

## **Irish comments on ISO/IEC FCD 10646:2003**

**Reference: SC2 N4125**

**Closes: 2010-04-15**

**Date: 2010-04-11**

Ireland **disapproves** the draft with the editorial comments given below. Acceptance of these comments and appropriate changes to the text will change our vote to approval.

Our comments involve requests to replace some of the chart fonts. either because the fonts presently used are of substandard design quality (such as the Malayalam) or in order to restore a uniformity of design to Latin and common punctuation and similar characters. Over the years glyphs have been taken from several different sources, chiefly from John Fiscella, from SIL, and from Michael Everson, and this has brought about a distinct difference in the shapes of many characters. We propose to replace existing chart fonts with those given below. Note that a similar replacement for Greek and Cyrillic fonts has already been completed. Sets like General punctuation have been included here because Supplementary Punctuation uses slightly different glyphs. In general we believe that the glyphs we have proposed below should be generally acceptable, though we are willing to make modifications based on SC2 and UTC recommendations to any particular glyphs which prove problematic.

- E1. **Page 62, Row 008: C1 Controls and Latin-1 Supplement.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E2. **Page 67, Row 010: Latin Extended-A.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E3. **Page 72, Row 018: Latin Extended-B.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E4. **Page 78, Row 025: IPA Extensions.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E5. **Page 82, Row 02B: Spacing Modifier Letters.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E6. **Page 86, Row 030: Combining Diacritical Marks.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E7. **Page 335, Row 037: Greek and Coptic.** Ireland recommends that the updated Keft from from the International Association for Coptic Studies be used for the Coptic glyphs in this block (03E2..03EF).
- E8. **Page 146, Row 0D0: Malayalam.** Ireland recommends that the rather inconsistent font used for Malayalam be replaced with the one given in the table shown below.
- E9. **Page 155, Row 0E8: Lao.** Ireland recommends that the rather inconsistent font used for Lao be replaced with the one given in the table shown below.
- E10. **Page 237, Row 1E0: Latin Extended Additional.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.

- E11. **Page 251, Row 200: General Punctuation.** Ireland recommends that a uniform Times-like font be used for the glyphs in this block.
- E12. **Page 335, Row 2C8: Coptic.** Ireland recommends that the updated Keft from from the International Association for Coptic Studies be used for the glyphs in this block.
- E13. **Page 1226, Row FB0: Alphabetic Presentation Forms.** Ireland recommends that a uniform Times-like font be used for the seven Latin glyphs in this block.

	000	001	002	003	004	005	006	007
0	NUL 0000	DLE 0010	SP 0020	0 0030	@ 0040	P 0050	` 0060	p 0070
1	SOH 0001	DC1 0011	! 0021	1 0031	A 0041	Q 0051	a 0061	q 0071
2	STX 0002	DC2 0012	" 0022	2 0032	B 0042	R 0052	b 0062	r 0072
3	ETX 0003	DC3 0013	# 0023	3 0033	C 0043	S 0053	c 0063	s 0073
4	EOT 0004	DC4 0014	\$ 0024	4 0034	D 0044	T 0054	d 0064	t 0074
5	ENQ 0005	NAK 0015	% 0025	5 0035	E 0045	U 0055	e 0065	u 0075
6	ACK 0006	SYN 0016	& 0026	6 0036	F 0046	V 0056	f 0066	v 0076
7	BEL 0007	ETB 0017	' 0027	7 0037	G 0047	W 0057	g 0067	w 0077
8	BS 0008	CAN 0018	( 0028	8 0038	H 0048	X 0058	h 0068	x 0078
9	HT 0009	EM 0019	) 0029	9 0039	I 0049	Y 0059	i 0069	y 0079
A	LF 000A	SUB 001A	* 002A	: 003A	J 004A	Z 005A	j 006A	z 007A
B	VT 000B	ESC 001B	+ 002B	; 003B	K 004B	[ 005B	k 006B	{ 007B
C	FF 000C	FS 001C	, 002C	< 003C	L 004C	\ 005C	l 006C	 007C
D	CR 000D	GS 001D	- 002D	= 003D	M 004D	] 005D	m 006D	} 007D
E	SO 000E	RS 001E	. 002E	> 003E	N 004E	^ 005E	n 006E	~ 007E
F	SI 000F	US 001F	/ 002F	? 003F	O 004F	_ 005F	o 006F	DEL 007F

