INTERNATIONAL TELECOMMUNICATION UNION

TELECOMMUNICATION STANDARDIZATION SECTOR

STUDY PERIOD 2017-2020

SG15-LS68

STUDY GROUP 15

Original: English

Question(s):	12, 14/15	Ottawa, Canada, 18-22 September 2017

Ref.: TD124/WP3

Source:	ITU-T SG15
Title:	LS/r Regarding coordination on IM/DM for OAM (reply to IEEE802.1-LS36 - TD122/3)

LIAISON STATEMENT

For action to:	IEEE 802.1, IEEE 802.3
For comment to:	-
For information to:	-
Approval:	SG15 meeting (Ottawa, Canada, 18-22 September 2017)
Deadline:	15 November 2017

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During the ITU-T Q12/15 and Q14/15 joint interim meeting in Ottawa on September 18-22, 2017, Q14/15 progressed work on G.8052.1 "*Transport OAM Management Information/Data Models for Ethernet Transport Network Element*". An initial version of this draft recommendation has been created at the meeting. The draft is attached for your information and comment.

Our next meetings are the December 4 – 8, 2017 Interim meeting hosted by Ciena in London and the Study Group 15 plenary meeting on January 29 – February 9, 2018 in Geneva.

We are also planning to hold a Q14/15 interim meeting on 2018-Jan-28 (in Geneva after the IEEE/ITU-T joint workshop) and would like to invite experts from IEEE 802.1 and IEEE 802.3 YANG projects to discuss mechanisms to ensure alignment of the IEEE YANG work:

- IEEE 802.1Qcp (Bridges and Bridged Networks Amendment: YANG Data Model) and YANG related to
- IEEE 802.1Qcx Connectivity Fault Management (CFM) (Bridges and Bridged Networks Amendment: YANG Data Model for Connectivity Fault Management) and
- IEEE802.3.2 Standard for Ethernet YANG Data Model Definitions

With the Q14/15 Recommendation G.8052.1 "Transport OAM Management Information/Data Models for Transport Ethernet Network Element".

Advancing the work on G.8052.1 will entail the creation of an UML OAM model (pruned/refactored from G.8052 and supporting the G.8013/Y.1731-defined OpCodes) and its translation as a YANG module. Alignment though augmentation of the IEEE 802.1Qcp YANG and

IEEE 802.1Qcx YANG models is to be explored. Also in scope are any other YANG models of mutual interest (e.g., YANG for Ethernet Ring Protection).

We look forward to coordinating the development of YANG models for Ethernet OAM.

ATTACHMENT: WD1214-09

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