



IEEE 802.3 Ethernet Working Group Liaison Communication

Source: IEEE 802.3 Working Group¹

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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: Agreed to at IEEE 802.3 Plenary meeting, Orlando, FL, USA, 18 March 2010

Dear Mr. Maeda and members of ITU-T Study Group 15,

The IEEE 802.3 Ethernet Working Group thanks ITU-T Study Group 15 for this liaison and the opportunity to review and comment on the “Optical Transport Networks & Technologies Standardization Work Plan, Issue 12” coming out of your October 2009 meeting. We have reviewed the OTNT Plan content in consideration of the standardization activities in progress within the IEEE 802.3 working group and have the following comments:

Since the last full revision of IEEE Std 802.3-2008, the following work has been completed within the IEEE 802.3 working group:

- IEEE Std 802.1AX-2008 (Link Aggregation) was published on 3 November 2008
- IEEE Std 802.3av-2009 (10G-EPON) was published on 30 October 2009
- IEEE Std 802.3bc-2009 (LLDP) was published on 28 September 2009
- IEEE Std 802.3at-2009 (DTE power enhancements) was published on 30 October 2009
- IEEE Std 802.3-2008/Cor1-2009 was published on 1 February 2010

Please consider adding any of these of relevance for ITU-T Study Group 15 to table 7-1-2 and elsewhere in the document as appropriate.

Please note that many prior projects mentioned in your document (P802.3ae, P802.3ah, P802.3as) have been integrated into the most recent full revision of the standard (IEEE Std 802.3-2008) and no longer exist as separate, stand-alone documents. As such, they should not be referenced in your document.

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.

The following projects are currently active within the IEEE 802.3 working group:

- IEEE P802.3az (Energy Efficient Ethernet), currently in the sponsor ballot phase.
- IEEE P802.3ba (40Gb/s and 100Gb/s Ethernet) has been completed and forwarded to the IEEE Standards Board for expected approval on 17 June 2010.
- IEEE P802.3.1 (P802.3be) (Ethernet MIBs), currently in the working group ballot phase.
- IEEE P802.3bf (Time synchronization support for 802.1as), currently in the task force review phase.
- IEEE P802.3bg (Serial 40Gb/s Ethernet), just authorized as a task force.

Given the approaching completion of the P802.3ba project, you may wish to consider adding 40GBASE-LR4, 100GBASE-LR4, and 100GBASE-ER4 interface descriptions to clause 5.5.1.1 (High bit rate and long reach interfaces) rather than including them in the separate section 5.5.1.9.

As IEEE Std 802.3ah-2004 has been incorporated into the base IEEE Std 802.3-2008 and IEEE Std 802.3av-2009 is now published, you may wish to reflect this update in clause 5.5.1.2.

Table 8-1 item 4 relates to long completed work as IEEE Std 802.3ah-2004 that is now part of IEEE Std 802.3-2008. In addition, the subsequent IEEE Std 802.3av-2009 has been approved and published. Since there is no active work within the IEEE 802.3 working group on this subject (although liaison statements can still be exchanged with the IEEE 802.3 Working Group concerning the standard), we suggest that this item be removed from your table.

We wish to thank the leadership and members of ITU-T SG15 for the opportunity to coordinate references to our work programs and we look forward to such continuing cooperation with ITU-T SG15 in the future.

Sincerely,

David J. Law
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