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

GB/T 16520-2011

Replacing GB/T 16520-1996

**Message handling service -- Electronic data interchange
messaging service**

消息处理业务 电子数据交换消息处理业务

(English Translation)

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Foreword

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

This standard replaces GB/T 16520-1996 "Electronic data interchange messaging services." this standard and GB/T 16520-1996 compared to the main changes are as follows.

--- Standard name from "Electronic data interchange messaging service" to "electronic data interchange messaging service cancellation Information processing activities ";

--- Revised Chapter 1, "scope" of the content;

--- The Chapter 2, "Normative references" to "normative references", all references to the standard version of the update, and remove the ISO/IEC 10021-1 (1988), ISO/IEC 10021-2 (1988), ISO/IEC 10021-5 (1988), ISO/IEC 10021-n, ISO/IEC 9594-2 (1988), ISO/IEC 9594-8 (1988), ISO/IEC 9594-7 (1988);

--- To Chapter 3, "definition" to "Terms and Definitions";

--- Added four service elements, which are automatically confirmed EDI messages, auto-correlation B.3EDI message, B.4EDI notice Automatic confirmed, B.33 merger store messages EDI messages submitted full relevant text be amended;

--- Appendix B to add four, it is automatically confirm B.2EDI message automatically associated B.3EDI message, B.4EDI through Known automatic confirms merger submit B.33 stored message EDI messages;

--- The revision of this standard GB/T 16520-1996 Appendix C, Appendix D, Appendix E from "informative annex" to "normative appendix".

This standard uses the translation method is equivalent to using ITU-TF.435.1999 "message processing business electronic data interchange messaging service" (In English).

The standard proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

The standard by the China Communications Standards Association.

This standard was drafted. the Ministry of Industry and Information Technology and Telecommunications Research Institute, Shanghai Bell Co., Ltd.

Introduction

This standard is one of a set of standards for message processing. The standard set by any number of open collaboration system consisting of message processing mention for a comprehensive specification.

Message handling systems and services enable users to exchange messages on a store and forward basis. A cancellation by a certain user (originator) submitted Interest rates, by the message transfer system (MTS) (ie, a larger message handling system (MHS) basic components) to be transported and delivered to one or more other users (message recipients).

MHS is a wide variety of interconnected functional entities. Message transfer agent (MTA) store and forward type of collaboration Messaging functionality. Message Store (MS) to provide message storage and submission, retrieval and management of these messages. User Agent (UA) Help users access MHS. Access unit (AU) to provide access to other communication systems and various types of services, for example, other remote signal Information processing services and postal services connections.

This standard specifies the overall system and service description called EDI messaging applications.

This release provides new operational elements (EOS), the EOS can provide for message storage and associated services IPM message Storage capabilities similar to EDI message store.

Messaging service

Electronic data interchange messaging service

1 Scope

This standard specifies the overall system and business EDI message processing.

In other standards, it provides message handling system and other aspects of the business.

Message handling systems and related services in the ITU-T standards are F.400/X.400 Table 1 below. ITU-TF.400 series of standards provides public services on MHS configuration, as well as the public sector Works of mutual access between MHS.

ITU-TX.400 series standard specifies the technical aspects of MHS content in ITU-TX.402/ISO/IEC 10021-2 in Regulation MHS set the overall system architecture. ITU-TX.435/ISO/IEC 10021-9 specified in the EDI messaging technology in the content.

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.

ISO/IEC 10021-1 Information technology - Message Handling Systems (MHS) - Part 1. System and service overview (Information technology-MessageHandlingSystems (MHS) -Part 1. Systemandserviceoverview) ITU-TF.400/X.400 Message Handling Systems and Business Review (Messagehandlingservices. Messagehandling systemandserviceoverview) ITU-TF.401 message handling services share messaging service naming and addressing (Messagehandlingservices. Na-mingandaddressingforpublicmessagehandlingservices) Interworking ITU-TF.415 public message handling services and physical delivery services (Messagehandlingservices. Inter-communicationwithpublicphysicaldeliveryservices) ITU-TX.402 (1999) | ISO/IEC 10021-2:1999 Message Handling System Architecture (Informationtechnolo-gy-MessageHandlingSystems (MHS). Overalarchitecture) ITU-TX.413 (1999) | ISO/IEC 10021-5:1999 messaging system message storage Abstract service definition (Infor-mationtechnology-MessageHandlingSystems (MHS). Messagestore-Abstractservicedefinition) ITU-TX.435 (1999) | ISO/IEC 10021-9 messaging system to exchange electronic data message handling system (Informa-tiontechnology-MessageHandlingSystems (MHS). Electronicdatainterchangemessagingssystem) ITU-TX.501 (1997) | ISO/IEC 9594-2:1998 Information technology - Open Systems Interconnection - The Directory. Models (Infor-mationtechnology-OpenSystemsInterconnection-TheDirectory. Models) ITU-TX.509 (1997) | ISO/IEC 9594-8:1998 Information technology - Open Systems Interconnection - The Directory. Public key and attribute Kam Do framework (Informationtechnology-Opensystemsinterconnection-TheDirectory. Public-keyandat-tributecertificateframeworks) ITU-TX.521 (1997) | ISO/IEC 9594-7:1998 Information technology - OSI Directory selected object Category (Informationtechnology-OpenSystemsInterconnection-TheDirectory. Selectedobjectclas-ses)