

# IEEE P802.3 Maintenance

July 10th, 2000

La Jolla, CA

David Law

# Overview

- Have 50 Maintenance requests
- Held conference call meeting - 12th May 2000
  - Reviewed process flow and available requests
- Received 13 requests since call, current status

Ready for ballot	3
Awaiting clarification	6
Errata	17
To be categorised	13
Review by Technical expert	10
Withdrawn	1

# Revision Request 1050

- STANDARD:

IEEE std 802.3-1998, IEEE std 802.3ac-1998 IEEE Std 802.3ab-1999,  
IEEE Std 802.3ad-2000

- PROPOSED REVISION TEXT:

Change the name of the "802dot3(10006)" assignment to  
"ieee802dot3(10006)"

- RATIONALE FOR REVISION:

According to ASN.1 (X.208, section 8.3): "An identifier shall consist of an arbitrary number (one or more) of letters, digits, and hyphens. The initial character shall be a lower-case letter. A hyphen shall not be the last character. A hyphen shall not be immediately followed by another hyphen. Note - the rules concerning hyphen are designed to avoid ambiguity with (possibly following) comment."

In other words, you CANNOT start an identifier with a digit. As a MIB that contains this is therefore illegal, no one will be able to parse a MIB that contains the identifier "802dot3(10006)".

# Revision Request 1050 (cont)

- IMPACT ON EXISTING NETWORKS:

As the MIBs prior to IEEE Std 802.3ad have only been GDMO, it is unlikely that any MIBs are in use with this identifier. If anyone had tried to use the GDMO MIBs they would have been found this bug.

The SNMP MIB in IEEE 802.3ad is slightly more of a problem however the following note was added prior to publication to try and lessen the impact.

"Note: As this text goes to publication it is believed that the identifier "802dot3" i.e. in the context 802dot3 (10006), violates ASN rules ref ASN 1 (X.208 Section 8.3) and will therefore produce a syntax error when compiled. IEEE is taking action to change this identifier to "ieee802dot3" as quickly as possible."

# Plans for the week

- Meet this week
  - Review requests
  - Review draft PAR
- Request approval for PAR at Thursday at 802.3 Closing plenary
- Expect to consider Revision Request 1050

# IEEE P802.3

## Maintenance Information

- There is a web site for our use at:

**<http://www.ieee802.org/3/maint/index.html>**

- The 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