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|                          REVISION REQUEST                            |
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DATE:  14 February 2022
NAME:  David D. Brandt
COMPANY/AFFILIATION:  Rockwell Automation, Inc.
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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%20Comm
ent%20ID.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.

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|Please attach supporting material, if any                             |
|Submit to:-   David Law, Chair IEEE 802.3                             |
|and copy:-    Adam Healey, Vice-Chair IEEE 802.3                      |
|                                                                      |
|At:-          E-Mail: stds-802-3-maint-req@ieee.org                   |
|                                                                      |
|               +------------ For official use ------------+          |
|               |  REV REQ NUMBER: 1395                    |          |
|               |  DATE RECEIVED: 22 March, 2022           |          |
|               |  EDITORIAL/TECHNICAL                     |          |
|               |  ACCEPTED/DENIED                         |          |
|               |  BALLOT REQ'D    YES/NO                  |          |
|               |  COMMENTS:                               |          |
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| For information about this Revision Request see -                    |
|http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1395 |
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