

8802-3/802.3 REVISION REQUEST

DATE: October 24, 2002
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REQUESTED REVISION: Insert text to allow use of TIA/EIA-568 B.3 as an alternative performance Standard for the media dependent interface connector requirements.

STANDARD: IEEE 802.3

CLAUSE NUMBER: 52.14.14

CLAUSE TITLE: Medium Dependent Interface (MDI) requirements

PROPOSED REVISION TEXT:

When the MDI is a remateable connection it shall meet the interface performance specifications of TIA-568-B.3: Optical fiber cabling component standard or the interface performance specifications of:

- a) IEC 61753-1-1, Fibre optic interconnecting devices and passive component performance standard - Part 1-1: General and guidance - Interconnecting devices (connectors);
- b) IEC 61753-021-2 - Fibre optic passive components performance standard - Part 021-2: Fibre optic connectors terminated on single mode fibre for Category C - Controlled environment;
- c) IEC 61753-022-2 - Fibre optic passive components performance standard - Part 022-2: Fibre optic connectors terminated on multimode fibre for Category C - Controlled environment.

RATIONALE FOR REVISION: The referenced IEC 61753-022-2 document has not been completed and is not expected be published as a Standard until early 3rd quarter 2003. The TIA/EIA-568 B.3 Standard provides functional interface requirements to support reliable connector performance equivalent to the referenced IEC documents. The Standard is currently referenced in the draft 10 GFC document and the TIA/EIA-785-2001, 100 Mb/s Physical Layer Medium Dependent Sublayer and 10 Mb/s Auto-Negotiation on 850 nm Fiber Optics Standard. The inclusion of the TIA-568 B.3 Standard should be considered an editorial change as the document has withstood public scrutiny in the Standardization process to insure technical content. Please note that the IEEE 802.3 Standard includes many references to TIA Standards to support reliable 10 GbE operation.

Please attach supporting material, if any
Submit to:- Bob Grow, Chair IEEE 802.3
E-Mail: bob.grow@intel.com

+----- For official 802.3 use -----+
REV REQ NUMBER: 1100
DATE RECEIVED: 24th October, 2002
~~EDITORIAL~~/TECHNICAL
~~ACCEPTED~~/DENIED
BALLOT REQ'D ~~YES~~/NO
COMMENTS: Status J - 12th November 2002

For information about this Revision Request see -
http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1100