

# Non-ASCII Symbols in the SCA Armorial Database

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Since January 1996, the SCA Ordinary database (oanda.db) has begun to encode non-ASCII symbols in names and blazons. The encoding is mostly complete for items registered since July 1980, but only sporadic before that date. In other words, over 90% of the database has been revised.

When a Latin-1 encoding exists, the non-ASCII symbol is encoded in accordance with that standard. The resulting code is an 8-bit byte with the most-significant bit set to 1, as detailed in the table below. (Unfortunately, these 8-bit codes are NOT compatible with the "437" code page normally active on PCs running MS-DOS in the United States.)

For cases where the character does not appear in Latin-1, the ASCII encoding is used, but a note is appended to the entry giving the fully Da'ud encoded form.

The table below lists all of the Da'ud encodings Morsulus recognizes. If you need something not listed there, contact Morsulus to discuss how to proceed. Don't simply Make Something Up. Please.

Da'ud code	ASCII encoding	Unicode code point	Unicode character	HTML entity	Unicode name
{A}	A	00C0	À	&Agrave	LATIN CAPITAL LETTER A WITH GRAVE
{A'}	A	00C1	Á	&Acute	LATIN CAPITAL LETTER A WITH ACUTE
{A^}	A	00C2	Â	&Acirc	LATIN CAPITAL LETTER A WITH CIRCUMFLEX
{A~}	A	00C3	Ã	&Atilde	LATIN CAPITAL LETTER A WITH TILDE
{A:}	A	00C4	Ä	&Auml	LATIN CAPITAL LETTER A WITH DIAERESIS
{Ao}	Aa	00C5	Å	&Aring	LATIN CAPITAL LETTER A WITH RING ABOVE
{AE}	AE	00C6	Æ	&Aelig	LATIN CAPITAL LIGATURE AE
{C,}	C	00C7	Ç	&Ccedil	LATIN CAPITAL LETTER C WITH CEDILLA
{E}	E	00C8	È	&Egrave	LATIN CAPITAL LETTER E WITH GRAVE
{E'}	E	00C9	É	&Eacute	LATIN CAPITAL LETTER E WITH ACUTE
{E^}	E	00CA	Ê	&Ecirc	LATIN CAPITAL LETTER E WITH CIRCUMFLEX
{E:}	E	00CB	Ë	&Euml	LATIN CAPITAL LETTER E WITH DIAERESIS
{I}	I	00CC	Ì	&Igrave	LATIN CAPITAL LETTER I WITH GRAVE
{I'}	I	00CD	Í	&Iacute	LATIN CAPITAL LETTER I WITH ACUTE
{I^}	I	00CE	Î	&Icirc	LATIN CAPITAL LETTER I WITH CIRCUMFLEX
{I:}	I	00CF	Ï	&Iuml	LATIN CAPITAL LETTER I WITH DIAERESIS
{Dh}	Dh	00D0	Ð	&ETH	LATIN CAPITAL LETTER ETH
{N~}	N	00D1	Ñ	&Ntilde	LATIN CAPITAL LETTER N WITH TILDE
{O}	O	00D2	Ò	&Ograve	LATIN CAPITAL LETTER O WITH GRAVE
{O'}	O	00D3	Ó	&Oacute	LATIN CAPITAL LETTER O WITH ACUTE
