

Changes from 802.3cz

<<Editorial>>

Keywords: Add new PHY name

Clause 1.4 Definition:

Add new PHY names (BASE-*U)

Clause 30. Management:

Add new PHY names (BASE-*U)

Clause 44. Introduction to 10 Gb/s baseband networks:

Add new PHY names (BASE-A*)

Clause 45. Management Data Input/Output (MDIO) Interface:

Add new PHY names (BASE-A*). Still keep BASE-U PCS and OAM

Clause 78. Energy-Efficient Ethernet (EEE)

Add new PHY names (BASE-A*)

Clause 105. Introduction to 25 Gb/s networks

Add new PHY name (25GBASE-A*)

Clause 125. Introduction to 2.5 Gb/s and 5 Gb/s networks

Add new PHY names (2.5GBASE-A* and 5GBASE-A*)

<<Technical>>

Clause 166. Physical Coding Sublayer (PCS), Physical Medium Attachment (PMA) sublayer, and Physical Medium Dependent (PMD) sublayer, types

2.5GBASE-AU, 5GBASE-AU, 10GBASE-AU, 25GBASE-AU, and 50GBASE-AU:

Add new PHY names (BASE-A*)

Table 166-7—Signal detect value definitions: Add column for BASE-A*

Table-166-8 BASE-AU operation range: Add operation range for BASE-A*

Table 166-9: BASE-AU transmitter optical characteristics: Add column for BASE-A*

Table 166-10: BASE-AU receiver optical characteristics: Add column for BASE-A*

Table 166-11: BASE-AU illustrative link power budget: Add column for BASE-A*

Table 166-12—Test patterns used for BASE-AU compliance: Add new PHY names (BASE-A*)

Table 166-13—Test pattern definitions and related subclauses: Add new PHY names (BASE-A*)

Table 166-14—Combined O/E and fourth-order Bessel BW-3dB and BWN: Add column for BASE-A*

Table 166-15—BASE-AU TDFOM reference equalizer number of taps: Add column for BASE-A*

Table 166-16—BASE-AU TDFOM parameters: Add column for BASE-A*

Figure 166-44—Illustration of receiver sensitivity: Add plots for BASE-A*

Figure 166-45—Stressed receiver conformance test block diagram: Add BASE-A*

Table 166-17—Applied sinusoidal jitter for 2.5GBASE-AU, 5GBASE-AU, and 10GBASE-AU: Add BASE-A*

Figure 166-46—BASE-AU fiber optic cabling model: Add BASE-A*

166.6.6.1 Optical fiber cable: Add IEC60794-2-40 A4j

Table 166-19—BASE-AU optical fiber and cable characteristics: Add A4j

Table 166-20—BASE-AU total connection insertion loss: Add BASE-A*

Table 166–21—BASE-AU variable mapping: Add BASE-A*

Table 166–22—BASE-AU temperature classes: Add BASE-A*

Table 166–23—Delay constraints: Add BASE-A*

166.12.2.2 Protocol summary: Add BASE-A*

166.12.3 Major capabilities/options: Add BASE-A*

166.12.4 General: Add BASE-A*

166.12.10 Optical measurement methods: Add BASE-A*

166.12.11 Characteristics of the fiber optic cabling (channel): Add BASE-A*

166.12.14 Management Interface: Add BASE-A*

166.12.15 Environmental specifications: : Add BASE-A* should refer to table 166-22, not 166-21?