

ICS 35.240.60
CCS A10



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

GB/T 17699.1-2024

Replacing GB/T 17699-2014

**Electronic data interchange for administration, commerce and
transport(EDIFACT) - Part 1: Data element directory**

行政、商业和运输业电子数据交换 第1部分：数据元目录

Issued on: May 28, 2024

Implemented on: September 1, 2024

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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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 for standardization documents" Drafting: This document is Part 1 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 17699-2014 "Directory of Data Elements for Electronic Data Interchange in Administration, Commerce and Transport" and is compatible with GB/T 17699- 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, batch and interactive (see 3:1, 3:2 and 3:3);

--- Added description attributes of data elements (see 4:2);

--- Added data elements 4148, 4149, 4150, 4151, 4153, 8462, 8463, 8464 (see Chapter 5);

--- Deleted data elements 7519, 9352, 9416 (see Chapter 5, Chapter 4 of the:2014 edition);

--- Changed the description of data elements 1000, 1004, 1056, 1058, 1060, 1073, 2659 (see Chapter 5, Chapter 4 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: Zhejiang Xiangrui Electromechanical Equipment Co., Ltd., Shenzhen Xinmaoxin Industrial Co., Ltd., Chuzhou Xiduoduo New Food Science and Technology Co., Ltd: Technology Co., Ltd., China National Institute of

Standardization, Fujian Provincial Government Portal Website Operation and Management Co., Ltd., China Cybersecurity Review and Certification and Market Supervision Big Data Center, Chengdu Smart Rongcheng Research Institute Co., Ltd., Zhejiang Anchu Big Data Technology Co., Ltd., Hubei Huazhong Electric Power Science and Technology Co., Ltd.: Technology Development Co., Ltd., Zhejiang Zhenglian Network Technology Co., Ltd., Zhongtong Cloud Warehouse Technology Co., Ltd., Guizhou University, Chengdu Standardization Research Institute Institute of Standardization, Fujian Zhongke Standard Technology Co., Ltd., Fujian Standardization Research Institute, Henan Standardization and Quality Research Institute, Fujian University of Technology University, Shenzhen Ace Technology Co., Ltd: The main drafters of this document are: Zeng Yanping, Cao Xinjiu, Chu Zhiqiang, Wen Fang, Wang Shumin, Shao Jie, Wang Zhimin, Zhang Yinfen, Guo Fei, Xu Shuhan, Li Hui, Huang Dong, Liu Sha, Wang Zhengwei, Chen Lijuan, Ren Deping, Sun Liming, Wu Guosuan, Zeng Xiaofan, Xie Meijuan, Liu Qiuhua, Zhang Zhen, Zhong Jun, Liu Xinhua, He Guidong, Zeng Fanyang, Wang Qiang: The previous versions of this document and the documents it replaces are as follows:

---First published as GB/T 17699-1999 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 Whether it is to effectively participate in international business competition and create huge foreign trade benefits, the development and application of EDI has become an important part of my country's economy: Therefore, in order to make our national standards consistent with international standards and solve the problem of outdated standards as soon as possible, To address this issue and speed up the updating of EDI standards, we have promptly revised the electronic data interchange standards to meet the needs of my country's international trade in electronic data: According to exchange requirements: At present, this document is revised for the third time: This revision is based on my country's transformation regulations for foreign advanced standards and refers to UN/ECE standards: D: Based on the technical content of version 22B, it is transformed and revised in light of my country's actual needs: 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:

2 Composite Data Element Directory: The purpose is to define the data elements used in electronic data interchange (EDIFACT) for administration, commerce and transport: 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 17699.1-2024 is the Chinese national standard on electronic data interchange for administration, commerce and transport(edifact) - part 1: data element directory, in the field of information technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 28 May 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 September 2024. Classification: ICS 35.240.60, CCS A10. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies descriptions and a catalogue of data elements used in Electronic Data Interchange for Administration, Commerce and Transport (EDIFACT): This document applies to data transmission in the field of electronic data interchange for administration, commerce and transport (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 2659:1-2022 Codes for the names of countries and regions and their administrative divisions Part 1: Country and area codes

GB/T 19488:1 E-government data elements Part 1: Design and management specifications

3 Terms and definitions

The following terms and definitions 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, 3:3:8]

3:2 batchEDI
Electronic data exchange without special requirements for structured data exchange using requests and responses between parties: [Source: GB/T 14805:1-2007, 4:6]

3:3
interactiveEDI The predefined and structured electronic exchange of data in a conversation for a business purpose: [Source: GB/T 14805:1-2007, 4:55, modified]

4 Data element description

1 Scope of application of data elements This document uses the following indicators to indicate the scope of application of a data element: [B] = only for batch messages; [I] = only for interactive messages; [C]=Applicable to batch messages and interactive messages: