

VERSION 02 | September 2007

FONTFONT

OPENTYPE® USER GUIDE



SECTIONS

- A | Introduction to OpenType®
- B | Layout Features
- C | Language Support



SECTION A
INTRODUCTION
TO OPENTYPE®

**WHAT IS
OPENTYPE?**

OpenType is a font file format developed jointly by Adobe and Microsoft. The two main benefits of the OpenType format are its cross-platform compatibility – you can work with the same font file on Mac, Windows or other computers – and its ability to support widely expanded character sets and layout features which provide rich linguistic support and advanced typographic control.

OpenType fonts can be installed and used alongside PostScript Type 1 and TrueType fonts. Since these fonts rely on OpenType-specific tables, non-savvy applications on computers running operating systems prior to OS X and Windows 2000 will not be able to use them without intermediation by system services like ATM.

There are now many FontFont typefaces available in OpenType format with many more to follow step by step. They are OpenType fonts with PostScript outlines, i. e. CFF (Compact Font Format) fonts. Each OpenType FontFont is accompanied by a font-specific Info Guide listing all the layout features supported by this font. The font and Info Guide will be delivered as a .zip file which can be decompressed on any computer by OS built-in support or a recent version of StuffIt Expander or WinZip.

This document covers the basics of the OpenType format. In Section two you will find a glossary of all OpenType layout features that may be supported by FontFonts. Section C explains the language support and lists all code pages that may be available.

If you look for information about layout features and language support of a specific OpenType FontFont please read the comprehensive font-specific Info Guide for that font.

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SECTION A
INTRODUCTION
TO OPENTYPE®

**CROSS-PLATFORM
COMPATIBILITY**

By using one font file only for its entire glyph, metric and bitmap data, OpenType fonts simplify the font management. The same file works on Macintosh, Windows and other computers so you can move font files between platforms for the use in any documents that use type. OpenType FontFonts are partly style-linked. In office and correspondence font families the four weights Regular, Italic, Bold and Bold Italic are style-linked and you can access them via the style menu. All other OpenType FontFonts are linked by their family names.

LAYOUT FEATURES

Traditional PostScript fonts are limited to 256 glyphs forcing the user to install and manage two or more style-related fonts in order to access additional characters. OpenType fonts can contain more than 65000 glyphs in one cross-platform font file making font management and publishing workflows much easier and more flexible. A single font file may contain many non-standard glyphs, such as old-style figures, tabular figures, small capitals, fractions, swashes, superiors, inferiors, titling letters, contextual and stylistic alternates, a full range of ligatures, symbols and ornaments. The OpenType layout features allow automatic positioning or substitution of glyphs. Section B lists and describes the layout features that may be supported by OpenType FontFonts.

LANGUAGE SUPPORT

OpenType fonts are based on the Unicode Standard, a multi-byte character encoding that covers nearly all the world's languages. With OpenType it is possible to include multiple language character sets in one font, thus simplifying multilingual text processing. Section C lists all code pages and languages that may be supported by OpenType Min, OpenType Standard and OpenType Pro FontFonts. For information about language support of a specific OpenType FontFont please refer to the respective font-specific Info Guide.

**USE OF
OPENTYPE FONTS**

The installation of OpenType fonts is similar to PostScript or TrueType fonts. Please refer to your operating system manual. OpenType-savvy applications provide a user interface that allows applying OpenType layout features to text. Applications that don't support OpenType layout features can still access the basic glyph sets of OpenType fonts which correspond to today's PostScript Type 1 fonts. The full range of encoded language characters and symbols in OpenType fonts is available if application and operating system support Unicode (Windows NT4, 2000, XP, Vista and Mac OS X). When using other operating systems and/or non-Unicode-savvy applications only the first 256 characters in the font may be accessed.

SECTION B
LAYOUT
FEATURES

OpenType layout features can be used to automatically position or substitute glyphs for more typographic flexibility. Glyphs are the specific visual forms or shapes that characters can take. Characters are the code points assigned by the Unicode Standard which represents the smallest semantic unit of languages, such as letters. One character may correspond to several glyphs: the lowercase 'a', a small capital 'A' and an alternate lowercase 'ɑ' are all the same character but three different glyphs. In case of ligatures one glyph may also represent more than one character, for instance the ffi ligature is one glyph but corresponds to three characters: f, f and i.

For any given character there is a default glyph and positioning behaviour. By applying OpenType layout features to one or more characters you can change the positioning or substitute glyphs. For example, the application of the Small Capital feature to a lowercase a will replace it by the small cap A. Below are descriptions and examples for each layout feature that may be supported by OpenType FontFonts. A listing of layout features for a specific OpenType FontFont can be found in the respective font-specific Info Guide.

FontFonts in OpenType format may include some layout features which are not accessible in all applications. Users are encouraged to read application documentation to determine which OpenType features are supported in their specific workflow and update applications to the latest versions which often include additional support.

FONTFONT OPENTYPE®

EXAMPLE



ACCESS ALL ALTERNATES

This feature makes all variations of a selected character accessible, via the Glyph Palette.

n ▶ *Nⁿn_nn*



CONTEXTUAL ALTERNATES

This feature replaces default glyphs with alternate forms which provide better joining behavior.

first ▶ *first*

EXAMPLE



STYLISTIC ALTERNATES

This feature replaces the default forms with stylistic alternates. Many fonts contain alternate glyph designs for a purely aesthetic effect; these don't always fit into a clear category like swash or historical.



STANDARD LIGATURES

The feature replaces a sequence of glyphs with a single glyph which is preferred for typographic purposes. OpenType Standard and Pro FontFonts include at least ligatures for ,fi' and ,fl'.



CONTEXTUAL LIGATURES

Replaces a sequence of glyphs with a single glyph which is preferred for typographic purposes. Unlike other ligature features, the Contextual Ligatures feature specifies the context in which the ligature is recommended.



DISCRETIONARY LIGATURES

This feature replaces a sequence of glyphs with a single glyph which is preferred for typographic purposes.



HISTORICAL FORMS

This feature replaces the default (current) forms with the historical alternates.



EXAMPLE

fs

HISTORICAL LIGATURES

This feature replaces the default (current) forms with the historical alternates.

ß ▶ *ſs*

nn

UNICASE

This feature maps upper- and lowercase letters to a mixed set of lowercase and small capital forms, resulting in a single case alphabet.

aBove ▶ aBOVE

aa

SMALL CAPITALS

Turns lowercase characters into Small Capitals. Forms related to Small Capitals, such as Oldstyle Figures, may be included.

abc ▶ *ABC*

AA

SMALL CAPITALS FROM CAPITALS

This feature turns capital characters into Small Capitals. It is generally used for words which would otherwise be set in all caps, such as acronyms, but which are desired in small-cap form to avoid disrupting the flow of text.

ABC ▶ *ABC*

Pp

PETITE CAPITALS FROM CAPITALS

Turns capital characters into Petite Capitals.

ABC ▶ *ABC*

EXAMPLE



PETITE CAPITALS

Some fonts contain an additional size of capital letters, shorter than the regular Small Caps and whimsically referred to as Petite Caps. This feature turns lowercase characters into Petite Capitals. Forms related to Petite Capitals, such as specially designed figures, may be included.

abc ▶ ABC



CASE SENSITIVE FORMS

By default, glyphs in a text face are designed to work with lowercase characters. This feature shifts various punctuation marks up to a position that works better with all-capital sequences or sets of lining figures. This feature also changes Oldstyle Figures to Lining Figures.

{I})>I« ▶ {I})>I«
»I- - - - ▶ »I- - - -



CAPITAL SPACING

The Capital Spacing feature adjusts inter-glyph spacing for all-capital text. Most typefaces contain capitals and lowercase characters, and the capitals are positioned to work with the lowercase. When capitals are used for words, they need more space between them for legibility and aesthetics.

ABC ▶ ABC



TITLING

This feature replaces the default glyphs with corresponding forms designed specifically for titling.

ABC ▶ ABC

EXAMPLE



SWASH

This feature replaces default character glyphs with corresponding swash glyphs.

k ▶ *k*



CONTEXTUAL SWASH

This feature replaces default character glyphs with corresponding swash glyphs in a specified context.

Font ▶ *Font*



FRACTIONS

The feature replaces figures separated by a slash with common (diagonal) fractions. The number of fractions in a font may vary. OpenType Standard FontFonts include at least fractions for $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$.

$\frac{1}{2}$ ▶ $\frac{1}{2}$



ALTERNATIVE FRACTIONS

This feature replaces figures separated by a slash with an alternative (nut fraction) form. E. g. if you enter $\frac{3}{4}$ in a document you will get a specified three-quarter nut fraction.

$\frac{1}{4}$ ▶ $\frac{1}{4}$



ORDINALS

This feature replaces default alphabetic glyphs with the corresponding ordinal forms for use after figures.

1st ▶ *1st*

EXAMPLE



NUMERATORS

This feature replaces selected figures which precede a slash with numerator figures, and replaces the typographic slash with the fraction slash.

4/ ▶ 4/



DENOMINATORS

Replaces selected figures which follow a slash with denominator figures in order to build additional fractions.

/9 ▶ /9



SCIENTIFIC INFERIORS

This feature replaces Lining or Oldstyle Figures with inferior figures (smaller glyphs which sit lower than the standard baseline, primarily for chemical or mathematical notation). May also replace lowercase characters with alphabetic inferiors.

CO₂ ▶ CO₂



SUPERSCRIPT

Lining or oldstyle figures are replaced with superior figures (primarily for footnote indication), and lowercase letters are replaced with superior letters (primarily for abbreviated French titles).

m₃ ▶ m³



SUBSCRIPT

This feature will replace a default glyph with a subscript glyph.

N₂ ▶ N₂

EXAMPLE

13

OLDSTYLE FIGURES

Changes selected figures from the lining style to the oldstyle form.

167 ▶ 167

13

LINING FIGURES

This feature changes selected figures from oldstyle to the lining form.

289 ▶ 289

13

PROPORTIONAL FIGURES

This feature replaces figure glyphs set on uniform (tabular) widths with corresponding glyphs set on glyph-specific (proportional) widths.

3|2|8 ▶ 328
1|5|2 ▶ 152

13

TABULAR FIGURES

This feature replaces figure glyphs set on proportional widths with corresponding glyphs set on uniform (tabular) widths.

328 ▶ 3|2|8
152 ▶ 1|5|2

00

SLASHED ZERO

Some fonts contain both a default form of zero and an alternative form which uses a diagonal slash through the counter. Especially in condensed designs, it can be difficult to distinguish between 0 and O (zero and capital O) in any situation where capitals and lining figures may be arbitrarily mixed. This feature allows the user to change from the default 0 to a slashed form.

on 01 ▶ on 01

SECTION B
LAYOUT
FEATURES

EXAMPLE



MATHEMATICAL GREEK

This feature replaces standard typographic forms of Greek glyphs with corresponding forms commonly used in mathematical notation.

$\pi\sigma$ ▶ $\Pi\Sigma$



ALTERNATE ANNOTATION FORMS

Replaces default glyphs with various notational forms (e.g. glyphs placed in open or solid circles, squares, parentheses, diamonds or rounded boxes).

123! ▶ ①②③!



ORNAMENTS

This is a dual-function feature which uses two input methods to give the user access to ornament glyphs (e.g. fleurons, dingbats and border elements) in the font. One method replaces the bullet character with a selection from the full set of available ornaments; the other replaces specific lower ASCII characters with ornaments assigned to them.

abc ▶ 🌐 ✉️ 📱



LOCALIZED FORMS

This feature replaces certain glyphs with a different preferred form depending on the language of the text.

A\$ ▶ AŞ

EXAMPLE



OPTICAL SIZE

If a font family comes in various design sizes, this feature allows an application to automatically choose the design best suited for a specific text size instead of simple linear scaling.

abc abc ▶ abc abc



STYLISTIC SETS

This feature replaces the default forms with stylistic alternates organised in one or more corresponding sets. A font can contain up to 20 stylistic sets, each of which can be switched on separately.

Age 24  ▶ Age 24

Age 24  ▶ Age 24

Age 24   ▶ Age 24



COMBINING LAYOUT FEATURES

Layout features may be combined, allowing access to additional glyph forms not found in any single feature.

May 6, 2007  ▶ May 6, 2007   ▶ MAY 6, 2007
May 6, 2007  ▶ MAY 6, 2007

Swashes  ▶ Swashes   ▶ Swashes

Catfish  ▶ Catfish
Catfish   ▶ Catfish
Catfish  ▶ Catfish

54 m2  ▶ 54 m2   ▶ 54 m2    ▶ 54 M2

SECTION C
LANGUAGE
SUPPORT

ADDITIONAL ICONS



These additional icons do not describe any layout features but other important characteristics of the fonts. The icons shown here mean:

The font is an OpenType Pro; OpenType Standard or OpenType Min font;

The font contains the Euro symbol; the font supports Central European, Baltic, Turk and Latin 3 encoding; the font supports Latin Extended encoding;

The font supports Greek monotonic; Greek monotonic and polytonic or Cyrillic encoding.