{O^}	O	00D4	Ô	&Ocirc	LATIN CAPITAL LETTER O WITH CIRCUMFLEX
{O~}	O	00D5	Õ	&Otilde	LATIN CAPITAL LETTER O WITH TILDE
{O:}	O	00D6	Ö	&Ouml	LATIN CAPITAL LETTER O WITH DIAERESIS
{O/}	OE	00D8	Ø	&Oslash	LATIN CAPITAL LETTER O WITH STROKE
{U}	U	00D9	Ù	&Ugrave	LATIN CAPITAL LETTER U WITH GRAVE
{U'}	U	00DA	Ú	&Uacute	LATIN CAPITAL LETTER U WITH ACUTE
{U^}	U	00DB	Û	&Ucirc	LATIN CAPITAL LETTER U WITH CIRCUMFLEX
{U:}	U	00DC	Ü	&Uuml	LATIN CAPITAL LETTER U WITH DIAERESIS
{Y'}	Y	00DD	Ý	&Yacute	LATIN CAPITAL LETTER Y WITH ACUTE
{Th}	Th	00DE	Þ	&THORN	LATIN CAPITAL LETTER THORN
{sz}	sz	00DF	ß	&szlig	LATIN SMALL LETTER SHARP S
{a}	a	00E0	à	&agrave	LATIN SMALL LETTER A WITH GRAVE
{a'}	a	00E1	á	&aacute	LATIN SMALL LETTER A WITH ACUTE
{a^}	a	00E2	â	&acirc	LATIN SMALL LETTER A WITH CIRCUMFLEX
{a~}	a	00E3	ã	&atilde	LATIN SMALL LETTER A WITH TILDE
{a:}	a	00E4	ä	&auml	LATIN SMALL LETTER A WITH DIAERESIS
{ao}	aa	00E5	å	&aring	LATIN SMALL LETTER A WITH RING ABOVE
{ae}	ae	00E6	æ	&aelig	LATIN SMALL LIGATURE AE

{c,}	c	00E7	ç	&ccedil	LATIN SMALL LETTER C WITH CEDILLA
{e}	e	00E8	è	&egrave	LATIN SMALL LETTER E WITH GRAVE
{e'}	e	00E9	é	&acute	LATIN SMALL LETTER E WITH ACUTE
{e^}	e	00EA	ê	&ecirc	LATIN SMALL LETTER E WITH CIRCUMFLEX
{e:}	e	00EB	ë	&euml	LATIN SMALL LETTER E WITH DIAERESIS
{i}	i	00EC	ì	&igrave	LATIN SMALL LETTER I WITH GRAVE
{i'}	i	00ED	í	&iacute	LATIN SMALL LETTER I WITH ACUTE
{i^}	i	00EE	î	&icirc	LATIN SMALL LETTER I WITH CIRCUMFLEX
{i:}	i	00EF	ï	&iuml	LATIN SMALL LETTER I WITH DIAERESIS
{dh}	dh	00F0	ð	&eth	LATIN SMALL LETTER ETH
{n~}	n	00F1	ñ	&ntilde	LATIN SMALL LETTER N WITH TILDE
{o}	o	00F2	ò	&ograve	LATIN SMALL LETTER O WITH GRAVE
{o'}	o	00F3	ó	&oacute	LATIN SMALL LETTER O WITH ACUTE
{o^}	o	00F4	ô	&ocirc	LATIN SMALL LETTER O WITH CIRCUMFLEX
{o~}	o	00F5	õ	&otilde	LATIN SMALL LETTER O WITH TILDE
{o:}	o	00F6	ö	&ouml	LATIN SMALL LETTER O WITH DIAERESIS
{o/}	oe	00F8	ø	&oslash	LATIN SMALL LETTER O WITH STROKE
{u}	u	00F9	ù	&ugrave	LATIN SMALL LETTER U WITH GRAVE
{u'}	u	00FA	ú	&uacute	LATIN SMALL LETTER U WITH ACUTE
{u^}	u	00FB	û	&ucirc	LATIN SMALL LETTER U WITH CIRCUMFLEX
{u:}	u	00FC	ü	&uuml	LATIN SMALL LETTER U WITH DIAERESIS
{y'}	y	00FD	ý	&yacute	LATIN SMALL LETTER Y WITH ACUTE
{th}	th	00FE	þ	&thorn	LATIN SMALL LETTER THORN
