
**IEEE 802.3
Ethernet Working Group
July Plenary Report
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Robert M. Grow
Chair, IEEE 802.3
bob.grow@ieee.org

www.ieee802.org/3

P802.3ar Congestion Management

- Remains stalemated by 802.3 failing to approve modified project documents
- Short meeting scheduled to discuss status
 - No one came to the meeting except the Acting Chair

P802.3at DTE Power Enhancements

- TF review of draft continues
 - Some significant technical issues continue to lack consensus and generate significant comment volume
- Objective to restrict maximum delivered power to only apply to 25 Ω cabling passed in TF but was tabled during WG discussion
- Ad hoc teleconferences will continue to be held on Channel and Transformers, 350 μ H and data link layer
- Clause 33 maintenance items are included in draft
- Next meeting in Portland, Oregon, USA week of 21 January 2008 (days TBD)
 - Continue to work toward technically complete draft

P802.3av 10Gb/s EPON

- Broad range of technical presentations considered
 - Wavelengths for various PMDs
 - Channel model
 - Testing and measurement
- Adopted initial draft for TF review
 - Comments on editor's draft considered
 - Some details remain TBD
- Next meeting in Portland, Oregon, USA
22-24 January 2008
 - Continue to work toward technically complete draft

IEEE Std 802.3 Revision

- The revision is composed of two projects
 - P802.1AX (802.3ax) extracts clause 43 Link Aggregation into an independent standard to be handed off to 802.1 upon approval
 - P802.3REV (802.3ay) merge of amendments, corrigenda and maintenance changes
 - Both projects were in initial Sponsor ballot throughout the meeting week
- Plan for handling MIBs developed (now that IETF will no longer be doing them)
 - Add requirement to address SNMP MIB development to 802.3 Five Criteria
 - Place SNMP and GDMO MIBs in a new 802.3.1 standard
- Next meeting in Portland, Oregon, USA , 21 January 2008
 - Resolve initial Sponsor ballot comments
 - Time allowing refine plans for 802.3.1 MIB standard

P802.3az Energy-Efficient Ethernet

- Task Force was organized
 - Mike Bennett was confirmed as TF Chair
 - Target schedule proposed
- Proposed baseline technologies and background presentations considered
 - Subset PHYs alternatives for speed switching
 - Active/Idle toggling and network energy efficiency
 - Control policy and relationship to 802.1, feedback from 802.1 presented at closing 802.3 plenary
 - Process requirements and recommendations
- Next meeting in Portland, Oregon, USA
22-24 January 2008
 - Consider proposals as baseline for initial draft

Higher Speed Ethernet SG

- P802.3ba five criteria and PAR approved by LMSC Executive Committee (approved in July by 802.3)
 - PAR will be considered by IEEE-SA Standards Board in December
- Lots of presentation to consider while awaiting PAR approval
 - Many proposals for baseline technology (selection not possible until PAR approval)
 - Volume of presentations required split into optical and copper tracks during part of TF time
- Next meeting in Portland, Oregon, USA
22-24 January 2008
 - Anticipate organization of P802.3ba task force
 - Continue evaluation of baseline technology proposals

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 will be posted on web site
 - All TFs (except P802.3ar) will meet in Portland, Oregon, USA the week of 21 January 2008 (check schedule on web site for each group's meeting days)
 - Next WG plenary session, 17-20 March, Orlando, Florida, USA
 - Future interims in Germany and China endorsed by WG