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

GB/T 17699.3-2024

Replacing GB/T 15634-2014

**Electronic data interchange for administration, commerce and
transport (EDIFACT) - Part 3: Segment directory**

行政、商业和运输业电子数据交换 第3部分：段目录

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 59 References

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 for standardization documents"

Drafting: This document is part 3 of GB/T 17699 "Electronic Data Interchange for Administration, Commerce and Transport": GB/T 17699 has been published The following parts:

- Part 1: Data element directory;
- Part 2: Composite data element directory;
- Part 3: Segment directory: This document replaces GB/T 15634-2014 "Catalogue of Sections for Electronic Data Interchange in Administration, Commerce and Transport" and is compatible with GB/T 15634- Compared with:2014, in addition to structural adjustments and editorial changes, the main technical changes are as follows:
 - Added the terms and definitions of data element, segment, segment specification, segment directory, batch, interactive, and electronic data interchange (see 3:1, 3:2, 3:3, 3:4, 3:5, 3:6, 3:7);
 - Changed the description of the segment (see Chapter 4, Chapter 3 of the:2014 edition);
 - Added sections 100 and 110 of the transport details of the section catalog (see 5:1);
 - Changed the functional description of the segment directories AGR, AJT, ALI, BGM, BII, CPI, DIM of batch electronic data interchange (see 5:1, 4:1 of the:2014 edition);
 - Changed the functional description of the interactive electronic data interchange segment directory ADS, DNT, HDS, IFT, ITD, MSD (see 5:2, 4:2 of the:2014 edition): Please note that some of the contents of this document may involve patents: The issuing organization of this document does not assume the responsibility for identifying patents: This document was proposed and coordinated by the National Technical Committee for Electronic Business Standardization (SAC/TC83): This document was drafted by: Xingyu Auto Parts Co., Ltd., China National Institute of Standardization, Beijing Rogge Data Technology Co., Ltd., Quzhou Vocational and Technical College, Fujian Zhongke Min'an

Testing Technology Co., Ltd., Chengdu Smart Rongcheng Research Institute Co., Ltd., China Network Security Certification and Market Supervision Big Data Center, Zhongtong Cloud Warehouse Technology Co., Ltd., Quzhou Metrology and Quality Inspection Institute, Xiamen Zhongkebai Lian Standardization Service Co., Ltd., Chuzhou Jingjiu Network Technology Co., Ltd., Hubei Huazhong Electric Power Technology Development Co., Ltd., Chang'an University, Fujian Institute of Standardization, Fujian University of Science and Technology, Fujian Zhongke Standard Technology Co., Ltd., Fuzhou University, Shenzhen Ace Technology Co., Ltd. company: The main drafters of this document are: Cao Xinjiu, Hu Xuying, Chu Zhiqiang, Wen Fang, Wu Caixing, Lu Yufeng, Wang Shumin, Huang Zengyang, Zhang Yinfen, Cao Mulin, Liu Yongjin, Li Zhe, Huang Dong, Wu Yingbo, Ren Deping, Gao Yiding, Li Xiang, Song Baoxiang, Luo Xianjuan, Wang Qu, Li Cinü, Yang Fan, Gao Gui, Tong Gang, Zeng Fanyang, Xiong Guangyuan, Xiao Aidi: The previous versions of this document and the documents it replaces are as follows:

---First published as GB/T 15634-1999 in:1999, first revised in:2008, second revised in:2014;