{y:}	y	00FF	ÿ	&yuml	LATIN SMALL LETTER Y WITH DIAERESIS
{A-}	A	0100	Ā		LATIN CAPITAL LETTER A WITH MACRON
{a-}	a	0101	ā	&amacr	LATIN SMALL LETTER A WITH MACRON
{Au}	A	0102	Ă		LATIN CAPITAL LETTER A WITH BREVE
{au}	a	0103	ă		LATIN SMALL LETTER A WITH BREVE
{A,}	A	0104	Ą		LATIN CAPITAL LETTER A WITH OGONEK
{a,}	a	0105	ą		LATIN SMALL LETTER A WITH OGONEK
{C'}	C	0106	Ć		LATIN CAPITAL LETTER C WITH ACUTE
{c'}	c	0107	ć		LATIN SMALL LETTER C WITH ACUTE
{C^}	C	0108	Ĉ		LATIN CAPITAL LETTER C WITH CIRCUMFLEX
{c^}	c	0109	ĉ		LATIN SMALL LETTER C WITH CIRCUMFLEX
{Cv}	C	010C	Č		LATIN CAPITAL LETTER C WITH CARON
{cv}	c	010D	č		LATIN SMALL LETTER C WITH CARON
{Dv}	D	010E	Ď		LATIN CAPITAL LETTER D WITH CARON
{dv}	d	010F	ď		LATIN SMALL LETTER D WITH CARON
{D/}	D	0110	Đ		LATIN CAPITAL LETTER D WITH STROKE
{d/}	d	0111	đ		LATIN SMALL LETTER D WITH STROKE
{E-}	E	0112	Ē		LATIN CAPITAL LETTER E WITH MACRON
{e-}	e	0113	ē		LATIN SMALL LETTER E WITH MACRON
{Eu}	E	0114	Ĕ		LATIN CAPITAL LETTER E WITH BREVE
{eu}	e	0115	ĕ		LATIN SMALL LETTER E WITH BREVE
{E,}	E	0118	Ę		LATIN CAPITAL LETTER E WITH OGONEK
{e,}	e	0119	ę		LATIN SMALL LETTER E WITH OGONEK
{Ev}	E	011A	Ě		LATIN CAPITAL LETTER E WITH CARON
{ev}	e	011B	ě		LATIN SMALL LETTER E WITH CARON
{G^}	G	011C	Ĝ		LATIN CAPITAL LETTER G WITH CIRCUMFLEX
{g^}	g	011D	ĝ		LATIN SMALL LETTER G WITH CIRCUMFLEX
{Gu}	G	011E	Ğ		LATIN CAPITAL LETTER G WITH BREVE
{gu}	g	011F	ğ		LATIN SMALL LETTER G WITH BREVE
{G,}	G	0122	Ġ		LATIN CAPITAL LETTER G WITH CEDILLA
{g,}	g	0123	ġ		LATIN SMALL LETTER G WITH CEDILLA
{H^}	H	0124	Ĥ		LATIN CAPITAL LETTER H WITH CIRCUMFLEX
{h^}	h	0125	ĥ		LATIN SMALL LETTER H WITH CIRCUMFLEX
{H/}	H	0126	Ħ		LATIN CAPITAL LETTER H WITH STROKE
{h/}	h	0127	ħ		LATIN SMALL LETTER H WITH STROKE

{I~}	I	0128	İ		LATIN CAPITAL LETTER I WITH TILDE
{i~}	i	0129	ı		LATIN SMALL LETTER I WITH TILDE
{I-}	I	012A	Ī		LATIN CAPITAL LETTER I WITH MACRON
{i-}	i	012B	ī		LATIN SMALL LETTER I WITH MACRON
{Iu}	I	012C	Ĭ		LATIN CAPITAL LETTER I WITH BREVE
{iu}	i	012D	ĭ		LATIN SMALL LETTER I WITH BREVE
{I,}	I	012E	Į		LATIN CAPITAL LETTER I WITH OGONEK
{i,}	i	012F	į		LATIN SMALL LETTER I WITH OGONEK
{I.}	I	0130	İ̇		LATIN CAPITAL LETTER I WITH DOT ABOVE
{i}	i	0131	ı		LATIN SMALL LETTER DOTLESS I
{IJ}	IJ	0132	IJ		LATIN CAPITAL LIGATURE IJ
