

IEEE 802.3 Maintenance

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San Diego, CA

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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

IEEE Std. 802.3 Revision

IEEE Std
802.3-2005
Published 12/05
5 Sections

IEEE
P802.3REV
Consolidated
edition

IEEE
P802.3REV
Target approval
03/08

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
03/07

IEEE P802.3ar
Rate limiting
Target approval
03/07

WG ballot 'draft'
March 2007

SB Ballot draft
Nov 2007

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

No sponsor balloting

2005 ——— 2006 ——— 2007 ——— 2008 ———

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

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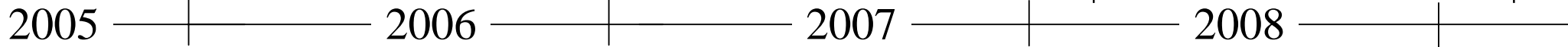
WG ballot 'draft'
March 2008

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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