SIL PUA 9.0

Non-Roman Script Initiative (NRSI)

Introduction

In preparing fonts to facilitate corporate transition to Unicode, NRSI has attempted to create a font that will meet the character needs of users working with Latin or Cyrillic scripts throughout the corporation. In order to achieve this, it was necessary to identify private-use character needs related to these scripts from all entities. Documented here are the code-points for each of the Private Use Area (PUA) characters which have been assigned to the corporate area of the PUA.

Character properties are listed in the UCD-SIL_PUA[date].xls file which shall be distributed with this document.

Rationale for adding these characters is in Appendix A.

A list of characters which were in our corporate PUA but have been added to Unicode are listed in Appendix B.

Characters which were rejected, or have not yet been added to the PUA, are described in Appendix C.

Summary chart

The following chart shows characters which have been accepted into the SIL Corporate PUA at their code points.

Cell shading is used as follows:

Characters previously accepted to SIL's PUA but recommended for deprecation (15)

Characters added to Unicode, recommended for deprecation (212)

Characters approved for addition to an unpublished version of Unicode.[1] (0)

Characters not accepted (or rejected) for addition to Unicode. (13)

Characters which have not been proposed for addition to Unicode. (21)

Total PUA characters: 261.

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[1] http://www.unicode.org/alloc/Pipeline.html

	F13	F17	F18	F19	F1A	F1B	F1C	F1D	F1E	F1F
0	F130	⊙ F170	m F180	p F190	ɒ F1A0	ʉ F1B0	ɱ F1C0	Γ F1D0	F1E0	
1	F131	⊙ F171	ɲ F181	t F191	æ F1A1	ʊ F1B1	ɳ F1C1	⊢ F1D1	F1E1	F1F1
2	F132	⊙ F172	ŋ F182	u F192	ç F1A2	ɰ F1B2	N F1C2	⊢ F1D2	F1E2	F1F2
3	F133	⊙ F173	a F183	ɯ F193	ɘ F1A3	ʌ F1B3	ɸ F1C3	⊢ F1D3	F1E3	F1F3
4	F134	⊙ F174	ɐ F184	ʋ F194	ɵ F1A4	ʏ F1B4	ṣ F1C4	∟ F1D4	F1E4	F1F4
5	F135	⊙ F175	ɑ F185	` F195	f F1A5	ɤ F1B5	ʈ F1C5	˙| F1D5	F1E5	F1F5
6		⊙⊙ F176	b F186		F196	g F1A6	z F1B6	ʋ F1C6	·| F1D6	F1E6	F1F6
7		⊙⊙ F177	d F187	´ F197	ɨ F1A7	ʐ F1B7	z̧ F1C7	·| F1D7	F1E7	F1F7
8		r F178	e F188	·| F198	ɪ F1A8	ʒ F1B8	ʔ F1C8	·| F1D8	F1E8	F1F8
9		~ F179	ə F189	ʮ F199	ɟ F1A9	c F1B9	θ F1C9	·| F1D9	F1E9	F1F9
A		⊙ F17A	ɛ F18A	÷ F19A	ɭ F1AA	ð F1BA	ɩ F1CA	˙| F1DA	F1EA	
B		⊙ F17B	ɜ F18B	⌐ F19B	ø F1AB	ɥ F1BB	ɫ F1CB	˙| F1DB		
C			g F18C	↑ F19C	θ F1AC	ħ F1BC	U F1CC	˙| F1DC		
D			k F18D	↓ F19D	œ F1AD	ɟ F1BD	ᴚ F1CD	˙| F1DD		
E			o F18E	! F19E	Œ F1AE	ɭ̧ F1BE	ʎ F1CE	˙| F1DE		
F			ɔ F18F	ǀ F19F	ʃ F1AF	ʟ F1BF		F1DF		

	F20	F21	F22	F23	F24	F25	F26	F30	F32
0	F200	F210	F220	F230	F240	F250	F260	F300	F320
1	F201	F211	F221	F231	F241	F251	F261	F301	F321
2	F202	F212	F222	F232	F242	F252	F262	F302	F322
3	F203	F213	F223	F233	F243	F253	F263	F303	F323
4	F204	F214	F224	F234	F244	F254	F264		F324
5	F205	F215	F225	F235	F245	F255	F265		F325
6	F206	F216	F226	F236	F246	F256	F266		F326
7	F207	F217	F227	F237	F247	F257	F267		F327
8	F208	F218	F228	F238	F248	F258	F268		F328
9	F209	F219	F229	F239	F249	F259	F269		F329
A	F20A	F21A	F22A	F23A	F24A	F25A	F26A		F32A
B	F20B	F21B	F22B	F23B	F24B	F25B	F26B		F26B
C	F20C	F21C	F22C	F23C	F24C	F25C	F26C		F32C
D	F20D	F21D	F22D	F23D	F24D	F25D	F26D		F32D
E	F20E	F21E	F22E	F23E	F24E	F25E			
F	F20F	F21F	F22F	F23F	F24F	F25F			

Character Names List

Specials

F130	‡	FONT BASELINE AND SIDE-BEARING MARKER LEFT
F131	‡	FONT BASELINE AND SIDE-BEARING MARKER RIGHT
F132	]	FONT VERTICAL METRICS MARKER LEFT
F133	[	FONT VERTICAL METRICS MARKER RIGHT
F134	][	OPENING LOW RIGHT-ANGLE TEXT BRACKET *Deprecated (use U+230A)*
F135	][	CLOSING LOW RIGHT-ANGLE TEXT BRACKET *Deprecated (use U+230B)*

Combining Marks

F170	ọ̣	COMBINING SNAKE BELOW *Deprecated (added to Unicode 4.1 as 1DC2)*
F171	ő	COMBINING MACRON-ACUTE *Deprecated (added to Unicode 5.0 as 1DC4)*
F172	ŏ	COMBINING GRAVE-MACRON *Deprecated (added to Unicode 5.0 as 1DC5)*
F173	ȍ	COMBINING MACRON-GRAVE *Deprecated (added to Unicode 5.0 as 1DC6)*
F174	ő	COMBINING ACUTE-MACRON *Deprecated (added to Unicode 5.0 as 1DC7)*
F175	ŏ	COMBINING GRAVE-ACUTE-GRAVE *Deprecated (added to Unicode 5.0 as 1DC8)*
F176	◌◌	COMBINING DOUBLE BREVE BELOW *Deprecated (added to Unicode 4.1 as 035C)*
F177	◌◌	COMBINING DOUBLE MACRON *Deprecated (added to Unicode 4.0 as 035E)*
F178	ọ	COMBINING LATIN SMALL LETTER R BELOW *Deprecated (added to Unicode 5.0 as 1DCA)*
F179	õ	COMBINING ACUTE-GRAVE-ACUTE *Deprecated (added to Unicode 5.0 as 1DC9)*

F17A	◌̈◌	COMBINING DOUBLE DIAERESIS *Deprecated (use U+0308)*
F17B	◌	COMBINING ALMOST EQUAL TO BELOW *Deprecated (added to Unicode 5.2 as 1DFD)*

Modifier Letters

F180	ᵐ	MODIFIER LETTER SMALL M *Deprecated (added to Unicode 4.0 as 1D50)*
F181	ᶇ	MODIFIER LETTER SMALL N WITH LEFT HOOK *Deprecated (added to Unicode 4.1 as 1DAE)*
F182	ᵑ	MODIFIER LETTER SMALL LETTER ENG *Deprecated (added to Unicode 4.0 as 1D51)*
F183	ᵃ	MODIFIER LETTER SMALL A *Deprecated (added to Unicode 4.0 as 1D43)*
F184	ᵄ	MODIFIER LETTER SMALL TURNED A *Deprecated (added to Unicode 4.0 as 1D44)*
F185	ᵅ	MODIFIER LETTER SMALL LATIN ALPHA *Deprecated (added to Unicode 4.0 as 1D45)*
F186	ᵇ	MODIFIER LETTER SMALL B *Deprecated (added to Unicode 4.0 as 1D47)*
F187	ᵈ	MODIFIER LETTER SMALL D *Deprecated (added to Unicode 4.0 as 1D48)*
F188	ᵉ	MODIFIER LETTER SMALL E *Deprecated (added to Unicode 4.0 as 1D49)*
F189	ᵊ	MODIFIER LETTER SMALL SCHWA *Deprecated (added to Unicode 4.0 as 1D4A)*
F18A	ᵋ	MODIFIER LETTER SMALL OPEN E *Deprecated (added to Unicode 4.0 as 1D4B)*
F18B	ᵌ	MODIFIER LETTER SMALL REVERSED OPEN E *Deprecated (added to Unicode 4.1 as 1D9F)*

F18C		MODIFIER LETTER SMALL G *Deprecated (added to Unicode 4.0 as 1D4D)*
F18D		MODIFIER LETTER SMALL K *Deprecated (added to Unicode 4.0 as 1D4F)*
F18E		MODIFIER LETTER SMALL O *Deprecated (added to Unicode 4.0 as 1D52)*
F18F		MODIFIER LETTER SMALL OPEN O *Deprecated (added to Unicode 4.0 as 1D53)*
F190		MODIFIER LETTER SMALL P *Deprecated (added to Unicode 4.0 as 1D56)*
F191		MODIFIER LETTER SMALL T *Deprecated (added to Unicode 4.0 as 1D57)*
F192		MODIFIER LETTER SMALL U *Deprecated (added to Unicode 4.0 as 1D58)*
F193		MODIFIER LETTER SMALL TURNED M *Deprecated (added to Unicode 4.0 as 1D5A)*
F194		MODIFIER LETTER SMALL V *Deprecated (added to Unicode 4.0 as 1D5B)*
F195		MODIFIER LETTER CHINANTEC TONE MARK BACKSLASH *Deprecated (use U+02CB)*
F196		MODIFIER LETTER CHINANTEC TONE MARK VERTICAL BAR *Deprecated (use U+02C8)*
F197		MODIFIER LETTER CHINANTEC TONE MARK SLASH *Deprecated (use U+02CA)*
F198		MODIFIER LETTER DOT VERTICAL BAR *= MODIFIER LETTER CHINANTEC TONE MARK DOT VERTICAL BAR* *Deprecated (added to Unicode 5.0 as A717)*
F199		MODIFIER LETTER DOT SLASH *= MODIFIER LETTER CHINANTEC TONE MARK DOT SLASH* *Deprecated (added to Unicode 5.0 as A718)*
F19A		MODIFIER LETTER DOT HORIZONTAL BAR *= MODIFIER LETTER CHINANTEC TONE MARK DOT BAR* *Deprecated (added to Unicode 5.0 as A719)*
F19B		MODIFIER LETTER LOWER RIGHT CORNER ANGLE *= MODIFIER LETTER CHINANTEC TONE MARK LOWER RIGHT CORNER ANGLE* *Deprecated (added to Unicode 5.0 as A71A)*
F19C		MODIFIER LETTER RAISED UP ARROW *Deprecated (added to Unicode 5.1 as A71B)*
F19D		MODIFIER LETTER RAISED DOWN ARROW *Deprecated (added to Unicode 5.1 as A71C)*
F19E		MODIFIER LETTER AFRICANIST DOWNSTEP *= MODIFIER LETTER RAISED EXCLAMATION MARK* *Deprecated (added to Unicode 5.1 as A71D)*
F19F		MODIFIER LETTER AFRICANIST UPSTEP *Deprecated (added to Unicode 5.1 as A71E)*
F1A0		MODIFIER LETTER SMALL TURNED ALPHA *= MODIFIER LETTER SMALL TURNED LATIN ALPHA* *Deprecated (added to Unicode 4.1 as 1D9B)*
F1A1		MODIFIER LETTER SMALL AE
F1A2		MODIFIER LETTER SMALL C WITH CURL *Deprecated (added to Unicode 4.1 as 1D9D)*
F1A3		MODIFIER LETTER SMALL REVERSED E
F1A4		MODIFIER LETTER SMALL CLOSED REVERSED OPEN E
F1A5		MODIFIER LETTER SMALL F *Deprecated (added to Unicode 4.1 as 1DA0)*
F1A6		MODIFIER LETTER SMALL SCRIPT G *Deprecated (added to Unicode 4.1 as 1DA2)*

F1A7		MODIFIER LETTER SMALL I WITH STROKE
		Deprecated (added to Unicode 4.1 as 1DA4)
F1A8		MODIFIER LETTER SMALL CAPITAL I
		Deprecated (added to Unicode 4.1 as 1DA6)
F1A9		MODIFIER LETTER SMALL DOTLESS J WITH STROKE
		Deprecated (added to Unicode 4.1 as 1DA1)
F1AA		MODIFIER LETTER SMALL L WITH RETROFLEX HOOK
		Deprecated (added to Unicode 4.1 as 1DA9)
F1AB		MODIFIER LETTER SMALL O WITH STROKE
F1AC		MODIFIER LETTER SMALL BARRED O
		Deprecated (added to Unicode 4.1 as 1DB1)
F1AD		MODIFIER LETTER SMALL LIGATURE OE
		Deprecated (added to Unicode 6.1 as A7F9)
F1AE		MODIFIER LETTER SMALL CAPITAL OE
F1AF		MODIFIER LETTER SMALL ESH
		Deprecated (added to Unicode 4.1 as 1DB4)
F1B0		MODIFIER LETTER SMALL U BAR
		Deprecated (added to Unicode 4.1 as 1DB6)
F1B1		MODIFIER LETTER SMALL UPSILON
		Deprecated (added to Unicode 4.1 as 1DB7)
F1B2		MODIFIER LETTER SMALL TURNED M WITH LONG LEG
		Deprecated (added to Unicode 4.1 as 1DAD)
F1B3		MODIFIER LETTER SMALL TURNED V
		Deprecated (added to Unicode 4.1 as 1DBA)
F1B4		MODIFIER LETTER SMALL CAPITAL Y
F1B5		MODIFIER LETTER SMALL RAMS HORN
F1B6		MODIFIER LETTER SMALL Z
		Deprecated (added to Unicode 4.1 as 1DBB)

F1B7		MODIFIER LETTER SMALL Z WITH CURL
		Deprecated (added to Unicode 4.1 as 1DBD)
F1B8		MODIFIER LETTER SMALL EZH
		Deprecated (added to Unicode 4.1 as 1DBE)
F1B9		MODIFIER LETTER SMALL C
		Deprecated (added to Unicode 4.1 as 1D9C)
F1BA		MODIFIER LETTER SMALL ETH
		Deprecated (added to Unicode 4.1 as 1D9E)
F1BB		MODIFIER LETTER SMALL TURNED H
		Deprecated (added to Unicode 4.1 as 1DA3)
F1BC		MODIFIER LETTER SMALL H WITH STROKE
F1BD		MODIFIER LETTER SMALL J WITH CROSSED-TAIL
		= MODIFIER LETTER SMALL J WITH CROSSED TAIL
		Deprecated (added to Unicode 4.1 as 1DA8)
F1BE		MODIFIER LETTER SMALL L WITH PALATAL HOOK
		Deprecated (added to Unicode 4.1 as 1DAA)
F1BF		MODIFIER LETTER SMALL CAPITAL L
		Deprecated (added to Unicode 4.1 as 1DAB)
F1C0		MODIFIER LETTER SMALL M WITH HOOK
		Deprecated (added to Unicode 4.1 as 1DAC)
F1C1		MODIFIER LETTER SMALL N WITH RETROFLEX HOOK
		Deprecated (added to Unicode 4.1 as 1DAF)
F1C2		MODIFIER LETTER SMALL CAPITAL N
		Deprecated (added to Unicode 4.1 as 1DB0)
F1C3		MODIFIER LETTER SMALL PHI
		Deprecated (added to Unicode 4.1 as 1DB2)
F1C4		MODIFIER LETTER SMALL S WITH HOOK
		Deprecated (added to Unicode 4.1 as 1DB3)

F1C5		MODIFIER LETTER SMALL T WITH PALATAL HOOK	F1D5		MODIFIER LETTER EXTRA-HIGH DOTTED TONE BAR
		Deprecated (added to Unicode 4.1 as 1DB5)			*Deprecated (added to Unicode 4.1 as A708)*
F1C6		MODIFIER LETTER SMALL V WITH HOOK	F1D6		MODIFIER LETTER HIGH DOTTED TONE BAR
		Deprecated (added to Unicode 4.1 as 1DB9)			*Deprecated (added to Unicode 4.1 as A709)*
F1C7		MODIFIER LETTER SMALL Z WITH RETROFLEX HOOK	F1D7		MODIFIER LETTER MID DOTTED TONE BAR
		Deprecated (added to Unicode 4.1 as 1DBC)			*Deprecated (added to Unicode 4.1 as A70A)*
F1C8		MODIFIER LETTER SMALL GLOTTAL STOP	F1D8		MODIFIER LETTER LOW DOTTED TONE BAR
		Deprecated (use U+02C0)			*Deprecated (added to Unicode 4.1 as A70B)*
F1C9		MODIFIER LETTER SMALL THETA	F1D9		MODIFIER LETTER EXTRA-LOW DOTTED TONE BAR
		= *MODIFIER LETTER THETA*			*Deprecated (added to Unicode 4.1 as A70C)*
		Deprecated (added to Unicode 4.1 as 1DBF)	F1DA		MODIFIER LETTER EXTRA-HIGH DOTTED LEFT-STEM TONE BAR
F1CA		MODIFIER LETTER SMALL IOTA			*Deprecated (added to Unicode 4.1 as A70D)*
		Deprecated (added to Unicode 4.1 as 1DA5)	F1DB		MODIFIER LETTER HIGH DOTTED LEFT-STEM TONE BAR
F1CB		MODIFIER LETTER SMALL CAPITAL I WITH STROKE			*Deprecated (added to Unicode 4.1 as A70E)*
		Deprecated (added to Unicode 4.1 as 1DA7)	F1DC		MODIFIER LETTER MID DOTTED LEFT-STEM TONE BAR
F1CC		MODIFIER LETTER SMALL CAPITAL U			*Deprecated (added to Unicode 4.1 as A70F)*
		Deprecated (added to Unicode 4.1 as 1DB8)	F1DD		MODIFIER LETTER LOW DOTTED LEFT-STEM TONE BAR
F1CD		MODIFIER LETTER SMALL CAPITAL U BAR			*Deprecated (added to Unicode 4.1 as A710)*
F1CE		MODIFIER LETTER SMALL TURNED Y	F1DE		MODIFIER LETTER EXTRA-LOW DOTTED LEFT-STEM TONE BAR
F1D0		MODIFIER LETTER EXTRA-HIGH LEFT-STEM TONE BAR			*Deprecated (added to Unicode 4.1 as A711)*
		Deprecated (added to Unicode 4.1 as A712)	F1DF		MODIFIER LETTER CHINESE TONE YIN PING
F1D1		MODIFIER LETTER HIGH LEFT-STEM TONE BAR			*Deprecated (added to Unicode 4.1 as A700)*
		Deprecated (added to Unicode 4.1 as A713)	F1E0		MODIFIER LETTER CHINESE TONE YIN SHANG
F1D2		MODIFIER LETTER MID LEFT-STEM TONE BAR			*Deprecated (added to Unicode 4.1 as A702)*
		Deprecated (added to Unicode 4.1 as A714)	F1E1		MODIFIER LETTER CHINESE TONE YIN QU
F1D3		MODIFIER LETTER LOW LEFT-STEM TONE BAR			*Deprecated (added to Unicode 4.1 as A704)*
		Deprecated (added to Unicode 4.1 as A715)	F1E2		MODIFIER LETTER CHINESE TONE YIN RU
F1D4		MODIFIER LETTER EXTRA-LOW LEFT-STEM TONE BAR			*Deprecated (added to Uni 4.1 as A706)*
		Deprecated (added to Unicode 4.1 as A716)			