**ACCESSING EXTENDED
CHARACTERS**



Applications and operating systems that make use of the Unicode Standard for text processing can provide easy access to the wide range of encoded accented characters and special symbols in OpenType fonts, thus greatly simplifying multilingual typesetting. All OpenType Standard FontFonts have at least the character sets of the code pages MS Windows 1252 and Mac OS Roman. OpenType Pro FontFonts add a full range of characters to support languages such as Czech, Turkish and Latvian. Many also contain Greek or Cyrillic or Cyrillic and Greek character extensions in the same font.

All Unicode-encoded glyphs in an OpenType font will show up in the Windows NT, 2000 or XP Character Map accessory, allowing direct copying and pasting of any OpenType glyph into any application that supports Unicode. On Mac OS X the Character Palette offers a similar function. OS X users may also install and select a Unicode keyboard layout that allows direct access to any Unicode character in most Unicode-supporting applications.

SECTION C
LANGUAGE
SUPPORT

SUPPORTED
CODE PAGES



OPENTYPE STANDARD / OPENTYPE MIN*

WINDOWS

MS WINDOWS 1252 WESTERN

MAC

MAC OS ROMAN

ISO

ISO 8859-1 LATIN 1 WESTERN

ISO 8859-15 WEST EUROPE LATIN 9

IBM

IBM 037 UNITED STATES – EBCDIC (IBM 28709)

IBM 273 GERMANY – EBCDIC

IBM 277 DENMARK, NORWAY – EBCDIC

IBM 278 FINLAND, SWEDEN – EBCDIC

IBM 280 ITALY – EBCDIC

IBM 282

IBM 284 SPAIN, LATIN AMERICA – EBCDIC

IBM 285 UNITED KINGDOM – EBCDIC

IBM 297 FRANCE – EBCDIC

IBM 500 INTERNATIONAL – EBCDIC

IBM 871 ICELAND – EBCDIC

IBM 1047 OPEN SYSTEMS - EBCDIC

* OpenType Min supports the same code pages as OpenType Standard, but some non-essential glyphs may have been replaced with placeholder glyphs (see also OT Min language support, next page).

ADDITIONAL
SUPPORTED
CODE PAGES



OPENTYPE PRO

WINDOWS

MS WINDOWS 1250 EASTERN EUROPEAN

MS WINDOWS 1254 TURKISH

MS WINDOWS 1257 BALTIC

MAC

MAC OS CENTRAL EUROPE

MAC OS CROATIAN

MAC OS ROMANIAN

MAC OS TURKISH

ISO

ISO 8859-2 C EU LATIN 2

ISO

ISO 8859-3 TU, MALT, GAL, ESP, LATIN 3

ISO 8859-9 W EU+TURKISH LATIN 5

ISO 8859-13 BALTIC LATIN 7

ISO 8859-16 SOUTHEAST EUROPE LATIN 10

IBM

IBM 921 BALTIC

IBM 922 ESTONIA

IBM 1112 BALTIC - EBCDIC



ISO

ISO 8859-4 BALTIC LATIN 6

ISO 8859-10 SCANDINAVIAN LATIN 6



WINDOWS

MS WINDOWS 1253 GREEK

MAC

MAC OS GREEK

ISO

ISO 8859-7 GREEK

IBM

IBM 875 GREECE EBCDIC



WINDOWS

MS WINDOWS 1251 CYRILLIC

MAC

MAC OS CYRILLIC

MAC OS UKRAINE

ISO

ISO 8859-5 CYRILLIC

IBM

IBM 1025 CYRILLIC - EBCDIC

IBM 1123

IBM 1124



SECTION C LANGUAGE SUPPORT

SUPPORTED LANGUAGES



OPENTYPE STANDARD

AFRIKAANS	ICELANDIC
ALBANIAN	IRISH
ASTURIAN	ITALIAN
BARABA TATAR	LADIN
BISLAMA	LOW GERMAN
BRETON	LUXEMBOURGIAN
CATALAN	MANX GAELIC
CHAMORRO	NORWEGIAN (BOKMÅL & NYNORSK)
DANISH	NORTH FRISIAN
DUTCH	OCCITAN
EAST FRISIAN	PORTUGUESE
ENGLISH	RHAETO-ROMANCE
ESTONIAN	ROMANSCH
FAROESE	SCOTTISH GAELIC
FINNISH	SOUTHERN SAMI
FRANCO-PROVENÇAL	SPANISH
FRENCH	SWEDISH
FRIULIAN	UME SAMI
GALICIAN	WALLOON
GERMAN	WEST FRISIAN



OPENTYPE MIN

SUPPORTED LANGUAGES

OpenType Min supports the same languages as OpenType Standard. However, some non-essential glyphs such as mathematical operators and mathematical Greek characters may have been omitted.

SECTION C
LANGUAGE
SUPPORT

PRO

OPENTYPE PRO

**ADDITIONAL
SUPPORTED
LANGUAGES**



ARUMANIAN	LULE SAMI
BASQUE	MALTESE
BOSNIAN	MOLDAVIAN
CROATIAN	POLISH
CZECH	ROMANIAN
ESPERANTO	SLOVAK
HUNGARIAN	SLOVENIAN
INARI SAMI	SORBIAN (UPPER & LOWER)
ISTRO-ROMANIAN	TURKISH
KASHUBIAN	UBYKH
LATVIAN (LETTISH)	VEPSIAN
LITHUANIAN	VÅMHUSMÅL



AZERBAIJANI	LADINO
CHECHEN	LATIN
CHICHEWA	NORTHERN SAMI
GREENLANDIC	SARDINIAN
INARI SAMI	WELSH



GREEK MONOTONIC / GREEK MONOTONIC AND POLYTONIC
ARVANITE



ABAZA	KHINALUG
ADYGHE	KRYTS
ARCHI	KUMYK
AVAR	KURDISH
BALK	KYRGYZ
BOTLIKH	LAK
BUDUKH	LEZGI
BULGARIAN	MACEDONIAN
BURYAT	MOKSHA
BYELORUSSIAN (BELARUSIAN)	MONGOLIAN
DARGIN	NOGAY
DUNGAN	RUSSIAN
ERZYA	RUTUL
INGUSH	TABASARAN
KALMYK	TAJIK
KABARDIAN	TATAR
KARA-KALPAK	TATI
KARACHAY-BALKAR	TSAKHUR
KARAIM	TURKMEN
KAZAKH	TUVAN
KAZAN TATAR	UZBEK

SECTION C
LANGUAGE
SUPPORT



WINDOWS | 1252 WESTERN

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
20AC	####	201A	0192	201E	2026	2020	2021	02C6	2030	0160	2039	0152	####	017D	####
€		,	f	„	...	†	‡	^	%o	Š	<	Œ		Ž	
####	2018	2019	201C	201D	2022	2013	2014	02DC	2122	0161	203A	0153	####	017E	0178
	‘	’	“	”	•	-	—	~	™	š	>	œ		ž	ÿ
00A0	00A1	00A2	00A3	00A4	00A5	00A6	00A7	00A8	00A9	00AA	00AB	00AC	00AD	00AE	00AF
[NBSPL]	ı	¢	£	¤	¥	¦	§	¨	©	ª	«	¬	[SHY]	®	¯
00B0	00B1	00B2	00B3	00B4	00B5	00B6	00B7	00B8	00B9	00BA	00BB	00BC	00BD	00BE	00BF
°	±	²	³	´	µ	¶	·	,	¹	º	»	¼	½	¾	¿
00C0	00C1	00C2	00C3	00C4	00C5	00C6	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
00D0	00D1	00D2	00D3	00D4	00D5	00D6	00D7	00D8	00D9	00DA	00DB	00DC	00DD	00DE	00DF
Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß
00E0	00E1	00E2	00E3	00E4	00E5	00E6	00E7	00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF
à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
00F0	00F1	00F2	00F3	00F4	00F5	00F6	00F7	00F8	00F9	00FA	00FB	00FC	00FD	00FE	00FF
ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ

SECTION C
LANGUAGE
SUPPORT



MAC OS | ROMAN

0000	####	0002	####	####	####	####	####	####	####	0009	000A	####	####	000D	####	####
[NUL]		[STX]								[HT]	[LF]			[CR]		
####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F	
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/	
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F	
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?	
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F	
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F	
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_	
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F	
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	####	
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~		
00C4	00C5	00C7	00C9	00D1	00D6	00DC	00E1	00E0	00E2	00E4	00E3	00E5	00E7	00E9	00E8	
Ä	Å	Ç	É	Ñ	Ö	Ü	á	à	â	ä	ã	å	ç	é	è	
00EA	00EB	00ED	00EC	00EE	00EF	00F1	00F3	00F2	00F4	00F6	00F5	00FA	00F9	00FB	00FC	
ê	ë	í	ì	î	ï	ñ	ó	ò	ô	ö	õ	ú	ù	û	ü	
2020	00B0	00A2	00A3	00A7	2022	00B6	00DF	00AE	00A9	2122	00B4	00A8	2260	00C6	00D8	
†	°	¢	£	§	•	¶	ß	®	©	™	´	¨	≠	Æ	Ø	
221E	00B1	2264	2265	00A5	00B5	2202	2211	220F	03C0	222B	00AA	00BA	03A9	00E6	00F8	
∞	±	≤	≥	¥	μ	∂	Σ	Π	π	∫	ª	º	Ω	æ	ø	
00BF	00A1	00AC	221A	0192	2248	2206	00AB	00BB	2026	00A0	00C0	00C3	00D5	0152	0153	
¿	¡	¬	√	f	≈	Δ	«	»	...	[NBSP]	À	Ã	Õ	Œ	œ	
2013	2014	201C	201D	2018	2019	00F7	25CA	00FF	0178	2044	20AC	2039	203A	FB01	FB02	
-	—	“	”	‘	’	÷	◊	ÿ	ÿ	/	€	<	>	fi	fl	
2021	00B7	201A	201E	2030	00C2	00CA	00C1	00CB	00C8	00CD	00CE	00CF	00CC	00D3	00D4	
‡	·	,	„	‰	Â	Ê	Á	Ë	È	Í	Î	Ì	Ó	Ô		
F8FF	00D2	00DA	00DB	00D9	0131	02C6	02DC	00AF	02D8	02D9	02DA	00B8	02DD	02DB	02C7	
🍏	Ò	Ú	Û	Ù	ı	ˆ	˜	˘	˙	˚	¸	¸	¸	¸	¸	

SECTION C
LANGUAGE
SUPPORT

STD

ISO | 8859-1 LATIN 1 WESTERN

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	00A1	00A2	00A3	00A4	00A5	00A6	00A7	00A8	00A9	00AA	00AB	00AC	00AD	00AE	00AF
[NBSPL]	ı	¢	£	¤	¥	¦	§	¨	©	ª	«	¬	[SHY]	®	¯
00B0	00B1	00B2	00B3	00B4	00B5	00B6	00B7	00B8	00B9	00BA	00BB	00BC	00BD	00BE	00BF
°	±	²	³	´	µ	¶	·	¸	¹	º	»	¼	½	¾	¿
00C0	00C1	00C2	00C3	00C4	00C5	00C6	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
00D0	00D1	00D2	00D3	00D4	00D5	00D6	00D7	00D8	00D9	00DA	00DB	00DC	00DD	00DE	00DF
Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß
00E0	00E1	00E2	00E3	00E4	00E5	00E6	00E7	00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF
à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
00F0	00F1	00F2	00F3	00F4	00F5	00F6	00F7	00F8	00F9	00FA	00FB	00FC	00FD	00FE	00FF
ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ

SECTION C
LANGUAGE
SUPPORT



ISO | 8859-15 WEST EUROPE LATIN 9

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	00A1	00A2	00A3	20AC	00A5	0160	00A7	0161	00A9	00AA	00AB	00AC	00AD	00AE	00AF
[NBS]	ı	¢	£	€	¥	Š	š	š	©	ª	«	¬	[SHY]	®	¯
00B0	00B1	00B2	00B3	017D	00B5	00B6	00B7	017E	00B9	00BA	00BB	0152	0153	0178	00BF
°	±	²	³	Ž	μ	¶	·	¸	¹	º	»	Œ	œ	ÿ	ı
00C0	00C1	00C2	00C3	00C4	00C5	00C6	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
00D0	00D1	00D2	00D3	00D4	00D5	00D6	00D7	00D8	00D9	00DA	00DB	00DC	00DD	00DE	00DF
Ð	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Þ	ß
00E0	00E1	00E2	00E3	00E4	00E5	00E6	00E7	00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF
à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
00F0	00F1	00F2	00F3	00F4	00F5	00F6	00F7	00F8	00F9	00FA	00FB	00FC	00FD	00FE	00FF
ð	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	þ	ÿ

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 037 UNITED STATES EBCDIC IBM-28709

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	00E4	00E0	00E1	00E3	00E5	00E7	00F1	00A2	002E	003C	0028	002B	007C
[SP]	[NBS]	â	ä	à	á	ã	å	ç	ñ	¢	.	<	(	+	|
0026	00E9	00EA	00EB	00E8	00ED	00EE	00EF	00EC	00DF	0021	0024	002A	0029	003B	00AC
&	é	ê	ë	è	í	î	ï	ì	ß	!	\$	*)	;	¬
002D	002F	00C2	00C4	00C0	00C1	00C3	00C5	00C7	00D1	00A6	002C	0025	005F	003E	003F
-	/	Â	Ä	À	Á	Ã	Å	Ç	Ñ	¡	,	%	_	>	?
00F8	00C9	00CA	00CB	00C8	00CD	00CE	00CF	00CC	0060	003A	0023	0040	0027	003D	0022
ø	É	Ê	Ë	È	Í	Î	Ï	Ì	`	:	#	@	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	00F0	00FD	00FE	00B1
Ø	a	b	c	d	e	f	g	h	i	«	»	ð	ý	þ	±
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	00E6	00B8	00C6	00A4
°	j	k	l	m	n	o	p	q	r	ª	º	æ	,	Æ	α
00B5	007E	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	00D0	00DD	00DE	00AE
μ	~	s	t	u	v	w	x	y	z	ı	¿	Ð	Ý	Þ	®
005E	00A3	00A5	00B7	00A9	00A7	00B6	00BC	00BD	00BE	005B	005D	00AF	00A8	00B4	00D7
^	£	¥	·	©	§	¶	¼	½	¾	[]	-	¨	´	×
007B	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	00F6	00F2	00F3	00F5
{	A	B	C	D	E	F	G	H	I	[SHY]	ô	ö	ò	ó	õ
007D	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	00FC	00F9	00FA	00FF
}	J	K	L	M	N	O	P	Q	R	¹	û	ü	ù	ú	ÿ
005C	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	00D6	00D2	00D3	00D5
\	÷	S	T	U	V	W	X	Y	Z	²	Ô	Ö	Ò	Ó	Õ
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	00DC	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	Ü	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 273 GERMANY EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	007B	00E0	00E1	00E3	00E5	00E7	00F1	00C4	002E	003C	0028	002B	0021
[SP]	[NBS]	â	{	à	á	ã	ä	ç	ñ	Ä	.	<	(+	!
0026	00E9	00EA	00EB	00E8	00ED	00EE	00EF	00EC	007E	00DC	0024	002A	0029	003B	005E
&	é	ê	ë	è	í	î	ï	ì	~	Ü	\$	*)	;	^
002D	002F	00C2	005B	00C0	00C1	00C3	00C5	00C7	00D1	00F6	002C	0025	005F	003E	003F
-	/	Â	[	À	Á	Ã	Ä	Ç	Ñ	ö	,	%	_	>	?
00F8	00C9	00CA	00CB	00C8	00CD	00CE	00CF	00CC	0060	003A	0023	00A7	0027	003D	0022
ø	É	Ê	Ë	È	Í	Î	Ï	Ì	`	:	#	§	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	00F0	00FD	00FE	00B1
Ø	a	b	c	d	e	f	g	h	i	«	»	ð	ý	þ	±
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	00E6	00B8	00C6	00A4
°	j	k	l	m	n	o	p	q	r	ª	º	æ	,	Æ	α
00B5	00DF	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	00D0	00DD	00DE	00AE
μ	ß	s	t	u	v	w	x	y	z	ı	ı	Đ	Ý	þ	®
00A2	00A3	00A5	00B7	00A9	0040	00B6	00BC	00BD	00BE	00AC	007C	00AF	00A8	00B4	00D7
¢	£	¥	·	©	@	¶	¼	½	¾	¬	|	-	¨	´	×
00E4	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	00A6	00F2	00F3	00F5
ä	A	B	C	D	E	F	G	H	I	[SHY]	ô	ı	ò	ó	õ
00FC	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	007D	00F9	00FA	00FF
ü	J	K	L	M	N	O	P	Q	R	¹	û	}	ù	ú	ÿ
00D6	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	005C	00D2	00D3	00D5
Ö	÷	S	T	U	V	W	X	Y	Z	²	Ô	\	Ò	Ó	Õ
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	005D	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	]	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 277 DENMARK, NORWAY EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	00E4	00E0	00E1	00E3	007D	00E7	00F1	0023	002E	003C	0028	002B	0021
[SP]	[NBS]	â	ä	à	á	ã	}	ç	ñ	#	.	<	(+	!
0026	00E9	00EA	00EB	00E8	00ED	00EE	00EF	00EC	00DF	00A4	00C5	002A	0029	003B	005E
&	é	ê	ë	è	í	î	ï	ì	ß	¤	Å	*)	;	^
002D	002F	00C2	00C4	00C0	00C1	00C3	0024	00C7	00D1	00F8	002C	0025	005F	003E	003F
-	/	Â	Ä	À	Á	Ã	\$	Ç	Ñ	ø	,	%	_	>	?
00A6	00C9	00CA	00CB	00C8	00CD	00CE	00CF	00CC	0060	003A	00C6	00D8	0027	003D	0022
|	É	Ê	Ë	È	Í	Î	Ï	Ì	`	:	Æ	Ø	'	=	"
0040	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	00F0	00FD	00FE	00B1
@	a	b	c	d	e	f	g	h	i	«	»	ð	ý	þ	±
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	007B	0088	005B	005D
°	j	k	l	m	n	o	p	q	r	ª	º	{	,	[]
00B5	00FC	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	00D0	00DD	00DE	00AE
µ	ü	s	t	u	v	w	x	y	z	ı	ı	Đ	Ý	þ	®
00A2	00A3	00A5	00B7	00A9	00A7	00B6	00BC	00BD	00BE	00AC	007C	00AF	00A8	00B4	00D7
¢	£	¥	·	©	§	¶	¼	½	¾	¬	|	-	¨	´	×
00E6	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	00F6	00F2	00F3	00F5
æ	A	B	C	D	E	F	G	H	I	[SHY]	ô	ö	ò	ó	õ
00E5	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	007E	00F9	00FA	00FF
å	J	K	L	M	N	O	P	Q	R	¹	û	~	ù	ú	ÿ
005C	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	00D6	00D2	00D3	00D5
\	÷	S	T	U	V	W	X	Y	Z	²	Ô	Ö	Ò	Ó	Õ
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	00DC	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	Ü	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 278 FINLAND, SWEDEN EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	007B	00E0	00E1	00E3	007D	00E7	00F1	00A7	002E	003C	0028	002B	0021
[SP]	[NBS]	â	{	à	á	ã	}	ç	ñ	§	.	<	(+	!
0026	0060	00EA	00EB	00E8	00ED	00EE	00EF	00EC	00DF	00A4	00C5	002A	0029	003B	005E
&	`	ê	ë	è	í	î	ï	ì	ß	æ	Å	*)	;	^
002D	002F	00C2	0023	00C0	00C1	00C3	0024	00C7	00D1	00F6	002C	0025	005F	003E	003F
-	/	Â	#	À	Á	Ã	\$	Ç	Ñ	ö	,	%	_	>	?
00F8	005C	00CA	00CB	00C8	00CD	00CE	00CF	00CC	00E9	003A	00C4	00D6	0027	003D	0022
ø	\	Ê	Ë	È	Í	Î	Ï	Ì	É	:	Ä	Ö	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	00F0	00FD	00FE	00B1
Ø	a	b	c	d	e	f	g	h	i	«	»	ð	ý	þ	±
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	00E6	00B8	00C6	005D
°	j	k	l	m	n	o	p	q	r	ª	º	æ	,	Æ]
00B5	00FC	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	00D0	00DD	00DE	00AE
µ	ü	s	t	u	v	w	x	y	z	ı	ı	Đ	Ý	þ	®
00A2	00A3	00A5	00B7	00A9	005B	00B6	00BC	00BD	00BE	00AC	007C	00AF	00A8	00B4	00D7
¢	£	¥	·	©	[	¶	¼	½	¾	¬	|	-	¨	´	×
00E4	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	00A6	00F2	00F3	00F5
ä	A	B	C	D	E	F	G	H	I	[SHY]	ô	ı	ò	ó	õ
00E5	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	007E	00F9	00FA	00FF
å	J	K	L	M	N	O	P	Q	R	¹	û	~	ù	ú	ÿ
00C9	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	0040	00D2	00D3	00D5
É	÷	S	T	U	V	W	X	Y	Z	²	Ô	@	Ò	Ó	Õ
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	00DC	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	Ü	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 280 ITALY EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	00E4	007B	00E1	00E3	00E5	005C	00F1	00B0	002E	003C	0028	002B	0021
[SP]	[NBS]	â	ä	{	á	ã	å	\	ñ	°	.	<	(+	!
0026	005D	00EA	00EB	007D	00ED	00EE	00EF	007E	00DF	00E9	0024	002A	0029	003B	005E
&	]	ê	ë	}	í	î	ï	~	ß	é	\$	*)	;	^
002D	002F	00C2	00C4	00C0	00C1	00C3	00C5	00C7	00D1	00F2	002C	0025	005F	003E	003F
-	/	Â	Ä	À	Á	Ã	Å	Ç	Ñ	ò	,	%	_	>	?
00F8	00C9	00CA	00CB	00C8	00CD	00CE	00CF	00CC	00F9	003A	00A3	00A7	0027	003D	0022
ø	É	Ê	Ë	È	Í	Î	Ï	Ì	Ù	:	£	§	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	00F0	00FD	00FE	00B1
Ø	a	b	c	d	e	f	g	h	i	«	»	ð	ý	þ	±
005B	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	00E6	00B8	00C6	00A4
[	j	k	l	m	n	o	p	q	r	ª	º	æ	,	Æ	α
00B5	00EC	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	00D0	00DD	00DE	00AE
μ	ì	s	t	u	v	w	x	y	z	ı	¿	Ð	Ý	Þ	®
00A2	0023	00A5	00B7	00A9	0040	00B6	00BC	00BD	00BE	00AC	007C	00AF	00A8	00B4	00D7
¢	#	¥	·	©	@	¶	¼	½	¾	¬	|	¯	¨	´	×
00E0	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	00F6	00A6	00F3	00F5
à	A	B	C	D	E	F	G	H	I	[SHY]	ô	ö	ı	ó	õ
00E8	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	00FC	0060	00FA	00FF
è	J	K	L	M	N	O	P	Q	R	¹	û	ü	`	ú	ÿ
00E7	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	00D6	00D2	00D3	00D5
ç	÷	S	T	U	V	W	X	Y	Z	²	Ô	Ö	Ò	Ó	Õ
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	00DC	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	Ü	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 282

