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

GB/T 14805.5-2007

Replacing GB/T 14805.5-1999

**Electronic data interchange for administration commerce and
transport(EDIFACT)-Application level syntax rules(Syntax version
number:4 Syntax release number:1)-Part 5:Security rules f**

行政、商业和运输业电子数据交换(EDIFACT) 应用级语法规则(语法版本号:4, 语法发布号:1) 第5部分: 批式电子数据交换安全规则(真实性、完整性和源抗抵赖性)

(English Translation)

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Foreword

GB/T 14805 "administration, commerce and transport of electronic data interchange (EDIFACT) - Application level syntax rules (Syntax version number. 4, language French release number. 1 "consists of the following components.

- Part 1. Syntax rules common;
- Part 2. batch EDI specific grammatical rules;
- Part 3. Interactive EDI specific grammatical rules;
- Part 4. Batch EDI syntax and service report message (message type - CONTRL);

- PART 5. batch EDI security rules (authenticity, integrity and non-repudiation of origin);
- Part 6. Secure authentication and acknowledgment message (message type AUTACK);
- Part 7. batch EDI security rules (confidentiality);
- Part 8. Electronic Data Interchange relevant data;
- Part 9. Security key and certificate management message (message type KEYMAN);
- Part 10. Syntax service directories.

The future is also possible to add a new section.

This section GB/T 14805 Part 5.

This part identical with ISO 9735-5:2002 "administration, commerce and transport of electronic data interchange (EDIFACT) - Application level syntax rules Then (Syntax version number. 4, Syntax release number. 1) - Part 5. batch EDI security rules (authenticity, integrity and non-repudiation of origin Sex). " this Part replaces GB/T 14805.5-1999.

This section compared with the GB/T 14805.5-1999 The main changes are as follows.

- For ISO foreword and introduction of this section has been updated;
- Compared with the previous version, in terms of instruction and segment groups some changes;
- Deleted the previous version of the national standard A "definition" appendix, Appendix B "Syntax service catalog," and Appendix G "Service Code Head Recorded, "and some editorial mistakes were corrected.

This section of the Appendix A, Appendix B, Appendix C, Appendix D and Appendix E is an informative annex.

This part is proposed by the China National Institute of Standardization.

This part of the National Standardization Technical Committee centralized e-business.

This section is responsible for drafting the China National Institute of Standardization.

Introduction

According to the needs of interactive or batch processing, this section contains the electronic exchange of messages used in an open environment in the structured data Application-level rules. United Nations Economic Commission for Europe (UN/ECE) have agreed to these rules as for administration, commerce and transport Electronic data interchange (EDIFACT) Application level syntax rules. These rules are the United Nations Trade Data Interchange Directory (UNTDID) a section. UNTDID also includes batch and interactive messages design guidelines.

Communication and protocol specifications are not within the scope of this section.

This part of GB/T 14805 is a new section. It provides a protective batch EDIFACT structure (ie, packets, bags, group or exchange) optional capability.

GB/T 14805.5-2007/ISO 9735-5:2002 Administration, commerce and transport electronic data interchange (EDIFACT) - Application level syntax rules (Syntax version no. 4, Syntax release number. 1) - Part 5. Batch Safety rules for electronic data interchange (authenticity, integrity and Non-repudiation of origin)

1 Scope

This section specifies the syntax rules for EDIFACT security. This section describes the security mechanisms established under packets/bag Level, group level and exchange-level security to provide authenticity, integrity, and repudiation of the anti-source method.

2 Conformance

Although the essential part of this type of data should appear in the segment UNB (first exchange) in 0002 dollars (Syntax version number) to use the version number "4", and Conditional data element 0076 (Syntax release number) using the release number "01", but in order to be able to distinguish this section, continue to use the earlier version Exchange rules of grammar version number should use the following syntax.

--- ISO 9735. 1988. Syntax version number. 1;

--- ISO 9735. 1988 (1990 was revised and re-printed). Syntax version number. 2;

--- ISO 9735. 1988 1992 No. 1 and its amendments. Syntax version number. 3;

--- ISO 9735:1998. Syntax version number. 4.

With a standard of consistency meant to include all the needs of all in support of its options. If you do not support all of the options, any agreement Statement shall contain a description that identifies those statements consistent with its option.

If the exchanged data structure and indicates compliance with the provisions of this part of the grammatical rules, these data in a consistent state.

When this part of the device to support the creation and/or explain its structure and consistent representation of data in this section, these devices are in a Consistency condition.

Consistency in this section shall include GB/T 14805.1, GB/T 14805.2, GB/T 14805.8 and GB/T 14805.10 in consistency.

When this section in terms of identifying the relevant criteria defined in these terms shall constitute an integral part of the consistency determination condition.

3 Normative References

The following documents contain provisions which, through reference in this text, constitute provisions of this part. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this section, however, encourage the parties to this part of the research agreement Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 14805.1-2007 administration, commerce and transport of electronic data interchange (EDIFACT) - Application level syntax rules (Syntax version the number. 4, Syntax release number. 1) - Part 1. Syntax rules common (ISO 9735-1:2002, IDT) GB/T 14805.2-2007 administration, commerce and transport of electronic data interchange (EDIFACT) - Application level syntax rules (Syntax version the number. 4, Syntax release number. 1) - Part 2. batch EDI-specific syntax rules (ISO 9735-2:2002, IDT) GB/T 14805.6-2007 administration, commerce and transport of electronic data interchange (EDIFACT) - Application level syntax rules (Syntax version no. 4, Syntax release number. 1) - Part 6. Secure authentication and acknowledgment message (message type AUTACK) (ISO 9735-6:2002, IDT) GB/T 14805.7-2007 administration, commerce and transport of electronic data interchange (EDIFACT) - Application level syntax rules (Syntax version the number. 4, Syntax release number. 1) - Part 7. batch EDI security rules (confidentiality) (ISO 9735-7:2002, IDT) GB/T 14805.8-2007 administration, commerce and transport of electronic data interchange (EDIFACT) - Application level syntax rules (Syntax version GB/T 14805.5-2007/ISO 9735-5:2002