

IEEE 1802.3-2001 Reaffirmation

November 16th, 2006

Dallas, TX

David Law

David_Law@3Com.com

IEEE 1802.3-2001 Reaffirmation

- Standards require reaffirmation or revision
 - Every 5 years
- Sponsor ballot group formation
 - Invitation Closed 29th July
- Sponsor balloting
 - Ballot opened 10th August
 - Ballot closed 9th September

IEEE 1802.3 Reaffirmation - Sponsor ballot results

Ballot opened 10th August 2006, closed 9th September 2006

Comments - <http://www.ieee802.org/3/1802reaff/1802p3reaff.pdf>

Comments received: 8

	#	%		Status
		Actual	Require	
Abstain	4	7	< 30	PASS
Disapprove with comment	1	-	-	-
Disapprove without comment	0	-	-	-
Approve	53	98	≥ 75	PASS
Ballots returned	58	75	≥ 75	PASS
Voters	77	-	-	-

Comment #2

The instructions for reaffirmation say "If you enter an affirmative vote, you will be implying that this standard continues to reflect the state-of-the-art and contains no obsolete or erroneous information."

The scope of this standard says: "The Clause 14 options excluded from this conformance test suite are support for Auto-Negotiation and full-duplex operation. The test suite should demonstrate conformance to Clause 14 of the ISO/IEC 8802-3 standard [IEEE Std 802.3]."

Also 6.1.1 of this standard says: "Many of these tests do not apply to embedded MAUs where the physical AUI does not exist. In those cases, other standards may apply."

At the current time, the vast majority of existing implementations of 10BASE-T support Auto-Negotiation and full-duplex operation. The vast majority of operation is in full-duplex mode rather than the original half-duplex mode. Almost no instances of 10BASE-T transceivers ship with an exposed AUI. Most are embedded.

Therefore, much of the information here does not apply to state of the art implementations. Only 6.2.1.10 and 6.2.1.11 contain tests that can clearly be applied to current implementations

Comment #2 - Response

REJECT.

The choices for this project at this point are:

Revise

Reaffirm

Withdraw

While this would be an ideal candidate for "stabilization", this option is not currently available.

Considering each choice

Revise

There has not been and is not likely to be any volunteer effort available to do this. If we were to actually do this, the ugly question would be raised as to providing equivalent documents for the other PHYs in the 802.3 standard.

Reaffirm

While this is not pretty, the specification for the PHY has evolved with the addition of Auto-negotiation and Full duplex operation since the standard is written, there is a significant amount of valid material that would effectively be lost were the standard not to be reaffirmed.

Withdrawal

A significant number of the tests in the standard are still valid and valuable. Access to these would be lost or severely diminished if the standard were withdrawn.

IEEE 802.3 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.

IEEE 802.3 Motion

If recirculation is required:

IEEE 802.3 authorises the IEEE 802.3 Maintenance Task Force to send out the comment responses to the IEEE Std 1802.3-2001 reaffirmation sponsor ballot to sponsor recirculation ballot.

IEEE 802.3 requests conditional approval (procedure 20) for submission to the REVCOM.

Move: Law

Second: McCormack