

ICS 35.240.60

CCS L 70



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

GB/T 15947-2011

Replacing GB/T 15947-2001

EDIFACT message design rules for EDI

行政、商业和运输业电子数据交换（EDIFACT）报文设计规则

(English Translation)

Issued on: July 29, 2011

Implemented on: December 1, 2011

Issued by: Standardization Administration of China

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Foreword

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

This standard replaces GB/T 15947-2001 "for administration, commerce and transport electronic data exchange packets design rules." this standard compared with GB/T 15947-2001 main changes are.

--- The revised standard adopts UNECE trade facilitation and electronic business Committee (UN/CEFACT) /R.840/Rev.5 positive Formula's "administration, commerce and transport of electronic data interchange (EDIFACT) message design rules", and GB/T 15947-2001 equivalent to UN/CEFACT released the first version of "administration, commerce and transport electronic data exchange telegram rule";

--- The original name of the standard "for administration, commerce and transport electronic data interchange message design rules" to "administrative, commercial and Transport electronic data interchange (EDIFACT) message design rules";

--- Increased Chapter 3 Terms and definitions;

--- Increase the informative Appendix E "Comment examples of usage." this standard uses redrafted law revision adopted UN/CEFACT's "administration, commerce and transport of electronic data interchange (EDI-FACT) message design rules "2nd revised edition.

The major changes in standards and design rules packets of UN/EDIFACT as follows.

--- The scope of a rewrite;

--- The terms and definitions in Appendix A to Chapter 3;

--- Adjustment Appendix order.

This standard by the National Standardization Technical Committee on Electronic Business (SAC/TC83) and focal points.

This standard drafting units. China National Institute of Standardization, Tianjin Port (Group) Co., Ltd.

1 Scope

This standard specifies the design and review of EDIFACT messages and message content should comply with the rules.

This standard applies to the first edition of 1,2,3,4 packets designed to meet the EDIFACT application level syntax rules. Comments and duplicate data from property Yuan is only applicable to the design grammatical version 4 packets.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 1988 Technical information interchange bit coded character set (GB/T 1988-1998, eqvISO 646.1991) GB/T 14805.1 administration, commerce and transport of electronic data interchange (EDIFACT) - Application level syntax rules (Syntax version number. 4, Syntax release number. 1) - Part 1. Syntax rules common (GB/T 14805.1-2007, ISO 9735-1:2002, IDT) GB/T 14805.2 administration, commerce and transport of electronic data interchange (EDIFACT) - Application level syntax rules (Syntax version number. 4, Syntax release number. 1) - Part 2. batch electronic data exchange specific syntax rules (GB/T 14805.2-2007, ISO 9735-2.

2002, IDT)

GB/T 14805.3 administration, commerce and transport of electronic data interchange (EDIFACT) - Application level syntax rules (Syntax version number. 4, Syntax release number. 1) - Part 3. interactive electronic data exchange specific syntax rules (GB/T 14805.3-2007, ISO 9735-3.

2002, IDT)

GB/T 18391.5 Information technology - Metadata registries (MDR) - Part 5. Naming and identification principles (GB/T 18391.5-2009, ISO/IEC 11179-5:2005, IDT)

3 Terms and Definitions

Terms and definitions GB/T 14805.1 defined apply to this document.

4.1 General

This standard follows the GB/T 14805.2 and the relevant provisions of GB/T 14805.3 of.

Batch EDI and interactive EDI common set of rules.

Rule 1. The design of the packets, segments and data elements should include objectives EDIFACT directory labeled items marked for deletion.

Rule 2. designed segments and data elements should include syntax service directory entry.

Rule 3. The design of the packets should not include syntax service directory entry, but the packet header (UNH/UIH), Section Control (UNS), anti-red Protruding segment group head (UGH), anti-collision segment group tail (UGT) and packet tail (UNT/UIT) service segment excluded.