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

GB/T 14805.2-2007

Replacing GB/T 14805.2-1999

**Electronic data interchange for administration commerce and
transport(EDIFACT)-Application level syntax rules(Syntax version
number:4 Syntax release number:1)-Part 2:Syntax rules spe**

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2部分: 批式电子数据交换专用的语法规则

(English Translation)

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Foreword

GB/T 14805 Administrative, Business and Transportation Electronic Data Interchange (EDIFACT) Application-level grammar rules (grammar version number. 4, language the law release number. 1) is composed of the following parts.

- Part 1. Common grammar rules;
- Part 2. Grammar rules specific to batch electronic data exchange;
- Part 3. Syntactic rules specific to interactive electronic data interchange;
- Part 4. Batch Electronic Data Interchange Syntax and Service Report Message (message type is CONTRL);
- Part 5. Batch electronic data exchange security rules (authenticity, integrity and source non-repudiation);
- Part 6. Security authentication and acknowledgment messages (message type is AUTACK);
- Part 7. Batch electronic data exchange security rules (confidentiality);
- Part 8. Relevant data in electronic data interchange;
- Part 9. Security Key and Certificate Management Message (Message Type is KEYMAN);
- Part 10. The grammar service directory.

It is also possible to add new parts in the future.

This part is the second part of GB/T 14805.

This section is equivalent to ISO 9735-2:2002 "Administrative, Commercial and Transportation Electronic Data Interchange (EDIFACT) Application Level Rules Then (grammar version number. 4, grammar release number. 1) Part 2. grammar rules for batch

electronic data exchange.

This part replaces GB/T 14805.2-1999.

The main changes in this section and GB/T 14805.2-1999 are. the introduction to the ISO preface and the introduction to this section. versus Most of the content is the same compared to the previous version, except that there are some changes in the terms of use of the terms and paragraph groups, and some editorial errors have been corrected.

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

This part is under the jurisdiction of the National Electronic Business Standardization Technical Committee.

Introduction

Based on the need for batch or interactive electronic data interchange processing, this section covers data exchange in electronic messaging in an open environment.

Application-level rules for the structure. The UN Economic Commission for Europe (UN/ECE) has agreed to use these rules for administrative, commercial and operational purposes.

Application-level grammar rules for EDI Data Exchange. These rules are the UN Trade Data Exchange Directory (UNTDID) a part of. UNTDID also includes batch and interactive message design guides.

This section can be used for a variety of applications. If the message conforms to other guidelines, rules, and directories in the UNTDID, then the report using these rules the text is treated as an EDIFACT message. For UN/EDIFACT batch messages, the batch message should conform to the batch message design rules.

These rules are maintained in the UNTDID.

Communication specifications and protocols are outside the scope of this section.

GB/T 14805.2-2007/ISO 9735-2:2002 Electronic data interchange for administration, commerce and transportation (EDIFACT) Application Level Grammar Rules (grammar version number. 4, grammar release number. 1) Part 2. Dedicated to batch electronic data interchange Grammar rules

1 Scope

This part of GB/T 14805 specifies the grammar rules for batch message formats exchanged between computer application systems. For batch the transmission of packets in the environment shall be in GB/T 14805.8.

2 Consistency

Although this section should use the version number "4" in the mandatory data element 0002 (grammar version number) that appears in the segment UNB (exchange header), and the conditional data element 0076 (syntax release number) uses the release number "01", but in order to be able to distinguish from this part, continue to use the earlier version the exchange of grammar rules should use the following grammar version numbers.

---ISO 9735:1988. grammar version number. 1;

---ISO 9735. 1988 (modified and reprinted in 1990). grammar version number. 2;

---ISO 9735:1988 and its amendment No. 1 of 1992. grammar version number. 3;

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

Consistency with a standard means that it supports all the requirements of including all options. If all options are not supported, then any consistency A sexual statement should contain a description that identifies those options that are consistent with them.

If the structure and representation of the data being exchanged conforms to the grammar rules specified in this section, then the data is in a consistent state.

When devices supporting this section are able to create and/or interpret their structure and represent data consistent with this section, these devices are consistent Sexual state.

Consistency with this section shall include conformance with GB/T 14805.1 and GB/T 14805.10.

When the terms defined in the relevant standards are identified in this section, they shall form an integral part of the conditions for consistency determination.

3 Normative references

The terms in the following documents become the terms of this section by reference in this section. All dated references, followed by all Modifications (not including errata content) or revisions do not apply to this section, however, parties to agreements based on this section are encouraged to study is it possible to use the latest version of these files? For undated references, the latest edition applies to this section.

GB/T 14805.1-2007 Electronic Data Interchange (EDIFACT) for Administration, Commerce and Transportation (Application Level Grammar) this number. 4, grammar release number. 1) Part 1. Common grammar rules (ISO 9735-1:2002, IDT) GB/T 14805.10-2003 Administrative, Commercial and Transportation Electronic Data Interchange (EDIFACT) Application Level Grammar Rules (Grammar Version number. 4, grammar release number. 1) Part 10. grammar service directory (ISO 9735-10:2002, IDT)

4 Terms and definitions

The terms and definitions established in GB/T 14805.1 apply to this section.

GB/T 14805.2-2007/ISO 9735-2:2002