

## WD28 – Liaison to IEEE EFM Committee

From : Manfred Gindel  
ETSI TM6 Chairman

To : Howard Frazier  
IEEE EFM Chairman

cc: Hugh Barrass  
IEEE EFM Copper Support Group Chairman

Dear Mr Frazier,

At our recent ETSI TM6 meeting in Darmstadt, Germany (4-8th November 2002) Richard Stuart (Aware Technologies) presented an overview of the work currently being performed by the IEEE EFM Standards Group. Part of this presentation was a request for co-operation between our two standards committees. This document forms an official liaison from TM6 to EFM and is intended to make EFM aware of some key points arising from our work.

As you are probably aware, ETSI TM6 is responsible for defining the physical layer standards for Digital Subscriber Line (DSL) technologies in Europe. To date we have published specifications for ISDN-BA, HDSL (High bit-rate DSL), ADSL (Asymmetric DSL), VDSL (Very high-speed DSL) and most recently, SDSL (Symmetric DSL). Both the ADSL and SDSL specifications for Europe have subsequently been incorporated into a regional Annex to the ITU-T's ADSL recommendation (G.dmt) and SHDSL recommendation (G.shdsl) respectively.

You may be interested to know that our VDSL specification defines the following two frequency allocations; the main frequency plan for Europe (Plan 997) and the optional frequency plan (Plan 998). The decision as to which of these plans is used in a particular country is made by the national regulator of that country. (Note that only ONE plan can be deployed in a country's access network). The incorporation of both frequency plans in our specification means that ETSI compliant VDSL equipment can be deployed in any European country. We believe that this is something that you may wish to incorporate into your emerging standard as many European regulators have already decided what frequency plan they will use for VDSL.

In addition, the spectrum management plans imposed by some European Regulators do not permit the deployment of some DSL transmission systems as they do not meet the associated regulatory requirements. We therefore invite you to take into account the regulatory requirements defined by European Regulators regarding spectrum management in your specifications.

ETSI TM6 would like to thank the EFM committee for taking an interest in our work and look forward to receiving a reply to this liaison document in due course. We look forward to successful collaboration between our two committees in the future.

Best regards,

Manfred Gindel  
ETSI TM6 Chairman

Date : 8<sup>th</sup> November 2002