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	00E4	00E0	00E1	007B	00E5	007E	00F1	005B	002E	003C	0028	002B	0021
[SP]	[NBSB]	â	ä	à	á	{	å	~	ñ	[	.	<	(	+	!
0026	00E9	00EA	00EB	00E8	00ED	00EE	00EF	00EC	00DF	005D	0024	002A	0029	003B	005E
&	é	ê	ë	è	í	î	ï	ì	ß]	\$	*)	;	^
002D	002F	00C2	00C4	00C0	00C1	0023	00C5	005C	00D1	00F5	002C	0025	005F	003E	003F
-	/	Â	Ä	À	Á	#	Å	\	Ñ	õ	,	%	_	>	?
00F8	00C9	00CA	00CB	00C8	00CD	00CE	00CF	00CC	0060	003A	00C3	00D5	0027	003D	0022
ø	É	Ê	Ë	È	Í	Î	Ï	Ì	`	:	Ã	Õ	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	00F0	00FD	00FE	00B1
Ø	a	b	c	d	e	f	g	h	i	«	»	ð	ý	þ	±
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	00E6	00B8	00C6	00A4
°	j	k	l	m	n	o	p	q	r	ª	º	æ	,	Æ	α
00B5	00E7	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	00D0	00DD	00DE	00AE
μ	ç	s	t	u	v	w	x	y	z	ı	ı	Đ	Ý	þ	®
00A2	00A3	00A5	00B7	00A9	00A7	00B6	00BC	00BD	00BE	00AC	007C	00AF	00A8	007D	00D7
¢	£	¥	·	©	§	¶	¼	½	¾	¬	|	¯	¨	}	×
00E3	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	00F6	00F2	00F3	00A6
ã	A	B	C	D	E	F	G	H	I	[SHY]	ô	ö	ò	ó	ı
00B4	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	00FC	00F9	00FA	00FF
´	J	K	L	M	N	O	P	Q	R	¹	û	ü	ù	ú	ÿ
00C7	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	00D6	00D2	00D3	0040
Ç	÷	S	T	U	V	W	X	Y	Z	²	Ô	Ö	Ò	Ó	@
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	00DC	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	Ü	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 284 SPAIN, LATIN AMERICA EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	00E4	00E0	00E1	00E3	00E5	00E7	00A6	005B	002E	003C	0028	002B	007C
[SP]	[NBS]	â	ä	à	á	ã	å	ç	ı	[	.	<	(	+	|
0026	00E9	00EA	00EB	00E8	00ED	00EE	00EF	00EC	00DF	005D	0024	002A	0029	003B	00AC
&	é	ê	ë	è	í	î	ï	ì	ß]	\$	*)	;	¬
002D	002F	00C2	00C4	00C0	00C1	00C3	00C5	00C7	0023	00F1	002C	0025	005F	003E	003F
-	/	Â	Ä	À	Á	Ã	Å	Ç	#	ñ	,	%	_	>	?
00F8	00C9	00CA	00CB	00C8	00CD	00CE	00CF	00CC	0060	003A	00D1	0040	0027	003D	0022
ø	É	Ê	Ë	È	Í	Î	Ï	Ì	`	:	Ñ	@	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	00F0	00FD	00FE	00B1
Ø	a	b	c	d	e	f	g	h	i	«	»	ð	ý	þ	±
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	00E6	00B8	00C6	00A4
°	j	k	l	m	n	o	p	q	r	ª	º	æ	,	Æ	¤
00B5	00A8	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	00D0	00DD	00DE	00AE
µ	¨	s	t	u	v	w	x	y	z	ı	¿	Ð	Ý	Þ	®
00A2	00A3	00A5	00B7	00A9	00A7	00B6	00BC	00BD	00BE	005E	0021	00AF	007E	00B4	00D7
¢	£	¥	·	©	§	¶	¼	½	¾	^	!	-	~	'	×
007B	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	00F6	00F2	00F3	00F5
{	A	B	C	D	E	F	G	H	I	[SHY]	ô	ö	ò	ó	õ
007D	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	00FC	00F9	00FA	00FF
}	J	K	L	M	N	O	P	Q	R	¹	û	ü	ù	ú	ÿ
005C	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	00D6	00D2	00D3	00D5
\	÷	S	T	U	V	W	X	Y	Z	²	Ô	Ö	Ò	Ó	Õ
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	00DC	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	Ü	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 285 UNITED KINGDOM EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	00E4	00E0	00E1	00E3	00E5	00E7	00F1	0024	002E	003C	0028	002B	007C
[SP]	[NBS]	â	ä	à	á	ã	å	ç	ñ	\$	.	<	(	+	|
0026	00E9	00EA	00EB	00E8	00ED	00EE	00EF	00EC	00DF	0021	00A3	002A	0029	003B	00AC
&	é	ê	ë	è	í	î	ï	ì	ß	!	£	*)	;	¬
002D	002F	00C2	00C4	00C0	00C1	00C3	00C5	00C7	00D1	00A6	002C	0025	005F	003E	003F
-	/	Â	Ä	À	Á	Ã	Å	Ç	Ñ	!	,	%	_	>	?
00F8	00C9	00CA	00CB	00C8	00CD	00CE	00CF	00CC	0060	003A	0023	0040	0027	003D	0022
ø	É	Ê	Ë	È	Í	Î	Ï	Ì	`	:	#	@	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	00F0	00FD	00FE	00B1
Ø	a	b	c	d	e	f	g	h	i	«	»	ð	ý	þ	±
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	00E6	00B8	00C6	00A4
°	j	k	l	m	n	o	p	q	r	ª	º	æ	,	Æ	¤
00B5	00AF	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	00D0	00DD	00DE	00AE
µ	¯	s	t	u	v	w	x	y	z	ı	ı	Đ	Ý	þ	®
00A2	005B	00A5	00B7	00A9	00A7	00B6	00BC	00BD	00BE	005E	005D	007E	00A8	00B4	00D7
¢	[	¥	·	©	§	¶	¼	½	¾	^]	~	¨	´	×
007B	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	00F6	00F2	00F3	00F5
{	A	B	C	D	E	F	G	H	I	[SHY]	ô	ö	ò	ó	õ
007D	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	00FC	00F9	00FA	00FF
}	J	K	L	M	N	O	P	Q	R	¹	û	ü	ù	ú	ÿ
005C	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	00D6	00D2	00D3	00D5
\	÷	S	T	U	V	W	X	Y	Z	²	Ô	Ö	Ò	Ó	Õ
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	00DC	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	Ü	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 297 FRANCE EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	00E4	0040	00E1	00E3	00E5	005C	00F1	00B0	002E	003C	0028	002B	0021
[SP]	[NBS]	â	ä	@	á	ã	å	\	ñ	°	.	<	(+	!
0026	007B	00EA	00EB	007D	00ED	00EE	00EF	00EC	00DF	00A7	0024	002A	0029	003B	005E
&	{	ê	ë	}	í	î	ï	ì	ß	§	\$	*)	;	^
002D	002F	00C2	00C4	00C0	00C1	00C3	00C5	00C7	00D1	00F9	002C	0025	005F	003E	003F
-	/	Â	Ä	À	Á	Ã	Å	Ç	Ñ	ù	,	%	_	>	?
00F8	00C9	00CA	00CB	00C8	00CD	00CE	00CF	00CC	00B5	003A	00A3	00E0	0027	003D	0022
ø	É	Ê	Ë	È	Í	Î	Ï	Ì	μ	:	£	à	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	00F0	00FD	00FE	00B1
Ø	a	b	c	d	e	f	g	h	i	«	»	ð	ý	þ	±
005B	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	00E6	00B8	00C6	00A4
[	j	k	l	m	n	o	p	q	r	ª	º	æ	,	Æ	α
0060	00A8	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	00D0	00DD	00DE	00AE
`	¨	s	t	u	v	w	x	y	z	ı	ı	Đ	Ý	þ	®
00A2	0023	00A5	00B7	00A9	005D	00B6	00BC	00BD	00BE	00AC	007C	00AF	007E	00B4	00D7
¢	#	¥	·	©	]	¶	¼	½	¾	¬	|	¯	~	'	×
00E9	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	00F6	00F2	00F3	00F5
é	A	B	C	D	E	F	G	H	I	[SHY]	ô	ö	ò	ó	õ
00E8	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	00FC	00A6	00FA	00FF
è	J	K	L	M	N	O	P	Q	R	¹	û	ü	ı	ú	ÿ
00E7	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	00D6	00D2	00D3	00D5
ç	÷	S	T	U	V	W	X	Y	Z	²	Ô	Ö	Ò	Ó	Õ
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	00DC	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	Ü	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 500 INTERNATIONAL EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	00E4	00E0	00E1	00E3	00E5	00E7	00F1	005B	002E	003C	0028	002B	0021
[SP]	[NBS]	â	ä	à	á	ã	å	ç	ñ	[	.	<	(	+	!
0026	00E9	00EA	00EB	00E8	00ED	00EE	00EF	00EC	00DF	005D	0024	002A	0029	003B	005E
&	é	ê	ë	è	í	î	ï	ì	ß]	\$	*)	;	^
002D	002F	00C2	00C4	00C0	00C1	00C3	00C5	00C7	00D1	00A6	002C	0025	005F	003E	003F
-	/	Â	Ä	À	Á	Ã	Å	Ç	Ñ	!	,	%	_	>	?
00F8	00C9	00CA	00CB	00C8	00CD	00CE	00CF	00CC	0060	003A	0023	0040	0027	003D	0022
ø	É	Ê	Ë	È	Í	Î	Ï	Ì	`	:	#	@	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	00F0	00FD	00FE	00B1
Ø	a	b	c	d	e	f	g	h	i	«	»	ð	ý	þ	±
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	00E6	00B8	00C6	00A4
°	j	k	l	m	n	o	p	q	r	ª	º	æ	,	Æ	α
00B5	007E	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	00D0	00DD	00DE	00AE
μ	~	s	t	u	v	w	x	y	z	ı	ı	Đ	Ý	Þ	®
00A2	00A3	00A5	00B7	00A9	00A7	00B6	00BC	00BD	00BE	00AC	007C	00AF	00A8	00B4	00D7
¢	£	¥	·	©	§	¶	¼	½	¾	¬	|	-	¨	´	×
007B	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	00F6	00F2	00F3	00F5
{	A	B	C	D	E	F	G	H	I	[SHY]	ô	ö	ò	ó	õ
007D	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	00FC	00F9	00FA	00FF
}	J	K	L	M	N	O	P	Q	R	¹	û	ü	ù	ú	ÿ
005C	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	00D6	00D2	00D3	00D5
\	÷	S	T	U	V	W	X	Y	Z	²	Ô	Ö	Ò	Ó	Õ
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	00DC	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	Ü	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 871 ICELAND EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	00E4	00E0	00E1	00E3	00E5	00E7	00F1	00DE	002E	003C	0028	002B	0021
[SP]	[NBS]	â	ä	à	á	ã	å	ç	ñ	þ	.	<	(+	!
0026	00E9	00EA	00EB	00E8	00ED	00EE	00EF	00EC	00DF	00C6	0024	002A	0029	003B	00D6
&	é	ê	ë	è	í	î	ï	ì	ß	Æ	\$	*	)	;	Ö
002D	002F	00C2	00C4	00C0	00C1	00C3	00C5	00C7	00D1	00A6	002C	0025	005F	003E	003F
-	/	Â	Ä	À	Á	Ã	Å	Ç	Ñ	!	,	%	_	>	?
00F8	00C9	00CA	00CB	00C8	00CD	00CE	00CF	00CC	00F0	003A	0023	00D0	0027	003D	0022
ø	É	Ê	Ë	È	Í	Î	Ï	Ì	ð	:	#	Ð	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	0060	00FD	007B	00B1
Ø	a	b	c	d	e	f	g	h	i	«	»	`	ý	{	±
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	007D	00B8	005D	00A4
°	j	k	l	m	n	o	p	q	r	ª	º	}	,]	¤
00B5	00F6	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	0040	00DD	005B	00AE
µ	ö	s	t	u	v	w	x	y	z	ı	¿	@	Ý	[®
00A2	00A3	00A5	00B7	00A9	00A7	00B6	00BC	00BD	00BE	00AC	007C	00AF	00A8	005C	00D7
¢	£	¥	·	©	§	¶	¼	½	¾	¬	|	¯	¨	\	×
00FE	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	007E	00F2	00F3	00F5
þ	A	B	C	D	E	F	G	H	I	[SHY]	ô	~	ò	ó	õ
00E6	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	00FC	00F9	00FA	00FF
æ	J	K	L	M	N	O	P	Q	R	¹	û	ü	ù	ú	ÿ
00B4	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	005E	00D2	00D3	00D5
´	÷	S	T	U	V	W	X	Y	Z	²	Ô	^	Ò	Ó	Õ
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	00DC	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	Ü	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT

STD

IBM | 1047 OPEN SYSTEMS EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	00E2	00E4	00E0	00E1	00E3	00E5	00E7	00F1	00A2	002E	003C	0028	002B	007C
[SP]	[NBS]	â	ä	à	á	ã	å	ç	ñ	¢	.	<	(	+	|
0026	00E9	00EA	00EB	00E8	00ED	00EE	00EF	00EC	00DF	0021	0024	002A	0029	003B	005E
&	é	ê	ë	è	í	î	ï	ì	ß	!	\$	*)	;	^
002D	002F	00C2	00C4	00C0	00C1	00C3	00C5	00C7	00D1	00A6	002C	0025	005F	003E	003F
-	/	Â	Ä	À	Á	Ã	Å	Ç	Ñ	¡	,	%	_	>	?
00F8	00C9	00CA	00CB	00C8	00CD	00CE	00CF	00CC	0060	003A	0023	0040	0027	003D	0022
ø	É	Ê	Ë	È	Í	Î	Ï	Ì	`	:	#	@	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	00F0	00FD	00FE	00B1
Ø	a	b	c	d	e	f	g	h	i	«	»	ð	ý	þ	±
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	00AA	00BA	00E6	00B8	00C6	00A4
°	j	k	l	m	n	o	p	q	r	ª	º	æ	,	Æ	α
00B5	007E	0073	0074	0075	0076	0077	0078	0079	007A	00A1	00BF	00D0	005B	00DE	00AE
μ	~	s	t	u	v	w	x	y	z	ı	ı	Ð	[	þ	®
00AC	00A3	00A5	00B7	00A9	00A7	00B6	00BC	00BD	00BE	00DD	00A8	00AF	005D	00B4	00D7
¬	£	¥	·	©	§	¶	¼	½	¾	Ý	¨	-]	'	×
007B	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	00F4	00F6	00F2	00F3	00F5
{	A	B	C	D	E	F	G	H	I	[SHY]	ô	ö	ò	ó	õ
007D	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	00FB	00FC	00F9	00FA	00FF
}	J	K	L	M	N	O	P	Q	R	¹	û	ü	ù	ú	ÿ
005C	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00D4	00D6	00D2	00D3	00D5
\	÷	S	T	U	V	W	X	Y	Z	²	Ô	Ö	Ò	Ó	Õ
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00DB	00DC	00D9	00DA	009F
0	1	2	3	4	5	6	7	8	9	³	Û	Ü	Ù	Ú	[APC]

SECTION C
LANGUAGE
SUPPORT



WINDOWS | 1250 EASTERN EUROPEAN

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
20AC	####	201A	####	201E	2026	2020	2021	####	2030	0160	2039	015A	0164	017D	0179
€		,		„	…	†	‡		‰	Š	<	Ś	Ť	Ž	Ž
####	2018	2019	201C	201D	2022	2013	2014	####	2122	0161	203A	015B	0165	017E	017A
	‘	’	“	”	•	-	—		™	š	>	ś	ť	ž	ž
00A0	02C7	02D8	0141	00A4	0104	00A6	00A7	00A8	00A9	015E	00AB	00AC	00AD	00AE	017B
[NBS]	˘	˘	ł	Ꞥ	Ą	ı	§	¨	©	Ş	«	¬	[SHY]	®	Ž
00B0	00B1	02DB	0142	00B4	00B5	00B6	00B7	00B8	0105	015F	00BB	013D	02DD	013E	017C
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0154	00C1	00C2	0102	00C4	0139	0106	00C7	010C	00C9	0118	00CB	011A	00CD	00CE	010E
Ŕ	Á	Â	Ă	Ä	Í	Ć	Ç	Č	É	Ę	Ë	Ě	Í	Î	Ď
0110	0143	0147	00D3	00D4	0150	00D6	00D7	0158	016E	00DA	0170	00DC	00DD	0162	00DF
Đ	Ń	Ň	Ó	Ô	Õ	Ö	×	Ř	Ů	Ú	Ú	Ü	Ý	Ť	ß
0155	00E1	00E2	0103	00E4	013A	0107	00E7	010D	00E9	0119	00EB	011B	00ED	00EE	010F
ř	á	â	ă	ä	í	ć	ç	č	é	ę	ë	ě	í	î	d'
0111	0144	0148	00F3	00F4	0151	00F6	00F7	0159	016F	00FA	0171	00FC	00FD	0163	02D9
đ	ń	ň	ó	ô	õ	ö	÷	ř	ů	ú	ú	ü	ý	ț	·

