

# Draft Objectives for MAC Merge and TSSI Enhancements (including motions & notes)

7/21/2021

# Adopted Draft Objectives

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## 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

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- 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

# Motion

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- Move to accept the following objective:  
Enable use of the 10BASE-T1S PHY with Clause 99 MAC Merge in both half-duplex and full-duplex point-to-point modes.
- M: Peter Jones
- S: Bob Voss
- Y: 17
- N: 1
- A: 11
- Motion Passes (Technical  $\geq 75\%$ )

# Notes on Motions

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- Motion to adopt “A” failed for lack of a second
- Motion to amend Motion on slide 4 to “Consider enabling use” rather than “Enable use” failed for lack of a second.