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

GB/T 17699.2-2024

Replacing GB/T 15635-2014

**Electronic data interchange for administration, commerce and
transport(EDIFACT) - Part 2: Composite data elements directory**

行政、商业和运输业电子数据交换 第2部分：复合数据元目录

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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 2 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 15635-2014 "Compound Data Element Catalog for Electronic Data Interchange in Administration, Commerce and Transport" and is compatible with Compared with GB/T 15635-2014, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

--- Added the terms and definitions of data element, component data element, composite data element, composite data element directory, batch mode, and interactive mode (see 3:1, 3:2, 3:3, 3:4, 3:5);

--- Changed the description of composite data elements (see Chapter 4, Chapter 3 of the:2014 edition);

--- Added composite data element C290 of the batch electronic data interchange composite data element directory (see 5:1);

---Changed the composite data elements C002, C003, C004, C008, C009, C010 in the batch electronic data interchange composite data element directory Notes (see 5:1, 4:1 of the:2014 edition);

--- Changed the description of composite data elements E005, E006, E026 and E817 in the interactive electronic data interchange composite data element directory (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, Chuzhou Xiduoduo Food Technology Co., Ltd: China Cybersecurity Review and Certification and Market Supervision Big Data Center, Fujian Xingyun Big Data Application Service Co., Ltd., Chengdu Smart Chengdu Research Institute Co., Ltd., Quzhou Metrology and Quality Inspection Institute, Inner Mongolia University of Technology, Hangzhou Zanxiang Information Technology Co., Ltd., Chengdu Municipal Standardization Research Institute, Hubei Huazhong Electric Power Technology Development Co., Ltd., Guangdong Zhongcai Bidding Co., Ltd., Beijing Rogge Data Technology Co., Ltd: Ltd., Ningbo Guangzhi Electronic Technology Co., Ltd., Zhongtong Cloud Warehouse Technology Co., Ltd., Fujian Institute of Standardization, Fujian University of Technology, Urban Human Resources and Social Security Information Center, Foshan Zhongtaolian Supply Chain Service Co., Ltd., Fujian Zhongke Standard Technology Co., Ltd: Co., Ltd., Shenzhen Ace Technology Co., Ltd: The main drafters of this document are: Huang Zengyang, Cao Xinjiu, Wei Yinghao, Jiang Guangjun, Wang Jianmin, Wang Zhimin, Zhang Yinfen, Xu Qingchun, Wang Shumin, Peng Li, Wang Haiying, Zhao Lizhu, Li Maochun, Xu Wenfeng, Liu Sha, Zhou Xiongwei, Peng Xuemei, Chen Shuyi, Zhao Shushu, Liu Fei, Ren Deping, Lu Qiuping, Chen Guilian, Zhong Jun, Chen Wenshan, Zeng Fanyang, Liang Yu, and Wang Baihua: The previous versions of this document and the documents it replaces are as follows:

---First published as GB/T 15635-1999 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: 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 standard aging as soon as possible, We will promptly update the EDI standards to meet the needs of electronic data exchange in my country's international trade: need: At present, this document is revised for the third time: This revision is based on

my country's transformation regulations for foreign 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:

--- 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 17699.2-2024 is the Chinese national standard on electronic data interchange for administration, commerce and transport(edifact) - part 2: composite data elements 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 the description, structure and format of composite data elements used in electronic data interchange for administration, commerce and transport (EDIFACT): Table of contents: 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 Electronic Data Interchange for Administration, Commerce and Transport (EDIFACT) Application Level Syntax Rules Part

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 componentdataelement A simple data element used within a composite data element: [Source: GB/T 14805:1-2007, 4:17] 3:

3 Composite data element compositedataelement A collection of functionally related component data elements described, named, and structured as described in a composite data element specification: NOTE In transmission, a composite data element is an ordered collection of one or more component data elements that conform to the composite data element specification: [Source: GB/T 14805:1-2007, 4:19] 3:4 A list of identified and named composite data elements and their specifications: [Source: GB/T 14805:1-2007, 4:20]