

Proposal to encode the END OF TEXT MARK for Malayalam

Srinidhi A
srinidhi.pinkpetals24@gmail.com

Sridatta A
sridatta.jamadagni@gmail.com

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1 Introduction

This is a proposal to encode the following character in the 'Malayalam block in the BMP:

Glyph	Code	Character name
	0D53	MALAYALAM END OF TEXT MARK

2 Description

The END OF TEXT MARK is written at the end of texts, sections and documents. It signifies the completion of the text or document. The proposed character is primarily employed in handwritten manuscripts.

3 Choice of glyph

There are minor variants in shapes of glyph in some manuscripts. However all have common features like Oval/circular shape and loops. These should be considered are glyphic variants.

4 Character Data

4.1 Unicode character data: UnicodeData.txt

0D53; MALAYALAM END OF TEXT MARK;Po;0;L;;;;N;;;;;

4.2 Linebreak data: LineBreak.txt

0D53;BA # MALAYALAM END OF TEXT MARK

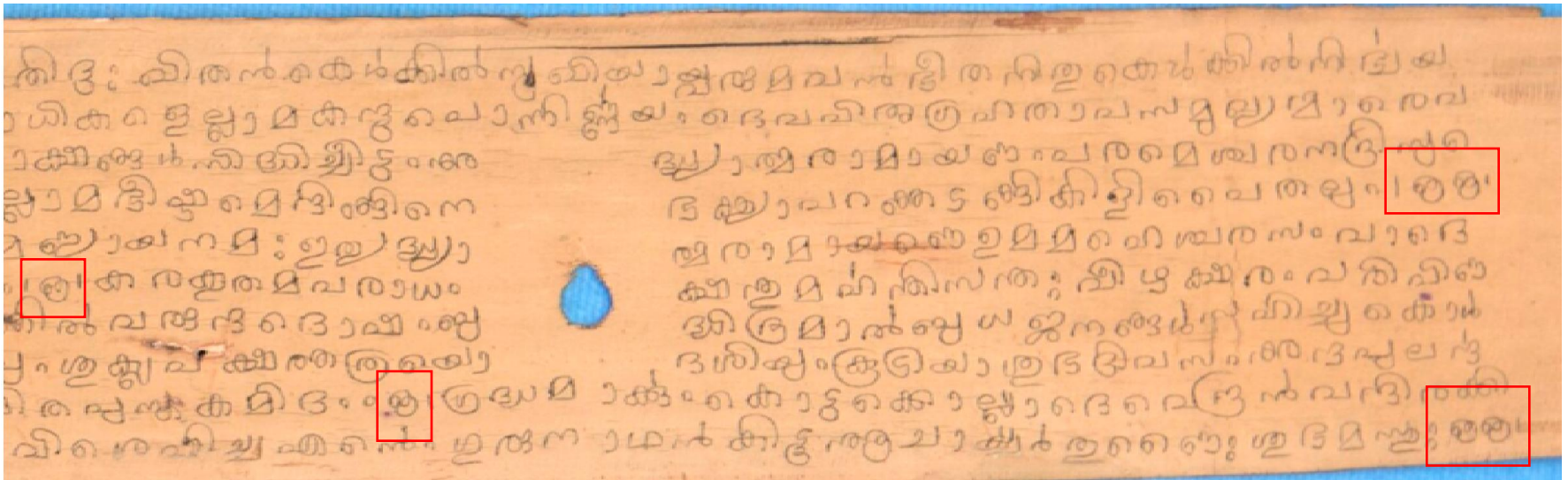


Figure 1. Adhyātmārāmāyaṇa (from EAP729/1/1/1 of Endangered Archives Programme).

