

**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>Proposals for New Script – Tamil-Latin(TL) Script for Indian Languages including Tamil and then world languages, in Tamil Block (0B80 – 0BFF)</i>		
2. Requester's name:	<i>A.R.Amaithi Anantham</i>		
3. Requester type (Member body/Liaison/Individual contribution):	<i>Individual Contribution</i>		
4. Submission date:	<i>07.05.2015</i>		
5. Requester's reference (if applicable):			
6. Choose one of the following:			
This is a complete proposal:	<i>Complete</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):	<i>Yes</i>		
Proposed name of script:	<i>Tamil-Latin (TL) Script</i>		
b. The proposal is for addition of character(s) to an existing block:			
Name of the existing block:	<i>Tamil Block (0B80 – 0BFF)</i>		
2. Number of characters in proposal:	<i>52</i>		
3. Proposed category (select one from below - see section 2.2 of P&P document):			
A-Contemporary	<i>A</i>	B.1-Specialized (small collection)	
C-Major extinct		D-Attested extinct	
F-Archaic Hieroglyphic or Ideographic		B.2-Specialized (large collection)	
		E-Minor extinct	
		G-Obscure or questionable usage symbols	
4. Is a repertoire including character names provided?	<i>Yes</i>		
a. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?	<i>Enclosures (A)</i>		
b. Are the character shapes attached in a legible form suitable for review?	<i>Yes</i>		
5. Fonts related:			
a. Who will provide the appropriate computerized font to the Project Editor of 10646 for publishing the standard?	<i>National Body C – DAC</i>		
b. Identify the party granting a license for use of the font by the editors (include address, e-mail, ftp-site, etc.):	<i>webmaster@cdac.in; webinfo@cdac.in</i>		
6. References:			
a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?	<i>All Scripts of world</i>		
b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached?	<i>No</i>		
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)?	<i>Yes</i>		
	<i>Vide Enclosure (A, B.1, B.2, C and D)</i>		

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.

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. Technical - Justification

1. Has this proposal for addition of character(s) been submitted before? If YES explain	No
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.)? If YES, with whom? If YES, available relevant documents:	Yes <i>The Government of India</i>
3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included? Reference:	<i>World Community</i>
4. The context of use for the proposed characters (type of use; common or rare) Reference:	<i>Common Use</i>
5. Are the proposed characters in current use by the user community? If YES, where? Reference:	No
6. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP? If YES, is a rationale provided? If YES, reference:	Yes Yes <i>Replaces existing scripts with Tamil-Latin, in the long run</i>
7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?	Yes
8. Can any of the proposed characters be considered a presentation form of an existing character or character sequence? If YES, is a rationale for its inclusion provided? If YES, reference:	No
9. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters? If YES, is a rationale for its inclusion provided? If YES, reference:	No
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? If YES, is a rationale for its inclusion provided? If YES, reference:	No
11. Does the proposal include use of combining characters and/or use of composite sequences? 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:	No
12. Does the proposal contain characters with any special properties such as control function or similar semantics? If YES, describe in detail (include attachment if necessary)	No
13. Does the proposal contain any Ideographic compatibility characters? If YES, are the equivalent corresponding unified ideographic characters identified? If YES, reference:	No

INTRODUCTION

Proposals for New Script – Tamil-Latin (TL) Script for Indian Languages including Tamil and then world languages, in Tamil Block (0B80 – 0BFF)

The English language finds its strength on account of the efficient computing skill, which was possible due to All Character Encoding (ACE), by allotting 52 code points for 26 characters, in ASCII and making it a part of Unicode. But English suffers a lot due its pronunciation spelling deficiency.

The computing skill of English will be maintained since the redesign of vowel signs will be advantageous, due to their simplicity, compactness, and elegance, in eliminating the major deficiency of English language and other Latin based languages of the world.

In this computer era, International Script for all world languages is the need of the hour, just like International Numerical System, now in use, by the world community, in all world languages.

All the world languages may perhaps have to move to an International Script, on the literary part of Script. The Tamil Latin (TL) Script may serve the purpose, in as much as the major deficiency of pronunciation-spelling in English is nullified, by introducing these new vowel signs.

