

COMMITTEE T1 – TELECOMMUNICATIONS

T1E1.4

Tampa, Florida; 7-11 May, 2001

T1E1.4/2001-171

Liaison to IEEE 802 Committee

TITLE: Liaison regarding Ethernet First Mile Study Group PHY over Copper

SOURCE*: Ed Eckert, Chair T1E1

PROJECT: VDSL

To: Jim Carlo (IEEE 802 chair) (j.carlo@ieee.org)

Fr: Ed Eckert (T1E1 Chair) (eckert@catena.com)

T1E1 wishes to inform the IEEE 802.3 Ethernet First Mile Study Group of the very high bit rate (VDSL) Trial Use standard set (three parts) that contain several PHY alternatives for high speed transmission on copper. Currently, this draft has undergone a T1 letter ballot and is in comment consideration.

T1E1 Letter Ballot 941:

Very-high-bit-rate Digital Subscriber Line (VDSL) Metallic Interface

Part 1: Functional Requirements and Common Specification

Part 2: Technical Specification for Single-Carrier Modulation (SCM) Transceivers

Part 3: Technical Specification for Multi-Carrier Modulation (MCM) Transceivers

This letter ballot is available at:

<http://www.t1.org/html/ballots.htm> (Closed Ballots - 941)

We encourage that due consideration be given for these PHYs for symmetric rates above 2Mbps in your work effort.

In addition, please be aware of spectral compatibility specifications provided in T1.417 (Spectrum Management for Loop Transmission Systems). T1E1 would be happy to assist you to ensure that the PHY specified would be compatible with other twisted pair transmission systems.

Cc: Geoff Thompson (IEEE 802.3 Chair) (gthompson@nortelnetworks.com)

Howard Frazier (IEEE 802.3 EFM Study Group Chair) (milardo@dominetsystems.com)

Massimo Sorbara (T1E1.4 Chair) (msorbara@globespan.net)

NOTICE

This contribution has been prepared to assist the standards committee T1-Telecommunications. This documents is offered to the committee as a basis for discussion and is not a binding proposal on ADTRAN. The contents are subject to change in form or content after further study. ADTRAN specifically reserves the right to add to, amend, or withdraw any and all statements contained herein.

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