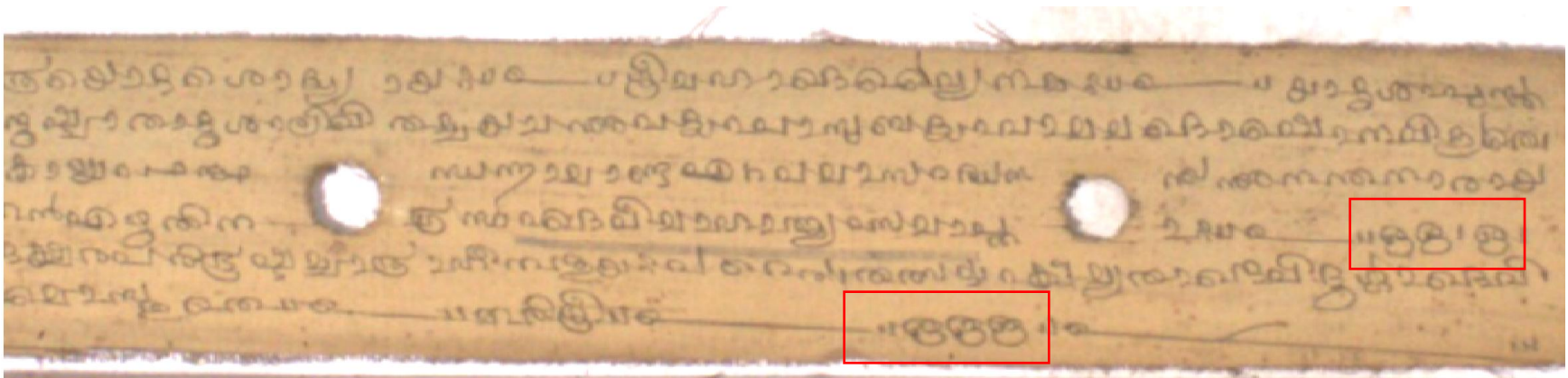


Figure 2. Devimāhātmya (from EAP584/1/8 of Endangered Archives Programme).

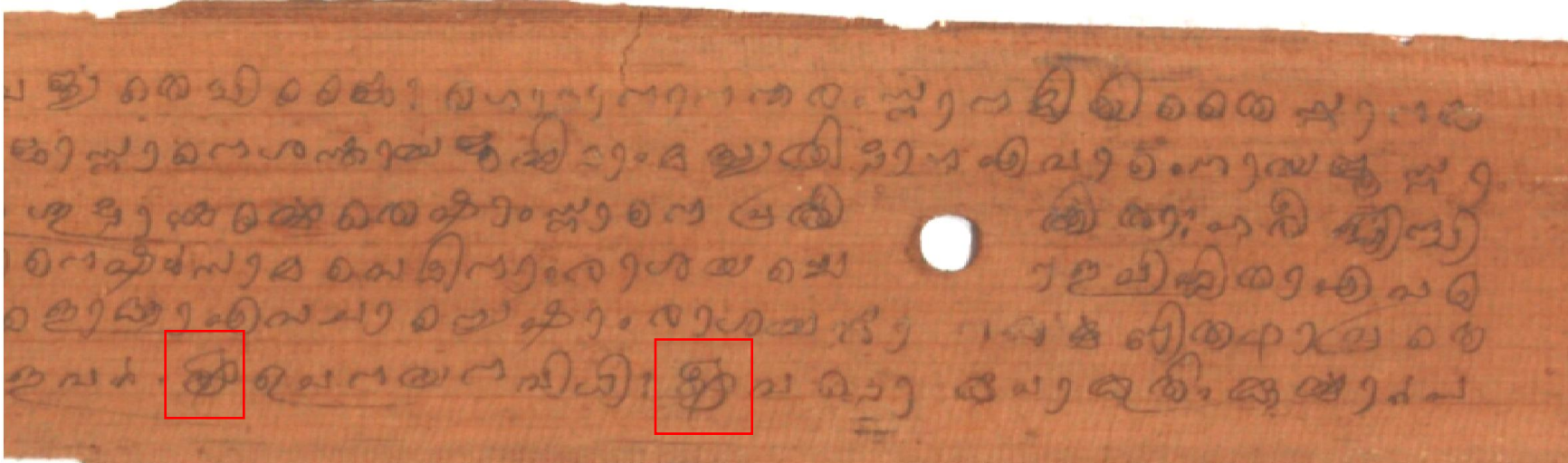


Figure 3. Ācarāsaṃgraha (from EAP208/4/31 of Endangered Archives Programme).