{ij}	ij	0133	ij		LATIN SMALL LIGATURE IJ
{J^}	J	0134	Ĵ		LATIN CAPITAL LETTER J WITH CIRCUMFLEX
{j^}	j	0135	ĵ		LATIN SMALL LETTER J WITH CIRCUMFLEX
{K,}	K	0136	Ķ		LATIN CAPITAL LETTER K WITH CEDILLA
{k,}	k	0137	ķ		LATIN SMALL LETTER K WITH CEDILLA
{L'}	L	0139	Ĺ		LATIN CAPITAL LETTER L WITH ACUTE
{l'}	l	013A	ĺ		LATIN SMALL LETTER L WITH ACUTE
{L,}	L	013B	Ļ		LATIN CAPITAL LETTER L WITH CEDILLA
{l,}	l	013C	ļ		LATIN SMALL LETTER L WITH CEDILLA
{Lv}	L	013D	Ľ		LATIN CAPITAL LETTER L WITH CARON
{lv}	l	013E	ľ		LATIN SMALL LETTER L WITH CARON
{L/}	L	0141	Ł		LATIN CAPITAL LETTER L WITH STROKE
{l/}	l	0142	ł		LATIN SMALL LETTER L WITH STROKE
{N'}	N	0143	Ñ		LATIN CAPITAL LETTER N WITH ACUTE
{n'}	n	0144	ñ		LATIN SMALL LETTER N WITH ACUTE
{N,}	N	0145	Ṇ̃		LATIN CAPITAL LETTER N WITH CEDILLA
{n,}	n	0146	ṇ̃		LATIN SMALL LETTER N WITH CEDILLA
{Nv}	N	0147	Ñ̂		LATIN CAPITAL LETTER N WITH CARON
{nv}	n	0148	ň		LATIN SMALL LETTER N WITH CARON
{Ng}	Ng	014A	Ŋ		LATIN CAPITAL LETTER ENG
{ng}	ng	014B	ŋ		LATIN SMALL LETTER ENG
{O-}	O	014C	Ō		LATIN CAPITAL LETTER O WITH MACRON
{o-}	o	014D	ō		LATIN SMALL LETTER O WITH MACRON
{Ou}	O	014E	Ŏ		LATIN CAPITAL LETTER O WITH BREVE
{ou}	o	014F	ö		LATIN SMALL LETTER O WITH BREVE
{O''}	O	0150	Ŏ̂		LATIN CAPITAL LETTER O WITH DOUBLE ACUTE
{o''}	o	0151	ö̂		LATIN SMALL LETTER O WITH DOUBLE ACUTE
{OE}	OE	0152	Œ	&OElig	LATIN CAPITAL LIGATURE OE
{oe}	oe	0153	œ	&oelig	LATIN SMALL LIGATURE OE
{R'}	R	0154	Ŕ		LATIN CAPITAL LETTER R WITH ACUTE
{r'}	r	0155	ŕ		LATIN SMALL LETTER R WITH ACUTE
{R,}	R	0156	Ŗ		LATIN CAPITAL LETTER R WITH CEDILLA
{r,}	r	0157	ŗ		LATIN SMALL LETTER R WITH CEDILLA
{Rv}	R	0158	Ř		LATIN CAPITAL LETTER R WITH CARON
{rv}	r	0159	ř		LATIN SMALL LETTER R WITH CARON
{S'}	S	015A	Ś		LATIN CAPITAL LETTER S WITH ACUTE
{s'}	s	015B	ś		LATIN SMALL LETTER S WITH ACUTE
{S^}	S	015C	Ŝ		LATIN CAPITAL LETTER S WITH CIRCUMFLEX
{s^}	s	015D	ŝ		LATIN SMALL LETTER S WITH CIRCUMFLEX
{S,}	S	015E	Ș		LATIN CAPITAL LETTER S WITH CEDILLA
{s,}	s	015F	ș		LATIN SMALL LETTER S WITH CEDILLA
{Sv}	S	0160	Š	&Scaron	LATIN CAPITAL LETTER S WITH CARON
{sv}	s	0161	š	&scaron	LATIN SMALL LETTER S WITH CARON
{T,}	T	0162	Ţ		LATIN CAPITAL LETTER T WITH CEDILLA
{t,}	t	0163	ţ		LATIN SMALL LETTER T WITH CEDILLA
{Tv}	T	0164	Ť		LATIN CAPITAL LETTER T WITH CARON
