Cl **0**   *SC* **0**   *P* **0**   *L* **0**   # I-11

Thompson, Geoffrey   GraCaSI S.A.

Comment Type **TR**   *Comment Status* **D**   *Half-Duplex*

Draft includes TSSI with half duplex operation and via the interruptible MAC in a MAC Merge system, each of which is subject to having other traffic destroy deterministic delivery.

SuggestedRemedy

Remove allowance for a half duplex operation with TSSI.
Remove allowance for operation with TSSI via the pMAC.

Proposed Response   *Response Status* **W**

PROPOSED REJECT.
Task Force to Discuss
CRG disagrees with the commenter.

Text for Clause 99 (MAC Merge) in the draft only specifies operation with 'a pair of full-duplex MACs' and does not include MAC Merge in a half-duplex system, thereby not allowing operation in half-duplex. The draft does define operation of TSSI for half duplex, but defining TSSI as an interface and its behavior for half-duplex does not in itself alter or destroy deterministic delivery, and furthers interoperability by defining the interface's expected behavior.

Commenter provides insufficient information for a remedy.

Commenter's suggested remedy is insufficient, as it would imply eliminating functionality currently specified in IEEE Std 802.3 ("Remove allowance for operation with TSSI via the pMAC") which would go beyond the scope of the IEEE P802.3de PAR.

Cl **FM**   *SC* **FM**   *P* **4**   *L* **31**   # I-5

Grow, Robert   RMG Consulting

Comment Type **G**   *Comment Status* **D**   *Alignment of frontmatter*

This is not curent frontmatter mandated to be included in IEEE draft standards.Differences noted here in the second paragraph, pluss two paragraphs are missing from the Patents section at the end of page 6.

SuggestedRemedy

Replace mandated front matter text with current text. (P802.3/D3.2 has the current text.)

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.
Accomodated by comment I-1.
Response to Comment I-1 was ACCEPT.
Align the frontmatter with the changes in the most recent version of the base standard.

Cl **FM**   *SC* **FM**   *P* **4**   *L* **32**   # I-1

Zimmerman, George   ADI, APL Group, Cisco, CommScope, Marvell, SenTe

Comment Type **E**   *Comment Status* **D**   *Alignment of frontmatter*

The text of the frontmatter does not align with changes made during IEEE P802.3dc balloting. Places noted include the second paragraph of the Notice & Disclaimer (page 4, line 32), footnoted URLs for myproject, contact form, IEEE Xplore, and other (page 5 lines 38 & 40, and page 6, lines 39, 45, 47, and 52)

SuggestedRemedy

Align the frontmatter with the changes in the most recent version of the base standard.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

Cl **FM**   *SC* **FM**   *P* **10**   *L* **3**   # I-6

Grow, Robert   RMG Consulting

Comment Type **E**   *Comment Status* **D**   *Alignment of frontmatter*

Swrong amdnement number.

SuggestedRemedy

"Amendment 6"

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.
Make change indicated in editor's note on page 11 (not 10) line 3.

Cl **FM**   *SC* **FM**   *P* **11**   *L* **19**   # I-2

Zimmerman, George   ADI, APL Group, Cisco, CommScope, Marvell, SenTe

Comment Type **E**   *Comment Status* **D**   *Alignment of frontmatter*

Minor changes in the introduction frontmatter need to align with the latest version of IEEE P802.3dc in ballot. These include EtherType (vs. Ethertype) on line 19, no 'TM' marking on IEEE Std 802.3ba on line 27, and on page 12, line 39, replacing 'add' with 'include additional'

SuggestedRemedy

Align text of introduction frontmatter with latest version of IEEE P802.3dc.

Proposed Response   *Response Status* **W**

PROPOSED ACCEPT.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general
COMMENT STATUS: D/dispatched A/accepted R/rejected   RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn
SORT ORDER: Page, Line

Pa **11**
Li **19**

Page 1 of 3
4/25/2022 8:08:27 AM

Cl **FM** *SC* **FM**   *P* **12**   *L* **52**   # I-7

Grow, Robert   RMG Consulting

Comment Type **E**   *Comment Status* **D**   *Alignment of frontmatter*

The description of 802.3cs does not agree with P802.3cs/D3.2 (at time of comment the latest P802.3cs draft).