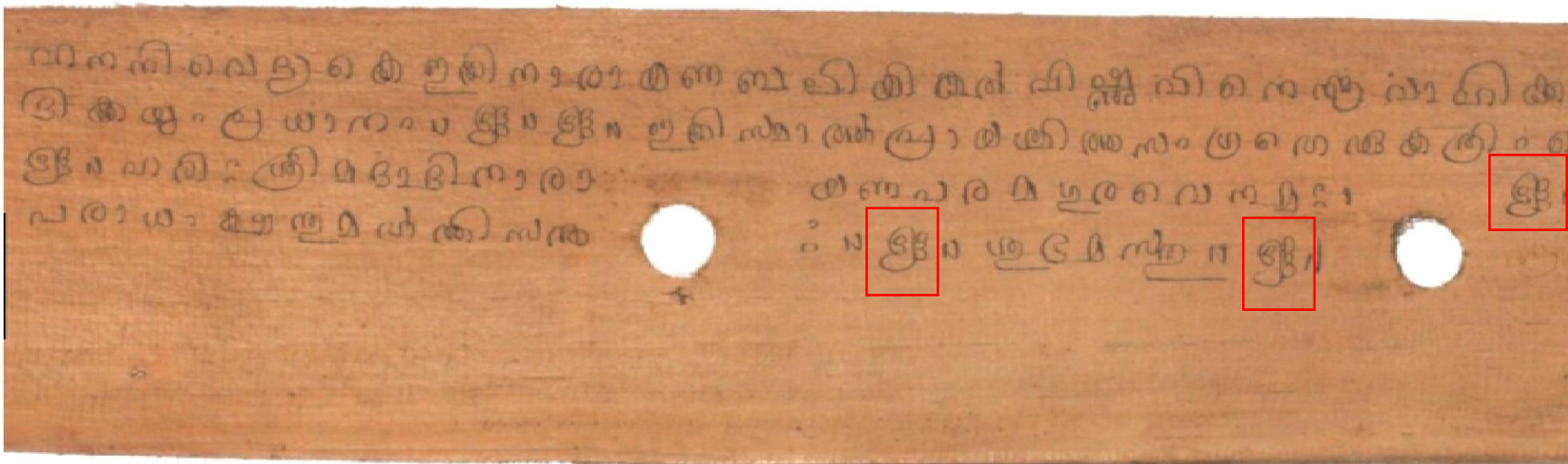


Figure 4. Prāyaścitta (from EAP208/15/2 of Endangered Archives Programme).

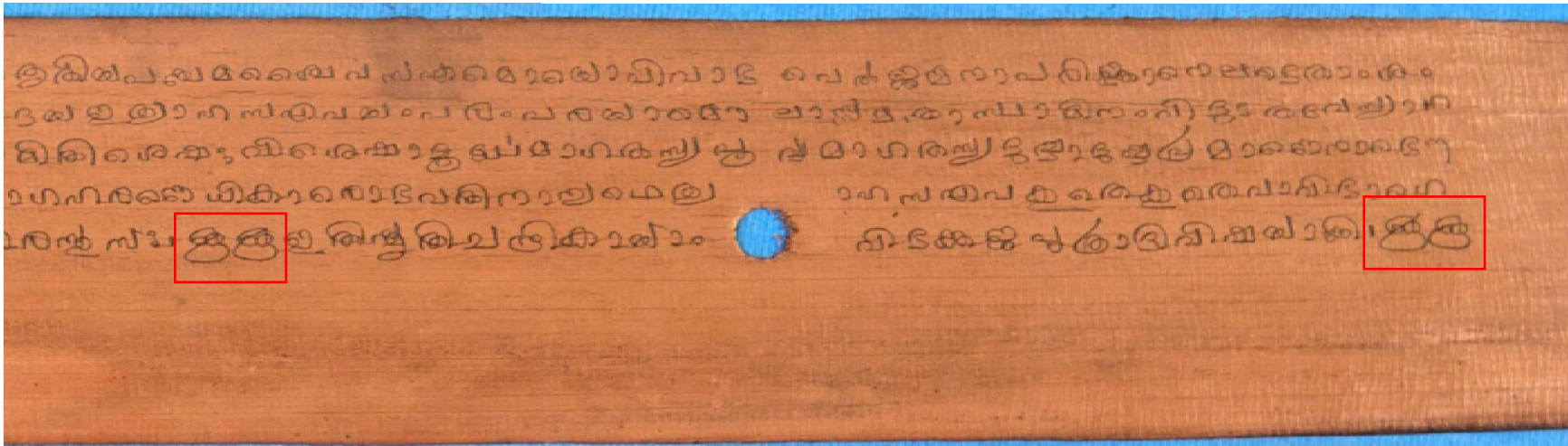


Figure 5. Smṛti candrikā (from EAP729/1/1/117 of Endangered Archives Programme).

