

Date: 2008-03-21

**ISO/IEC JTC1/SC2/WG2
Coded Character Set
Secretariat: Japan (JISC)**

Doc. Type: Input to ISO/IEC 10646

Title: Representation of Ogham Space, Tamil named sequences

Source: UTC/US NB

Project: JTC1 02.10646

Status: For review by WG2

Date: 2008-03-21

Distribution: WG2

Reference:

Medium:

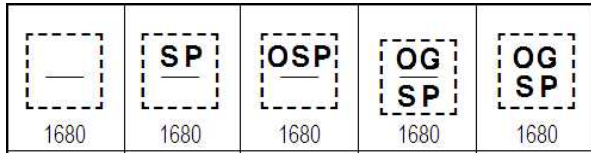
Ogham Space

ISO/IEC 10646 currently defines the following space characters (clause 20.1):

<u>Code</u>	<u>Name</u>
0020	SPACE
00A0	NO-BREAK SPACE
1680	OGHAM SPACE MARK
180E	MONGOLIAN VOWEL SEPARATOR
2000	EN QUAD
2001	EM QUAD
2002	EN SPACE
2003	EM SPACE
2004	THREE-PER-EM SPACE
2005	FOUR-PER-EM SPACE
2006	SIX-PER-EM SPACE
2007	FIGURE SPACE
2008	PUNCTUATION SPACE
2009	THIN SPACE
200A	HAIR SPACE
202F	NARROW NO-BREAK SPACE
205F	MEDIUM MATHEMATICAL SPACE
3000	IDEOGRAPHIC SPACE

With the exception of 1680 OGHAM SPACE MARK, all these characters are represented in the chart pages by dotted boxes enclosing an acronym abbreviating the character name. This by no mean indicates the expected representation of these characters in a font implementing the representation of these code positions. In most cases, a space is simply represented by a blank associated to an advance width which may possibly be influenced by text justification. Furthermore, these characters when located at the end of a line will usually not be rendered at all.

For consistency reason, the Ogham Space Mark glyph located in the chart should be revised to adhere to the same principles used for the other space characters. However, because a stem is typically represented in Ogham fonts, it may be desirable to preserve that feature in the representative glyph. The UTC and the US NB would consider any of the following glyphs with a preference for the fourth one.



Tamil Named Sequences

Tamil is less complex than some of the other Indic scripts, and both conceptually and in processing can be treated as an atomic set of elements: consonants, stand-alone vowels, and syllables. The following list shows these atomic elements, with the corresponding code positions. To facilitate implementation of Tamil it is desirable to provide them as named UCS Sequence Identifiers in clause 29 of the standard.

A visual display of these Tamil named sequences is available in the documentation for Unicode 5.1. See: <http://www.unicode.org/versions/Unicode5.1.0/>

