

Telecontrol equipment and systems —

Part 6: Telecontrol protocols compatible with ISO standards and ITU-T recommendations —

Section 601: Functional profile for providing the connection-oriented transport service in end system connected via permanent access to a packet switched data network

The European Standard EN 60870-6-601:1995 has the status of a
British Standard

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PEL/57, Power system control and associated communications, upon which the following bodies were represented:

- Association of Consulting Engineers
- BEAMA Ltd.
- BEAMA Metering Association (BMA)
- EEA (Association of Electronics, Telecommunications and Business Equipment Industries)
- Electricity Association
- GAMBICA (BEAMA Ltd.)
- Transmission and Distribution Association (BEAMA Ltd.)

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 September 1995

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National foreword

This British Standard has been prepared by Technical Committee PEL/57 and is the English language version of EN 60870-6-601:1995 *Telecontrol equipment systems — Part 6: Telecontrol protocols compatible with ISO standards and ITU-T recommendations — Section 601. Functional profile for providing the connection-oriented transport service in end system connected via permanent access to a packet switched data network* published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 870-6-601:1994 published by the International Electrotechnical Commission (IEC).

Cross-references

Publication referred to	Corresponding British Standard
ISO 7776:1986	BS 5397: <i>High-level data link control (HDLC) procedures</i> Part 7:1990 <i>Specification for X.25 LAPB-compatible DTE data line procedures</i>
ISO 8072:1994 ^a	BS ISO/IEC 8072:1994 <i>Information technology. Open Systems Interconnection. Transport service definition</i>
EN 28073:1993	BS EN 28073:1994 <i>Information technology. Telecommunications and information exchange between systems. Open Systems Interconnection. Protocol for providing the connection-mode transport service</i>
ISO/IEC 8073:1992	BS ISO/IEC 8208:1990 <i>Information technology. Data communications. X.25 packet layer protocol for data terminal equipment</i>
ISO/IEC 8208:1990	BS ISO/IEC 8348:1993 <i>Information technology. Open systems interconnection. Network service definition</i>
ISO/IEC 8348:1993	BS ISO/IEC 8878:1992 <i>Information technology. Telecommunications and information exchange between systems. Use of X.25 to provide the OSI connection-mode network service</i>
ISO/IEC 8878:1992	BS 7267:1990 <i>Open systems interconnection: guide to operation of an X.25 interworking unit</i> BS ISO/IEC ISP 10609 <i>Information technology. International Standardized Profiles TB, TC, TD and TE. Connection-mode Transport Service over connection-mode Network Service</i>
ISO/IEC TR 10029:1989	Part 1:1992 <i>Subnetwork-type independent requirements for Group TB</i>
ISO/IEC ISP 10909-1:1992	Part 5:1992 <i>Definition of profiles TB1111/TB1121</i>
ISO/IEC ISP 10609-5:1992	Part 9:1992 <i>Subnetwork-type dependent requirements for Network Layer, Data Link Layer and Physical Layer concerning permanent access to a packet switched data network using virtual calls</i>
ISO/IEC ISP 10609-9:1992	

^a ISO 8072:1994 has superseded the 1986 edition.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Telecontrol, data transmission, protocol, functional profile, Open Systems Interconnection, connection-oriented transmission, service

English version

Telecontrol equipment and systems
Part 6: Telecontrol protocols compatible with ISO standards
ITU-T recommendations
Section 601: Functional profile for providing
the connection-oriented transport service in end
system connected via permanent access to a packet
switched data network

(IEC 870-6-601:1994)

Matériels et systèmes de téléconduite
Partie 6: Protocoles de téléconduite compatibles
avec les normes ISO et les recommandations de
l'UIT-T
Section 601: Profil fonctionnel pour fournir le
service de transport en mode connexion dans un
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Fernwirkleinrichtungen und -systeme
Teil 6: Fernwirkprotokolle, die mit
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kompatibel sind
Hauptabschnitt 601: Funktionsprofil für den
verbindungsorientierten Transportdienst in
einem
Endsystem mit Festanschluß an ein
paketvermittelndes Datennetz
(IEC 870-6-601:1994)

This European Standard was approved by CENELEC on 1995-02-15. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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