

# ITM\_TMS\_UNI (Version 1.0 March 2011)

## Indian Transliteration and Metrical Font, Times Style, Unicode Compliant

### Introduction

The Indian Transliteration & Metre font, Times-style (ITM\_TMS), is made using the main glyphs from Times\_CSX+, with additional characters designed by the present writer. The new font is available in all four styles (regular, *italic*, **bold**, and ***bold italic***).

The character-set is based on my earlier (non-Unicode) ITM series of fonts, and covers what is needed to transliterate Accented Vedic, Sanskrit, Pāli, Sanskritised Prākṛt and Sinhala and has some characters needed for other Prākṛts like Gāndhārī and Ardhamāgadhī also. The font is specifically designed to have a wide-range of characters concerned with the prosody of the Indo-Āryan languages.

The font has been made according to the Unicode specifications (ver. 5.2), and the main characters will be visible in many Indic Unicode fonts. But 73 of the characters that are needed have had to be placed in the Private Use Area (PUA), as there is no code slot for them in Unicode. They will therefore not be compatible with other Unicode fonts for that reason.

The copyright for this font remains with URW++ Design and Development Incorporated, Poppenbuetteler Bogen 29A, D-22399 Hamburg, Germany. The font is made available under the terms of the GNU General Public License, a copy of which is included in this archive in the file Copying.txt.

The chief provisions of the GPL are that software licensed under it may be freely redistributed provided the author's copyright is properly acknowledged. As permitted Under Section 2 of the GPL, I have modified the font, but the modified font, like the originals, are distributed under the GPL.

Ānandajoti Bhikkhu  
March 2011 / 2554

## Character Modifications

Below is an alphabetic list (in Latin alphabetical order) of all the diacritical modifications that have been included in the font:

### A modifications

À à Á á Â â Ã ã Ä ä Å å Ā ā Ă ă Ą ą Ć ć Ĉ ĉ Ċ ċ

### Æ modifications

Æ æ Ē ē Ĕ ĕ Ė ě

### C modifications

Ç ç

### D modifications

Ð ð Ď ě

### E modifications

È è É é Ê ê Ë ë Ē ē Ĕ ĕ Ė ě

### G modifications

Ĝ ĝ Ğ ğ Ġ ġ

### H modifications

Ĥ ĥ Ħ ħ Ĩ ĩ

### I modifications

Ì ì Í í Î î Ï ï Ī ī Ĭ ĭ Ĵ ĵ Ķ ķ Ĵ ĵ

### J modifications

Ĵ ĵ

## L modifications

Ł ł Ł Ł Ł Ł Ł Ł Ł Ł Ł Ł

## M modifications

Ẁ ẁ Ẃ ẃ Ẅ ẅ

## N modifications

Ñ ñ Ṅ ṅ Ñ ñ Ṇ ṇ

## O modifications

Ò ò Ó ó Ô ô Õ õ Ö ö Ø ø Ò ò Õ õ

## R modifications

Ŕ ŕ Ŗ ŗ Ř ŧ Ũ Ź ź Ŗ ŗ Ř ŧ Ũ Ź ź

## S modifications

Ș ș Ș ș Ș ș Ș ș

## T modifications

Ƨ Ƨ Ƨ Ƨ

## U modifications

U u Û ù Ú ú Û ù Û ù Û ù Û ù Û ù

## Y modifications

Ÿ ŷ Ÿ ŷ

## Prosodic Characters

The metrical characters in this font are an extension of the characters found in my previous ITM series of fonts, with the glyphs redesigned to a better standard.

## Metrical Signs

× – ˘ ˘˘ ˘˘˘ ˘˘˘˘ ˘˘˘˘˘ ˘˘˘˘˘˘ ˘˘˘˘˘˘˘ ˘˘˘˘˘˘˘˘ ˘˘˘˘˘˘˘˘˘ ˘˘˘˘˘˘˘˘˘˘ |

## Combining Diacriticals

I have also included combining diacritical characters which would enable us to write ā ö ũ ñ ě etc. All these characters have designed glyphs in the font, which are neater in appearance.

