



IEEE 802.3 Ethernet Working Group Liaison Communication

Source: IEEE 802.3 Working Group¹

To: Yoichi Maeda, Chairman, ITU-T Study Group 15 (yoichi.maeda@ntt-at.co.jp)
Frank Effenberger, Rapporteur, ITU-T Study Group 15 / Q2 (feffenberger@huawei.com)
Junichi Kani, Associate Rapporteur, ITU-T Q2/15, (kani.junichi@ansl.ntt.co.jp)
Greg Jones, Counsellor, ITU-T Study Group 15 (greg.jones@itu.int)
Members of the ITU-T Study Group 15 / Question 2

CC: Paul Nikolich, Chair, IEEE 802 LMSC (p.nikolich@ieee.org)
Wael Diab, Vice-Chair, IEEE 802.3 Working Group (wdiab@broadcom.com)
Adam Healey, Secretary, IEEE 802.3 Working Group (adam.healey@lsi.com)
Glen Kramer, Chair, IEEE P802.3av 10Gb/s Task Force (glen.kramer@ieee.org)

Date: 12th March 2009

Subject: Liaison to ITU-T Study Group 15 from IEEE 802.3

From: David Law, Chair, IEEE 802.3 Ethernet Working Group (david_law@3com.com)

Approval: At IEEE P802.3 Plenary meeting, Vancouver, BC, Canada on 12th March, 2009

Dear Mr. Maeda and members of the ITU-T Study Group 15 / Question 2,

The IEEE 802.3 Working Group thanks the ITU-T Study Group 15 for their kind liaison dated 12th September 2008, which indicated that OUI-based extensions to the Slow-Protocol, Ethernet-OAM, and MAC-control channels of IEEE P802av 10G-EPON should be sufficient to enable the ITU-T Study Group 15 to develop additional functionality that would facilitate interworking between the ITU-T and IEEE standards. We support the basic goal of having standards from the two groups coexist in a harmonious way, and I am happy to report that facilities for OUI-based extensions to the MAC-control mechanism are part of the current IEEE P802.3av 10G-EPON draft, while OUI-based extensions for the Slow-Protocol and Ethernet-OAM mechanisms already are part of the approved IEEE 802.3-2008 standard.

The IEEE P802.3av 10G-EPON draft has advanced successfully through the Task Force Review and Working Group Ballot phases of our standardization process, and currently is in the Sponsor Ballot phase. This is the last stage where technical changes to the draft are permitted, and we would like to request an update on your program and timeline for using the OUI-based extensions. Obviously, if there are any technical problems with the agreed-upon approach the IEEE 802.3 Working Group would like to have a chance to address them before the IEEE P802.3av 10G-EPON draft is submitted for final approval.

We understand the importance of timely communication between the two groups and will make every effort to promptly notify the ITU-T Study Group 15 of any developments within IEEE 802.3 that might affect your work. We look forward to your response regarding your program and timeline, as discussed above, and we request that the ITU-T Study Group 15

¹ This document solely represents the views of the IEEE 802.3 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.

continue to keep the IEEE 802.3 Working Group advised as to the progress of any work related to IEEE 802.3 EPON and IEEE P802.3av 10G-EPON systems.

Sincerely,

David J. Law

Chair, IEEE 802.3 Ethernet Working Group