

# IEEE 802.3 Maintenance

March 17th, 2008  
Orlando, FL

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# Agenda

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- Maintenance Request Status
- IEEE 802.3ax Link Aggregation
  - IEEE P802.1AX sponsor balloting
- IEEE 802.3ay Maintenance #9 (Revision)
  - IEEE P802.3REV sponsor balloting
- IEEE Std 1802.3-2001 reaffirmation
- IEEE 802.3 maintenance web site

# Maintenance Request Status

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- 35 Open Maintenance requests
- No new requests since November
- Current status of open requests:

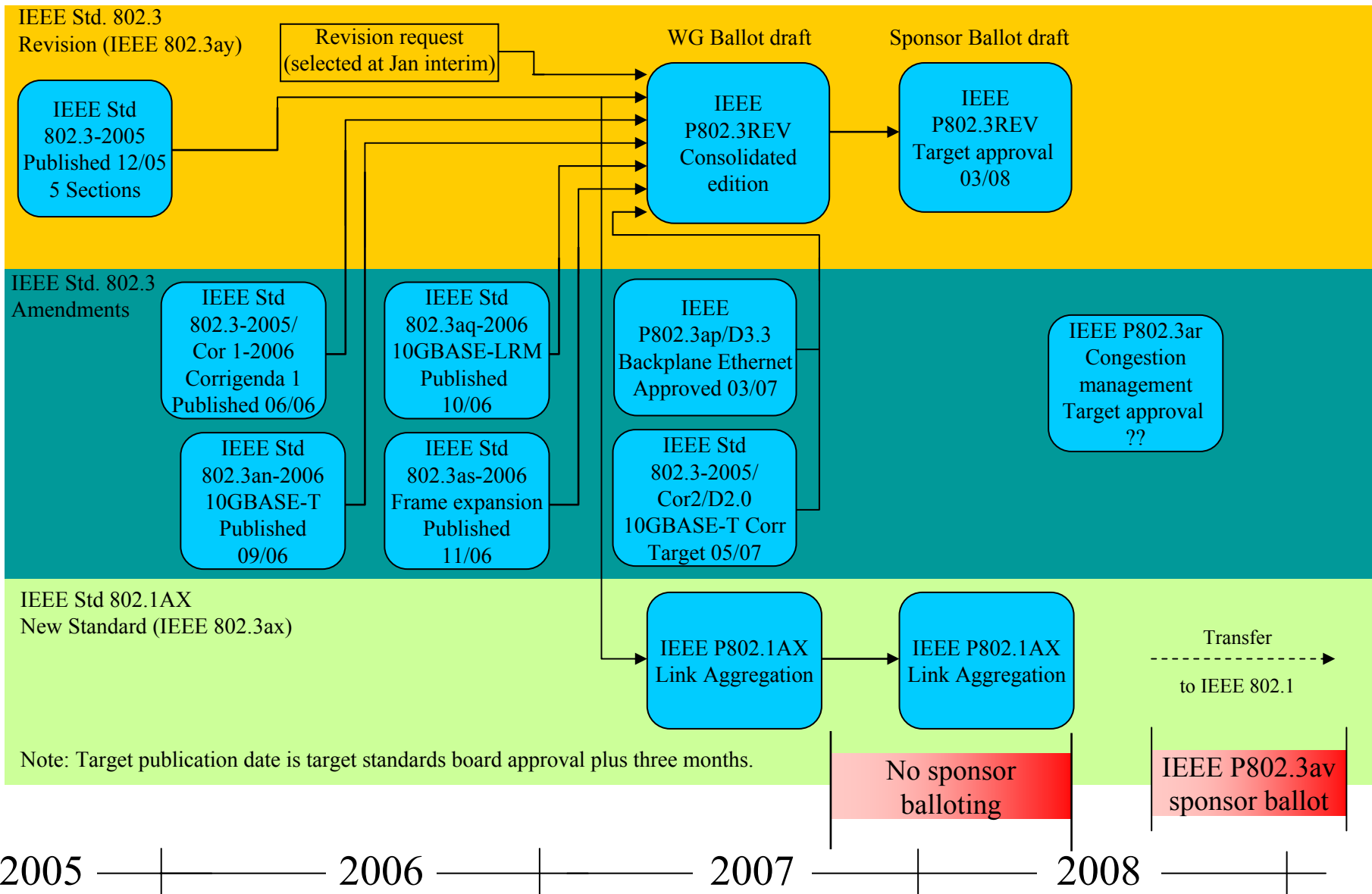
Balloting	20
Ready for ballot	10
Awaiting clarification	0
To be categorised	5

## Notes:

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

# IEEE Std 802.3 revision

# IEEE Std 802.3 revision plan



# 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*		Mar	2008
D2.2 Comment resolution (conference call)*		Apr	2008
RevCom submittal#	2nd	May	2008
Standards board approval#	12th	Jun	2008

# Externally determined dates

\* Recirculation if required

# IEEE 802.3ax (IEEE P802.1AX) Link Aggregation Task Force

# IEEE 802.3ax (IEEE P802.1AX)

## Sponsor ballot results

- Initial sponsor ballot – draft D2.0
  - Ballot opened 2<sup>nd</sup> November 2007, closed 7<sup>th</sup> December 2007

Comments received: 11	#	%		Status
		Actual	Required	
Abstain	8	9	< 30	PASS
Disapprove with comment	1	-	-	-
Disapprove without comment	0	-	-	-
Approve	79	98	≥ 75	PASS
Ballots returned	88	77	≥ 75	PASS
Voters	115	-	-	-