ˆ ˘ ˘˘ ˘˘˘ ˘˘˘˘ ˘˘˘˘˘ ˘˘˘˘˘˘ ˘˘˘˘˘˘˘ ˘˘˘˘˘˘˘˘ ˘˘˘˘˘˘˘˘˘ ˘˘˘˘˘˘˘˘˘˘

There follows a table giving a complete list of the characters found in the font, together with their identifiers:

## Table of Characters in the ITM\_TMS\_UNI font

Regular	Bold	<i>Italic</i>	<b><i>Bold Italic</i></b>	Number Unicode	Number Unicode Hex	name postscript based on Description
!	<b>!</b>	<i>!</i>	<b><i>!</i></b>	33	\$0021	exclamation mark
"	<b>"</b>	<i>"</i>	<b><i>"</i></b>	34	\$0022	quote double left
#	<b>#</b>	<i>#</i>	<b><i>#</i></b>	35	\$0023	number sign (hash sign)
\$	<b>\$</b>	<i>\$</i>	<b><i>\$</i></b>	36	\$0024	dollar
%	<b>%</b>	<i>%</i>	<b><i>%</i></b>	37	\$0025	percent
&	<b>&amp;</b>	<i>&amp;</i>	<b><i>&amp;</i></b>	38	\$0026	ampersand
'	<b>'</b>	<i>'</i>	<b><i>'</i></b>	39	\$0027	quote single
(	<b>(</b>	<i>(</i>	<b><i>(</i></b>	40	\$0028	parenthesis left
)	<b>)</b>	<i>)</i>	<b><i>)</i></b>	41	\$0029	parenthesis right
*	<b>*</b>	<i>*</i>	<b><i>*</i></b>	42	\$002A	asterisk
+	<b>+</b>	<i>+</i>	<b><i>+</i></b>	43	\$002B	plus
,	<b>,</b>	<i>,</i>	<b><i>,</i></b>	44	\$002C	comma
-	<b>-</b>	<i>-</i>	<b><i>-</i></b>	45	\$002D	hyphen
.	<b>.</b>	<i>.</i>	<b><i>.</i></b>	46	\$002E	period
/	<b>/</b>	<i>/</i>	<b><i>/</i></b>	47	\$002F	slash
0	<b>0</b>	<i>0</i>	<b><i>0</i></b>	48	\$0030	zero
1	<b>1</b>	<i>1</i>	<b><i>1</i></b>	49	\$0031	one
2	<b>2</b>	<i>2</i>	<b><i>2</i></b>	50	\$0032	two
3	<b>3</b>	<i>3</i>	<b><i>3</i></b>	51	\$0033	three
4	<b>4</b>	<i>4</i>	<b><i>4</i></b>	52	\$0034	four
5	<b>5</b>	<i>5</i>	<b><i>5</i></b>	53	\$0035	five
6	<b>6</b>	<i>6</i>	<b><i>6</i></b>	54	\$0036	six
7	<b>7</b>	<i>7</i>	<b><i>7</i></b>	55	\$0037	seven
8	<b>8</b>	<i>8</i>	<b><i>8</i></b>	56	\$0038	eight
9	<b>9</b>	<i>9</i>	<b><i>9</i></b>	57	\$0039	nine
:	<b>:</b>	<i>:</i>	<b><i>:</i></b>	58	\$003A	colon
;	<b>;</b>	<i>;</i>	<b><i>;</i></b>	59	\$003B	semi-colon
<	<b>&lt;</b>	<i>&lt;</i>	<b><i>&lt;</i></b>	60	\$003C	less than
=	<b>=</b>	<i>=</i>	<b><i>=</i></b>	61	\$003D	equal to
>	<b>&gt;</b>	<i>&gt;</i>	<b><i>&gt;</i></b>	62	\$003E	greater than
?	<b>?</b>	<i>?</i>	<b><i>?</i></b>	63	\$003F	question mark
@	<b>@</b>	<i>@</i>	<b><i>@</i></b>	64	\$0040	at
A	<b>A</b>	<i>A</i>	<b><i>A</i></b>	65	\$0041	A
B	<b>B</b>	<i>B</i>	<b><i>B</i></b>	66	\$0042	B
C	<b>C</b>	<i>C</i>	<b><i>C</i></b>	67	\$0043	C
D	<b>D</b>	<i>D</i>	<b><i>D</i></b>	68	\$0044	D
E	<b>E</b>	<i>E</i>	<b><i>E</i></b>	69	\$0045	E
F	<b>F</b>	<i>F</i>	<b><i>F</i></b>	70	\$0046	F
G	<b>G</b>	<i>G</i>	<b><i>G</i></b>	71	\$0047	G
H	<b>H</b>	<i>H</i>	<b><i>H</i></b>	72	\$0048	H
I	<b>I</b>	<i>I</i>	<b><i>I</i></b>	73	\$0049	I
J	<b>J</b>	<i>J</i>	<b><i>J</i></b>	74	\$004A	J
K	<b>K</b>	<i>K</i>	<b><i>K</i></b>	75	\$004B	K
L	<b>L</b>	<i>L</i>	<b><i>L</i></b>	76	\$004C	L

