

IEEE 802.3 Rules Report

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Rules change procedure

- Revision procedure in subclause 2.9 of rules
 - Changes pre-circulated prior to plenary
 - Vote held at the closing IEEE 802.3 plenary
 - Choices:
 - Reject
 - Approve
 - Send out to Working Group ballot
- No new revisions proposals received
- Four rules revisions proposals received in March
- Vote at July closing plenary
 - 3 Changes approved
 - Updated rules posted (Version 5.7)
 - 1 Change sent out to Working Group ballot
 - 3-03/07: Align IEEE 802.3 Five Criteria requirements with LMSC P&P

Proposed Rules Revision 3-03/07

(Align IEEE 802.3 Five Criteria requirements with LMSC P&P)

- Proposed change

Replace 7.2 with the following:

When a study group presents a request to the WG for them to forward a draft PAR to the LMSC EC for approval, they shall in addition present a completed set of responses to the 'five criteria' (see LMSC P&P 17.5). An 802.3 project shall also address the following.

Compatibility

- Compatibility with IEEE Standard 802.3
- Conformance with the CSMA/CD MAC

Distinct Identity

- Substantially different from other 802.3 specifications/ solutions.

- Rationale for change

The LMSC Five Criteria are based on the 802.3 criteria, but they have minor differences. This changes mandates use of the LMSC Five Criteria with some additional unique points from the 802.3 Five Criteria being required in the responses.

IEEE 802.3 Rules Change 3-03/07

Working Group ballot results

- Initial Working Group ballot
 - Ballot opened 11th October, closed 9th November 2007

Comments received: 19

	#	%		Status
		Actual	Required	
Abstain	2	2	< 30	PASS
Disapprove with comment	4	-	-	-
Disapprove without comment	0	-	-	-
Approve	113	97	≥ 75	PASS
Ballots returned	119	71	≥ 50	PASS
Voters	168	-	-	-

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Working Group ballot comments

- Total of 19 comments

E (Editorial)	2
ER (Editorial required)	2
T (Technical)	11
TR (Technical required)	4

- Big ticket item

- SNMP MIBs

Comment

This may be a good place to address the subject of SNMP MIB definitions.

Suggested remedy

This could be as simple as adding the words "including SNMP" to the end of the second paragraph of the LMSC compatibility criterion.

SNMP MIBs

- In the past the IETF defined and/or update SNMP MIBs for IEEE 802.3 projects
 - This was performed by the Ethernet Interfaces and Hub MIB (hubmib) Working Group
- This will no longer happen
 - First informed in March 2004
 - http://www.ieee802.org/3/minutes/mar04/0304_IETF_report.pdf#Page=8
 - Not been a huge issue for the recent 10Gb/s PHY projects
 - Will be a issue for the more complex projects
- Steps needed for SNMP MIBs
 - Take on ownership of the current SNMP MIBs
 - IEEE 802.1 going through this process (RFC 4663)
 - Could be a separate projects or as part of ongoing projects
 - Projects define and/or update SNMP MIBs as required

Plans for weeks

- Plans for week
 - Meet Wednesday afternoon
 - Please note 13:30 start
 - Consider and respond to comments on drafts
 - Expect to develop draft for recirculation

IEEE 802.3 Operating Rules

802.3 Operating Rules URL:

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

Web site Provides

802.3 Operating Rules in pdf

Revision history