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

GB 25902.4-2010

**Information technology -- Universal multiple-octet coded
character set -- New Xishuang Banna Dai 32 dot matrix font --
Part 4: Wennuanfei Hei Ti**

信息技术 通用多八位编码字符集 西双版纳新傣文32点阵字型 第4部分：温暖菲黑
体

(English Translation)

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Foreword

All technical content in this section is mandatory.

GB 25902 "Information technology - Universal Multiple-Octet Coded Character Set New Tai Lue 32 bitmap fonts" divided into the following sections.

- Part 1. Hehan white body;
- Part 2. Hehan blackbody;
- Part 3. Philippine warm white body;
- Part 4. warm Philippines bold.

This section is part of the 4 GB 25902.

This section is based on GB 13000 "Information technology - Universal Multiple-Octet Coded Character Set (UCS)" under the Xishuangbanna Dai new text Fu, Dai language in our region-specific font based on the design and provision of Xishuangbanna Dai new text message system with 32 dot matrix.

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 New Tai Lue 32
bitmap fonts Part 4. warm blackbody Philippines

1 Scope

This section specifies the GB 25902 GB New Tai Lue 13,000 in all 32 dot matrix graphic character warm Philippines boldface type (See Appendix A).

This section applies to the New Tai Lue 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

(3.1) with the same set of image-shaped basic design.

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 of the New Tai Lue are arranged in 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 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

New Tai Lue typeface bitmap fonts from a number of points placed within the grid set to represent. New Tai Lue "" 32 dot matrix warm words in bold Philippine shown in Figure 2.

Words 2 New Tai Lue 32 dot matrix warm Philippines blackbody for "" New Tai Lue 7 bitmap fonts Word Count 7.1 this section according to GB 13000, provides warm lattice 83 New Tai Lue graphic character Philippine bold type.

7.2 New Tai Lue font data

New Tai Lue 32 dot font data representation, see Appendix B.

7.3 New Tai Lue 32 dot matrix font width data

New Tai Lue is unequal width font, each character has its own specific width, this section provides 83 new Xishuangbanna Tai Lue 32 dot matrix warm Philippines boldface type width data, see Appendix C.

7.4 New Tai Lue font table

GB 13000 83 32 New Tai Lue coded character dot matrix warm Philippines boldface type as follows.

Appendix A

(Informative)

New Tai Lue warm blackbody Philippines New Tai Lue dot font selection criteria in this section warm Philippines blackbody form of the body has a natural symmetry, beauty, visual effects Good fruit characteristics. Currently, the font standard font Xishuangbanna newspaper typesetting system, widely used in the Xishuangbanna area, by the masses Love and welcome. The fonts can be used in text books, but also for the title and others.

Appendix B

(Normative)

New Tai Lue 32 dot matrix font data Represents B.1 New Tai Lue dot font data this section, the New Tai Lue font data can be represented by a dot. Each dot font data is 32 x 32 (transverse Points x columns points) of 1024 bits, 128 bytes.

Recording format B.2 New Tai Lue dot font data 128 byte order over the New Tai Lue 32 dot font data is 0 bytes to 127 bytes beginning the end, all with Hex, 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 31124125126127

Example B.3 32 dot matrix font data 1981 198C 198E 1992 00 00 00 00 07 C0 00 00 00 00

00 00 00 00 00 00 00 00 00 00 00 00 1F F0 00 00 00 00 00 00 00 00 00 00

0,000,000,038,300,000 0,000,000,000,000,000 0,000,000,030,180,000

0,000,000,000,000,000 0,060,000,060,100,000 0,000,000,000,000,000

0,060,000,060,000,000 0,000,000,000,000,000

00 F0 00 00 60 00 00 00 00 00 00 00 00 00 00 00 0,198,000,060,000,000

0,000,000,000,000,000 07 0E 00 00 60 00 00 00 00 00 00 00 00 00 00 00 00

0,204,000,060,000,000 0,000,000,000,000,000 0,000,000,060,000,000

0,000,000,000,000,000 0E 1F 00 00 6F C0 00 00 0F 0F 80 00 0F C0 00 00 3F BF C0 00

7F F0 00 00 3F DF E0 00 3F F0 00 00

71 E0 C0 00 70 30 00 00 30 F0 60 00 30 30 00 00