M	<b>M</b>	<i>M</i>	<b><i>M</i></b>	77	\$004D	M
N	<b>N</b>	<i>N</i>	<b><i>N</i></b>	78	\$004E	N
O	<b>O</b>	<i>O</i>	<b><i>O</i></b>	79	\$004F	O
P	<b>P</b>	<i>P</i>	<b><i>P</i></b>	80	\$0050	P
Q	<b>Q</b>	<i>Q</i>	<b><i>Q</i></b>	81	\$0051	Q
R	<b>R</b>	<i>R</i>	<b><i>R</i></b>	82	\$0052	R
S	<b>S</b>	<i>S</i>	<b><i>S</i></b>	83	\$0053	S
T	<b>T</b>	<i>T</i>	<b><i>T</i></b>	84	\$0054	T
U	<b>U</b>	<i>U</i>	<b><i>U</i></b>	85	\$0055	U
V	<b>V</b>	<i>V</i>	<b><i>V</i></b>	86	\$0056	V
W	<b>W</b>	<i>W</i>	<b><i>W</i></b>	87	\$0057	W
X	<b>X</b>	<i>X</i>	<b><i>X</i></b>	88	\$0058	X
Y	<b>Y</b>	<i>Y</i>	<b><i>Y</i></b>	89	\$0059	Y
Z	<b>Z</b>	<i>Z</i>	<b><i>Z</i></b>	90	\$005A	Z
[	<b>[</b>	<i>[</i>	<b><i>[</i></b>	91	\$005B	bracket left
\	<b>\</b>	<i>\</i>	<b><i>\</i></b>	92	\$005C	backslash
]	<b>]</b>	<i>]</i>	<b><i>]</i></b>	93	\$005D	bracket right
^	<b>^</b>	<i>^</i>	<b><i>^</i></b>	94	\$005E	ascii circumflex
_	<b>_</b>	<i>_</i>	<b><i>_</i></b>	95	\$005F	underscore
`	<b>`</b>	<i>`</i>	<b><i>`</i></b>	96	\$0060	grave
a	<b>a</b>	<i>a</i>	<b><i>a</i></b>	97	\$0061	a
b	<b>b</b>	<i>b</i>	<b><i>b</i></b>	98	\$0062	b
c	<b>c</b>	<i>c</i>	<b><i>c</i></b>	99	\$0063	c
d	<b>d</b>	<i>d</i>	<b><i>d</i></b>	100	\$0064	d
e	<b>e</b>	<i>e</i>	<b><i>e</i></b>	101	\$0065	e
f	<b>f</b>	<i>f</i>	<b><i>f</i></b>	102	\$0066	f
g	<b>g</b>	<i>g</i>	<b><i>g</i></b>	103	\$0067	g
h	<b>h</b>	<i>h</i>	<b><i>h</i></b>	104	\$0068	h
i	<b>i</b>	<i>i</i>	<b><i>i</i></b>	105	\$0069	i
j	<b>j</b>	<i>j</i>	<b><i>j</i></b>	106	\$006A	j
k	<b>k</b>	<i>k</i>	<b><i>k</i></b>	107	\$006B	k
l	<b>l</b>	<i>l</i>	<b><i>l</i></b>	108	\$006C	l
m	<b>m</b>	<i>m</i>	<b><i>m</i></b>	109	\$006D	m
n	<b>n</b>	<i>n</i>	<b><i>n</i></b>	110	\$006E	n
o	<b>o</b>	<i>o</i>	<b><i>o</i></b>	111	\$006F	o
p	<b>p</b>	<i>p</i>	<b><i>p</i></b>	112	\$0070	p
q	<b>q</b>	<i>q</i>	<b><i>q</i></b>	113	\$0071	q
r	<b>r</b>	<i>r</i>	<b><i>r</i></b>	114	\$0072	r
s	<b>s</b>	<i>s</i>	<b><i>s</i></b>	115	\$0073	s
t	<b>t</b>	<i>t</i>	<b><i>t</i></b>	116	\$0074	t
u	<b>u</b>	<i>u</i>	<b><i>u</i></b>	117	\$0075	u
v	<b>v</b>	<i>v</i>	<b><i>v</i></b>	118	\$0076	v
w	<b>w</b>	<i>w</i>	<b><i>w</i></b>	119	\$0077	w
x	<b>x</b>	<i>x</i>	<b><i>x</i></b>	120	\$0078	x
y	<b>y</b>	<i>y</i>	<b><i>y</i></b>	121	\$0079	y
z	<b>z</b>	<i>z</i>	<b><i>z</i></b>	122	\$007A	z
{	<b>{</b>	<i>{</i>	<b><i>{</i></b>	123	\$007B	brace left
	<b> </b>	<i> </i>	<b><i> </i></b>	124	\$007C	bar
}	<b>}</b>	<i>}</i>	<b><i>}</i></b>	125	\$007D	brace right
~	<b>~</b>	<i>~</i>	<b><i>~</i></b>	126	\$007E	ascii tilde
¡	<b>¡</b>	<i>¡</i>	<b><i>¡</i></b>	161	\$00A1	exclamation upside down
¢	<b>¢</b>	<i>¢</i>	<b><i>¢</i></b>	162	\$00A2	cent
£	<b>£</b>	<i>£</i>	<b><i>£</i></b>	163	\$00A3	sterling

