
IEEE 802.3 Working Group July Plenary Report 21 July 2006

Robert M. Grow
Chair, IEEE 802.3 Working Group
bob.grow@ieee.org

www.ieee802.org/3

P802.3an 10GBASE-T

- Approved at the June Standards Board meetings
- In publication preparation
- No meeting held, no future meetings

P802.3ap Backplane Ethernet

- D2.5 ballot comments resolved
- No recirculation required
- Sponsor ballot approved by 802.3 and EC
 - D3.0 to incorporate base text updates from 802.3an and 802.3aq
 - 30-day ballot to follow closely after meeting
- Next meeting expected to be in eastern USA or Canada, the week of 18 September 2006
 - Resolve P802.3ap/D3.0 Sponsor ballot comments
 - Create P802.3ap/D3.1 for recirculation ballot

P802.3aq 10GBASE-LRM

- Sponsor ballot complete
 - No P802.3aq/D4.0 comments received
 - No substantive changes to the document
- RevCom submission approved for September consideration
- No future meetings planned

P802.3ar Congestion Management

- Modified PAR & Five Criteria considered
 - Five Criteria failed to receive 75% approval
 - Motion to withdraw PAR postponed to November agenda
- Future task force meeting uncertain
 - Any future meeting will be announced on the TF reflector and posted to the 802.3 interims page

P802.3as Frame Format Extensions

- Near end of Sponsor ballot
 - P802.3as/D3.2 comments addressed,
 - P802.3as/D3.3 to be subject of third Sponsor recirculation ballot
 - 15-day recirculation ballot will open prior to Aug 4
- Received 802.3 and EC conditional approval for September RevCom consideration
- Tentative teleconference meeting planned in the event any comments are received
 - Ballot results will be announced on 802.3 and TF reflectors
 - Teleconference details will be announced if required

P802.3at DTE Power Enhancements

- Work began on development of draft
 - Technical presentations and discussions
 - Material available on the Task Force web pages
- Next meeting expected to be in eastern USA or Canada, the week of 18 September 2006
 - Proposals for inclusion in initial draft

P802.3-2005/Cor1 (802.3au)

- Advanced to Sponsor ballot
 - P802.3-2005/Cor1/D1.1 recirculation produced no comments or new negatives
 - P802.3as/D2.0 to be subject of initial Sponsor ballot
 - Targeted for June RevCom consideration
 - WG granted conditional approval for RevCom submittal
 - RevCom submittal will need EC approval via electronic motion/vote
- Next meeting 17 April 2006, San Diego, CA, USA with WebEx and teleconference attendance supported
 - Resolve P802.3-2005/Cor1/D2.0 ballot comments
 - Create P802.3-2005/Cor1/D2.1 and recirculate if necessary

10Gb/s EPON PHY SG

- Began work on possible elements of a draft standard
- PAR and Five Criteria approved by 802.3 and EC for submittal to NesCom for September consideration
- Next meeting expected to be in eastern USA or Canada, the week of 18 September 2006

Higher Speed Ethernet CFI

- Call for interest held to request formation of a Higher Speed Study Group
 - Approximately 220 people attended
 - Strong support for formation of a study group
- Study Group formation was approved by WG and EC
 - Move the IEEE 802.3 Working Group requests formation of a “Higher Speed Study Group” to evaluate definition of greater than 10 Gb/s MAC data rate and related PHY capability to IEEE Std 802.3. The Study Group may recommend one or more PARs.
- Next meeting expected to be in eastern USA or Canada, the week of 18 September 2006
 - Confirmation of SG Chair
 - Evaluate possible technologies to define scope of planned work
 - Work on Objectives, possibly Five Criteria and PAR

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
 - Tentative (if required) August P802.3as teleconference
 - Most TFs will hold September interim in eastern USA or Canada the week of 18 September 2006
 - Next WG plenary session, 13-16 November, Dallas, TX, USA