IEEE 802.3 CSMA/CD (Ethernet) Working Group

Liaison Communication

Date: November 16, 2005

Source: IEEE 802.3 Working Group

To: Herb Congdon Chair, TIA TR-42 (hvcongdon@tycoelectronics.com)

Cc: Paul Nikolich; Chair, IEEE 802 (p.nikolich@ieee.org)
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           Valerie Rybinski; Liaison, TIA TR-42 (valerie_rybinski@siemon.com)

Subject: Communication to TIA TR-42 regarding IEEE P802.3at Power via the
          MDI Enhancements

Action: Information -- Reply to Liaison Letter of 2006-11

Colleagues:

Thank you for the liaison letter of October 6, 2006. Valerie Rybinski presented a
report on the letter to the IEEE 802.3 working group and to the P802.3at task
force. Through your letter and Valerie's report the work of your members was
clearly evident and we would first like to ensure your members that we
appreciate the work you have done. The timeliness of your response was also
heartening.

In response to your letter and other information we have received we have the
following additional question:

1) It has come to our attention that neither your channel model nor our
    interface specifications include the mated connection at the equipment.
    Our experts have suggested that resistive contribution of these mated
    connections is negligible (i.e. significantly below 200 m). Would your
    group agree?

Our P802.3at task force will be holding a meeting in Monterey, CA during
January 16 to 18, 2007. We would like to extend an invitation to your members
to join us for discussion of the final report from your group.

Finally, several members of our P802.3at task force have asked if it would be possible to not only receive the final liaison report but also the raw data that was used in your evaluations. If it would be possible to share this information our membership would be greatly appreciative.

We appreciate your cooperation in our past work and look forward to receiving your answers and advice for this current project.

Sincerely,

Robert M. Grow, Chair, IEEE 802.3 Working Group