¤	¤	¤	¤	164	\$00A4	currency
¥	¥	¥	¥	165	\$00A5	yen
‡	‡	‡	‡	166	\$00A6	broken bar
§	§	§	§	167	\$00A7	section
¨	¨	¨	¨	168	\$00A8	dieresis
©	©	©	©	169	\$00A9	copyright
ª	ª	ª	ª	170	\$00AA	ordinal feminine
«	«	«	«	171	\$00AB	guillemot left
¬	¬	¬	¬	172	\$00AC	logical not
-	-	-	-	173	\$00AD	soft hyphen
®	®	®	®	174	\$00AE	registered
ˉ	ˉ	ˉ	ˉ	175	\$00AF	macron
°	°	°	°	176	\$00B0	degree
±	±	±	±	177	\$00B1	plus minus
²	²	²	²	178	\$00B2	squared
³	³	³	³	179	\$00B3	superscript 3
´	´	´	´	180	\$00B4	acute
μ	μ	μ	μ	181	\$00B5	mu
¶	¶	¶	¶	182	\$00B6	paragraph
·	·	·	·	183	\$00B7	period centered
¸	¸	¸	¸	184	\$00B8	cedilla
¹	¹	¹	¹	185	\$00B9	superscript 1
º	º	º	º	186	\$00BA	ord masculine
»	»	»	»	187	\$00BB	guillemot right
¼	¼	¼	¼	188	\$00BC	one quarter
½	½	½	½	189	\$00BD	one half
¾	¾	¾	¾	190	\$00BE	three quarters
¿	¿	¿	¿	191	\$00BF	question upside down
À	À	À	À	192	\$00C0	A grave
Á	Á	Á	Á	193	\$00C1	A acute
Â	Â	Â	Â	194	\$00C2	A circumflex
Ã	Ã	Ã	Ã	195	\$00C3	A tilde
Ä	Ä	Ä	Ä	196	\$00C4	A dieresis
Å	Å	Å	Å	197	\$00C5	A ring
Æ	Æ	Æ	Æ	198	\$00C6	AE
Ç	Ç	Ç	Ç	199	\$00C7	C cedilla
È	È	È	È	200	\$00C8	E grave
É	É	É	É	201	\$00C9	E acute
Ê	Ê	Ê	Ê	202	\$00CA	E circumflex
Ë	Ë	Ë	Ë	203	\$00CB	E dieresis
Ì	Ì	Ì	Ì	204	\$00CC	I grave
Í	Í	Í	Í	205	\$00CD	I acute
Î	Î	Î	Î	206	\$00CE	I circumflex
Ï	Ï	Ï	Ï	207	\$00CF	I dieresis
Ð	Ð	Ð	Ð	208	\$00D0	Eth
Ñ	Ñ	Ñ	Ñ	209	\$00D1	N tilde
Ò	Ò	Ò	Ò	210	\$00D2	O grave
Ó	Ó	Ó	Ó	211	\$00D3	O acute
Ô	Ô	Ô	Ô	212	\$00D4	O circumflex
Õ	Õ	Õ	Õ	213	\$00D5	O tilde
Ö	Ö	Ö	Ö	214	\$00D6	O dieresis
Ø	Ø	Ø	Ø	216	\$00D8	O slash
Ù	Ù	Ù	Ù	217	\$00D9	U grave