	008	009	00A	00B	00C	00D	00E	00F
0	XXX: 0080	DCS 0090	NB SP 00A0	◊ 00B0	À 00C0	Ð 00D0	à 00E0	ð 00F0
1	XXX: 0081	PU1 0091	ı 00A1	± 00B1	Á 00C1	Ñ 00D1	á 00E1	ñ 00F1
2	BPH: 0082	PU2 0092	ç 00A2	² 00B2	Â 00C2	Ò 00D2	â 00E2	ò 00F2
3	NBH: 0083	STS 0093	£ 00A3	³ 00B3	Ã 00C3	Ó 00D3	ã 00E3	ó 00F3
4	IND: 0084	CCH 0094	⌘ 00A4	´ 00B4	Ä 00C4	Ô 00D4	ä 00E4	ô 00F4
5	NEL: 0085	MW 0095	¥ 00A5	μ 00B5	Å 00C5	Õ 00D5	å 00E5	õ 00F5
6	SSA: 0086	SPA 0096	¦ 00A6	¶ 00B6	Æ 00C6	Ö 00D6	æ 00E6	ö 00F6
7	ESA: 0087	EPA 0097	§ 00A7	· 00B7	Ç 00C7	× 00D7	ç 00E7	÷ 00F7
8	HTS: 0088	SOS 0098	¨ 00A8	‚ 00B8	È 00C8	Ø 00D8	è 00E8	ø 00F8
9	HTJ: 0089	XXX: 0099	© 00A9	¹ 00B9	É 00C9	Ù 00D9	é 00E9	ù 00F9
A	VTS: 008A	SCI 009A	à 00AA	º 00BA	Ê 00CA	Ú 00DA	ê 00EA	ú 00FA
B	PLD: 008B	CSI 009B	« 00AB	» 00BB	Ë 00CB	Û 00DB	ë 00EB	û 00FB
C	PLU: 008C	ST 009C	¬ 00AC	¼ 00BC	Ì 00CC	Ü 00DC	ì 00EC	ü 00FC
D	RI 008D	OSC 009D	SHY 00AD	½ 00BD	Í 00CD	Ý 00DD	í 00ED	ý 00FD
E	SS2: 008E	PM 009E	® 00AE	¾ 00BE	Î 00CE	Þ 00DE	î 00EE	þ 00FE
F	SS3: 008F	APC 009F	– 00AF	¿ 00BF	Ï 00CF	ß 00DF	ï 00EF	ÿ 00FF

	010	011	012	013	014	015	016	017
0	Ā 0100	Đ 0110	Ġ 0120	İ 0130	ı̇ 0140	Ó 0150	Š 0160	Ú 0170
1	ā 0101	đ 0111	ġ 0121	ı̇ 0131	ł 0141	ó 0151	š 0161	ú 0171
2	Ǻ 0102	Ē 0112	Ĝ 0122	IJ 0132	ł̇ 0142	Œ 0152	Ŧ 0162	Ū 0172
3	ǻ 0103	ē 0113	ĝ 0123	ij 0133	ń 0143	œ 0153	ț 0163	ұ 0173
4	Ą 0104	Ĕ 0114	Ĥ 0124	Ĵ 0134	ń 0144	Ŕ 0154	Ţ 0164	Ŵ 0174
5	ą 0105	ĕ 0115	ĥ 0125	ĵ 0135	ŕ 0145	ŕ 0155	ţ 0165	ŵ 0175
6	Ć 0106	Ė 0116	Ħ 0126	Ɔ 0136	ŕ 0146	Ŗ 0156	Ʀ 0166	Ŷ 0176
7	ć 0107	ė 0117	ħ 0127	Ɔ 0137	ŕ 0147	ŗ 0157	ƣ 0167	ŷ 0177
8	Ĉ 0108	Ę 0118	Ĩ 0128	Ɔ 0138	ň 0148	Ř 0158	Ū 0168	ÿ 0178
9	ĉ 0109	ę 0119	ĩ 0129	ł̇ 0139	ň 0149	ř 0159	ũ 0169	ź 0179
A	Ċ 010A	Ě 011A	Ī 012A	Í 013A	Ń 014A	Ś 015A	Ū 016A	ź 017A
B	ċ 010B	ě 011B	ī 012B	ł̇ 013B	ŋ 014B	ś 015B	ū 016B	ż 017B
C	Č 010C	Ĝ 011C	Ĭ 012C	ł̇ 013C	Ō 014C	Ŝ 015C	Ŭ 016C	ž 017C
D	č 010D	ĝ 011D	ĭ 012D	ł̇ 013D	ō 014D	ŝ 015D	ŭ 016D	ž 017D
E	Ď 010E	Ĝ 011E	Į 012E	ł̇ 013E	Ŏ 014E	Ş 015E	Ű 016E	ž 017E
F	ď 010F	ġ 011F	į 012F	ł̇ 013F	ő 014F	ş 015F	ű 016F	ƒ 017F

