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

GB 25902.5-2014

**Information technology -- Universal multiple-octet coded
character set -- New Xishuang Banna Dai 32 dot matrix font --
Part 5: Fahang 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5部分：法杭体
(English Translation)

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Foreword

All technical content in this Part of GB 25902 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 blackbody;

--- Part 5. Hang law body;

--- Part 6. Large black body warm Philippines;

--- Part 7. Leda Bi body;

This section is part of the 5 GB 25902.

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

This section based on GB 13000 "Information technology - Universal Multiple-Octet Coded Character Set (UCS)" under the New Tai Lue character, in our region-specific font Dai language designed based on the provisions of the New Tai Lue and information system with 32 dot matrix.

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

This section drafted by. China Electronics Standardization Institute, Yunnan minority language guide Working Committee Office, Yunnan Province Xishuangbanna Minority

Languages guidance committee, Xishuangbanna newspaper, Weifang Beida Jade Bird Huaguang Phototypesetting Limited.

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.

Address. Andingmen East Street, Dongcheng District No. 1 (Beijing 1101 mailbox) Zip Code. 100007 Tel. 010-64007689 010-84029173 Fax. 010-64007681 E-mail. citss@cesi.ac.cn Information technology - Universal Multiple-Octet Coded Character Set New Tai Lue 32 bitmap fonts Part 5. Hang law body

1 Scope

This section specifies the GB 25902 GB New Tai Lue 13,000 in all graphic character dot matrix method Hang body 32 (see Appendix A) fonts.

This section applies to the New Tai Lue information processing system input, processing, output devices, 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

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 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 method shown in Figure 2 the words Hang body.

Figure 2 New Tai Lue 32 dot matrix method Hang body word for ""

New Tai Lue 7 bitmap fonts Word Count 7.1 this section according to GB 13000, provides 83 New Tai Lue graphic character dot matrix method Hang body font.

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 wide data word

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

7.4 New Tai Lue font table

GB 13000 83 New Tai Lue 32 dot matrix character encoding method Hang body font as follows.

Appendix A

(Informative)

New Tai Lue law Hang body New Tai Lue dot standard font selection method in this section Hang body. Hang law, namely acid pod, France Hang body means "sour pod 'body. this Pod shape such as acids, with generous, full, rounded features, powerful strokes capable, accounting for Tai Lue calligraphy fonts important seat. The fonts in the West Xishuangbanna, Menglian and Southeast Asia widely used and very popular and welcome. The fonts can be used in text books, but also for the title and other aspects.

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 bytes of the New Tai Lue 32 dot font data and order of a 0 byte to 127 bytes end, all Hexadecimal, recording format shown in Table B.1.

Record Format Table B.1 New Tai Lue dot font data Rows Number of columns 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 1981 198C 1998 1992 00000000 1E000000 00000000
00000000 00000000 3F000000 00000000 00000000 0,000,000,061,800,000 00000000
00000000 0,100,000,040,800,000 00000000 00000000 0,100,000,040,800,000 00000000
00000000 1,110,000,040,800,000 00000000 00000000 1,390,000,040,800,000 00000000
00000000 0EE00000 40000000 00000000 00000000 0,000,000,040,000,000 00000000
00000000 0,000,000,040,000,000 00000000 00000000 38E00000 5F000000 38E00000
1F000000 3DF00000 7F800000 3DE00000 3F800000 4,710,000,060,800,000
4,510,000,020,800,000 4,208,000,040,400,000 4,210,000,040,400,000