Draft Objectives for MACMERGE and TSSI Enhancements

6/9/2021

Adopted Draft Objectives

ADOPTED:

- Enable use of the 10BASE-T1L point-to-point full-duplex PHY with Clause 99 MACMERGE

- Require no changes to PHYs, Clause 4/Annex 4A MAC, or MAC/PLS Interface

Draft Objectives IN FORMULATION

- Either (based on consideration of inclusion of half-duplex T1S):

  A. No half duplex: Enable use of the 10BASE-T1S PHY with Clause 99 MACMERGE in full-duplex, point-to-point mode only.

  B. Include half duplex point-to-point: Enable use of the 10BASE-T1S PHY with Clause 99 MACMERGE in both half-duplex and full-duplex point-to-point modes.

- Additional: open discussion of a potential TSSI-related objective

  - (backstopping 802.3da changes to add half-duplex support to TSSI)