	018	019	01A	01B	01C	01D	01E	01F	020	021	022	023	024
0	ḃ 0180	ε 0190	Ó 01A0	ǔ 01B0	ǀ 01C0	ǎ 01D0	Ā 01E0	ǰ 01F0	À 0200	Ò 0210	η 0220	Ō 0230	Ʒ 0240
1	Ḃ 0181	ƒ 0191	σ 01A1	Ɔ 01B1	ǁ 01C1	Ǒ 01D1	ā 01E1	DZ 01F1	à 0201	ò 0211	ɖ 0221	ō 0231	Ʒ 0241
2	Ḅ 0182	f 0192	Ϡ 01A2	Ʈ 01B2	‡ 01C2	ǒ 01D2	Ē 01E2	Dz 01F2	Â 0202	Ô 0212	8 0222	Ȳ 0232	Ʒ 0242
3	ḅ 0183	Ɠ 0193	ϡ 01A3	Ƴ 01B3	! 01C3	Ǔ 01D3	æ 01E3	dz 01F3	â 0203	ô 0213	8 0223	ȳ 0233	Ḃ 0243
4	Ḇ 0184	Ƴ 0194	Ʋ 01A4	Ʒ 01B4	DŽ 01C4	ǔ 01D4	Ɠ 01E4	Ĝ 01F4	È 0204	Û 0214	Ʒ 0224	ł 0234	Ɔ 0244
5	ḇ 0185	ħ 0195	Ƴ 01A5	Ʒ 01B5	Dž 01C5	Ū 01D5	Ɠ 01E5	ĝ 01F5	è 0205	ù 0215	Ʒ 0225	ŋ 0235	Λ 0245
6	Ḉ 0186	ł 0196	Ŕ 01A6	Ʒ 01B6	dž 01C6	Ǖ 01D6	Ǧ 01E6	HU 01F6	Ê 0206	Û 0216	À 0226	ł 0236	Ɔ 0246
7	Ḋ 0187	Ɔ 0197	Ʒ 01A7	Ʒ 01B7	LJ 01C7	ǖ 01D7	ǧ 01E7	Ƴ 01F7	ê 0207	û 0217	à 0227	Ʒ 0237	Ɔ 0247
8	ḋ 0188	Ɔ 0198	Ʒ 01A8	Ʒ 01B8	Lj 01C8	Ǘ 01D8	Ǧ 01E8	Ɔ 01F8	Ë 0208	Û 0218	À 0228	Ʒ 0238	Ɔ 0248
9	Ḍ 0189	Ɔ 0199	Ʒ 01A9	Ʒ 01B9	lj 01C9	Ǚ 01D9	ǧ 01E9	Ɔ 01F9	ì 0209	ş 0219	ę 0229	Ʒ 0239	Ɔ 0249
A	Ḏ 018A	ł 019A	ł 01AA	Ʒ 01BA	NJ 01CA	ǘ 01DA	Ǧ 01EA	Á 01FA	Î 020A	Ɔ 021A	Ō 022A	Ɔ 023A	Ɔ 024A
B	Ḑ 018B	λ 019B	ł 01AB	Ʒ 01BB	Nj 01CB	ǚ 01DB	Ɔ 01EB	á 01FB	î 020B	ł 021B	ō 022B	Ɔ 023B	Ɔ 024B
C	ḑ 018C	Ɔ 019C	Ɔ 01AC	Ɔ 01BC	nj 01CC	Ǚ 01DC	Ǧ 01EC	É 01FC	Ò 020C	Ɔ 021C	Ō 022C	Ɔ 023C	Ɔ 024C
D	Ḓ 018D	Ɔ 019D	Ɔ 01AD	Ɔ 01BD	Ǟ 01CD	ə 01DD	Ǧ 01ED	æ 01FD	ò 020D	Ɔ 021D	ō 022D	Ɔ 023D	Ɔ 024D
E	Ḕ 018E	η 019E	Ɔ 01AE	ł 01BE	ǟ 01CE	Ǟ 01DE	ǧ 01EE	Ø 01FE	Ô 020E	Ĥ 021E	Ò 022E	Ɔ 023E	Ɔ 024E
F	ḕ 018F	Θ 019F	Ɔ 01AF	Ɔ 01BF	Ǟ 01CF	ǟ 01DF	ǧ 01EF	ø 01FF	ô 020F	ħ 021F	ò 022F	Ɔ 023F	Ɔ 024F

