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**Core components business document assembly technical
specification for international trade**

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Table of Contents

1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Business document integration framework	3
5 Features of integrated business documents	5
6 Business document structure	5
6.1 Message Service Information Entity (MBIE)	5
6.2 Naming and Definition	7
6.3 Sort	7
6.4 Business document header	8
7 Context	8
8 Constraints	8
Reference	9

Foreword

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

This standard uses the redrafting law to amend and adopt the United Nations Center for Trade Facilitation and Electronic Business (UN/CEFACT) standard "Core Structure

Version 1.0 of the Technical Specification for Document Integration of Document Business.

Compared with the UN/CEFACT standard "Core Component Business Document Integration Technical Specification Version 1.0", this standard has major structural adjustments.

details as follows.

---Deleting Chapter 1 "Document Status", Chapter 2 "Project Team Members" and Chapter 3 "Introduction" of International Documents;

---Adjust the content of Chapter 4 "Summary" of international documents to Chapter 4 "Business Document Integration Framework" and Chapter 5 "Integration" of this standard "Characteristics of Business Documents";

--- Chapter 5, Chapter 6, and Chapter 7 of international documents correspond to Chapter 6, Chapter 7, and Chapter 8 of this standard respectively;

--- Chapter 9 "Terms and Definitions" of International Documents is adjusted to Chapter 3 "Terms and Definitions" of this standard;

---The informative Appendix A of the original text is deleted.

This standard has made the following editorial changes.

---Change the standard name to "Technical Specification for Integration of Business Documents for Core Components of International Trade";

--- Added Chapter 1 "Scope" and Chapter 2 "Normative Reference Documents".

This standard is under the jurisdiction of the National Electronic Business Standardization Technical Committee (SAC/TC83).

Drafting organizations of this standard. China National Institute of Standardization, Shenzhen Zhongxin Electronic Commerce Transaction Guarantee Promotion Center, Ningbo High-tech Zone Huicai Standard

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Furniture Co., Ltd., Zhejiang Qihang Industry and Trade Co., Ltd., China Electronic Port Data Center, National Port Management Office, China International Trade Promotion

Commercial Industry Committee of the Progress Committee, Sichuan Shujie General Electric Co., Ltd., CITIC Dicastal Co., Ltd., Shandong Institute of Standardization,

Fujian Electronic Port Management Center.

1 Scope

This standard specifies the rules for integrating the data model based on the Core Component Technical Specification (CCTS) into a grammatically independent business document.

Including the business document integration framework, the structure of business documents, the rules for naming, defining, and constructing message components, as well as the

Association rules of business entities, etc.

This standard applies to the sharing or exchange of any business information between enterprises, government agencies and/or other organizations in an open environment.

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 article

Pieces. For undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 18811-2012 Basic terminology of e-commerce
(UN/CEFACT Core Component Technical Specification
Version 3.0, IDT)

3 Terms and definitions

The following terms and definitions defined in GB/T 18811-2012 apply to this document. For ease of use, the following are repeated

Certain terms and definitions in GB/T 18811-2012.

3.1

Aggregate business information entity aggregate business information entity; ABIE

A collection composed of several pieces of interrelated business information.

Note 1. Expressed clear business meaning in a specific context. When it is expressed in a modeling language, it expresses an object class in a specific business context.

Note 2. Rewrite GB/T 18811-2012, definition 2.1.

3.2

Association business information entity association business information entity; ASBIE

A specific aggregated business information associated with another aggregated business information entity (referred to as an associated aggregated business information entity)

The role of an entity (referred to as an associated aggregate business information entity).

Note 1. Associated business information entity functions as an aggregated business information entity characteristic of an associated aggregated business information entity.

Note 2. Rewrite GB/T 18811-2012, definition 2.11.

3.3

Aggregate core component aggregate core component; ACC

A collection composed of several pieces of interrelated business information.

Note 1. Expressed a clear business meaning, independent of any specific business context. When expressed in modeling terms, it means a business independent of any specific business

The object class of the context.

Note 2. Rewrite GB/T 18811-2012, definition 2.3.

3.4

Attribute

A named value or relationship possessed by some or all instances of an entity and directly related to the instance.

[GB/T 18811-2012, definition 2.15]

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