

P802.3at Task Force

DTE Power via the MDI Enhancements

Opening Plenary Report

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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

Draft

- Private area

<http://www.ieee802.org/3/at/private/>

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September Review (1/2)

- Held a Task Group Interim
 - September 10 – 12, Seoul Korea
- Presentation of IEEE patent policy
- 6 Presentations
- Reports from 2 Ad-hoc subcommittees
- Communiqué from TIA TR-42

September Review (2/2)

- Process – loosely based on “Comment Resolution”
- Lively but contentious discussion
- Established debate limits
- Did not complete draft comments
- Agreed to second interim

October Review (1/2)

- Held a Task Group Interim
 - October 18-19, Richfield, OH, U.S.A
- Presentation of IEEE patent policy
- 1 Presentation
- Reports from 2 Ad-hoc subcommittees

October Review (2/2)

- Process – loosely based on “Comment Resolution”
- Lively but contentious discussion
- Did not complete draft comments
- Agreed to incorporate resolved comments and generate a new draft.

Events of the Week

- Meeting
 - 9:00 – 17:00 T-W
 - 9:00 – Noon R
- Review of the patent policy
- Liaison letters
- Presentations
- Comment resolution
- General Entertainment

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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.
 - 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.

Special Note 1

- P802.3at will request a change to:
- Objective 2

The target infrastructure for PoEPlus will be ISO/IEC 11801-1995 Class D (or higher systems) *25Ω (or lower systems)*. Further we will not cause a safety issue for a legacy installation conformant to ISO/IEC 60950.

Special Note 2

- Ad-hocs will meet during the week during the regular meeting times and / or after hours.
- Watch the reflector (subscribe NOW!) for when and where

Thank You

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