	025	026	027	028	029	02A
0	ɐ 0250	ɟ 0260	ɥ 0270	ʀ 0280	ʐ 0290	ɸ 02A0
1	ɑ 0251	ɠ 0261	ɱ 0271	ʁ 0281	ʑ 0291	ʦ 02A1
2	ɒ 0252	ɢ 0262	ɲ 0272	ʂ 0282	ʓ 0292	ʦ̥ 02A2
3	ɓ 0253	ɣ 0263	ɳ 0273	ʃ 0283	ʔ 0293	ɸ̥ 02A3
4	ɔ 0254	ɶ 0264	ɴ 0274	ʄ 0284	ʕ 0294	ɸ̥̥ 02A4
5	ɕ 0255	ɸ 0265	ɵ 0275	ɺ 0285	ɻ 0295	ɸ̥̥̥ 02A5
6	ɸ 0256	ɦ 0266	ɷ 0276	ʅ 0286	ɶ 0296	ʈ 02A6
7	ɸ̥ 0257	ɦ̥ 0267	ɷ̥ 0277	ɺ̥ 0287	ɻ̥ 0297	ɸ̥̥̥̥ 02A7
8	ɸ̥̥ 0258	ɦ̥̥ 0268	ɷ̥̥ 0278	ɺ̥̥ 0288	ɻ̥̥ 0298	ʈ̥ 02A8
9	ɸ̥̥̥ 0259	ɦ̥̥̥ 0269	ɷ̥̥̥ 0279	ɺ̥̥̥ 0289	ɻ̥̥̥ 0299	ʈ̥̥ 02A9
A	ɸ̥̥̥̥ 025A	ɦ̥̥̥̥ 026A	ɷ̥̥̥̥ 027A	ɺ̥̥̥̥ 028A	ɻ̥̥̥̥ 029A	ʈ̥̥̥ 02AA
B	ɸ̥̥̥̥̥ 025B	ɦ̥̥̥̥̥ 026B	ɷ̥̥̥̥̥ 027B	ɺ̥̥̥̥̥ 028B	ɻ̥̥̥̥̥ 029B	ʈ̥̥̥̥ 02AB
C	ɸ̥̥̥̥̥̥ 025C	ɦ̥̥̥̥̥̥ 026C	ɷ̥̥̥̥̥̥ 027C	ɺ̥̥̥̥̥̥ 028C	ɻ̥̥̥̥̥̥ 029C	ʈ̥̥̥̥̥ 02AC
D	ɸ̥̥̥̥̥̥̥ 025D	ɦ̥̥̥̥̥̥̥ 026D	ɷ̥̥̥̥̥̥̥ 027D	ɺ̥̥̥̥̥̥̥ 028D	ɻ̥̥̥̥̥̥̥ 029D	ʈ̥̥̥̥̥̥ 02AD
E	ɸ̥̥̥̥̥̥̥̥ 025E	ɦ̥̥̥̥̥̥̥̥ 026E	ɷ̥̥̥̥̥̥̥̥ 027E	ɺ̥̥̥̥̥̥̥̥ 028E	ɻ̥̥̥̥̥̥̥̥ 029E	ʈ̥̥̥̥̥̥̥ 02AE
F	ɸ̥̥̥̥̥̥̥̥̥ 025F	ɦ̥̥̥̥̥̥̥̥̥ 026F	ɷ̥̥̥̥̥̥̥̥̥ 027F	ɺ̥̥̥̥̥̥̥̥̥ 028F	ɻ̥̥̥̥̥̥̥̥̥ 029F	ʈ̥̥̥̥̥̥̥̥ 02AF

	02B	02C	02D	02E	02F
0	h 02B0	ʔ 02C0	˘ 02D0	ʏ 02E0	ˆ 02F0
1	ĥ 02B1	ʕ 02C1	˙ 02D1	ɀ 02E1	˂ 02F1
2	ĵ 02B2	˃ 02C2	ˆ 02D2	Ɂ 02E2	˄ 02F2
3	ɀ 02B3	˄ 02C3	ˆ 02D3	ɂ 02E3	ˆ 02F3
4	Ɂ 02B4	ˆ 02C4	ˆ 02D4	Ƀ 02E4	ˆ 02F4
5	ɂ 02B5	ˆ 02C5	ˆ 02D5	Ʉ 02E5	ˆ 02F5
6	Ƀ 02B6	ˆ 02C6	ˆ 02D6	Ʌ 02E6	ˆ 02F6
7	Ʉ 02B7	ˆ 02C7	ˆ 02D7	Ɇ 02E7	ˆ 02F7
8	Ʌ 02B8	ˆ 02C8	ˆ 02D8	ɇ 02E8	ˆ 02F8
9	Ɇ 02B9	ˆ 02C9	ˆ 02D9	Ɉ 02E9	ˆ 02F9
A	ɇ 02BA	ˆ 02CA	ˆ 02DA	ɉ 02EA	ˆ 02FA
B	Ɉ 02BB	ˆ 02CB	ˆ 02DB	Ɋ 02EB	ˆ 02FB
C	ɉ 02BC	ˆ 02CC	ˆ 02DC	ɋ 02EC	ˆ 02FC
D	Ɋ 02BD	ˆ 02CD	ˆ 02DD	Ɍ 02ED	ˆ 02FD
E	ɋ 02BE	ˆ 02CE	ˆ 02DE	ɍ 02EE	ˆ 02FE
F	Ɍ 02BF	ˆ 02CF	ˆ 02DF	Ɏ 02EF	ˆ 02FF






















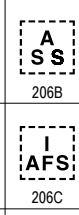


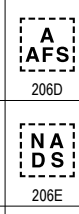



















	030	031	032	033	034	035	036
0	0300	0310	0320	0330	0340	0350	0360
1	0301	0311	0321	0331	0341	0351	0361
2	0302	0312	0322	0332	0342	0352	0362
3	0303	0313	0323	0333	0343	0353	0363
4	0304	0314	0324	0334	0344	0354	0364
5	0305	0315	0325	0335	0345	0355	0365
6	0306	0316	0326	0336	0346	0356	0366
7	0307	0317	0327	0337	0347	0357	0367
8	0308	0318	0328	0338	0348	0358	0368
9	0309	0319	0329	0339	0349	0359	0369
A	030A	031A	032A	033A	034A	035A	036A
B	030B	031B	032B	033B	034B	035B	036B
C	030C	031C	032C	033C	034C	035C	036C
D	030D	031D	032D	033D	034D	035D	036D
E	030E	031E	032E	033E	034E	035E	036E
F	030F	031F	032F	033F	034F	035F	036F