TAMIL CONSONANT K; 0B95 0BCD	TAMIL SYLLABLE NGO; 0B99 0BCA
TAMIL CONSONANT NG; 0B99 0BCD	TAMIL SYLLABLE NGOO; 0B99 0BCB
TAMIL CONSONANT C; 0B9A 0BCD	TAMIL SYLLABLE NGAU; 0B99 0BCC
TAMIL CONSONANT NY; 0B9E 0BCD	
TAMIL CONSONANT TT; 0B9F 0BCD	TAMIL SYLLABLE CAA; 0B9A 0BBE
TAMIL CONSONANT NN; 0BA3 0BCD	TAMIL SYLLABLE CI; 0B9A 0BBF
TAMIL CONSONANT T; 0BA4 0BCD	TAMIL SYLLABLE CII; 0B9A 0BC0
TAMIL CONSONANT N; 0BA8 0BCD	TAMIL SYLLABLE CU; 0B9A 0BC1
TAMIL CONSONANT P; 0BAA 0BCD	TAMIL SYLLABLE CUU; 0B9A 0BC2
TAMIL CONSONANT M; 0BAE 0BCD	TAMIL SYLLABLE CE; 0B9A 0BC6
TAMIL CONSONANT Y; 0BAF 0BCD	TAMIL SYLLABLE CEE; 0B9A 0BC7
TAMIL CONSONANT R; 0BB0 0BCD	TAMIL SYLLABLE CAI; 0B9A 0BC8
TAMIL CONSONANT L; 0BB2 0BCD	TAMIL SYLLABLE CO; 0B9A 0BCA
TAMIL CONSONANT V; 0BB5 0BCD	TAMIL SYLLABLE COO; 0B9A 0BCB
TAMIL CONSONANT LLL; 0BB4 0BCD	TAMIL SYLLABLE CAU; 0B9A 0BCC
TAMIL CONSONANT LL; 0BB3 0BCD	
TAMIL CONSONANT RR; 0BB1 0BCD	TAMIL SYLLABLE NYAA; 0B9E 0BBE
TAMIL CONSONANT NNN; 0BA9 0BCD	TAMIL SYLLABLE NYI; 0B9E 0BBF
TAMIL CONSONANT J; 0B9C 0BCD	TAMIL SYLLABLE NYII; 0B9E 0BC0
TAMIL CONSONANT SH; 0BB6 0BCD	TAMIL SYLLABLE NYU; 0B9E 0BC1
TAMIL CONSONANT SS; 0BB7 0BCD	TAMIL SYLLABLE NYUU; 0B9E 0BC2
TAMIL CONSONANT S; 0BB8 0BCD	TAMIL SYLLABLE NYE; 0B9E 0BC6
TAMIL CONSONANT H; 0BB9 0BCD	TAMIL SYLLABLE NYEE; 0B9E 0BC7
TAMIL CONSONANT KSS; 0B95 0BCD 0BB7 0BCD	TAMIL SYLLABLE NYAI; 0B9E 0BC8
	TAMIL SYLLABLE NYO; 0B9E 0BCA
TAMIL SYLLABLE KAA; 0B95 0BBE	TAMIL SYLLABLE NYOO; 0B9E 0BCB
TAMIL SYLLABLE KI; 0B95 0BBF	TAMIL SYLLABLE NYAU; 0B9E 0BCC
TAMIL SYLLABLE KII; 0B95 0BC0	
TAMIL SYLLABLE KU; 0B95 0BC1	TAMIL SYLLABLE TTAA; 0B9F 0BBE
TAMIL SYLLABLE KUU; 0B95 0BC2	TAMIL SYLLABLE TTI; 0B9F 0BBF
TAMIL SYLLABLE KE; 0B95 0BC6	TAMIL SYLLABLE TTII; 0B9F 0BC0
TAMIL SYLLABLE KEE; 0B95 0BC7	TAMIL SYLLABLE TTU; 0B9F 0BC1
TAMIL SYLLABLE KAI; 0B95 0BC8	TAMIL SYLLABLE TTUU; 0B9F 0BC2
TAMIL SYLLABLE KO; 0B95 0BCA	TAMIL SYLLABLE TTE; 0B9F 0BC6
TAMIL SYLLABLE KOO; 0B95 0BCB	TAMIL SYLLABLE TTEE; 0B9F 0BC7
TAMIL SYLLABLE KAU; 0B95 0BCC	TAMIL SYLLABLE TTAI; 0B9F 0BC8
	TAMIL SYLLABLE TTO; 0B9F 0BCA
TAMIL SYLLABLE NGAA; 0B99 0BBE	TAMIL SYLLABLE TTOO; 0B9F 0BCB
TAMIL SYLLABLE NGI; 0B99 0BBF	TAMIL SYLLABLE TTAU; 0B9F 0BCC
TAMIL SYLLABLE NGII; 0B99 0BC0	
TAMIL SYLLABLE NGU; 0B99 0BC1	TAMIL SYLLABLE NNAA; 0BA3 0BBE
TAMIL SYLLABLE NGUU; 0B99 0BC2	TAMIL SYLLABLE NNI; 0BA3 0BBF
TAMIL SYLLABLE NGE; 0B99 0BC6	TAMIL SYLLABLE NNII; 0BA3 0BC0
TAMIL SYLLABLE NGENE; 0B99 0BC7	TAMIL SYLLABLE NNU; 0BA3 0BC1
TAMIL SYLLABLE NGAI; 0B99 0BC8	TAMIL SYLLABLE NNUU; 0BA3 0BC2

TAMIL SYLLABLE NNE; 0BA3 0BC6
TAMIL SYLLABLE NNEE; 0BA3 0BC7
TAMIL SYLLABLE NNAI; 0BA3 0BC8
TAMIL SYLLABLE NNO; 0BA3 0BCA
TAMIL SYLLABLE NNOO; 0BA3 0BCB
TAMIL SYLLABLE NNAU; 0BA3 0BCC