{tv}	t	0165	ť		LATIN SMALL LETTER T WITH CARON

{T/}	T	0166	Ƨ		LATIN CAPITAL LETTER T WITH STROKE
{t}	t	0167	Ƨ		LATIN SMALL LETTER T WITH STROKE
{U~}	U	0168	Ū		LATIN CAPITAL LETTER U WITH TILDE
{u~}	u	0169	ū		LATIN SMALL LETTER U WITH TILDE
{U-}	U	016A	Ū		LATIN CAPITAL LETTER U WITH MACRON
{u-}	u	016B	ū		LATIN SMALL LETTER U WITH MACRON
{Uu}	U	016C	Ū		LATIN CAPITAL LETTER U WITH BREVE
{uu}	u	016D	ū		LATIN SMALL LETTER U WITH BREVE
{Uo}	U	016E	Ū		LATIN CAPITAL LETTER U WITH RING ABOVE
{uo}	u	016F	ū		LATIN SMALL LETTER U WITH RING ABOVE
{U"}	U	0170	Ū		LATIN CAPITAL LETTER U WITH DOUBLE ACUTE
{u"}	u	0171	ū		LATIN SMALL LETTER U WITH DOUBLE ACUTE
{U,}	U	0172	Ū		LATIN CAPITAL LETTER U WITH OGONEK
{u,}	u	0173	ū		LATIN SMALL LETTER U WITH OGONEK
{W^}	W	0174	Ŵ		LATIN CAPITAL LETTER W WITH CIRCUMFLEX
{w^}	w	0175	ŵ		LATIN SMALL LETTER W WITH CIRCUMFLEX
{Y^}	Y	0176	Ŷ		LATIN CAPITAL LETTER Y WITH CIRCUMFLEX
{y^}	y	0177	ŷ		LATIN SMALL LETTER Y WITH CIRCUMFLEX
{Y:}	Y	0178	ÿ	&Yuml	LATIN CAPITAL LETTER Y WITH DIAERESIS
{Z'}	Z	0179	Ž		LATIN CAPITAL LETTER Z WITH ACUTE
{z'}	z	017A	ž		LATIN SMALL LETTER Z WITH ACUTE
{Zv}	Z	017D	Ž		LATIN CAPITAL LETTER Z WITH CARON
{zv}	z	017E	ž	&zcaron	LATIN SMALL LETTER Z WITH CARON
{b/}	b	0180	ƃ		LATIN SMALL LETTER B WITH STROKE
{B-}	Bh	0182	Ɓ		LATIN CAPITAL LETTER B WITH TOPBAR
{b-}	bh	0183	ɓ		LATIN SMALL LETTER B WITH TOPBAR
{D-}	Dh	018B	Ʉ		LATIN CAPITAL LETTER D WITH TOPBAR
{d-}	dh	018C	Ʌ		LATIN SMALL LETTER D WITH TOPBAR
{I/}	I	0197	Ǝ		LATIN CAPITAL LETTER I WITH STROKE
{Z/}	Z	01B5	Ʒ		LATIN CAPITAL LETTER Z WITH STROKE
{z/}	z	01B6	Ʒ		LATIN SMALL LETTER Z WITH STROKE
{Zh}	Zh	01B7	Ʒ		LATIN CAPITAL LETTER EZH
{Av}	A	01CD	Ǻ		LATIN CAPITAL LETTER A WITH CARON
{av}	a	01CE	ǻ		LATIN SMALL LETTER A WITH CARON
{Iv}	I	01CF	Ǫ		LATIN CAPITAL LETTER I WITH CARON
{iv}	i	01D0	ǫ		LATIN SMALL LETTER I WITH CARON
{Ov}	O	01D1	Ǫ		LATIN CAPITAL LETTER O WITH CARON
{ov}	o	01D2	ǫ		LATIN SMALL LETTER O WITH CARON
{Uv}	U	01D3	Ǫ		LATIN CAPITAL LETTER U WITH CARON
{uv}	u	01D4	ǫ		LATIN SMALL LETTER U WITH CARON
{G/}	G	01E4	Ɔ		LATIN CAPITAL LETTER G WITH STROKE
{g/}	g	01E5	Ɔ		LATIN SMALL LETTER G WITH STROKE
{Gv}	G	01E6	Ǫ		LATIN CAPITAL LETTER G WITH CARON
{gv}	g	01E7	ǫ		LATIN SMALL LETTER G WITH CARON
{Kv}	K	01E8	Ǫ		LATIN CAPITAL LETTER K WITH CARON
