Key Items:

- short-term addendum finalised
- Enhanced Cat 5 RL adopted
- future cabling model agreed
- Cat 6, 7 make steady progress
- generic FO cabling abandoned
- 97 working docs considered
- closer links with CENELEC
ISO/IEC 11801 Addendum

- being processed as three amendments
- channel specifications introduced
- *Link* changed to *Permanent Link*
- parameter values based on formulae
- link Zc determined by RL, met by design
- 160 MHz.km 62MMF cable accommodated
- ELFEXT, PS-ELFEXT and PS-NEXT added
- RL values = TIA Enhanced Cat 5 values
ISO/IEC 11801 Return Loss

ISO/IEC 11801 (1999)
• 4-connectors and +ve PS-ACR channel
• CENELEC Cat 6/7 dev’t process adopted
• LCL, Transfer Impedance limits proposed
• proposal to relax FTP LCL not accepted
• Coupling Attenuation limits from 30 MHz
• generic optical fibre classes abandoned
• minimum lengths for fibre applications
• high density optical connector TBD
Cat 6/Class E Cabling

- 200 MHz channel with 4-pair wired RJ-45
- draft spec to 250 MHz based on formulae
- working spec based on Lucent proposal (48 dB connector NEXT @ 200 MHz)
- Nordx/CDT propose cable with 3 dB lower attenuation and 6 dB higher PS-NEXT
Cat 7/Class F Cabling

- ~500 MHz channel based on 4 connectors
- specification proposed to 600 MHz only
- no ELFEXT limits or formulae proposed
- component values based on German DIN
- connector NEXT from RJ-45 pins 1,2 & 7,8
- new Cat 7 connectors yield superior NEXT
- connector requirements linked with IEC48B
- development phase extended to Jan 1999