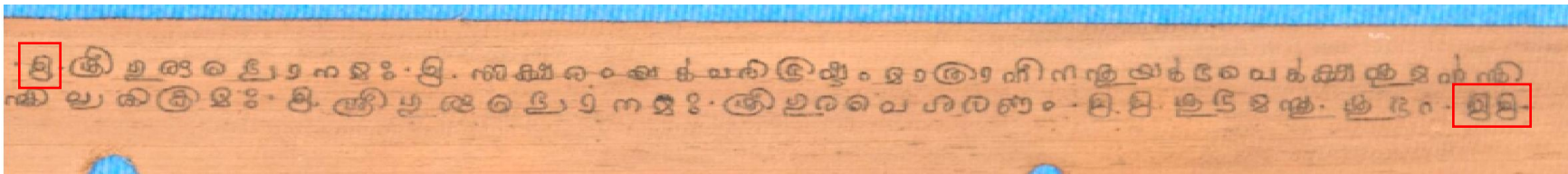


Figure 6. Lilāvātī (from EAP729/1/1/10 of Endangered Archives Programme).

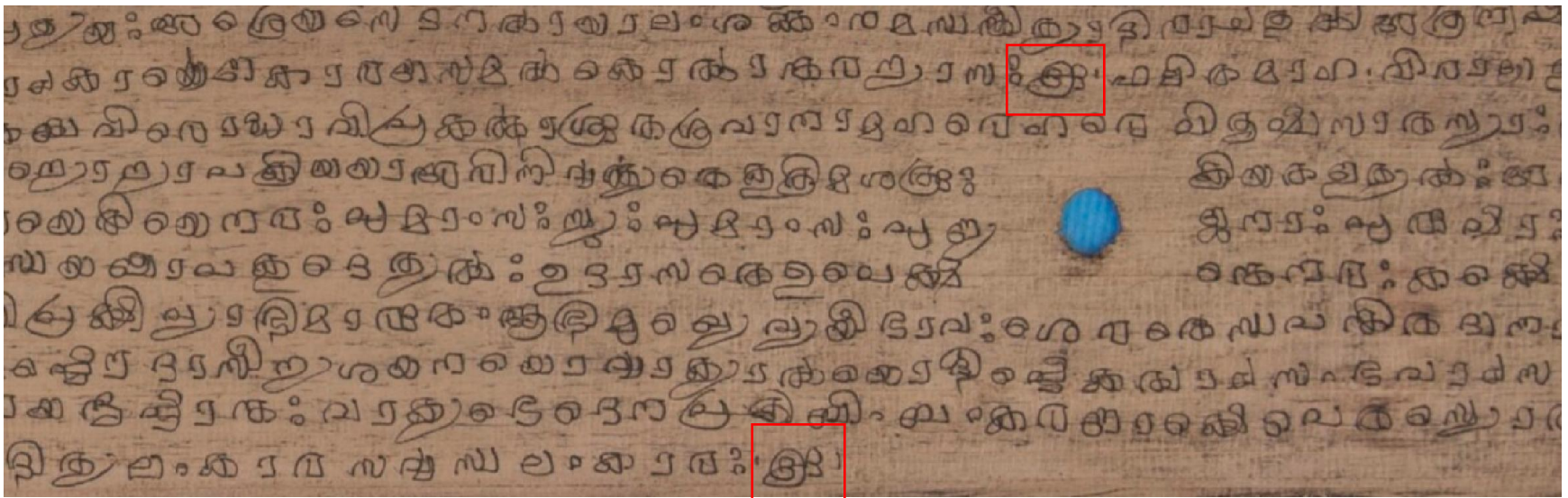


Figure 7. Śiśupālavadhānam (from EAP729/1/1/50 of Endangered Archives Programme).

