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

GB 25901.1-2010

**Information technology -- Universal multiple-octet coded
character set -- Dehong Dai 32 dot matrix font -- Part 1: Yixiang
Bai Ti**

信息技术 通用多八位编码字符集 德宏傣文32点阵字型 第1部分：伊香白体
(English Translation)

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Foreword

All technical content in this section is mandatory.

GB 25901 "Information technology - Universal Multiple-Octet Coded Character Set Dehong Dai Language 32 bitmap fonts" is divided into the following sections.

--- Part 1. Ika white body;

--- Part 2. Ika bold.

This section is part of the 1 GB 25901.

This section is based on GB 13000 "Information technology - Universal Multiple-Octet Coded Character Set (UCS)" under the Dehong Dai language characters to me Standard fonts country Dai-speaking areas, based on the provisions of the Dehong Dai and design information system with 32 dot matrix text Ika white body font.

This section of the Appendices A and C are informative annex, Annex B is normative appendix.

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

Introduction

Authorization to use the relevant font data transfer matters, to maintain the standard font data, updating and revision of the responsibility of the unified centralized units.

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Information technology - Universal Multiple-Octet Coded Character Set Tai Le 32 bitmap fonts Part 1. Ika white body

1 Scope

GB 25901 of the provisions of this part of GB 13000 in Dehong Dai Language All 32 dot matrix graphic character lka white body font (see attached Record A).

This section applies to Dehong Dai language information processing system of display devices, dot matrix printing equipment can also be used for other related equipment.

2 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of this part. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this section, however, encourage the parties to this part of the research agreement Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 13000 Information technology - Universal Multiple-Octet Coded Character Set (UCS) (GB 13000-2010, ISO/IEC 10646:2003, IDT)

3 Terms and Definitions

The following terms and definitions apply to this section.

Font glyph

A recognizable abstract graphic symbol, it does not depend on any particular design.

Font font

It has set the same basic design glyph image.

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.

4 Priorities, bitmap fonts

This section according to GB 13000 in the Dehong Dai Language arrangement order of each dot matrix.

5 Standard data management

To strengthen the management of information technology products by the New Tai Lue standard font and font data, to ensure the implementation of the data in this section Consistency and correctness. Matters relating to the use of authorized transfer font data, the font standard data maintenance, updating and revision of the system A responsible

focal point.

The method represents bitmap fonts

6.1 Grid

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

The provisions of section 32 bitmap fonts, which is a lateral grid 32 grid, 32 longitudinal grid. The center of each square as the center point position.

Raster bitmap fonts only constitute points for positioning, 32 dot grid shown in Figure 1.

Figure 1 32 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

Dehong Dai language word bitmap fonts from a number of points placed within the grid set to represent. Dehong Dai language, "" 32 dot matrix Iraq Fragrant white body words shown in Figure 2.

Figure 2 Dehong Dai Language 32 dot matrix Ika white body words for ""

7 Bitmap fonts Dehong Dai Language

Word Count 7.1

This section according to GB 13000, provides a 35-character dot-matrix graphic Tai Le Ika white body font.

7.2 Dehong Dai language font data

Tai Le 32 dot font data representation, see Appendix B.

7.3 Dehong Dai Language 32 dot matrix font width data

Dehong Dai language is different width font, each character has its own specific width, this section provides 35 dot matrix Iraq Tai Le 32 Fragrant white body width font data, see Appendix C.

7.4 Dehong Dai language font table

GB 13000 35 32 Tai Le coded character dot matrix lka white body font as follows.

Appendix A

(Informative)

Dehong Dai language lka white body Dehong Dai Wen dot font selection criteria in this section lka white body, a natural form of the font, all that is beautiful, good visual effects, etc.

Features. This font can be used in text books, but also for the title and others.

Appendix B

(Normative)

Tai Le 32 dot matrix font data Dehong Dai Language represents B.1 dot font data this section, Dehong Dai language font data can be represented by a dot. Each dot font data is 32 x 32 (dots x rampage Columns points) of 1024 bits, 128 bytes.

Recording format B.2 Tai Le dot font data Tai Le 32 dot matrix 128 bytes of font data and order of a 0 byte to 127 bytes ends, all with hexadecimal Notation, its record format is as follows.

Number of columns

Rows

0 1 2 3 4 5. 6. 7 0 1 2 3 4 5,670,123,456,701,234,567

00 Byte 1 Byte 2 Byte 3 Byte 31124 bytes 125 bytes to 126 bytes to 127 bytes

Example B.3 32 dot matrix font data 1950 1964 196B 196D 0,000,000,063,000,000
 6,300,000,000,000,000 0,000,000,037,800,000 3,780,000,000,000,000 00 00 00 00 3B 80
 00 00 3B 80 00 00 00 00 00 00 0,000,000,031,800,000 3,180,000,000,000,000
 0,000,000,031,800,000 3,180,000,000,000,000 0,000,000,031,800,000
 3,180,000,000,000,000 0,000,000,031,800,000 3,180,000,000,000,000
 0,000,000,031,800,000 3,180,000,000,000,000 0,000,000,031,800,000
 3,180,000,000,000,000 0,000,000,033,800,000 3,180,000,000,000,000
 0,380,000,037,800,000 3,180,000,003,100,000
 07 C0 00 00 35 80 00 00 31 80 00 00 03 98 00 00 0C C0 00 00 3D 80 00 00 31 80 00 00
 17 98 00 00 18 60 00 00 39 80 00 00 31 80 00 00 3D 98 00 00 7,860,000,039,800,000
 3,180,000,049,980,000 30 60 00 00 39 80 00 00 31 80 00 00 01 F8 00 00 00 30 00 00 39
 80 00 00 31 80 00 00 01 B0 00 00 0,030,000,039,800,000 3,180,000,001,800,000 00 18 00
 00 3D 80 00 00 31 80 00 00 01 80 00 00 0,018,000,037,800,000 3,180,000,003,000,000
 0,010,000,013,000,000 3,100,000,006,000,000 0,000,000,000,000,000