SECTION C
LANGUAGE
SUPPORT



WINDOWS | 1254 TURKISH

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
20AC	####	201A	0192	201E	2026	2020	2021	02C6	2030	0160	2039	0152	####	####	####
€		,	f	„	...	†	‡	^	%o	Š	<	Œ			
####	2018	2019	201C	201D	2022	2013	2014	02DC	2122	0161	203A	0153	####	####	0178
	‘	’	“	”	•	-	—	~	™	š	>	œ			ÿ
00A0	00A1	00A2	00A3	00A4	00A5	00A6	00A7	00A8	00A9	00AA	00AB	00AC	00AD	00AE	00AF
[NBS]	ı	¢	£	¤	¥	¦	§	¨	©	ª	«	¬	[SHY]	®	¯
00B0	00B1	00B2	00B3	00B4	00B5	00B6	00B7	00B8	00B9	00BA	00BB	00BC	00BD	00BE	00BF
°	±	²	³	´	µ	¶	·	,	¹	º	»	¼	½	¾	¿
00C0	00C1	00C2	00C3	00C4	00C5	00C6	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
011E	00D1	00D2	00D3	00D4	00D5	00D6	00D7	00D8	00D9	00DA	00DB	00DC	0130	015E	00DF
Ĝ	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	ı	Ş	ß
00E0	00E1	00E2	00E3	00E4	00E5	00E6	00E7	00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF
à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
011F	00F1	00F2	00F3	00F4	00F5	00F6	00F7	00F8	00F9	00FA	00FB	00FC	0131	015F	00FF
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SECTION C
LANGUAGE
SUPPORT



WINDOWS | 1257 BALTIC

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
20AC	####	201A	####	201E	2026	2020	2021	####	2030	####	2039	####	00A8	02C7	00B8
€		,		„	…	†	‡		‰		<		..	˘	˙
####	2018	2019	201C	201D	2022	2013	2014	####	2122	####	203A	####	00AF	02DB	####
	‘	’	“	”	•	-	—		™		>		—	ˆ	
00A0	####	00A2	00A3	00A4	####	00A6	00A7	00D8	00A9	0156	00AB	00AC	00AD	00AE	00C6
[NBS]		¢	£	¤		¦	§	ø	©	®	«	¬	[SHY]	®	Æ
00B0	00B1	00B2	00B3	00B4	00B5	00B6	00B7	00F8	00B9	0157	00BB	00BC	00BD	00BE	00E6
°	±	²	³	´	µ	¶	·	ø	¹	²	»	¼	½	¾	æ
0104	012E	0100	0106	00C4	00C5	0118	0112	010C	00C9	0179	0116	0122	0136	012A	013B
Ą	Į	Ā	Ć	Ä	Å	Ę	Ē	Č	É	Ž	È	Ġ	Ķ	Ī	Ļ
0160	0143	0145	00D3	014C	00D5	00D6	00D7	0172	0141	015A	016A	00DC	017B	017D	00DF
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0105	012F	0101	0107	00E4	00E5	0119	0113	010D	00E9	017A	0117	0123	0137	012B	013C
ą	į	ā	ć	ä	å	ę	ē	č	é	ž	è	ğ	ķ	ī	ļ
0161	0144	0146	00F3	014D	00F5	00F6	00F7	0173	0142	015B	016B	00FC	017C	017E	02D9
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SECTION C
LANGUAGE
SUPPORT



MAC OS | CENTRAL EUROPE

0000	####	0002	####	####	####	####	####	####	####	0009	000A	####	####	000D	####	####
[NUL]		[STX]								[HT]	[LF]			[CR]		
####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F	
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/	
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F	
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?	
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F	
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F	
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_	
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F	
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	####	
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~		
00C4	0100	0101	00C9	0104	00D6	00DC	00E1	0105	010C	00E4	010D	0106	0107	00E9	0179	
Ä	Å	ā	É	Ą	Ö	Ü	á	ą	Č	ä	č	Ć	ć	é	Ž	
017A	010E	00ED	010F	0112	0113	0116	00F3	0117	00F4	00F6	00F5	00FA	011A	011B	00FC	
ź	Ď	í	d'	Ě	ē	Ě	ó	è	ô	ö	õ	ú	ě	ě	ü	
2020	00B0	0118	00A3	00A7	2022	00B6	00DF	00AE	00A9	2122	0119	00A8	0110	0123	012E	
†	°	Ę	£	§	•	¶	ß	®	©	™	ę	¨	Đ	ğ	ı	
012F	012A	2264	2265	012B	0136	0111	2211	0142	013B	013C	013D	013E	0139	013A	0145	
ı	Ī	≤	≥	ī	Ɔ	đ	Σ	†	Ł	ı	Ł	ı	Ł	ı	Ł	ı
0146	0143	00AC	221A	0144	0147	2206	00AB	00BB	2026	00A0	0148	0150	00D5	0151	014C	
η	Ń	¬	√	ń	Ń	Δ	«	»	...	[NBSP]	ň	Ó	Õ	ó	Ō	
2013	2014	201C	201D	2018	2019	00F7	25CA	014D	0154	0155	0158	2039	203A	0159	0156	
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0157	0160	201A	201E	0161	015A	015B	00C1	0164	0165	00CD	017D	017E	016A	00D3	00D4	
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016B	016E	00DA	016F	0170	0171	0172	0173	00DD	00FD	0137	017B	0141	017C	0122	02C7	
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SECTION C
LANGUAGE
SUPPORT



MAC OS | CROATIAN

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
00C4	00C5	00C7	00C9	00D1	00D6	00DC	00E1	00E0	00E2	00E4	00E3	00E5	00E7	00E9	00E8
Ä	Å	Ç	É	Ñ	Ö	Ü	á	à	â	ä	ã	å	ç	é	è
00EA	00EB	00ED	00EC	00EE	00EF	00F1	00F3	00F2	00F4	00F6	00F5	00FA	00F9	00FB	00FC
ê	ë	í	ì	î	ï	ñ	ó	ò	ô	ö	õ	ú	ù	û	ü
2020	00B0	00A2	00A3	00A7	2022	00B6	00DF	00AE	0160	2122	00B4	00A8	2260	017D	00D8
†	°	¢	£	§	•	¶	ß	®	Š	™	´	¨	≠	Ž	Ø
221E	00B1	2264	2265	2206	00B5	2202	2211	220F	0161	222B	00AA	00BA	2126	017E	00F8
∞	±	≤	≥	Δ	μ	∂	Σ	Π	š	ƒ	ª	º	Ω	ž	ø
00BF	00A1	00AC	221A	0192	2248	0106	00AB	010C	2026	00A0	00C0	00C3	00D5	0152	0153
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0110	2014	201C	201D	2018	2019	00F7	25CA	F8FF	00A9	2044	00A4	2039	203A	00C6	00BB
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2013	00B7	201A	201E	2030	00C2	0107	00C1	010D	00C8	00CD	00CE	00CF	00CC	00D3	00D4
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0111	00D2	00DA	00DB	00D9	0131	02C6	02DC	00AF	03C0	00CB	02DA	00B8	00CA	00E6	02C7
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SECTION C
LANGUAGE
SUPPORT



MAC OS | ROMANIAN

####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	####
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	
00C4	00C5	00C7	00C9	00D1	00D6	00DC	00E1	00E0	00E2	00E4	00E3	00E5	00E7	00E9	00E8
Ä	Å	Ç	É	Ñ	Ö	Ü	á	à	â	ä	ã	å	ç	é	è
00EA	00EB	00ED	00EC	00EE	00EF	00F1	00F3	00F2	00F4	00F6	00F5	00FA	00F9	00FB	00FC
ê	ë	í	ì	î	ï	ñ	ó	ò	ô	ö	õ	ú	ù	û	ü
2020	00B0	00A2	00A3	00A7	2022	00B6	00DF	00AE	00A9	2122	00B4	00A8	2260	0102	0218
†	°	¢	£	§	•	¶	ß	®	©	™	´	¨	≠	Ă	Ș
221E	00B1	2264	2265	00A5	00B5	2202	2211	220F	03C0	222B	00AA	00BA	03A9	0103	0219
∞	±	≤	≥	¥	μ	∂	Σ	Π	π	∫	ª	º	Ω	ă	ș
00BF	00A1	00AC	221A	0192	2248	2206	00AB	00BB	2026	00A0	00C0	00C3	00D5	0152	0153
¿	¡	¬	√	f	≈	Δ	«	»	...	[NBSP]	À	Ã	Õ	Œ	œ
2013	2014	201C	201D	2018	2019	00F7	25CA	00FF	0178	2044	20AC	2039	203A	021A	021B
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2021	00B7	201A	201E	2030	00C2	00CA	00C1	00CB	00C8	00CD	00CE	00CF	00CC	00D3	00D4
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F8FF	00D2	00DA	00DB	00D9	0131	02C6	02DC	00AF	02D8	02D9	02DA	00B8	02DD	02DB	02C7
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SECTION C
LANGUAGE
SUPPORT



MAC OS | TURKISH

0000	###	0002	###	###	###	###	###	###	###	0009	000A	###	###	000D	###	###
[NUL]		[STX]								[HT]	[LF]			[CR]		
###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F	
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/	
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F	
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?	
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F	
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F	
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_	
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F	
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	###	
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~		
00C4	00C5	00C7	00C9	00D1	00D6	00DC	00E1	00E0	00E2	00E4	00E3	00E5	00E7	00E9	00E8	
Ä	Å	Ç	É	Ñ	Ö	Ü	á	à	â	ä	ã	å	ç	é	è	
00EA	00EB	00ED	00EC	00EE	00EF	00F1	00F3	00F2	00F4	00F6	00F5	00FA	00F9	00FB	00FC	
ê	ë	í	ì	î	ï	ñ	ó	ò	ô	ö	õ	ú	ù	û	ü	
2020	00B0	00A2	00A3	00A7	2022	00B6	00DF	00AE	00A9	2122	00B4	00A8	2260	00C6	00D8	
†	°	¢	£	§	•	¶	ß	®	©	™	´	¨	≠	Æ	Ø	
221E	00B1	2264	2265	00A5	00B5	2202	2211	220F	03C0	222B	00AA	00BA	03A9	00E6	00F8	
∞	±	≤	≥	¥	μ	∂	Σ	Π	π	∫	ª	º	Ω	æ	ø	
00BF	00A1	00AC	221A	0192	2248	2206	00AB	00BB	2026	00A0	00C0	00C3	00D5	0152	0153	
¿	¡	¬	√	ƒ	≈	Δ	«	»	…	[NBSP]	À	Ã	Õ	Œ	œ	
2013	2014	201C	201D	2018	2019	00F7	25CA	00FF	0178	011E	011F	0130	0131	015E	015F	
-	—	“	”	‘	’	÷	◊	ÿ	ÿ	Č	č	ı	ı	Ş	ş	
2021	00B7	201A	201E	2030	00C2	00CA	00C1	00CB	00C8	00CD	00CE	00CF	00CC	00D3	00D4	
‡	·	,	„	‰	Â	Ê	Á	Ë	È	Í	Î	Ï	Ì	Ó	Ô	
F8FF	00D2	00DA	00DB	00D9	F8A0	02C6	02DC	00AF	02D8	02D9	02DA	00B8	02DD	02DB	02C7	
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SECTION C
LANGUAGE
SUPPORT



ISO | 8859-2 LATIN 2 CENTRAL EUROPE

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	0104	02D8	0141	00A4	013D	015A	00A7	00A8	0160	015E	0164	0179	00AD	017D	017B
[NBS]	Ą	˘	Ł	ł	Ł	Ś	ś	˙	Š	š	Ť	ť	[SHY]	Ž	ž
00B0	0105	02DB	0142	00B4	013E	015B	02C7	00B8	0161	015F	0165	017A	02DD	017E	017C
°	ą	˘	ł	ł	Ł	Ś	˙	š	š	ť	ť	ž	ž	ž	ž
0154	00C1	00C2	0102	00C4	0139	0106	00C7	010C	00C9	0118	00CB	011A	00CD	00CE	010E
Ř	Á	Â	Ǻ	Ǻ	Ĺ	Ć	Ç	Č	É	Ę	Ě	Ě	Í	Î	Ď
0110	0143	0147	00D3	00D4	0150	00D6	00D7	0158	016E	00DA	0170	00DC	00DD	0162	00DF
Đ	Ń	Ň	Ó	Ô	Õ	Ö	×	Ř	Ů	Ú	Ú	Ü	Ý	Ť	ß
0155	00E1	00E2	0103	00E4	013A	0107	00E7	010D	00E9	0119	00EB	011B	00ED	00EE	010F
ř	á	â	ǻ	ǻ	ĺ	ć	ç	č	é	ę	ě	ě	í	î	d'
0111	0144	0148	00F3	00F4	0151	00F6	00F7	0159	016F	00FA	0171	00FC	00FD	0163	02D9
đ	ń	ň	ó	ô	õ	ö	÷	ř	ů	ú	ú	ü	ý	ť	·

