Title: Proposal to Encode Section Marks for Sharada
Source: Script Encoding Initiative (SEI)
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Status: Liaison Contribution
Action: For consideration by UTC and WG2
Date: 2012-09-30

1 Introduction

This is a proposal to encode two new characters in the Sharada block of the Universal Character Set (ISO/IEC 10646). Properties of the proposed characters are:
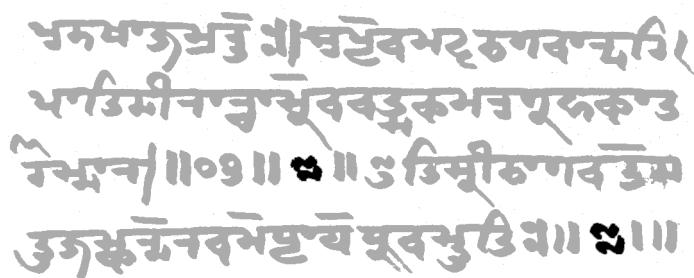
GLYPH	CODE	CHARACTER NAME	GC	CCC	BIDI	MIRRORED	LINEBREAK
≈	111DD	SHARADA SECTION MARK-1	Po	0	L	N	AL
⌃	111DE	SHARADA SECTION MARK-2	Po	0	L	N	AL

These characters were identified in the original proposal to encode Sharada (N3595 L2/09-074R2: 8), but they were not included in the proposed repertoire on account of insufficient details regarding their usage.
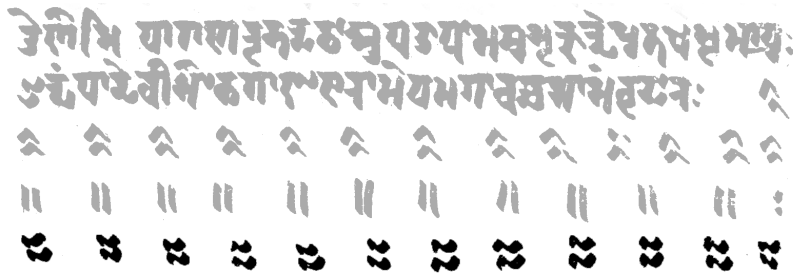
2 Description

2.1 ≈ SHARADA SECTION MARK-1

This mark is used for indicating the end of a text section:
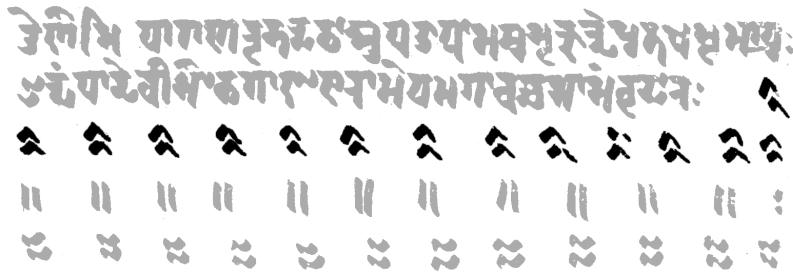
The below illustrates repeated usage of the mark:
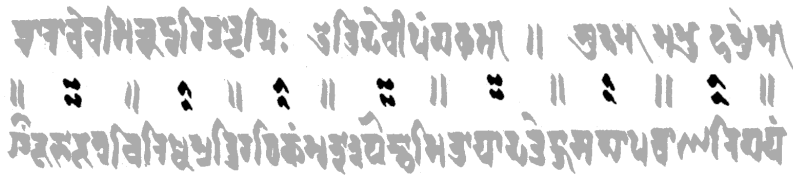
2.2 ⩙ SHARADA SECTION MARK-2

This mark is used for indicating the end of a text section. The excerpt below shows serial usage of the mark:

Below, the end of section is indicated using an alternating pattern of ≈ SHARADA SECTION MARK-1 and ⩙ SHARADA SECTION MARK-2:

