



# IEEE 802.3 Maintenance 12<sup>th</sup> January 2009, Vancouver, BC, Canada

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# Agenda

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- **New maintenance requests**
  - 1200, 1205, 1206, 1207 and 1208
- IEEE P802.3bb
- IEEE P802.3bc
  - Containment discussion
  - 802.3bc WG Ballot comment resolution
- ISO/IEC JTC 1 SC6 WG 1 8802-3:2000

# Maintenance Request Status

- 24 Open Maintenance requests
- 4 new request since January
  - Related to CARRIER\_STATUS transition editorial issue, 100BASE-TX objectives and 10GBASE-T objectives
- Current status of open requests:

Balloting	10
Ready for ballot	7
Awaiting clarification	0
To be categorised	7

Notes: Some 'Balloting' assigned to IEEE P802.3at

## New requests

Request	Standard	Subclause	Subject
1205	802.3-2008	22.2.1.3.3	CARRIER_STATUS transition editorial error
1206	802.3-2008	24.1.2	100BASE-TX Media grade objective
1207	802.3-2008	24.1.2	100BASE-TX Media reference objective
1208	802.3-2008	55.1.1	10GBASE-T Media reference objective

# Maintenance Request 1200

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- Requested revision
  - Standard: 802.3ap-2007 / 72.7.1 (10GBASE-KR)
- Proposed revision text
  - In Table 72-6 "Transmitter characteristics for 10GBASE-KR", change "Transition time (20%-80%)" to 24-47 ps.
- Rationale for revision
  - In Table 72-6, "Transition time (20%-80%)" is specified to be 2-47 ps.
  - In 72.7.1.7, transition time is specified to be 24-47 ps.
- Impact to existing networks

# Request 1200 – Notes

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- Notes from discussion
  - It appears that the issue has been fixed in 802.3ay which was published as IEEE 802.3-2008 in December 2008
  - There was no objection to rejecting the request
- State of request
  - Changed from “Received” to “Reject”
  - Intend to ask for a WG motion on Thursday

# Motion

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## Move:

- Accept the recommendation by the maintenance TF that maintenance request #1200 is out of scope and should be rejected
- M: W. Diab    S: V. Pillia
- Technical (75%)
- .3:
- Motion Passes by voice vote without opposition

# Maintenance Request 1205 Notes

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- Behaviour is correctly described in the NOTE
- First sentence of 2<sup>nd</sup> paragraph is incorrect and is to be deleted
- Status to be changes to “Ready for Ballot”
  - Maint TF Chair to provide P802.3az Chair option of conducting the balloting with P802.3az WG ballot

# Request 1206 – Notes

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- Notes from discussion
  - Requester updated suggested change to “deleting the word “UTP” from bullet (d)”
    - Poll of support of such a remedy
    - Y: 1 N: 7 A: 13
    - Lacks consensus
  - Propose adding the “5” footnote designation after the word UTP
    - Y: 9 N:1 A:11
    - Has consensus
  - Change the status from “Received to Ready for Ballot” and update remedy



# Request 1207 – Notes

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- Notes from discussion
  - Requester updated suggested change “adding the “5” footnote designation after the word unshielded”
    - Y: 11      N: 0    A: 8
    - Has consensus
  - Change the status from “Received to Ready for Ballot” and update remedy

# Request 1208 – Notes

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- Submitter withdraws request

# Straw Poll

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Prefer to do the maint requests 1206 and 1207 in P802.3az

- 1

Prefer to do the maint requests 1206 and 1207 in a future maint project

- 3

Don't care

- 5

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# 802.3bb Draft Review

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- Reviewed the draft that was submitted for WG Preview
- No changes were suggested or requested

# IEEE 802.3bb WG Motion (TF - Jan)

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## Move:

- Submit draft D1.0 with comments captured in diab\_1\_0109.pdf for Working Group preview at the March 2009 plenary
- Request that the 802.3 Working Group conduct a ballot on the draft
  
- M: D. Law      S: H. Barrass
- Technical (75%)
- All:            Y:5                    N:0                    A:0
- Motion Passes

# IEEE 802.3bb WG Motion (WG)

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Move:

- Request that the 802.3 Working Group conduct a ballot on the IEEE P802.3bb draft D1.1
- M: W. Diab     S: S. Carlson
- Technical (75%)
- .3:
- Motion Passes by voice vote without opposition

# IEEE 802.3bb SB Motion (TF)

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## Move:

- Request that IEEE 802.3 authorize the IEEE 802.3 Working Group chair to submit IEEE P802.3-2008/Cor 1 to sponsor ballot conditional upon successful completion of the Working Group ballot (making this request at the same time as Working Group ballot authorization is not setting precedent).
- Request that IEEE 802.3 authorizes the Maintenance Task Force to conduct meetings and recirculation ballots as necessary to resolve comments received during Working Group and Sponsor Balloting.
  
- M:D. Law    S: G. Zimmerman
- Technical (75%)
  
- All:                    Y:5                    N:0                    A:1
- Motion Passes



# IEEE 802.3bb SB Motion (WG)

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## Move:

- Request that IEEE 802.3 authorize the IEEE 802.3 Working Group chair to submit IEEE P802.3-2008/Cor 1 to sponsor ballot conditional upon successful completion of the Working Group ballot (making this request at the same time as Working Group ballot authorization is not setting precedent).
- Request that IEEE 802.3 authorizes the Maintenance Task Force to conduct meetings and recirculation ballots as necessary to resolve comments received during Working Group and Sponsor Balloting.
- M: W. Diab on behalf of the Task Force
- Technical (75%)
- .3:                    Y:76                    N:0                    A:6
- Motion Passes

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# Containment and LLDP Motion

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## Move:

- Affirm the containment model contained in IEEE P802.3bc D2.0 is the model used for LLDP related projects moving forward
- Request that IEEE P802.3at and IEEE P802.3az make the changes to their drafts to match above
- Copy the text from IEEE 802.1AB-2005 Section 5.2, items N and M to IEEE 802.3bc
  
- M: D. Law            S: H. Frazier
- Technical (75%)
- All:            Y:15            N:0            A:6
- Motion Passes

# IEEE P802.3bc Working Group ballot results

- Initial Working Group ballot – draft D2.0

Comments received: 104

	#	%		Status
		Actual	Required	
Abstain	33	20.37	< 30	PASS
Disapprove with comment	8	-	-	-
Disapprove without comment	3	-	-	-
Approve	121	93.80	≥ 75	PASS
Ballots returned	162	66.39	≥ 50	PASS
Voters	244	-	-	-

# Vancouver Plenary Meeting Report

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- Met Wednesday 11<sup>th</sup> March
  - Thanks to those that attended
- Reviewed IEEE P802.3bc/D2.0
- Responded to 104 comments

E (Editorial)	67
ER (Editorial required)	7
T (Technical)	24
TR (Technical required)	6
G (General)	0
GR (General required)	0

# IEEE 802.3bc WG Review 1

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## Move:

- Accept all open Es and ERs in the comment database
- Provide the Editor of P802.3bc editorial license
  
- M: G. Zimmerman    S: J. Lepak
- Technical (75%)
  
- All:            Y:7                    N:0                    A:0
- Motion Passes

# IEEE 802.3bc WG Review 2

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## Move:

- Charter the Editor of P802.3bc to generate D2.1 incorporating resolution to comments received on D2.0 and changes captured in diab\_1\_0309.pdf
- M: N. Finn      S: J. Lapak
- Technical (75%)
- All:            Y:    7            N:0            A:0
- Motion Passes

# IEEE 802.3bc SB Motion (TF)

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## Move:

- Request that IEEE 802.3 authorize the IEEE 802.3 Working Group chair to submit IEEE P802.3bc to sponsor ballot conditional upon successful completion of the Working Group ballot.
- Request that IEEE 802.3 authorizes the Maintenance Task Force to conduct meetings and recirculation ballots as necessary to resolve comments received during Working Group and Sponsor Balloting.
  
- M:D. Law    S: G. Zimmerman
- Technical (75%)
  
- All:                    Y:6                    N:0                    A:0
- Motion Passes



# IEEE 802.3bc SB Motion (WG)

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## Move:

- Request that IEEE 802.3 authorize the IEEE 802.3 Working Group chair to submit IEEE P802.3bc to sponsor ballot conditional upon successful completion of the Working Group ballot.
- Request that IEEE 802.3 authorizes the Maintenance Task Force to conduct meetings and recirculation ballots as necessary to resolve comments received during Working Group and Sponsor Balloting.
- M: W. Diab on behalf of the Task Force
- Technical (75%)
- .3:                    Y:80                    N:0                    A:10
- Motion Passes

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# ISO/IEC JTC 1 SC6 WG 1: Overview

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- Action from 802.3 opening session on Monday to discuss 8802-3:2000
- Issue is that 8802-3:2000 is obsolete
- IEEE 802.3 took a decision last year to not forward any standards to ISO/IEC JTC 1 SC6 WG 1, rather rely on current PSDO
- Liaison letters were generated

# Liaison to ISO/IEC JTC 1 SC6 WG 1

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- Subject: 8802-3:2000
- 8802-3:2000 is obsolete. The current revision is IEEE 802.3-2008
- The IEEE 802.3 believes that the current PSDO fully satisfies our requirements for international acceptance and recognition. IEEE 802.3 does not expect to submit any further versions to ISO/IEC for approval.
- Therefore we suggest ISO/IEC JTC 1 SC6 WG 1 review the active status of 8802-3:2000
- The IEEE 802.3 has enjoyed working with ISO/IEC JTC 1 SC6 WG 1
- We continue to offer and look forward to contributions from your members or International Observers in our future work.

# Liaison Motion (TF)

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- Move
  - Accept liaison response as drafted in diab\_1\_0309.pdf as a basis for a liaison communication to ISO/IEC JTC 1 SC6 WG 1.
  - Provide editorial licence to the Maint TF Chair to convert the bulleted text into a letter and present at the closing IEEE 802.3 plenary session for review
  - M: G. Thompson
  - S: R. Grow
  - Technical (75%)
  - Passes by voice vote without opposition

# Liaison Motion (WG)

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- Move
  - Accept liaison responses as drafted in iso\_iec\_jtc\_1\_sc6\_wg1\_0309.doc and Robin\_Tasker\_0309.doc.
  - Provide editorial licence to the IEEE 802.3 Working Group Chair or his delegate
  
  - M: W. Diab S: G. Thompson
  - Technical (75%)
  - .3: Y:74 N:0 A:6
  - Passes

# 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)
- Access information  
Username: \*\*\*\*\*  
Password: \*\*\*\*\*  
(Password **is** case sensitive)
- IEEE 802.3 Maintenance reflector  
stds-802-3-maint@ieee.org