Ú	Ū	Ů	Ǫ	218	\$00DA	U acute
Û	Ŭ	Ű	ǫ	219	\$00DB	U circumflex
Ü	Û	Û	Û	220	\$00DC	U dieresis
Ý	Ÿ	Ÿ	Ÿ	221	\$00DD	Y acute
Þ	Ɔ	Ɔ	Ɔ	222	\$00DE	Thorn
ß	ß	ß	ß	223	\$00DF	german double S
à	à	à	à	224	\$00E0	a grave
á	á	á	á	225	\$00E1	a acute
â	â	â	â	226	\$00E2	a circumflex
ã	ã	ã	ã	227	\$00E3	a tilde
ä	ä	ä	ä	228	\$00E4	a dieresis
å	å	å	å	229	\$00E5	a ring
æ	æ	æ	æ	230	\$00E6	ae
ç	ç	ç	ç	231	\$00E7	c cedilla
è	è	è	è	232	\$00E8	e grave
é	é	é	é	233	\$00E9	e acute
ê	ê	ê	ê	234	\$00EA	e circumflex
ë	ë	ë	ë	235	\$00EB	e dieresis
ì	ì	ì	ì	236	\$00EC	i grave
í	í	í	í	237	\$00ED	i acute
î	î	î	î	238	\$00EE	i circumflex
ï	ï	ï	ï	239	\$00EF	i dieresis
ð	ð	ð	ð	240	\$00F0	eth
ñ	ñ	ñ	ñ	241	\$00F1	n tilde
ò	ò	ò	ò	242	\$00F2	o grave
ó	ó	ó	ó	243	\$00F3	o acute
ô	ô	ô	ô	244	\$00F4	o circumflex
õ	õ	õ	õ	245	\$00F5	o tilde
ö	ö	ö	ö	246	\$00F6	o dieresis
÷	÷	÷	÷	247	\$00F7	divide
ø	ø	ø	ø	248	\$00F8	o slash
ù	ù	ù	ù	249	\$00F9	u grave
ú	ú	ú	ú	250	\$00FA	u acute
û	û	û	û	251	\$00FB	u circumflex
ü	ü	ü	ü	252	\$00FC	u dieresis
ý	ý	ý	ý	253	\$00FD	y acute
þ	þ	þ	þ	254	\$00FE	thorn
ÿ	ÿ	ÿ	ÿ	255	\$00FF	y dieresis
-	-	-	-	8210	\$2012	figure dash
—	—	—	—	8211	\$2013	en dash
—	—	—	—	8212	\$2014	em dash
‘	‘	‘	‘	8216	\$2018	quote left
’	’	’	’	8217	\$2019	quote right
‚	‚	‚	‚	8218	\$201A	quote single baseline
‘	‘	‘	‘	8219	\$201B	quote reversed
“	“	“	“	8220	\$201C	quote double left
”	”	”	”	8221	\$201D	quote double right
„	„	„	„	8222	\$201E	quote double baseline
“	“	“	“	8223	\$201F	quote double reversed
€	€	€	€	8364	\$20AC	Euro
≠	≠	≠	≠	8800	\$2260	not equal
≈	≈	≈	≈	8776	\$2248	almost equal
≉	≉	≉	≉	8777	\$2249	not almost equal