3   References

Pandey, Anshuman. 2009. "Proposal to Encode the Sharada Script in ISO/IEC 10646". N3595 L2/09-074R2. August 5, 2009. http://std.dkuug.dk/JTC1/SC2/WG2/docs/n3595.pdf

4   Acknowledgments

ISO/IEC JTC 1/SC 2/WG 2
PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS
FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646[1]
Please fill all the sections A, B and C below.
Please read Principles and Procedures Document (P & P) from http://www.dkuug.dk/JTC1/SC2/WG2/docs/principles.html **for guidelines and details before filling this form.**
Please ensure you are using the latest Form from http://www.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html**.**
See also http://www.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html **for latest** *Roadmaps.*

A. Administrative

1. **Title:**   *Proposal to Encode Section Marks for Sharada*
2. Requester's name: *Script Encoding Initiative (SEI) / Anshuman Pandey (pandey@umich.edu)*
3. Requester type (Member body/Liaison/Individual contribution):   *Liaison contribution*
4. Submission date: *2012-09-30*
5. Requester's reference (if applicable):
6. Choose one of the following:
       This is a complete proposal: *Yes*
       (or) More information will be provided later:

B. Technical – General

1. Choose one of the following:
       a. This proposal is for a new script (set of characters):
           Proposed name of script:
       b. The proposal is for addition of character(s) to an existing block: *Yes*
           Name of the existing block: *Sharada*
2. Number of characters in proposal: *2*
3. Proposed category (select one from below - see section 2.2 of P&P document):
   A-Contemporary   *X*   B.1-Specialized (small collection)   B.2-Specialized (large collection)
   C-Major extinct   D-Attested extinct   E-Minor extinct
   F-Archaic Hieroglyphic or Ideographic   G-Obscure or questionable usage symbols
4. Is a repertoire including character names provided?   *Yes*
       a. If YES, are the names in accordance with the "character naming guidelines"
           in Annex L of P&P document?   *Yes*
       b. Are the character shapes attached in a legible form suitable for review?   *Yes*
5. Fonts related:
       a. Who will provide the appropriate computerized font to the Project Editor of 10646 for publishing the standard?
           Anshuman Pandey
       b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.):
           Anshman Pandey (pandey@umich.edu)
6. References:
       a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?   *Yes*
       b. Are published examples of use (such as samples from newspapers, magazines, or other sources)
       of proposed characters attached?   *Yes*
7. Special encoding issues:
       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)?   *Yes*

8. Additional Information:
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/reports/tr44/) and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

C. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before?   *No*
    If YES explain

2. 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*
        If YES, with whom?
        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?   *Yes*
    Reference: *There is an active community of Sharada specialists*

4. The context of use for the proposed characters (type of use; common or rare)   *Common*
    Reference: *The marks are commonly used in manuscripts*

5. Are the proposed characters in current use by the user community?   *Yes*
    If YES, where?   Reference: *Used by specialists studying the Sharada script*

6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely
    in the BMP?   *N/A*
        If YES, is a rationale provided?
           If YES, reference:

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

8. Can any of the proposed characters be considered a presentation form of an existing
    character or character sequence?   *No*
        If YES, is a rationale for its inclusion provided?
           If YES, reference:

9. Can any of the proposed characters be encoded using a composed character sequence of either
    existing characters or other proposed characters?   *No*
        If YES, is a rationale for its inclusion provided?
           If YES, reference:

10. Can any of the proposed character(s) be considered to be similar (in appearance or function)
    to, or could be confused with, an existing character?   *No*
        If YES, is a rationale for its inclusion provided?
           If YES, reference:

11. Does the proposal include use of combining characters and/or use of composite sequences?   *No*
    If YES, is a rationale for such use provided?
        If YES, reference:
    Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?
        If YES, reference:

12. Does the proposal contain characters with any special properties such as
    control function or similar semantics?   *No*
        If YES, describe in detail (include attachment if necessary)

13. Does the proposal contain any Ideographic compatibility characters?   *No*
    If YES, are the equivalent corresponding unified ideographic characters identified?
        If YES, reference: