

Draft Liaison Statement from IEEE 802.3 to ISO/IEC SC25/WG3

Subject: LCTL & ILD Specifications

Date: July 13, 2000

IEEE 802.3 wishes to offer guidance on the specification of LCTL (attenuation unbalance, far end) and ILD (insertion loss deviation):

1. LCTL is an important parameter in determining the electromagnetic performance of balanced cabling and should therefore be specified, if practical.
2. The noise contribution associated with ILD has already been taken into account by FDDI TP-PMD, which referenced by the specification for 100BASE-TX CSMA/CD. We recommend that the approach adopted by TP-PMD be considered for the specification of ILD noise in future cabling standards.

Other topics

IEEE 802.3 is formally considering the adoption of the attached as the link specification for 100BASE-TX. This would replace the current link specification that is contained within the TP-PMD standard. The specification, which is in initial ballot between now and our November meeting, is attached for your information and comment.

Your input on our questions on DTE Power was received with appreciation and has been factored into our decisions on achievable power levels. Thank you very much.

We will next meet again during the 2<sup>nd</sup> week of November in Tampa Florida and the 2<sup>nd</sup> week of March in Hilton Head, South Carolina. We also have an interim meeting of our 10 GbE and DTE Task Forces scheduled for the Boston area in September.

Motion: Flatman/DiMinico

Submit the above to the Exec as a Liaison letter to SC25/WG3

Y: \_\_50\_\_ N: \_\_5\_\_ Ab\_62\_\_ PASS

Exec Vote: Thompson/Grow: Y\_\_\_\_\_ N\_\_\_\_\_ Ab\_\_\_\_\_