

ISO/IEC SC25/WG3 Meeting
Beijing: 07-10 September 2009
- Customer Premises Cabling -

Highlights:

- ISO 11801 Ed.2 Am.1 (channel specs) published
- ISO 11801 Ed.2 Am.2 (components) at final draft
- ISO 24764 Data Centre Cabling also at final draft
- ISO 14763-2 Cabling Planning & Installation now at final committee draft
- ISO 29125 PoE Cabling is a draft technical report
- Cable-related opportunities associated with energy efficiency being explored, with input from 802.3az EEE



53 Participants

21 Nations

ISO/IEC 11801 Ed.2 Amendment

- **introduction of Class E_A and Class F_A plus electromagnetic performance requirements:**
 - **balance for unscreened cabling**
 - **coupling attenuation for screened cabling**
- **split into channel (Am.1) plus link & component specs (Am.2) in order to expedite development**

ISO/IEC 11801 Ed.2 Amendment 2

- contains link/cords/components/other material
- 2nd FPDAM approved; 18 nations in favour, 3 against
- 231 national comments including 146 technical
- resolutions agreed & FDAM to be issued for 2m vote
- many differences to TIA-568, especially with Cat 6A

ISO/IEC 24764

Data Centre Cabling

- **2nd FCD approved; 19 nations in favour, 3 against**
- **166 national comments including 50 technical**
- **resolutions agreed & FDIS to be issued for 2m vote**
- **many differences to TIA-942 (which is being updated)**

ISO/IEC 14763-2

Cabling Planning & Installation

- **1st CD approved; 14 nations in favour, 4 against**
- **346 national comments including 138 technical**
- **resolutions agreed & FCD to be issued for 4m vote**
- **expected to become a compliance requirement within cabling tenders and contracts**

ISO/IEC TR 29125

Cabling Guidelines for Remote Powering of DTEs

- **provides guidance on both new & existing cabling**
- **gives worst case temp rise for cable bundles of different Category vs. current carried per pair**
- **provides guidance on connector mating/unmating under electrical load**
- **1st PDTR failed; 12 nations in favour, 5 against**
- **107 national comments including 56 technical**
- **resolutions agreed, DTR to be issued for 4m vote**
- **content very similar to TIA TSB-184**

Future Meetings

ISO/IEC SC25 WG3

22-26 Feb 2010

Buenos Aires

ISO/IEC SC25 WG3

18-21 Oct 2010

Seattle, WA

ISO/IEC SC25

22 Oct 2010

Seattle, WA