SECTION C
LANGUAGE
SUPPORT



ISO | 8859-3 TU, MALT, GAL, ESP LATIN 3

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	0126	02D8	00A3	00A4	####	0124	00A7	00A8	0130	015E	011E	0134	00AD	####	017B
[NBS]	Ħ	˘	£	¤		Ĥ	§	¨	ı	ş	č	ĵ	[SHY]		ž
00B0	0127	00B2	00B3	00B4	00B5	0125	00B7	00B8	0131	015F	011F	0135	00BD	####	017C
°	ħ	ˆ	˚	´	µ	ĥ	·	,	ı	ş	ǧ	ĵ	½		ž
00C0	00C1	00C2	####	00C4	010A	0108	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
À	Á	Â		Ä	Ć	Ĉ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
####	00D1	00D2	00D3	00D4	0120	00D6	00D7	011C	00D9	00DA	00DB	00DC	016C	015C	00DF
	Ñ	Ò	Ó	Ô	Ĝ	Ö	×	Ĝ	Ù	Ú	Û	Ü	Ů	Ŝ	ß
00E0	00E1	00E2	####	00E4	010B	0109	00E7	00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF
à	á	â		ä	ć	ĉ	ç	è	é	ê	ë	ì	í	î	ï
####	00F1	00F2	00F3	00F4	0121	00F6	00F7	011D	00F9	00FA	00FB	00FC	016D	015D	02D9
	ñ	ò	ó	ô	ğ	ö	÷	ĝ	ù	ú	û	ü	ů	ŝ	·

SECTION C
LANGUAGE
SUPPORT



ISO | 8859-9 W EU+TURKISH LATIN 5

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	00A1	00A2	00A3	00A4	00A5	00A6	00A7	00A8	00A9	00AA	00AB	00AC	00AD	00AE	00AF
[NBSPL]	ı	¢	£	¤	¥	¦	§	¨	©	ª	«	¬	[SHY]	®	¯
00B0	00B1	00B2	00B3	00B4	00B5	00B6	00B7	00B8	00B9	00BA	00BB	00BC	00BD	00BE	00BF
°	±	²	³	´	µ	¶	·	,	¹	º	»	¼	½	¾	¿
00C0	00C1	00C2	00C3	00C4	00C5	00C6	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
011E	00D1	00D2	00D3	00D4	00D5	00D6	00D7	00D8	00D9	00DA	00DB	00DC	0130	015E	00DF
Ĝ	Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	ı	Ş	ß
00E0	00E1	00E2	00E3	00E4	00E5	00E6	00E7	00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF
à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
011F	00F1	00F2	00F3	00F4	00F5	00F6	00F7	00F8	00F9	00FA	00FB	00FC	0131	015F	00FF
ğ	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ı	ş	ÿ

SECTION C
LANGUAGE
SUPPORT



ISO | 8859-13 BALTIC LATIN 7

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	201D	00A2	00A3	00A4	201E	00A6	00A7	00D8	00A9	0156	00AB	00AC	00AD	00AE	00C6
[NBS]	"	¢	£	¤	„	ı	§	Ø	©	Ŕ	«	¬	[SHY]	®	Æ
00B0	00B1	00B2	00B3	201C	00B5	00B6	00B7	00F8	00B9	0157	00BB	00BC	00BD	00BE	00E6
°	±	²	³	“	µ	¶	·	ø	¹	ŕ	»	¼	½	¾	æ
0104	012E	0100	0106	00C4	00C5	0118	0112	010C	00C9	0179	0116	0122	0136	012A	013B
Ą	Į	Ā	Ć	Ä	Å	Ę	Ē	Č	É	Ž	È	Ġ	Ķ	Ī	Ļ
0160	0143	0145	00D3	014C	00D5	00D6	00D7	0172	0141	015A	016A	00DC	017B	017D	00DF
Š	Ń	Ņ	Ó	Ō	Õ	Ö	×	Ų	Ł	Ś	Ū	Ü	Ž	Ž	ß
0105	012F	0101	0107	00E4	00E5	0119	0113	010D	00E9	017A	0117	0123	0137	012B	013C
ą	į	ā	ć	ä	å	ę	ē	č	é	ž	è	ġ	ķ	ī	ļ
0161	0144	0146	00F3	014D	00F5	00F6	00F7	0173	0142	015B	016B	00FC	017C	017E	2019
š	ń	ņ	ó	ō	õ	ö	÷	ų	ł	ś	ū	ü	ž	ž	'

SECTION C
LANGUAGE
SUPPORT



ISO | 8859-16 SOUTHEAST EUROPE LATIN 10

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	0104	0105	0141	20AC	201E	0160	00A7	0161	00A9	0218	00AB	0179	00AD	017A	017B
[NBS]	À	á	â	ã	ä	å	„	š	š	š	©	§	«	Ž	[SHY] ž Ž
00B0	00B1	010C	0142	017D	201D	00B6	00B7	017E	010D	0219	00BB	0152	0153	0178	017C
°	±	Č	ł	Ž	”	¶	·	ž	č	ş	»	Œ	œ	ÿ	ž
00C0	00C1	00C2	0102	00C4	0106	00C6	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
0110	0143	00D2	00D3	00D4	0150	00D6	015A	0170	00D9	00DA	00DB	00DC	0118	021A	00DF
Ð	Ñ	Ò	Ó	Ô	Õ	Ö	Š	Ú	Û	Û	Û	Ü	Ë	Ť	ß
00E0	00E1	00E2	0103	00E4	0107	00E6	00E7	00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF
à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
0111	0144	00F2	00F3	00F4	0151	00F6	015B	0171	00F9	00FA	00FB	00FC	0119	021B	00FF
đ	ñ	ò	ó	ô	õ	ö	š	ú	û	ú	û	ü	ę	ț	ÿ

SECTION C
LANGUAGE
SUPPORT



IBM | 921 BALTIC

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	201D	00A2	00A3	00A4	201E	00A6	00A7	00D8	00A9	0156	00AB	00AC	00AD	00AE	00C6
[NBS]	"	¢	£	¤	„	¡	§	Ø	©	®	«	¬	[SHY]	®	Æ
00B0	00B1	00B2	00B3	201C	00B5	00B6	00B7	00F8	00B9	0157	00BB	00BC	00BD	00BE	00E6
°	±	²	³	“	µ	¶	·	ø	¹	ı	»	¼	½	¾	æ
0104	012E	0100	0106	00C4	00C5	0118	0112	010C	00C9	0179	0116	0122	0136	012A	013B
Ą	Į	Ā	Ć	Ä	Å	Ę	Ē	Č	É	Ž	È	Ġ	Ķ	Ī	Ļ
0160	0143	0145	00D3	014C	00D5	00D6	00D7	0172	0141	015A	016A	00DC	017B	017D	00DF
Š	Ń	Ņ	Ó	Ō	Õ	Ö	×	Ų	Ł	Ś	Ū	Ü	Ž	Ž	ß
0105	012F	0101	0107	00E4	00E5	0119	0113	010D	00E9	017A	0117	0123	0137	012B	013C
ą	į	ā	ć	ä	å	ę	ē	č	é	ž	è	ğ	ķ	ī	ļ
0161	0144	0146	00F3	014D	00F5	00F6	00F7	0173	0142	015B	016B	00FC	017C	017E	2019
š	ń	ņ	ó	ō	õ	ö	÷	ų	ł	ś	ū	ü	ž	ž	'

SECTION C
LANGUAGE
SUPPORT



IBM | 922 ESTONIA

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	00A1	00A2	00A3	00A4	00A5	00A6	00A7	00A8	00A9	00AA	00AB	00AC	00AD	00AE	203E
[NBSPL]	ı	¢	£	¤	¥	¦	§	¨	©	ª	«	¬	[SHY]	®	¯
00B0	00B1	00B2	00B3	00B4	00B5	00B6	00B7	00B8	00B9	00BA	00BB	00BC	00BD	00BE	00BF
°	±	²	³	´	µ	¶	·	,	¹	º	»	¼	½	¾	¿
00C0	00C1	00C2	00C3	00C4	00C5	00C6	00C7	00C8	00C9	00CA	00CB	00CC	00CD	00CE	00CF
À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
0160	00D1	00D2	00D3	00D4	00D5	00D6	00D7	00D8	00D9	00DA	00DB	00DC	00DD	017D	00DF
Š	Ń	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý	Ž	ß
00E0	00E1	00E2	00E3	00E4	00E5	00E6	00E7	00E8	00E9	00EA	00EB	00EC	00ED	00EE	00EF
à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
0161	00F1	00F2	00F3	00F4	00F5	00F6	00F7	00F8	00F9	00FA	00FB	00FC	00FD	017E	00FF
š	ñ	ò	ó	ô	õ	ö	÷	ø	ù	ú	û	ü	ý	ž	ÿ

SECTION C
LANGUAGE
SUPPORT



IBM | 1112 BALTIC EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F	
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]	
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F	
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]	
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007	
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]	
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A	
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]	
0020	00A0	0161	00E4	0105	012F	016B	00E5	0113	017E	00A2	002E	003C	0028	002B	007C	
[SP]	[NBS]	š	ä	ą	į	ū	ą	ē	ž	¢	.	<	(	+	|
0026	00E9	0119	0117	010D	0173	201E	201C	0123	00DF	0021	0024	002A	0029	003B	00AC	
&	é	ę	è	č	ų	„	“	ğ	ß	!	\$	*)	;	¬	
002D	002F	0160	00C4	0104	012E	016A	00C5	0112	017D	00A6	002C	0025	005F	003E	003F	
-	/	Š	Ä	Ą	Į	Ū	Ą	Ē	Ž	!	,	%	_	>	?	
00F8	00C9	0118	0116	010C	0172	012A	013B	0122	0060	003A	0023	0040	0027	003D	0022	
ø	É	Ę	È	Č	Ų	Į	Ū	Ā	Ģ	`	:	#	@	'	=	"
00D8	0061	0062	0063	0064	0065	0066	0067	0068	0069	00AB	00BB	0101	017C	0144	00B1	
Ø	a	b	c	d	e	f	g	h	i	«	»	ā	ž	ń	±	
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	0156	0157	00E6	0137	00C6	00A4	
°	j	k	l	m	n	o	p	q	r	Ŕ	ŕ	æ	ķ	Æ	α	
00B5	007E	0073	0074	0075	0076	0077	0078	0079	007A	201D	017A	0100	017B	0143	00AE	
μ	~	s	t	u	v	w	x	y	z	”	ž	Ā	Ž	Ń	®	
005E	00A3	012B	00B7	00A9	00A7	00B6	00BC	00BD	00BE	005B	005D	0179	0136	013C	00D7	
^	£	ī	·	©	§	¶	¼	½	¾	[	]	Ž	Ķ	Į	×
007B	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	014D	00F6	0146	00F3	00F5	
{	A	B	C	D	E	F	G	H	I	[SHY]	ō	ö	ŋ	ó	õ	
007D	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B9	0107	00FC	0142	015B	2019	
}	J	K	L	M	N	O	P	Q	R	1	ć	ü	ł	ś	'	
005C	00F7	0053	0054	0055	0056	0057	0058	0059	005A	00B2	014C	00D6	0145	00D3	00D5	
\	÷	S	T	U	V	W	X	Y	Z	2	ō	ö	ŋ	ó	õ	
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	0106	00DC	0141	015A	009F	
0	1	2	3	4	5	6	7	8	9	3	Ć	Ü	Ł	Ś	[APC]	

SECTION C
LANGUAGE
SUPPORT



ISO | 8859-4 BALTIC LATIN 6

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	0104	0138	0156	00A4	0128	013B	00A7	00A8	0160	0112	0122	0166	00AD	017D	00AF
[NBS]	Ą	ą	Ų	ų	Į	į	Š	š	Ē	ē	Ģ	ģ	[SHY]	Ž	ž
00B0	0105	02DB	0157	00B4	0129	013C	02C7	00B8	0161	0113	0123	0167	014A	017E	014B
°	ą	ć	ŕ	´	ĩ	ı	˘	˙	š	ē	ģ	ķ	Ņ	ž	ŋ
0100	00C1	00C2	00C3	00C4	00C5	00C6	012E	010C	00C9	0118	00CB	0116	00CD	00CE	012A
Ā	Á	Â	Ã	Ä	Å	Æ	Į	Č	É	Ę	Ě	È	Í	Î	Ī
0110	0145	014C	0136	00D4	00D5	00D6	00D7	00D8	0172	00DA	00DB	00DC	0168	016A	00DF
Ð	Ņ	Ō	Ķ	Ô	Õ	Ö	×	Ø	Ų	Ú	Û	Ü	Ũ	Ū	ß
0101	00E1	00E2	00E3	00E4	00E5	00E6	012F	010D	00E9	0119	00EB	0117	00ED	00EE	012B
ā	á	â	ã	ä	å	æ	ı	č	é	ę	ě	è	í	î	ī
0111	0146	014D	0137	00F4	00F5	00F6	00F7	00F8	0173	00FA	00FB	00FC	0169	016B	02D9
đ	ņ	ō	ķ	ô	õ	ö	÷	ø	ų	ú	û	ü	ũ	ū	·

