JTC1/SC6 update

Geoff Thompson
to
IEEE 802.3
November 11, 2007
RE: ISO/IEC 8802-1 Revision

• Going through PDTR Ballot
• Ballot has closed (July 27, 2007)
• Country votes
  – NO: China, France
  – Abstain: Spain
  – YES: All others
• Comment resolution mtg in UK
  Feb. 20-22, 2008
Comments

• China submitted 55 comments similar to previous submissions

• France comment: Scrap agreement and become Class A Liaison (i.e. recognized by ISO/IEC as international SDO like ETSI)

• US submitted APPROVE comments (just support & suggestions for editorial tweaks)
802 will be prepared to update Annex B
List of Approved Standards
(i.e. proposed for “Endorsement”)

• (List appended to distribution of these slides)
All 802.3 ISO unfinished projects deleted

- 8802-3-A1 SPECIFIC LANS CSMA/CD Edn 7 10 Gb/s operation

- 8802-3-A2 SPECIFIC LANS CSMA/CD Edn 7 DTE power via MDI

- 8802-3-A3 SPECIFIC LANS CSMA/CD Edn 7 Maintenance 7

- 8802-3-A4 SPECIFIC LANS CSMA/CD Edn 7 Type 10GBASE-CX4
IEEE 802.2 Standards for LAN/MAN Logic Link Control


IEEE 802.3 Standards for LAN/MAN CSMA/CD Access Method


IEEE 1802.3-2001 IEEE Conformance Test Methodology for IEEE Standards for Local and Metropolitan Area Networks - Specific Requirements - Part 3 Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications (Incorporates IEEE Std 1802.3d)

IEEE 802.5 Standards for LAN/MAN Token-Ring Access Method


IEEE 802.5c-1991, Supplement to 802.5-1989, Recommended Practice for Dual Ring Operation with Wrapback Reconfiguration

IEEE 802.5r and IEEE 802.5j, 1998 Edition (ISO/IEC 8802-5:1998/Amd.1) Local and metropolitan area networks - Specific Requirements - Part 5 Token ring access method and physical layer specifications - Amendment 1 Dedicated Token Ring Operation and Fibre Optic Media

IEEE 802.5t-2000, IEEE Standard for Local and metropolitan area networks - Specific requirements - Amendment to Part 5 Token Access Method and Physical Layer Specifications to support 100 Mbit/s Dedicated Token Ring (DTR) operation.

IEEE Std 802.5v-2001, IEEE Standard for Local and metropolitan area networks - Specific requirements - Part 5 Token Ring access method and Physical Layer specifications - Amendment 5 Gigabit Token Ring operation


IEEE 802.11 Standards for LAN/MAN Wireless LANS


IEEE 802.11a-1999 (8802-11:1999/Amd 1:2000(E)) IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11 Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment 1 High-speed Physical Layer in the 5 GHz band

IEEE 802.11b-1999 Supplement to 802.11-1999, Wireless LAN MAC and PHY specifications Higher speed Physical Layer (PHY) extension in the 2.4 GHz band
IEEE 802.11b-1999/Cor1-2001, IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11 Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment 2 Higher-speed Physical Layer (PHY) extension in the 2.4 GHz band - Corrigendum 1

IEEE 802.11d-2001, Amendment to IEEE 802.11-1999, (ISO/IEC 8802-11) Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11 Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment 8 Medium Access Control (MAC) Quality of Service Enhancements

IEEE 802.11e-2005, IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements Part 11 Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment 8 Medium Access Control (MAC) Quality of Service Enhancements


IEEE 802.11g-2003 IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11 Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment 4 Further Higher-Speed Physical Layer Extension in the 2.4 GHz Band


IEEE 802.11j-2004 IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11 Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications - Amendment 7 4.9 GHz - 5 GHz Operation in Japan

**IEEE 802.15 Standards for Wireless Personal Area Networks**

IEEE 802.15.1-2005 IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 15.1 Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Wireless Personal Area Networks

IEEE 802.15.2-2003 IEEE Recommended Practice for Telecommunications and Information exchange between systems - Local and metropolitan area networks Specific Requirements - Part 15.2 Coexistence of Wireless Personal Area Networks with Other Wireless Devices Operating in Unlicensed Frequency Band
IEEE 802.15.3-2003 IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements Part 15.3 Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for High Rate Wireless Personal Area Networks (WPAN)

IEEE 802.15.3b-2005 IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 15.3b Wireless Medium Access Control(MAC) and Physical Layer (PHY)Specifications for High Rate Wireless Personal Area Networks (WPANs) Amendment 1 MAC Sublayer

IEEE 802.15.4-2003 IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements Part 15.4 Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Low Rate Wireless Personal Area Networks (LR-WPANs)

IEEE 802.16 Standards for LAN/MAN Broadband Wireless LANS


IEEE 802.16-2004 IEEE Recommended Practice for Local and metropolitan area networks - Coexistence of Fixed Broadband Wireless Access Systems

IEEE 802.16f-2005 IEEE Standard for Local and Metropolitan Area Networks - Part 16 Air Interface for Fixed Broadband Wireless Access Systems - Amendment 1 - Management Information Base


IEEE 802.17 Standards for LAN/MAN Resilient Packet Rings

IEEE 802.17-2004 IEEE Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 17 Resilient packet ring (RPR)access method and physical layer specifications

IEEE 802.17a-2004 IEEE Standard for Local and Metropolitan Area Networks Media Access Control (MAC) Bridges - Amendment 1 Bridging of IEEE Std 802.17