TAMIL SYLLABLE TAA; 0BA4 0BBE
TAMIL SYLLABLE TI; 0BA4 0BBF
TAMIL SYLLABLE TII; 0BA4 0BC0
TAMIL SYLLABLE TU; 0BA4 0BC1
TAMIL SYLLABLE TUU; 0BA4 0BC2
TAMIL SYLLABLE TE; 0BA4 0BC6
TAMIL SYLLABLE TEE; 0BA4 0BC7
TAMIL SYLLABLE TAI; 0BA4 0BC8
TAMIL SYLLABLE TO; 0BA4 0BCA
TAMIL SYLLABLE TOO; 0BA4 0BCB
TAMIL SYLLABLE TAU; 0BA4 0BCC

TAMIL SYLLABLE NAA; 0BA8 0BBE
TAMIL SYLLABLE NI; 0BA8 0BBF
TAMIL SYLLABLE NII; 0BA8 0BC0
TAMIL SYLLABLE NU; 0BA8 0BC1
TAMIL SYLLABLE NUU; 0BA8 0BC2
TAMIL SYLLABLE NE; 0BA8 0BC6
TAMIL SYLLABLE NEE; 0BA8 0BC7
TAMIL SYLLABLE NAI; 0BA8 0BC8
TAMIL SYLLABLE NO; 0BA8 0BCA
TAMIL SYLLABLE NOO; 0BA8 0BCB
TAMIL SYLLABLE NAU; 0BA8 0BCC

TAMIL SYLLABLE PAA; 0BAA 0BBE
TAMIL SYLLABLE PI; 0BAA 0BBF
TAMIL SYLLABLE PII; 0BAA 0BC0
TAMIL SYLLABLE PU; 0BAA 0BC1
TAMIL SYLLABLE PUU; 0BAA 0BC2
TAMIL SYLLABLE PE; 0BAA 0BC6
TAMIL SYLLABLE PEE; 0BAA 0BC7
TAMIL SYLLABLE PAI; 0BAA 0BC8
TAMIL SYLLABLE PO; 0BAA 0BCA
TAMIL SYLLABLE POO; 0BAA 0BCB
TAMIL SYLLABLE PAU; 0BAA 0BCC

TAMIL SYLLABLE MAA; 0BAE 0BBE
TAMIL SYLLABLE MI; 0BAE 0BBF
TAMIL SYLLABLE MII; 0BAE 0BC0
TAMIL SYLLABLE MU; 0BAE 0BC1
TAMIL SYLLABLE MUU; 0BAE 0BC2
TAMIL SYLLABLE ME; 0BAE 0BC6
TAMIL SYLLABLE MEE; 0BAE 0BC7
TAMIL SYLLABLE MAI; 0BAE 0BC8
TAMIL SYLLABLE MO; 0BAE 0BCA
TAMIL SYLLABLE MOO; 0BAE 0BCB
TAMIL SYLLABLE MAU; 0BAE 0BCC

TAMIL SYLLABLE YAA; 0BAF 0BBE
TAMIL SYLLABLE YI; 0BAF 0BBF
TAMIL SYLLABLE YII; 0BAF 0BC0
TAMIL SYLLABLE YU; 0BAF 0BC1
TAMIL SYLLABLE YUU; 0BAF 0BC2
TAMIL SYLLABLE YE; 0BAF 0BC6
TAMIL SYLLABLE YEE; 0BAF 0BC7
TAMIL SYLLABLE YAI; 0BAF 0BC8
TAMIL SYLLABLE YO; 0BAF 0BCA
TAMIL SYLLABLE YOO; 0BAF 0BCB
TAMIL SYLLABLE YAU; 0BAF 0BCC

TAMIL SYLLABLE RAA; 0BB0 0BBE
TAMIL SYLLABLE RI; 0BB0 0BBF
TAMIL SYLLABLE RII; 0BB0 0BC0
TAMIL SYLLABLE RU; 0BB0 0BC1

TAMIL SYLLABLE RUU; 0BB0 0BC2
TAMIL SYLLABLE RE; 0BB0 0BC6
TAMIL SYLLABLE REE; 0BB0 0BC7
TAMIL SYLLABLE RAI; 0BB0 0BC8
TAMIL SYLLABLE RO; 0BB0 0BCA
TAMIL SYLLABLE ROO; 0BB0 0BCB
TAMIL SYLLABLE RAU; 0BB0 0BCC

TAMIL SYLLABLE LAA; 0BB2 0BBE
TAMIL SYLLABLE LI; 0BB2 0BBF
TAMIL SYLLABLE LII; 0BB2 0BC0
TAMIL SYLLABLE LU; 0BB2 0BC1
TAMIL SYLLABLE LUU; 0BB2 0BC2
TAMIL SYLLABLE LE; 0BB2 0BC6
TAMIL SYLLABLE LEE; 0BB2 0BC7
TAMIL SYLLABLE LAI; 0BB2 0BC8
TAMIL SYLLABLE LO; 0BB2 0BCA
TAMIL SYLLABLE LOO; 0BB2 0BCB
TAMIL SYLLABLE LAU; 0BB2 0BCC