Code	Glyph	Description
F1E3		MODIFIER LETTER CHINESE TONE YANG PING *Deprecated (added to Unicode 4.1 as A701)*
F1E4		MODIFIER LETTER CHINESE TONE YANG SHANG *Deprecated (added to Unicode 4.1 as A703)*
F1E5		MODIFIER LETTER CHINESE TONE YANG QU *Deprecated (added to Unicode 4.1 as A705)*
F1E6		MODIFIER LETTER CHINESE TONE YANG RU *Deprecated (added to Unicode 4.1 as A707)*
F1E7		MODIFIER LETTER LOW CIRCUMFLEX ACCENT *Deprecated (added to Unicode 5.1 as A788)*
F1E8		MODIFIER LETTER LOW CARON *Deprecated (use U+02EC)*
F1E9		MODIFIER LETTER COLON *Deprecated (added to Unicode 5.1 as A789)*
F1EA		MODIFIER LETTER SHORT EQUALS SIGN *= MODIFIER LETTER SHORT EQUAL* *Deprecated (added to Unicode 5.1 as A78A)*
F1F1		MODIFIER LETTER PITCH ONE
F1F2		MODIFIER LETTER PITCH TWO
F1F3		MODIFIER LETTER PITCH THREE
F1F4		MODIFIER LETTER PITCH FOUR
F1F5		MODIFIER LETTER PITCH FIVE
F1F6		MODIFIER LETTER PITCH SIX
F1F7		MODIFIER LETTER PITCH SEVEN
F1F8		MODIFIER LETTER PITCH EIGHT
F1F9		MODIFIER LETTER PITCH NINE

Latin

Code	Glyph	Description
F200		LATIN LETTER SMALL CAPITAL A *Deprecated (added to Unicode 4.0 as 1D00)*
F201		LATIN SMALL LETTER D WITH CURL *Deprecated (added to Unicode 4.0 as 0221)*
F202		LATIN LETTER SMALL CAPITAL E *Deprecated (added to Unicode 4.0 as 1D07)*
F203		LATIN SMALL LETTER L WITH CURL *Deprecated (added to Unicode 4.0 as 0234)*
F204		LATIN SMALL LETTER N WITH CURL *Deprecated (added to Unicode 4.0 as 0235)*
F205		LATIN SMALL LETTER T WITH CURL *Deprecated (added to Unicode 4.0 as 0236)*
F206		LATIN SMALL LETTER TURNED H WITH FISHHOOK *Deprecated (added to Unicode 4.0 as 02AE)*
F207		LATIN SMALL LETTER TURNED H WITH FISHHOOK AND TAIL *Deprecated (added to Unicode 4.0 as 02AF)*
F208		LATIN CAPITAL LETTER SMALL ALPHA *Deprecated (added to Unicode 5.1 as 2C6D)*
F209		LATIN CAPITAL LETTER SMALL TURNED ALPHA *Deprecated (added to Unicode 5.2 as 2C70)*
F20A		LATIN CAPITAL LETTER B WITH STROKE *Deprecated (added to Unicode 5.0 as 0243)*
F20B		*LATIN SMALL LETTER C WITH STROKE* *Deprecated (added to Unicode 4.1 as 023C)*
F20C		*LATIN SMALL LETTER D WITH HOOK AND TAIL* *= LATIN SMALL LETTER D WITH TAIL AND HOOK* *Deprecated (added to Unicode 4.1 as 1D91)*
F20D		LATIN CAPITAL LETTER D WITH STROKE AND HOOK
F20E		LATIN SMALL LETTER L WITH DOUBLE BAR =LATIN SMALL LETTER DOUBLE-BARRED L *Deprecated (added to Unicode 5.0 as 2C61)*
F20F		LATIN CAPITAL LETTER L WITH DOUBLE BAR =LATIN CAPITAL LETTER DOUBLE-BARRED L *Deprecated (added to Unicode 5.0 as 2C60)*

F210	p̶	LATIN SMALL LETTER P WITH STROKE *Deprecated (added to Unicode 4.1 as 1D7D)*
F211	q	LATIN SMALL LETTER Q WITH HOOK TAIL *Deprecated (added to Unicode 5.0 as 024B)*
F212	Q	LATIN CAPITAL LETTER SMALL Q WITH HOOK TAIL *Deprecated (added to Unicode 5.0 as 024A)*
F213	r̶	LATIN SMALL LETTER R WITH STROKE *Deprecated (added to Unicode 5.0 as 024D)*
F214	R̶	LATIN CAPITAL LETTER R WITH STROKE *Deprecated (added to Unicode 5.0 as 024C)*
F215	Ɽ	LATIN CAPITAL LETTER R WITH TAIL *= LATIN CAPITAL LETTER SMALL R WITH TAIL* *Deprecated (added to Unicode 5.0 as 2C64)*
F216	ʃ	LATIN SMALL LETTER ESH WITH RETROFLEX HOOK *= LATIN SMALL LETTER ESH WITH HOOK* *Deprecated (added to Unicode 4.1 as 1D98)*
F217	Ƹ	LATIN CAPITAL LETTER ESH REVERSED *Deprecated (glyph variant of U+01B7)*
F218	Ʉ	LATIN CAPITAL LETTER U BAR *Deprecated (added to Unicode 5.0 as 0244)*
F219	Λ	LATIN CAPITAL LETTER TURNED V *Deprecated (added to Unicode 5.0 as 0245)*
F21A	w	LATIN SMALL LETTER W WITH HOOK *Deprecated (added to Unicode 5.1 as 2C73)*
F21B	W	LATIN CAPITAL LETTER W WITH HOOK *Deprecated (added to Unicode 5.1 as 2C72)*
F21C	ʒ	LATIN SMALL LETTER EZH WITH RETROFLEX HOOK *= LATIN SMALL LETTER EZH WITH HOOK* *Deprecated (added to Unicode 4.1 as 1D9A)*
F21D	ꞌ	LATIN SMALL LETTER SALTILLO *=MODIFIER LETTER STRAIGHT APOSTROPHE* *= LATIN LETTER DOTLESS EXCLAMATION* *Deprecated (added to Unicode 5.1 as A78C)*
F21E	ʔ	LATIN SMALL LETTER GLOTTAL STOP *Deprecated (added to Unicode 5.0 as 0242)*
F21F	Ƚ	LATIN CAPITAL LETTER L WITH BAR *Deprecated (added to Unicode 4.1 as 023D)*
F220	e̶	LATIN SMALL LETTER E WITH STROKE *Deprecated (added to Unicode 5.0 as 0247)*
F221	E̶	LATIN CAPITAL LETTER E WITH STROKE *Deprecated (added to Unicode 5.0 as 0246)*
F222	h	LATIN SMALL LETTER H WITH DESCENDER *Deprecated (added to Unicode 5.0 as 2C68)*
F223	H	LATIN CAPITAL LETTER H WITH DESCENDER *Deprecated (added to Unicode 5.0 as 2C67)*
F224	b	LATIN SMALL LETTER B WITH PALATAL HOOK *Deprecated (added to Unicode 4.1 as 1D80)*
F225	c	LATIN SMALL LETTER C WITH PALATAL HOOK *Deprecated (added to Unicode 7.0 as A794)*
F226	d	LATIN SMALL LETTER D WITH PALATAL HOOK *Deprecated (added to Unicode 4.1 as 1D81)*
F227	f	LATIN SMALL LETTER F WITH PALATAL HOOK *Deprecated (added to Unicode 4.1 as 1D82)*
F228	g	LATIN SMALL LETTER G WITH PALATAL HOOK *Deprecated (added to Unicode 4.1 as 1D83)*
F229	k	LATIN SMALL LETTER K WITH PALATAL HOOK *Deprecated (added to Unicode 4.1 as 1D84)*

F22A	l	LATIN SMALL LETTER L WITH PALATAL HOOK		F239	ɛ	LATIN SMALL LETTER OPEN E WITH RETROFLEX HOOK
		Deprecated (added to Unicode 4.1 as 1D85)				*Deprecated (added to Unicode 4.1 as 1D93)*
F22B	m	LATIN SMALL LETTER M WITH PALATAL HOOK		F23A	ɜ	LATIN SMALL LETTER REVERSED OPEN E WITH RETROFLEX HOOK
		Deprecated (added to Unicode 4.1 as 1D86)				*Deprecated (added to Unicode 4.1 as 1D94)*
F22C	n	LATIN SMALL LETTER N WITH PALATAL HOOK		F23B	ə	LATIN SMALL LETTER SCHWA WITH RETROFLEX HOOK
		Deprecated (added to Unicode 4.1 as 1D87)				*Deprecated (added to Unicode 4.1 as 1D95)*
F22D	p	LATIN SMALL LETTER P WITH PALATAL HOOK		F23C	i	LATIN SMALL LETTER I WITH RETROFLEX HOOK
		Deprecated (added to Unicode 4.1 as 1D88)				*Deprecated (added to Unicode 4.1 as 1D96)*
F22E	r	LATIN SMALL LETTER R WITH PALATAL HOOK		F23D	ɔ	LATIN SMALL LETTER OPEN O WITH RETROFLEX HOOK
		Deprecated (added to Unicode 4.1 as 1D89)				*Deprecated (added to Unicode 4.1 as 1D97)*
F22F	s	LATIN SMALL LETTER S WITH PALATAL HOOK		F23E	u	LATIN SMALL LETTER U WITH RETROFLEX HOOK
		Deprecated (added to Unicode 4.1 as 1D8A)				*Deprecated (added to Unicode 4.1 as 1D99)*
F230	ʃ	LATIN SMALL LETTER ESH WITH PALATAL HOOK		F23F	ᴚ	LATIN SMALL CAPITAL LETTER U WITH STROKE
		Deprecated (added to Unicode 4.1 as 1D8B)				= *LATIN LETTER SMALL CAPITAL U BAR*
F231	v	LATIN SMALL LETTER V WITH PALATAL HOOK				*Deprecated (added to Unicode 4.1 as 1D7E)*
		Deprecated (added to Unicode 4.1 as 1D8C)		F240	db	LATIN SMALL LETTER DB DIGRAPH
F232	x	LATIN SMALL LETTER X WITH PALATAL HOOK				*Deprecated (added to Unicode 4.1 as 0238)*
		Deprecated (added to Unicode 4.1 as 1D8D)		F241	qp	LATIN SMALL LETTER QP DIGRAPH
F233	z	LATIN SMALL LETTER Z WITH PALATAL HOOK				*Deprecated (added to Unicode 4.1 as 0239)*
		Deprecated (added to Unicode 4.1 as 1D8E)		F242	Ł	LATIN CAPITAL LETTER L WITH MIDDLE TILDE
F234	Z	LATIN CAPITAL LETTER Z WITH PALATAL HOOK				*Deprecated (added to Unicode 5.0 as 2C62)*
F235	ʒ	LATIN SMALL LETTER EZH WITH PALATAL HOOK		F243	y	LATIN SMALL LETTER Y WITH STROKE
F236	a	LATIN SMALL LETTER A WITH RETROFLEX HOOK				*Deprecated (added to Unicode 5.0 as 024F)*
		Deprecated (added to Unicode 4.1 as 1D8F)		F244	Ɏ	LATIN CAPITAL LETTER Y WITH STROKE
F237	ɑ	LATIN SMALL LETTER ALPHA WITH RETROFLEX HOOK				*Deprecated (added to Unicode 5.0 as 024E)*
		Deprecated (added to Unicode 4.1 as 1D90)		F245	ɛ	LATIN SMALL LETTER TRESILLO
F238	e	LATIN SMALL LETTER E WITH RETROFLEX HOOK				=*LATIN LETTER TRESILLO*
		Deprecated (added to Unicode 4.1 as 1D92)				*Deprecated (added to Unicode 5.1 as A72B)*

F246	ɟ	LATIN SMALL LETTER CUATRILLO
		=LATIN LETTER CUATRILLO
		Deprecated (added to Unicode 5.1 as A72D)
F247	@	LATIN SMALL LETTER AT
		Deprecated, recommend to use 24D0
F248	Ⓐ	LATIN CAPITAL LETTER AT
		Deprecated, recommend to use 24B6
F249	ƀ	LATIN SMALL LETTER B WITH MIDDLE TILDE
		Deprecated (added to Unicode 4.1 as 1D6C)
F24A	đ	LATIN SMALL LETTER D WITH MIDDLE TILDE
		Deprecated (added to Unicode 4.1 as 1D6D)
F24B	ƒ	LATIN SMALL LETTER F WITH MIDDLE TILDE
		Deprecated (added to Unicode 4.1 as 1D6E)
F24C	m	LATIN SMALL LETTER M WITH MIDDLE TILDE
		Deprecated (added to Unicode 4.1 as 1D6F)
F24D	n	LATIN SMALL LETTER N WITH MIDDLE TILDE
		Deprecated (added to Unicode 4.1 as 1D70)
F24E	p	LATIN SMALL LETTER P WITH MIDDLE TILDE
		Deprecated (added to Unicode 4.1 as 1D71)
F24F	r	LATIN SMALL LETTER R WITH MIDDLE TILDE
		Deprecated (added to Unicode 4.1 as 1D72)
F250	ɾ	LATIN SMALL LETTER R WITH FISHHOOK AND MIDDLE TILDE
		= LATIN SMALL LETTER R WITH FISHHOOK WITH MIDDLE TILDE
		Deprecated (added to Unicode 4.1 as 1D73)
F251	s	LATIN SMALL LETTER S WITH MIDDLE TILDE
		Deprecated (added to Unicode 4.1 as 1D74)
F252	t	LATIN SMALL LETTER T WITH MIDDLE TILDE
		Deprecated (added to Unicode 4.1 as 1D75)
F253	z	LATIN SMALL LETTER Z WITH MIDDLE TILDE
		Deprecated (added to Unicode 4.1 as 1D76)

F254	ɪ	LATIN SMALL CAPITAL LETTER I WITH STROKE
		= LATIN LETTER SMALL CAPITAL I WITH STROKE
		Deprecated (added to Unicode 4.1 as 1D7B)
F255	ʊ	LATIN SMALL LETTER UPSILON WITH STROKE
		= LATIN LETTER SMALL CAPITAL UPSILON WITH STROKE
		Deprecated (added to Unicode 4.1 as 1D7F)
F256	s	LATIN SMALL LETTER S WITH SWASH TAIL
		Deprecated (added to Unicode 4.1 as 023F)
F257	z	LATIN SMALL LETTER Z WITH SWASH TAIL
		Deprecated (added to Unicode 4.1 as 0240)
F258	ᵻ	LATIN LETTER SMALL CAPITAL I OVER SMALL SCHWA
F259	ᵿ	LATIN LETTER SMALL UPSILON OVER SMALL SCHWA
F25A	ɧ	LATIN SMALL LETTER HENG
		Deprecated (added to Unicode 5.1 as A727)
F25B	Ɱ	LATIN CAPITAL LETTER M WITH HOOK
		Deprecated (added to Unicode 5.1 as 2C6E)
F25C	Ᵽ	LATIN CAPITAL LETTER P WITH STROKE
		Deprecated (added to Unicode 5.0 as 2C63)
F25D	ɩ	LATIN SMALL LETTER IOTA WITH STROKE
		Deprecated (added to Unicode 4.1 as 1D7C)
F25E	v	LATIN SMALL LETTER V WITH CURL
		Deprecated (added to Unicode 5.0 as 2C74)
F25F	v	LATIN SMALL LETTER V WITH RIGHT HOOK
		Deprecated (added to Unicode 5.1 as 2C71)
F260	ɟ	LATIN SMALL LETTER J WITH STROKE
		Deprecated (added to Unicode 5.0 as 0249)
F261	Ɉ	LATIN CAPITAL LETTER J WITH STROKE
		Deprecated (added to Unicode 5.0 as 0248)

F262	k̗	LATIN SMALL LETTER K WITH DESCENDER *Deprecated (added to Unicode 5.0 as 2C6A)*
F263	K̗	LATIN CAPITAL LETTER K WITH DESCENDER *Deprecated (added to Unicode 5.0 as 2C69)*
F264	z̗	LATIN SMALL LETTER Z WITH DESCENDER *Deprecated (added to Unicode 5.0 as 2C6C)*
F265	Z̗	LATIN CAPITAL LETTER Z WITH DESCENDER *Deprecated (added to Unicode 5.0 as 2C6B)*
F266	ɭ̗	LATIN SMALL LETTER L WITH RETROFLEX HOOK AND BELT *Deprecated (added to Unicode 6.0 as A78E)*
F267	ʎ̗	LATIN SMALL LETTER TURNED Y WITH BELT
F268	ʟ̗	LATIN LETTER SMALL CAPITAL L WITH BELT
F269	ɻ̗	LATIN SMALL LETTER TURNED R WITH LONG LEG AND HOOK
F26A	ʔ̗	LATIN CAPITAL LETTER SALTILLO *Deprecated (added to Unicode 5.1 as A78B)*
F26B	Ч̗	LATIN CAPITAL LETTER TURNED H *Deprecated (added to Unicode 6.0 as A78D)*
F26C	Ɉ̗	LATIN CAPITAL LETTER J WITH CROSSED-TAIL *Deprecated (added to Unicode 8.0 as A7B2)*
F26D	b̗	LATIN SMALL LETTER B WITH LEFT HOOK

