

Universal Multiple-Octet Coded Character Set
International Organization for Standardization
Organisation internationale de normalisation
Международная организация по стандартизации

Doc Type: Working Group Document

Title: Proposal to encode the Kazakh TENGE SIGN in the UCS

Source: Michael Everson

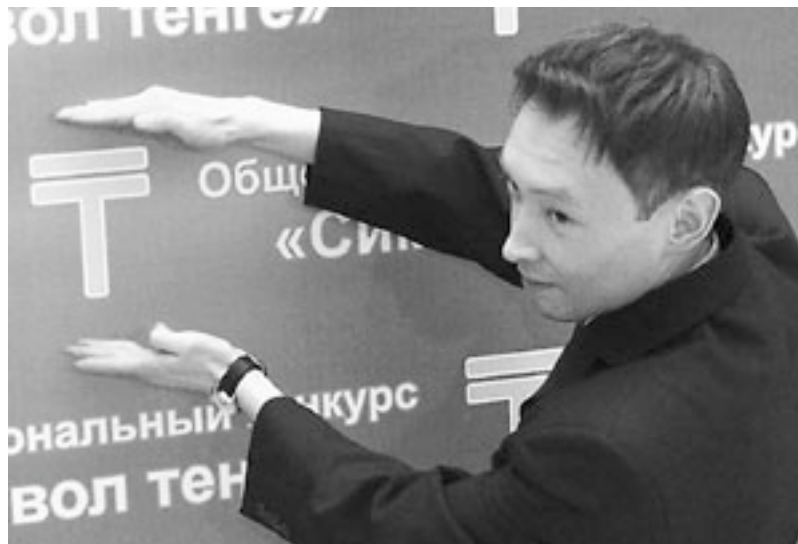
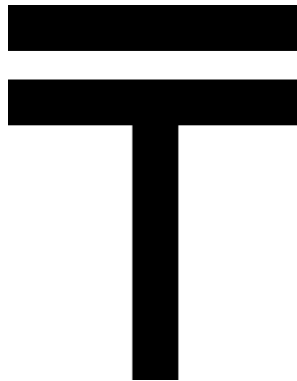
Status: Individual Contribution

Action: For consideration by JTC1/SC2/WG2 and UTC

Date: 2008-03-06

On 2006-10-31 The National Bank of Kazakhstan initiated a contest to design a currency symbol for the *tenge* (*теңге*). The contest ran until 2007-03-01, and on 2007-03-21 the winning design was announced. At the bottom of this page the winning designer, Sanžar Amerxanov, is shown. His prize was T150,000 (€950).

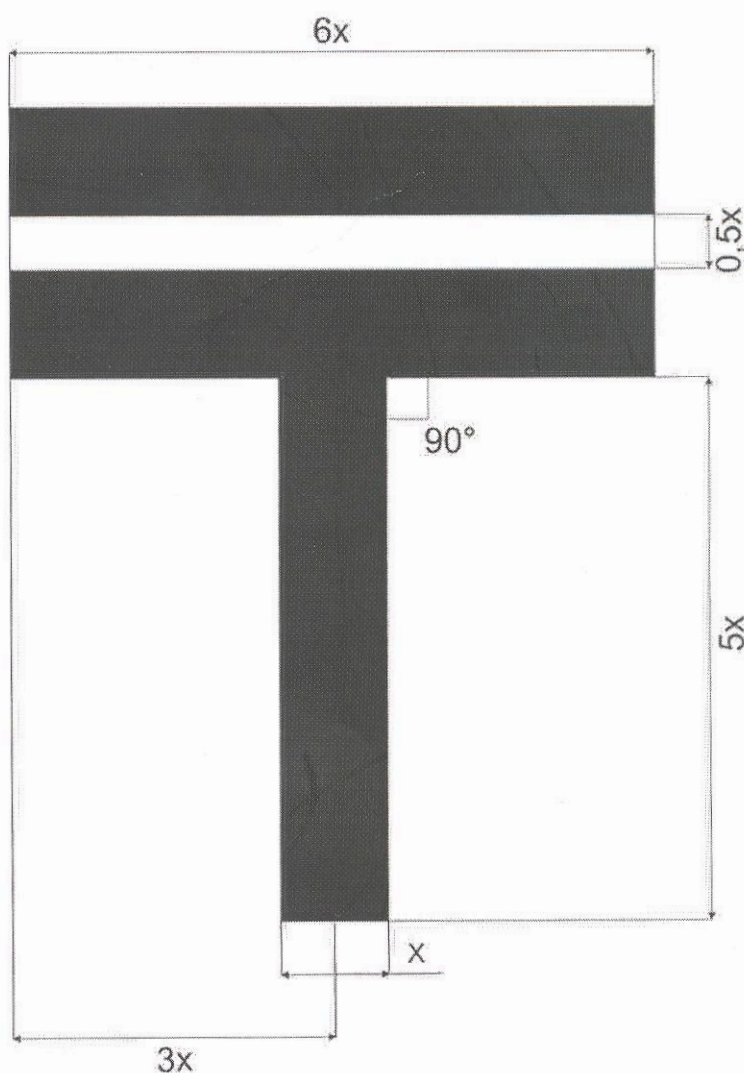
As with the EURO SIGN and the HRYVNIA SIGN, encoding of the TENGE SIGN would seem to be a matter of some urgency. The Kazakh Wikipedia recommends that users of Windows and Linux use U+3012 POSTAL MARK and that users of MS DOS use U+2564 BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE. Obviously neither of these characters is suitable for representing the actual currency sign.