Each and every word in English should be rewritten, as per pronunciation put forth, in OXFORD dictionary. This process will definitely upgrade the English Language.

Similarly the other languages such as other Western languages and Eastern languages will get optimum number of alphabets, duly reducing or increasing suitably the number of alphabets, in their languages by adopting Tamil Latin (TR) Script.

Enclosure A
Code Chart for Tamil Latin, in Tamil Block

	0B8	0B9	0BA	0BB	0BC	0BD	0BE	0BF
0	ஃ	ஐ	ஂ	ர	ஃ	ஓம்	ஃ	ஃ
1	ஃ	ஃ	Vacant	ற	ஃ	ஃ	ஃ	ஃ
2	Tamil sign anusvara	ஓ	A	ல	ஃ	ஃ	ஃ	ஃ
3	::	ஓ	ண	ள	O	ஃ	ஃ	ஃ
4	ஃ	ஓள	த	ழ	ஃ	ஃ	ஃ	ஃ
5	அ	க	A	வ	Au	ஃ	ஃ	ஃ
6	ஆ	ஃ	Vacant	ஸ	ஃ	ஃ	0	யு
7	இ	Vacant	I	ஷ	ஃ	Tamil AU Length Mark	ஃ	ஃ
8	ஈ	ஃ	ந	ஸ	ஃ	ஃ	ஃ	ஃ
9	உ	ங	ன	ஹ	h	ஃ	ஃ	ஃ
A	ஊ	ச	ப	U	ஃ	ஃ	ஃ	ஃ
B	ஃ	ஃ	ஃ	E	ஃ	ஃ	ஃ	ஃ
C	ஃ	ஐ	Vacant	E	ஃ	ஃ	ஃ	ஃ
D	ஃ	ஃ	U	Ai	ஃ	ஃ	ஃ	ஃ
E	எ	ஞ	ம	ஃ	ஃ	ஃ	ஃ	ஃ
F	ஏ	iiiiinviiii L	ய	ஃ	ஃ	ஃ	ஃ	B
	0B8	0B9	0BA	0BB	0BC	0BD	0BE	0BF

Enclosure A (contd)

0B80

Tamil

0BFF

Independent Vowels

(1) 0B80		TAMIL LATIN VOWEL SIGN AA
(2) 0B81		TAMIL LATIN VOWEL SIGN I
(3) 0B84		TAMIL LATIN VOWEL SIGN II
(4) 0B8B		TAMIL LATIN VOWEL SIGN U
(5) 0B8C		TAMIL LATIN VOWEL SIGN UU
(6) 0B8D		TAMIL LATIN VOWEL SIGN E
(7) 0B91		TAMIL LATIN VOWEL SIGN EE
(8) 0B96		TAMIL LATIN VOWEL SIGN AI
(9) 0B98		TAMIL LATIN VOWEL SIGN O
(10) 0B9B		TAMIL LATIN VOWEL SIGN OO
(11) 0B9D		TAMIL LATIN VOWEL SIGN AU
(12) 0BA0		Tamil LATIN Pulli

Consonants

(13) 0BA2	A	TAMIL-LLATIN LETTER A
(14) 0BA5	Ā	TAMIL-LATIN LETTER AA
(15) 0BA7	I	TAMIL-LATIN LETTER I
(16) 0BAB	Ī	TAMIL-LATIN LETTER II
(17) 0BAD	U	TAMIL-LATIN LETTER U
(18) 0BBA	Ū	TAMIL-LATIN LETTER UU
(19) 0BBB	E	TAMIL-LATIN LETTER E
(20) 0BBC	Ē	TAMIL-LATIN LETTER EE
(21) 0BCD	Ai	TAMIL-LATIN LETTER AI
(22) 0BC3	O	TAMIL-LATIN LETTER O
(23) 0BC4	Ō	TAMIL-LATIN LETTER OO
(24) 0BC5	Au	TAMIL-LATIN LETTER AU
(25) 0BC9	h	TAMIL-LATIN SIGN AYUTHAM