{kv}	k	01E9	ǫ		LATIN SMALL LETTER K WITH CARON
{O,}	O	01EA	Ǫ		LATIN CAPITAL LETTER O WITH OGONEK
{o,}	o	01EB	ǫ		LATIN SMALL LETTER O WITH OGONEK
{jv}	j	01F0	Ǫ		LATIN SMALL LETTER J WITH CARON
{G'}	G	01F4	Ǫ		LATIN CAPITAL LETTER G WITH ACUTE
{g'}	g	01F5	ǫ		LATIN SMALL LETTER G WITH ACUTE
{"A}	A	0200	Ǻ		LATIN CAPITAL LETTER A WITH DOUBLE GRAVE
{"a}	a	0201	ǻ		LATIN SMALL LETTER A WITH DOUBLE GRAVE
{An}	A	0202	Ǻ		LATIN CAPITAL LETTER A WITH INVERTED BREVE
{an}	a	0203	ǻ		LATIN SMALL LETTER A WITH INVERTED BREVE
{"E}	E	0204	Ǻ		LATIN CAPITAL LETTER E WITH DOUBLE GRAVE
{"e}	e	0205	ǻ		LATIN SMALL LETTER E WITH DOUBLE GRAVE
{En}	E	0206	Ǻ		LATIN CAPITAL LETTER E WITH INVERTED BREVE

{en}	e	0207	ē	LATIN SMALL LETTER E WITH INVERTED BREVE
{"I}	I	0208	Ï	LATIN CAPITAL LETTER I WITH DOUBLE GRAVE
{"i}	i	0209	ï	LATIN SMALL LETTER I WITH DOUBLE GRAVE
{In}	I	020A	Î	LATIN CAPITAL LETTER I WITH INVERTED BREVE
{in}	i	020B	î	LATIN SMALL LETTER I WITH INVERTED BREVE
{"O}	O	020C	Ï	LATIN CAPITAL LETTER O WITH DOUBLE GRAVE
{"o}	o	020D	ï	LATIN SMALL LETTER O WITH DOUBLE GRAVE
{On}	O	020E	Õ	LATIN CAPITAL LETTER O WITH INVERTED BREVE
{on}	o	020F	õ	LATIN SMALL LETTER O WITH INVERTED BREVE
{"R}	R	0210	Ř	LATIN CAPITAL LETTER R WITH DOUBLE GRAVE
{"r}	r	0211	ř	LATIN SMALL LETTER R WITH DOUBLE GRAVE
{Rn}	R	0212	Ř̂	LATIN CAPITAL LETTER R WITH INVERTED BREVE
{rn}	r	0213	ř̂	LATIN SMALL LETTER R WITH INVERTED BREVE
{"U}	U	0214	Û	LATIN CAPITAL LETTER U WITH DOUBLE GRAVE
{"u}	u	0215	û	LATIN SMALL LETTER U WITH DOUBLE GRAVE
{Un}	U	0216	Û̂	LATIN CAPITAL LETTER U WITH INVERTED BREVE
{un}	u	0217	û̂	LATIN SMALL LETTER U WITH INVERTED BREVE
{Gh}	3	021C	Ț	LATIN CAPITAL LETTER YOGH
{3}	3	021D	ț	LATIN SMALL LETTER YOGH
{gh}	3	021D	ț	LATIN SMALL LETTER YOGH
{i/}	i	0268	ı	LATIN SMALL LETTER I WITH STROKE
{zh}	zh	0292	Ʒ	LATIN SMALL LETTER EZH
{Ph}	Ph	03A6	Φ	GREEK CAPITAL LETTER PHI
{Ps}	Ps	03A8	Ψ	GREEK CAPITAL LETTER PSI
{rh}	rh	03C1	ρ	GREEK SMALL LETTER RHO
{ph}	ph	03C6	φ	GREEK SMALL LETTER PHI
{ch}	ch	03C7	χ	GREEK SMALL LETTER CHI
{ps}	ps	03C8	ψ	GREEK SMALL LETTER PSI
{B.}	B	1E04	Ḃ	LATIN CAPITAL LETTER B WITH DOT BELOW
{b.}	b	1E05	ḃ	LATIN SMALL LETTER B WITH DOT BELOW
{B_}	B	1E06	Ḅ	LATIN CAPITAL LETTER B WITH LINE BELOW
{b_}	b	1E07	ḅ	LATIN SMALL LETTER B WITH LINE BELOW
