

# ISO/IEC SC25/WG3 Meeting

## Lyon, France: 20-23 October 2008

### - Customer Premises Cabling -



60 Participants

24 Nations

## Highlights:

- ISO 11801 Ed.2 Am.1 (channel specs) published (referenced by IEEE 802.3an)
- ISO 11801 Ed.2 Am.2 now technically stable
- ISO 24764 Data Centre Cabling technically stable
- ISO TR 29125 PoE Cabling Guide has initial draft (referenced by IEEE 802.3at)
- liaison regarding 802.3ba extended reach MMF

# ISO/IEC 11801 Ed.2 Amendment

- **introduction of Class E<sub>A</sub> and Class F<sub>A</sub> 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**
- **models adopted to reconcile proposed link and component values with channel performance**
  - **extensive 12-month exercise!**

## **ISO/IEC 11801 Ed.2 Amendment 2**

- **contains link/cords/components/other material**
- **3<sup>rd</sup> PDAM failed; 10 nations in favour, 5 against**
- **396 national comments including 300 technical**
- **all comments resolved & FPDAM to be circulated**
- **ISO/IEC 11801 Ed.2 Am.2 earliest approval 1Q09**

# **ISO/IEC 24764**

## **Data Centre Cabling**

- **Cat 6<sub>A</sub>/OM3 specified as minimum performance**
- **duplex LC for 2 fibres/MPO for more than 2 fibres**
- **3<sup>rd</sup> CD approved; 17 nations in favour, 5 against**
- **139 national comments including 103 technical**
- **all comments resolved and FCD to be circulated**
- **ISO/IEC 24764 earliest approval 1Q09**

# **ISO/IEC TR 29125**

## **Cabling Guidelines for Remote Powering of DTEs**

- **national review of initial working draft received 80 comments including 42 technical** ■
- **all comments resolved at meeting and PDTR to be circulated**
- **contains design guidance for new cabling plus mitigation considerations for installed cabling**
- **contains current capacity vs. temp rise for 100-cable bundles**
- **temp rise data for cables of different construction to be added**
- **guidance on breaking of connectors under load to be added**

## Future Meetings

|                             |                       |               |
|-----------------------------|-----------------------|---------------|
| <b>ISO/IEC SC25 WG3</b>     | <b>23-27 Mar 2009</b> | <b>Mexico</b> |
| <b>ISO/IEC SC25 WG3</b>     | <b>07-11 Sep 2009</b> | <b>China</b>  |
| <b>ISO/IEC SC25 Plenary</b> | <b>12 Sep 2009</b>    | <b>China</b>  |