IEEE 802.3
Ethernet Working Group
March Plenary Report
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www.ieee802.org/3

IEEE P802.3ar Congestion Management

- Remains stalemated by IEEE 802.3 failing to approve modified project documents

- Short meeting scheduled to discuss status
  - Any future meetings will be at the discression of the IEEE 802.3 Chair
  - PAR will be administratively withdrawn in December 2008 unless there is action by IEEE 802.3 to extend the PAR

IEEE P802.3at DTE Power Enhancements

- Objective 6 was modified to read: PoEPlus shall support a minimum of 24 Watts of power at the PD PI.
- Modifications made in the meeting will be incorporated in IEEE P802.3at/D3.0
- IEEE P802.3at/D3.0 approved for WG ballot
  - Clause 33 maintenance items are included in draft
- Next meeting in Munich, Germany 13-15 May 2008
  - Respond to initial WG ballot comments

IEEE P802.3av 10Gb/s EPON

- Task force review continues
  - Resolved comments on IEEE P802.3av/D1.1
  - IEEE P802.3av/D1.2 authorized for continuing review
  - Working on list of "big ticket" issues
- Interim meetings:
  - Toyko, Japan, 13-14 April
  - Munich, Germany, 13-15 May 2008
  - Continue to work toward technically complete draft

IEEE Std 802.3 Revision

- The revision is composed of two projects
  - IEEE P802.1AX (IEEE 802.3ax) extracts clause 43 Link Aggregation into an independent standard to be handed off to IEEE 802.1 upon approval
  - IEEE P802.3REV (IEEE 802.3ay) merge of amendments, corrigenda and maintenance changes
- IEEE P802.3 (IEEE 802.3ay) was approved for submittal to RevCom conditional on meeting recirculation requirements
- IEEE P802.1AX (IEEE 802.3ax) was approved for submittal with IEEE P802.3 to RevCom
  - IEEE P802.1AX co-contingent with IEEE P802.3
    - Submittal will await completion of IEEE P802.3 sponsor balloting
- Interim meetings:
  - Musselburgh, Scotland, 28 April 2008
  - Munich, Germany, 13-15 May 2008 (if required)
  - Respond to Sponsor recirculation ballot comments

IEEE P802.3az Energy-Efficient Ethernet

- Broad range of proposal heard on definitions, low power idle, subset PHY and protocols
- Low power idle baseline proposals adopted for 100BASE-T and 1000BASE-TX
- Joint session held with 802.1 Data Center Bridging
- Next meeting in Munich, Germany week of 13-15 May 2008
  - Continue baseline proposal selection for basis of initial draft

IEEE P802.3ba 40 Gb/s and 100 Gb/s Ethernet

- IEEE P802.3ba PAR was approved at the December Standards Board meeting
- IEEE P802.3ba Task Force was organized at the January interim
- Objectives modified to support a single mode fiber link at 40 Gb/s
- Heard broad range of presentations
- Next meeting in Munich, Germany week of 13-15 May 2008
  - Focus on proposals in fulfillment of adopted objectives
  - Support from multiple participants encouraged

Working Group information

- Web site – www.ieee802.org/3
- WG and TF documents on web site
  - Presentations
  - Minutes
  - Reflector subscription information
  - Rules, etc.
- Interim TF and SG meeting details are posted on web site
  - All TFs (except IEEE P802.3ar) will meet in Munich Germany 13-15 May 2008
  - Next WG plenary session, 14-17 July, Denver, Colorado, USA