Hebrew

F300	נ	HEBREW PUNCTUATION NUN HAFUKHA = HEBREW REVERSED NUN *Deprecated (added to Unicode 4.1 as 05C6)*
F301	.	HEBREW MARK LOWER DOT *Deprecated (added to Unicode 4.1 as 05C5)*
F302	֧	HEBREW ACCENT RIGHT METEG *Deprecated, use 05BD + 034F + vowel instead*
F303	֧	HEBREW ACCENT LEFT METEG *Deprecated,* with non-hataf vowel, use: vowel + 05BD with hataf vowel, use: hataf vowel + 200C + 05BD

Cyrillic

F320	Ӷ̗	CYRILLIC CAPITAL LETTER GHE WITH DESCENDER *Deprecated (added to Unicode 4.1 as 04F6)*
F321	ӷ̗	CYRILLIC SMALL LETTER GHE WITH DESCENDER *Deprecated (added to Unicode 4.1 as 04F7)*
F322	Ӆ̗	CYRILLIC CAPITAL LETTER EL WITH HOOK *Deprecated (added to Unicode 5.0 as 0512)*
F323	ӆ̗	CYRILLIC SMALL LETTER EL WITH HOOK *Deprecated (added to Unicode 5.0 as 0513)*
F324	Ӽ̗	CYRILLIC CAPITAL LETTER HA WITH HOOK *Deprecated (added to Unicode 5.0 as 04FC)*
F325	ӽ̗	CYRILLIC SMALL LETTER HA WITH HOOK *Deprecated (added to Unicode 5.0 as 04FD)*
F326	Ғ̗	CYRILLIC CAPITAL LETTER GHE WITH STROKE AND DESCENDER
F327	ғ̗	CYRILLIC SMALL LETTER GHE WITH STROKE AND DESCENDER
F328	Ӿ̗	CYRILLIC CAPITAL LETTER HA WITH STROKE *Deprecated (added to Unicode 5.0 as 04FE)*
F329	ӿ̗	CYRILLIC SMALL LETTER HA WITH STROKE *Deprecated (added to Unicode 5.0 as 04FF)*
F32A	Ԑ̗	CYRILLIC CAPITAL LETTER REVERSED ZE *Deprecated (added to Unicode 5.0 as 0510)*
F32B	ԑ̗	CYRILLIC SMALL LETTER REVERSED ZE *Deprecated (added to Unicode 5.0 as 0511)*
F32C	h̗	CYRILLIC CAPITAL LETTER SHHA WITH DESCENDER *Deprecated (added to Unicode 6.0 as 0526)*
F32D	h̗	CYRILLIC SMALL LETTER SHHA WITH DESCENDER *Deprecated (added to Unicode 6.0 as 0527)*

Appendix A: Detailed PUA character descriptions

Each character is presented separately with the character name, representative glyph, code point, and a brief description of current or intended usage.

U+F130 FONT BASELINE AND SIDE-BEARING MARKER LEFT:

(NRSI glyph name: FontBslnSideBrngMrkrLft; Encore SILID 998)

For use in development and documentation of fonts. Requested by NRSI.

Date added: 01-OCT-2002

NRSI does not plan to propose this character for addition to Unicode.

U+F131 FONT BASELINE AND SIDE-BEARING MARKER RIGHT:

(NRSI glyph name: FontBslnSideBrngMrkrRt; Encore SILID 999)

For use in development and documentation of fonts. Requested by NRSI.

Date added: 01-OCT-2002

NRSI does not plan to propose this character for addition to Unicode.

U+F132 FONT VERTICAL METRICS MARKER LEFT:

(NRSI glyph name: FontVertMetricsMrkrLft; no Encore SILID)

For use in development and documentation of fonts. Requested by NRSI.

Date added: 01-OCT-2002

NRSI does not plan to propose this character for addition to Unicode.

U+F133 FONT VERTICAL METRICS MARKER RIGHT:

(NRSI glyph name: FontVertMetricsMrkrRt; no Encore SILID)

For use in development and documentation of fonts. Requested by NRSI.

Date added: 01-OCT-2002

NRSI does not plan to propose this character for addition to Unicode.

U+F134 OPENING LOW RIGHT-ANGLE TEXT BRACKET: ⌊

(NRSI glyph name: SqrTxtBracLowLft, Encore SILID 9128)

Apparatus character, used in NIV and Translator's Workplace. Requested by Translation Department.

Date added: 25-OCT-2003

Deprecated usage. Recommend to use U+230A.

U+F135 CLOSING LOW RIGHT-ANGLE TEXT BRACKET: ⌋

(NRSI glyph name: SqrTxtBracLowRt, Encore SILID 9129)

Apparatus character, used in NIV and Translator's Workplace. Requested by Translation Department.

Date added: 25-OCT-2003

Deprecated usage. Recommend to use U+230B.

U+F170 COMBINING SNAKE BELOW: ◌

(NRSI glyph name: CombSnakeBlw; Encore SILID 6638)

Phonetic symbol: lenis articulation. Non-IPA usage. (Have not confirmed how widespread usage is.) Found in SAG-IPA font and in SUB font. Apparently not known to have been used in existing SAG documents, but confirmed request from SAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1DC2.

U+F171 COMBINING MACRON-ACUTE: ◌

(NRSI glyph name: CombMacron_Acute; Encore SILID 6070)

Phonetic symbol: contour tone. Found in fonts from CAB, CDB, IVB, MAI, SUB. Attested in IPA Handbook.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+1DC4.

U+F172 COMBINING GRAVE-MACRON: $\overset{\backsim}{\circ}$

(NRSI glyph name: CombGrave_Macron; Encore SILID 6040)

Phonetic symbol: contour tone. Found in fonts from CAB, CDB, IVB, MAI, NRG, SUB. Attested in IPA Handbook.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+1DC5.

U+F173 COMBINING MACRON-GRAVE: $\overset{\backsim}{\circ}$

(NRSI glyph name: CombMacron_Grave; Encore SILID 6041)

Phonetic symbol: contour tone. Found in fonts from BFB, CAB, CDB, IVB, MAI, NRG, SUB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+1DC6.

U+F174 COMBINING ACUTE-MACRON: $\overset{\frown}{\circ}$

(NRSI glyph name: CombAcute_Macron; Encore SILID 6071)

Phonetic symbol: contour tone. Found in fonts from BFB, CAB, CDB, IVB, MAI, NRG, SUB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+1DC7.

U+F175 COMBINING GRAVE-ACUTE-GRAVE: $\overset{\sim}{\circ}$

(NRSI glyph name: CombGrave_Acute_Grave; Encore SILID 6072)

Phonetic symbol: contour tone. Found in fonts from IVB, SUB, SAG. Attested in IPA Handbook.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+1DC8.

U+F176 COMBINING DOUBLE BREVE BELOW: $\underset{\smile}{\circ\circ}$

(NRSI glyph name: CombDblBreveBlw; Encore SILID 9153)

Found in IVB entity fonts. Confirmed request from IVB. Also used in phonetic transcription (cited in IPA Handbook).

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+035C.

U+F177 COMBINING DOUBLE MACRON: ⃝⃝

 (NRSI glyph name: CombDblBreveBlw; many possible Encore SILIDs)

Found in PNB entity fonts. Confirmed orthographic usage for Buin language.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+035E

U+F178 COMBINING LATIN SMALL LETTER R BELOW: ⃝

(NRSI glyph name: CombLtnSmRBlw; no Encore SILID)

Used in orthographies of some languages of Indonesia. Requested by UBS.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+1DCA.

U+F179 COMBINING ACUTE-GRAVE-ACUTE: ⃝

(NRSI glyph name: CombAcute_Grave_Acute; Encore SILID 6073)

Phonetic symbol: contour tone. Requested by ETP.

Date added: 09-MAR-2004

Deprecated usage as it was added to Unicode 5.0: U+1DC9.

U+F17A COMBINING DOUBLE DIAERESIS: ⃝

Requested for the Teribe/Naso language of Panama which uses this centered over a double el.

It would have similar properties to U+0361.

Date added: 14-MAR-2005

Deprecated (use U+0308).

U+F17B COMBINING ALMOST EQUAL TO BELOW: ⃝

(NRSI glyph name: CombAlmostEqToBlw; no Encore SILID)

Phonetic diacritic for strident (epiglottal trill) vowels. Used for Khoisan languages such as !Xóõ. Requested by Kirk Miller.

Date added: 8-June-2006

Deprecated usage as it was added to Unicode 5.2: U+1DFD.

U+F180 MODIFIER LETTER SMALL M: ^m

(NRSI glyph name: LtnSupSmM; Encore SILID 1817)

Superscript variant of IPA symbol, used to indicate stops with nasal onset or release. Confirmed usage within SIL and also in linguistic publications (Goldsmith). Requested by NRSI.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+1D50

U+F181 MODIFIER LETTER SMALL N WITH LEFT HOOK: ^ɲ

(NRSI glyph name: LtnSupSmNLftHook; Encore SILID 1859)

Superscript variant of IPA symbol, used to indicate stops with nasal onset or release. Confirmed usage in linguistic publications (Goldsmith). Requested by NRSI.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1DAE.

U+F182 MODIFIER LETTER SMALL ENG: ^ŋ

(NRSI glyph name: LtnSupSmEng; Encore SILID 1860)

Superscript variant of IPA symbol, used to indicate stops with nasal onset or release. Requested by NRSI. Confirmed usage within SIL and also in linguistic publications (Goldsmith).

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+1D51

U+F183 MODIFIER LETTER SMALL A: ^a

(NRSI glyph name: LtnSupSmA; Encore SILID 1801)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Confirmed usage in linguistic publications (IJAL, Mon-Khmer Studies). Requested by NRSI and SAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+1D43

U+F184 MODIFIER LETTER SMALL TURNED A: ᵄ

(NRSI glyph name: LtnSupSmTurnedA; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D44

U+F185 MODIFIER LETTER SMALL LATIN ALPHA: ᵅ

(NRSI glyph name: LtnSupSmAlpha; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D45

U+F186 MODIFIER LETTER SMALL B: ᵇ

(NRSI glyph name: LtnSupSmB; Encore SILID 1803)

Superscript variant of IPA consonant symbol, used in phonetic representation of secondary articulations (e.g., oral onset to nasal stop). Confirmed usage in linguistic publications (Ladefoged and Maddieson 1996, Mon-Khmer Studies). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D47

U+F187 MODIFIER LETTER SMALL D: ᵈ

(NRSI glyph name: LtnSupSmD; Encore SILID 1805)

Superscript variant of IPA consonant symbol, used in phonetic representation of secondary articulations (e.g., oral onset to nasal stop). Confirmed usage in linguistic publications (Ladefoged and Maddieson 1996, Mon-Khmer Studies). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D48

U+F188 MODIFIER LETTER SMALL E: ᵉ

(NRSI glyph name: LtnSupSmE; Encore SILID 1806)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Confirmed usage in linguistic publications (IJAL, Mon-Khmer Studies). Requested by NRSI and SAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+1D49

U+F189 MODIFIER LETTER SMALL SCHWA: ᵊ

(NRSI glyph name: LtnSupSmSchwa; Encore SILID 1851)

Used for transliteration of Biblical Hebrew to represent unpronounced schwa. Requested by Translation Dept. Also, a superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Might also be used in phonetic transcription to represent diphthongs or other phonetic modifications. Confirmed usage in linguistic, Biblical-studies publications (various). Requested by NRSI and SAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+1D4A

U+F18A MODIFIER LETTER SMALL OPEN E: ᵋ

(NRSI glyph name: LtnSupSmOpnE; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Confirmed usage in linguistic publications (IJAL, Mon-Khmer Studies). Requested by NRSI.

Character properties: Lm.

Deprecated usage as it was added to Unicode 4.0: U+1D4B

U+F18B MODIFIER LETTER SMALL REVERSED OPEN E: ᴣ

(NRSI glyph name: LtnSupSmRevOpnE; Encore SILID 1852)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1D9F.

U+F18C MODIFIER LETTER SMALL G: ^{g}

(NRSI glyph name: LtnSupSmG; Encore SILID 1809)

Phonetic symbol used for Finno-Ugaric. Found in EAG fonts (used in Chinese phonetics for tone categories?). Requested by NRSI. It has been included because it is believed to be needed for EAG—though this needs confirmation. But even without such confirmation, it is included on the basis that it was accepted for Unicode 4.0, and because it will make it possible, if both appear in early fonts, to educate users that MODIFIER LETTER G can be used as a phonetic symbol for the Finno-Ugaric tradition, and for Chinese, but that MODIFIER LETTER SCRIPT G is used for the Americanist and IPA traditions.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D4D

U+F18D MODIFIER LETTER SMALL K: ^{k}

(NRSI glyph name: LtnSupSmK; Encore SILID 1814)

Superscript variant of IPA consonant symbol, used in phonetic representation of secondary articulations. Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D4F

U+F18E MODIFIER LETTER SMALL O: ^{o}

(NRSI glyph name: LtnSupSmO; Encore SILID 1819)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Confirmed usage in linguistic publications (IJAL, Mon-Khmer Studies). Requested by NRSI and SAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+1D52

U+F18F MODIFIER LETTER SMALL OPEN O: ^{ɔ}

(NRSI glyph name: LtnSupSmOpnO; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Confirmed usage in linguistic publications (Mon-Khmer Studies). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D53

U+F190 MODIFIER LETTER SMALL P: ᵖ

(NRSI glyph name: LtnSupSmP; Encore SILID 1820)

Superscript variant of IPA consonant symbol, used in phonetic representation of secondary articulations. Confirmed usage in linguistic publications (Goldsmith). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D56

U+F191 MODIFIER LETTER SMALL T: ᵗ

(NRSI glyph name: LtnSupSmT; Encore SILID 1826)

Superscript variant of IPA consonant symbol, used in phonetic representation of secondary articulations. Confirmed usage in linguistic publications (Goldsmith). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D57

U+F192 MODIFIER LETTER SMALL U: ᵘ

(NRSI glyph name: LtnSupSmU; Encore SILID 1827)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Confirmed usage in linguistic publications (IJAL). Requested by NRSI and SAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+1D58

U+F193 MODIFIER LETTER SMALL TURNED M: ᵚ

(NRSI glyph name: LtnSupSmTurnedM; Encore SILID 1857)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+1D5A

U+F194 MODIFIER LETTER SMALL V: ᵛ

(NRSI glyph name: LtnSupSmV; Encore SILID 1829)

Superscript variant of IPA vowel symbol, used in phonetic representation of secondary articulations. Confirmed usage in linguistic publications (IJAL). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D5B

U+F195 MODIFIER LETTER CHINANTEC TONE MARK BACKSLASH:

(NRSI glyph name: ModChinantecTnMrkBackslash; Encore SILID 9107)

Orthographic character used for some Chinantec languages of Mexico; requested by MXB.

Date added: 25-OCT-2003

UTC considers this a variant of U+02CB.

U+F196 MODIFIER LETTER CHINANTEC TONE MARK VERTICAL BAR:

(NRSI glyph name: ModChinantecTnMrkVertBar; Encore SILID 9108)

Orthographic character used for some Chinantec languages of Mexico; requested by MXB. Similar to U+02C8 MODIFIER LETTER VERTICAL LINE, but these can co-occur and need to be distinguishable in encoding, and also be visually distinct. (There is also a horizontal-bar tone mark, but this can be represented as U+02C9 MODIFIER LETTER MACRON.)

Date added: 25-OCT-2003

UTC considers this a variant of U+02C8.

U+F197 MODIFIER LETTER CHINANTEC TONE MARK SLASH:

(NRSI glyph name: ModChinantecTnMrkSlash; Encore SILID 9109)

Orthographic character used for some Chinantec languages of Mexico; requested by MXB.

Date added: 25-OCT-2003

UTC considers this a variant of U+02CA.

U+F198 MODIFIER LETTER DOT VERTICAL BAR:

= *MODIFIER LETTER CHINANTEC TONE MARK DOT VERTICAL BAR*

(NRSI glyph name: ModChinantecTnMrkDotVertBar; Encore SILID 9104)

Orthographic character used in some Chinantec languages (MXB). Requested by MXB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+A717.

U+F199 MODIFIER LETTER DOT SLASH:

= *MODIFIER LETTER CHINANTEC TONE MARK DOT SLASH*

 (NRSI glyph name: ModChinantecTnMrkDotSlash; Encore SILID 9105)

Orthographic character used in some Chinantec languages (MXB). Requested by MXB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+A718.

U+F19A MODIFIER LETTER DOT HORIZONTAL BAR: ÷

= *MODIFIER LETTER CHINANTEC TONE MARK DOT BAR*

(NRSI glyph name: ModChinantecTnMrkDotHorizBar; Encore SILID 9106)

Orthographic character used in some Chinantec languages (MXB). Requested by MXB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+A719.

U+F19B MODIFIER LETTER LOWER RIGHT CORNER ANGLE: ┘

= *MODIFIER LETTER CHINANTEC TONE MARK LOWER RIGHT CORNER ANGLE*

(NRSI glyph name: ModChinantecTnMrkLowRtCorner; Encore SILID 9111)

Orthographic character used in some Chinantec languages (MXB). Requested by MXB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+A71A.

U+F19C MODIFIER LETTER RAISED UP ARROW: ↑

(NRSI glyph name: ModRaisedUpArrw; Encore SILID 9083)

IPA symbol: tonal upstep. Known usage in recent publications, including SIL authors. Requested by NRSI and BFB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.1: U+A71B.

U+F19D MODIFIER LETTER RAISED DOWN ARROW: ↓

(NRSI glyph name: ModRaisedDwnArrw; Encore SILID 9082)

IPA symbol: tonal downstep. Known usage in recent publications, including SIL authors. Requested by NRSI.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.1: U+A71C.

U+F19E MODIFIER LETTER RAISED EXCLAMATION MARK: [!]

= MODIFIER LETTER AFRICANIST DOWNSTEP

 (NRSI glyph name: ModRaisedExclamationMrk; no Encore SILID)

Phonetic symbol: tonal downstep. Not IPA usage, but common in African linguistics. Known usage in recent publications, including SIL authors. Requested by NRSI and BFB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.1: U+A71D.

