Title: **DRAFT** Liaison to ITU-T Q9/15 regarding Multi Domain Segmented network Protection (MDSP)

Date: 6 September 2013

Location: York, United Kingdom

To: Tom Huber, Rapporteur Q9/15 (hhelvoort@huawei.com) (for action)
Ghanni Abbas, ITU-T SG 15 Vice-Chair, WP3 Chair (ghani.abbas@ericsson.com)
Greg Jones, Counsellor SG15 (tsb@itu.int)

From: IEEE 802.1 Working Group

Mr. Huber, Mr. Abbas,

Thank you for sharing detailed information about protection mechanisms under study in ITU-T Q9/15 with IEEE 802.1 as part of our common participation in the July 13th 2013 Joint IEEE-SA and ITU Workshop on Ethernet.

Regarding the presentation (http://www.itu.int/en/ITU-T/Workshops-and-Seminars/ethernet/201307/Documents/S1P5_Huubvan_Helvoort.ppt) given on Multi Domain Segmented network Protection (MDSP), we note that there appear to be similarities with the work IEEE 802.1 is conducting on Distributed Resilient Network Interconnect (DRNI). For example, we believe DRNI is directly applicable in the "Network-to-UNI" and "Network-to-EN[N]I" scenarios presented on slide 4 of the MDSP presentation. Following pre-Project Authorization Request (PAR) activity and approval in July 2011 of the PAR for DRNI, IEEE 802.1 has developed a number of drafts, the latest of which has been submitted for Working Group ballot and is provided in attachment for your reference. In particular, coverage of DRNI in attached IEEE P802.1AX-REV Link Aggregation draft 3.0 may be found in clause 9.

In order to foster collaboration, and promote maximal re-use of applicable mechanisms that may support desired functionality, we suggest ITU-T Q9/15 considers the use of DRNI as the base technology for its work in progress on MDSP.

We will be meeting next in Dallas, Texas November 11-14, and look forward to continued interaction between our organizations.

With best regards,

Tony Jeffree, Chair IEEE 802.1 Working Group (tony@jeffree.co.uk)
Stephen Haddock, Chair IEEE 802.1 Interworking Task Group (shaddock@stanfordalumni.org)