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GB/T 39453-2020

International trade business data specification Order processing

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the redrafting method to modify and adopt UN/CEFACT "Requirement Specification Mapping Cross-industry Order Processing Process" (V.2.06.00).

Comparing this standard with UN/CEFACT "Requirement Specification Mapping Cross-industry Order Processing Process", the following structural adjustments have been made.

--- Deleted the "1 order" in the UN/CEFACT "Requirement Specification Mapping Cross-industry Order Processing Process";

--- Take "2 Reference" in UN/CEFACT "Requirement Specification Mapping Cross-industry Order Processing Process" as the reference document of this standard

Part (see references);

---Rewrite the "3 goals" and "5 goals technical solutions" in the UN/CEFACT "Requirement Specification Mapping Cross-industry Order Processing Process"

Introduction to this standard (see introduction);

---In accordance with the requirements of GB/T 1.1-2009, added.

* Scope (see Chapter 1);

* Normative references (see Chapter 2);

* Terms, definitions and abbreviations (see Chapter 3);

--- The UN/CEFACT "Requirements Specification Mapping Cross-industry Order Processing Process" "8UN/CEFACT registered version of the core

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"Core component", "9 core component reference draft", "10 appendix files", and "11 appendix information" are deleted, and relevant information is taken as part of the reference (see references).

Compared with the UN/CEFACT ``Demand Specification Mapping Cross-Industry Order Processing Process'', the technical differences and reasons for this standard are as follows.

--- Regarding normative reference documents, this standard has made adjustments with technical differences to adapt to my country's technical conditions. The specific adjustments are as follows.

* Replace UN/CEFACT with GB/T 39456 which is modified to adopt international standards

* Added reference to GB/T 18811;

--- Modify "6 Effective load information to be implemented" in the UN/CEFACT "Requirement Specification Mapping Cross-industry Order Processing Process" to

"Payload Information" (see Chapter 5);

--- Added the title "Basic Business Information Entity Data Dictionary" in Table 2 (see 6.1).

This standard has made the following editorial changes.

---Change the name of this standard to "Regulation of International Trade Business Data Order Processing";

---Due to the "6.1 Basic Business Information Entity Section" in UN/CEFACT "Requirement Specification Mapping Cross-industry Order Processing Process"

The contents of the last three columns of "Table 2 Basic Business Information Entity Data Dictionary" have no practical meaning or overlap with the previous column, so this standard adopts

The last three columns of the table are deleted;

--- Deleted "6.3 Common Supply Chain Categories" in the UN/CEFACT "Demand Specification Mapping Cross-Industry Order Processing Process", because this article

No specific technical content.

Please note that certain contents of this document may involve patents. The issuing agency of this document is not responsible for identifying these patents.

This standard was proposed and managed by the National Electronic Business Standardization Technical Committee (SAC/TC83).

Drafting organizations of this standard. Shenzhen Institute of Standards and Technology, Shenzhen Zhongxin Electronic Commerce Transaction Guarantee Promotion Center, China Standardization Research Institute

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Research Institute, Wuhan University, Dongguan Anbeishi Electronic Technology Co., Ltd., Zhejiang Institute of Inspection and Quarantine Science and Technology.

Introduction

In the trade process, order processing runs through the process of the delivery and payment of goods or services agreed between the supplier and the customer. This standard describes

Describes the data model and target technical solutions in the order processing process, aiming to provide specifications for describing the data model in the global supply chain order process.

The structure of this standard is based on UN/CEFACT requirement specification mapping-document template guide, combined with business requirement specification, to provide a standard framework for information exchange.

International trade business data standardize order processing

1 Scope

This standard specifies the order processing in the international trade business data specification, including business term description, payload information and business entity references.

This standard applies to the implementation of data models and related technologies in the processing of international trade orders across industries.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this document.

For undated references, the latest version (including all amendments) applies to this document.

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

GB/T 18811 Basic terminology of e-commerce

GB/T 39456 International Trade Business Process Specification Order Processing

3.1 Terms and definitions

The following terms and definitions defined in GB/T 18811 and GB/T 39456 apply to this document.

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3.2 Abbreviations

The following abbreviations apply to this document.

ABIE. Aggregate business entities

ASBIE. Associated Business Information Entity

BBIE. Basic Business Information Entity

CI. Cross-industry

CIOCH. Cross-industry order change header

CIOH. Cross-industry order header

CIOL. Cross-industry order line

CIORH. Cross-industry order response header

CMR. Order under the Convention on Contracts for the International Carriage of Goods by Road

ID. identifier

MA. message aggregation

XML. Extensible Markup Language

4 Description of business terms

See Table 1 for descriptions of business terms.

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