U+F19F MODIFIER LETTER RAISED INVERTED EXCLAMATION MARK: [¡]

= MODIFIER LETTER AFRICANIST UPSTEP

(NRSI glyph name: ModRaisedInvExclamationMrk; no Encore SILID)

Phonetic symbol: tonal upstep. Not IPA usage, but used by some African linguists. Known usage in recent publications (Goldsmith, van der Hulst and Smith). Requested by NRSI. Note: at least one author uses a subscript inverted exclamation mark: "¡". Unclear whether that should be considered a separate character or a glyph variant (and, if the latter, whether a name that is not specific with regard to position would be more appropriate).

Date added: 30-SEP-2002

Deprecated usage as it was added to Unicode 5.1: U+A71E.

U+F1A0 MODIFIER LETTER SMALL TURNED ALPHA: ^ɒ

MODIFIER LETTER SMALL TURNED LATIN ALPHA

(NRSI glyph name: LtnSupSmTurnedAlpha; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1D9B.

U+F1A1 MODIFIER LETTER SMALL AE: ^æ

(NRSI glyph name: LtnSupSmAe; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Not accepted for addition to Unicode (lack of evidence of use).

Date added: 28-SEP-2002

U+F1A2 MODIFIER LETTER SMALL C WITH CURL: ᶜ

(NRSI glyph name: LtnSupSmCCurl; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of secondary articulations. Confirmed usage in linguistic publications (Phonology, Mon-Khmer Studies). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1D9D.

U+F1A3 MODIFIER LETTER SMALL REVERSED E: ᵊ

(NRSI glyph name: LtnSupSmRevE; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Not accepted for addition to Unicode (lack of evidence of use).

Date added: 28-SEP-2002

U+F1A4 MODIFIER LETTER SMALL CLOSED REVERSED OPEN E: ᵌ

(NRSI glyph name: LtnSupSmClosedRevOpnE; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Not accepted for addition to Unicode (lack of evidence of use).

Date added: 28-SEP-2002

U+F1A5 MODIFIER LETTER SMALL F: ᶠ

(NRSI glyph name: LtnSupSmF; Encore SILID 1808)

Superscript variant of IPA vowel symbol, used in phonetic representation of secondary articulations. Confirmed usage in linguistic publications (Phonology). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1DA0.

U+F1A6 MODIFIER LETTER SMALL SCRIPT G: ᵍ

(NRSI glyph name: LtnSupSmScriptG; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of secondary articulations (e.g,, oral onset to nasal stop). Confirmed usage in linguistic publications (Mon-Khmer Studies). Requested by NRSI.

Pullum and Ladusaw (1996) note that the double-bowled g is not recommended as a substitute for the IPA symbol "g".

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1DA2.

U+F1A7 MODIFIER LETTER SMALL I WITH STROKE: ᵻ

(NRSI glyph name: LtnSupSmIStroke; Encore SILID 1854)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Confirmed usage in linguistic publications (Mon-Khmer Studies). Requested by NRSI.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1DA4.

U+F1A8 MODIFIER LETTER SMALL CAPITAL I: ᴵ

(NRSI glyph name: LtnSupSmCapI; Encore SILID 1855)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1DA6.

U+F1A9 MODIFIER LETTER SMALL DOTLESS J WITH STROKE: ᶡ

(NRSI glyph name: LtnSupSmDotlessJStrk; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of secondary articulations (e.g., oral onset to nasal stop). Confirmed usage in linguistic publications (Mon-Khmer Studies). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1DA1.

U+F1AA MODIFIER LETTER SMALL L WITH RETROFLEX HOOK: ˡ

(NRSI glyph name: LtnSupSmLRetrHook; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of secondary articulations. Confirmed usage in linguistic publications (Goldsmith). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1DA9.

U+F1AB MODIFIER LETTER SMALL O WITH STROKE: ᶿ

(NRSI glyph name: LtnSupSmOStroke; Encore SILID 1863)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Not accepted for addition to Unicode (lack of evidence of use).

Date added: 01-OCT-2002

U+F1AC MODIFIER LETTER SMALL BARRED O: ᶱ

(NRSI glyph name: LtnSupSmBarredO; Encore SILID 1862)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1DB1.

U+F1AD MODIFIER LETTER SMALL LIGATURE OE: ᴼᴱ

(NRSI glyph name: LtnSupSmOe; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 6.1: U+A7F9.

U+F1AE MODIFIER LETTER SMALL CAPITAL OE: Œ

(NRSI glyph name: LtnSupSmCapOe; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Not accepted for addition to Unicode (lack of evidence of use).

Date added: 28-SEP-2002

U+F1AF MODIFIER LETTER SMALL ESH: ʃ

(NRSI glyph name: LtnSupSmEsh; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of secondary articulations. Confirmed usage in linguistic publications (Phonology). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1DB4.

U+F1B0 MODIFIER LETTER SMALL U BAR: ʉ

(NRSI glyph name: LtnSupSmUBar; Encore SILID 1864)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1DB6.

U+F1B1 MODIFIER LETTER SMALL UPSILON: ʊ

(NRSI glyph name: LtnSupSmUpsilon; Encore SILID 1865)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Confirmed usage in linguistic publications (Mon-Khmer Studies). Requested by NRSI.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1DB7.

U+F1B2 MODIFIER LETTER SMALL TURNED M WITH LONG LEG: ɰ

(NRSI glyph name: LtnSupSmTurnedMLngLeg; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Confirmed usage in linguistic publications (IJAL). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1DAD.

U+F1B3 MODIFIER LETTER SMALL TURNED V: Ʌ

(NRSI glyph name: LtnSupSmTurnedV; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Confirmed usage in linguistic publications (Mon-Khmer Studies). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1DBA.

U+F1B4 MODIFIER LETTER SMALL CAPITAL Y: Y

(NRSI glyph name: LtnSupSmCapY; Encore SILID 1867)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Not accepted for addition to Unicode (lack of evidence of use).

Date added: 01-OCT-2002

U+F1B5 MODIFIER LETTER SMALL RAMS HORN: ɤ

(NRSI glyph name: LtnSupSmRamsHorn; Encore SILID 1866)

Superscript variant of IPA vowel symbol, used in phonetic representation of diphthongs or other secondary articulations. Requested by NRSI.

Not accepted for addition to Unicode (lack of evidence of use).

Date added: 01-OCT-2002

U+F1B6 MODIFIER LETTER SMALL Z: z

(NRSI glyph name: LtnSupSmZ; Encore SILID 1834)

Superscript variant of IPA vowel symbol, used in phonetic representation of secondary articulations. Confirmed usage in linguistic publications (Phonology, IJAL). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1DBB.

U+F1B7 MODIFIER LETTER SMALL Z WITH CURL: ᶽ

(NRSI glyph name: LtnSupSmZCurl; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of secondary articulations. Confirmed usage in linguistic publications (Mon-Khmer Studies). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1DBD.

U+F1B8 MODIFIER LETTER SMALL EZH: ᶾ

(NRSI glyph name: LtnSupSmEzh; no Encore SILID)

Superscript variant of IPA vowel symbol, used in phonetic representation of secondary articulations. Confirmed usage in linguistic publications (Phonology). Requested by NRSI.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+1DBE.

U+F1B9 MODIFIER LETTER SMALL C: ᶜ

(NRSI glyph name: ModSmC; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D9C.

U+F1BA MODIFIER LETTER SMALL ETH: ᶞ

(NRSI glyph name: ModSmEth; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D9E.

U+F1BB MODIFIER LETTER SMALL TURNED H: ᶣ

(NRSI glyph name: ModSmTurnedH; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DA3.

U+F1BC MODIFIER LETTER SMALL H WITH STROKE: ħ

(NRSI glyph name: ModSmHStrk; no Encore SILID)

For use in phonetic transcription. Actual use has not been encountered, but it is the only IPA fricative symbol for a superscript form that has not been encountered.

Not accepted for addition to Unicode (lack of evidence of use).

Date added: 25-OCT-2003

U+F1BD MODIFIER LETTER SMALL J WITH CROSSED-TAIL: ʝ

= *MODIFIER LETTER SMALL J WITH CROSSED TAIL*

(NRSI glyph name: ModSmJCrossedTail; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DA8.

U+F1BE MODIFIER LETTER SMALL L WITH PALATAL HOOK: l

(NRSI glyph name: ModSmLPalHook; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DAA.

U+F1BF MODIFIER LETTER SMALL CAPITAL L: L

(NRSI glyph name: ModSmCapL; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DAB.

U+F1C0 MODIFIER LETTER SMALL M WITH HOOK: ɱ

(NRSI glyph name: ModSmMHook; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DAC.

U+F1C1 MODIFIER LETTER SMALL N WITH RETROFLEX HOOK: ᶯ

(NRSI glyph name: ModSmNRetrHook; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DAF.

U+F1C2 MODIFIER LETTER SMALL CAPITAL N: ᴺ

(NRSI glyph name: ModSmCapN; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DB0.

U+F1C3 MODIFIER LETTER SMALL PHI: ᶲ

(NRSI glyph name: ModSmPhi; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DB2.

U+F1C4 MODIFIER LETTER SMALL S WITH HOOK: ᶳ

(NRSI glyph name: ModSmSHook; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DB3.

U+F1C5 MODIFIER LETTER SMALL T WITH PALATAL HOOK: ᶵ

(NRSI glyph name: ModSmTPalHook; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DB5.

U+F1C6 MODIFIER LETTER SMALL V WITH HOOK: ʋ

(NRSI glyph name: ModSmVHook; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DB9.

U+F1C7 MODIFIER LETTER SMALL Z WITH RETROFLEX HOOK: ᶼ

(NRSI glyph name: ModSmZRetrHook; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DBC.

U+F1C8 MODIFIER LETTER SMALL GLOTTAL STOP: ʔ

(NRSI glyph name: ModSmGlottalStop; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated (use U+02C0).

U+F1C9 MODIFIER LETTER SMALL THETA: θ

= MODIFIER LETTER THETA

(NRSI glyph name: ModSmTheta; no Encore SILID)

Used in phonetic transcription: IPA convention for voiceless dental fricative release.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DBF.

U+F1CA MODIFIER LETTER SMALL IOTA: ɩ

(NRSI glyph name: ModSmIota; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DA5.

U+F1CB MODIFIER LETTER SMALL CAPITAL I WITH STROKE: ᵻ

(NRSI glyph name: ModSmCapIStrk; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DA7.

U+F1CC MODIFIER LETTER SMALL CAPITAL U: ᵾ

(NRSI glyph name: ModSmCapU; no Encore SILID)

Attested usage in phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1DB8.

U+F1CD MODIFIER LETTER SMALL CAPITAL U BAR: ᵾ

(NRSI glyph name: ModSmCapUBar; no Encore SILID)

Attested usage in phonetic transcription.

Not accepted for addition to Unicode (lack of evidence of use).

Date added: 25-OCT-2003

U+F1CE MODIFIER LETTER SMALL TURNED Y: ʎ

(NRSI glyph name: ModSmTurnedY; no Encore SILID)

For use in phonetic transcription. Actual use has not been encountered, but it is the only IPA approximant symbol for which a superscript form has not been encountered.

Not accepted for addition to Unicode (lack of evidence of use).

Date added: 25-OCT-2003

U+F1D0 MODIFIER LETTER EXTRA-HIGH LEFT-STEM TONE BAR: ˥

(NRSI glyph name: LftStemTnLtr5; Encore SILID 650)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A712.

U+F1D1 MODIFIER LETTER HIGH LEFT-STEM TONE BAR: ├

(NRSI glyph name: LftStemTnLtr4; Encore SILID 649)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A713.

U+F1D2 MODIFIER LETTER MID LEFT-STEM TONE BAR: ├

(NRSI glyph name: LftStemTnLtr3; Encore SILID 638)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A714.

U+F1D3 MODIFIER LETTER LOW LEFT-STEM TONE BAR: ├

(NRSI glyph name: LftStemTnLtr2; Encore SILID 627)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A715.

U+F1D4 MODIFIER LETTER EXTRA-LOW LEFT-STEM TONE BAR: └

(NRSI glyph name: LftStemTnLtr1; Encore SILID 616)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A716.

U+F1D5 MODIFIER LETTER EXTRA-HIGH DOTTED TONE BAR: ˙|

(NRSI glyph name: DotTnLtr5; Encore SILID 605)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A708.

U+F1D6 MODIFIER LETTER HIGH DOTTED TONE BAR: ˙|

(NRSI glyph name: DotTnLtr4; Encore SILID 604)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A709.

U+F1D7 MODIFIER LETTER MID DOTTED TONE BAR: ˙|

(NRSI glyph name: DotTnLtr3; Encore SILID 603)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A70A.

U+F1D8 MODIFIER LETTER LOW DOTTED TONE BAR: ˙|

(NRSI glyph name: DotTnLtr2; Encore SILID 602)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A70B.

U+F1D9 MODIFIER LETTER EXTRA-LOW DOTTED TONE BAR: .|

(NRSI glyph name: DotTnLtr1; Encore SILID 601)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A70C.

U+F1DA MODIFIER LETTER EXTRA-HIGH DOTTED LEFT-STEM TONE BAR: |˙

(NRSI glyph name: DotLftStemTnLtr5; Encore SILID 600)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A70D.

U+F1DB MODIFIER LETTER HIGH DOTTED LEFT-STEM TONE BAR: ˡˑ

(NRSI glyph name: DotLftStemTnLtr4; Encore SILID 609)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A70E.

U+F1DC MODIFIER LETTER MID DOTTED LEFT-STEM TONE BAR: ˡˑ

(NRSI glyph name: DotLftStemTnLtr3; Encore SILID 608)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A70F.

U+F1DD MODIFIER LETTER LOW DOTTED LEFT-STEM TONE BAR: ˡˑ

(NRSI glyph name: DotLftStemTnLtr2; Encore SILID 607)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A710.

U+F1DE MODIFIER LETTER EXTRA-LOW DOTTED LEFT-STEM TONE BAR: ˡˌ

(NRSI glyph name: DotLftStemTnLtr1; Encore SILID 606)

Tone symbol used by Chinese linguists. Left-stemmed and dotted tone letters are used contrastively.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A711.

U+F1DF MODIFIER LETTER CHINESE TONE YIN PING:

(NRSI glyph name: ModTnYinPing; Encore SILID 176)

Tone symbol used by Chinese linguists. Distinct transcription tradition from stemmed tone letters.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A700.

U+F1E0 MODIFIER LETTER CHINESE TONE YIN SHANG:

(NRSI glyph name: ModTnYinShang; Encore SILID 175)

Tone symbol used by Chinese linguists. Distinct transcription tradition from stemmed tone letters.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A702.

U+F1E1 MODIFIER LETTER CHINESE TONE YIN QU:

(NRSI glyph name: ModTnYinQu; Encore SILID 177)

Tone symbol used by Chinese linguists. Distinct transcription tradition from stemmed tone letters.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A704.

U+F1E2 MODIFIER LETTER CHINESE TONE YIN RU:

(NRSI glyph name: ModTnYinRu; Encore SILID 178)

Tone symbol used by Chinese linguists. Distinct transcription tradition from stemmed tone letters.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A706.

U+F1E3 MODIFIER LETTER CHINESE TONE YANG PING:

(NRSI glyph name: ModTnYangPing; Encore SILID 180)

Tone symbol used by Chinese linguists. Distinct transcription tradition from stemmed tone letters.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A701.

U+F1E4 MODIFIER LETTER CHINESE TONE YANG SHANG:

(NRSI glyph name: ModTnYangShang; Encore SILID 179)

Tone symbol used by Chinese linguists. Distinct transcription tradition from stemmed tone letters.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A703.

U+F1E5 MODIFIER LETTER CHINESE TONE YANG QU:

(NRSI glyph name: ModTnYangQu; Encore SILID 181)

Tone symbol used by Chinese linguists. Distinct transcription tradition from stemmed tone letters.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A705.

U+F1E6 MODIFIER LETTER CHINESE TONE YANG RU:

(NRSI glyph name: ModTnYangRu; Encore SILID 182)

Tone symbol used by Chinese linguists. Distinct transcription tradition from stemmed tone letters.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+A707.

U+F1E7 MODIFIER LETTER LOW CIRCUMFLEX ACCENT:

(NRSI glyph name: ModLowCircum; no Encore SILID)

Tone symbol used for Lahu. Requested by MSEAG.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.1: U+A788.
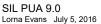
U+F1E8 MODIFIER LETTER LOW CARON:

(NRSI glyph name: ModLowCaron; no Encore SILID)

Tone symbol used for Lahu. Requested by MSEAG.

Date added: 25-OCT-2003

Deprecated usage. Use: U+02EC.

U+F1E9 MODIFIER LETTER COLON:

(NRSI glyph name: ModLowColon; no Encore SILID)

Orthographic character used for one or more languages of Congo (e.g. Budu); requested by ECG. The intent is to have a word-forming character that is distinct in appearance from the colon punctuation character (compared with a typical colon glyph, the dots are closer together, and the side bearings are narrower).

This would be one possibility for Americanist transcription of a full-length mark if U+02D0 MODIFIER LETTER TRIANGULAR COLON is not desired. [2]

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.1: U+A789.

U+F1EA MODIFIER LETTER SHORT EQUALS SIGN:

= *MODIFIER LETTER SHORT EQUAL*

(NRSI glyph name: ModShortEqSgn; no Encore SILID)

Orthographic character used for one or more languages of Congo (e.g. Budu) to indicate tone. Requested by ECG. The intent is to have a word-forming character that is distinct in appearance from the equal sign (compared with a typical equals glyph, this is shorter).

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.1: U+A78A.

U+F1F1 MODIFIER LETTER PITCH ONE:

(NRSI glyph name: TnLtrNineSeg11; no Encore SILID)

This is used in a 9-level tone system, used mainly by Africanists. The nine level system includes contour pitch marks and is used for phonetic transcriptions of tone languages. For this reason these characters are referred to as pitch rather than tone contours. This system is widely used by Africanists, not only for transcribing raw phonetic data prior to tone analysis, but for archiving and producing linguistic documents. When used next to each other, these pitches form contours.

Requested by SIL tone specialists.

Date added: 12-OCT-2006

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[2] While it was decided not to encode MODIFIER LETTER DOT in the PUA (and encourage the use of U+02D1 MODIFIER LETTER HALF TRIANGULAR COLON), it was chosen to encode the MODIFIER LETTER COLON in the PUA as it is needed in a practical orthography.

U+F1F2 MODIFIER LETTER PITCH TWO:

(NRSI glyph name: TnLtrNineSeg22; no Encore SILID)

See comment under U+F1F1.

