

Status: Approved by IEEE802.3ah

To: Manfred Gindel, ETSI TM6 Chairman
Members of ETSI TM6

Date: 14-November-2002

Subject: Update on the progress of the Ethernet in the First Mile Copper Sub Task Force

Dear Mr. Chairman and Members of ETSI TM6,

The IEEE 802.3ah Ethernet in the First Mile Task Force wishes to thank you for the information provided in your liaison letter of November 8, 2002, and welcomes the proposed cooperation between our two committees.

The work of the Copper Sub Task Force is based on the following objectives:

- [1] PHY for single pair non-loaded voice grade copper, distance $\geq 750\text{m}$ and speed $\geq 10\text{Mbps}$ full-duplex
- [2] PHY for single pair non-loaded voice grade copper, distance $\geq 2700\text{m}$ and speed $\geq 2\text{Mbps}$ full-duplex
- [3] Include an optional specification for combined operation on multiple copper pairs
- [4] The point-to-point copper PHY shall recognize spectrum management restrictions imposed by operation in public access networks, including:
 - Recommendations from NRIC-V (USA)
 - ANSI T1.417-2001 (for frequencies up to 1.1MHz)
 - Frequency plans approved by ITU-T SG15/Q4, T1E1.4 and ETSI/TM6

The Task Force is currently in the review stage for our draft. The candidate PHY specifications meeting the short-reach objective [1] reference the T1E1.4 Trial Use VDSL standard (T1.424/Trial-Use), ETSI TS101 270-1/2 and ITU-T Recommendation G.993.1. The two candidate PHY specifications for the long-reach objective [2] reference ITU-T Recommendations G.992.3 and G.991.2.

In order to meet your regulatory and compatibility concerns, we will consider adding references to relevant ETSI TM6 standards. We would like to ask ETSI TM6 to grant the members of our Task Force access to these documents. If you can provide us with electronic copies, we will make them available to our members through our password-protected website.

Regards,

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