Consonants

(26) 0BCE	Ḷ	TAMIL-LATIN LETTER K
(27) 0BCF	Ḷ	TAMIL-LATIN LETTER NG
(28) 0BD1	Ḷ	TAMIL-LATIN LETTER C
(29) 0BD2	Ḷ	TAMIL-LATIN LETTER NY
(30) 0BD3	Ḷ	TAMIL-LATIN LETTER TT
(31) 0BD4	Ḷ	TAMIL-LATIN LETTER NN
(32) 0BD5	Ḷ	TAMIL-LATIN LETTER T
(33) 0BD6	Ḷ	TAMIL-LATIN LETTER N
(34) 0BD8	Ḷ	TAMIL-LATIN LETTER P
(35) 0BD9	Ḷ	TAMIL-LATIN LETTER M
(36) 0BDA	Ḷ	TAMIL-LATIN LETTER Y
(37) 0BDB	Ḷ	TAMIL-LATIN LETTER R
(38) 0BDC	Ḷ	TAMIL-LATIN LETTER L
(39) 0BDD	Ḷ	TAMIL-LATIN LETTER V
(40) 0BDE	Ḷ	TAMIL-LATIN LETTER LLL
(41) 0BDF	Ḷ	TAMIL-LATIN LETTER LL
(42) 0BE0	Ḷ	TAMIL-LATIN LETTER RR
(43) 0BE1	Ḷ	TAMIL-LATIN LETTER NNN
(44) 0BE2	Ḷ	TAMIL-LATIN LETTER S
(45) 0BE3	Ḷ	TAMIL-LATIN LETTER SS
(46) 0BE4	Ḷ	TAMIL-LATIN LETTER SH
(47) 0BE8	Ḷ	TAMIL-LATIN LETTER H
(48) 0BFB	Ḷ	TAMIL-LATIN LETTER G
(49) 0BFC	Ḷ	TAMIL-LATIN LETTER J
(50) 0BFD	Ḷ	TAMIL-LATIN LETTER DD
(51) 0BFE	Ḷ	TAMIL-LATIN LETTER D
(52) 0BFF	Ḷ	TAMIL-LATIN LETTER B

0B80Tamil
Vowels

(1) 0B813	ஃ	AYTHAM
(2) 0B85	அ	TAMIL LETTER A
(3) 0B86	ஆ	TAMIL LETTER AA
(4) 0B87	இ	TAMIL LETTER I
(5) 0B88	ஈ	TAMIL LETTER II
(6) 0B89	உ	TAMIL LETTER U

Consonants

(14) 0B95	க	TAMIL LETTER KA
(15) 0B99	ங	TAMIL LETTER NGA
(16) 0B9A	ச	TAMIL LETTER CA
(17) 0B9C	ஜ	TAMIL LETTER JA
(18) 0B9E	ஞ	TAMIL LETTER NYA
(19) 0B9F	ட	TAMIL LETTER TTA
(20) 0BA3	ண	TAMIL LETTER NNA
(21) 0BA4	த	TAMIL LETTER TA
(22) 0BA8	ந	TAMIL LETTER NA
(23) 0BA9	ன	TAMIL LETTER NNNA
(24) 0BAA	ப	TAMIL LETTER PA
(25) 0BAE	ம	TAMIL LETTER MA
(26) 0BAF	ய	TAMIL LETTER YA
(27) 0BB0	ர	TAMIL LETTER RA
(28) 0BB1	ற	TAMIL LETTER RRA
(29) 0BB2	ல	TAMIL LETTER LA
(30) 0BB3	ள	TAMIL LETTER LLA
(31) 0BB4	ழ	TAMIL LETTER LLLA
(32) 0BB5	வ	TAMIL LETTER VA
(33) 0BB6	ஸ	TAMIL LETTER SHA
(34) 0BB7	ஷ	TAMIL LETTER SSA
(35) 0BB8	ஸ	TAMIL LETTER SA
(36) 0BB9	ஶ	TAMIL LETTER HA
(37) 0BBE	ஃ	TAMIL VOWEL SIGN AA
(38) 0BBF	ஃ	TAMIL VOWEL SIGN I
(39) 0BC0	ஃ	TAMIL VOWEL SIGN II
(40) 0BC1	ஃ	TAMIL VOWEL SIGN U
(41) 0BC2	ஃ	TAMIL VOWEL SIGN UU
(42) 0BC6	ஃ	TAMIL VOWEL SIGN E
(43) 0BC7	ஃ	TAMIL VOWEL SIGN EE
(44) 0BC8	ஃ	TAMIL VOWEL SIGN AI
(45) 0BCA	ஃ	TAMIL VOWEL SIGN O
(46) 0BCB	ஃ	TAMIL VOWEL SIGN OO
(47) 0BCC	ஃ	TAMIL VOWEL SIGN AU
(48) 0BCD	ஃ	TAMIL SIGN VIRAMA

Tamil

(7) 0B8
(8) 0B8E
(9) 0B8F
(10) 0B90
(11) 0B92
(12) 0B93
(13) 0B94

ஊ
எ
ஏ
ஐ
ஓ
ஔ
ஔ

0BFF

TAMIL LETTER UU
TAMIL LETTER E
TAMIL LETTER EE
TAMIL LETTER AI
TAMIL LETTER O
TAMIL LETTER OO
TAMIL LETTER AU

Tamil Sign
(49) 0BD0
(50) 0BD7TAMIL OM
TAMILLENGTH MARKTamil Digit
(51) 0BE6

0

TAMIL DIGIT ZERO

(52) 0BE7

க

TAMIL DIGIT ONE

(53) 0BE8

உ

TAMIL DIGIT TWO

(54) 0BE9

ங

TAMIL DIGIT THREE

(55) 0BEA

ச

TAMIL DIGIT FOUR

(56) 0BEB

ஞ

TAMIL DIGIT FIVE

(57) 0BEC

க

TAMIL DIGIT SIX

(58) 0BED

எ

TAMIL DIGIT SEVEN

(59) 0BEE

அ

TAMIL DIGIT EIGHT

(60) 0BEF

க

TAMIL DIGIT NINE

Tamil numerals

(61) 0BF0 ஓ

TAMIL NUMBER TEN

(62) 0BF1 ஈ

TAMIL NUMBER ONE HUNDRED

(63) 0BF2 க

TAMIL NUMBER ONE THOUSAND

Tamil Symbols

(64) 0BF3

ஊ

TAMIL Day Sign

= naal

(65) 0BF4

மீ

TAMIL MONTH SIGN

= maatham

(66) 0BF5

ஊ

TAMIL Year Sign

= varudam

(67) 0BF6

பு

TAMIL DEBIT SIGN

= patru

(68) 0BF7

ஊ

TAMIL CREDIT SIGN

= varavu

(69) 0BF8

ஊ

TAMIL AS ABOVE SIGN

= merpadi

Currency Symbol

(70) 0BF9

₹

TAMIL RUPEE SIGN

= rupai

(71) 0BFA

TAMIL NUMBER SIGN

= enn

(72) 0B82

TAMIL ANUSVARA

Enclosure B.1
Revised InScript layout for Common Tamil Latin Script

அனைத்திற்கும் பொது Common for all	மேல் வரிசை Top row	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	தூக்கல் shift	~	!	@	#	\$	%	^	&	*	()	_	+	
	சாதாரண ordinary	IR	1	2	3	4	5	6	7	8	9	0	-	=	\

வரிசை row 1	1	2	3	4	5	6	7	8	9	10	11	12	
தூக்கல் shift	ஆE	Q	W	E	R	T	Y	U	I	O	P	{	}
	தT	hG	hJ	hD	hW	hB	h	hK	hC	hT	hQ	hP	/
சாதாரண ordinary	ஆE	q	W	e	r	t	y	u	i	o	p	[]
	தT	Au	Ai	Ā	Ī	Ū	Ī	Ī	Ī	Ī	Ī	Ī	;
வரிசை row 2	1	2	3	4	5	6	7	8	9	10	11		
தூக்கல் shift	ஆE	A	S	D	F	G	H	J	K	L	:	“	
	தT	Ś	Œ	Ŷ	Ĥ	≤	Ĕ	≥	Ĝ	Ŵ	Ĵ	Đ	
சாதாரண ordinary	ஆE	a	s	d	f	g	h	j	k	l	;	‘	
	தT	Ō	Ē	Ā	Ī	Ū	Ī	Ī	Ī	Ī	Ī	Ī	
வரிசை row 3	1	2	3	4	5	6	7	8	9	10			
தூக்கல் shift	ஆE	Z	X	C	V	B	N	M	<	>	?		
	தT	[]	{	}	:	“	‘	<	>	?		
சாதாரண ordinary	ஆE	z	x	c	v	b	n	m	,	.	/		
	தT	O	E	M	N	V	L	Y	,	.	Z		