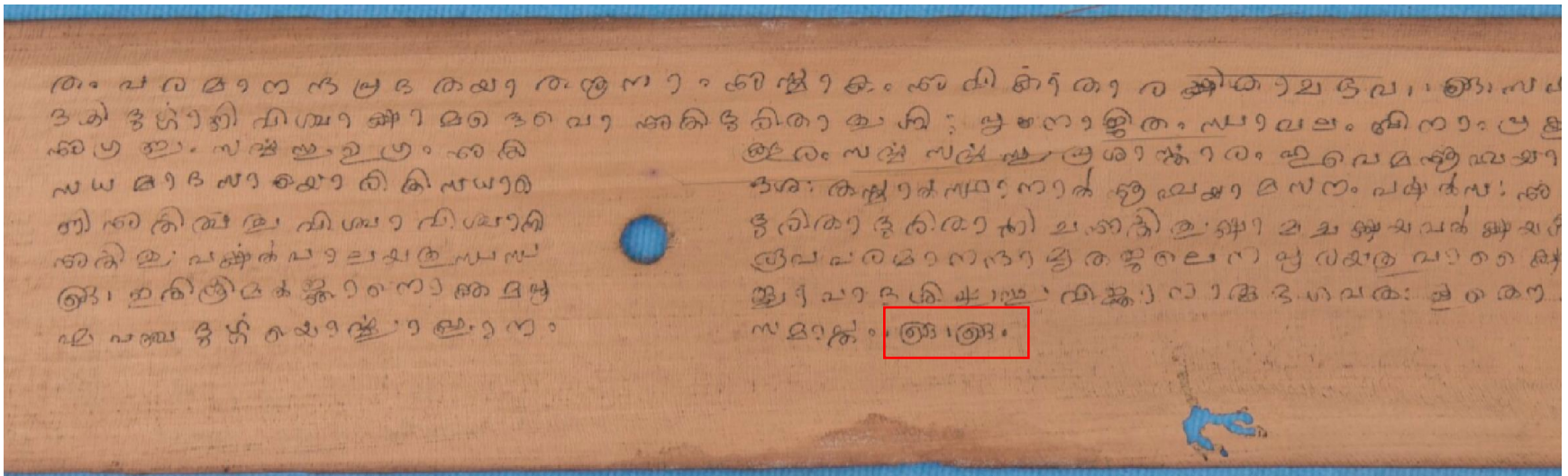


Figure 8. Pañcabrahma pañcadurgayorvyākhyānam (from EAP729/1/1/49 of Endangered Archives Programme).

ISO/IEC JTC 1/SC 2/WG 2

PROPOSAL SUMMARY FORM TO ACCOMPANY SUBMISSIONS

FOR ADDITIONS TO THE REPERTOIRE OF ISO/IEC 10646¹

Please fill all the sections A, B and C below.

Please read Principles and Procedures Document (P & P) from <http://std.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://std.dkuug.dk/JTC1/SC2/WG2/docs/summaryform.html>.

See also <http://std.dkuug.dk/JTC1/SC2/WG2/docs/roadmaps.html> for latest *Roadmaps*.

A. Administrative

1. Title:	<i>Proposal to encode the END OF TEXT MARK for Malayalam</i>
2. Requester's name:	<i>Srinidhi A and Sridatta A</i>
3. Requester type (Member body/Liaison/Individual contribution):	<i>Individual contribution</i>
4. Submission date:	<i>January 7, 2018</i>
5. Requester's reference (if applicable):	
6. Choose one of the following:	
This is a complete proposal:	<i>Yes</i>
(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:	<i>Yes</i>	
Name of the existing block:	<i>Malayalam</i>	
2. Number of characters in proposal:	<i>1</i>	
3. Proposed category (select one from below - see section 2.2 of P&P document):		
A-Contemporary <input type="checkbox"/>	B.1-Specialized (small collection) <input type="checkbox"/>	B.2-Specialized (large collection) <input checked="" type="checkbox"/>

¹ Form number: N4502-F (Original 1994-10-14; Revised 1995-01, 1995-04, 1996-04, 1996-08, 1999-03, 2001-05, 2001-09, 2003-11, 2005-01, 2005-09, 2005-10, 2007-03, 2008-05, 2009-11, 2011-03, 2012-01)

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?

Srinidhi A

b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.):

Srinidhi A, srinidhi.pinkpetals24@gmail.com

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

See the text of proposal.

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?	N/A
Reference:	
4. The context of use for the proposed characters (type of use; common or rare)	rare
Reference:	
5. Are the proposed characters in current use by the user community?	No
If YES, where? Reference:	
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP?	Yes
If YES, is a rationale provided?	Yes
If YES, reference:	Malayalam is in BMP.
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?	
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: [REDACTED]	
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?	<i>No</i>
If YES, is a rationale for its inclusion provided?	
If YES, reference: [REDACTED]	
11. Does the proposal include use of combining characters and/or use of composite sequences?	<i>No</i>
If YES, is a rationale for such use provided?	
If YES, reference: [REDACTED]	
Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?	
If YES, reference: [REDACTED]	
12. Does the proposal contain characters with any special properties such as	
control function or similar semantics?	<i>No</i>
If YES, describe in detail (include attachment if necessary)	
[REDACTED]	
13. Does the proposal contain any Ideographic compatibility characters?	<i>No</i>
If YES, are the equivalent corresponding unified ideographic characters identified?	
If YES, reference: [REDACTED]	