SECTION C
LANGUAGE
SUPPORT



ISO | 8859-10 SCANDINAVIAN LATIN 6

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	0104	0112	0122	012A	0128	0136	00A7	013B	0110	0160	0166	017D	00AD	016A	014A
[NBSP]	À	Ē	Ç	Ī	Ĩ	Ķ	Š	Ł	Đ	Š	ƒ	Ž	[SHY]	Ū	Ŋ
00B0	0105	0113	0123	012B	0129	0137	00B7	013C	0111	0161	0167	017E	2015	016B	014B
°	ą	ē	ǵ	ī	ĩ	ķ	·	ł	đ	š	ƒ	ž	—	ū	ŋ
0100	00C1	00C2	00C3	00C4	00C5	00C6	012E	010C	00C9	0118	00CB	0116	00CD	00CE	00CF
Ā	Á	Â	Ã	Ä	Å	Æ	Į	Č	É	Ę	Ë	È	Í	Î	Ï
00D0	0145	014C	00D3	00D4	00D5	00D6	0168	00D8	0172	00DA	00DB	00DC	00DD	00DE	00DF
Ð	Ŋ	Ō	Ó	Ô	Õ	Ö	Ū	Ø	Ų	Ú	Û	Ü	Ý	Ɔ	ß
0101	00E1	00E2	00E3	00E4	00E5	00E6	012F	010D	00E9	0119	00EB	0117	00ED	00EE	00EF
ā	á	â	ã	ä	å	æ	į	č	é	ę	ë	è	í	î	ï
00F0	0146	014D	00F3	00F4	00F5	00F6	0169	00F8	0173	00FA	00FB	00FC	00FD	00FE	0138
ð	ŋ	ō	ó	ô	õ	ö	ū	ø	ų	ú	û	ü	ý	Ɔ	κ

SECTION C
LANGUAGE
SUPPORT



WINDOWS | 1253 GREEK

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
20AC	####	201A	0192	201E	2026	2020	2021	####	2030	####	2039	####	####	####	####
€		,	f	„	…	†	‡		%o		<				
####	2018	2019	201C	201D	2022	2013	2014	####	2122	####	203A	####	####	####	####
	‘	’	“	”	•	-	—		™		>				
00A0	0385	0386	00A3	00A4	00A5	00A6	00A7	00A8	00A9	####	00AB	00AC	00AD	00AE	2015
[NBSPL]	™	’A	£	¤	¥	¦	§	¨	©		«	¬	[SHY]	®	—
00B0	00B1	00B2	00B3	0384	00B5	00B6	00B7	0388	0389	038A	00BB	038C	00BD	038E	038F
°	±	²	³	´	µ	¶	·	¸	¹	º	»	¼	½	¾	Ω
0390	0391	0392	0393	0394	0395	0396	0397	0398	0399	039A	039B	039C	039D	039E	039F
ı	Α	Β	Γ	Δ	Ε	Ζ	Η	Θ	Ι	Κ	Λ	Μ	Ν	Ξ	Ο
03A0	03A1	####	03A3	03A4	03A5	03A6	03A7	03A8	03A9	03AA	03AB	03AC	03AD	03AE	03AF
Π	Ρ		Σ	Τ	Υ	Φ	Χ	Ψ	Ω	İ	ÿ	ά	έ	ή	ί
03B0	03B1	03B2	03B3	03B4	03B5	03B6	03B7	03B8	03B9	03BA	03BB	03BC	03BD	03BE	03BF
Û	α	β	γ	δ	ε	ζ	η	θ	ι	κ	λ	μ	ν	ξ	ο
03C0	03C1	03C2	03C3	03C4	03C5	03C6	03C7	03C8	03C9	03CA	03CB	03CC	03CD	03CE	####
π	ρ	ς	σ	τ	υ	φ	χ	ψ	ω	ï	ü	ó	ú	ώ	

SECTION C
LANGUAGE
SUPPORT



MAC OS | GREEK

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
00C4	00B9	00B2	00C9	00B3	00D6	00DC	0385	00E0	00E2	00E4	0384	00A8	00E7	00E9	00E8
Ä	1	2	É	3	Ö	Ü	™	à	â	ä	'	¨	ç	é	è
00EA	00EB	00A3	2122	00EE	00EF	2022	00BD	2030	00F4	00F6	00A6	00AD	00F9	00FB	00FC
ê	ë	£	™	î	ï	•	½	‰	ô	ö	¡	[SHY]	ù	û	ü
2020	0393	0394	0398	039B	039E	03A0	00DF	00AE	00A9	03A3	03AA	00A7	2260	00B0	0387
†	‡	Δ	Θ	Λ	Ξ	Π	Β	®	©	Σ	Ï	§	≠	°	·
0391	00B1	2264	2265	00A5	0392	0395	0396	0397	0399	039A	039C	03A6	03AB	03A8	03A9
À	±	≤	≥	¥	Β	Ε	Ζ	Η	Ι	Κ	Μ	Φ	Υ	Ψ	Ω
03AC	039D	00AC	039F	03A1	2248	03A4	00AB	00BB	2026	00A0	03A5	03A7	0386	0388	0153
Á	Ñ	¬	Ο	Ρ	≈	Τ	«	»	...	[NBSP]	Υ	Χ	Ά	Έ	æ
2013	2015	201C	201D	2018	2019	00F7	0389	038A	038C	038E	03AD	03AE	03AF	03CC	038F
-	—	“	”	‘	’	÷	‘	’	‘	’	é	ή	ί	ό	Ω
03CD	03B1	03B2	03C8	03B4	03B5	03C6	03B3	03B7	03B9	03BE	03BA	03BB	03BC	03BD	03BF
Ú	α	β	ψ	δ	ε	φ	γ	η	ι	ξ	κ	λ	μ	ν	ο
03C0	03CE	03C1	03C3	03C4	03B8	03C9	03C2	03C7	03C5	03B6	03CA	03CB	0390	03B0	00AD
π	ώ	ρ	σ	τ	θ	ω	ς	χ	υ	ζ	ϊ	ϋ	ϊ	ϋ	[SHY]

SECTION C
LANGUAGE
SUPPORT



ISO | 8859-7 GREEK

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	2018	2019	00A3	20AC	20AF	00A6	00A7	00A8	00A9	037A	00AB	00AC	00AD	----	2015
[NBSPL]	'	'	£	€	<i>Dp</i>	|	§	¨	©	¸	«	¬	[SHY]		—
00B0	00B1	00B2	00B3	0384	0385	0386	00B7	0388	0389	038A	00BB	038C	00BD	038E	038F
°	±	²	³	'	“	’	·	‘	’	ı	»	’	½	’	Ω
0390	0391	0392	0393	0394	0395	0396	0397	0398	0399	039A	039B	039C	039D	039E	039F
ı	Α	Β	Γ	Δ	Ε	Ζ	Η	Θ	Ι	Κ	Λ	Μ	Ν	Ξ	Ο
03A0	03A1	----	03A3	03A4	03A5	03A6	03A7	03A8	03A9	03AA	03AB	03AC	03AD	03AE	03AF
Π	Ρ		Σ	Τ	Υ	Φ	Χ	Ψ	Ω	İ	ÿ	ά	έ	ή	ί
03B0	03B1	03B2	03B3	03B4	03B5	03B6	03B7	03B8	03B9	03BA	03BB	03BC	03BD	03BE	03BF
ÿ	α	β	γ	δ	ε	ζ	η	θ	ι	κ	λ	μ	ν	ξ	ο
03C0	03C1	03C2	03C3	03C4	03C5	03C6	03C7	03C8	03C9	03CA	03CB	03CC	03CD	03CE	----
π	ρ	ς	σ	τ	υ	φ	χ	ψ	ω	ï	ÿ	ό	ύ	ώ	

SECTION C
LANGUAGE
SUPPORT



IBM | 875 GREECE EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	0391	0392	0393	0394	0395	0396	0397	0398	0399	005B	002E	003C	0028	002B	0021
[SP]	A	B	Γ	Δ	E	Z	H	Θ	I	[	.	<	(	+	!
0026	039A	039B	039C	039D	039E	039F	03A0	03A1	03A3	005D	0024	002A	0029	003B	005E
&	K	Λ	M	N	Ξ	O	Π	P	Σ]	\$	*)	;	^
002D	002F	03A4	03A5	03A6	03A7	03A8	03A9	03AA	03AB	007C	002C	0025	005F	003E	003F
-	/	T	Υ	Φ	X	Ψ	Ω	İ	ÿ	|	,	%	_	>	?
00A8	0386	0388	0389	00A0	038A	038C	038E	038F	0060	003A	0023	0040	0027	003D	0022
¨	À	É	È	[NBSP]	Ì	Ò	Û	Ô	Ö	:	#	@	'	=	"
0385	0061	0062	0063	0064	0065	0066	0067	0068	0069	03B1	03B2	03B3	03B4	03B5	03B6
ˆ	a	b	c	d	e	f	g	h	i	α	β	γ	δ	ε	ζ
00B0	006A	006B	006C	006D	006E	006F	0070	0071	0072	03B7	03B8	03B9	03BA	03BB	03BC
°	j	k	l	m	n	o	p	q	r	η	θ	ι	κ	λ	μ
00B4	007E	0073	0074	0075	0076	0077	0078	0079	007A	03BD	03BE	03BF	03C0	03C1	03C3
´	~	s	t	u	v	w	x	y	z	ν	ξ	ο	π	ρ	σ
00A3	03AC	03AD	03AE	03CA	03AF	03CC	03CD	03CB	03CE	03C2	03C4	03C5	03C6	03C7	03C8
£	ά	έ	ή	ï	í	ó	ú	ü	ώ	ς	τ	υ	φ	χ	ψ
007B	0041	0042	0043	0044	0045	0046	0047	0048	0049	00AD	03C9	0390	03B0	2018	2015
{	A	B	C	D	E	F	G	H	I	[SHY]	ω	ϊ	ϋ	‘	—
007D	004A	004B	004C	004D	004E	004F	0050	0051	0052	00B1	00BD	FFFF	0387	2019	00A6
}	J	K	L	M	N	O	P	Q	R	±	½	[---	·	’	¡
005C	FFFF	0053	0054	0055	0056	0057	0058	0059	005A	00B2	00A7	FFFF	FFFF	00AB	00AC
\	[---	S	T	U	V	W	X	Y	Z	²	§	[---	[---	«	¬
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	00B3	00A9	FFFF	FFFF	00BB	009F
0	1	2	3	4	5	6	7	8	9	³	©	[---	[---	»	[APC]

SECTION C
LANGUAGE
SUPPORT



WINDOWS | 1251 CYRILLIC

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0402	0403	201A	0453	201E	2026	2020	2021	20AC	2030	0409	2039	040A	040C	040B	040F
Ђ	Ѓ	,	Ѕ	„	…	†	‡	€	‰	Љ	<	Њ	Ќ	Ѝ	Ў
0452	2018	2019	201C	201D	2022	2013	2014	####	2122	0459	203A	045A	045C	045B	045F
ђ	‘	’	“	”	•	-	—		™	љ	>	њ	ќ	ћ	џ
00A0	040E	045E	0408	00A4	0490	00A6	00A7	0401	00A9	0404	00AB	00AC	00AD	00AE	0407
[NBSP]	Ў	ў	Ј	Ѡ	Ґ	Ҁ	§	Ё	©	€	«	¬	[SHY]	®	İ
00B0	00B1	0406	0456	0491	00B5	00B6	00B7	0451	2116	0454	00BB	0458	0405	0455	0457
°	±	І	і	ґ	μ	¶	·	ё	№	€	»	ј	ѕ	ѕ	ї
0410	0411	0412	0413	0414	0415	0416	0417	0418	0419	041A	041B	041C	041D	041E	041F
А	Б	В	Г	Д	Е	Ж	З	И	Й	К	Л	М	Н	О	П
0420	0421	0422	0423	0424	0425	0426	0427	0428	0429	042A	042B	042C	042D	042E	042F
Р	С	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы	Ь	Э	Ю	Я
0430	0431	0432	0433	0434	0435	0436	0437	0438	0439	043A	043B	043C	043D	043E	043F
а	б	в	г	д	е	ж	з	и	й	к	л	м	н	о	п
0440	0441	0442	0443	0444	0445	0446	0447	0448	0449	044A	044B	044C	044D	044E	044F
р	с	т	у	ф	х	ц	ч	ш	щ	ъ	ы	ь	э	ю	я

