

P802.3at Task Force

DTE Power via the MDI Enhancements

Closing Plenary Report

Michael McCormack, TF Chair
mike_mccormack@ti.com

Employed and Affiliated with Texas Instruments

November 12-15, 2007

IEEE 802.3at Task Force
Atlanta Plenary

General Information

- Website
 - <http://www.ieee802.org/3/at/index.html>
- E-mail reflector
 - Subscribe – <http://www.ieee802.org/3/at/reflector.html>
 - Submit - stds-802-3-poep@ieee.org
- Private area
 - <http://www.ieee802.org/3/at/private/>
 - 802.3at / XXXXX

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November Review (1/2)

- Met Tuesday - Thursday
- Presentation of IEEE patent policy
- Reports from 3 Ad-hoc subcommittees
- Held 2½ Ad-hoc meeting

Interim Meetings

- P802.3at would like to request a 4 day interim for January
- P802.3af would like encourage prospective hosts for a potential February 25 – 28 Task Force interim meeting to come forward.

Special Note 1

- P802.3at may request a change of scope to alter Clause 25 (100BASE-TX)
 - ANSI X3.263: 1995 (TP-PMD) does not include an explicit B. E. R., we may adopt a B. E. R.
 - ANSI X3.263: 1995 (TP-PMD) does not include an output template, may adopt an output template.
 - TP-PMD does specify magnetics characteristics (some of which are not MDI testable.)
 - Higher current will increase magnetics costs
 - Some magnetics requirements may be dated and costly.

Objective Change 1/3

- Present Objective 2
 - The target infrastructure for PoEPlus will be ISO/IEC 11801-1995 Class D or higher systems. Further we will not cause a safety issue for a legacy installation conformant to ISO/IEC 60950.

Objective Change 2/3

- Proposed Objective 2:
 - The target infrastructure for PoEPlus will be 25Ω or lower loop resistance systems (e.g., category 5e, class D or higher systems). Further, we will not cause a safety issue for a legacy installation conformant to ISO/IEC 60950.

Objective Change 3/3

- P802.3at requests to change Objective 2
- From:
 - The target infrastructure for PoEPlus will be ISO/IEC 11801-1995 Class D or higher systems. Further we will not cause a safety issue for a legacy installation conformant to ISO/IEC 60950.
- To:
 - The target infrastructure for PoEPlus will be 25Ω or lower loop resistance systems (e.g., category 5e, class D or higher systems). Further, we will not cause a safety issue for a legacy installation conformant to ISO/IEC 60950.
- Moved on the behalf of the committee:

Thank You

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