

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 TURKISH LIRA SIGN in the UCS

Source: Michael Everson

Status: Individual Contribution

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

Date: 2012-04-17

The Turkish Lira Sign. In March 2012 the Türkiye Cumhuriyet Merkez Bankası announced the creation of a currency symbol for the *Turkish Lira*. The winning designer was Tülay Lale, shown below.

As with the EURO SIGN, HRYVNIA SIGN, TENGE SIGN, and INDIAN RUPEE SIGN, the encoding of the TURKISH LIRA SIGN would seem to be a matter of some urgency. Code position U+20BA is proposed for the encoding.



Here is an image of Turkish Central Bank officials announcing the new currency sign.



The currency sign seems to have been taken up relatively quickly. In this picture, a shopkeeper has drawn it on a placard. Evidently he felt the need to write TL next to it due to the similarity of the TURKISH LIRA SIGN to the EURO SIGN.

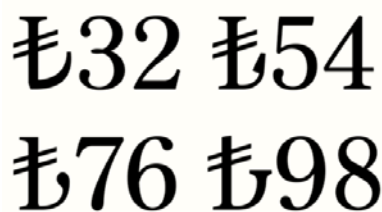


The shape of the currency sign has been specified to represent an anchor based on the shape of the LATIN LETTER L, and it is likely that many fonts will take the Latin capital letter as the starting point for design, to harmonize with European digits and other currency signs.

Here are several of the competing designs for the TURKISH LIRA SIGN.



Here are several drafts made by typographer Craig Eliason with possible shapes for the new currency sign to harmonize with a serified text font:



An example using a Times-like font is given below, to the far right, next to the encoded LIRA SIGN.



A UCS codepoint assignment for this character is urgent. Already at least one font has been published which puts the character's glyph at U+00A8 DIAERESIS.

8. Unicode Character Properties.

20BA;TURKISH LIRA SIGN;Sc;0;ET;;;;N;;;;

A. Administrative

1. Title

Proposal to encode the TURKISH LIRA SIGN in the UCS

2. Requester's name

Michael Everson

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

Individual contribution.

4. Submission date

2012-04-17

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?

People in Turkey and elsewhere.

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

To represent the Turkish lira currency in monetary amounts.

4b. Reference

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

No.

5b. If YES, where?

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+20BA 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?