



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 22430-2021

**Container transportation electronic data interchange -
Gate-in/gate-out message**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents"

Drafting.

This document replaces GB/T 22430-2008 "Container Transport Electronic Data Exchange Container Entry/Exit Report Message". and

Compared with GB/T 22430-2008, the main technical changes except for editorial changes are as follows.

- a) Modified the message structure diagram (see 6.1, 3.3.2 of the.2008 edition);
- b) Modified the structure of the data segment description, and added three-level headings, which are 6.2.1 data segment description method, 6.2.2 data segment function,

6.2.3 Data segment content (see 6.2, 3.1 of the.2008 edition);

- c) Modified the data segment position code, increased from 4 to 5 (see 6.2.1, 3.1 in.2008 edition);
- d) Added description of data segment content (see Table 3~Table 56);
- e) The branch diagram is deleted (see 3.3.1 of the.2008 edition).

This document is modified to adopt UN/EDIFACTD.18ACODECO "The United Nations is used for administrative, commercial and transportation electronic data interchange

Standard Container Entry/Exit Report Message" (First half of 2018 edition).

Compared with UN/EDIFACTD.18ACODECO, this document has made the following structural adjustments.

a) Chapter 1 "Scope" corresponds to 1.1 and 1.2 in UN/EDIFACTD.18A CODECO, and UN/EDIFACTD.18A

"1.1 Function Definition" and "1.2 Applicable Scope" of CODECO Chapter 1 are merged into Chapter 1 "Scope" of this document;

b) Chapter 4 "Abbreviations" corresponds to 4.2 in UN/EDIFACTD.18ACODECO;

c) Added Chapter 5 "Basic Requirements";

d) Chapter 6 "Message Description" corresponds to Chapter 4 of UN/EDIFACTD.18ACODECO, of which 6.1 corresponds to UN/EDI-

4.3 and 6.2 in FACTD.18ACODECO correspond to 4.1 in UN/EDIFACTD.18ACODECO, adding

"6.2.3 Data segment content" in Chapter 6.

The technical differences between this document and UN/EDIFACTD.18ACODECO and the reasons are as follows.

a) The basic requirements related content (see 5.1 and 5.2) have been added. The basic requirements include the sender, receiver, voyage, transportation details, etc., yes

Basic requirements for the application of container entry/exit report messages;

b) Added the description of the content of the data segment (see 6.2.3). The content of the data segment records the tags and names, constraints/conditions, and

Data types and formats, descriptions to improve the operability of the application of this document.

The following editorial changes have been made to this document.

a) The name of the document was changed to "Container Entry/Exit Report Message for Electronic Data Exchange of Container Transport";

b) An informative appendix "Message Examples" has been added (see Appendix A).

This document was proposed and managed by the National Container Standardization Technical Committee (SAC/TC6).

Drafting organizations of this document. Water Transport Research Institute of the Ministry of Transport, Qingdao Port (Group) Co., Ltd., Dalian Port Group Co., Ltd.,

Ningbo Zhoushan Port Co., Ltd., China Merchants International Information Technology

Co., Ltd., Lianyungang Port Group Co., Ltd., Tianjin Port (Group) have
Limited company.

1 Scope

This document specifies the basic requirements and description of the container entry/exit report messages used for the electronic data exchange of container transportation.

This document is applicable to the application of container entry/exit report messages for the electronic data exchange of container transportation.

2 Normative references

The content of the following documents constitutes an indispensable clause of this document through normative references in the text. Among them, dated quotations

Only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to

This document.

GB/T 15634 Administrative, Commercial and Transportation Electronic Data Interchange Section Catalogue (GB/T 15634-2014, UN/EDIFACT.

D.13B, MOD)

GB/T 15635 Administrative, Commercial and Transportation Electronic Data Interchange Composite Data Metacatalog (GB/T 15635-2014, UN/

EDIFACT.D.13B,MOD)

GB/T 16833 Administrative, Commercial and Transportation Electronic Data Interchange (EDIFACT) Code Table (GB/T 16833-2011, UN/

CEFACTUNCL.D.08B,MOD)

GB/T 17699 Administrative, Commercial and Transportation Electronic Data Interchange Data Metacatalog (GB/T 17699-2014, UN/EDI-

FACT.D.13B,MOD)

3 Terms and definitions

There are no terms and definitions that need to be defined in this document.

4 Abbreviations

The following abbreviations apply to this document.

BGM. Beginning of Message (BeginningofMessage)

ONT. Control Total (ControlTotal)

COD. Component Details (ComponentDetails)

COM. Communication Method (CommunicationContact)

CTA. Contact Information (ContactInformation)

DAM. Damage (Damage)

DGS. DangerousGoods

DIM. Dimensions

DTM. Date/Time/Period (Date/T ime/Period)

EQA. Attached Equipment (AttachedEquipment)