Date added: 12-OCT-2006

U+F1F3 MODIFIER LETTER PITCH THREE:

(NRSI glyph name: TnLtrNineSeg33; no Encore SILID)

See comment under U+F1F1.

Date added: 12-OCT-2006

U+F1F4 MODIFIER LETTER PITCH FOUR:

(NRSI glyph name: TnLtrNineSeg44; no Encore SILID)

See comment under U+F1F1.

Date added: 12-OCT-2006

U+F1F5 MODIFIER LETTER PITCH FIVE:

(NRSI glyph name: TnLtrNineSeg55; no Encore SILID)

See comment under U+F1F1.

Date added: 12-OCT-2006

U+F1F6 MODIFIER LETTER PITCH SIX:

(NRSI glyph name: TnLtrNineSeg66; no Encore SILID)

See comment under U+F1F1.

Date added: 12-OCT-2006

U+F1F7 MODIFIER LETTER PITCH SEVEN:

(NRSI glyph name: TnLtrNineSeg77; no Encore SILID)

See comment under U+F1F1.

Date added: 12-OCT-2006

U+F1F8 MODIFIER LETTER PITCH EIGHT:

(NRSI glyph name: TnLtrNineSeg88; no Encore SILID)

See comment under U+F1F1.

Date added: 12-OCT-2006

U+F1F9 MODIFIER LETTER PITCH NINE:

(NRSI glyph name: TnLtrNineSeg99; no Encore SILID)

See comment under U+F1F1.

Date added: 12-OCT-2006

U+F200 LATIN LETTER SMALL CAPITAL A: A

(NRSI glyph name: LtnSmCapA; Encore SILID 3001)

Phonetic symbol used for Chinese and Sino-Tibetan. Requested by EAG.

Date added: 30-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D00

U+F201 LATIN SMALL LETTER D WITH CURL: ȡ

(NRSI glyph name: LtnSmDCurl; Encore SILID 1905)

Phonetic symbol used for Chinese and Sino-Tibetan (curl used to indicate laminal alveolo-palatal). Requested by EAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+0221

U+F202 LATIN LETTER SMALL CAPITAL E: E

(NRSI glyph name: LtnSmCapE; Encore SILID 3006)

Phonetic symbol used for Chinese and Sino-Tibetan. Requested by EAG.

Date added: 30-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+1D07

U+F203 LATIN SMALL LETTER L WITH CURL: ȴ

(NRSI glyph name: LtnSmLCurl; Encore SILID 1215)

Phonetic symbol used for Chinese and Sino-Tibetan (curl used to indicate laminal alveolo-palatal). Requested by EAG.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.0: U+0234

U+F204 LATIN SMALL LETTER N WITH CURL: ȵ

(NRSI glyph name: LtnSmNCurl; Encore SILID 1468)

Phonetic symbol used for Chinese and Sino-Tibetan (curl used to indicate laminal alveolo-palatal). Requested by EAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+0235

U+F205 LATIN SMALL LETTER T WITH CURL: ȶ

(NRSI glyph name: LtnSmTCurl; Encore SILID 1926)

Phonetic symbol used for Chinese and Sino-Tibetan (curl used to indicate laminal alveolo-palatal). Requested by EAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+0236

U+F206 LATIN SMALL LETTER TURNED H WITH FISHHOOK: ʮ

(NRSI glyph name: LtnSmTurnedHFishhook; Encore SILID 1210)

Phonetic symbol: rounded apical vowel. Used in Chinese phonetics. Requested by EAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+02AE

U+F207 LATIN SMALL LETTER TURNED H WITH FISHHOOK AND TAIL: ʯ

(NRSI glyph name: LtnSmTurnedHFishhookTail; Encore SILID 1310)

Phonetic symbol: rounded retroflex apical vowel. Used in Chinese phonetics. Requested by EAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.0: U+02AF

U+F208 LATIN CAPITAL LETTER SMALL ALPHA: ɑ

(NRSI glyph name: LtnCapSmAlpha; Encore SILID 2002)

Found in fonts from CMB and UTB; used in primers in Uganda. Also, phonetic symbol: voiceless, low central vowel (Americanist tradition—Pike, Smalley). Requested by New Tribes Mission.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.1: U+2C6D.

U+F209 LATIN CAPITAL LETTER SMALL TURNED ALPHA: ɒ

(NRSI glyph name: LtnCapSmTurnedAlpha; Encore SILID 2102)

Phonetic symbol for voiceless low open back rounded vowel (Americanist tradition). Requested by New Tribes Mission. Used in NTM textbook for phonetics. As far as is known, NTM is the only source that uses that symbol.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 5.2: U+2C70.

U+F20A LATIN CAPITAL LETTER B WITH STROKE: Ƀ

(NRSI glyph name: LtnCapBBarredLowerStem; Encore SILID 8003)

Orthographic character used for one or more languages of Vietnam, requested by MSEAG.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+0243

U+F20B LATIN SMALL LETTER C WITH STROKE: ȼ

(NRSI glyph name: LtnSmCStrk; no Encore SILID)

Phonetic symbol for voiceless alveolar affricate (Americanist tradition). Confirmed usage in linguistic publications (IJAL). Requested by New Tribes Mission.

Date added: 28-SEP-2002

Deprecated usage as it was added to Unicode 4.1: U+023C.

U+F20C LATIN SMALL LETTER D WITH HOOK AND TAIL: ɗ

= *LATIN SMALL LETTER D WITH TAIL AND HOOK*

(NRSI glyph name: LtnSmDTailHook; no Encore SILID)

Phonetic symbol: voiced implosive, retroflex stop. (This shape is the natural result of combining IPA symbols for retroflex d and implosive d; cited in Pullum and Ladusaw 1996.) Requested by Richard Hoyle (WEG).

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1D91.

U+F20D LATIN CAPITAL LETTER D WITH STROKE AND HOOK: Ð

(NRSI glyph name: LtnCapDStrokeHook; no Encore SILID)

Requested by IVB. (Waiting for confirmation of usage.)

Date added: 01-OCT-2002

U+F20E LATIN SMALL LETTER L WITH DOUBLE BAR: ł

= *LATIN SMALL LETTER DOUBLE-BARRED L*

(NRSI glyph name: LtnSmDblBarredL; Encore SILID 1915)

Found in PNB entity font; confirmed orthographic usage in Melpa language. Requested by PNB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+2C61.

U+F20F LATIN CAPITAL LETTER L WITH DOUBLE BAR: Ł

= *LATIN CAPITAL LETTER DOUBLE-BARRED L*

(NRSI glyph name: LtnCapDblBarredL; Encore SILID 2915)

Found in PNB entity font; confirmed orthographic usage in Melpa language. Requested by PNB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+2C60.

U+F210 LATIN SMALL LETTER P WITH STROKE: ꝑ

(NRSI glyph name: LtnSmPStroke; Encore SILID 7519)

Phonetic symbol: voiceless bilabial fricative (Americanist tradition). Requested by MXB.

General category: Ll

Upper case is U+F25C

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1D7D.

U+F211 LATIN SMALL LETTER Q WITH HOOK TAIL: ɋ

(NRSI glyph name: LtnSmQHookTail; Encore SILID 1221)

Found in PNB entity fonts. Introduced by early Lutheran missionaries for Numanggang language. Community has recently decided to discontinue using this, but it is found in existing publications such as song books and liturgy materials.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+024B

U+F212 LATIN CAPITAL LETTER SMALL Q WITH HOOK TAIL: ɋ

(NRSI glyph name: LtnCapSmQHookTail; Encore SILID 2221)

Found in PNB entity fonts. Introduced by early Lutheran missionaries for Numanggang language. Community has recently decided to discontinue using this, but it is found in existing publications such as song books and liturgy materials.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+024A

U+F213 LATIN SMALL LETTER R WITH STROKE: ɍ

(NRSI glyph name: LtnSmRBar; Encore SILID 7022)

Found in several project-specific fonts from NIB, and in keyboard chart for Kanuri. Also found in BFB entity font (but pre-dates division of NIB from BFB). Used for Kanuri (Niger, as per Hartell).

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+024D

U+F214 LATIN CAPITAL LETTER R WITH STROKE: R

(NRSI glyph name: LtnCapRBarredStem; Encore SILID 2922)

Found in several project-specific fonts from NIB, and in keyboard chart for Kanuri. Also found in BFB entity font (but pre-dates division of NIB from BFB). Used for Kanuri (Niger).

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+024C

U+F215 LATIN CAPITAL LETTER R WITH TAIL: R

= *LATIN CAPITAL LETTER SMALL R WITH TAIL*

 (NRSI glyph name: LtnCapSmRHookTail; Encore SILID 2822)

Alternate form also exists (based upon lowercase letter). Found in fonts from SUB. Confirmed orthographic usage in Heiban and Moro languages. Requested by SUB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+2C64.

U+F216 LATIN SMALL LETTER ESH WITH RETROFLEX HOOK: ∫

= *LATIN SMALL LETTER ESH WITH HOOK*

(NRSI glyph name: LtnSmEshHook; Encore SILID 1824)

Phonetic symbol: voiceless retroflexed alveolopalatal (or post-alveolar) fricative (not cited in Pullum and Ladusaw 1996; not currently-approved IPA usage.) Found in SAG-IPA font, but apparently not used to date in existing documents within SAG. Requested by International Linguistic Department.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1D98.

U+F217 LATIN CAPITAL LETTER REVERSED ESH: Ɜ

(NRSI glyph name: LtnRevCapEsh; Encore SILID 2035)

Found in GHG entity font. Confirmed orthographic usage for Dagbani language. Used as upper case counterpart to ʒ (c.f. U+0292 ʒ / U+01B7 Ʒ); may need to propose lower case counterpart ʒ as well.

Date added: 01-OCT-2002

This character, "Ɜ", was added on the basis of confirmed use for the Dagbani language in Ghana.

At the time, it was known that this was used as an uppercase counterpart to "ʒ", and it was anticipated that there may be a need to encode the lowercase letter as well. (The character "ʒ" occurs in Unicode as U+0292 LATIN SMALL LETTER EZH, but a distinct character would be needed as a lowercase counterpart to "Ɜ" in order to preserve normative case mappings.)

Since then, it has been found that it would likely be rejected if a proposal was made to Unicode as it would be considered a glyph variant of U+01B7 LATIN CAPITAL LETTER EZH. Therefore, it is proposed that the typeform "Ɜ" be handled in fonts as a glyph variant of U+01B7, and that this PUA character be deprecated.

Date added: 25-OCT-2003

U+F218 LATIN CAPITAL LETTER U BAR: Ʉ

(NRSI glyph name: LtnCapUBar; Encore SILID 8027)

Found in PNB entity fonts. Confirmed orthographic usage for Mesem, Melpa languages (PNG), and also for Sayula Popoluca (Mexico). Requested by PNB and MXB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+0244.

U+F219 LATIN CAPITAL LETTER TURNED V: Ʌ

(NRSI glyph name: LtnCapTurnedV; Encore SILID 2129)

Found in PNB entity fonts. Confirmed orthographic usage for Nakina language. Requested by PNB and MXB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.0: U+0245.

U+F21A LATIN SMALL LETTER W WITH HOOK: ⱳ

(NRSI glyph name: LtnSmWHook; no Encore SILID)

Confirmed orthographic usage for Puguli language (BFB). Requested by BFB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.1: U+2C73.

U+F21B LATIN CAPITAL LETTER W WITH HOOK: Ⱳ

(NRSI glyph name: LtnCapWHook; no Encore SILID)

Confirmed orthographic usage for Puguli language (BFB). Requested by BFB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 5.1: U+2C72.

U+F21C LATIN SMALL LETTER EZH WITH RETROFLEX HOOK: ʓ

= LATIN SMALL LETTER EZH WITH HOOK

(NRSI glyph name: LtnSmEzhHook; Encore SILID 1535)

Phonetic symbol: voiced retroflexed alveolopalatal (or post-alveolar) fricative (not cited in Pullum and Ladusaw 1996; not currently-approved IPA usage.) Found in SAG-IPA font, but apparently not used to date in existing documents within SAG. Requested by International Linguistic Department.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+1D9A.

U+F21D LATIN SMALL LETTER SALTILLO: ꞌ

(NRSI glyph name: ModStraightApos, Encore SILID 1042)

Alternative names: MODIFIER LETTER STRAIGHT APOSTROPHE and LATIN LETTER DOTLESS EXCLAMATION

Found in fonts from various entities, and specifically requested by PNG, MXB, SUB, ECG. Used to represent the phoneme glottal stop. The intent is to have a character for glottal stop (other than the glottal stop phonetic symbol) that is unambiguous and will not be confused with apostrophe or quotation marks. Unlike U+0027 APOSTROPHE and U+02BC MODIFIER LETTER APOSTROPHE, this necessarily has a straight form, not curved.

Uppercase to this is U+F26A LATIN CAPITAL LETTER SALTILLO.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.1: U+A78C.

U+F21E LATIN SMALL LETTER GLOTTAL STOP: ?

(NRSI glyph name: LtnSmGlottalStop; Encore SILID 1045)

Lowercase counterpart to U+0294 LATIN LETTER GLOTTAL STOP. Confirmed orthographic usage for Dogrib, Chipewyan, North Slavey, South Slavey. Requested by NAB.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+0242.

U+F21F LATIN CAPITAL LETTER L WITH BAR: Ł

(NRSI glyph name: LtnCapLBar; Encore SILID 8015)

This character was proposed previously (01-OCT-2002), but not approved for lack of evidence of actual usage. Found in PNB entity font, but it is unclear whether this is in current usage and contrastive with other characters within the PNB context. Usage of this character for orthographic purposes in Dogrib and Slavey in North America and for various languages of Mexico has been confirmed. Requested by MXB. Also, Americanist phonetic symbol for voiceless lateral fricative.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+023D.

U+F220 LATIN SMALL LETTER E WITH STROKE: ɇ

(NRSI glyph name: LtnSmEStrk; no Encore SILID)

Confirmed orthographic character used for Southeastern Tepehaun language of Mexico; requested by MXB.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+0247.

U+F221 LATIN CAPITAL LETTER E WITH STROKE: Ɇ

(NRSI glyph name: LtnCapEStrk; no Encore SILID)

Confirmed orthographic character used for Southeastern Tepehaun language of Mexico; requested by MXB.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+0246.

U+F222 LATIN SMALL LETTER H WITH DESCENDER: ɦ

(NRSI glyph name: LtnSmHDesc; no Encore SILID)

Orthographic character reportedly used for Tat. Past request from NEG; confirmed orthographic usage. (This character is used in an orthography dating back to the 1920s; other orthographies that do not use this character have since been introduced, but the earlier orthography is still encountered.)

Also used by Uighur (and probably several others). In use since 1966 at least in active use until 1984. Most of the readers are still alive. They are probably in their late 30s, 40's and 50's in terms of age.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+2C68.

U+F223 LATIN CAPITAL LETTER H WITH DESCENDER: Ħ

(NRSI glyph name: LtnCapHDesc; no Encore SILID)

Orthographic character reportedly used for Tat. Past request from NEG; confirmed orthographic usage. (This character is used in an orthography dating back to the 1920s; other orthographies that do not use this character have since been introduced, but the earlier orthography is still encountered.)

Also used by Uighur (and probably several others). In use since 1966 at least in active use until 1984. Most of the readers are still alive. They are probably in their late 30s, 40's and 50's in terms of age.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+2C67.

U+F224 LATIN SMALL LETTER B WITH PALATAL HOOK: ƀ

(NRSI glyph name: LtnSmBPalHook; no Encore SILID)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D80.

U+F225 LATIN SMALL LETTER C WITH PALATAL HOOK: ç

(NRSI glyph name: LtnSmCPalHook; no Encore SILID)

Required for Russian phonetic transcription (typographic approximations using comma are attested).

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 7.0: U+A794.

U+F226 LATIN SMALL LETTER D WITH PALATAL HOOK: ɖ

(NRSI glyph name: LtnSmDPalHook; Encore SILID 1705)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D81.

U+F227 LATIN SMALL LETTER F WITH PALATAL HOOK: ƒ

(NRSI glyph name: LtnSmFPalHook; no Encore SILID)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D82.

U+F228 LATIN SMALL LETTER G WITH PALATAL HOOK: ɡ

(NRSI glyph name: LtnSmScriptGPalHook; no Encore SILID)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D83.

U+F229 LATIN SMALL LETTER K WITH PALATAL HOOK: k

(NRSI glyph name: LtnSmKPalHook; Encore SILID 1514)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D84.

U+F22A LATIN SMALL LETTER L WITH PALATAL HOOK: l

(NRSI glyph name: LtnSmLPalHook; Encore SILID 1515)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D85.

U+F22B LATIN SMALL LETTER M WITH PALATAL HOOK: ɱ

(NRSI glyph name: LtnSmMPalHook; no Encore SILID)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D86.

U+F22C LATIN SMALL LETTER N WITH PALATAL HOOK: ɲ

(NRSI glyph name: LtnSmNPalHook; Encore SILID 1718)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D87.

U+F22D LATIN SMALL LETTER P WITH PALATAL HOOK: ƥ

(NRSI glyph name: LtnSmPPalHook; no Encore SILID)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D88.

U+F22E LATIN SMALL LETTER R WITH PALATAL HOOK: ɼ

(NRSI glyph name: LtnSmRPalHook; no Encore SILID)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D89.

U+F22F LATIN SMALL LETTER S WITH PALATAL HOOK: ʂ

(NRSI glyph name: LtnSmSPalHook; Encore SILID 1424)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D8A.

U+F230 LATIN SMALL LETTER ESH WITH PALATAL HOOK: ʃ

(NRSI glyph name: LtnSmEschPalHook; no Encore SILID)

Used in Russian phonetic transcription.

Principles verifies occurrence of palatal ʃ in Russian, but indicates that the symbol ʃ is used, but there are attested cases of ʃ with a palatal hook.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D8B.

U+F231 LATIN SMALL LETTER V WITH PALATAL HOOK: ʋ

(NRSI glyph name: LtnSmVPalHook; no Encore SILID)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D8C.

U+F232 LATIN SMALL LETTER X WITH PALATAL HOOK: x

(NRSI glyph name: LtnSmXPalHook; Encore SILID 1532)

Used in Russian phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D8D.

U+F233 LATIN SMALL LETTER Z WITH PALATAL HOOK: z

(NRSI glyph name: LtnSmZPalHook; Encore SILID 1234)

Orthographic character found in NIB fonts, and confirmed use for Dazaga (Tubu) of Niger. Also used as a phonetic symbol for palatalised z (e.g. for Russian).