TAMIL SYLLABLE VAA; 0BB5 0BBE
TAMIL SYLLABLE VI; 0BB5 0BBF
TAMIL SYLLABLE VII; 0BB5 0BC0
TAMIL SYLLABLE VU; 0BB5 0BC1
TAMIL SYLLABLE VUU; 0BB5 0BC2
TAMIL SYLLABLE VE; 0BB5 0BC6
TAMIL SYLLABLE VEE; 0BB5 0BC7
TAMIL SYLLABLE VAI; 0BB5 0BC8
TAMIL SYLLABLE VO; 0BB5 0BCA
TAMIL SYLLABLE VOO; 0BB5 0BCB
TAMIL SYLLABLE VAU; 0BB5 0BCC

TAMIL SYLLABLE LLLAA; 0BB4 0BBE
TAMIL SYLLABLE LLLI; 0BB4 0BBF
TAMIL SYLLABLE LLLII; 0BB4 0BC0
TAMIL SYLLABLE LLLU; 0BB4 0BC1
TAMIL SYLLABLE LLLUU; 0BB4 0BC2
TAMIL SYLLABLE LLLLE; 0BB4 0BC6
TAMIL SYLLABLE LLLLEE; 0BB4 0BC7
TAMIL SYLLABLE LLLLAI; 0BB4 0BC8
TAMIL SYLLABLE LLLLO; 0BB4 0BCA
TAMIL SYLLABLE LLLLOO; 0BB4 0BCB
TAMIL SYLLABLE LLLLAU; 0BB4 0BCC

TAMIL SYLLABLE LLAA; 0BB3 0BBE
TAMIL SYLLABLE LLI; 0BB3 0BBF
TAMIL SYLLABLE LLII; 0BB3 0BC0
TAMIL SYLLABLE LLU; 0BB3 0BC1
TAMIL SYLLABLE LLUU; 0BB3 0BC2
TAMIL SYLLABLE LLE; 0BB3 0BC6
TAMIL SYLLABLE LLEE; 0BB3 0BC7
TAMIL SYLLABLE LLAI; 0BB3 0BC8
TAMIL SYLLABLE LLO; 0BB3 0BCA
TAMIL SYLLABLE LLOO; 0BB3 0BCB
TAMIL SYLLABLE LLAU; 0BB3 0BCC

TAMIL SYLLABLE RRAA; 0BB1 0BBE
TAMIL SYLLABLE RRI; 0BB1 0BBF
TAMIL SYLLABLE RRII; 0BB1 0BC0
TAMIL SYLLABLE RRU; 0BB1 0BC1
TAMIL SYLLABLE RRUU; 0BB1 0BC2
TAMIL SYLLABLE RRE; 0BB1 0BC6
TAMIL SYLLABLE RREE; 0BB1 0BC7
TAMIL SYLLABLE RRAI; 0BB1 0BC8
TAMIL SYLLABLE RRO; 0BB1 0BCA
TAMIL SYLLABLE RROO; 0BB1 0BCB
TAMIL SYLLABLE RRAU; 0BB1 0BCC

TAMIL SYLLABLE NNNAA; 0BA9 0BBE
TAMIL SYLLABLE NNNI; 0BA9 0BBF
TAMIL SYLLABLE NNNII; 0BA9 0BC0

TAMIL SYLLABLE NNU; 0BA9 0BC1
TAMIL SYLLABLE NNUU; 0BA9 0BC2
TAMIL SYLLABLE NNNE; 0BA9 0BC6
TAMIL SYLLABLE NNNEE; 0BA9 0BC7
TAMIL SYLLABLE NNNAI; 0BA9 0BC8
TAMIL SYLLABLE NNNO; 0BA9 0BCA
TAMIL SYLLABLE NNNOO; 0BA9 0BCB
TAMIL SYLLABLE NNNAU; 0BA9 0BCC

TAMIL SYLLABLE JAA; 0B9C 0BBE
TAMIL SYLLABLE JI; 0B9C 0BBF
TAMIL SYLLABLE JII; 0B9C 0BC0
TAMIL SYLLABLE JU; 0B9C 0BC1
TAMIL SYLLABLE JUU; 0B9C 0BC2
TAMIL SYLLABLE JE; 0B9C 0BC6
TAMIL SYLLABLE JEE; 0B9C 0BC7
TAMIL SYLLABLE JAI; 0B9C 0BC8
TAMIL SYLLABLE JO; 0B9C 0BCA
TAMIL SYLLABLE JOO; 0B9C 0BCB
TAMIL SYLLABLE JAU; 0B9C 0BCC