	037	038	039	03A	03B	03C	03D	03E	03F
0	Ɔ 0370		í 0390	Π 03A0	Û 03B0	π 03C0	ϐ 03D0	Ǝ 03E0	κ 03F0
1	Ɔ 0371		Α 0391	Ρ 03A1	α 03B1	ρ 03C1	ϑ 03D1	Ǝ 03E1	ϙ 03F1
2	Τ 0372		Β 0392		β 03B2	ς 03C2	Υ 03D2	Ω 03E2	Ϙ 03F2
3	Τ 0373		Γ 0393	Σ 03A3	γ 03B3	σ 03C3	Υ 03D3	ω 03E3	ι 03F3
4	´ 0374	´ 0384	Δ 0394	Τ 03A4	δ 03B4	τ 03C4	ÿ 03D4	ϕ 03E4	Θ 03F4
5	´ 0375	´ 0385	Ε 0395	Υ 03A5	ε 03B5	υ 03C5	φ 03D5	ϕ 03E5	€ 03F5
6	И 0376	Α 0386	Ζ 0396	Φ 03A6	ζ 03B6	φ 03C6	ϖ 03D6	ϑ 03E6	ε 03F6
7	κ 0377	· 0387	Η 0397	Χ 03A7	η 03B7	χ 03C7	ϗ 03D7	ϑ 03E7	ϐ 03F7
8		Έ 0388	Θ 0398	Ψ 03A8	θ 03B8	ψ 03C8	ϙ 03D8	ϑ 03E8	ϑ 03F8
9		Ή 0389	Ι 0399	Ω 03A9	ι 03B9	ω 03C9	ϙ 03D9	ϑ 03E9	Ϙ 03F9
A	´ 037A	Ί 038A	Κ 039A	Ϊ 03AA	κ 03BA	ϊ 03CA	Ϙ 03DA	ϑ 03EA	Μ 03FA
B	Ϙ 037B		Λ 039B	ÿ 03AB	λ 03BB	ÿ 03CB	ς 03DB	ϑ 03EB	ϑ 03FB
C	Ϙ 037C	Ό 038C	Μ 039C	ά 03AC	μ 03BC	ό 03CC	ϑ 03DC	ϑ 03EC	ϑ 03FC
D	ϑ 037D		Ν 039D	έ 03AD	ν 03BD	ύ 03CD	ϑ 03DD	ϑ 03ED	ϑ 03FD
E	; 037E	Υ 038E	Ξ 039E	ή 03AE	ξ 03BE	ώ 03CE	ϑ 03DE	ϑ 03EE	ϑ 03FE
F		Ό 038F	Ο 039F	ί 03AF	ο 03BF	ϑ 03CF	ϑ 03DF	ϑ 03EF	ϑ 03FF

	0D0	0D1	0D2	0D3	0D4	0D5	0D6	0D7
0		ഐ 0D10	ഠ 0D20	ര 0D30	ീ 0D40		ഋ 0D60	൧ 0D70
1			ഡ 0D21	റ 0D31	ു 0D41		ൺ 0D61	൩ 0D71
2	ഠ 0D02	ഒ 0D12	ഡ 0D22	ല 0D32	ു 0D42		ൺ 0D62	൩ 0D72
3	ഃ 0D03	ഓ 0D13	ണ 0D23	ള 0D33	്യ 0D43		ൺ 0D63	൪ 0D73
4		ഔ 0D14	ത 0D24	ഴ 0D34	ൃ 0D44			ൺ 0D74
5	അ 0D05	ക 0D15	ഥ 0D25	വ 0D35				ൺ 0D75
6	ആ 0D06	ഖ 0D16	ഭ 0D26	ശ 0D36	ഛ 0D46		ഠ 0D66	
7	ഇ 0D07	ഗ 0D17	ധ 0D27	ഷ 0D37	േ 0D47	ൗ 0D57	ഠ 0D67	
8	ഈ 0D08	ഘ 0D18	ന 0D28	സ 0D38	ഘ 0D48		ഠ 0D68	
9	ഉ 0D09	ങ 0D19	ണ 0D29	ഹ 0D39			ഠ 0D69	൪ 0D79
A	ഊ 0D0A	ച 0D1A	പ 0D2A	ഠ 0D3A	ഘ 0D4A		ഠ 0D6A	൪ 0D7A
B	ഋ 0D0B	ഘ 0D1B	ഫ 0D2B		ഘ 0D4B		ഠ 0D6B	൪ 0D7B
C	ൺ 0D0C	ജ 0D1C	ബ 0D2C		ൗ 0D4C		൩ 0D6C	൪ 0D7C
D		ഡ 0D1D	ഭ 0D2D	ഠ 0D3D	ഠ 0D4D		൪ 0D6D	൪ 0D7D
E	എ 0D0E	ണ 0D1E	മ 0D2E	ഠ 0D3E	ഠ 0D4E		൪ 0D6E	൪ 0D7E
F	ഏ 0D0F	ഠ 0D1F	യ 0D2F	ീ 0D3F			൪ 0D6F	൪ 0D7F

