# Clause 30

Proposed Clause 30 text for 10BASE-T1M PHY.

This text adds modifies the 10BASE-T1S definitions to apply to both 10BASE-T1S and 10BASE-T1M and notes any exceptions.

**30.3.2.1.2 aPhyType**

Insert the following new entry in the APPROPRIATE SYNTAX section of 30.3.2.1.2 after the entry for “10BASE-T1S”:

10BASE-T1M Clause 168 10 Mb/s DME

**30.3.2.1.3 aPhyTypeList**

Insert the following new entry in the APPROPRIATE SYNTAX section of 30.3.2.1.3 after the entry for “10BASE-T1S”:

10BASE-T1M Clause 168 10 Mb/s DME

**30.5.1.1.2 aMAUType**

Insert the following new entry in the APPROPRIATE SYNTAX section of 30.5.1.1.2 after the entry for “10BASE-T1SFD”:

10BASE-T1MD Single balanced pair PHY as specified in Clause 168

**30.6.1.1.5 aAutoNegLocalTechnologyAbility**

Insert the following new entry in the APPROPRIATE SYNTAX section of 30.6.1.1.5 after the entry for “10BASE-T1SFD”:

10BASE-T1MD Single balanced pair PHY as specified in Clause 168

**30.16.1.1.3 aPLCANodeCount**

Replace

“This value is assigned to define the number of nodes getting a transmit opportunity before a new BEACON is generated. Valid range is 0 to 255, inclusive. The default value is 8.;”

With

“This value is assigned to define the number of nodes getting a transmit opportunity before a new BEACON is generated. When D-PLCA is enabled, writes to this attribute are ignored.

Valid range is 0 to 255, inclusive. The default value is 8.;”

30.16.1.2.1 acDPLCAAdminControl

Replace

“This action provides a means to alter aDPLCAAdminState. Setting acDPLCAAdminControl to the disabled state sets the variable dplca\_en to FALSE and disables the PLCA functionality specified in 148.4.7. Setting acPLCAAdminControl to the enabled state sets the variable plca\_en to TRUE in Figure 148–8 and Figure 148–9.;”.

With

“This action provides a means to alter aDPLCAAdminState. Setting this controls the state of D-PLCA (Clause 148.4.7) by modifying the variable dplca\_en (148.4.7.2 ).