P802.3at Task Force
DTE Power via the MDI Enhancements
Closing Plenary Report

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General Information

• Website

• E-mail reflector
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• Private area
  – http://www.ieee802.org/3/at/private/
  – 802.3at / XxXxxXX
Draft

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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 $25\Omega$ 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 $25\Omega$ 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