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

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**Information technology - Universal multi-octet coded character
set - Phags-pa nominal characters and presentation forms. 16
dot matrix font - Hubilie Ti**

信息技术 通用多八位编码字符集 八思巴文名义字符与变形显现字符 16点阵字型
忽必烈体

(English Translation)

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Foreword

All the technical contents of this standard is mandatory.

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

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

This standard was drafted. China Electronics Standardization Institute, Inner Mongolia University, Beijing Founder Electronics Co., Ltd., Beijing University Institute of Computer Science and Technology, Inner Mongolia Mongolian Language Work Committee.

Introduction

This standard is based on the characters in the name of the text Pagba GB 13000 prescribed to Kublai our body font specification is based on the design and it provides information processing Pagba 16 dot matrix text Kublai body (see Appendix A) fonts.

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. 84029173 Fax. 64007681 E-mail. citss@cesi.ac.cn Information technology - Universal Multiple-Octet Coded Character Set Nominal Pagba text characters with deformed characters appear 16 dot matrix font Kublai body

1 Scope

This standard specifies the GB 13000 in the name of the character and text Pagba deformed characters appear Kublai body 16 dot font.

This standard applies to Pagba display text 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 13000 Information technology - Universal Multiple-Octet Coded Character Set (UCS)

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. Kublai 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.

4 Pagba text graphic characters

4.1

The number of characters this standard is based on the provisions of GB 13000, providing 151 Pagba text graphic characters, in which.

- a) the name of 56 characters;
- b) appear deformed character 95.

Pagba text graphic character code and serial data information see Appendix B.

4.2

A character sequence this standard provides 151 Pagba text graphic character dot matrix font, the order in accordance with the provisions of the order of arrangement of GB 13000.

5 Standard data management

To strengthen information technology products with Pagba text font and font standard data management to ensure that in the implementation of this standard data Consistency and correctness, authorizing the transfer of data related to the use of font issues, to maintain the standard font data, updating and revision of unity the responsibility of the focal point.

The method represents bitmap fonts

6.1 Grid

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

The standard provides 16 dot matrix (refer to the letter box) font, which is a lateral grid 16 grid, 38 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

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

Pagba text words graphic character bitmap fonts from a number of points placed within the grid set to represent. Pagba text "" in 16 dot matrix typeface Kublai body shown in Figure 2.

16 Dot matrix typeface 2 Pagba text "" Kublai body

6.4 dot matrix character height data this standard provides 151 Pagba Kublai body text font 16 dot character height data, see Appendix C.

7 Pagba text bitmap fonts 7.1 bitmap font data this standard provides 151 Pagba 16 dot matrix text Kublai body font data representation in Appendix D.

7.2 bitmap fonts

This standard is based on the provisions of GB 13000 offers 151 Pagba 16 dot matrix graphic character text Kublai body font as follows.

Appendix A

(Informative)

Kublai body

Yuan emperor Kublai Khan body is written edict fonts.

Appendix B

(Informative)

Pagba text graphic character code and the serial number data

151 Pagba text graphic character code and serial number data in this standard are as follows.

- a) 56 Ge Pagba text on behalf of the character code. A840 ~ A877 in the range;
- b) 95 Ge Pagba text appear deformed characters ID. in 0000 ~ 005E range.

Appendix C

(Informative)

Pagba 16 dot matrix text Kublai body font character height data Pagba text font is not high, each character has its own specific height. This standard provides 16 dot matrix text 151 Pagba Kublai body font character height data, including the name of the character dot font character height data in Table C.1, the deformation data show dot font character height See Table C.2.

Table C.1 Pagba text on behalf of the character dot font character height data

Code Code code is highly Code Code Code Height A840 12 A84A 13 A854 16 A85E 15
A868 13 A872 4 A841 17 A84B 15 A855 14 A85F 14 A869 15 A873 8 A842 18 A84C 16
A856 17 A860 16 A86A 16 A874 10 A843 14 A84D 14 A857 15 A861 10 A86B 13 A875 10
A844 14 A84E 16 A858 14 A862 12 A86C 15 A876 16 A845 17 A84F 15 A859 16 A863 14
A86D 15 A877 16 A846 14 A850 16 A85A 17 A864 24 A86E 17 A847 15 A851 16 A85B 15
A865 15 A86F 14 A848 15 A852 14 A85C 14 A866 12 A870 27 A849 16 A853 13 A85D 16
A867 13 A871 11

Table C.2 Pagba article appeared deformed character dot font character height data

Reference height Reference height Reference height Reference height Reference height
Reference height 0000 12001014002014 15004013005018 0030 0001 15001115002114
14004115005120 0031 0002 16001212002214 13004212005236 0032 0003
12001315002313 24004312005323 0033 0004 12001415002423 10004422005425 0034
0,005,150,015,140,025 9,003,590,045,130,055 14 0,006,140,016,140,026
9,003,612,004,611,005,615 0007 13001716002711 11004725005717 0037 0008
15001815002811 10004811005812 0038 0009 15001914002916 12004913005913 0039
000A 11 001A 13 002A 27 003A 9 004A 11 005A 15 000B 13 001B 12 002B 16 003B 11
004B 11 005B 15 000C 15 001C 14 002C 13 003C 12 004C 11 005C 12 000D 14 001D 15
002D 15 003D 23 004D 13 005D 25 000E 15 001E 14 002E 13 003E 11 004E 13 005E 10
000F 13 001F 14 002F 15 003F 13 004F 34 Appendix D (Normative) Pagba 16 dot matrix