•	•	•	•	11825	\$2E31	middle dot
√	√	√	√	8730	\$221A	radical
×	×	×	×	215	\$00D7	multiplication
−	−	−	−	8722	\$2212	minus (metrical heavy)
⸀	⸀	⸀	⸀	9169	\$23D1	metrical light
⸁	⸁	⸁	⸁	9170	\$23D2	metrical heavy over light
⸂	⸂	⸂	⸂	9171	\$23D3	metrical light over heavy
⸃	⸃	⸃	⸃	9172	\$23D4	metrical heavy over light
⸄	⸄	⸄	⸄	9173	\$23D5	metrical two lights over heavy
⸅	⸅	⸅	⸅	63488	\$F800	metrical light over heavy over two lights
⸆	⸆	⸆	⸆	63489	\$F801	metrical light bracketed over heavy
⸇	⸇	⸇	⸇	63490	\$F802	metrical light over heavy bracketed
⸈	⸈	⸈	⸈	63491	\$F803	metrical light bracketed over heavy bracketed
⸉	⸉	⸉	⸉	63492	\$F804	metrical light heavy light over two heavies
Ā	Ā	Ā	Ā	256	\$0100	A macron
ā	ā	ā	ā	257	\$0101	a macron
Ă	Ă	Ă	Ă	258	\$0102	A breve
ă	ă	ă	ă	259	\$0103	a breve
Ē	Ē	Ē	Ē	274	\$0112	E macron
ē	ē	ē	ē	275	\$0113	e macron
Ĕ	Ĕ	Ĕ	Ĕ	276	\$0114	E breve
ĕ	ĕ	ĕ	ĕ	277	\$0115	e breve
İ	İ	İ	İ	296	\$0128	I tilde
ĩ	ĩ	ĩ	ĩ	297	\$0129	i tilde
Ī	Ī	Ī	Ī	298	\$012A	I macron
ī	ī	ī	ī	299	\$012B	i macron
Ĭ	Ĭ	Ĭ	Ĭ	300	\$012C	I breve
ĭ	ĭ	ĭ	ĭ	301	\$012D	i breve
ŋ	ŋ	ŋ	ŋ	330	\$014A	capital eng
η	η	η	η	331	\$014B	small eng
Ō	Ō	Ō	Ō	332	\$014C	O macron
ō	ō	ō	ō	333	\$014D	o macron
Ȫ	Ȫ	Ȫ	Ȫ	334	\$014E	O breve
ȫ	ȫ	ȫ	ȫ	335	\$014F	o breve
Ś	Ś	Ś	Ś	346	\$015A	S acute
ś	ś	ś	ś	347	\$015B	s acute
Ũ	Ũ	Ũ	Ũ	360	\$0168	U tilde
ũ	ũ	ũ	ũ	361	\$0169	u tilde
Ū	Ū	Ū	Ū	362	\$016A	U macron
ū	ū	ū	ū	363	\$016B	u macron
Ŭ	Ŭ	Ŭ	Ŭ	364	\$016C	U breve
ŭ	ŭ	ŭ	ŭ	365	\$016D	u breve
Æ	Æ	Æ	Æ	482	\$01E2	AE macron
æ	æ	æ	æ	483	\$01E3	ae macron
Ĝ	Ĝ	Ĝ	Ĝ	500	\$01F4	G acute
g	g	g	g	501	\$01F5	g acute
Ḑ	Ḑ	Ḑ	Ḑ	7692	\$1E0C	D dot below
ḑ	ḑ	ḑ	ḑ	7693	\$1E0D	d dot below
Ḓ	Ḓ	Ḓ	Ḓ	7712	\$1E20	G macron
ḓ	ḓ	ḓ	ḓ	7713	\$1E21	g macron
Ḕ	Ḕ	Ḕ	Ḕ	7716	\$1E24	H dot below
ḕ	ḕ	ḕ	ḕ	7717	\$1E25	h dot below
Ḗ	Ḗ	Ḗ	Ḗ	7722	\$1E2A	H breve below

