

IEEE 802.3 Ethernet Working Group November Plenary Report

David Law, Chair, IEEE 802.3
dlaw@hp.com

www.ieee802.org/3

IEEE 802.3 Maintenance

- Interpretation request
 - Provided responses to three interpretations
- IEEE P802.3 Revision (IEEE 802.3bh)
 - IEEE P802.3/D2.1 completed 1st Working Group recirculation ballot
 - 94.0% Approval rate, 68.8% Return rate, 2.3% Abstention rate
 - Resolved comments on IEEE P802.3/D2.1
 - Considered and responded to 92 comments
 - Received reports from the appointed ad-hocs
 - Obtained conditional approval to proceed to sponsor ballot
- Next steps
 - Draft D2.2 will be sent out for 15 day Working Group recirculation ballot
- Next meetings
 - IEEE 802.3 December Maintenance Task Force interim meeting
 - IEEE 802.3 January 2012 interim meeting series
 - 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/nov11/1111_1a_close_report.pdf
- Progress
 - IEEE P802.3.1/D1.0 progressed to Working Group Ballot
- Next Steps
 - Draft D1.0 will be sent out for 35 day initial Working Group ballot
- Next meeting at January 2012 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/nov11/1111_1a_close_report.pdf
- Progress
 - Heard 26 technical presentations
 - New objective added
 - To define optional Energy-Efficient Ethernet operation for 100G Backplane and Twinaxial cable PHYs specified in P802.3bj
 - Initiated Informal Communication to PICMG
- Next meeting at January 2012 interim meeting series
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page: <http://www.ieee802.org/3/bj/index.html>

IEEE 802.3 Next Generation 100 Gb/s Optical Ethernet Study Group

- Study Group closing report
 - http://www.ieee802.org/3/minutes/nov11/1111_100GNGOPTX_close_report.pdf
- Progress
 - Heard 19 presentations from various contributors
 - Common-time with IEEE P802.3bj on Monday morning
 - Five objectives currently adopted by the Study Group
- Study Group chartered for six more months
- Next meeting at January 2012 interim meeting series
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
<http://www.ieee802.org/3/100GNGOPTX/index.html>

IEEE 802.3 Extended Ethernet Passive Optical Networks (EPON) Study Group

- Study Group closing report
 - http://www.ieee802.org/3/minutes/nov11/1111_EXTEPON_closing_report.pdf
- Progress
 - Reviewed draft PAR, Objectives and 5 Criteria
 - Objectives and 5 Criteria approved
 - Draft PAR approved by Working Group for submittal to NesCom
- Study Group chartered for six more months
 - PAR can't be approved until March 2012 IEEE 802 plenary
- Next meeting at January 2012 interim meeting series
 - Full details at: <http://www.ieee802.org/3/interims/>
- Web page:
http://www.ieee802.org/3/EXTND_EPON/index.html

EPON PHY for Coax (EPoC) call for interest

- Call for Interest closing report
 - http://www.ieee802.org/3/minutes/nov11/1111_EPoC_close_report.pdf
- Study Group formation approved
 - IEEE 802.3 Ethernet Passive Optical Network (EPON) Protocol over Coax (EPoC) PHY Study Group
- First meeting at January 2012 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 Ethernet Bandwidth Assessment Ad Hoc

- Ad Hoc closing report
 - http://www.ieee802.org/3/minutes/nov11/1111_BWA_close_report.pdf
- Progress
 - Information gathering presentation
 - Bandwidth needs in HPC taking into account link redundancy
 - Bandwidth Needs in Core and Aggregation nodes in the Optical Transport Network
- Web page:
http://www.ieee802.org/3/ad_hoc/bwa/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 Maintenance interim meeting
 - 12th December 2011
 - Broadcom corporation, San Jose, CA, USA
 - IEEE 802.3 Interim meeting series
 - 23rd to 27th January 2012
 - Fairmont Newport Beach, Newport Beach, CA, USA
 - Next IEEE 802.3 WG plenary session
 - 7th to 10th March 2012
 - Hilton Waikoloa Village, HI, USA