

ICS 35.040
CCS L 71



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

GB 30875-2014

**Information technology - Universal multi-octet coded character
set - Phags-pa nominal characters and presentation forms. 32
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 32点阵字型
忽必烈体

(English Translation)

Issued on: September 3, 2014

Implemented on: July 1, 2015

Issued by: Standardization Administration of China

Table of Contents

Introduction
Introduction
1 Scope
2 Normative references
3 Terms and definitions
4 Pagba text graphic character
2 5 standard data management

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 32 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 32 bitmap fonts Kublai body

1 Scope

This standard specifies the GB 13000 in the name of the character and text Pagba deformed characters appear Kublai body 32 dot matrix 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 32 dot matrix (refer to the letter box) font, which is a lateral grid 32 grid, 75 longitudinal grid. The center of each square is defined as the point of Center position.

Raster Only constituting the lattice points are positioned 32 dot grid shown in Figure 1.

Figure 132 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 32 dot matrix typeface Kublai body shown in Figure 2.

32 Dot matrix typeface 2 Pagba text "" Kublai body

6.4 dot matrix character height data this standard provides 151 Pagba 32 dot matrix text Kublai body font character height data, see Appendix C.

7 Pagba text bitmap fonts 7.1 bitmap font data this standard provides 151 Pagba represent 32 dot matrix text Kublai body font data in Appendix D.

7.2 bitmap fonts

This standard is based on the provisions of GB 13000 offers 151 Pagba 32 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 32 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 32 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 24 A84A 25 A854 31 A85E 29
A868 28 A872 8 A841 30 A84B 30 A855 29 A85F 27 A869 30 A873 15 A842 31 A84C 29
A856 32 A860 30 A86A 29 A874 20 A843 28 A84D 28 A857 27 A861 18 A86B 25 A875 21
A844 27 A84E 28 A858 26 A862 27 A86C 30 A876 7 A845 31 A84F 29 A859 30 A863 26
A86D 27 A877 14 A846 32 A850 29 A85A 32 A864 32 A86E 31 A847 30 A851 32 A85B 24
A865 26 A86F 27 A848 30 A852 29 A85C 27 A866 23 A870 32 A849 29 A853 24 A85D 32
A867 25 A871 25

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 27001025002026 25004026005027 0030 0001 32001122002125
29004128005130 0031 0002 23001232002227 24004229005229 0032 0003
27001324002322 31004330005332 0033 0004 32001424002428 24004421005431 0034
0005 28001525002530 20004526005531 0035 0006 26001625002629 23004632005622
0036 0007 32001722002718 29004732005730 0037 0008 32001826002832
24004828005832 0038 0009 29001923002930 21004925005930 0039 000A 32 001A 23
002A 29 003A 24 004A 29 005A 29 000B 28 001B 29 002B 30 003B 28 004B 22 005B 32
000C 28 001C 28 002C 31 003C 27 004C 29 005C 32 000D 32 001D 30 002D 24 003D 25
004D 30 005D 18 000E 32 001E 28 002E 29 003E 25 004E 25 005E 18 000F 32 001F 24
002F 30 003F 27 004F 29 Appendix D (Normative) Pagba 32 dot matrix text Kublai body