ħ	ĥ	ħ	ĥ	7723	\$1E2B	h breve below
Ł	Ł	Ł	Ł	7734	\$1E36	L dot below
ł	ł	ł	ł	7735	\$1E37	l dot below
Ṁ	Ṁ	Ṁ	Ṁ	7744	\$1E40	M dot
ṁ	ṁ	ṁ	ṁ	7745	\$1E41	m dot
Ṃ	Ṃ	Ṃ	Ṃ	7746	\$1E42	M dot below
ṃ	ṃ	ṃ	ṃ	7747	\$1E43	m dot below
Ñ	Ñ	Ñ	Ñ	7748	\$1E44	N dot
ñ	ñ	ñ	ñ	7749	\$1E45	n dot
Ṅ	Ṅ	Ṅ	Ṅ	7750	\$1E46	N dot below
ṅ	ṅ	ṅ	ṅ	7751	\$1E47	n dot below
Ṛ	Ṛ	Ṛ	Ṛ	7770	\$1E5A	R dot below
ṛ	ṛ	ṛ	ṛ	7771	\$1E5B	r dot below
Ṣ	Ṣ	Ṣ	Ṣ	7778	\$1E62	S dot below
ṣ	ṣ	ṣ	ṣ	7779	\$1E63	s dot below
Ṭ	Ṭ	Ṭ	Ṭ	7788	\$1E6C	T dot below
ṭ	ṭ	ṭ	ṭ	7789	\$1E6D	t dot below
h̄	h̄	h̄	h̄	7830	\$1E96	h line below
Ê	Ê	Ê	Ê	7868	\$1EBC	E tilde
ẽ	ẽ	ẽ	ẽ	7869	\$1EBD	e tilde
Ā	Ā	Ā	Ā	63493	\$F805	A macron acute
á	á	á	á	63494	\$F806	a macron acute
Ā	Ā	Ā	Ā	63495	\$F807	A macron grave
à	à	à	à	63496	\$F808	a macron grave
Ā	Ā	Ā	Ā	63497	\$F809	A macron breve
ã	ã	ã	ã	63498	\$F80A	a macron breve
Æ	Æ	Æ	Æ	63499	\$F80B	AE ligature
Ǽ	Ǽ	Ǽ	Ǽ	63500	\$F80C	ae ligature
Æ	Æ	Æ	Æ	63501	\$F80D	AE breve
ǽ	ǽ	ǽ	ǽ	63502	\$F80E	ae breve
Ī	Ī	Ī	Ī	63503	\$F80F	I macron acute
í	í	í	í	63504	\$F810	i macron acute
Ī	Ī	Ī	Ī	63505	\$F811	I macron grave
ì	ì	ì	ì	63506	\$F812	i macron grave
Ī	Ī	Ī	Ī	63507	\$F813	I macron breve
ï	ï	ï	ï	63508	\$F814	i macron breve
Ĵ	Ĵ	Ĵ	Ĵ	63509	\$F815	J macron
ĵ	ĵ	ĵ	ĵ	63510	\$F816	j macron
Ł	Ł	Ł	Ł	63511	\$F817	L ring below
ł	ł	ł	ł	63512	\$F818	l ring below
Ł	Ł	Ł	Ł	63513	\$F819	L ring below acute
ł	ł	ł	ł	63514	\$F81A	l ring below acute
Ł	Ł	Ł	Ł	63515	\$F81B	L ring below grave
ł	ł	ł	ł	63516	\$F81C	l ring below grave
Ł	Ł	Ł	Ł	63517	\$F81D	L ring below macron
ł	ł	ł	ł	63518	\$F81E	l ring below macron
Ł	Ł	Ł	Ł	63519	\$F81F	L ring below breve
ł	ł	ł	ł	63520	\$F820	l ring below breve
Ł	Ł	Ł	Ł	63521	\$F821	L ring below macron breve
ł	ł	ł	ł	63522	\$F822	l ring below macron breve
Ṃ	Ṃ	Ṃ	Ṃ	63523	\$F823	M breve dot
ṃ	ṃ	ṃ	ṃ	63524	\$F824	m breve dot
Ṅ	Ṅ	Ṅ	Ṅ	63525	\$F825	N breve

