

ISO/IEC SC25/WG3 Meeting

Korea: 3-6 September 2007

- Customer Premises Cabling -

Highlights:

- participants included 4 observers from 802.3
- ISO 11801 Ed2 Am1.1 to be issued as FDAM
- ISO 11801 Ed2 Am1.2 to be issued 2nd PDAM
- ISO 24764 Data Centre Cabling out as 2nd CD
- liaison with IEEE 802.3 re PoE-*plus* (3N847A)
- TR to be developed as PoE cabling guide
- higher performance MMF proposed (*OM4*)



69 Participants

22 Nations

ISO/IEC 11801 Ed.2 Amendment

- introduction of Class E_A & Class F_A cabling plus electromagnetic performance parameters
- split into channel (Am 1.1) plus link/component specs (Am 1.2) in order to expedite development

ISO/IEC 11801 Ed.2 Amendment 1.1

- **4th FPDAM failed; 17 nations in favour, 8 against**
 - **Swedish vote declared “mistake” to reverse result**
- **183 national comments received/resolved at mtg**
- **FDAM being prepared/comments at next mtg**
- **captures technical requirements of IEEE 802.3an**
- **technically different to TIA Cat 6A regarding NEXT**
 - **ISO/IEC channel NEXT more stringent than TIA**
 - **ISO/IEC connector NEXT more stringent than TIA**

ISO/IEC 11801 Ed.2 Amendment 1.2

- **1st PDAM failed; 8 nations in favour, 12 against**
- **567 national comments received/resolved at mtg**
- **modelling TG set up to reconcile component values with Class E_A/F_A channels/permanent links**
- **2nd PDAM being prepared/comments at next mtg**
- **lots of work to do to complete component specs**

ISO/IEC 24764

Data Centre Cabling

- **OM3 specified as minimum performance MMF**
- **Cat 6_A also specified as minimum performance**
- **1st CD failed; 8 nations in favour, 16 against**
- **97 national comments received/resolved at mtg**
- **2nd CD being prepared/comments at next mtg**

Remote Powering

- **SC48B has defined a generic test for connectors breaking under electrical load**
- **detailed analysis on affect of temperature and humidity on cables (essentially IL and ageing)**
- **NWIP raised for TR to provide guidance on current capacity & safety for PoE applications**

Future Meetings

ISO/IEC SC25 WG3

18-22 Feb 2008

Spain

ISO/IEC SC25 WG3

20-23 Oct 2008

France

ISO/IEC SC25

24 Oct 2008

France