INTERNATIONAL TELECOMMUNICATION UNION

TELECOMMUNICATION STANDARDIZATION SECTOR

STUDY PERIOD 2009-2012

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Question(s): 12/15

LIAISON STATEMENT

Source: ITU-T Study Group 15

Title: Use of the MEP and MIP for fault isolation (ref # 011.01)

LIAISON STATEMENT

For comment to: **IETF mpls Working Group**

Approval: **Agreed to at SG 15 meeting (Geneva, 28 September-9 October 2009)**

Deadline: **December 2009**

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A contribution to the SG 15 meeting C592 (NTT) "Proposal of definition of maintenance points (MEP and MIP)" describes the use of MEPs and MIPs to support fault localization. This results in the following scenarios:

S1) At the intermediate node on PW/LSP, it should be possible to activate two MIPs, one on each side of the switch fabric/forwarding part.

S2) At the edge node on PW/LSP, it should be possible to activate one MIP and one MEP, one on each side of the switch fabric/forwarding part.

S3) If OAM is supported then MEPs have to be active at all times when the LSP is set, a MIP only has to be activated when it is necessary or required (e.g. for fault location). (That is, a MIP does not need to be active at all times.)

We request that these scenarios be included in the mpls-tp-oam-framework draft.

We look forward to continuing our cooperative relationship with the MPLS working group on this topic.

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