DATE: 16th June, 2015
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REQUESTED REVISION:
STANDARD: 802.3-2012
CLAUSE NUMBER: 35
CLAUSE TITLE: 35.2.1.1.2 Semantics of the service primitive

PROPOSED REVISION TEXT:
Change all instances of 'TRANSMIT_COMPLETE' in Clause 35 to 'DATA_COMPLETE'. There are 2 instances in 35.2.1.1.2 and one in Table 35-1.

RATIONALE FOR REVISION: The semantics of the PLS_DATA.request service primitive for 10 Mb/s (6.3.1.1.2) is defined as ONE, ZERO, or DATA_COMPLETE, for 100 Mb/s (22.2.1.1.2) as ONE, ZERO, or DATA_COMPLETE, for 1000 Mb/s (26.1.7.1.2) as ONE, ZERO, or DATA_COMPLETE, for 10 Gb/s (46.1.7.1.2) as ONE, ZERO, or DATA_COMPLETE and for 40 Gb/s and 100 Gb/s (81.1.7.1.2) as one, zero, or DATA_COMPLETE. We however define the semantics of the PLS_DATA.request service primitive for 1 Gb/s (35.2.1.1.2) as ONE, ZERO, TRANSMIT_COMPLETE, EXTEND or EXTEND_ERROR. In IEEE Std 802.3-2012 there seems to be only three instances of 'TRANSMIT_COMPLETE', all in Clause 35.

IMPACT ON EXISTING NETWORKS: None, it is just a change in the definition of the primitive parameter.