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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB 30441.1-2013

Information technology -- Universal multi-octet coded character set -- Manchu nominal characters and presentation forms. 16 Dot matrix font -- Part 1: Qianyinbai Ti

信息技术 通用多八位编码字符集 满文名义字符与变形显现字符 16点阵字型 第1部分：铅印白体

(English Translation)

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Foreword

All technical content in this Part of GB 30441 is mandatory.

GB 30441 "Information technology - Universal Multiple-Octet Coded Character Set Manchu characters appear in the name of the character and deformation of 16 dot matrix font" is divided into the following components.

--- Part 1. letterpress white body;

--- Part 2. letterpress printing in bold.

This is Part 1 GB 30441's.

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

This part of the National Information Technology Standardization Technical Committee (SAC/TC28) and focal points.

This section drafted by. China Electronics Standardization Institute, Weifang Beida Jade Bird Huaguang Phototypesetting Ltd., Inner Mongolia University, Inner Mongolia Ancient Mongolian Autonomous Language Work Committee.

Drafters of this section. Daihong, Lvjian Chun, Gaowa, Chen Zhuang, He Zhengan, Wang Xin, Arong Tana, Cao Ying Xiong Tao, Huang Shanshan, Wang Ran, Li Weiguo.

Introduction

This section is based on GB/T 26226 "Information technology deformation appears Mongolian character set and control characters using the rules" under the full the name of the text characters with deformed characters appear in China's first letterpress printing books --- Manchu Manchu font "Matthew books" for use as the basis, set the terms and provisions of information processing Manchu stereotype white body 16 dot matrix font (A

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see Appendix).

Authorization to use the relevant font data transfer matters, to maintain the standard font data, updating and revision of unity is responsible for the centralized units.

Address. Andingmen East Street, Dongcheng District No. 1 (Beijing 1101 mailbox) Zip Code. 100007 Phone. 010-84029173 Fax. 010-64007681 E-mail. citss@cesi.cn Information technology - Universal Multiple-Octet Coded Character Set Manchu characters appear in the name of the character and deformation 16 dot matrix font - Part 1. letterpress white body

1 Scope

GB 30441 of the provisions of this part of GB/T 26226 in the name of Manchu characters and show character 16 dot matrix deformation letterpress printing white body Font.

This section applies to the full text of the display information processing equipment and printing equipment can also be used for other related equipment.

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 26226 IT Mongolian deformation show the character set and control characters use rules

3 Terms and Definitions

The following terms and definitions apply to this document.

Font glyph

One kind of recognizable abstract graphic symbol, it does not depend on any particular design.

Font font

Glyph image set having the same basic design, such as. letterpress printing white body.

Bitmap fonts dotmatrixfont in a collection of dots to show the graphic character (type) form.

Word order characterorder Graphic character in the set are arranged according to certain rules of order.

Character height fontheight Effective height of the dot graphic characters in dots.

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4 Graphic character Manchu

4.1

The number of characters in accordance with the provisions of this part of GB/T 26226, providing 265 Manchu graphic characters, in which.

a) the name of 80 characters;

b) a single modification to show 86 characters (including numbers from five characters 00A3 to 00A7 is newly added character);

c) Mandatory fitting word 74;

d) non-mandatory fit 25 characters (including numbers from 16 characters in 0222-0231 for newly added character).

See the code and serial number information data Manchu graphic character of Appendix B.

4.2 Font word order

265 Manchu graphic character fonts provided in this section are arranged in the order of GB/T 26226 prescribed.

5 Standard data management

To strengthen the management of information technology products with full-text font type and standard data, the data in this section to ensure the implementation of the agreement Correctness and authorizing the transfer of matters related to the use of font data, maintenance, updating and revision of the standard font data, unified by a centralized Responsible unit.

The method represents bitmap fonts

6.1 Grid

Equidistant grid by a number of vertical and horizontal lines intersect to form.

This section provides 16 dot matrix (refer to the letter box) font, which is a lateral grid 16 grid, 16 longitudinal grid. The center of each square is defined as the point of Center position.

Raster Only constituting the lattice points are positioned 16 dot grid shown in Figure 1.

Figure 116 dot raster

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6.2 Points

Point is the smallest unit constituting the lattice-shaped, circular or square that it is located within the black areas of the parties to the grid.

6.3 Lattice words

Manchu word graphic character bitmap fonts from a number of points placed within the grid set to represent. Manchu "" 16 dot matrix letterpress printing White body shaped as shown in FIG.

Figure 2 Manchu "" 16 dot matrix font letterpress white body

6.4 Dot matrix character height data

265 This section provides the full text of 16 dot matrix character font letterpress white body height data, see Appendix C.

7.1 Bitmap font data

265 This section provides the full text of the white body 16 dot letterpress printing font data expressed in Appendix D.

7.2 Bitmap fonts

In accordance with the provisions of this part of GB/T 26226 offers 265 Manchu 16 dot matrix graphic character font letterpress white body as follows.

Appendix A

(Informative)

Letterpress printing white body Letterpress printing white body with the first portion of Manchu stereotype book "Matthew book" font style.

Appendix B

(Informative)

Manchu graphic character code and the serial number data this section provides the full text of 265 graphic characters, of which there are 80 in the name of the character in the code GB 13000, 185 words appear deformed no code in GB 13000 character, but it GB/T 26226 in the provisions of the number of characters to show modification. This section provides 265 full Code and data information file No. graphic characters as follows.

a) 80 a full one-character code in the name of the text. in the range of 1800 to 18AA;

b) 86 a full one single text appear deformed character. in the range of 0000 to 00A7;

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