{D.}	D	1E0C	Ḍ	LATIN CAPITAL LETTER D WITH DOT BELOW
{d.}	d	1E0D	ḍ	LATIN SMALL LETTER D WITH DOT BELOW
{D_}	D	1E0E	Ḏ	LATIN CAPITAL LETTER D WITH LINE BELOW
{d_}	d	1E0F	ḏ	LATIN SMALL LETTER D WITH LINE BELOW
{D,}	D	1E10	Ḑ	LATIN CAPITAL LETTER D WITH CEDILLA
{d,}	d	1E11	ḑ	LATIN SMALL LETTER D WITH CEDILLA
{G-}	G	1E20	Ḡ	LATIN CAPITAL LETTER G WITH MACRON
{g-}	g	1E21	ḡ	LATIN SMALL LETTER G WITH MACRON
{H.}	H	1E24	Ḥ	LATIN CAPITAL LETTER H WITH DOT BELOW
{h.}	h	1E25	ḥ	LATIN SMALL LETTER H WITH DOT BELOW
{H:}	H	1E26	Ḧ	LATIN CAPITAL LETTER H WITH DIAERESIS
{h:}	h	1E27	ḧ	LATIN SMALL LETTER H WITH DIAERESIS
{H,}	H	1E28	Ḩ	LATIN CAPITAL LETTER H WITH CEDILLA
{h,}	h	1E29	ḩ	LATIN SMALL LETTER H WITH CEDILLA
{K'}	K	1E30	Ḷ	LATIN CAPITAL LETTER K WITH ACUTE
{k'}	k	1E31	ḷ	LATIN SMALL LETTER K WITH ACUTE
{K.}	K	1E32	Ḹ	LATIN CAPITAL LETTER K WITH DOT BELOW
{k.}	k	1E33	ḹ	LATIN SMALL LETTER K WITH DOT BELOW
{K_}	K	1E34	Ḻ	LATIN CAPITAL LETTER K WITH LINE BELOW
{k_}	k	1E35	ḻ	LATIN SMALL LETTER K WITH LINE BELOW
{L.}	L	1E36	Ḽ	LATIN CAPITAL LETTER L WITH DOT BELOW
{l.}	l	1E37	ḽ	LATIN SMALL LETTER L WITH DOT BELOW
{L_}	L	1E3A	Ḿ	LATIN CAPITAL LETTER L WITH LINE BELOW
{l_}	l	1E3B	ḿ	LATIN SMALL LETTER L WITH LINE BELOW
{M'}	M	1E3E	Ḻ	LATIN CAPITAL LETTER M WITH ACUTE
{m'}	m	1E3F	ḻ	LATIN SMALL LETTER M WITH ACUTE

{M.}	M	1E42	M	LATIN CAPITAL LETTER M WITH DOT BELOW
{m.}	m	1E43	m	LATIN SMALL LETTER M WITH DOT BELOW
{N.}	N	1E46	N	LATIN CAPITAL LETTER N WITH DOT BELOW
{n.}	n	1E47	n	LATIN SMALL LETTER N WITH DOT BELOW
{N_}	N	1E48	N̄	LATIN CAPITAL LETTER N WITH LINE BELOW
{n_}	n	1E49	n̄	LATIN SMALL LETTER N WITH LINE BELOW
{P'}	P	1E54	Ṗ	LATIN CAPITAL LETTER P WITH ACUTE
{p'}	p	1E55	ṗ	LATIN SMALL LETTER P WITH ACUTE
{R.}	R	1E5A	Ṙ	LATIN CAPITAL LETTER R WITH DOT BELOW
{r.}	r	1E5B	ṙ	LATIN SMALL LETTER R WITH DOT BELOW
{R_}	R	1E5E	R̄	LATIN CAPITAL LETTER R WITH LINE BELOW
{r_}	r	1E5F	r̄	LATIN SMALL LETTER R WITH LINE BELOW
{S.}	S	1E62	Ṡ	LATIN CAPITAL LETTER S WITH DOT BELOW
{s.}	s	1E63	ṡ	LATIN SMALL LETTER S WITH DOT BELOW
{T.}	T	1E6C	Ṫ	LATIN CAPITAL LETTER T WITH DOT BELOW
{t.}	t	1E6D	ṫ	LATIN SMALL LETTER T WITH DOT BELOW
{T_}	T	1E6E	T̄	LATIN CAPITAL LETTER T WITH LINE BELOW
{t_}	t	1E6F	t̄	LATIN SMALL LETTER T WITH LINE BELOW
{V~}	V	1E7C	Ṽ	LATIN CAPITAL LETTER V WITH TILDE