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D8E.

U+F234 LATIN CAPITAL LETTER Z WITH PALATAL HOOK: Z̜

(NRSI glyph name: LtnCapZPalHook; no Encore SILID)

Uppercase counterpart to LATIN SMALL LETTER Z WITH PALATAL HOOK. The lowercase was wrongly thought to be used in the Dazaga orthography. Given that Latin script is bicameral, a need for the capital was anticipated.

Date added: 25-OCT-2003

U+F235 LATIN SMALL LETTER EZH WITH PALATAL HOOK: ʒ̜

(NRSI glyph name: LtnSmEzhPalHook; no Encore SILID)

Would be used in Russian phonetic transcription. This actual symbol has not been seen attested, but there is indication that this symbol might have been used by various linguists (Halle, Boyanus & Jopson) had it been available (Halle used comma and/or apostrophe as typographic approximations for palatal hook; was a gap in data for Boyanus & Jopson).

Principles (IPA 1949) verifies occurrence of palatal ʒ in Russian, but indicates that the symbol ʒ is used. So, perhaps authors might not have used this. Yet *Principles* has similar treatment for the palatal counterpart to ʃ (it indicates to use the symbol ʃ), but there are attested cases of ʃ with palatal hook. Such authors might be inclined to use ezh with palatal hook.

Not accepted for addition to Unicode (lack of evidence of use) (June 2003).

Date added: 25-OCT-2003

U+F236 LATIN SMALL LETTER A WITH RETROFLEX HOOK: a̢

(NRSI glyph name: LtnSmARetrHook; no Encore SILID)

Used in phonetic transcription. This character was approved by IPA in 1947. It was withdrawn in 1976, but such retroflex-hook vowel symbols are occasionally found in recent publications. Encoding of this text element using the combining mark U+0322 COMBINING RETROFLEX HOOK BELOW it thought to be best avoided.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D8F.

U+F237 LATIN SMALL LETTER ALPHA WITH RETROFLEX HOOK: ɑ̢

(NRSI glyph name: LtnSmAlphaRetrHook; no Encore SILID)

Used in phonetic transcription. This character was approved by IPA in 1947. It was withdrawn in 1976, but such retroflex-hook vowel symbols are occasionally found in recent publications. Encoding of this text element using the combining mark U+0322 COMBINING RETROFLEX HOOK BELOW it thought to be best avoided.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D90.

U+F238 LATIN SMALL LETTER E WITH RETROFLEX HOOK: e̢

(NRSI glyph name: LtnSmERetrHook; no Encore SILID)

Used in phonetic transcription. This character was approved by IPA in 1947. It was withdrawn in 1976, but such retroflex-hook vowel symbols are occasionally found in recent publications. Encoding of this text element using the combining mark U+0322 COMBINING RETROFLEX HOOK BELOW it thought to be best avoided.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D92.

U+F239 LATIN SMALL LETTER OPEN E WITH RETROFLEX HOOK: ɛ̢

(NRSI glyph name: LtnSmOpnERetrHook; no Encore SILID)

Used in phonetic transcription. This character was approved by IPA in 1947. It was withdrawn in 1976, but such retroflex-hook vowel symbols are occasionally found in recent publications. Encoding of this text element using the combining mark U+0322 COMBINING RETROFLEX HOOK BELOW it thought to be best avoided.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D93.

U+F23A LATIN SMALL LETTER REVERSED OPEN E WITH RETROFLEX HOOK: ɜ̢

(NRSI glyph name: LtnSmRevOpnERetrHook; no Encore SILID)

Used in phonetic transcription. This character was approved by IPA in 1947. It was withdrawn in 1976, but such retroflex-hook vowel symbols are occasionally found in recent publications. Encoding of this text element using the combining mark U+0322 COMBINING RETROFLEX HOOK BELOW it thought to be best avoided.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D94.

U+F23B LATIN SMALL LETTER SCHWA WITH RETROFLEX HOOK: ə̣

(NRSI glyph name: LtnSmSchwaRetrHook; no Encore SILID)

Used in phonetic transcription. This character was approved by IPA in 1947. It was withdrawn in 1976, but such retroflex-hook vowel symbols are occasionally found in recent publications. Encoding of this text element using the combining mark U+0322 COMBINING RETROFLEX HOOK BELOW it thought to be best avoided.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D95.

U+F23C LATIN SMALL LETTER I WITH RETROFLEX HOOK: i̤

(NRSI glyph name: LtnSmIRetrHook; no Encore SILID)

Used in phonetic transcription. This character was approved by IPA in 1947. It was withdrawn in 1976, but such retroflex-hook vowel symbols are occasionally found in recent publications. Encoding of this text element using the combining mark U+0322 COMBINING RETROFLEX HOOK BELOW it thought to be best avoided.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D96.

U+F23D LATIN SMALL LETTER OPEN O WITH RETROFLEX HOOK: ɔ̣

(NRSI glyph name: LtnSmOpnORetrHook; no Encore SILID)

Used in phonetic transcription. This character was approved by IPA in 1947. It was withdrawn in 1976, but such retroflex-hook vowel symbols are occasionally found in recent publications. Encoding of this text element using the combining mark U+0322 COMBINING RETROFLEX HOOK BELOW it thought to be best avoided.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D97.

U+F23E LATIN SMALL LETTER U WITH RETROFLEX HOOK: ụ

(NRSI glyph name: LtnSmURetrHook; no Encore SILID)

Used in phonetic transcription. This character was approved by IPA in 1947. It was withdrawn in 1976, but such retroflex-hook vowel symbols are occasionally found in recent publications. Encoding of this text element using the combining mark U+0322 COMBINING RETROFLEX HOOK BELOW it thought to be best avoided.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D99.

U+F23F LATIN LETTER SMALL CAPITAL LETTER U WITH STROKE: ᴚ

= *LATIN LETTER SMALL CAPITAL U BAR*

(NRSI glyph name: LtnSmCapUBar; no Encore SILID)

Used for phonetic transcription in Americanist and other traditions.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D7E.

U+F240 LATIN SMALL LETTER DB DIGRAPH: ȸ

(NRSI glyph name: LtnSmDBDigraph; no Encore SILID)

Used in phonetic transcription. Not IPA approved, but found in recent publications (e.g. Ladefoged and Maddieson 1996).

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+0238.

U+F241 LATIN SMALL LETTER QP DIGRAPH: ȹ

(NRSI glyph name: LtnSmQPDigraph; no Encore SILID)

Used in phonetic transcription. Not IPA approved, but found in recent publications (e.g. Ladefoged and Maddieson 1996).

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+0239.

U+F242 LATIN CAPITAL LETTER L WITH MIDDLE TILDE: Ⱡ

(NRSI glyph name: LtnCapLMiddleTilde; no Encore SILID)

Found in PNB entity font; confirmed orthographic usage in Kobon language. Requested by PNB.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+2C62.

U+F243 LATIN SMALL LETTER Y WITH STROKE: ɏ

(NRSI glyph name: LtnSmYStrk; no Encore SILID)

Found in PLB entity font; confirmed orthographic usage in Lubuagan Kalinga language. Requested by PLB.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+024F.

U+F244 LATIN CAPITAL LETTER Y WITH STROKE: Y

(NRSI glyph name: LtnCapYStrk; no Encore SILID)

Found in PLB entity font; confirmed orthographic usage in Lubuagan Kalinga language. Requested by PLB.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+024E.

U+F245 LATIN SMALL LETTER TRESILLO: ε

=LATIN LETTER TRESILLO

(NRSI glyph name: LtnTresillo; no Encore SILID)

Used by Jesuit linguists as an orthographic character for Mayan languages. This character is found in recent Mayanist publications when citing data from Jesuit sources.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.1: U+A72B.

U+F246 LATIN SMALL LETTER CUATRILLO: 4

=LATIN LETTER CUATRILLO

(NRSI glyph name: LtnCuatrillo; no Encore SILID)

Used by Jesuit linguists as an orthographic character for Mayan languages. This character is found in recent Mayanist publications when citing data from Jesuit sources.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.1: U+A72D.

U+F247 LATIN SMALL LETTER AT: @

(NRSI glyph name: LtnSmAt; Encore SILID 1601)

Although visually similar to U+0040 COMMERCIAL AT, this is used as an orthographic character for Arabic loan words in Kwaliib, and has different character properties. Requested by SUB.

Date added: 25-OCT-2003

Rejected for encoding in Unicode (Nov. 2004). There were concerns about its similarity to the "Commercial At". A Public Review was held at the end of which it was decided not to add these.

2013-02-06 UTC recommended use of U+24D0 and SIL PUA committee concurs.

U+F248 LATIN CAPITAL LETTER AT: 🅐

(NRSI glyph name: LtnCapAt; Encore SILID 2601)

Used as orthographic character for Arabic loan words in Kwaliib. Requested by SUB.

Date added: 25-OCT-2003

Rejected for encoding in Unicode (Nov. 2004). There were concerns about its similarity to the "Commercial At". A Public Review was held at the end of which it was decided not to add these.

2013-02-06 UTC recommended use of U+24B6 and SIL PUA committee concurs.

U+F249 LATIN LETTER SMALL B WITH MIDDLE TILDE: ƀ

(NRSI glyph name: LtnSmBMiddleTilde; no Encore SILID)

Used in phonetic transcription . Not explicitly listed by IPA, but conforms to IPA usage per general description of middle tilde.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D6C.

U+F24A LATIN LETTER SMALL D WITH MIDDLE TILDE: đ

(NRSI glyph name: LtnSmDMiddleTilde; no Encore SILID)

Used in phonetic transcription . Cited explicitly by IPA (1949, 1999).

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D6D.

U+F24B LATIN LETTER SMALL F WITH MIDDLE TILDE: ƒ

(NRSI glyph name: LtnSmFMiddleTilde; no Encore SILID)

Used in phonetic transcription . Not explicitly listed by IPA, but conforms to IPA usage per general description of middle tilde.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D6E.

U+F24C LATIN LETTER SMALL M WITH MIDDLE TILDE: ₥

(NRSI glyph name: LtnSmMMiddleTilde; no Encore SILID)

Used in phonetic transcription. Not explicitly listed by IPA, but conforms to IPA usage per general description of middle tilde.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D6F.

U+F24D LATIN LETTER SMALL N WITH MIDDLE TILDE: n

(NRSI glyph name: LtnSmNMiddleTilde; no Encore SILID)

Used in phonetic transcription. Cited explicitly by IPA (1999).

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D70.

U+F24E LATIN LETTER SMALL P WITH MIDDLE TILDE: p

(NRSI glyph name: LtnSmPMiddleTilde; no Encore SILID)

Used in phonetic transcription. Not explicitly listed by IPA, but conforms to IPA usage per general description of middle tilde.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D71.

U+F24F LATIN LETTER SMALL R WITH MIDDLE TILDE: r

(NRSI glyph name: LtnSmRMiddleTilde; no Encore SILID)

Used in phonetic transcription. Not explicitly listed by IPA, but conforms to IPA usage per general description of middle tilde.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D72.

U+F250 LATIN LETTER SMALL R WITH FISHHOOK AND MIDDLE TILDE: ɾ

= LATIN LETTER SMALL R WITH FISHHOOK WITH MIDDLE TILDE

(NRSI glyph name: LtnSmRFishhookMiddleTilde; no Encore SILID)

Used in phonetic transcription. Not explicitly listed by IPA, but conforms to IPA usage per general description of middle tilde.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D73.

U+F251 LATIN LETTER SMALL S WITH MIDDLE TILDE: s

(NRSI glyph name: LtnSmSMiddleTilde; no Encore SILID)

Used in phonetic transcription. Cited explicitly by IPA (1949).

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D74.

U+F252 LATIN LETTER SMALL T WITH MIDDLE TILDE: ₮

(NRSI glyph name: LtnSmTMiddleTilde; no Encore SILID)

Used in phonetic transcription. Cited explicitly by IPA (1949).

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D75.

U+F253 LATIN LETTER SMALL Z WITH MIDDLE TILDE: Ƶ

(NRSI glyph name: LtnSmZMiddleTilde; no Encore SILID)

Used in phonetic transcription . Cited explicitly by IPA (1949).

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D76.

U+F254 LATIN SMALL CAPITAL LETTER I WITH STROKE: ɪ

= LATIN LETTER SMALL CAPITAL I WITH STROKE

(NRSI glyph name: LtnSmCapIStrk; no Encore SILID)

Used for phonetic transcription in Americanist and other traditions.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D7B.

U+F255 LATIN SMALL LETTER UPSILON WITH STROKE: ℧

= LATIN LETTER SMALL CAPITAL UPSILON WITH STROKE

(NRSI glyph name: LtnSmUpsilonStrk; no Encore SILID)

Used in some systems of phonetic transcription.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+1D7F.

U+F256 LATIN SMALL LETTER S WITH SWASH TAIL: ȿ

= LATIN LETTER SMALL S WITH SWASH TAIL

(NRSI glyph name: LtnSmSSwashTail; no Encore SILID)

Used in phonetic transcription: labialized voiceless alveolar fricative. Not IPA-approved, but attested in Africanist literature.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+023F.

U+F257 LATIN SMALL LETTER Z WITH SWASH TAIL: ⱬ

= *LATIN LETTER SMALL Z WITH SWASH TAIL*

(NRSI glyph name: LtnSmZSwashTail; no Encore SILID)

Used in phonetic transcription: labialized voiced alveolar fricative. Not IPA-approved, but attested in Africanist literature.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 4.1: U+0240.

U+F258 LATIN LETTER SMALL CAPITAL I OVER SMALL SCHWA: ɪ̷ə

(NRSI glyph name: LtnSmCapIOverSmSchwa; no Encore SILID)

Used in *Longman Dictionary of Contemporary English* and derivative titles.

Date added: 25-OCT-2003

Rejected for encoding in Unicode (August 2003).

U+F259 LATIN LETTER SMALL UPSILON OVER SMALL SCHWA: ʊ̷ə

(NRSI glyph name: LtnSmUpsilonOverSmSchwa; no Encore SILID)

Used in *Longman Dictionary of Contemporary English* and derivative titles.

Date added: 25-OCT-2003

Rejected for encoding in Unicode (August 2003).

U+F25A LATIN SMALL LETTER HENG: ꜧ

(NRSI glyph name: LtnSmHeng; no Encore SILID)

Used in one orthography for Judeo-Tat — confirmed. If it is used orthographically, presumably there is a capital as well, but samples have not been seen.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.1: U+A727.

U+F25B LATIN CAPITAL LETTER M WITH HOOK: Ɱ

(NRSI glyph name: LtnCapMHook; Encore SILID 2417)

Used in phonetic transcription by some in the Americanist tradition for voiceless labiodental nasal. Requested by MXB.

Can be represented in IPA as "Ɱ̥".

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.1: U+2C6E.

U+F25C LATIN CAPITAL LETTER P WITH STROKE: Ᵽ

This character is used by both the Letuama and Tanimuka (two distinct ethnic groups that speak the same language) of Colombia, South America. It is a bilabial fricative. It has been used in publications since 1987.

The reason for the character is that a sound change is slowly taking place in the southern part of the linguistic area and that is affecting the phonetic realization of /p/ (this is across language families as well). In the southern areas the speakers were writing it with the letter 'f' instead of 'p'. There is a lot of pride and little compromise between dialects and this was threatening to create a second orthography (or a resistance to reading materials written with the letter 'p'). So we proposed the barred p symbol so that both areas compromised and they could pronounce it however they wanted.

General category: Lu

Lower case is F210.

Date added: 19-OCT-2004

Deprecated usage as it was added to Unicode 5.0: U+2C63.

U+F25D LATIN SMALL LETTER IOTA WITH STROKE: ɨ

(NRSI glyph name: LtnSmIotaStrk)

This character is used by Slavic linguists in descriptions of Russian

Date added: 05-MAR-2004

Deprecated usage as it was added to Unicode 4.1: U+1D7C.

U+F25E LATIN SMALL LETTER V WITH CURL: ⱱ

(NRSI glyph name: LtnSmVCurl; Encore SILID 1229)

Found in CAG font. Phonetic symbol for labio-dental flap. Requested by CAG. Confirmed usage.

Date added: 05-MAR-2004

Deprecated usage as it was added to Unicode 5.0: U+2C74.

U+F25F LATIN SMALL LETTER V WITH RIGHT HOOK: ⱱ

(NRSI glyph name: LtnSmVRtHook; Encore SILID 1629)

Phonetic symbol for labiodental flap. Requested by CAG and IPA.

Character properties: Ll.

Deprecated usage as it was added to Unicode 5.1: U+2C71.

U+F260 LATIN SMALL LETTER J WITH STROKE: ɉ

(NRSI glyph name: LtnSmJStroke; Encore SILID 7413)

Requested for use in the Arhuaco (Ethnologue code: ARH) language of Colombia. It is being used for a voiced alveopalatal affricate like the j of just in English. The history is a bit sketchy, but it has been in use for perhaps the last 10 years, but little literature has been produced to date.

Date added: 18-MAY-2004

Deprecated usage as it was added to Unicode 5.0: U+0249.

U+F261 LATIN CAPITAL LETTER J WITH STROKE: Ɉ

(NRSI glyph name: LtnCapJStroke; Encore SILID 8013)

Requested for use in the Arhuaco (Ethnologue code: ARH) language of Colombia. It is being used for a voiced alveopalatal affricate like the j of just in English. The history is a bit sketchy, but it has been in use for perhaps the last 10 years, but little literature has been produced to date.

Date added: 18-MAY-2004

Deprecated usage as it was added to Unicode 5.0: U+0248.

U+F262 LATIN SMALL LETTER K WITH DESCENDER: ӄ

(NRSI glyph name: LtnSmKDesc; no Encore SILID)

Language(s)which use these characters: Uighur, Kazakh, Kirghiz, Daur (and probably several others). In use since 1966 at least in active use until 1984. (Please note that the Chinese-Qazaq dictionary was reprinted in 2000). Most of the readers are still alive. They are probably in their late 30s, 40's and 50's in terms of age. Represents /q/ (uvular stop - both Uighur and Qazaq).

Date added: 15-NOV-2004

Deprecated usage as it was added to Unicode 5.0: U+2C6A.