# Portland interim meeting report

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- Met Monday 21<sup>st</sup> January
  - Thanks to those that attended
- Reviewed IEEE 802.3ax/D2.0 (IEEE P802.1AX)
- Responded to 11 comments

E (Editorial)	7
ER (Editorial required)	0
T (Technical)	1
TR (Technical required)	0
G (General)	1
GR (General required)	2

- Added definition for TLV
  - Issued recirculation ballot on D2.1

# IEEE 802.3ax (IEEE P802.1AX) Link Aggregation Sponsor recirculation ballot results

- 1<sup>st</sup> Sponsor recirculation ballot – draft D2.1
  - Ballot opened 25<sup>th</sup> February 2008, closed 11<sup>th</sup> March 2008

Comments received: 2

	Initial Draft D2.0			1 <sup>st</sup> Recirculation Draft D2.1			Req %
	#	%	Status	#	%	Status	
Abstain	8	9	PASS	9	9	PASS	< 30
Disapprove with comment	1	-	-	1	-	-	-
Disapprove without comment	0	-	-	0	-	-	-
Approve	79	98	PASS	84	98	PASS	≥ 75
Ballots returned	88	77	PASS	94	81	PASS	≥ 75
Voters	115	-	-	115	-	-	-

# IEEE 802.3ax (IEEE P802.1AX) Link Aggregation

## Sponsor recirculation ballot comments

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- Total of 2 comments received

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

- Comment #2 withdraws comment #1
  - No outstanding comments
- IEEE 802.3ax and IEEE 802.3ay co-contingent
  - Will now be drive by IEEE 802.3ay timeline

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

# IEEE 802.3ay (IEEE P802.3) revision

## Sponsor ballot results

- Initial sponsor ballot – draft D2.0
  - Ballot opened 2<sup>nd</sup> November 2007, closed 12<sup>th</sup> December 2007
    - 5 day extension due to return rate

Comments received: 105

	#	%		Status
		Actual	Required	
Abstain	8	9	< 30	PASS
Disapprove with comment	5	-	-	-
Disapprove without comment	0	-	-	-
Approve	74	93	≥ 75	PASS
Ballots returned	87	75	≥ 75	PASS
Voters	115	-	-	-

# Portland interim meeting report

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- Met Monday 21<sup>st</sup> January
  - Thanks to those that attended
- Reviewed IEEE 802.3ay/D2.0 (IEEE P802.3)
- Responded to 105 comments

E (Editorial)	26
ER (Editorial required)	1
T (Technical)	52
TR (Technical required)	10
G (General)	14
GR (General required)	2

- Correction to PLS\_CARRIER.indication service primitive
- Rewording and clarification of stressed receiver conformance test definition
- Added 10GBASE-T start-up timing recommendation
  - Comment from the floor
- Issued recirculation ballot on D2.1

# IEEE 802.3ay (IEEE P802.3) Revision

## Sponsor recirculation ballot results

- 1st Sponsor recirculation ballot – draft D2.1
  - Ballot opened 25th February 2008, closed 11th March 2008

Comments received: 46

	Initial Draft D2.0			1 <sup>st</sup> Recirculation Draft D2.1			Req %
	#	%	Status	#	%	Status	
Abstain	8	9	PASS	9	9	PASS	< 30
Disapprove with comment	5	-	-	5	-	-	-
Disapprove without comment	0	-	-	0	-	-	-
Approve	74	93	PASS	80	94	PASS	≥ 75
Ballots returned	87	75	PASS	94	81	PASS	≥ 75
Voters	115	-	-	115	-	-	-

# IEEE 802.3ay (IEEE P802.3) Revision

## Sponsor recirculation ballot comments

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- Total of 46 comments received

E (Editorial)	35
ER (Editorial required)	0
T (Technical)	6
TR (Technical required)	4
G (General)	0
GR (General required)	1

- Required comments
  - Informative labelling of two figures
  - Introduction clauses
  - Incorrect implementation of comment response
    - Optical eye pattern, waveform, and extinction ratio reference
- Comment resolution meeting
  - Wednesday, starts 9:00AM



# IEEE Std 1802.3-2001 Reaffirmation

## IEEE 802.3 Maintenance reflector

# IEEE 1802.3-2001 Reaffirmation

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- Voted in July 2006 to proceed with reaffirmation
- Initial sponsor ballot
  - Comments received stated standard out of date
  - Comment resolution agreed that standard should be withdrawn
    - But advice from staff is was need to complete balloting
- Voted in November 2006 to continue

Motion : IEEE 802.3 recommends that IEEE Std 1802.3-2001 should be withdrawn and that this recommendation should be provided to the balloters. The recirculation cover letter and comment database should reflect this recommendation.
- Sponsor recirculation ballot
  - Reaffirmation remained approved
  - Agreed in July to proceed to approval then request withdrawal
- Proceeded to RevCom approval
  - Reaffirmation approved Board 27<sup>th</sup> September
- Withdrawal request
  - Approved by IEEE 802 EC
    - Letter submitted to Standards Board
- Withdrawal approved at December 2007 Standards Board meeting

# Plans for week

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- Plans for week
  - Meet Wednesday morning
    - Please note 9:00AM start
  - IEEE 802.3ay
    - Review and respond to comments on drafts
  - IEEE 802.3ax and IEEE 802.3ay
    - Expect to request conditional approval to proceed to RevCom submittal at closing plenary

# Maintenance Web Information

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- 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](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>