{v~}	v	1E7D	ṽ	LATIN SMALL LETTER V WITH TILDE
{V.}	V	1E7E	V̇	LATIN CAPITAL LETTER V WITH DOT BELOW
{v.}	v	1E7F	v̇	LATIN SMALL LETTER V WITH DOT BELOW
{W}	W	1E80	Ẁ	LATIN CAPITAL LETTER W WITH GRAVE
{w}	w	1E81	w̘	LATIN SMALL LETTER W WITH GRAVE
{W'}	W	1E82	Ẃ	LATIN CAPITAL LETTER W WITH ACUTE
{w'}	w	1E83	w̙	LATIN SMALL LETTER W WITH ACUTE
{W:}	W	1E84	Ẅ	LATIN CAPITAL LETTER W WITH DIAERESIS
{w:}	w	1E85	w̚	LATIN SMALL LETTER W WITH DIAERESIS
{W.}	W	1E88	Ẅ̇	LATIN CAPITAL LETTER W WITH DOT BELOW
{w.}	w	1E89	ẇ̚	LATIN SMALL LETTER W WITH DOT BELOW
{X:}	X	1E8C	Ẋ	LATIN CAPITAL LETTER X WITH DIAERESIS
{x:}	x	1E8D	x̘	LATIN SMALL LETTER X WITH DIAERESIS
{Z^}	Z	1E90	Ž	LATIN CAPITAL LETTER Z WITH CIRCUMFLEX
{z^}	z	1E91	ž	LATIN SMALL LETTER Z WITH CIRCUMFLEX
{Z.}	Z	1E92	Ż	LATIN CAPITAL LETTER Z WITH DOT BELOW
{z.}	z	1E93	ż	LATIN SMALL LETTER Z WITH DOT BELOW
{Z_}	Z	1E94	Z̄	LATIN CAPITAL LETTER Z WITH LINE BELOW
{z_}	z	1E95	z̄	LATIN SMALL LETTER Z WITH LINE BELOW
{h_}	h	1E96	h̄	LATIN SMALL LETTER H WITH LINE BELOW
{t:}	t	1E97	ţ	LATIN SMALL LETTER T WITH DIAERESIS
{wo}	w	1E98	w̥	LATIN SMALL LETTER W WITH RING ABOVE
{yo}	y	1E99	y̥	LATIN SMALL LETTER Y WITH RING ABOVE
{A.}	A	1EA0	À	LATIN CAPITAL LETTER A WITH DOT BELOW
{a.}	a	1EA1	à	LATIN SMALL LETTER A WITH DOT BELOW
{E.}	E	1EB8	È	LATIN CAPITAL LETTER E WITH DOT BELOW
{e.}	e	1EB9	è	LATIN SMALL LETTER E WITH DOT BELOW
{E~}	E	1EBC	Ě	LATIN CAPITAL LETTER E WITH TILDE
{e~}	e	1EBD	ě	LATIN SMALL LETTER E WITH TILDE
{i.}	i	1ECB	İ	LATIN SMALL LETTER I WITH DOT BELOW
{O.}	O	1ECC	Ȫ	LATIN CAPITAL LETTER O WITH DOT BELOW
{o.}	o	1ECD	ȫ	LATIN SMALL LETTER O WITH DOT BELOW
{U.}	U	1EE4	Ȫ	LATIN CAPITAL LETTER U WITH DOT BELOW
{u.}	u	1EE5	ȫ	LATIN SMALL LETTER U WITH DOT BELOW
{Y}	Y	1EF2	Ỳ	LATIN CAPITAL LETTER Y WITH GRAVE
{y}	y	1EF3	ỳ	LATIN SMALL LETTER Y WITH GRAVE
{Y.}	Y	1EF4	Ỳ̇	LATIN CAPITAL LETTER Y WITH DOT BELOW
{y.}	y	1EF5	ỳ̇	LATIN SMALL LETTER Y WITH DOT BELOW
{Y~}	Y	1EF8	Ỳ̃	LATIN CAPITAL LETTER Y WITH TILDE

{y~}	y	1EF9	ÿ		LATIN SMALL LETTER Y WITH TILDE
{ff}	ff	FB00			LATIN SMALL LIGATURE FF
{fi}	fi	FB01	fi		LATIN SMALL LIGATURE FI
{fl}	fl	FB02	fl		LATIN SMALL LIGATURE FL
{st}	st	FB06	st		LATIN SMALL LIGATURE ST
{u!}	u	E724	ù	&uvertline	LATIN LOWERCASE U WITH VERTICAL LINE ABOVE
{Jv}	J	E14B	Ĵ		LATIN CAPITAL LETTER J WITH CARON