U+F263 LATIN CAPITAL LETTER K WITH DESCENDER: Ƙ

(NRSI glyph name: LtnCapKDesc; no Encore SILID)

Language(s) which use these characters: Uighur, Kazakh, Kirghiz, Daur (and probably several others). In use since 1966 at least in active use until 1984. (Please note that the Chinese-Qazaq dictionary was reprinted in 2000). Most of the readers are still alive. They are probably in their late 30s, 40's and 50's in terms of age. Represents /q/ (uvular stop - both Uighur and Qazaq).

Date added: 15-NOV-2004

Deprecated usage as it was added to Unicode 5.0: U+2C69.

U+F264 LATIN SMALL LETTER Z WITH DESCENDER: ᴢ

(NRSI glyph name: LtnSmZDesc; no Encore SILID)

Language(s)which use these characters: Uighur, Daur (and probably several others). In use since 1966 at least in active use until 1984. (Please note that the Chinese-Qazaq dictionary was reprinted in 2000). Most of the readers are still alive. They are probably in their late 30s, 40's and 50's in terms of age. Represents /d͡ʒ/.

Date added: 15-NOV-2004

Deprecated usage as it was added to Unicode 5.0: U+2C6C.

U+F265 LATIN CAPITAL LETTER Z WITH DESCENDER: Ƶ

(NRSI glyph name: LtnCapZDesc; no Encore SILID)

Language(s)which use these characters: Uighur, Daur (and probably several others). In use since 1966 at least in active use until 1984. (Please note that the Chinese-Qazaq dictionary was reprinted in 2000). Most of the readers are still alive. They are probably in their late 30s, 40's and 50's in terms of age. Represents /d͡ʒ/.

Date added: 15-NOV-2004

Deprecated usage as it was added to Unicode 5.0: U+2C6B.

U+F266 LATIN SMALL LETTER L WITH RETROFLEX HOOK AND BELT: ꞎ

(NRSI glyph name: LtnSmLRetrHookBelt; no Encore SILID)

Phonetic symbol for voiceless lateral retroflex fricative. Ladefoged discusses lack of IPA coverage and ad hoc solutions at: http://www.es.unizh.ch/jstraessler/Ladef%20pp%20275-280.pdf. Requested by Kirk Miller.

Date added: 8-June-2006

Deprecated usage as it was added to Unicode 6.0: U+A78E.

U+F267 LATIN SMALL LETTER TURNED Y WITH BELT: ⅄

(NRSI glyph name: LtnSmTurnedYBelt; no Encore SILID)

Phonetic symbol for voiceless lateral palatal fricative. Requested by Kirk Miller.

Date added: 8-June-2006

U+F268 LATIN LETTER SMALL CAPITAL L WITH BELT: ꞈ

(NRSI glyph name: LtnSmCapLBelt; no Encore SILID)

Phonetic symbol for voiceless lateral velar fricative. Requested by Kirk Miller.

Date added: 8-June-2006

U+F269 LATIN SMALL LETTER TURNED R WITH LONG LEG AND HOOK: ɺ

(NRSI glyph name: LtnSmTurnedRLngLegHook; no Encore SILID)

Phonetic symbol for retroflex lateral flap. Requested by PNG and Kirk Miller.

Date added: 8-June-2006

U+F26A LATIN CAPITAL LETTER SALTILLO:

(NRSI glyph name: LtnCapSaltillo, no Encore SILID)

This is the upper case to U+F21D LATIN SMALL LETTER SALTILLO. Case pairs are used in the Meꞌphaa language of Mexico.

Unlike U+0027 APOSTROPHE and U+02BC MODIFIER LETTER APOSTROPHE, this necessarily has a straight form, not curved.

Date added: 4-DEC-2006

Deprecated usage as it was added to Unicode 5.1: U+A78B.

U+F26B LATIN CAPITAL LETTER TURNED H: Ɥ

(NRSI glyph name: LtnCapTurnedH, no Encore SILID)

This would be the uppercase to U+0265 LATIN SMALL LETTER TURNED H. Properties: same as other uppercase letters.

This is used in the Dan/Gio orthography in Liberia and is requested by the Lutheran Bible Translators.

Deprecated usage as it was added to Unicode 6.0: U+A78D.

U+F26C LATIN CAPITAL LETTER J WITH CROSSED-TAIL: Ɉ

(NRSI glyph name: LtnCapJCrossedTail, no Encore SILID)

This would be the uppercase to U+029D LATIN SMALL LETTER J WITH CROSSED-TAIL.

Properties: same as other uppercase letters.

This is planned for use in the Ik orthography in Uganda.

Deprecated usage as it was added to Unicode 8.0: U+A7B2.

U+F26D LATIN SMALL LETTER B WITH LEFT HOOK: ʙ

(NRSI glyph name: LtnSmBLftHook, Encore SILID 1503)

This is a bilabial trill. There is already a bilabial trill in IPA and in Unicode at U+0299 (ʙ). However, this is a significantly different glyph and is required for linguistic papers discussing past transcriptions of bilabial trills.

Properties: same as other lowercase letters. However, there is no uppercase pair at this time.

This is planned for linguistic use only and should not be used in orthographies. An uppercase would be difficult to design since there is already a hook b case pair (Ɓ/ɓ).

U+F300 HEBREW PUNCTUATION NUN HAFUKHA: ׆

= HEBREW REVERSED NUN

Deprecated usage as it was added to Unicode 4.1: U+05C6

U+F301 HEBREW MARK LOWER DOT: ◌ֹ

Deprecated usage as it was added to Unicode 4.1: U+05C5

U+F302 HEBREW ACCENT RIGHT METEG:

Deprecated usage: for *meteg+CGJ+vowel* use *U+05BD + U+034F + vowel*

U+F303 HEBREW ACCENT LEFT METEG:

Deprecated usage: for *non-hataf vowel+meteg* use *non-hataf vowel + U+05BD*
                           for *hataf vowel+ZWNJ+meteg* use *hataf vowel + U+200C + U+05BD*

U+F320 CYRILLIC CAPITAL LETTER GHE WITH DESCENDER: Ⴚ

(NRSI glyph name: CyCapGheDesc; Encore SILID 2087)

Confirmed orthographic usage for Yupik (NAB) and Nivkh (Russia). Requested by NAB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+04F6.

U+F321 CYRILLIC SMALL LETTER GHE WITH DESCENDER: ґ

(NRSI glyph name: CySmGheDesc; Encore SILID 1087)

Confirmed orthographic usage for Yupik (NAB) and Nivkh (Russia). Requested by NAB.

Date added: 01-OCT-2002

Deprecated usage as it was added to Unicode 4.1: U+04F7.

U+F322 CYRILLIC CAPITAL LETTER EL WITH HOOK: ЈЈ

(NRSI glyph name: CyCapElHook; no Encore SILID)

Orthographic character reportedly used for Chukchi, Itelman and Khanti. Requested by NEG.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+0512.

U+F323 CYRILLIC SMALL LETTER EL WITH HOOK: ЈЈ

(NRSI glyph name: CySmElHook; no Encore SILID)

Orthographic character reportedly used for Chukchi, Itelman and Khanti. Requested by NEG.

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+0513.

U+F324 CYRILLIC CAPITAL LETTER HA WITH HOOK: Х

(NRSI glyph name: CyCapHaHook; no Encore SILID)

Orthographic character reportedly used for Itelmen and Nivkh. Past request from NEG; Corroborated on various Web sites.[3]

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+04FC.

U+F325 CYRILLIC SMALL LETTER HA WITH HOOK: х

(NRSI glyph name: CySmHaHook; no Encore SILID)

Orthographic character reportedly used for Itelmen and Nivkh. Past request from NEG. Corroborated on various Web sites.[4]

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+04FD.

U+F326 CYRILLIC CAPITAL LETTER GHE WITH STROKE AND DESCENDER: Ғ

(NRSI glyph name: CyCapGheStrkDesc; no Encore SILID)

Orthographic character reportedly used for Nivkh. Not explicitly requested by NEG, but they had mentioned Nivkh requiring characters for which they did not have glyphs. Corroborated on various Web sites.[5]

Date added: 25-OCT-2003

NRSI does not plan to propose this character as U+04FA CYRILLIC CAPITAL LETTER GHE WITH STROKE AND HOOK is the preferred character (which SIL proposed for IBT).

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[3] See: http://www.peoples.org.ru/eng_pala.html, http://odur.let.rug.nl/~bergmann/russia/alphabets/nivkh.htm (no longer online), http://www.eki.ee/letter/chardata.cgi?lang=_nivkh&script=cyrillic.

[4] See: http://www.peoples.org.ru/eng_pala.html, http://odur.let.rug.nl/~bergmann/russia/alphabets/nivkh.htm (no longer online), http://www.eki.ee/letter/chardata.cgi?lang=_nivkh&script=cyrillic.

[5] See: http://www.peoples.org.ru/eng_pala.html, http://transliteration.eki.ee/pdf/Nivkh.pdf, http://www.eki.ee/letter/chardata.cgi?lang=_nivkh&script=cyrillic.

U+F327 CYRILLIC SMALL LETTER GHE WITH STROKE AND DESCENDER: Ӻ

(NRSI glyph name: CySmGheStrkDesc; no Encore SILID)

Orthographic character reportedly used for Nivkh. Not explicitly requested by NEG, but they had mentioned Nivkh requiring characters for which they did not have glyphs. Corroborated on various Web sites.[6]

Date added: 25-OCT-2003

NRSI does not plan to propose this character as U+04Fb CYRILLIC SNALL LETTER GHE WITH STROKE AND HOOK is the preferred character (which SIL proposed for IBT).

U+F328 CYRILLIC CAPITAL LETTER HA WITH STROKE: X

(NRSI glyph name: CyCapHaStrk; no Encore SILID)

Orthographic character reportedly used for Nivkh. Not explicitly requested by NEG, but they had mentioned Nivkh requiring characters for which they did not have glyphs. Corroborated on various Web sites.[7]

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+04FE.

U+F329 CYRILLIC SMALL LETTER HA WITH STROKE: X

(NRSI glyph name: CySmHaStrk; no Encore SILID)

Orthographic character reportedly used for Nivkh. Not explicitly requested by NEG, but they had mentioned Nivkh requiring characters for which they did not have glyphs. Corroborated on various Web sites.[8]

Date added: 25-OCT-2003

Deprecated usage as it was added to Unicode 5.0: U+04FF.

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[6] See: http://www.peoples.org.ru/eng_pala.html, http://transliteration.eki.ee/pdf/Nivkh.pdf, http://www.eki.ee/letter/chardata.cgi?lang=_nivkh&script=cyrillic.

[7] See: http://www.peoples.org.ru/eng_pala.html, http://odur.let.rug.nl/~bergmann/russia/alphabets/nivkh.htm (no longer online), http://transliteration.eki.ee/pdf/Nivkh.pdf, http://www.eki.ee/letter/chardata.cgi?lang=_nivkh&script=cyrillic.

[8] See: http://www.peoples.org.ru/eng_pala.html, http://odur.let.rug.nl/~bergmann/russia/alphabets/nivkh.htm (no longer online), http://transliteration.eki.ee/pdf/Nivkh.pdf, http://www.eki.ee/letter/chardata.cgi?lang=_nivkh&script=cyrillic.

U+F32A CYRILLIC CAPITAL LETTER REVERSED ZE: Ɛ

(NRSI glyph name: CyCapRevZe; no Encore SILID)

Orthographic character reportedly used for Enets. Past request from NEG. Confirmed for Enets and Khanti.

Date added: 08-MAR-2005

Deprecated usage as it was added to Unicode 5.0: U+0510.

U+F32B CYRILLIC SMALL LETTER REVERSED ZE: ɛ

(NRSI glyph name: CySmRevZe; no Encore SILID)

Orthographic character reportedly used for Enets. Past request from NEG. Confirmed for Enets and Khanti.

Date added: 08-MAR-2005

Deprecated usage as it was added to Unicode 5.0: U+0511.

U+F32C CYRILLIC CAPITAL LETTER SHHA WITH DESCENDER: ħ

(NRSI glyph name: CyCapShhaDesc; no Encore SILID)

Orthographic character used for Juhuri (jdt) and Tati (ttt).

Date added: 30-JAN-2008

Deprecated usage as it was added to Unicode 6.0: U+0526.

U+F32D CYRILLIC SMALL LETTER SHHA WITH DESCENDER: ħ

(NRSI glyph name: CySmShhaDesc; no Encore SILID)

Orthographic character used for Juhuri (jdt) and Tati (ttt).

Date added: 30-JAN-2008

Deprecated usage as it was added to Unicode 6.0: U+0527.

Appendix B: Deprecated characters

All characters listed in this section are deprecated (discouraged from being used). The Unicode code point should be used rather than the PUA code point. See "SIL PUA statement of policy" for further information.

Several characters assigned to our corporate area of the PUA have been added to Unicode. The following charts show which characters are affected.

PUA characters added to Unicode 4.0

PUA Character	Unicode code point
U+F177 COMBINING DOUBLE MACRON	035E
U+F180 MODIFIER LETTER SMALL M	1D50
U+F182 MODIFIER LETTER SMALL LETTER ENG	1D51
U+F183 MODIFIER LETTER SMALL A	1D43
U+F184 MODIFIER LETTER SMALL TURNED A	1D44
U+F185 MODIFIER LETTER SMALL LATIN ALPHA	1D45
U+F186 MODIFIER LETTER SMALL B	1D47
U+F187 MODIFIER LETTER SMALL D	1D48
U+F188 MODIFIER LETTER SMALL E	1D49
U+F189 MODIFIER LETTER SMALL SCHWA	1D4A
U+F18A MODIFIER LETTER SMALL OPEN E	1D4B
U+F18C MODIFIER LETTER SMALL G	1D4D
U+F18D MODIFIER LETTER SMALL K	1D4F
U+F18E MODIFIER LETTER SMALL O	1D52
U+F18F MODIFIER LETTER SMALL OPEN O	1D53
U+F190 MODIFIER LETTER SMALL P	1D56
U+F191 MODIFIER LETTER SMALL T	1D57
U+F192 MODIFIER LETTER SMALL U	1D58
U+F193 MODIFIER LETTER SMALL TURNED M	1D5A
U+F194 MODIFIER LETTER SMALL V	1D5B
U+F200 LATIN LETTER SMALL CAPITAL A	1D00
U+F201 LATIN SMALL LETTER D WITH CURL	0221
U+F202 LATIN LETTER SMALL CAPITAL E	1D07
U+F203 LATIN SMALL LETTER L WITH CURL	0234
U+F204 LATIN SMALL LETTER N WITH CURL	0235
U+F205 LATIN SMALL LETTER T WITH CURL	0236
U+F206 LATIN SMALL LETTER TURNED H WITH FISHHOOK	02AE
U+F207 LATIN SMALL LETTER TURNED H WITH FISHHOOK AND TAIL	02AF

PUA characters added to Unicode 4.1

PUA Character	Unicode code point
U+F170 COMBINING SNAKE BELOW	U+1DC2
U+F176 COMBINING DOUBLE BREVE BELOW	U+035C
U+F181 MODIFIER LETTER SMALL N WITH LEFT HOOK	U+1DAE
U+F18B MODIFIER LETTER SMALL REVERSED OPEN E	U+1D9F
U+F1A0 MODIFIER LETTER SMALL TURNED ALPHA	U+1D9B
U+F1A2 MODIFIER LETTER SMALL C WITH CURL	U+1D9D
U+F1A5 MODIFIER LETTER SMALL F	U+1DA0
U+F1A6 MODIFIER LETTER SMALL SCRIPT G	U+1DA2
U+F1A7 MODIFIER LETTER SMALL I WITH STROKE	U+1DA4
U+F1A8 MODIFIER LETTER SMALL CAPITAL I	U+1DA6
U+F1A9 MODIFIER LETTER SMALL DOTLESS J WITH STROKE	U+1DA1
U+F1AA MODIFIER LETTER SMALL L WITH RETROFLEX HOOK	U+1DA9
U+F1AC MODIFIER LETTER SMALL BARRED O	U+1DB1
U+F1AF MODIFIER LETTER SMALL ESH	U+1DB4
U+F1B0 MODIFIER LETTER SMALL U BAR	U+1DB6
U+F1B1 MODIFIER LETTER SMALL UPSILON	U+1DB7
U+F1B2 MODIFIER LETTER SMALL TURNED M WITH LONG LEG	U+1DAD
U+F1B3 MODIFIER LETTER SMALL TURNED V	U+1DBA
U+F1B6 MODIFIER LETTER SMALL Z	U+1DBB
U+F1B7 MODIFIER LETTER SMALL Z WITH CURL	U+1DBD
U+F1B8 MODIFIER LETTER SMALL EZH	U+1DBE
U+F1B9 MODIFIER LETTER SMALL C	U+1D9C
U+F1BA MODIFIER LETTER SMALL ETH	U+1D9E
U+F1BB MODIFIER LETTER SMALL TURNED H	U+1DA3
U+F1BD MODIFIER LETTER SMALL J WITH CROSSED-TAIL	U+1DA8
U+F1BE MODIFIER LETTER SMALL L WITH PALATAL HOOK	U+1DAA
U+F1BF MODIFIER LETTER SMALL CAPITAL L	U+1DAB
U+F1C0 MODIFIER LETTER SMALL M WITH HOOK	U+1DAC
U+F1C1 MODIFIER LETTER SMALL N WITH RETROFLEX HOOK	U+1DAF
U+F1C2 MODIFIER LETTER SMALL CAPITAL N	U+1DB0
U+F1C3 MODIFIER LETTER SMALL PHI	U+1DB2
U+F1C4 MODIFIER LETTER SMALL S WITH HOOK	U+1DB3
U+F1C5 MODIFIER LETTER SMALL T WITH PALATAL HOOK	U+1DB5
U+F1C6 MODIFIER LETTER SMALL V WITH HOOK	U+1DB9
U+F1C7 MODIFIER LETTER SMALL Z WITH RETROFLEX HOOK	U+1DBC
U+F1C9 MODIFIER LETTER SMALL THETA	U+1DBF
U+F1CA MODIFIER LETTER SMALL IOTA	U+1DA5
U+F1CB MODIFIER LETTER SMALL CAPITAL I WITH STROKE	U+1DA7
U+F1CC MODIFIER LETTER SMALL CAPITAL U	U+1DB8