ñ	ñ	ñ	ñ	63526	\$F826	n breve
Ō	Ō	Ō	Ō	63527	\$F827	O macron breve
ō	ō	ō	ō	63528	\$F828	O macron breve
Ṛ	Ṛ	Ṛ	Ṛ	63529	\$F829	R ring below
ṛ	ṛ	ṛ	ṛ	63530	\$F82A	r ring below
Ṙ	Ṙ	Ṙ	Ṙ	63531	\$F82B	R ring below acute
ṛ	ṛ	ṛ	ṛ	63532	\$F82C	r ring below acute
Ṝ	Ṝ	Ṝ	Ṝ	63533	\$F82D	R ring below grave
ṝ	ṝ	ṝ	ṝ	63534	\$F82E	r ring below grave
Ṙ̄	Ṙ̄	Ṙ̄	Ṙ̄	63535	\$F82F	R ring below macron
ṝ	ṝ	ṝ	ṝ	63536	\$F830	r ring below macron
Ṙ̄̄	Ṙ̄̄	Ṙ̄̄	Ṙ̄̄	63537	\$F831	R ring below macron grave
ṝ̄	ṝ̄	ṝ̄	ṝ̄	63538	\$F832	r ring below macron grave
Ṙ̄̄̄	Ṙ̄̄̄	Ṙ̄̄̄	Ṙ̄̄̄	63539	\$F833	R ring below macron acute
ṝ̄̄	ṝ̄̄	ṝ̄̄	ṝ̄̄	63540	\$F834	r ring below macron acute
Ṙ̄̄̄̄	Ṙ̄̄̄̄	Ṙ̄̄̄̄	Ṙ̄̄̄̄	63541	\$F835	R ring below breve
ṝ̄̄̄	ṝ̄̄̄	ṝ̄̄̄	ṝ̄̄̄	63542	\$F836	r ring below breve
Ṙ̄̄̄̄̄	Ṙ̄̄̄̄̄	Ṙ̄̄̄̄̄	Ṙ̄̄̄̄̄	63543	\$F837	R ring below macron breve
ṝ̄̄̄̄	ṝ̄̄̄̄	ṝ̄̄̄̄	ṝ̄̄̄̄	63544	\$F838	r ring below macron breve
Š	Š	Š	Š	63545	\$F839	S macron
š	š	š	š	63546	\$F83A	s macron
Ṛ̇	Ṛ̇	Ṛ̇	Ṛ̇	63547	\$F83B	S macron dot below
ṛ̇	ṛ̇	ṛ̇	ṛ̇	63548	\$F83C	s macron dot below
Ṛ̣	Ṛ̣	Ṛ̣	Ṛ̣	63549	\$F83D	T acute dot below
ṛ̣	ṛ̣	ṛ̣	ṛ̣	63550	\$F83E	t acute dot below
Ū	Ū	Ū	Ū	63551	\$F83F	U macron acute
ú	ú	ú	ú	63552	\$F840	u macron acute
Ū̄	Ū̄	Ū̄	Ū̄	63553	\$F841	U macron grave
ū̄	ū̄	ū̄	ū̄	63554	\$F842	u macron grave
Ū̄̄	Ū̄̄	Ū̄̄	Ū̄̄	63555	\$F843	U macron breve
ū̄̄	ū̄̄	ū̄̄	ū̄̄	63556	\$F844	u macron breve
˘	˘	˘	˘	768	\$0300	combining grave
˙	˙	˙	˙	769	\$0301	combining acute
ˆ	ˆ	ˆ	ˆ	770	\$0302	combining circumflex
˜	˜	˜	˜	771	\$0303	combining tilde
ˉ	ˉ	ˉ	ˉ	772	\$0304	combining macron
˘̄	˘̄	˘̄	˘̄	774	\$0306	combining breve
¨	¨	¨	¨	776	\$0308	combining dieresis
◌̇	◌̇	◌̇	◌̇	784	\$0310	combining breve dot
◌̣	◌̣	◌̣	◌̣	803	\$0323	combining dot below
◌̤	◌̤	◌̤	◌̤	805	\$0325	combining ring below
◌̥	◌̥	◌̥	◌̥	814	\$032E	combining breve below
◌̦	◌̦	◌̦	◌̦	817	\$0331	combining macron below
				63557	\$F845	combining macron grave
				63558	\$F846	combining macron acute
				63559	\$F847	combining macron breve
Ē	Ē	Ē	Ē	63560	\$F848	E macron breve
ē	ē	ē	ē	63561	\$F849	e macron breve
ṁ	ṁ	ṁ	ṁ	63566	\$F84E	m breve
ḡ	ḡ	ḡ	ḡ	63567	\$F84F	g macron acute