Force closing report
 - http://www.ieee802.org/3/minutes/nov12/1112_bk_close_report.pdf
- Progress
 - IEEE P802.3bk/D1.2 completed second Task Force Review
 - Considered and responded to 2 comments
 - Obtained IEEE 802.3 approval to proceed to Working Group Ballot
- Next steps
 - Initial Working Group ballot IEEE P802.3bk
- Next meeting at January 2013 interim meeting series
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
 - <http://www.ieee802.org/3/bk/index.html>

IEEE 802.3bm 40 Gb/s and 100 Gb/s Fiber Optic Task Force

- Task Force closing report
 - http://www.ieee802.org/3/minutes/nov12/1112_bm_close_report.pdf
- Progress
 - Baseline proposal for CAUI-4 chip to module was adopted
 - A new objective to add optional support for optional EEE was adopted
 - Modified PAR and 5 Criteria was approved to address optional EEE
- Next steps
 - Continue selection of baseline proposals to satisfy project objectives
- Next meeting at January 2013 interim meeting series
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
 - <http://www.ieee802.org/3/bm/index.html>

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

- Task Force closing report
 - http://www.ieee802.org/3/minutes/nov12/1112_bn_close_report.pdf
- Progress
 - Created two Sub Task Forces
 - PHY (for both FDD and TDD)
 - TDD Protocol
 - Additional objective
 - Define Energy Efficient Ethernet operation for EPON Protocol over Coax PHYs
- Next steps
 - Selection of baseline proposals to satisfy project objectives
- Next meeting at January 2013 interim meeting series
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
 - <http://www.ieee802.org/3/bm/index.html>

IEEE 802.3 Reduced Twisted Pair 1 Gb/s Ethernet Study Group

- Study Group closing report
 - http://www.ieee802.org/3/minutes/nov12/1112_rtpge_close_report.pdf
- Progress
 - PAR and 5 Criteria approved by IEEE 802 Executive Committee
 - PAR on December NesCom agenda
- Study Group chartered for six more months
 - Backup if PAR not approved at December SASB meeting
- First IEEE P802.3bp meeting January 2013
 - Assuming PAR approval at December SASB meeting
 - If not will meet as IEEE 802.3 Reduced Twisted Pair 1 Gb/s Ethernet Study Group
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
<http://www.ieee802.org/3/RTPGE/index.html>

IEEE 802.3 Next Generation BASE-T Study Group

- Study Group closing report
 - http://www.ieee802.org/3/minutes/nov12/1112_ngbaset_close_report.pdf
- Progress
 - Heard 10 presentations working toward a reach objective
 - Will now focus on presentations regarding reach objective in the range of 20m-30m
 - Adopt a 2-connector channel model as an objective
- Study Group chartered for six more months
- Next meeting at January 2013 interim meeting series
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
<http://www.ieee802.org/3/NGBASET/index.html>

Distinguished minimum latency traffic in a converged traffic environment call for interest

- Call for Interest closing report
 - http://www.ieee802.org/3/minutes/nov12/1112_dmlt_close_report.pdf
- Study Group formation approved
 - IEEE 802.3 Distinguished minimum latency traffic in a converged traffic environment Study Group
- First Study Group meeting at January 2013 interim meeting series
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page
 - Will be added to: <http://www.ieee802.org/3/index.html>

IEEE 802.3 Higher Speed Ethernet consensus Industry Connection activity

- Closing report
 - http://www.ieee802.org/3/minutes/nov12/1112_hseic_close_report.pdf
- Progress
 - Reviewed draft consensus presentation
 - Next steps
 - Updated to draft consensus presentation
 - Teleconference pending next version release
- Next meeting at January 2013 interim meeting series
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
 - <http://www.ieee802.org/3/bm/index.html>

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>
 - IEEE 802.3 Interim meeting series
 - Monday, 21st January through Friday, 25th , January 2013
 - Hyatt Regency Phoenix, Phoenix, AZ, USA
 - Next IEEE 802.3 WG plenary session
 - Monday, 18th March through Thursday, 21st March 2013
 - Caribe Royale, Orlando, FL, USA