	0E8	0E9	0EA	0EB	0EC	0ED	0EE	0EF
0				ຂ 0EB0	ໄ 0EC0	ອ 0ED0		
1	ກ 0E81		ມ 0EA1	ູ 0EB1	ແ 0EC1	ອ 0ED1		
2	ຂ 0E82		ຢ 0EA2	າ 0EB2	ໄ 0EC2	ຸ 0ED2		
3			ຮ 0EA3	ຳ 0EB3	ໃ 0EC3	ຊ 0ED3		
4	ຄ 0E84	ດ 0E94		ົ 0EB4	ໄ 0EC4	ຸ 0ED4		
5		ຕ 0E95	ລ 0EA5	ູ 0EB5		ຸ 0ED5		
6		ຖ 0E96		ື 0EB6	ງ 0EC6	ຜ 0ED6		
7	ງ 0E87	ທ 0E97	ວ 0EA7	ື 0EB7		ກ 0ED7		
8	ຈ 0E88			ູ 0EB8	ົ 0EC8	ຸ 0ED8		
9		ນ 0E99		ູ 0EB9	ົ 0EC9	ລ 0ED9		
A	ຊ 0E8A	ບ 0E9A	ສ 0EA A		ົ 0ECA			
B		ປ 0E9B	ຫ 0EAB	ົ 0EBB	ົ 0ECB			
C		ຜ 0E9C		ູ 0EBC	ົ 0ECC	ໝ 0EDC		
D	ຍ 0E8D	ຝ 0E9D	ອ 0EAD	ູ 0EBD	ົ 0ECD	ໝ 0EDD		
E		ພ 0E9E	ຮ 0EAE					
F		ຟ 0E9F	ຯ 0EAF					