PUA Character	Unicode code point
U+F1D0 MODIFIER LETTER EXTRA-HIGH LEFT-STEM TONE BAR	U+A712
U+F1D1 MODIFIER LETTER HIGH LEFT-STEM TONE BAR	U+A713
U+F1D2 MODIFIER LETTER MID LEFT-STEM TONE BAR	U+A714
U+F1D3 MODIFIER LETTER LOW LEFT-STEM TONE BAR	U+A715
U+F1D4 MODIFIER LETTER EXTRA-LOW LEFT-STEM TONE BAR	U+A716
U+F1D5 MODIFIER LETTER EXTRA-HIGH DOTTED TONE BAR	U+A708
U+F1D6 MODIFIER LETTER HIGH DOTTED TONE BAR	U+A709
U+F1D7 MODIFIER LETTER MID DOTTED TONE BAR	U+A70A
U+F1D8 MODIFIER LETTER LOW DOTTED TONE BAR	U+A70B
U+F1D9 MODIFIER LETTER EXTRA-LOW DOTTED TONE BAR	U+A70C
U+F1DA MODIFIER LETTER EXTRA-HIGH DOTTED LEFT-STEM TONE BAR	U+A70D
U+F1DB MODIFIER LETTER HIGH DOTTED LEFT-STEM TONE BAR	U+A70E
U+F1DC MODIFIER LETTER MID DOTTED LEFT-STEM TONE BAR	U+A70F
U+F1DD MODIFIER LETTER LOW DOTTED LEFT-STEM TONE BAR	U+A710
U+F1DE MODIFIER LETTER EXTRA-LOW DOTTED LEFT-STEM TONE BAR	U+A711
U+F1DF MODIFIER LETTER CHINESE TONE YIN PING	U+A700
U+F1E0 MODIFIER LETTER CHINESE TONE YIN SHANG	U+A702
U+F1E1 MODIFIER LETTER CHINESE TONE YIN QU	U+A704
U+F1E2 MODIFIER LETTER CHINESE TONE YIN RU	U+A706
U+F1E3 MODIFIER LETTER CHINESE TONE YANG PING	U+A701
U+F1E4 MODIFIER LETTER CHINESE TONE YANG SHANG	U+A703
U+F1E5 MODIFIER LETTER CHINESE TONE YANG QU	U+A705
U+F1E6 MODIFIER LETTER CHINESE TONE YANG RU	U+A707
U+F20B LATIN SMALL LETTER C WITH STROKE	U+023C
U+F20C LATIN SMALL LETTER D WITH HOOK AND TAIL	U+1D91
U+F210 LATIN SMALL LETTER P WITH STROKE	U+1D7D
U+F216 LATIN SMALL LETTER ESH WITH RETROFLEX HOOK	U+1D98
U+F21C LATIN SMALL LETTER EZH WITH RETROFLEX HOOK	U+1D9A
U+F21F LATIN CAPITAL LETTER L WITH BAR	U+023D
U+F224 LATIN SMALL LETTER B WITH PALATAL HOOK	U+1D80
U+F226 LATIN SMALL LETTER D WITH PALATAL HOOK	U+1D81
U+F227 LATIN SMALL LETTER F WITH PALATAL HOOK	U+1D82
U+F228 LATIN SMALL LETTER G WITH PALATAL HOOK	U+1D83
U+F229 LATIN SMALL LETTER K WITH PALATAL HOOK	U+1D84
U+F22A LATIN SMALL LETTER L WITH PALATAL HOOK	U+1D85
U+F22B LATIN SMALL LETTER M WITH PALATAL HOOK	U+1D86
U+F22C LATIN SMALL LETTER N WITH PALATAL HOOK	U+1D87
U+F22D LATIN SMALL LETTER P WITH PALATAL HOOK	U+1D88
U+F22E LATIN SMALL LETTER R WITH PALATAL HOOK	U+1D89
U+F22F LATIN SMALL LETTER S WITH PALATAL HOOK	U+1D8A
U+F230 LATIN SMALL LETTER ESH WITH PALATAL HOOK	U+1D8B

PUA Character	Unicode code point
U+F231 LATIN SMALL LETTER V WITH PALATAL HOOK	U+1D8C
U+F232 LATIN SMALL LETTER X WITH PALATAL HOOK	U+1D8D
U+F233 LATIN SMALL LETTER Z WITH PALATAL HOOK	U+1D8E
U+F236 LATIN SMALL LETTER A WITH RETROFLEX HOOK	U+1D8F
U+F237 LATIN SMALL LETTER ALPHA WITH RETROFLEX HOOK	U+1D90
U+F238 LATIN SMALL LETTER E WITH RETROFLEX HOOK	U+1D92
U+F239 LATIN SMALL LETTER OPEN E WITH RETROFLEX HOOK	U+1D93
U+F23A LATIN SMALL LETTER REVERSED OPEN E WITH RETROFLEX HOOK	U+1D94
U+F23B LATIN SMALL LETTER SCHWA WITH RETROFLEX HOOK	U+1D95
U+F23C LATIN SMALL LETTER I WITH RETROFLEX HOOK	U+1D96
U+F23D LATIN SMALL LETTER OPEN O WITH RETROFLEX HOOK	U+1D97
U+F23E LATIN SMALL LETTER U WITH RETROFLEX HOOK	U+1D99
U+F23F LATIN SMALL CAPITAL LETTER U WITH STROKE	U+1D7E
U+F240 LATIN SMALL LETTER DB DIGRAPH	U+0238
U+F241 LATIN SMALL LETTER QP DIGRAPH	U+0239
U+F249 LATIN SMALL LETTER B WITH MIDDLE TILDE	U+1D6C
U+F24A LATIN SMALL LETTER D WITH MIDDLE TILDE	U+1D6D
U+F24B LATIN SMALL LETTER F WITH MIDDLE TILDE	U+1D6E
U+F24C LATIN SMALL LETTER M WITH MIDDLE TILDE	U+1D6F
U+F24D LATIN SMALL LETTER N WITH MIDDLE TILDE	U+1D70
U+F24E LATIN SMALL LETTER P WITH MIDDLE TILDE	U+1D71
U+F24F LATIN SMALL LETTER R WITH MIDDLE TILDE	U+1D72
U+F250 LATIN SMALL LETTER R WITH FISHHOOK AND MIDDLE TILDE	U+1D73
U+F251 LATIN SMALL LETTER S WITH MIDDLE TILDE	U+1D74
U+F252 LATIN SMALL LETTER T WITH MIDDLE TILDE	U+1D75
U+F253 LATIN SMALL LETTER Z WITH MIDDLE TILDE	U+1D76
U+F254 LATIN SMALL CAPITAL LETTER I WITH STROKE	U+1D7B
U+F255 LATIN SMALL LETTER UPSILON WITH STROKE	U+1D7F
U+F256 LATIN SMALL LETTER S WITH SWASH TAIL	U+023F
U+F257 LATIN SMALL LETTER Z WITH SWASH TAIL	U+0240
U+F25D LATIN SMALL LETTER IOTA WITH STROKE	U+1D7C
U+F320 CYRILLIC CAPITAL LETTER GHE WITH DESCENDER	U+04F6
U+F321 CYRILLIC SMALL LETTER GHE WITH DESCENDER	U+04F7

PUA characters added to Unicode 5.0

PUA Character	Unicode code point
U+F21E LATIN SMALL LETTER GLOTTAL STOP	U+0242
U+F20A LATIN CAPITAL LETTER B WITH STROKE	U+0243
U+F218 LATIN CAPITAL LETTER U BAR	U+0244
U+F219 LATIN CAPITAL LETTER TURNED V	U+0245

PUA Character	Unicode code point
U+F221 LATIN CAPITAL LETTER E WITH STROKE	U+0246
U+F220 LATIN SMALL LETTER E WITH STROKE	U+0247
U+F261 LATIN CAPITAL LETTER J WITH STROKE	U+0248
U+F260 LATIN SMALL LETTER J WITH STROKE	U+0249
U+F212 LATIN CAPITAL LETTER SMALL Q WITH HOOK TAIL	U+024A
U+F211 LATIN SMALL LETTER Q WITH HOOK TAIL	U+024B
U+F214 LATIN CAPITAL LETTER R WITH STROKE	U+024C
U+F213 LATIN SMALL LETTER R WITH STROKE	U+024D
U+F244 LATIN CAPITAL LETTER Y WITH STROKE	U+024E
U+F243 LATIN SMALL LETTER Y WITH STROKE	U+024F
U+F324 CYRILLIC CAPITAL LETTER HA WITH HOOK	U+04FC
U+F325 CYRILLIC SMALL LETTER HA WITH HOOK	U+04FD
U+F328 CYRILLIC CAPITAL LETTER HA WITH STROKE	U+04FE
U+F329 CYRILLIC SMALL LETTER HA WITH STROKE	U+04FF
U+F32A CYRILLIC CAPITAL LETTER REVERSED ZE	U+0510
U+F32B CYRILLIC SMALL LETTER REVERSED ZE	U+0511
U+F322 CYRILLIC CAPITAL LETTER EL WITH HOOK	U+0512
U+F323 CYRILLIC SMALL LETTER EL WITH HOOK	U+0513
U+F171 COMBINING MACRON ACUTE	U+1DC4
U+F172 COMBINING GRAVE MACRON	U+1DC5
U+F173 COMBINING MACRON GRAVE	U+1DC6
U+F174 COMBINING ACUTE MACRON	U+1DC7
U+F175 COMBINING GRAVE ACUTE GRAVE	U+1DC8
U+F179 COMBINING ACUTE GRAVE ACUTE	U+1DC9
U+F178 COMBINING LATIN SMALL LETTER R BELOW	U+1DCA
U+F20F LATIN CAPITAL LETTER L WITH DOUBLE BAR	U+2C60
U+F20E LATIN SMALL LETTER L WITH DOUBLE BAR	U+2C61
U+F242 LATIN CAPITAL LETTER L WITH MIDDLE TILDE	U+2C62
U+F25C LATIN CAPITAL LETTER P WITH STROKE	U+2C63
U+F215 LATIN CAPITAL LETTER R WITH TAIL	U+2C64
U+F223 LATIN CAPITAL LETTER H WITH DESCENDER	U+2C67
U+F222 LATIN SMALL LETTER H WITH DESCENDER	U+2C68
U+F263 LATIN CAPITAL LETTER K WITH DESCENDER	U+2C69
U+F262 LATIN SMALL LETTER K WITH DESCENDER	U+2C6A
U+F265 LATIN CAPITAL LETTER Z WITH DESCENDER	U+2C6B
U+F264 LATIN SMALL LETTER Z WITH DESCENDER	U+2C6C
U+F25E LATIN SMALL LETTER V WITH CURL	U+2C74
U+F198 MODIFIER LETTER DOT VERTICAL BAR	U+A717
U+F199 MODIFIER LETTER DOT SLASH	U+A718
U+F19A MODIFIER LETTER DOT HORIZONTAL BAR	U+A719
U+F19B MODIFIER LETTER LOWER RIGHT CORNER ANGLE	U+A71A

PUA characters added to Unicode 5.1

PUA Character	Unicode code point
F19C MODIFIER LETTER RAISED UP ARROW	U+A71B
F19D MODIFIER LETTER RAISED DOWN ARROW	U+A71C
F19E MODIFIER LETTER AFRICANIST DOWNSTEP	U+A71D
F19F MODIFIER LETTER AFRICANIST UPSTEP	U+A71E
F1E7 MODIFIER LETTER LOW CIRCUMFLEX ACCENT	U+A788
F1E9 MODIFIER LETTER COLON	U+A789
F1EA MODIFIER LETTER SHORT EQUALS SIGN	U+A78A
F208 LATIN CAPITAL LETTER SMALL ALPHA	U+2C6D
F21A LATIN SMALL LETTER W WITH HOOK	U+2C73
F21B LATIN CAPITAL LETTER W WITH HOOK	U+2C72
F21D LATIN SMALL LETTER SALTILLO	U+A78C
F245 LATIN SMALL LETTER TRESILLO	U+A72B
F246 LATIN SMALL LETTER CUATRILLO	U+A72D
F25A LATIN SMALL LETTER HENG	U+A727
F25B LATIN CAPITAL LETTER M WITH HOOK	U+2C6E
F25F LATIN SMALL LETTER V WITH RIGHT HOOK	U+2C71
F26A LATIN CAPITAL LETTER SALTILLO	U+A78B

PUA characters added to Unicode 5.2

PUA Character	Unicode code point
F17B COMBINING ALMOST EQUAL TO BELOW	U+1DFD
F209 LATIN CAPITAL LETTER SMALL TURNED ALPHA	U+2C70

PUA characters added to Unicode 6.0

PUA Character	Unicode code point
F266 LATIN SMALL LETTER L WITH RETROFLEX HOOK AND BELT	U+A78E
F26B LATIN CAPITAL LETTER TURNED H	U+A78D
F32C CYRILLIC CAPITAL LETTER SHHA WITH DESCENDER	U+0526
F32D CYRILLIC SMALL LETTER SHHA WITH DESCENDER	U+0527

PUA characters added to Unicode 6.1

PUA Character	Unicode code point
F1AD MODIFIER LETTER SMALL LIGATURE OE	U+A7F9

PUA characters added to Unicode 7.0

PUA Character	Unicode code point
F225 LATIN SMALL LETTER C WITH PALATAL HOOK	U+A794

PUA characters added to Unicode 8.0

PUA Character	Unicode code point
F26C LATIN CAPITAL LETTER J WITH CROSSED-TAIL	U+A7B2

PUA characters added to Unicode 9.0

PUA Character	Unicode code point
None	

Hebrew PUA characters

The 4 characters which were added for Hebrew are being deprecated.

PUA Character	Unicode sequences	Unicode code points
U+F300 HEBREW PUNCTUATION NUN HAFUKHA = *HEBREW REVERSED NUN*		U+05C6
U+F301 HEBREW MARK LOWER DOT		U+05C5
U+F302 HEBREW ACCENT RIGHT METEG	meteg+CGJ+vowel	U+05BD + U+034F + vowel
U+F303 HEBREW ACCENT LEFT METEG	non-hataf vowel+meteg or hataf vowel+ZWNJ+meteg	non-hataf vowel + U+05BD or hataf vowel + U+200C + U+05BD

Other deprecated characters

Some characters assigned to our corporate area of the PUA have been deprecated because it was found that they were glyph variants of characters already in Unicode. The following characters are affected:

PUA Character	Unicode code point
U+F134 OPENING LOW RIGHT-ANGLE TEXT BRACKET	U+230A
U+F135 CLOSING LOW RIGHT-ANGLE TEXT BRACKET	U+230B
U+F17A COMBINING DOUBLE DIAERESIS	U+0308
U+F195 MODIFIER LETTER GRAVE ACCENT	U+02CB
U+F196 MODIFIER LETTER VERTICAL LINE	U+02C8
U+F197 MODIFIER LETTER ACUTE ACCENT	U+02CA
U+F1C8 MODIFIER LETTER SMALL GLOTTAL STOP	U+02C0
U+F1E8 MODIFIER LETTER LOW CARON	U+02EC
U+F217 LATIN CAPITAL LETTER ESH REVERSED	U+01B7
U+F247 LATIN SMALL LETTER AT	U+24D0
U+F248 LATIN CAPITAL LETTER AT	U+24B6

Appendix C: Characters considered but not accepted for the PUA

A small number of characters have been considered in the past for addition to the corporate PUA, but have either been rejected or are still pending, awaiting evidence of actual usage.

LATIN SMALL LETTER X WITH HOOK: X

(NRSI glyph name: LtnSmXHooktop; no Encore SILID)

This character was in the German SIL teaching materials. The example (from the Hamer-Banna language of Ethiopia) was found to be inaccurate and it is no longer being used.

PUA assignment: none at this time

LATIN CAPITAL LETTER H WITH HOOK: H

(NRSI glyph name: LtnCapHHooktop; Encore SILID 2410)

Found in entity fonts for NRG, TBB, CDB. Usage was initially not confirmed. (Have confirmed that TBB has this in their font but that it has *not* been used to date.) Hartell (1993) cites usage of small letter h with hook for the Dagara language (Burkina Faso), but June Mathias has recently confirmed that it is not currently in use there for Dagara or any other language. Usage for one language in Chad has been determined and a Unicode proposal was submitted and accepted.

PUA assignment: none at this time

Added to Unicode 6.1: U+A7AA.

LATIN SMALL LETTER TURNED CLOSED OMEGA: ℧

(NRSI glyph name: LtnSmTrndClosedOmega; Encore SILID 1339)

Found in IVB entity fonts. Confirmed request from IVB, though it is not clear how it is used. Further information required.

PUA assignment: none at this time

LATIN SMALL LETTER Z WITH RIGHT HOOK: Ƶ

(NRSI glyph name: LtnSmZRtHook; Encore SILID 1434)

Found in font produced by NIB for use with government projects. NIB has not been able to confirm usage.

PUA assignment: none at this time

LATIN CAPITAL LETTER Z WITH RIGHT HOOK: Ƶ

(NRSI glyph name: LtnCapZRtHook; Encore SILID 2434)

Found in font produced by NIB for use with government projects. NIB has not been able to confirm usage.

PUA assignment: none at this time

LATIN CAPITAL LETTER REVERSED OPEN E: Ɜ

(NRSI glyph name: not yet created; no Encore SILID)

Orthographic character reportedly used for Karelian. Past request from NEG.

This character appears to be corroborated at http://www.pmicro.kz/~library/unicode/karelian-l.html, but other sources suggest that it is really just U+01B7 "Ʒ". Need to confirm usage.

Character properties: Lowercase Map = U+0256

PUA assignment: none at this time

MODIFIER LETTER DOT: ꞏ

Americanist phonetic symbol for length (shorter than ":"). Requested by MXB. Recommended that this be represented by U+00B7 MIDDLE DOT or U+02D1 MODIFIER LETTER HALF TRIANGULAR COLON.

PUA assignment: rejected for encoding

LATIN CAPITAL LETTER INVERTED R: ꓤ

(NRSI glyph name: LtnCapInvR; Encore SILID 2122)

Found in BFB entity font. BFB reported that this was used for French, but it was later determined that they had simply used the wrong glyph from the Encore inventory when creating their fonts. No known usage at this time.

PUA assignment: rejected for encoding

LATIN SMALL LETTER TURNED Y WITH HOOK: ʎ

(NRSI glyph name: LtnSmTurnedYHook; no Encore SILID)

Phonetic symbol for palatal lateral flap. Requested by Kirk Miller.

PUA assignment: rejected for encoding

LATIN LETTER SMALL CAPITAL L WITH HOOK: ℒ

(NRSI glyph name: LtnSmCapLHook; no Encore SILID)

Phonetic symbol for velar lateral flap. Requested by Kirk Miller.

PUA assignment: rejected for encoding