**Title**: Liaison response to ITU-T SG15 LS-292

**From**: IEEE 802.1

**Contacts**: Glenn Parsons, Chair, IEEE 802.1 ([glenn.parsons@ericsson.com](file:///C:\Users\epargle\Documents\2015%20Ericsson%20Files\802.1%20November\glenn.parsons@ericsson.com))

Marc Holness, Editor, IEEE P802.1Qcp & P802.1Xck ([mholness@ciena.com](mailto:mholness@ciena.com))

**To**: ITU-T Study Group 15 (tsbsg15@itu.int)

Hing-Kam Lam (Rapporteur Q14/15), [Kam.Lam@alcatel-lucent.com](mailto:Kam.Lam@alcatel-lucent.com)

Scott Mansfield (Associate Rapporteur Q14/15), [scott.mansfield@ericsson.com](mailto:scott.mansfield@ericsson.com)

Thank you for your liaison COM 15 – LS 292. We acknowledge your parallel work on protocol-specific data modeling for the management of transport specific technologies and a G.8032 (Ethernet Ring Protection Switching) YANG data model.

We would also like to inform you that IEEE 802.1 currently has multiple active projects related to YANG model specification currently approved (and additional IEEE 802 projects are under study):

* P802.1Xck: Standard for Local and metropolitan area networks ⎯ Port-Based Network Access Control Amendment: YANG Data Model
* P802.1Qcp: Standard for Local and metropolitan area networks ⎯ Bridges and Bridged Networks Amendment: YANG Data Model

It is the intent of IEEE 802.1 to fully specify the necessary objects as well as base functionality in these YANG data models. It would be a benefit to the industry to align towards a common base set that derivative YANG data models could augment as necessary. Consequently, we would recommend that when YANG models are defined by ITU-T for IEEE 802 defined entities (e.g., VLANs, 802.1Q bridging components, etc.) that are used by transport specific technologies (e.g., Carrier Ethernet) that they reference (or augment) base objects and functionality from the YANG data models being defined by IEEE 802.1.