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| 8802-3/802.3 REVISION REQUEST 1201 |
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DATE: 15th Dec, 2008
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REQUESTED REVISION:
STANDARD: IEEE Std 802.3-2008
CLAUSE NUMBER: Annex 28A, 30
CLAUSE TITLE: Selector Field definitions, Management

PROPOSED REVISION TEXT:

See attached.

RATIONALE FOR REVISION:

To update IEEE Std 802.3 with the Auto-Negotiation Selector field allocated to INCITS on 10th October 2006.

IMPACT ON EXISTING NETWORKS:

None, this is an additional network type supported by Auto-Negotiation. In addition the value has been available on the IEEE 802.3 selector field web page, referenced in IEEE Std 802.3 as the up-to-date source for these values, since its allocation.

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| Please attach supporting material, if any
| Submit to:- David Law, Chair IEEE 802.3
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|
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| +----- For official 802.3 use -----+
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| For information about this Revision Request see -
| http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1201
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Annex 28A

(normative)

Selector Field definitions

Change Table 28A-1 as follows:

Table 28A-1—Selector Field value mappings

S4	S3	S2	S1	S0	Selector description
0	0	0	0	0	Reserved for future Auto-Negotiation development
0	0	0	0	1	IEEE Std 802.3
0	0	0	1	0	IEEE Std 802.9 ISLAN-16T
0	0	0	1	1	IEEE Std 802.5
0	0	1	0	0	IEEE Std 1394
0	0	1	0	1	INCITS Reserved for future Auto-Negotiation development^a
0	0	1	1	X	Reserved for future Auto-Negotiation development ^a
0	1	X	X	X	Reserved for future Auto-Negotiation development
1	X	X	X	X	Reserved for future Auto-Negotiation development

^aFor up-to-date information on the allocation of Auto-Negotiation Selector Fields see <http://www.ieee802.org/3/selectors/selectors.html>

30.6.1.1.8 aAutoNegLocalSelectorAbility

Change 30.6.1.1.8 as follows:

ATTRIBUTE

APPROPRIATE SYNTAX:

A SEQUENCE that meets the requirements of the description below:

other	Undefined
ethernet	IEEE Std 802.3
isoethernet	IEEE Std 802.9a-1995
tokenring	IEEE Std 802.5
<u>incits</u>	<u>INCITS</u>

BEHAVIOUR DEFINED AS:

This indicates the value of the selector field of the local hardware. The Selector Field is defined in 28.2.1.2.1 for Clause 28 Auto-Negotiation and 73.6.1 for Clause 73 Auto-Negotiation. The enumeration of the Selector Field indicates the standard that defines the remaining encodings for Auto-Negotiation using that value of enumeration. For Clause 37 Auto-Negotiation devices, a SET of this attribute will have no effect, and a GET will return the enumeration “ethernet”;