SuggestedRemedy

Update with latest P802.3cs draft self description.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **FM** *SC* **FM**   *P* **13**   *L* **12**   # I-8

Grow, Robert   RMG Consulting

Comment Type **E**   *Comment Status* **D**   *Alignment of frontmatter*

"PHY" is not an acronym for Physical Layer (see P802.3/D3.2, 1.5) and has been removed from the P802.3db self-description (P802.3db/D3.0).

SuggestedRemedy

Delete "(PHY)".

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **FM** *SC* **FM**   *P* **13**   *L* **24**   # I-9

Grow, Robert   RMG Consulting

Comment Type **E**   *Comment Status* **D**   *Alignment of frontmatter*

The description of 802.3cx does not agree with P802.3cx/D2.3 (at time of comment the latest P802.3cx draft).

SuggestedRemedy

Update with latest P802.3cx draft self description.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **FM** *SC* **FM**   *P* **14**   *L* **1**   # I-3

Ran, Adee   Cisco Systems, Inc.

Comment Type **G**   *Comment Status* **D**   *Editorial*

The table of contents is usually preceded by a "Contents" heading.

SuggestedRemedy

Add "Contents" heading.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT.

Cl **90** *SC* **90**   *P* **16**   *L* **2**   # I-10

Grow, Robert   RMG Consulting

Comment Type **E**   *Comment Status* **D**   *Editorial*

The three editing instructions look to have been carefully crafted to allow the amendment to either preceed or follow P802.3cx. But, P802.3cx proposes significant additions to Clause 90 subclauses modified here.

SuggestedRemedy

The editing instructions on lines 6, 19, and 28 are appropriate if this amendment is to preceed P802.3cx, but should reference P802.3cx if this amendment follows P802.3cx.

Proposed Response *Response Status* **W**

PROPOSED ACCEPT IN PRINCIPLE.
Based on the current draft of 802.3cx, the proposed editorial instructions do not change based on whether this draft precedes or succeeds 802.3cx. Editor to monitor and maintain alignment with 802.3cx draft, adjusting if appropriate

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TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general   *Pa* **16**   Page 2 of 3
COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn   *Li* **2**   4/25/2022 8:08:27 AM
SORT ORDER: Page, Line

Cl **99** *SC* **99.1** *P* **17** *L* **9** # I-4

Ran, Adee   Cisco Systems, Inc.

Comment Type **T** *Comment Status* **D**

"The clause is applicable to full-duplex operation with 10BASE-T1L (Clause 146) and 10BASE-T1S (Clause 147) PHYs and all PHYs 100 Mb/s and above (See Figure 1-1)"

This sentence was added in D2.1 as a result of comment #39 against D2.0, and that comment also inserted some text related to half-duplex operation.

The text related to half-duplex was subsequently removed, as a results of multiple comments against D2.1; so now clause 99 is applicable only to full-duplex operation, as stated in the first sentence, preceding the quoted sentence. The quoted sentence thus became redundant.

Additionally, the quoted sentence breaks the flow of its preceding sentence, which mentions "a pair of full-duplex MACs", and its subsequent sentence, which starts with "The two MACs are".

The only remaining effect of the quoted sentence is noting that full-duplex operation is also possible in 10BASE-T1L and 10BASE-T1S. But this information is out of place in this clause.

SuggestedRemedy

Delete the sentence "The clause is applicable to full-duplex operation with 10BASE-T1L (Clause 146) and 10BASE-T1S (Clause 147) PHYs and all PHYs 100 Mb/s and above (See Figure 1-1)."

Proposed Response *Response Status* **W**

PROPOSED REJECT.
Task Force to Discuss.

The CRG disagrees with the commenter. While the commenter is correct that the extra sentence was added to provide clarity in a broader context, it still provides additional clarity to the use of Clause 99, especially since the 10BASE-T1S PHY has a half-duplex shared-medium mode of operation.

TYPE: TR/technical required ER/editorial required GR/general required T/technical E/editorial G/general *Pa* **17** Page 3 of 3
COMMENT STATUS: D/dispatched A/accepted R/rejected RESPONSE STATUS: O/open W/written C/closed U/unsatisfied Z/withdrawn *Li* **9** 4/25/2022 8:08:27 AM
SORT ORDER: Page, Line