IEEE 802.3
Maintenance

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Denver, CO

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Agenda

- Maintenance Request Status
- IEEE 802.3AX (802.1AX)
- IEEE 802.3ay Maintenance #9 (Revision)
  - IEEE P802.3REV sponsor balloting
  - Report on April BRC Meeting
- Report on May Maintenance Interim
- IEEE 802.3 maintenance web site

Maintenance Request Status

- 35 Open Maintenance requests
- 1 new request since March
  - Related to Multipoint MAC Control (EPON)
- Current status of open requests:

Balloting	20
Ready for ballot	10
Awaiting clarification	0
To be categorised	5

Notes:
All 'Balloting' requests included in IEEE 802.3ax draft
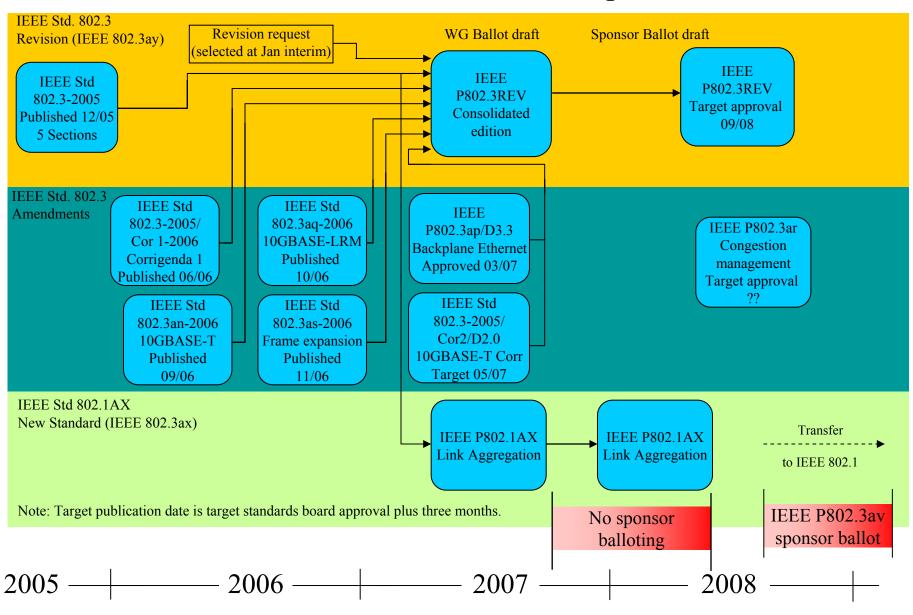All 'Ready for Ballot' assigned to IEEE P802.3at

New request

Request	Standard	Subclause	Subject
1196	IEEE Std 802.3-2005	Figs 64-12 & 64-13	OTL, ONU MUX States

IEEE Std 802.3 revision

IEEE Std 802.3 revision plan

IEEE Std. 802.3 Revision (IEEE 802.3ay)

Revision request (selected at Jan interim)

WG Ballot draft

Sponsor Ballot draft

IEEE Std 802.3-2005 Published 12/05 5 Sections

IEEE P802.3REV Consolidated edition

IEEE P802.3REV Target approval 09/08

IEEE Std. 802.3 Amendments

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

IEEE Std 802.3aq-2006 10GBASE-LRM Published 10/06

IEEE P802.3ap/D3.3 Backplane Ethernet Approved 03/07

IEEE P802.3ar Congestion management Target approval ??

IEEE Std 802.3an-2006 10GBASE-T Published 09/06

IEEE Std 802.3as-2006 Frame expansion Published 11/06

IEEE Std 802.3-2005/ Cor2/D2.0 10GBASE-T Corr Target 05/07

IEEE Std 802.1AX New Standard (IEEE 802.3ax)

IEEE P802.1AX Link Aggregation

IEEE P802.1AX Link Aggregation

Transfer
to IEEE 802.1

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

No sponsor balloting

IEEE P802.3av sponsor ballot

2005 — | — 2006 — | — 2007 — | — 2008 — | —

IEEE Std 802.3 revision Timeline

Revision request selection	17th	Jan	2007
Draft D0.9 drafts precirculated	5th	Mar	2007
PARs approval #	22nd	Mar	2007
D1.0 Working Group ballot	23rd	Mar	2007
D1.0 Comment resolution	28th	May	2007
D1.1 Working Group ballot recirculation	29th	Jun	2007
D1.1 Comment resolution	18th	Jul	2007
D1.2 Working Group ballot recirculation	23rd	Aug	2007
D1.2 Comment resolution	10th	Sep	2007
D1.3 Working Group ballot recirculation	1st	Oct	2007
D1.3 Comment resolution	17th	Oct	2007
D2.0 Sponsor Ballot	2nd	Nov	2007
D2.0 Sponsor ballot close	7th	Dec	2007
D2.0 Comment resolution	21st	Jan	2008
D2.1 Sponsor ballot recirculation	25th	Feb	2008
D2.1 Comment resolution	19th	Mar	2008
RevCom submittal approval (conditional if required)	21st	Mar	2008
D2.2 Sponsor ballot recirculation	11th	Apr	2008
D2.2 Comment resolution	28th	Apr	2008
D2.3 Sponsor ballot recirculation	23rd	Jun	2008
RevCom submittal#	15th	Aug	2008
Standards board approval#	26th	Sep	2008