	1E0	1E1	1E2	1E3	1E4	1E5	1E6	1E7	1E8	1E9	1EA	1EB	1EC	1ED	1EE	1EF
0	À 1E00	Ā 1E10	Ġ 1E20	Ķ 1E30	Ĭ 1E40	Ò 1E50	Ś 1E60	Ṭ 1E70	Ẁ 1E80	Ẃ 1E90	Ą 1EA0	Ǻ 1EB0	È 1EC0	Ó 1ED0	Õ 1EE0	Ư 1EF0
1	à 1E01	ā 1E11	ġ 1E21	ķ 1E31	ĭ 1E41	ò 1E51	ś 1E61	ṭ 1E71	ẁ 1E81	ẃ 1E91	ą 1EA1	ǻ 1EB1	è 1EC1	ó 1ED1	õ 1EE1	ư 1EF1
2	Ĕ 1E02	Ď 1E12	Ĥ 1E22	Ĳ 1E32	Ṁ 1E42	Ǫ 1E52	Ş 1E62	Ṱ 1E72	Ẅ 1E82	Ẇ 1E92	Ȧ 1EA2	Ǽ 1EB2	Ê 1EC2	Ò 1ED2	Ȯ 1EE2	Ỳ 1EF2
3	ĕ 1E03	ď 1E13	ĥ 1E23	ķ 1E33	ṁ 1E43	ǫ 1E53	ş 1E63	ṱ 1E73	ẅ 1E83	ẇ 1E93	ȧ 1EA3	ǽ 1EB3	ê 1EC3	ò 1ED3	ȯ 1EE3	ỳ 1EF3
4	Ḃ 1E04	È 1E14	Ħ 1E24	Ĳ 1E34	Ñ 1E44	Ṗ 1E54	Š 1E64	Ṳ 1E74	ẘ 1E84	Ẓ 1E94	Ǻ 1EA4	Ǽ 1EB4	Ë 1EC4	Ô 1ED4	Ṱ 1EE4	Ỵ 1EF4
5	ḃ 1E05	è 1E15	ħ 1E25	ķ 1E35	ñ 1E45	ṗ 1E55	š 1E65	ṳ 1E75	ẙ 1E85	Ẕ 1E95	ǻ 1EA5	ǿ 1EB5	ë 1EC5	ó 1ED5	ṱ 1EE5	ỵ 1EF5
6	Ḅ 1E06	É 1E16	Ĩ 1E26	Ḷ 1E36	Ń 1E46	ṑ 1E56	Š 1E66	Ṵ 1E76	ẚ 1E86	Ẑ 1E96	Ǻ 1EA6	Ǽ 1EB6	Ê 1EC6	Õ 1ED6	Ṳ 1EE6	Ỷ 1EF6
7	ḅ 1E07	é 1E17	ĥ 1E27	ḷ 1E37	ń 1E47	Ṓ 1E57	š 1E67	ṵ 1E77	ẛ 1E87	ẑ 1E97	ǻ 1EA7	ǿ 1EB7	ê 1EC7	õ 1ED7	ṳ 1EE7	ỷ 1EF7
8	Ć 1E08	Ē 1E18	Ħ 1E28	Ḹ 1E38	Ń 1E48	Ṓ 1E58	Š 1E68	Ṷ 1E78	ẜ 1E88	Ẓ 1E98	Ǻ 1EA8	Ǽ 1EB8	Ë 1EC8	Ô 1ED8	Ṵ 1EE8	Ỵ 1EF8
9	ć 1E09	ē 1E19	ħ 1E29	ḹ 1E39	ņ 1E49	ṓ 1E59	š 1E69	ṷ 1E79	ẝ 1E89	ẓ 1E99	ǻ 1EA9	ǿ 1EB9	ë 1EC9	ô 1ED9	ṵ 1EE9	ỷ 1EF9
A	Ḍ 1E0A	Ē 1E1A	Ħ 1E2A	Ḻ 1E3A	Ń 1E4A	Ṓ 1E5A	Ṭ 1E6A	Ṹ 1E7A	ẞ 1E8A	ẘ 1E9A	Ǻ 1EA	Ǽ 1EB	Ë 1EC	Ó 1ED	Ṱ 1EE	IL 1EFA
B	ḏ 1E0B	ē 1E1B	ħ 1E2B	ḻ 1E3B	ņ 1E4B	ṓ 1E5B	ṭ 1E6B	ṹ 1E7B	ẟ 1E8B	ẙ 1E9B	ǻ 1EAB	ǿ 1EBB	ë 1ECB	ó 1EDB	ṳ 1EEB	† 1EFB
C	Ḑ 1E0C	Ĕ 1E1C	Ĭ 1E2C	Ḽ 1E3C	Ǫ 1E4C	Ṓ 1E5C	Ṭ 1E6C	Ṻ 1E7C	ẘ 1E8C	Ẓ 1E9C	Ǻ 1EAC	Ǽ 1EBC	Ȯ 1ECC	Ò 1EDC	Ṱ 1EEC	6 1EFC
D	ḑ 1E0D	ĕ 1E1D	ĭ 1E2D	ḽ 1E3D	ǫ 1E4D	ṓ 1E5D	ṭ 1E6D	ṻ 1E7D	ẙ 1E8D	ẓ 1E9D	ǻ 1EAD	ǿ 1EBD	ȯ 1ECD	ò 1EDD	ṳ 1EED	6 1EFD
E	Ḑ 1E0E	Ḟ 1E1E	Ĭ 1E2E	Ṁ 1E3E	Ǫ 1E4E	Ṓ 1E5E	Ṭ 1E6E	Ṽ 1E7E	Ỳ 1E8E	Ḃ 1E9E	Ǻ 1EAE	Ǽ 1EBE	Ȯ 1ECE	Ò 1EDE	Ṱ 1EEE	Ỵ 1EFE
F	ḑ 1E0F	ḟ 1E1F	ĭ 1E2F	ṁ 1E3F	ǫ 1E4F	ṓ 1E5F	ṭ 1E6F	ṽ 1E7F	ỳ 1E8F	δ 1E9F	ǻ 1EAF	ǿ 1EBF	ỏ 1ECF	ỏ 1EDF	ũ 1EEF	y 1EFF

	200	201	202	203	204	205	206
0	 2000	— 2010	† 2020	‰ 2030	— 2040	⊂ 2050	 2060
1	 2001	 2011	‡ 2021	‱ 2031	∧ 2041	* 2051	 2061
2	 2002	— 2012	● 2022	' 2032	* 2042	% 2052	 2062
3	 2003	— 2013	▶ 2023	" 2033	■ 2043	~ 2053	 2063
4	 2004	— 2014	• 2024	''' 2034	/ 2044	— 2054	 2064
5	 2005	— 2015	•• 2025	\' 2035	[ 2045	* 2055	
6	 2006	 2016	••• 2026	" 2036	}] 2046	∴ 2056	
7	 2007	= 2017	• 2027	''' 2037	?? 2047	''' 2057	
8	 2008	‘ 2018	 2028	^ 2038	?! 2048	∴ 2058	
9	 2009	’ 2019	 2029	< 2039	!? 2049	∴ 2059	
A	 200A	‚ 201A	 202A	> 203A	7 204A	• 205A	 206A
B	 200B	‘ 201B	 202B	⊗ 203B	¶ 204B	∴ 205B	 206B
C	 200C	“ 201C	 202C	!! 203C	◐ 204C	⦿ 205C	 206C
D	 200D	” 201D	 202D	!? 203D	◑ 204D	∴ 205D	 206D
E	 200E	„ 201E	 202E	— 203E	* 204E	∴ 205E	 206E
F	 200F	“ 201F	 202F	— 203F	• 204F	 205F	 206F

