



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

GB/T 22431-2021

**Container transportation electronic data interchange - Vessel
departure 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 22431-2008 "Container Transportation Electronic Data Exchange Ship Departure Message". This document and

Compared with GB/T 22431-2008, the main technical changes except for editorial changes are as follows.

a) Modified chapter title and position, revised the original "segment table" to "message structure", and modified the message structure diagram (see 6.1, 2008 edition

3.3.2);

b) Modified the description of the data segment, 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

According to the content of the paragraph (see 6.2, 3.1 of the 2008 edition);

c) Modified the description of the data segment, the position code of the data segment is increased from 4 to 5 (see 6.2.2);

d) Added description of data segment content (see Table 3~Table 20);

e) The branch diagram is deleted (see 3.3.1 of the 2008 edition).

This document is modified to adopt UN/EDIFACTD.18AVESDEP "The United Nations is used for administrative, commercial and transportation electronic data interchange Standard Ship Departure Message" (first half of 2018 edition).

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

a) Chapter 1 "Scope" corresponds to 1.1 and 1.2 in UN/EDIFACTD.18AVESDEP, and the UN/EDIFACT standard

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

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

c) Added Chapter 5 "Basic Requirements";

d) Chapter 6 "Message Description" corresponds to Chapter 4 of UN/EDIFACT D.18AVESDEP, where 6.1 corresponds to

4.3 and 6.2 in UN/EDIFACTD.18AVESDEP correspond to 4.1 in UN/EDIFACTD.18AVESDEP,

Added "6.2.3 Data Segment Content" in Chapter 6.

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

a) The relevant content of the basic requirements has been added (see 5.1). The basic requirements include the sender, receiver, and document functions.

Basic requirements for text application;

b) Added the description of the content of the data segment. The content of the data segment records the tags and names, constraints/conditions, data types and grids that constitute the data elements.

Formula and description to improve the operability of the application of this document.

The following editorial changes have been made to this document.

a) The name was changed to "Container Transportation Electronic Data Exchange Ship Departure Message";

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

1 Scope

This document specifies the basic requirements and descriptions of the ship departure

messages used for the electronic data exchange of container transportation.

This document is applicable to the application of ship departure 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 Meta Catalog (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/EDIFACT.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)

COM. Communication Contact (CommunicationContact)

CTA. Contact Information (ContactInformation)

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

FTX. FreeText (FreeText)

LOC. Place/LocationIdentification (Place/LocationIdentification)

MEA. Measurements

NAD. Name and Address (NameandAddress)

QTY. Quantity

RFF. Reference

SG. Data segment group (SegmentGroup)

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