11-July-2002

To: Rick Townsend, T1E1 Chair
        Ed Eckert, T1E1 Vice Chair
        Massimo Sorbara, T1E1.4 Chair
        Tom Starr, T1E1.4 Vice Chair
        Members of Working Group T1E1.4

From: IEEE 802.3ah EFM Task Force

Subject: Update on the progress of the Ethernet in the First Mile Copper sub-taskforce

Dear Chairmen, Members of Working Group T1E1.4,

The IEEE 802.3ah "Ethernet in the First Mile" Task Force held its seventh meeting this week
(July 9-11) in Vancouver, BC. During this meeting, the Copper Sub Task Force approved the
outline for the first draft of the clauses containing the point-to-point copper PHY
specifications. The Copper Sub Task Force further refined certain aspects of the baseline
proposal for the short-reach objective (based on VDSL) and reviewed baseline proposals for
its recently adopted long-reach objective (*PHY for single-pair, non-loaded, voice-grade
copper, distance ≥ 2700m and speed ≥ 2Mbps full duplex*).

The IEEE 802.3ah Task Force desires to make a final decision about the VDSL line code for
their short-reach point-to-point copper PHY in a timely manner. The Task Force recognizes
that Committee T1 has a goal of making a VDSL line code decision as a function of the trial
use period of T1.424/Trial-Use, and has unanimously approved the following motion:

> *Adopt presentation "rezvani_1_0302.pdf" (with addition of
> comments document "notes_to_the_editor_1_0302.doc", with the
> exception of note 13) as the basis of the first draft.*
> *Adopt "omahony_copper_1_0702.pdf" as the basis for the line code
> evaluation criteria. The line code selection process recognizes that
> Committee T1 has a goal of making a VDSL line code decision and
> will give due weight to that decision.*

We invite you to review our line code evaluation criteria document
http://www.ieee802.org/3/efm/public/jul02/copper/omahony_copper_1_0702.pdf and hope
you will be able to take our criteria into account during your line code selection process.

Regards,

Howard Frazier, IEEE 802.3ah Chair
Hugh Barrass, IEEE 802.3ah Copper STF Chair
Michael Beck, acting liaison IEEE 802.3-T1E1.4

Cc: Robert Grow, IEEE 802.3 WG Chair
        Paul Nikolich, IEEE 802 LMSC Chair