

# **OAM Event Timestamps**

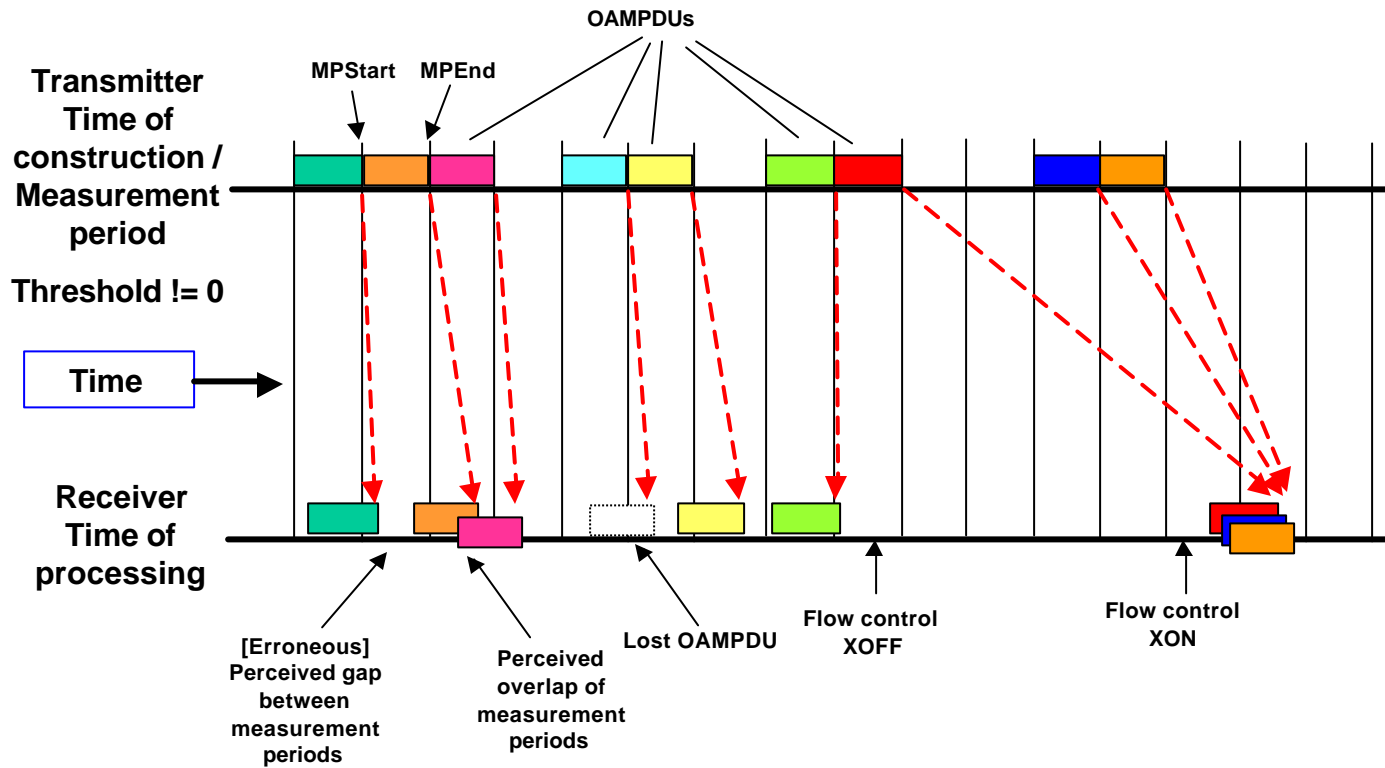
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**A proposal to improve usability of  
Event Notification OAMPDUs**

**March 12, 2003**

**Ethernet in the First Mile**  
**IEEE 802.3ah Task Force**

# Event Timeline Problem Example



# OAM Event Timestamps

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- What is needed is a way to convey a timeline reference from the transmitter to the receiver such that ambiguity can be minimized .
- Proposal is to embed a coarse timestamp in the Event Notification OAMPDU that represents the transmitter's time -of-construction. This field (a TLV?) would be incremented by one each 100msec. Since the OAM sublayer/client has knowledge of when to send OAMPDUs, it can use the same knowledge of time to fill in the appropriate value in the timestamp field.