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|                          REVISION REQUEST                           |
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DATE: 29 April 2023
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REQUESTED REVISION:
  STANDARD:       IEEE Std 802.3-2022
  CLAUSE NUMBER:  99.4.7.7
  CLAUSE TITLE:   State diagrams

PROPOSED REVISION TEXT:
Add the text 'Produces eight rPLS_DATA.request primitives based on the
8-bit vector.' after the text 'Otherwise it returns a vector containing
0xD5 (i.e., SFD).' in the description of the SMDS_ENCODE() function.

RATIONALE FOR REVISION:
The SMDS_ENCODE(frame_cnt) function produces the Start mPacket Delimiter
(SMD) encoding for the start of a preemptable packet (SMD-S) using the
frame count supplied. The SMDS_ENCODE function is called in the
SEND_SMD_S state in Figure 99-5 'Transmit Processing state diagram' with
the parameter txFrame which will produce the 8-bit SMD-S vector, however,
there is no function call to pass this vector to the RS for transmission.

The similar SMDC_ENCODE(frame_cnt) function inclides the text 'Produces
eight rPLS_DATA.request primitives based on the 8-bit vector.' to pass
its vector to the RS for transmission. This text should be included in
the SMDS_ENCODE(frame_cnt) function description too.

IMPACT ON EXISTING NETWORKS:
None. Existing implementations must have taken the outpout of the
SMDS_ENCODE(frame_cnt) function and passed the value to the RS for
transmission otherwise there will be no Start mPacket Delimiter (SMD) for
0xD5preemptable packets.

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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                  |
|                                                                     |
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|              | REV REQ NUMBER: 1413                     |           |
|              | DATE RECEIVED: 18 August, 2023           |           |
|              | 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#REQ1413 |
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