Additional REVISED INSCRIPT^ Keyboard for Tamil-Latin Script

வரிசை row1	1	2	3	4	5	6	7	8	9	10	11	12
தூக்கல் shift	Q	W	E	R	T	Y	U	I	O	P	{	}
	Native Language numerals, various Symbols, Signs and Vowel Signs											
சாதாரண ordinary	q	W	e	r	t	y	u	i	o	p	[]
	o	ō	ē	ā	ī	ū	ī	ī	ī	ī	ī	ī
வரிசை row2	1	2	3	4	5	6	7	8	9	10	11	
தூக்கல் shift	A	S	D	F	G	H	J	K	L	:	“	
	Native Language numerals, various Symbols, Signs and Vowel Signs											
சாதாரண ordinary	a	s	d	f	g	h	j	k	l	;	‘	
	Native Language numerals, various Symbols, Signs and Vowel Signs											
வரிசை row3	1	2	3	4	5	6	7	8	9	10		
தூக்கல் shift	Z	X	C	V	B	N	M	<	>	?		
	Additional Mathematical Operators & Symbols											
சாதாரண ordinary	z	x	c	v	b	n	m	,	.	/		
	#	±	₣	π	©	∂	™	®	©		Σ	

Enclosure B.2

Sorting Order for Tamil Latin

2. Sorting order of Tamil Script after inclusion of 4 new characters

A Series; K Series > NG Series > C Series! > NJ Series > TT Series >

NN Series > T Series > N Series > P Series > M Series >

Y Series > R Series > L Series > V Series > LLL Series >

LL Series > RR Series > NNN Series > G Series > J Series > DD Series > D Series >

B Series > S SERIES > SH Series > SS Series > H Series > h >

Enclosure C
Positional Property of Vowel Signs

Sl.No	Code Point	Vowel Signs	Vowels	Positional Property	Status
1	0B80	◌̄	Ā	Top Middle	Working
2	0B81	◌̆	I	Top Middle	Working
3	0B84	◌̇	Ī	Top Middle	Working
4	0B8B	◌̈	U	Top Middle	Working
5	0B8C	◌̊	Ū	Top Middle	Working
6	0B8D	◌̅	E	Top Middle	Working
7	0B91	◌̆̅	Ē	Top Middle	Working
8	0B96	◌̆̇	AI	Top Middle	Working
9	0B98	◌̆̈	O	Top Middle	Working
10	0B9B	◌̆̊	ō	Top Middle	Working
11	0B9D	◌̆̅̈	AU	Top Middle	Working
12	0BA0	◌̆̇̅	Con	Top Middle	Working

Note: Before adding vowel sign to the consonant pulli is to removed first, so that the concerned vowel consonant is derived, as shown below:

$$\bar{k} = k - \text{◌̆} + \bar{\text{◌̆}}$$

Enclosure D

Unicode Character Named Sequences (UCNS) for Tamil-Latin Alphabets												
h	A	Ā	I	Ī	U	Ū	E	Ē	Ai	o	Ō	Au
0BC8	0BA2	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ķ	K	Ā	κ	Ķ	κ	Ķ	κ	Ķ	κ	Ķ	κ	Ķ
0BCE	0BC E	K	K	K	K	K	K	K	K	K	K	K
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
ƒ	F	Ā	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ	ƒ
0BCF	0BCF	F	F	F	F	F	F	F	F	F	F	F
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
ċ	c	Ā	ċ	ċ	ċ	ċ	ċ	ċ	ċ	ċ	ċ	ċ
0BD1	0BD1	c	c	c	c	c	c	c	c	c	c	c
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Δ	Δ	Ā	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
0BD2	0BD2	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
ṭ	T	Ā	ṭ	ṭ	ṭ	ṭ	ṭ	ṭ	ṭ	ṭ	ṭ	ṭ
0BD3	0BD3	T	T	T	T	T	T	T	T	T	T	T
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
ṇ	π	Ā	ṇ	ṇ	ṇ	ṇ	ṇ	ṇ	ṇ	ṇ	ṇ	ṇ
0BD4	0BD4	π	π	π	π	π	π	π	π	π	π	π
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
ṙ	q	Ā	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ
0BD5	0BD5	q	q	q	q	q	q	q	q	q	q	q
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
ṅ	N	Ā	ṅ	ṅ	ṅ	ṅ	ṅ	ṅ	ṅ	ṅ	ṅ	ṅ
0BD6	0BD6	N	N	N	N	N	N	N	N	N	N	N
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
ṙ	P	Ā	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ
0BD8	0BD8	P	P	P	P	P	P	P	P	P	P	P
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
ṁ	M	Ā	ṁ	ṁ	ṁ	ṁ	ṁ	ṁ	ṁ	ṁ	ṁ	ṁ
0BD9	0BD9	M	M	M	M	M	M	M	M	M	M	M
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
ṙ	Y	Ā	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ	ṙ
0BDA	0BD A	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5

Unicode Character Named Sequences (UCNS) for Tamil-Latin Alphabets												
Ṛ	R	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BDB	0BD B	R	R	R	R	R	R	R	R	R	R	R
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	R	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BDC	0BD C	L	L	L	L	L	L	L	L	L	L	L
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	v	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BDD	0BD D	v	v	v	v	v	v	v	v	v	v	v
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	z	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BDE	0BD E	z	z	z	z	z	z	z	z	z	z	z
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	ʌ	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BDF	0BDF	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ	ʌ
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	я	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BE0	0BE0	я	я	я	я	я	я	я	я	я	я	я
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	и	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BE1	0BE1											
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	s	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BE2	0BE2	s	s	s	s	s	s	s	s	s	s	s
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	ʒ	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BE3	0BE3	ʒ	ʒ	ʒ	ʒ	ʒ	ʒ	ʒ	ʒ	ʒ	ʒ	ʒ
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	x	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BE4	0BE4	x	x	x	x	x	x	x	x	x	x	x
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	h	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BE5	0BE5	h	h	h	h	h	h	h	h	h	h	h
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	G	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BFB	0BFB	G	G	G	G	G	G	G	G	G	G	G
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ṛ	J	Ṙ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ	Ṛ
0BFC	0BFC	J	J	J	J	J	J	J	J	J	J	J
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5

Unicode Character Named Sequences (UCNS) for Tamil-Latin Alphabets												
Ḑ	D	Ḑ̄	Ḑ́	Ḑ̂	Ḑ̀	Ḑ̃	Ḑ̄	Ḑ̅	Ḑ̆	Ḑ̇	Ḑ̈	Ḑ̉
0BFD	0BFD	D	D	D	D	D	D	D	D	D	D	D
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5
Ḑ̇	W	Ḑ̇̄	Ḑ̇́	Ḑ̇̂	Ḑ̇̀	Ḑ̇̃	Ḑ̇̄	Ḑ̇̅	Ḑ̇̆	Ḑ̇̇	Ḑ̇̈	Ḑ̇̉
0BFE	0BFE	W	W	W	W	W	W	W	W	W	W	W
Ḑ̇̉	B	Ḑ̇̉̄	Ḑ̇̉́	Ḑ̇̉̂	Ḑ̇̉̀	Ḑ̇̉̃	Ḑ̇̉̄	Ḑ̇̉̅	Ḑ̇̉̆	Ḑ̇̉̇	Ḑ̇̉̈	Ḑ̇̉̉
0BFF	0BFF	B	B	B	B	B	B	B	B	B	B	B
	0BA0	0BA5	0BA7	0BAB	0BAD	0BBA	0BBB	0BBC	0BBD	0BC3	0BC4	0BC5

Note: UCNS is most important aspect to be implemented strictly by software venders to achieve computing skill for Tamil Latin (TL) Script with the aid of positional property etc. Otherwise deficiencies will occur.