IEEE 802.3
Maintenance

July 20th, 2006
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Activities this week

• Met Tuesday afternoon
  – Revision plan
  – Reviewed open maintenance request
  – IEEE Std 1802.3-2001 reaffirmation
Revision requirements

• Revision required when
  – three years have elapsed since last revision
    • IEEE Std 802.3-2005 approved June 2005
  – and number of amendments is four or more
    • We will probably have 6 amendments by June 2008

• Can ask for 2 year extension from Standards Board
  – Based on ‘extenuating circumstances’
  – Requires
    • Project plan outlining the rationale
    • Schedule for the revision

• Not meeting these requirement will block new projects
  – RevCom defers consideration of additional amendments or corrigenda

• While revision is in sponsor ballot
  – No other sponsor ballot can start
IEEE 802.3 revision plan

• Year long process
  – Assuming not splitting the document
    • Longer for splitting or other wholesale changes
• Need to identify best time to perform revision
  – Currently balloting projects complete by 2007
  – Next sponsor ballots
    • IEEE 802.3at – timeline shows November 2007
    • 10GEPON
• Next maintenance project
  – Currently nothing pressing
  – Await next revision
IEEE Std 802.3 revision plan #1

Note: Target publication date is target standards board approval plus three months.

2005 | 2006 | 2007 | 2008

Rev 1.0 (19/07/06)
IEEE Std 802.3 revision plan #2

IEEE Std 802.3 Revision

IEEE Std 802.3-2005
Published 12/05
5 Sections

IEEE Std 802.3 Amendments

IEEE Std 802.3-2005/Cor 1-2006
Corrigenda 1
Published 06/06

IEEE Std 802.3an-2006
10GBASE-T
Target publication 08/06

IEEE P802.3aq
10GBASE-LRM
Target publication 12/06

IEEE P802.3as
Frame expansion
Target publication 12/06

IEEE P802.3ap
Backplane Ethernet
Target approval 06/07

IEEE P802.3ar
Rate limiting
Target approval 06/07

IEEE P802.3REV
Consolidated edition

IEEE P802.3at
DTE Power Enhancements
Target approval 03/08

IEEE Std 802.3-2005/Cor 1-2006
Corrigenda 1
Published 06/06

IEEE P802.3REV
Target approval 03/08

SB Ballot draft
Nov 2007

No sponsor balloting

Note: Target publication date is target standards board approval plus three months.

2005 | 2006 | 2007 | 2008

Rev 1.0 (19/07/06)
IEEE Std 1802.3/REQUEST

• IEEE Std 1802.3-2001 reaffirmation
  – Download statistics for 1802.3-2001
    2002  3,644  2003  4,959
    2004  3,870  2005  2,674
    2006  684
  – No change in reaffirmation plan

• Review of open requests
  – Two request moved to Ready for ballot
    1169  Gate Processing ONU Programming State Diagram
    1177  aFECCorrectedBlocks / aFECUncorrectableBlocks