SECTION C
LANGUAGE
SUPPORT



MAC OS | CYRILLIC

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
р	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0410	0411	0412	0413	0414	0415	0416	0417	0418	0419	041A	041B	041C	041D	041E	041F
А	Б	В	Г	Д	Е	Ж	З	И	Й	К	Л	М	Н	О	П
0420	0421	0422	0423	0424	0425	0426	0427	0428	0429	042A	042B	042C	042D	042E	042F
Р	С	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы	Ь	Э	Ю	Я
2020	00B0	00A2	00A3	00A7	2022	00B6	0406	00AE	00A9	2122	0402	0452	2260	0403	0453
†	°	¢	£	§	•	¶	І	®	©	™	Ђ	ђ	≠	Ѓ	ѓ
221E	00B1	2264	2265	0456	00B5	2202	0408	0404	0454	0407	0457	0409	0459	040A	045A
∞	±	≤	≥	і	μ	∂	Ј	Є	є	Ї	ї	Љ	љ	Њ	њ
0458	0405	00AC	221A	0192	2248	2206	00AB	00BB	2026	00A0	040B	045B	040C	045C	0455
ј	ѕ	¬	√	ƒ	≈	Δ	«	»	…	[NBSP]	Ђ	ђ	Ѓ	ѓ	ѕ
2013	2014	201C	201D	2018	2019	00F7	201E	040E	045E	040F	045F	2116	0401	0451	044F
–	—	“	”	‘	’	÷	„	Ў	ў	Џ	џ	№	Ё	ё	я
0430	0431	0432	0433	0434	0435	0436	0437	0438	0439	043A	043B	043C	043D	043E	043F
а	б	в	г	д	е	ж	з	и	й	к	л	м	н	о	п
0440	0441	0442	0443	0444	0445	0446	0447	0448	0449	044A	044B	044C	044D	044E	20AC
р	с	т	у	ф	х	ц	ч	ш	щ	ъ	ы	ь	э	ю	€

SECTION C
LANGUAGE
SUPPORT



ISO | 8859-5 CYRILLIC

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	0401	0402	0403	0404	0405	0406	0407	0408	0409	040A	040B	040C	00AD	040E	040F
[NBSP]	Ё	Ђ	Ѓ	Є	Ѕ	І	Ї	Ј	Љ	Њ	Ћ	Ќ	[SHY]	Ў	Џ
0410	0411	0412	0413	0414	0415	0416	0417	0418	0419	041A	041B	041C	041D	041E	041F
А	Б	В	Г	Д	Е	Ж	З	И	Й	К	Л	М	Н	О	П
0420	0421	0422	0423	0424	0425	0426	0427	0428	0429	042A	042B	042C	042D	042E	042F
Р	С	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы	Ь	Э	Ю	Я
0430	0431	0432	0433	0434	0435	0436	0437	0438	0439	043A	043B	043C	043D	043E	043F
а	б	в	г	д	е	ж	з	и	й	к	л	м	н	о	п
0440	0441	0442	0443	0444	0445	0446	0447	0448	0449	044A	044B	044C	044D	044E	044F
р	с	т	у	ф	х	ц	ч	ш	щ	ъ	ы	ь	э	ю	я
2116	0451	0452	0453	0454	0455	0456	0457	0458	0459	045A	045B	045C	00A7	045E	045F
№	ё	ђ	ѓ	є	ѕ	і	ї	ј	љ	њ	ћ	ќ	§	ў	џ

SECTION C
LANGUAGE
SUPPORT



IBM | 1025 CYRILLIC EBCDIC

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	0452	0453	0451	0454	0455	0456	0457	0458	005B	002E	003C	0028	002B	0021
[SP]	[NBSB]	ђ	ѓ	ё	є	ѕ	і	ї	ј	[	.	<	(	+	!
0026	0459	045A	045B	045C	045E	045F	042A	2116	0402	005D	0024	002A	0029	003B	005E
&	љ	њ	ћ	ќ	џ	џ	џ	№	џ]	\$	*)	;	^
002D	002F	0403	0401	0404	0405	0406	0407	0408	0409	007C	002C	0025	005F	003E	003F
-	/	ѓ	ё	є	ѕ	і	ї	ј	љ	|	,	%	_	>	?
040A	040B	040C	00AD	040E	040F	044E	0430	0431	0060	003A	0023	0040	0027	003D	0022
њ	ћ	ќ	[SHY]	џ	џ	ю	а	б	`	:	#	@	'	=	"
0446	0061	0062	0063	0064	0065	0066	0067	0068	0069	0434	0435	0444	0433	0445	0438
ц	а	б	с	д	е	ф	г	х	и						
0439	006A	006B	006C	006D	006E	006F	0070	0071	0072	043A	043B	043C	043D	043E	043F
й	ј	к	л	м	н	о	р	q	г	к	л	м	н	о	п
044F	007E	0073	0074	0075	0076	0077	0078	0079	007A	0440	0441	0442	0443	0436	0432
я	~	ѕ	т	у	в	w	х	у	z	р	с	т	у	ж	в
044C	044B	0437	0448	044D	0449	0447	044A	042E	0410	0411	0426	0414	0415	0424	0413
ь	ы	з	ш	э	щ	ч	ъ	ю	А	Б	Ц	Д	Е	Ф	Г
007B	0041	0042	0043	0044	0045	0046	0047	0048	0049	0425	0418	0419	041A	041B	041C
{	А	В	С	Д	Е	Ф	Г	Н	І	Х	И	Й	К	Л	М
007D	004A	004B	004C	004D	004E	004F	0050	0051	0052	041D	041E	041F	042F	0420	0421
}	Ј	К	Л	М	Н	О	Р	Q	R	Н	О	П	Я	Р	С
005C	00A7	0053	0054	0055	0056	0057	0058	0059	005A	0422	0423	0416	0412	042C	042B
\	§	Ѕ	Т	У	В	W	Х	У	Z	Т	У	Ж	В	Ь	Ы
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0417	0428	042D	0429	0427	009F
0	1	2	3	4	5	6	7	8	9	3	Ш	Э	Щ	Ч	[APC]

SECTION C
LANGUAGE
SUPPORT



IBM | 1123

0000	0001	0002	0003	009C	0009	0086	007F	0097	008D	008E	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[ST]	[HT]	[SSA]	[DEL]	[EPA]	[RI]	[SS2]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	009D	0085	0008	0087	0018	0019	0092	008F	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[OSC]	[NEL]	[BS]	[ESA]	[CAN]	[EM]	[PU2]	[SS3]	[FS]	[GS]	[RS]	[US]
0080	0081	0082	0083	0084	000A	0017	001B	0088	0089	008A	008B	008C	0005	0006	0007
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[LF]	[ETB]	[ESC]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[ENQ]	[ACK]	[BEL]
0090	0091	0016	0093	0094	0095	0096	0004	0098	0099	009A	009B	0014	0015	009E	001A
[DCS]	[PU1]	[SYN]	[STS]	[CCH]	[MW]	[SPA]	[EOT]	[SOS]	[XXX]	[SCI]	[CSI]	[CD4]	[NAK]	[PM]	[SUB]
0020	00A0	0452	0491	0451	0454	0455	0456	0457	0458	005B	002E	003C	0028	002B	0021
[SP]	[NBSB]	ђ	ѓ	ё	є	ѕ	і	ї	ј	[	.	<	(	+	!
0026	0459	045A	045B	045C	045E	045F	042A	2116	0402	005D	0024	002A	0029	003B	005E
&	љ	њ	ћ	ќ	ђ	џ	ѡ	№	Ѣ]	\$	*)	;	^
002D	002F	0490	0401	0404	0405	0406	0407	0408	0409	007C	002C	0025	005F	003E	003F
-	/	ѓ	ё	є	ѕ	і	ї	ј	љ	|	,	%	_	>	?
040A	040B	040C	00AD	040E	040F	044E	0430	0431	0060	003A	0023	0040	0027	003D	0022
њ	ћ	ќ	[SHY]	ђ	џ	ю	а	б	`	:	#	@	'	=	"
0446	0061	0062	0063	0064	0065	0066	0067	0068	0069	0434	0435	0444	0433	0445	0438
ц	а	б	с	д	е	ф	г	х	и						
0439	006A	006B	006C	006D	006E	006F	0070	0071	0072	043A	043B	043C	043D	043E	043F
й	ј	к	л	м	н	о	р	q	г	к	л	м	н	о	п
044F	007E	0073	0074	0075	0076	0077	0078	0079	007A	0440	0441	0442	0443	0436	0432
я	~	s	t	u	v	w	x	y	z	р	с	т	у	ж	в
044C	044B	0437	0448	044D	0449	0447	044A	042E	0410	0411	0426	0414	0415	0424	0413
ь	ы	з	ш	э	щ	ч	ъ	ю	А	Б	Ц	Д	Е	Ф	Г
007B	0041	0042	0043	0044	0045	0046	0047	0048	0049	0425	0418	0419	041A	041B	041C
{	А	В	С	Д	Е	Ф	Г	Н	І	Х	И	Й	К	Л	М
007D	004A	004B	004C	004D	004E	004F	0050	0051	0052	041D	041E	041F	042F	0420	0421
}	Ј	К	Л	М	Н	О	Р	Q	R	Н	О	П	Я	Р	С
005C	00A7	0053	0054	0055	0056	0057	0058	0059	005A	0422	0423	0416	0412	042C	042B
\	§	S	T	U	V	W	X	Y	Z	T	У	Ж	В	Ь	Ы
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	0417	0428	042D	0429	0427	009F
0	1	2	3	4	5	6	7	8	9	3	Ш	Э	Щ	Ч	[APC]

SECTION C
LANGUAGE
SUPPORT



IBM | 1124

0000	0001	0002	0003	0004	0005	0006	0007	0008	0009	000A	000B	000C	000D	000E	000F
[NUL]	[SOH]	[STX]	[ETX]	[EOT]	[ENQ]	[ACK]	[BEL]	[BS]	[HT]	[LF]	[VT]	[FF]	[CR]	[SO]	[SI]
0010	0011	0012	0013	0014	0015	0016	0017	0018	0019	001A	001B	001C	001D	001E	001F
[DLE]	[DC1]	[DC2]	[DC3]	[CD4]	[NAK]	[SYN]	[ETB]	[CAN]	[EM]	[SUB]	[ESC]	[FS]	[GS]	[RS]	[US]
0020	0021	0022	0023	0024	0025	0026	0027	0028	0029	002A	002B	002C	002D	002E	002F
[SP]	!	"	#	\$	%	&	'	()	*	+	,	-	.	/
0030	0031	0032	0033	0034	0035	0036	0037	0038	0039	003A	003B	003C	003D	003E	003F
0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
0040	0041	0042	0043	0044	0045	0046	0047	0048	0049	004A	004B	004C	004D	004E	004F
@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
0050	0051	0052	0053	0054	0055	0056	0057	0058	0059	005A	005B	005C	005D	005E	005F
P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
0060	0061	0062	0063	0064	0065	0066	0067	0068	0069	006A	006B	006C	006D	006E	006F
`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
0070	0071	0072	0073	0074	0075	0076	0077	0078	0079	007A	007B	007C	007D	007E	007F
p	q	r	s	t	u	v	w	x	y	z	{	|	}	~	[DEL]
0080	0081	0082	0083	0084	0085	0086	0087	0088	0089	008A	008B	008C	008D	008E	008F
[XXX]	[XXX]	[BPH]	[NBH]	[IND]	[NEL]	[SSA]	[ESA]	[HTS]	[HTJ]	[VTS]	[PLD]	[PLU]	[RI]	[SS2]	[SS3]
0090	0091	0092	0093	0094	0095	0096	0097	0098	0099	009A	009B	009C	009D	009E	009F
[DCS]	[PU1]	[PU2]	[STS]	[CCH]	[MW]	[SPA]	[EPA]	[SOS]	[XXX]	[SCI]	[CSI]	[ST]	[OSC]	[PM]	[APC]
00A0	0401	0402	0490	0404	0405	0406	0407	0408	0409	040A	040B	040C	00AD	040E	040F
[NBSP]	Ё	Ђ	Ѓ	Є	Ѕ	І	Ї	Ј	Љ	Њ	Ћ	Ќ	[SHY]	Ў	Џ
0410	0411	0412	0413	0414	0415	0416	0417	0418	0419	041A	041B	041C	041D	041E	041F
А	Б	В	Г	Д	Е	Ж	З	И	Й	К	Л	М	Н	О	П
0420	0421	0422	0423	0424	0425	0426	0427	0428	0429	042A	042B	042C	042D	042E	042F
Р	С	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы	Ь	Э	Ю	Я
0430	0431	0432	0433	0434	0435	0436	0437	0438	0439	043A	043B	043C	043D	043E	043F
а	б	в	г	д	е	ж	з	и	й	к	л	м	н	о	п
0440	0441	0442	0443	0444	0445	0446	0447	0448	0449	044A	044B	044C	044D	044E	044F
р	с	т	у	ф	х	ц	ч	ш	щ	ъ	ы	ь	э	ю	я
2116	0451	0452	0491	0454	0455	0456	0457	0458	0459	045A	045B	045C	00A7	045E	045F
№	ё	ђ	ѓ	є	ѕ	і	ї	ј	љ	њ	ћ	ќ	ѕ	ў	џ