To ensure the application of EDI technology, the United Nations Trade Facilitation and Electronic Business Center has formulated and issued the UN/EDIFACT standard: Among them: The UN/EDIFACT Segment Directory, UN/EDIFACT Data Meta Directory and UN/EDIFACT Composite Data Meta Directory form a complete set of At the same time, given the importance and increasing frequency of UN/EDIFACT data standards, with the With the development of EDI technology, the United Nations Trade Facilitation and Electronic Business Center updates the UN/EDIFACT data standard every year to ensure To ensure timely meeting of actual needs and promote rapid economic and social development: In recent years, my country's international cooperation has become increasingly frequent, and the volume of import and export trade has doubled, whether in terms of creating conditions for international trade partners, improving In order to improve customs clearance efficiency, effectively participate in international business competition and create huge foreign trade benefits, the development and application of EDI has become a major issue in my country's economy: Therefore, in order to make our national standards consistent with international standards, it is necessary to solve the problem of outdated standards as soon as possible: To speed up the updating of EDI standards, we have promptly revised the electronic data interchange standards to meet the needs of electronic data exchange in my country's international trade: Exchange demand: GB/T 15634-2014 "Catalogue of Sections for Electronic Data Interchange in Administration, Commerce and Transport", GB/T 15635-2014 "Catalogue of Sections for Electronic Data Interchange in Administration, Commerce and Transport" GB/T 17699-2014 "Compound Data Element Catalog for Electronic Data Interchange in Administration, Commerce and Transport" GB/T 16833-2011 "Electronic Data Interchange (EDIFACT) Code Table for Administration, Commerce and Transport" was revised to Partial standard GB/T 17699 "Electronic data interchange for administration, commerce and transport": GB/T 17699 is

planned to consist of four parts:

--- Part 1: Data element directory: The purpose is to define the data elements used in electronic data interchange (EDIFACT) in administration, commerce and transportation: The label, name, description, representation and scope of application of the data element:

--- Part 2: Composite data element directory: The purpose is to define the electronic data interchange (EDIFACT) used in administration, commerce and transportation Description of the user composite data element representation, composite data element directory and composite data element set:

--- Part 3: Segment Directory: The purpose is to identify the user data used in electronic data interchange for administration, commerce and transport (EDIFACT) Description of data segment representation, segment directories, and segment directory sets:

1 Scope

GB/T 17699.3-2024 is the EDIFACT segment directory in the Chinese standards system. UN/EDIFACT is the international syntax that customs declarations, transport documents, invoices and orders have moved on for decades, and although newer formats exist it remains the backbone of cross-border trade documentation, including with China. A message in that syntax is assembled from segments, and a segment is only interpretable if both parties hold the same directory: this document is that directory. It sets out how a segment is described, the status of each data element within a segment structure, mandatory or conditional, the character types, the notes convention and the way the directory is presented, and then gives the directory itself in two parts, the batch EDI segments and the interactive EDI segments. The 2024 edition replaces GB/T 15634-2014. For a freight forwarder, a customs software vendor or anyone exchanging trade documents with Chinese counterparties, this is the reference.

This document specifies segment descriptions and a segment catalogue used in Electronic Data Interchange for Administration, Commerce and Transport (EDIFACT): This document applies to the design of standard messages for electronic data interchange in administration, commerce and transportation (EDIFACT):

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document: For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document:

GB/T 14805:1-2007 Syntax rules for electronic data interchange for administration, commerce and transport (Syntax version number: 4, Syntax Publication number: 1) Part 1:

Common grammar rules

3 Terms and definitions

The terms and definitions defined in GB/T 14805:1-2007 and the following apply to this document: 3:1 data element dataelement; DE A unit of data whose definition, identity, representation, and allowed values are specified by a set of attributes: [Source: GB/T 18391:1-2009, 3:1] 3:

2 Segment An identified, named, and structured set of functionally related composite and/or independent data elements that are contained in a segment: A segment begins with a segment marker and ends with a segment terminator: NOTE: In transmission, a segment is a specific, ordered collection of one or more composite data elements and/or independent data elements that conform to the segment specification: [Source: GB/T 14805:1-2007, 4:91] 3:3 segment specification The description of the segment in the segment directory includes the location, status and maximum number of occurrences of the data elements that make up the segment: [Source: GB/T 14805:1-2007, 4:94] 3:4 segment directory A list of these segments is identified and named using a segment specification: [Source: GB/T 14805:1-2007, 4:92]