	2C8	2C9	2CA	2CB	2CC	2CD	2CE	2CF
0	ⲁ 2C80	Ⲑ 2C90	ⲛ 2CA0	ⲟ 2CB0	Ⲡ 2CC0	Ⲓ 2CD0	ⲡ 2CE0	◌̅ 2CF0
1	Ⲃ 2C81	ⲑ 2C91	ⲝ 2CA1	Ⲡ 2CB1	ⲡ 2CC1	ⲓ 2CD1	Ⲣ 2CE1	◌̅ 2CF1
2	Ⲕ 2C82	ⲓ 2C92	Ⲟ 2CA2	ⲡ 2CB2	ⲟ̅ 2CC2	Ⲓ 2CD2	ⲣ 2CE2	
3	ⲕ 2C83	ⲛ 2C93	Ⲟ 2CA3	ⲡ 2CB3	ⲟ̅ 2CC3	Ⲓ 2CD3	ⲣ 2CE3	
4	Ⲓ 2C84	Ⲕ 2C94	Ⲙ 2CA4	ⲛ̅ 2CB4	ⲓ 2CC4	ⲓ̅ 2CD4	Ⲕ̅ 2CE4	
5	Ⲓ 2C85	Ⲕ 2C95	Ⲙ 2CA5	ⲛ̅ 2CB5	ⲓ 2CC5	ⲓ̅ 2CD5	Ⲕ̅ 2CE5	
6	Ⲕ̅ 2C86	ⲓ̅ 2C96	Ⲟ̅ 2CA6	ⲡ̅ 2CB6	ⲟ̅ 2CC6	Ⲓ̅ 2CD6	ⲣ̅ 2CE6	
7	Ⲕ̅ 2C87	ⲓ̅ 2C97	Ⲟ̅ 2CA7	ⲡ̅ 2CB7	ⲟ̅ 2CC7	Ⲓ̅ 2CD7	ⲣ̅ 2CE7	
8	Ⲕ̅ 2C88	ⲓ̅ 2C98	Ⲟ̅ 2CA8	ⲡ̅ 2CB8	ⲟ̅ 2CC8	Ⲓ̅ 2CD8	ⲣ̅ 2CE8	
9	Ⲕ̅ 2C89	ⲓ̅ 2C99	Ⲟ̅ 2CA9	ⲡ̅ 2CB9	ⲟ̅ 2CC9	Ⲓ̅ 2CD9	ⲣ̅ 2CE9	ⲕ̅ 2CF9
A	Ⲕ̅ 2C8A	ⲓ̅ 2C9A	Ⲟ̅ 2CAA	ⲡ̅ 2CBA	ⲟ̅ 2CCA	Ⲓ̅ 2CDA	ⲣ̅ 2CEA	ⲕ̅ 2CFA
B	Ⲕ̅ 2C8B	ⲓ̅ 2C9B	Ⲟ̅ 2CAB	ⲡ̅ 2CBB	ⲟ̅ 2CCB	Ⲓ̅ 2CDB	ⲣ̅ 2CEB	ⲕ̅ 2CFB
C	Ⲕ̅ 2C8C	ⲓ̅ 2C9C	Ⲟ̅ 2CAC	ⲡ̅ 2CBC	ⲟ̅ 2CCC	Ⲓ̅ 2CDC	ⲣ̅ 2CEC	ⲕ̅ 2CFC
D	Ⲕ̅ 2C8D	ⲓ̅ 2C9D	Ⲟ̅ 2CAD	ⲡ̅ 2CBD	ⲟ̅ 2CCD	Ⲓ̅ 2CDD	ⲣ̅ 2CED	ⲕ̅ 2CFD
E	Ⲕ̅ 2C8E	ⲓ̅ 2C9E	Ⲟ̅ 2CAE	ⲡ̅ 2CBE	ⲟ̅ 2CCE	Ⲓ̅ 2CDE	ⲣ̅ 2CEE	ⲕ̅ 2CFE
F	Ⲕ̅ 2C8F	ⲓ̅ 2C9F	Ⲟ̅ 2CAF	ⲡ̅ 2CBF	ⲟ̅ 2CCF	Ⲓ̅ 2CDF	ⲣ̅ 2CEF	ⲕ̅ 2CFF

	FB0	FB1	FB2	FB3	FB4
0	ff FB00		ע FB20	א FB30	נ FB40
1	fi FB01		ז FB21	ב FB31	ס FB41
2	fi FB02		ד FB22	ג FB32	
3	ffi FB03	טו FB13	ה FB23	ה FB33	ף FB43
4	ffl FB04	טז FB14	כ FB24	ה FB34	פ FB44
5	ft FB05	טז FB15	ל FB25	ו FB35	
6	st FB06	טז FB16	ם FB26	ז FB36	צ FB46
7		טז FB17	ך FB27		ק FB47
8			ת FB28	ט FB38	ך FB48
9			ך FB29	י FB39	ש FB49
A			ש FB2A	ך FB3A	ת FB4A
B			ש FB2B	כ FB3B	ו FB4B
C			ש FB2C	ל FB3C	ב FB4C
D		י FB1D	ש FB2D		כ FB4D
E		י FB1E	א FB2E	מ FB3E	פ FB4E
F		י FB1F	א FB2F		ז FB4F