TAMIL SYLLABLE SHAA; 0BB6 0BBE
TAMIL SYLLABLE SHI; 0BB6 0BBF
TAMIL SYLLABLE SHII; 0BB6 0BC0
TAMIL SYLLABLE SHU; 0BB6 0BC1
TAMIL SYLLABLE SHUU; 0BB6 0BC2
TAMIL SYLLABLE SHE; 0BB6 0BC6
TAMIL SYLLABLE SHEE; 0BB6 0BC7
TAMIL SYLLABLE SHAI; 0BB6 0BC8
TAMIL SYLLABLE SHO; 0BB6 0BCA
TAMIL SYLLABLE SHOO; 0BB6 0BCB
TAMIL SYLLABLE SHAU; 0BB6 0BCC

TAMIL SYLLABLE SSAA; 0BB7 0BBE
TAMIL SYLLABLE SSI; 0BB7 0BBF
TAMIL SYLLABLE SSII; 0BB7 0BC0
TAMIL SYLLABLE SSU; 0BB7 0BC1
TAMIL SYLLABLE SSUU; 0BB7 0BC2
TAMIL SYLLABLE SSE; 0BB7 0BC6
TAMIL SYLLABLE SSEE; 0BB7 0BC7
TAMIL SYLLABLE SSAI; 0BB7 0BC8
TAMIL SYLLABLE SSO; 0BB7 0BCA

TAMIL SYLLABLE SSOO; 0BB7 0BCB
TAMIL SYLLABLE SSAU; 0BB7 0BCC

TAMIL SYLLABLE SAA; 0BB8 0BBE
TAMIL SYLLABLE SI; 0BB8 0BBF
TAMIL SYLLABLE SII; 0BB8 0BC0
TAMIL SYLLABLE SU; 0BB8 0BC1
TAMIL SYLLABLE SUU; 0BB8 0BC2
TAMIL SYLLABLE SE; 0BB8 0BC6
TAMIL SYLLABLE SEE; 0BB8 0BC7
TAMIL SYLLABLE SAI; 0BB8 0BC8
TAMIL SYLLABLE SO; 0BB8 0BCA
TAMIL SYLLABLE SOO; 0BB8 0BCB
TAMIL SYLLABLE SAU; 0BB8 0BCC

TAMIL SYLLABLE HAA; 0BB9 0BBE
TAMIL SYLLABLE HI; 0BB9 0BBF
TAMIL SYLLABLE HII; 0BB9 0BC0
TAMIL SYLLABLE HU; 0BB9 0BC1
TAMIL SYLLABLE HUU; 0BB9 0BC2
TAMIL SYLLABLE HE; 0BB9 0BC6
TAMIL SYLLABLE HEE; 0BB9 0BC7
TAMIL SYLLABLE HAI; 0BB9 0BC8
TAMIL SYLLABLE HO; 0BB9 0BCA
TAMIL SYLLABLE HOO; 0BB9 0BCB
TAMIL SYLLABLE HAU; 0BB9 0BCC

TAMIL SYLLABLE KSSA; 0B95 0BCD 0BB7
TAMIL SYLLABLE KSSAA; 0B95 0BCD 0BB7 0BBE
TAMIL SYLLABLE KSSI; 0B95 0BCD 0BB7 0BBF
TAMIL SYLLABLE KSSII; 0B95 0BCD 0BB7 0BC0
TAMIL SYLLABLE KSSU; 0B95 0BCD 0BB7 0BC1
TAMIL SYLLABLE KSSUU; 0B95 0BCD 0BB7 0BC2
TAMIL SYLLABLE KSSE; 0B95 0BCD 0BB7 0BC6
TAMIL SYLLABLE KSSEE; 0B95 0BCD 0BB7 0BC7
TAMIL SYLLABLE KSSAI; 0B95 0BCD 0BB7 0BC8
TAMIL SYLLABLE KSSO; 0B95 0BCD 0BB7 0BCA
TAMIL SYLLABLE KSSOO; 0B95 0BCD 0BB7 0BCB
TAMIL SYLLABLE KSSAU; 0B95 0BCD 0BB7 0BCC

TAMIL SYLLABLE SHRII; 0BB6 0BCD 0BB0 0BC0
