REVISION REQUEST

DATE: 14 February 2022
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REQUESTED REVISION:
STANDARD: IEEE Std 802.3-202x
CLAUSE NUMBER: Subclause 147.8
CLAUSE TITLE: Mixing segment characteristics

PROPOSED REVISION TEXT:
Add the following note between Figure 147-20 and subclause 147.8.1:

"NOTE—The mixing segment specifications in 147.8 are to be met without MDI attachments or stub terminations."

RATIONALE FOR REVISION:
The standard is not clear on the intended loading under which the specifications apply, and the suggested NOTE is consistent with keeping the mixing segment specifications separable from the MDI specifications.

The understanding of the intended meaning is confirmed and documented in the comment responses to comments i-627, i-628, and i-629 on the initial working group ballot (see https://www.ieee802.org/3/cg/comments/802.3cg_draft2p0_Resolved_By%20Comment%201D.pdf).

These comments changed the language from one where the MDI loading was part of the specification to one independent of the MDI, resulting in the current form of the requirement.

IMPACT ON EXISTING NETWORKS: None.