Externally determined dates
* Recirculation if required

IEEE 802.3AX, (IEEE P802.1AX)

IEEE 802.3AX Update

- Project has completed IEEE-SA balloting
- LOA Requests
  - PatCom: Re-collect LOAs since approval of 802.3ad-2000
    - LOAs against either 802.3 or 802.3ad-2000
    - 802.3ad was approved 30 March 2000
  - Rationale is that LOAs applied to 802.3 not 802.1
  - Chair of 802.3 has submitted LOA requests
    - Request included a cover letter
  - 802.3ay contingent on 802.3AX and vice-versa
- Target submission to RevCom
  - September SASB consideration
    - August 15th submission deadline
  - Will submit report to PatCom on LOA requests if needed

Best Case / Worst Case

- ## Best case:
  - 802.1ax and 802.3 Rev will be approved in September 2008

- ## Worst case:
  - 802.1ax fails to be approved due to LoA unknowns
  - 802.3 Rev project is co-contingent on 802.1ax so it would also not be approved.
  - Fold the link agg material back into 802.3-Rev and recirculate.
  - 802.3-Rev PAR would be amended to remove the contingency and 802.1ax PAR withdrawn

IEEE 802.3ay, (IEEE P802.3Rev) Maintenance #9 (Revision) Task Force

IEEE 802.3ay (IEEE P802.3) revision Sponsor ballot results

- 2nd Sponsor recirculation ballot – draft D2.2
  - Ballot opened 11th April 2008, closed 26th April 2008

Comments received: 4

	#	%		Status
		Actual	Required	
Abstain	9	9	< 30	PASS
Disapprove with comment	3	-	-	-
Disapprove without comment	0	-	-	-
Approve	86	96	≥ 75	PASS
Ballots returned	98	85	≥ 75	PASS
Voters	115	-	-	-

Musselburgh interim meeting report

- Met Monday 28th April
  - Thanks to those that attended
- Reviewed IEEE 802.3ay/D2.0 (IEEE P802.3)
- Responded to 4 comments

E (Editorial)	1
ER (Editorial required)	0
T (Technical)	2
TR (Technical required)	0
G (General)	0
GR (General required)	1

IEEE 802.3ay (IEEE P802.3) Revision Sponsor recirculation ballot results

- 3rd Sponsor recirculation ballot – draft D2.3
  - Ballot opened 23rd June 2008, closed 8th July 2008

Comments received: 0	2nd Recirculation Draft D2.2			3rd Recirculation Draft D2.3			Req %
	#	%	Status	#	%	Status	
Abstain	9	9	PASS	8	8	PASS	< 30
Disapprove with comment	3	-	-	2	-	-	-
Disapprove without comment	0	-	-	0	-	-	-
Approve	86	96	PASS	89	97	PASS	≥ 75
Ballots returned	98	85	PASS	99	86	PASS	≥ 75
Voters	115	-	-	115	-	-	-

Maintenance May Interim Report

Munich interim meeting report

- **Met Monday 12th May 2008**
  - Thanks to those that attended
- **No new maintenance requests submitted**
- **Reviewed comments on 802.3ay**
  - Recirculation plan discussed
- **802.3ax and 802.3ay status update**
  - Discussed need to request LOAs for 802.1AX
- **Approved minutes from previous meeting**
- **Target submission to RevCom**
  - September SASB consideration
  - August 15th submission deadline

Plans for week

- ## Plans for week

  - ### Meet Wednesday afternoon

    - Please note 1:00PM start

  - ### Maintenance

    - Review new maintenance request

  - ### IEEE 802.3ax and IEEE 802.3ay

    - Status of LOA Requests

Maintenance Web Information

- IEEE 802.3 Maintenance web site:

  http://www.ieee802.org/3/maint/index.html

- IEEE 802.3 Maintenance request form is available at:

  http://www.ieee802.org/3 /private/maint/revision_request.html
  Username: ********
  Password: ********
  Password **is** case sensitive

- IEEE 802.3 Maintenance reflector

  stds-802-3-maint@ieee.org

- IEEE 802.3ax (IEEE P802.1AX) Link Aggregation
- IEEE 802.3ay (IEEE P802.3) Maintenance #9 (Revision)
  http://www.ieee802.org/3/axay/index.html