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| IEEE 802.1 REVISION REQUEST 0087 |
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DATE: Nov. 17, 2012  
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REQUESTED REVISION:  
STANDARD: 802.10-2011  
CLAUSE NUMBER: 17.7.7.1  
CLAUSE TITLE: Definitions for the IEEE8021-CFM MIB module

RATIONALE FOR REVISION:

A liaison received from the MEF called attention to some ambiguity in determining how a LTM transmission is initiated by management. The text in the MIB says it is initiated "in a manner similar to that described for LBM transmission", but LBM transmission is initiated by writing a non-zero value to the dot1agCfmMepTransmitLbmMessages object, but there is no similar object for LTM.

LTM transmission should be initiated by a write to the dot1agCfmMepTransmitLtmFlags object.

Liaison received from the MEF:  
liaison-mef-100156-000-liaison-on-linktrace-trigger-ranganathan-0812.doc

Liaison response to the MEF:  
liaison-response-to-mef-100156-000-link-trace-trigger-1112.rtf

PROPOSED REVISION TEXT:

In the description of the dot1agCfmMepTable in 802.10-2012 17.7.7.1:  
Replace the current text:

"The LTM Managed objects in the MEP table are used in a manner similar to that described for LBM transmission, above. Upon successfully initiating the transmission, the variables dot1agCfmMepTransmitLtmSeqNumber and dot1agCfmMepTransmitLtmEgressIdentifier return the information required to recover the results of the LTM from the dot1agCfmLtrTable."

With:

"The LTM Managed objects in the MEP table are used in a manner similar to that described for LBM transmission, above. A SET operation to the variable dot1agCfmMepTransmitLtmFlags triggers the transmission of an LTM. Then, the variables dot1agCfmMepTransmitLtmSeqNumber and dot1agCfmMepTransmitLtmEgressIdentifier return the information required to recover the results of the LTM from the dot1agCfmLtrTable."

IMPACT ON EXISTING NETWORKS:

This text clarifies the original intent of how LTM transmissions are initiated. While the original text was not explicit in this regard,

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there are no alternate methods indicated for initiating LTM transmissions,  
so this should have no impact on existing networks.

Please attach supporting material, if any  
Submit to: - Tony Jeffree, Chair IEEE 802.1  
and copy: - Glenn Parsons, Vice-Chair IEEE 802.1  
E-Mail: stds-802-1-maint-req@ieee.org

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