IEEE P802.3bj Task Force

Informal Communication

Source: IEEE P802.3bj Task Force[1]

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Subject: Informal communication to OIF from IEEE P802.3bj Task Force

From: Mr. John D'Ambrosia, Chair IEEE P802.3bj Task Force (jdambrosia@ieee.org)

Approval: Agreed to at IEEE P802.3bj meeting, Orlando, FL, 19 March 2013

Dear Mr. Sadler and members of OIF,

The IEEE P802.3bj Task Force is chartered to develop 100 Gb/s Physical Layer (PHY) specifications for operation over four-lane copper backplanes and twinaxial copper cables. To this end, a new Reed-Solomon Forward Error Correction (RS-FEC) sublayer is defined. In addition, the project defines an optional Energy Efficient Ethernet (EEE) capability for 40 Gb/s and 100 Gb/s operation over backplanes and copper cables. Further information regarding the Task Force and project may be found at http://www.ieee802.org/3/bj/index.html.

Given the broad applicability of these topics, we would like to give you an update regarding the status of the IEEE P802.3bj project as it may be of interest to the OIF.

Recently, the Task Force completed its fifth review of the draft. At the March 2013 plenary meeting, the IEEE 802.3 Working Group approved the initiation of Working Group ballot for IEEE P802.3bj Draft 2.0.

The draft to be balloted is attached. Please note that this draft is still a work in progress and its detailed content is expected to evolve through completion of the Working Group ballot process and the subsequent Sponsor ballot process. We understand that access to this draft will be restricted to members of OIF.

Sincerely,

John D'Ambrosia
Chair, IEEE P802.3bj 100 Gb/s Backplane and Copper Cable Task Force
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[1] This document solely represents the views of the IEEE P802.3bj Task Force, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.3