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

- 1\textsuperscript{st} 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
- 2\textsuperscript{nd} 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

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