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|                          REVISION REQUEST                            |
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DATE: 04 October 2024
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REQUESTED REVISION:
  STANDARD: 802.3-2022
  CLAUSE NUMBER: 149.3.9
  CLAUSE TITLE: MultiGBASE-T1 operations, administration, and
  maintenance (OAM)
PROPOSED REVISION TEXT:
Replace:
"However, if EEE is implemented, then the OAM frame exchange function
is implemented to exchange, at a minimum, the link partner OAM status."
with:
"However, if EEE is implemented, then the OAM frame exchange function
shall be implemented to exchange, at a minimum, PHY health."

Add to the PICS:

"OAMx | OAM frame exchange | 149.3.9 | Exchange, at a minimum, PHY
health | EEE*OAM:M | Yes[] NA[]"

RATIONALE FOR REVISION:
There appears to be an incorrect reference to OAM status instead of PHY
health as the PHY health fields contain information that would be acted
upon while in LPI and OAM status does not. Additionally, the reference
to "link partner" confusingly implies the PHY would be transmitting the
link partner's information not it's own. This should also be a shall as
it is not covered in the blanket shall of the state diagrams.

IMPACT ON EXISTING NETWORKS:
This change will impact any 2.5GBASE-T1, 5GBASE-T1, or 10GBASE-T1 PHY
implementations that have EEE and only exchange OAM status in their
implementation of OAM.

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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: 1447                     |           |
|              | DATE RECEIVED: 04 October 2024           |           |
|              | 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#REQ1447 |
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