

Implementation of
ISO 9897-3:1990

Freight containers — Container equipment data exchange (Cedex) —

Part 3: Message types for electronic
data interchange

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The preparation of this British Standard was entrusted to Technical Committee PKM/18, Freight containers, upon which the following bodies were represented:

- British Industrial Truck Association
- British International Freight Association
- British Railways Board
- Chamber of Shipping
- Department of Transport (Transport Industries)
- European Portable Tank Association (British Section)
- Federation of the Electronics Industry
- Health and Safety Executive
- Institute of Logistics
- Lloyd’s Register of Shipping
- Ports Safety Organisation
- Road Haulage Association Ltd.
- Shipowners Refrigerated Cargo Research Association
- Society of Motor Manufacturers and Traders Limited

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National foreword

This British Standard reproduces verbatim ISO 9897-3:1990 and implements it as the UK national standard.

This British Standard is published under the direction of the Consumer Products and Services Sector Board whose Technical Committee PKM/18 has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international committee any enquiries on interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

NOTE International and European Standards, as well as overseas standards, are available from Customer Services, BSI, 389 Chiswick High Road, London W4 4AL.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO title page, pages ii to iv, pages 1 to 20, 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.

INTERNATIONAL STANDARD

ISO
9897-3

First edition
1990-09-01

Freight containers — Container equipment data exchange (CEDEX) —

Part 3:

Message types for electronic data interchange

*Conteneurs pour le transport de marchandises — Échange de données
sur les équipements de conteneurs (CEDEX) —*

Partie 3: Types de messages pour l'échange de données informatisées



Reference number
ISO 9897-3:1990(E)

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 9897-3 was prepared by Technical Committee ISO/TC 104, *Freight containers*.

ISO 9897 consists of the following parts, under the general title *Freight containers — Container equipment data exchange (CEDEX)*:

- *Part 1: General communication codes;*
- *Part 2: Telex transmission;*
- *Part 3: Message types for electronic data interchange.*

Annex A of this part of ISO 9897 is for information only.

Introduction

This part of ISO 9897 specifies rules of communication for use in electronic data interchange. It is intended for use between business entities in communications relating to commercial container transactions on the basis of standardized message types.

1 Scope

This part of ISO 9897 establishes a system for computer-to-computer communication in commercial transactions relating to containers.

It consists of

- a data segment directory for the development of messages;
- a directory of message types for container encoded data exchange required for the presentation of information about freight container operations.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 9897. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 9897 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 4217:1990, *Codes for the representation of currencies and funds*.

ISO 6346:1984, *Freight containers — Coding, identification and marking*.

ISO 9735:1988, *Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules*.

ISO 9897-1:1990, *Freight containers — Container equipment data exchange (CEDEX) — Part 1: General communication codes*.

UN/EDIFACT, *Standard Data Segments Directory*.

3 Rules of communication for use in electronic data interchange

3.1 General

This part of ISO 9897 is intended to provide guidance for those parties intending to introduce electronic data interchange into their commercial transmitting container transactions.

The procedures for transmitting container data and related information are given in 3.2 and 3.3.

3.2 Data elements

Codes for various characteristics of containers are given in ISO 9897-1, which also includes CEDEX code assignments for certain operating conditions and factors concerning business transactions. Table 1 is reproduced for reference from ISO 9897-1:1990.