

Telecontrol equipment and systems —

Part 1: General considerations —

Section 1.2 Guide for specifications

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Power Electrical Engineering Standards Policy Committee (PEL/-) to Technical Committee PEL/89, upon which the following bodies were represented:

- Association of Consulting Engineers
- BAMEMA (BEAMA)
- BEAMA Ltd.
- EEA (the Association of Electronics, Telecommunications and Business Equipment Industries)
- Electricity Supply Industry in United Kingdom
- GAMBICA (BEAMA Ltd.)
- North of Scotland Hydro-Electric Board
- Telecommunication Engineering and Manufacturing Association
- Transmission and Distribution Association (BEAMA Limited)

This British Standard, having been prepared under the direction of the Power Electrical Engineering Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 31 July 1991

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National foreword

This Section of BS 7404 has been prepared under the direction of the Power Electrical Engineering Standards Policy Committee and is identical with IEC Publication 870-1-2:1989 “*Telecontrol equipment and systems — Part 1: General Considerations — Section 2: Guide for specifications*”, published by the International Electrotechnical Commission (IEC).

The International Standard does not give any relation between this Section of the standard and the other published and envisaged Parts and Sections. Other Parts and Sections of this British Standard are as follows.

- *Part 1: General considerations;*
- *Section 1.1: General principles*
(In preparation);
- *Section 1.2: Guide for specifications;*
- *Section 1.3: Glossary*
(Envisaged as future work);
- *Section 1.4: Basic aspects of telecontrol data transmission*
(In preparation);
- *Part 2: Operating conditions;*
- *Section 2.1: Environmental conditions and power supplies*
(In preparation);
- *Section 2.2: Electromagnetic compatibility and erosive and corrosive influences*
(Envisaged as future work);
- *Part 3: Interfaces (electrical characteristics)*
(In preparation);
- *Part 4: Performance requirements*
(In preparation);
- *Part 5: Transmission protocols;*
- *Section 5.1: Transmission frame formats*
(Envisaged as future work);
- *Section 5.2: Transmission procedures*
(Envisaged as future work);
- *Section 5.3: Structure of application data*
(Envisaged as future work);
- *Section 5.4: Coding specifications of application data*
(Envisaged as future work);
- *Part 6: Telecontrol protocols compatible with ISO and CCITT standards*
(Envisaged as future work).

Cross-references

The Technical Committee has reviewed the provisions of IEC 495, IEC 870-1-1, IEC 870-2-1, IEC 870-3, IEC 870-4, IEC 870-5, IEC 870-6 to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this British Standard. There is no British Standard corresponding to IEC 495. British Standards which relate to the IEC 870 series are currently in preparation or are envisaged as future work.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 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.