Техническое (графическое) описание символа тенге

Символ тенге представляет собой букву «Т» с дополнительной горизонтальной чертой над ней.

За базовое значение вычисления размеров символа берется любое значение X , которое составляет ширину линий. Длина вертикальной черты составляет $5X$, к ней примыкает под углом 90 градусов горизонтальная линия длиной $6X$. Расстояние от левого и правого края горизонтальной линии до середины вертикальной одинаковое и составляет $3X$. Над горизонтальной линией параллельно располагается вторая горизонтальная линия того же размера. Края первой и второй горизонтальной линии находятся на одних прямых. Расстояние между двумя горизонтальными линиями равняется $0,5X$.



Technical (graphic) description of the tenge symbol

The tenge symbol represents the letter “T” with an additional horizontal feature above it. For any value X determining the line width a base value can be made for the calculation of the size of the symbol. The long vertical length is $5X$, to which a horizontal line $6X$ long adjoins at an angle of 90 degrees. The distance from the left left to the right edge of the horizontal line up to the middle vertical is $3X$, identical on both sides. Above the horizontal line a second horizontal line of the same size is parallel to it. The edges of the first and second horizontal line are aligned. The distance between two horizontal lines equals $0.5X$.

A. Administrative

1. Title

Proposal to encode the Kazakh TENGE SIGN in the UCS.

2. Requester's name

Michael Everson

3. Requester type (Member body/Liaison/Individual contribution)

Individual contribution.

4. Submission date

2008-03-06

5. Requester's reference (if applicable)

6. Choose one of the following:

6a. This is a complete proposal

Yes.

6b. More information will be provided later

No.

B. Technical -- General

1. Choose one of the following:

1a. This proposal is for a new script (set of characters)

No.

Proposed name of script

1b. The proposal is for addition of character(s) to an existing block

Yes.

1b. Name of the existing block

Currency Symbols.

2. Number of characters in proposal

1

3. Proposed category (see section II, Character Categories)

Category A.

4a. Proposed Level of Implementation (1, 2 or 3) (see clause 14, ISO/IEC 10646-1: 2000)

Level 1.

4b. Is a rationale provided for the choice?

Yes.

4c. If YES, reference

Spacing character.

5a. Is a repertoire including character names provided?

Yes.

5b. If YES, are the names in accordance with the character naming guidelines in Annex L of ISO/IEC 10646-1: 2000?

Yes.

5c. Are the character shapes attached in a legible form suitable for review?

Yes.

6a. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard?

Michael Everson.

6b. If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used:

Michael Everson, Fontographer.

7a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?

No.

7b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?

Yes.

8. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?

No.

9. Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at <http://www.unicode.org> for such information on other scripts. Also see Unicode Character Database <http://www.unicode.org/Public/UNIDATA/UnicodeCharacterDatabase.html> and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

The character should have the same properties as other currency signs.

C. Technical -- Justification

1. Has this proposal for addition of character(s) been submitted before? If YES, explain.

No.

2a. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)?

No.

2b. If YES, with whom?

2c. If YES, available relevant documents

3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included?

Kazakhs, numismatists, and general use.

4a. The context of use for the proposed characters (type of use; common or rare)

To represent the tenge currency in monetary amounts.

4b. Reference

5a. Are the proposed characters in current use by the user community?

Yes.

5b. If YES, where?

In Kazakhstan.

6a. After giving due considerations to the principles in Principles and Procedures document (a WG 2 standing document) must the proposed characters be entirely in the BMP?

Yes. Position U+20B8 is proposed.

6b. If YES, is a rationale provided?

Yes.

6c. If YES, reference

Keep with other currency signs.

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?

8a. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?

No.

8b. If YES, is a rationale for its inclusion provided?

8c. If YES, reference

9a. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters?

No.

9b. If YES, is a rationale for its inclusion provided?

9c. If YES, reference

10a. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character?

No.

10b. If YES, is a rationale for its inclusion provided?

10c. If YES, reference

11a. Does the proposal include use of combining characters and/or use of composite sequences (see clauses 4.12 and 4.14 in ISO/IEC 10646-1: 2000)?

No.

11b. If YES, is a rationale for such use provided?

11c. If YES, reference

12a. Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?

No.

12b. If YES, reference

13a. Does the proposal contain characters with any special properties such as control function or similar semantics?

No.

13b. If YES, describe in detail (include attachment if necessary)

14a. Does the proposal contain any Ideographic compatibility character(s)?

No.

14b. If YES, is the equivalent corresponding unified ideographic character(s) identified?